

**GORDIAN**<sup>®</sup>

# **Job Order Contract Construction Task Catalog<sup>®</sup>**

CSI Divisions 01-43 October 2024

**Public Building Commission of Chicago**





**This Page Intentionally Left Blank**

<b>00 Using The Construction Task Catalog®</b>	<b>1</b>
<hr/>	
<b>01 General Requirements</b>	<b>1</b>
01 10 Summary	1
01 11 Summary Of Work	1
01 20 Price and Payment Procedures	1
01 22 Unit Prices	1
01 30 Administrative Requirements	17
01 31 Project Management and Coordination	17
01 40 Quality Requirements	17
01 41 Regulatory Requirements	17
01 42 References	17
01 45 Quality Control	17
01 50 Temporary Facilities and Controls	21
01 51 Temporary Utilities	21
01 52 Construction Facilities	21
01 53 Temporary Construction	22
01 54 Construction Aids	22
01 55 Vehicular Access and Parking	24
01 56 Temporary Barriers and Enclosures	25
01 57 Temporary Controls	34
01 58 Project Identification	34
01 60 Product Requirements	34
01 66 Product Storage and Handling Requirements	34
01 70 Execution and Closeout Requirements	35
01 71 Examination and Preparation	35
01 74 Cleaning and Waste Management	36
<hr/>	
<b>02 Existing Conditions</b>	<b>1</b>
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition and Structure Moving	1
02 41 Demolition	1
02 42 Removal and Salvage of Construction Materials	16
02 43 Structure Moving	17
02 50 Site Remediation	17
02 58 Snow Control	17
02 60 Contaminated Site Material Removal	17
02 61 Removal and Disposal of Contaminated Soils	17
02 65 Underground Storage Tank Removal	17
02 80 Facility Remediation	19
02 82 Asbestos Remediation	19
02 83 Lead Remediation	27
02 84 Polychlorinated Biphenyl Remediation	31
02 87 Bio-Hazard Material Remediation	32
02 89 Hazmat Ancillary Tasks and Support	35
<hr/>	
<b>03 Concrete</b>	<b>1</b>
03 01 Maintenance of Concrete	1
03 01 30 Maintenance of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	3
03 05 13 Concrete Admixtures	3
03 10 Concrete Forming and Accessories	3
03 11 Concrete Forming	3
03 15 Concrete Accessories	7
03 20 Concrete Reinforcing	16
03 21 Reinforcement Bars	16
03 22 Fabric and Grid Reinforcing	45
03 30 Cast-In-Place Concrete	46
03 30 53 Miscellaneous Cast-in-Place Concrete	46
03 31 Structural Concrete	46

## Table of Contents

03 35 Concrete Finishing .....	62
03 37 Specialty Placed Concrete .....	65
03 39 Concrete Curing .....	66
03 40 Precast Concrete .....	66
03 41 Precast Structural Concrete .....	66
03 48 Precast Concrete Specialties .....	76
03 50 Cast Decks and Underlayment .....	79
03 51 Cast Roof Decks .....	79
03 53 Concrete Topping .....	80
03 54 Cast Underlayment .....	80
03 60 Grouting .....	81
03 61 Cementitious Grouting .....	81
03 62 Non-Shrink Grouting .....	81
03 63 Epoxy Grouting .....	82
03 64 Injection Grouting .....	82
03 80 Concrete Cutting and Boring .....	82
03 81 Concrete Cutting .....	82
03 82 Concrete Boring .....	82

## 04 Masonry 1

04 01 Maintenance of Masonry .....	1
04 01 20 Maintenance of Unit Masonry .....	1
04 01 50 Maintenance of Refractory Masonry .....	10
04 05 Common Work Results for Masonry .....	10
04 05 13 Masonry Mortaring .....	10
04 05 16 Masonry Grouting .....	11
04 05 19 Masonry Anchorage and Reinforcing .....	11
04 05 23 Masonry Accessories .....	37
04 20 Unit Masonry .....	38
04 21 Clay Unit Masonry .....	38
04 22 Concrete Unit Masonry .....	42
04 23 Glass Unit Masonry .....	46
04 40 Stone Assemblies .....	46
04 41 Dry-Placed Stone .....	47
04 42 Exterior Stone Cladding .....	47
04 43 Stone Masonry .....	47
04 50 Refractory Masonry .....	48
04 51 Flue Liner Masonry .....	48
04 70 Manufactured Masonry .....	49
04 72 Cast Stone Masonry .....	49

## 05 Metals 1

05 01 Maintenance of Metals .....	1
05 01 50 Maintenance of Metal Fabrications .....	1
05 01 70 Maintenance of Decorative Metal .....	1
05 05 Common Work Results for Metals .....	1
05 05 19 Post-Installed Concrete Anchors .....	1
05 05 21 Fastening Methods for Metal .....	12
05 05 23 Metal Fastenings .....	14
05 10 Structural Metal Framing .....	77
05 12 Structural Steel Framing .....	77
05 14 Structural Aluminum Framing .....	138
05 15 Wire Rope Assemblies .....	139
05 20 Metal Joists .....	145
05 21 Steel Joist Framing .....	145
05 30 Metal Decking .....	146
05 31 Steel Decking .....	146
05 36 Composite Metal Decking .....	150
05 40 Cold-Formed Metal Framing .....	152
05 41 Structural Metal Stud Framing .....	152
05 42 Cold-Formed Metal Joist Framing .....	154
05 43 Slotted Channel Framing .....	154
05 44 Cold-Formed Metal Trusses .....	156
05 45 Metal Support Assemblies .....	156
05 50 Metal Fabrications .....	156
05 51 Metal Stairs .....	156
05 52 Metal Railings .....	158



05 53 Metal Gratings.....	167
05 54 Metal Floor Plates.....	175
05 55 Metal Stair Treads and Nosings.....	175
05 56 Metal Castings.....	177
05 58 Formed Metal Fabrications.....	177
05 59 Metal Specialties.....	178
05 70 Decorative Metal.....	178
05 71 Decorative Metal Stairs.....	178
05 73 Decorative Metal Railings.....	179
05 75 Decorative Formed Metal.....	180

**06 Wood, Plastics, and Composites 1**

06 01 Maintenance of Wood, Plastics, and Composites.....	1
06 01 20 Maintenance of Finish Carpentry.....	1
06 01 40 Maintenance of Architectural Woodwork.....	1
06 05 Common Work Results for Wood, Plastics, and Composites.....	1
06 05 23 Wood, Plastic, and Composite Fastenings.....	1
06 10 Rough Carpentry.....	23
06 11 Wood Framing.....	23
06 13 Heavy Timber Construction.....	28
06 15 Wood Decking.....	30
06 16 Sheathing.....	35
06 17 Shop-Fabricated Structural Wood.....	41
06 18 Glued-Laminated Construction.....	46
06 20 Finish Carpentry.....	47
06 22 Millwork.....	47
06 25 Prefinished Paneling.....	49
06 40 Architectural Woodwork.....	49
06 41 Architectural Wood Casework.....	49
06 42 Wood Paneling.....	64
06 43 Wood Stairs and Railings.....	68
06 44 Ornamental Woodwork.....	69
06 46 Wood Trim.....	70
06 48 Wood Frames.....	72
06 50 Structural Plastics.....	73
06 51 Structural Plastic Shapes and Plates.....	73
06 52 Plastic Structural Assemblies.....	78
06 53 Plastic Decking.....	78
06 60 Plastic Fabrications.....	79
06 65 Plastic Trim.....	79
06 70 Structural Composites.....	80
06 74 Composite Gratings.....	80
06 80 Composite Fabrications.....	81
06 82 Composite Trim.....	81
06 83 Composite Paneling.....	83

**07 Thermal And Moisture Protection 1**

07 01 Operation and Maintenance of Thermal and Moisture Protection.....	1
07 01 50 Maintenance of Membrane Roofing.....	1
07 05 Common Work Results for Thermal and Moisture Protection.....	1
07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work.....	1
07 10 Dampproofing and Waterproofing.....	1
07 11 Dampproofing.....	1
07 13 Sheet Waterproofing.....	2
07 14 Fluid-Applied Waterproofing.....	3
07 16 Cementitious and Reactive Waterproofing.....	4
07 17 Bentonite Waterproofing.....	4
07 18 Traffic Coatings.....	4
07 19 Water Repellents.....	5
07 20 Thermal Protection.....	5
07 21 Thermal Insulation.....	5
07 22 Roof and Deck Insulation.....	17
07 24 Exterior Insulation and Finish Systems.....	44
07 25 Weather Barriers.....	47
07 26 Vapor Retarders.....	47
07 27 Air Barriers.....	47
07 30 Steep Slope Roofing.....	47

## Table of Contents

07 31 Shingles and Shakes.....	47
07 32 Roof Tiles.....	52
07 34 Roofing Underlayment.....	54
07 40 Roofing and Siding Panels.....	55
07 41 Roof Panels.....	56
07 42 Wall Panels.....	59
07 46 Siding.....	60
07 50 Membrane Roofing.....	64
07 51 Built-Up Bituminous Roofing.....	64
07 52 Modified Bituminous Membrane Roofing.....	70
07 53 Elastomeric Membrane Roofing.....	80
07 54 Thermoplastic Membrane Roofing.....	83
07 55 Protected Membrane Roofing.....	87
07 56 Fluid-Applied Roofing.....	87
07 57 Coated Foamed Roofing.....	88
07 58 Roll Roofing.....	90
07 59 Membrane Roofing Termination Bar.....	90
07 60 Flashing and Sheet Metal.....	90
07 61 Sheet Metal Roofing.....	90
07 62 Sheet Metal Flashing and Trim.....	93
07 63 Sheet Metal Roofing Specialties.....	98
07 65 Flexible Flashing.....	99
07 70 Roof and Wall Specialties and Accessories.....	99
07 71 Roof Specialties.....	99
07 72 Roof Accessories.....	127
07 73 Roof Protection Board.....	180
07 76 Roof Pavers.....	182
07 80 Fire and Smoke Protection.....	183
07 81 Applied Fireproofing.....	183
07 84 Firestopping.....	184
07 90 Joint Protection.....	185
07 91 Preformed Joint Seals.....	185
07 92 Joint Sealants.....	187
07 95 Expansion Control.....	190

## 08 Openings

**1**

08 01 Operation and Maintenance of Openings.....	1
08 01 10 Operation and Maintenance of Doors and Frames.....	1
08 01 50 Operation and Maintenance of Windows.....	1
08 01 80 Maintenance of Glazing.....	1
08 05 Common Work Results for Openings.....	1
08 05 13 Door Options and Modifications.....	1
08 10 Doors and Frames.....	3
08 11 Metal Doors and Frames.....	3
08 12 Metal Frames.....	3
08 13 Metal Doors.....	23
08 14 Wood Doors.....	45
08 15 Plastic Doors.....	103
08 16 Composite Doors.....	103
08 17 Integrated Door Opening Assemblies.....	108
08 18 Glass Doors.....	112
08 30 Specialty Doors and Frames.....	112
08 31 Access Doors and Panels.....	112
08 33 Coiling Doors and Grilles.....	113
08 34 Special Function Doors.....	150
08 35 Folding Doors and Grilles.....	158
08 36 Panel Doors.....	158
08 38 Traffic Doors.....	166
08 40 Entrances, Storefronts, and Curtain Walls.....	182
08 42 Entrances.....	182
08 43 Storefronts.....	186
08 44 Curtain Wall and Glazed Assemblies.....	191
08 50 Windows.....	193
08 51 Metal Windows.....	193
08 52 Wood Windows.....	196
08 53 Plastic Windows.....	234
08 54 Composite Windows.....	263
08 56 Special Function Windows.....	291

08 60 Roof Windows and Skylights .....	294
08 62 Unit Skylights .....	294
08 63 Metal-Framed Skylights .....	299
08 66 Wood-Framed Skylights .....	304
08 70 Hardware .....	305
08 71 Door Hardware .....	305
08 72 Weatherstripping, Thresholds and Seals .....	387
08 75 Window Hardware .....	399
08 78 Special Function Hardware .....	399
08 79 Hardware Accessories .....	399
08 80 Glazing .....	400
08 81 Glass Glazing .....	400
08 83 Mirrors .....	412
08 84 Plastic Glazing .....	413
08 87 Glazing Surface Films .....	414
08 88 Special Function Glazing .....	415
08 90 Louvers and Vents .....	417
08 91 Louvers .....	417
08 95 Vents .....	449

**09 Finishes 1**

09 01 Maintenance of Finishes .....	1
09 01 20 Maintenance of Plaster and Gypsum Board .....	1
09 01 30 Maintenance of Tiling .....	1
09 01 50 Maintenance of Ceilings .....	1
09 01 60 Maintenance of Flooring .....	1
09 01 80 Maintenance of Acoustic Treatment .....	2
09 01 90 Maintenance of Painting and Coating .....	2
09 20 Plaster and Gypsum Board .....	7
09 22 Supports for Plaster and Gypsum Board .....	7
09 23 Gypsum Plastering .....	16
09 24 Cement Plastering .....	17
09 28 Backing Boards and Underlayments .....	18
09 29 Gypsum Board .....	19
09 30 Tiling .....	26
09 30 13 Ceramic Tiling .....	27
09 30 16 Quarry Tiling .....	28
09 31 Thin-Set Tiling .....	28
09 32 Mortar-Bed Tiling .....	28
09 34 Waterproofing-Membrane Tiling .....	29
09 35 Chemical-Resistant Tiling .....	29
09 39 Tiling Transitions .....	30
09 50 Ceilings .....	30
09 51 Acoustical Ceilings .....	30
09 53 Acoustical Ceiling Suspension Assemblies .....	50
09 54 Specialty Ceilings .....	52
09 57 Special Function Ceilings .....	53
09 60 Flooring .....	53
09 61 Flooring Treatment .....	53
09 63 Masonry Flooring .....	54
09 64 Wood Flooring .....	54
09 65 Resilient Flooring .....	58
09 66 Terrazzo Flooring .....	65
09 67 Fluid-Applied Flooring .....	68
09 68 Carpeting .....	69
09 69 Access Flooring .....	81
09 70 Wall Finishes .....	82
09 72 Wall Coverings .....	82
09 73 Wall Carpeting .....	82
09 74 Flexible Wood Sheets .....	83
09 80 Acoustic Treatment .....	83
09 81 Acoustic Insulation .....	83
09 84 Acoustic Room Components .....	83
09 90 Painting and Coating .....	84
09 91 Painting .....	84
09 93 Staining and Transparent Finishing .....	195
09 96 High-Performance Coatings .....	197
09 97 Special Coatings .....	200



## Table of Contents

<b>10 Specialties</b>	<b>1</b>
10 01 Operation and Maintenance of Specialties .....	1
10 01 40 Operation and Maintenance of Safety Specialties .....	1
10 01 50 Operation and Maintenance of Storage Specialties .....	1
10 10 Information Specialties .....	1
10 11 Visual Display Units .....	1
10 12 Display Cases .....	8
10 13 Directories .....	8
10 14 Signage .....	11
10 20 Interior Specialties .....	39
10 21 Compartments and Cubicles .....	39
10 22 Partitions .....	61
10 26 Wall and Door Protection .....	70
10 28 Toilet, Bath, and Laundry Accessories .....	80
10 40 Safety Specialties .....	89
10 41 Emergency Access And Information Cabinets .....	89
10 44 Fire Protection Specialties .....	90
10 45 Photoluminescent Exit Specialties .....	95
10 50 Storage Specialties .....	95
10 51 Lockers .....	95
10 55 Postal Specialties .....	107
10 56 Storage Assemblies .....	108
10 57 Wardrobe And Closet Specialties .....	110
10 70 Exterior Specialties .....	111
10 73 Protective Covers .....	111
10 75 Flagpoles .....	112
10 80 Other Specialties .....	114
10 81 Pest Control Devices .....	114
10 86 Security Mirrors And Domes .....	114
<b>11 Equipment</b>	<b>1</b>
11 10 Vehicle and Pedestrian Equipment .....	1
11 12 Parking Control Equipment .....	1
11 13 Loading Dock Equipment .....	2
11 14 Pedestrian Control Equipment .....	6
11 30 Residential Equipment .....	8
11 30 13 Residential Appliances .....	8
11 40 Foodservice Equipment .....	9
11 41 Foodservice Storage Equipment .....	9
11 50 Educational and Scientific Equipment .....	21
11 52 Audio-Visual Equipment .....	21
11 53 Laboratory Equipment .....	28
11 60 Entertainment and Recreation Equipment .....	36
11 61 Broadcast, Theater, and Stage Equipment .....	36
11 66 Athletic Equipment .....	37
11 68 Play Field Equipment and Structures .....	42
11 80 Facility Maintenance and Operation Equipment .....	69
11 81 Maintenance Equipment .....	69
11 82 Facility Solid Waste Handling Equipment .....	70
<b>12 Furnishings</b>	<b>1</b>
12 01 Operation and Maintenance of Furnishings .....	1
12 01 60 Operation and Maintenance of Multiple Seating .....	1
12 20 Window Treatments .....	1
12 21 Window Blinds .....	1
12 22 Curtains and Drapes .....	1
12 23 Interior Shutters .....	3
12 24 Window Shades .....	5
12 25 Window Treatment Operating Hardware .....	5
12 30 Casework .....	5
12 31 Manufactured Metal Casework .....	5
12 35 Specialty Casework .....	10
12 36 Countertops .....	10
12 40 Furnishings and Accessories .....	13
12 41 Office Accessories .....	13
12 48 Rugs and Mats .....	13

12 50 Furniture .....	13
12 56 Institutional Furniture .....	14
12 59 Systems Furniture .....	21
12 60 Multiple Seating .....	24
12 61 Fixed Audience Seating .....	24
12 62 Portable-Audience Seating .....	26
12 66 Telescoping Stands .....	27
<b>13 Special Construction</b> .....	<b>1</b>
13 10 Special Facility Components .....	1
13 11 Swimming Pools .....	1
13 12 Fountains .....	1
13 20 Special Purpose Rooms .....	1
13 21 Controlled Environment Rooms .....	1
13 30 Special Structures .....	1
13 34 Fabricated Engineered Structures .....	1
13 40 Integrated Construction .....	1
13 46 Lightning Protection Systems .....	1
13 47 Facility Protection .....	3
<b>14 Conveying Equipment</b> .....	<b>1</b>
14 01 Operation and Maintenance of Conveying Equipment .....	1
14 01 20 Operation and Maintenance of Elevators .....	1
14 01 30 Operation and Maintenance of Escalators and Moving Walks .....	3
14 20 Elevators .....	3
14 21 Electric Traction Elevators .....	3
14 24 Hydraulic Elevators .....	5
14 26 Limited-Use/Limited-Application Elevators .....	10
14 27 Custom Elevator Cabs and Doors .....	10
14 28 Elevator Equipment and Controls .....	10
14 30 Escalators and Moving Walks .....	11
14 31 Escalators .....	11
14 40 Lifts .....	11
14 41 People Lifts .....	11
14 42 Wheelchair Lifts .....	11
<b>21 Fire Suppression</b> .....	<b>1</b>
21 01 Operation and Maintenance of Fire Suppression .....	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems .....	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment .....	1
21 05 Common Work Results for Fire Suppression .....	1
21 05 13 Common Motor Requirements for Fire-Suppression Equipment .....	1
21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping .....	1
21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping .....	2
21 05 19 Meters and Gages for Fire-Suppression Systems .....	2
21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping .....	2
21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment .....	2
21 05 33 Heat Tracing for Fire-Suppression Piping .....	2
21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment .....	2
21 05 53 Identification for Fire-Suppression Piping and Equipment .....	2
21 07 Fire-Suppression Systems Insulation .....	2
21 07 16 Fire-Suppression Equipment Insulation .....	2
21 07 19 Fire-Suppression Piping Insulation .....	2
21 10 Water-Based Fire-Suppression Systems .....	2
21 11 Facility Fire-Suppression Water-Service Piping .....	2
21 12 Fire-Suppression Standpipes .....	3
21 13 Fire-Suppression Sprinkler Systems .....	4
21 20 Fire-Extinguishing Systems .....	32
21 21 Carbon-Dioxide Fire-Extinguishing Systems .....	32
21 22 Clean-Agent Fire-Extinguishing Systems .....	32
21 23 Wet-Chemical Fire-Extinguishing Systems .....	40
21 24 Dry-Chemical Fire-Extinguishing Systems .....	43
21 30 Fire Pumps .....	46
21 31 Centrifugal Fire Pumps .....	46
21 34 Fire Pump Accessories .....	46

## Table of Contents

<b>22 Plumbing</b>	<b>1</b>
22 01 Operation and Maintenance of Plumbing	1
22 01 10 Operation and Maintenance of Plumbing Piping and Pumps	1
22 01 40 Operation and Maintenance of Plumbing Fixtures	1
22 05 Common Work Results for Plumbing	2
22 05 13 Common Motor Requirements for Plumbing Equipment	2
22 05 16 Expansion Fittings and Loops for Plumbing Piping	2
22 05 17 Sleeves and Sleeve Seals for Plumbing Piping	2
22 05 19 Meters and Gages for Plumbing Piping	2
22 05 23 General-Duty Valves for Plumbing Piping	2
22 05 29 Hangers and Supports for Plumbing Piping and Equipment	3
22 05 33 Heat Tracing for Plumbing Piping	3
22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment	3
22 05 53 Identification for Plumbing Piping and Equipment	3
22 05 76 Facility Drainage Piping Cleanouts	4
22 07 Plumbing Insulation	7
22 07 16 Plumbing Equipment Insulation	7
22 07 19 Plumbing Piping Insulation	7
22 10 Plumbing Piping	37
22 11 Facility Water Distribution	37
22 12 Facility Potable-Water Storage Tanks	98
22 13 Facility Sanitary Sewerage	100
22 14 Facility Storm Drainage	147
22 15 General Service Compressed-Air Systems	156
22 30 Plumbing Equipment	161
22 31 Domestic Water Softeners	161
22 32 Domestic Water Filtration Equipment	163
22 33 Electric Domestic Water Heaters	164
22 34 Fuel-Fired Domestic Water Heaters	168
22 35 Domestic Water Heat Exchangers	172
22 40 Plumbing Fixtures	173
22 41 Residential Plumbing Fixtures	173
22 42 Commercial Plumbing Fixtures	173
22 45 Emergency Plumbing Fixtures	186
22 47 Drinking Fountains and Water Coolers	189
22 50 Pool and Fountain Plumbing Systems	192
22 51 Swimming Pool Plumbing Systems	192
22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities	199
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities	199
<b>23 Heating, Ventilating, and Air-Conditioning (HVAC)</b>	<b>1</b>
23 01 Operation and Maintenance of HVAC Systems	1
23 01 10 Operation and Maintenance of Facility Fuel Systems	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps	1
23 01 30 Operation and Maintenance of HVAC Air Distribution	4
23 01 50 Operation and Maintenance of Central Heating Equipment	4
23 01 60 Operation and Maintenance of Central Cooling Equipment	5
23 05 Common Work Results for HVAC	5
23 05 13 Common Motor Requirements for HVAC Equipment	5
23 05 16 Expansion Fittings and Loops for HVAC Piping	8
23 05 17 Sleeves and Sleeve Seals for HVAC Piping	9
23 05 19 Meters and Gages for HVAC Piping	10
23 05 23 General-Duty Valves For HVAC Piping	13
23 05 29 Hangers and Supports for HVAC Piping and Equipment	31
23 05 33 Heat Tracing for HVAC Piping	58
23 05 48 Vibration and Seismic Controls for HVAC	58
23 05 53 Identification for HVAC Piping and Equipment	62
23 05 93 Testing, Adjusting, and Balancing for HVAC	63
23 07 HVAC Insulation	66
23 07 13 Duct Insulation	66
23 07 16 HVAC Equipment Insulation	67
23 07 19 HVAC Piping Insulation	67
23 08 Commissioning of HVAC	70
23 09 Instrumentation and Control for HVAC	70
23 09 23 Direct-Digital Control System for HVAC	70
23 09 43 Pneumatic Control System For HVAC	87
23 10 Facility Fuel Systems	88



23 11 Facility Fuel Piping.....	88
23 12 Facility Fuel Pumps.....	100
23 13 Facility Fuel-Storage Tanks.....	101
23 20 HVAC Piping and Pumps.....	109
23 21 Hydronic Piping and Pumps.....	109
23 22 Steam and Condensate Piping and Pumps.....	197
23 23 Refrigerant Piping.....	202
23 25 HVAC Water Treatment.....	207
23 30 HVAC Air Distribution.....	207
23 31 HVAC Ducts and Casings.....	207
23 33 Air Duct Accessories.....	243
23 34 HVAC Fans.....	289
23 35 Special Exhaust Systems.....	304
23 36 Air Terminal Units.....	306
23 37 Air Outlets and Inlets.....	309
23 38 Ventilation Hoods.....	324
23 40 HVAC Air Cleaning Devices.....	324
23 41 Particulate Air Filtration.....	324
23 42 Gas-Phase Air Filtration.....	327
23 43 Electronic Air Cleaners.....	327
23 50 Central Heating Equipment.....	327
23 51 Breechings, Chimneys, and Stacks.....	327
23 52 Heating Boilers.....	349
23 53 Heating Boiler Feedwater Equipment.....	367
23 54 Furnaces.....	368
23 55 Fuel-Fired Heaters.....	371
23 57 Heat Exchangers for HVAC.....	373
23 60 Central Cooling Equipment.....	375
23 61 Refrigerant Compressors.....	375
23 62 Packaged Compressor and Condenser Units.....	376
23 63 Refrigerant Condensers.....	377
23 64 Packaged Water Chillers.....	379
23 65 Cooling Towers.....	385
23 70 Central HVAC Equipment.....	391
23 71 Thermal Storage.....	391
23 72 Air-To-Air Energy Recovery Equipment.....	391
23 73 Indoor Central-Station Air-Handling Units.....	391
23 74 Packaged Outdoor HVAC Equipment.....	411
23 80 Decentralized Unitary HVAC Equipment.....	415
23 81 Decentralized Unitary HVAC Equipment.....	415
23 82 Convection Heating and Cooling Units.....	428
23 83 Radiant Heating Units.....	444
23 84 Humidity Control Equipment.....	445

**25 Integrated Automation 1**

25 50 Integrated Automation Facility Controls.....	1
25 55 Integrated Automation Control of HVAC.....	1

**26 Electrical 1**

26 01 Operation and Maintenance of Electrical Systems.....	1
26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution.....	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution.....	2
26 01 50 Operation and Maintenance of Lighting.....	2
26 05 Common Work Results for Electrical.....	27
26 05 13 Medium-Voltage Cables.....	27
26 05 19 Low-Voltage Electrical Power Conductors and Cables.....	32
26 05 23 Control-Voltage Electrical Power Cables.....	48
26 05 26 Grounding and Bonding for Electrical Systems.....	49
26 05 29 Hangers and Supports for Electrical Systems.....	53
26 05 33 Raceway and Boxes for Electrical Systems.....	74
26 05 36 Cable Trays for Electrical Systems.....	301
26 05 39 Underfloor Raceways for Electrical Systems.....	388
26 05 43 Underground Ducts and Raceways for Electrical Systems.....	390
26 05 46 Utility Poles for Electrical Systems.....	390
26 05 53 Identification for Electrical Systems.....	394
26 05 83 Wiring Connections.....	395
26 09 Instrumentation and Control for Electrical Systems.....	398

## Table of Contents

26 09 23 Lighting Control Devices .....	398
26 10 Medium-Voltage Electrical Distribution .....	421
26 11 Substations.....	421
26 12 Medium-Voltage Transformers.....	428
26 13 Medium-Voltage Switchgear .....	432
26 18 Medium-Voltage Circuit Protection Devices.....	434
26 19 High-Voltage Circuit Protection .....	435
26 20 Low-Voltage Electrical Distribution .....	437
26 21 Low-Voltage Electrical Service Entrance .....	437
26 22 Low-Voltage Transformers.....	439
26 24 Switchboards and Panelboards.....	447
26 25 Enclosed Bus Assemblies .....	492
26 27 Low-Voltage Distribution Equipment .....	495
26 28 Low-Voltage Circuit Protective Devices .....	513
26 29 Low-Voltage Controllers .....	542
26 30 Facility Electrical Power Generating and Storing Equipment.....	559
26 31 Photovoltaic Collectors.....	559
26 32 Packaged Generator Assemblies.....	563
26 33 Battery Equipment.....	568
26 35 Power Filters and Conditioners .....	569
26 36 Transfer Switches.....	570
26 40 Electrical And Cathodic Protection.....	574
26 43 Surge Protective Devices .....	574
26 50 Lighting .....	578
26 51 Interior Lighting.....	578
26 52 Safety Lighting.....	623
26 54 Classified Location Lighting.....	628
26 55 Special Purpose Lighting.....	630
26 56 Exterior Lighting .....	644

## 27 Communications 1

27 05 Common Work Results for Communications .....	1
27 05 26 Grounding and Bonding for Communications Systems.....	1
27 05 29 Hangers and Supports for Communications Systems.....	1
27 05 33 Conduits and Back Boxes for Communications Systems .....	4
27 05 36 Cable Trays for Communications Systems .....	4
27 05 39 Surface Raceways for Communications Systems.....	4
27 05 43 Underground Ducts and Raceways for Communications Systems.....	4
27 05 46 Utility Poles for Communications Systems .....	4
27 05 53 Identification for Communications Systems .....	4
27 10 Structured Cabling .....	4
27 11 Communications Equipment Room Fittings .....	4
27 13 Communications Backbone Cabling .....	11
27 15 Communications Horizontal Cabling .....	12
27 16 Communications Connecting Cords, Devices, and Adapters.....	54
27 20 Data Communications.....	55
27 21 Data Communications Network Equipment.....	55
27 30 Voice Communications .....	56
27 32 Voice Communications Terminal Equipment .....	56
27 40 Audio-Video Communications.....	57
27 41 Audio-Video Systems .....	57
27 50 Distributed Communications and Monitoring Systems .....	58
27 51 Distributed Audio-Video Communications Systems.....	58
27 53 Distributed Systems .....	62

## 28 Electronic Safety and Security 1

28 05 Common Work Results for Electronic Safety and Security.....	1
28 05 26 Grounding and Bonding for Electronic Safety and Security.....	1
28 05 53 Identification for Electronic Safety and Security .....	1
28 10 Access Control.....	1
28 15 Integrated Access Control Hardware Devices.....	1
28 16 Access Control Interfaces .....	1
28 20 Video Surveillance .....	7
28 21 Surveillance Cameras .....	7
28 40 Life Safety.....	26
28 42 Gas Detection and Alarm .....	26
28 43 Fuel Oil Detection and Alarm .....	26

28 46 Fire Detection and Alarm .....	26
28 47 Mass Notification.....	70
28 49 Electronic Personal Protection Systems .....	71
<b>31 Earthwork</b>	<b>1</b>
31 05 Common Work Results for Earthwork .....	1
31 05 16 Aggregates for Earthwork .....	1
31 10 Site Clearing .....	1
31 11 Clearing and Grubbing .....	1
31 13 Selective Tree and Shrub Removal and Trimming .....	1
31 20 Earth Moving .....	3
31 22 Grading .....	3
31 23 Excavation and Fill.....	4
31 24 Embankments .....	6
31 25 Erosion and Sedimentation Controls .....	7
31 30 Earthwork Methods .....	11
31 31 Soil Treatment.....	11
31 32 Soil Stabilization.....	11
31 35 Slope Protection.....	14
31 36 Gabions.....	14
31 37 Riprap .....	15
31 40 Shoring and Underpinning.....	15
31 41 Shoring.....	15
31 43 Concrete Raising .....	16
31 45 Vibroflotation and Densification .....	16
<b>32 Exterior Improvements</b>	<b>1</b>
32 01 Operation and Maintenance of Exterior Improvements.....	1
32 01 11 Paving Cleaning.....	1
32 01 13 Flexible Paving Surface Treatment.....	1
32 01 16 Flexible Paving Rehabilitation.....	3
32 01 17 Flexible Paving Repair .....	4
32 01 26 Rigid Paving Rehabilitation .....	5
32 01 29 Rigid Paving Repair .....	5
32 01 30 Operation and Maintenance of Site Improvements .....	6
32 01 90 Operation and Maintenance of Planting .....	7
32 10 Bases, Ballasts, and Paving.....	10
32 11 Base Courses .....	10
32 12 Flexible Paving.....	11
32 13 Rigid Paving.....	14
32 14 Unit Paving.....	19
32 15 Aggregate Surfacing .....	22
32 16 Curbs, Gutters, Sidewalks, and Driveways.....	22
32 17 Paving Specialties.....	25
32 18 Athletic and Recreational Surfacing.....	33
32 30 Site Improvements .....	41
32 31 Fences and Gates.....	41
32 32 Retaining Walls .....	115
32 33 Site Furnishings .....	121
32 39 Manufactured Site Specialties .....	133
32 80 Irrigation .....	135
32 84 Planting Irrigation .....	135
32 90 Planting .....	143
32 91 Planting Preparation .....	143
32 92 Turf and Grasses .....	146
32 93 Plants .....	150
32 94 Planting Accessories.....	185
32 96 Transplanting .....	188
<b>33 Utilities</b>	<b>1</b>
33 01 Operation and Maintenance of Utilities .....	1
33 01 30 Operation and Maintenance of Sewer Utilities.....	1
33 01 70 Operation and Maintenance of Electrical Utilities .....	49
33 05 Common Work Results for Utilities.....	51
33 05 07 Trenchless Installation of Utility Piping .....	51
33 05 09 Piping Specials for Utilities .....	53



## Table of Contents

33 05 16 Cast-Iron Utility Pipe.....	53
33 05 17 Copper Utility Pipe and Tubing.....	53
33 05 19 Ductile-Iron Utility Pipe.....	53
33 05 24 Steel Utility Pipe.....	53
33 05 27 Corrugated Metal Utility Pipe.....	53
33 05 31 Thermoplastic Utility Pipe.....	53
33 05 33 Polyethylene Utility Pipe.....	53
33 05 39 Concrete Pipe.....	54
33 05 41 Vitrified Clay Utility Pipe.....	54
33 05 61 Concrete Manholes.....	54
33 05 63 Concrete Vaults and Chambers.....	56
33 05 81 Metallic Castings for Utility Structures.....	65
33 05 83 Non-Metallic Accessories for Utility Structures.....	66
33 05 84 Accessories for Utility Structures.....	66
33 05 97 Identification and Signage for Utilities.....	68
33 10 Water Utilities.....	68
33 11 Groundwater Sources.....	69
33 14 Water Utility Transmission and Distribution.....	72
33 16 Water Utility Storage Tanks.....	143
33 19 Water Utility Metering Equipment.....	143
33 30 Sanitary Sewerage Utilities.....	144
33 31 Sanitary Sewerage Piping.....	144
33 34 Onsite Wastewater Disposal.....	148
33 40 Stormwater Utilities.....	149
33 41 Subdrainage.....	149
33 42 Stormwater Conveyance.....	153
33 44 Storm Utility Water Drains.....	205
33 46 Stormwater Management.....	206
33 50 Hydrocarbon Utilities.....	207
33 52 Hydrocarbon Transmission and Distribution.....	207
33 53 Hydrocarbon Utility Pressure Regulation.....	209
33 56 Hydrocarbon Storage.....	209
33 59 Hydrocarbon Utility Metering.....	209
33 70 Electrical Utilities.....	210
33 71 Electrical Utility Transmission and Distribution.....	210

## 34 Transportation 1

34 40 Transportation Signaling and Control Equipment.....	1
34 41 Roadway Signaling and Control Equipment.....	1
34 70 Transportation Construction and Equipment.....	3
34 71 Roadway Construction.....	3

## 40 Process Interconnections 1

40 05 Common Work Results For Process Interconnections.....	1
40 05 19 Ductile Iron Process Pipe.....	1
40 05 23 Stainless Steel Process Pipe and Tubing.....	232
40 05 41 Glass Process Pipe.....	265

## 41 Material Processing and Handling Equipment 1

41 01 Operation and Maintenance of Material Processing and Handling Equipment.....	1
41 01 20 Operation and Maintenance of Piece Material Handling Equipment.....	1
41 20 Piece Material Handling Equipment.....	1
41 22 Cranes and Hoists.....	1

## 43 Process Gas and Liquid Handling, Purification, and Storage Equipment 1

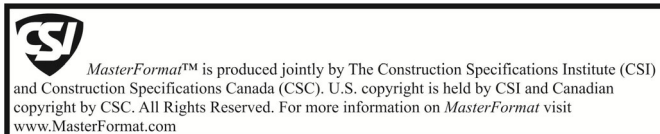
43 20 Liquid Handling Equipment.....	1
43 23 Dry Location Liquid Pumps.....	1
43 24 Suspended Liquid Pumps.....	1

## **CTC Information:**

1. This Construction Task Catalog® was developed and customized by The Gordian Group, Inc. specifically for **Public Building Commission of Chicago**, priced locally using current labor, material and equipment costs, and published in October 2024.
2. The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **Public Building Commission of Chicago**. Use of The Gordian Group's CTC and other proprietary information and software for any other purpose or any other entity is expressly prohibited without the express written consent of The Gordian Group, Inc.

## **MasterFormat™**

- The tasks in this Construction Task Catalog are organized using CSI's *MasterFormat*.



## **The Unit Prices Include:**

### **LABOR COSTS:**

1. Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 1/2 stories (2 stories with an attic) and 125' to reach the project site; layout; measuring and cutting to fit; performing the task; disposal of excess material; and time for lunch and breaks.
2. Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including published fringe benefits and an

allowance for Social Security and Medicare taxes, worker's compensation, unemployment insurance and employee benefits.

3. Labor costs are based on workers familiar with and skilled in the performance of the task following OSHA requirements.

### **EQUIPMENT COSTS:**

1. Equipment costs include all equipment required to accomplish the work task. Allowance for the mobilization for large equipment (e.g. cranes, pile drivers, bulldozers, excavators, backhoes, bobcats etc.) is provided for under a separate work task.
2. Equipment costs are based on ownership rates. The rate difference between the Contractor owned equipment costs and the rental equipment costs are part of the adjustment factor.
3. Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc. including the operator unless specifically excluded.

### **MATERIAL COSTS:**

1. Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
2. Material costs include manufacturer's and/or fabricator's shop drawings.
3. Material costs include an allowance for waste for such materials that are typically provided in standard widths, lengths, weights and units such as roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, lumber and concrete. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.

## Using The Construction Task Catalog®

### Complete and In-Place Construction:

1. Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the task as described in the CTC.
2. If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 ½ stories, the contractor will be paid for such crane or lifting equipment as a separate task (2 stories with an attic) and within 125' to reach the site.
3. Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) that are required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or relocating or reinstalling existing material and equipment.
4. Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the task description states otherwise.

### Demolition:

1. Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 ½ stories into a truck, dumpster, or to an owner designated area, located within 125' of the project site.
2. Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
3. If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition task, unless the component

alone must be demolished to accomplish the task (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the task; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).

4. The description "replace" includes the demolition of the existing item and the installation of the new item.
5. The descriptions "remove and relocate" or "remove and reinstall" includes the removal, cleaning of item and installation of the existing item in either the same location or another location.
6. The description "reinstall" includes the cleaning and installation of the existing item.
7. Salvageable materials remain the property of the Owner and shall be turned over as directed unless otherwise provided for in the Job Order. If the Owner allows the Contractor to take possession of the salvageable materials an equitable reimbursement will be made to the Owner through the use of task 01221600 0004.
8. Non-prepriced building demolition subcontractor quotes shall include the demolition of the building down to the top of foundation and the sorting of all demolition debris. Hauling, disposal, and/or recycling of demolition debris shall not be included in this quote and shall be priced separately in the proposal using prepriced line items.

### The Adjustment Factors Include:

#### BUSINESS COSTS:

1. Overhead costs, including, unless specifically excluded in the Contract Documents, but not limited to;
  - home office overhead
  - insurance, bonds, and indemnification
  - project meetings, training, management and supervision

- mobilization and close-out for the contract and each Job Order
  - project office staff and equipment.
2. Profit.
  3. Subcontractor's overhead and profit.
  4. All taxes for which a waiver is not available including material sales tax and equipment rental.
  5. Employee or Subcontractor's wage rates that exceed the prevailing wage rates.
  6. Fringe benefits, payroll taxes, worker's compensation, insurance costs and any other payment mandated by law in connection with labor that exceeds the labor rate allowances.
  7. Cost of financing the work.
  8. Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.
  6. Storage devices or items such as gang boxes and storage containers for Contractor's tools, equipment and materials.
  7. Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
  8. All traffic barricades, except for those tasks listed in Section 01552600 0001: Traffic Protection - Rental
  9. Flagmen, groundmen and/or spotters required for traffic control and required to control the safety of the work site, workmen and pedestrians.
  10. Meeting Owner security requirements.
  11. Excess waste including roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, siding, concrete, etc. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
  12. Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, wall or ceiling attached or fastened devices or furnishings, safes or other furniture requiring disassembly).
  13. Protection of all surfaces including those not in the scope of work from construction dust, debris or damage during construction up until final acceptance. The methods of protection including plastic, paper, temporary masonite and plywood (except for temporary walls), sealing doors or windows are the Contractor's responsibility
  14. Daily clean-up.
  15. Final professional project clean-up.
  16. Working in extreme temperatures (below or above normal) or adverse conditions such as excessive rain, wind, sleet or snow.
  17. Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
  18. Costs resulting from productivity loss.
  19. Differences in project size; complexity and location.

### **CONSTRUCTION RELATED COSTS:**

1. Services required to obtain filings, building permits, street closure permits, and all other permits or licenses.
2. Costs incurred to investigate work sites necessary to prepare proposals and the preparation and modification of proposals, sketches, incidental drawings such as irrigation layout drawings and drawings for sizing and layout of fire sprinkler systems, submittals, as-built drawings, CADD drawings, microfilm, digital photographs and other project records.
3. Costs incurred to define and modify scopes of work including but not limited to engineering and architectural services as required to support a work order.
4. Office trailer and portable toilets for Contractor's use.
5. Construction vehicles such as pick-up trucks, utility trucks, vans, service trucks, flat bed trucks, tractors, trailers, etc.

## Using The Construction Task Catalog®

20. All costs for other than discreet items of work specifically required to complete a particular Job Order.
21. Costs associated with Underground Utility location and identification.
22. Confined Working Space is defined according to the OSHA definition 29 CFR 1926.21(b)(6)(i): "Any space having limited means of egress, which is subject to accumulation of toxic or flammable contaminants or has an oxygen deficient atmosphere, including, but not limited to, storage tanks, process vessels, bins, boilers, ventilation and exhaust duct, sewers, underground vaults, tunnels, pipelines and open top spaces more than 4 feet in depth such as pits and tubs." The Contractor shall conform to all OSHA and Owner requirements for working in Confined Working Spaces. Required ventilation and air monitoring equipment tasks shall be priced from the CTC and the Contractor is entitled to the cost of decreased labor productivity which shall be an increase of 15% of the Labor portion of the CTC tasks being accomplished.

### PRICE VARIATIONS:

1. Contractors may find differences in labor, equipment and material costs due to certain economic factors. Variations in labor cost can also result from labor efficiency, labor restrictions, working conditions and local work rules. Variations in material costs can also result from the quantity of material purchased, the existing relationship with suppliers, and because the materials have been discontinued or have become obsolete.
2. While diligent effort is made to provide accurate and reliable up-to-date pricing, it is the responsibility of the Contractor to review and analyze the unit prices, and to calculate their Adjustment Factors accordingly, prior to bidding.

### GENERAL COSTS:

1. This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factor as defined in the Contract.
2. The only compensation to be paid to a Contractor for the work tasks will be:

Published Unit Price	X	Installation (or Demolition) Quantity	X	Appropriate Adjustment Factor
-------------------------	---	---	---	-------------------------------------

3. No additional payments of any kind whatsoever will be made. All costs not included in the unit prices must be part of the Adjustment Factors.

## General Interpretations:

### WORKING HEIGHT:

1. Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
2. Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

### FIELD ENGINEERING:

1. Surveying tasks shall be used only when the Owner requests the Contractor to perform topographic surveys or property line surveys or to establish horizontal and vertical controls. If the Owner provides horizontal and vertical control points within or adjacent to the project site, any other surveying required to complete the work is considered construction staking or layout and the cost thereof is included in the appropriate task.

### ASSEMBLIES:

1. Assembly unit prices take precedence over individual component pricing.

### TESTING:

1. If required, the contractor will be paid for testing as required by the technical specifications and as directed by the Owner (record tests) at the unit price

2024



for the appropriate task. The cost of process quality control testing routinely performed by the Contractor is included in the unit prices for the individual tasks.

## MISCELLANEOUS:

1. For the purpose of calculating the quantity of a task, quantities are calculated on a per project basis. The quantity so determined shall be used for the task and all appropriate modifiers, unless the task states otherwise.
2. Whenever there are alternative tasks that may be selected to complete work the Contractor shall select the most practical and economical tasks available (e.g. rental of equipment by weeks or months rather than days or painting by roller or spray rather than brush).
3. Whenever a material, article or piece of equipment is identified in the CTC or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, or make, the identification is intended to establish a standard. Any material, article or equipment of another manufacturer or vendor which performs satisfactorily the duties imposed by the general design may be considered equally acceptable provided that, in the opinion of the Owner, the material, article or equipment so proposed is of equal quality, substance and function. The Contractor shall not provide, furnish or install any proposed material, article or equipment without the prior written approval of the Owner. The burden of proof and all costs related thereto concerning the "or equal" nature of the substitute item, whether approved or disapproved, shall be borne by the Contractor.

## SPECIFICATIONS:

1. Specifications for tasks shall be interpreted as follows: All labor, material, equipment, spare parts, services, and work required by a specification shall be considered part of the unit price, unless the task description or technical specifications state otherwise.

## Useful Information:

### UNIT OF MEASURE DEFINITIONS:

**ACR** – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Carton Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** – Liter, **LOT** – Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** – One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** – One Thousand Gallons, **MI** – Mile, **MLF** - One Thousand Linear Feet, **MO** – Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** – Metric Ton, **MTK** – Metric Ton Kilometer, **M2** – Square Meter, **M3K** – Cubic Meter Kilometer, **NPP** – Non Pre-Priced, **NTE** – Note, **OPN** – Opening, **OUT** - Outlet or Output (each), **OZ** – Ounce, **PKG** – Package, **PNT** – Point, **PR** – Pair, **QT** – Quart, **ROL** - Roll (each), **ROM** – Room, **ROW** – Row, **RSR** - Riser (Per Rise), **SEA** – Seat, **SET** – Set, **SF** - Square Foot, **SHT** – Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** – Inches per Square Yard, **TNM** - Tons per Mile, **TON** – Ton, **TRK** – Truck Load, **UI** - United Inch, **UNT** – Unit, **VLF** - Vertical Linear Foot, **WK** – Week, **YD** – Yard, **YR** – Year

## Using The Construction Task Catalog®

### MATERIAL WEIGHTS:

#### EARTHEN MATERIAL

- The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Clay	3220	2150	3570
CA-6		2890	3820
CA-7		2730	2930
CA-1		2460	2520
Topsoil		1610	2215
FA-5		2420	2810

**1 Meter** = 100 Centimeters = 3.2808 Feet

**1 Mile** = 5280 Feet = 1.6093 Kilometers

**1 Pound** = 0.4536 Kilograms

**1 Square Foot** = 144 Square Inches = .0929 Square Meters

**1 Square Meter** = 1.1960 Square Yards = 10.7639 Square Feet

**1 Square Yard** = 9 Square Feet = 0.8361 Square Meters

**1 Ton** = 2000 Pounds = 907.185 Kilograms

**1 Yard** = 3 Feet = 0.9144 Meters

### CONVERSIONS:

**1 Acre** = 43,560 Square Feet = 4046.8 Square Meters

**1 Board Foot** = 12" x 12" x 1" = 144 Cubic Inches

**1 Centimeter** = 0.3937 Inches = 0.0328 Feet

**1 Cubic Foot** = 0.03704 Cubic Yards = 0.02832 Cubic Meters

**1 Cubic Meter** = 1.3080 Cubic Yards = 35.3147 Cubic Feet

**1 Cubic Yard** = 27 Cubic Feet = 0.7646 Cubic Meters

**1 Foot** = 12 Inches = 0.3048 Meters

**1 Inch** = 2.54 Centimeters = 0.0254 Meters

**1 Kilogram** = 2.2046 Pounds

**1 Kilometer** = 0.6214 Miles = 3280 Feet

Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

and 6 Phase Development and Implementation Process are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

## STANDARD GEOMETRY:

### Circle

- Circumference =  $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area =  $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

### Cylinder

- Volume =  $(\pi \text{ radius}^2)\text{height}$
- Surface Area =  $2 \pi \text{ radius}^2 + (2 \pi \text{ radius})\text{height}$

### Sphere

- Volume =  $(4 \pi \text{ radius}^3) / 3$
- Surface Area =  $4 \pi \text{ radius}^2$

### $\pi = 3.14159$

### United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

## TRADEMARKS

Gordian JOC Solution, JOC Complete Solution, JOC Complete Solution Plus, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, DMAP, The Standard for Job Order Contracting

**THIS PAGE INTENTIONALLY LEFT BLANK**



<b>General Requirements</b>			<b>01</b>
Summary			01 10
Summary Of Work			01 11

10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 01 General Requirements

### 01 10 Summary <sup>(01)</sup>

#### 01 11 Summary Of Work <sup>(01 10)</sup>

##### 01 11 13 Work Covered by Contract Documents <sup>(01 11)</sup>

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001 NTE Work Covered by Contract Documents .....0.00

Note: For specification publishing. Review specifications for requirements.

### 01 20 Price and Payment Procedures <sup>(01)</sup>

#### 01 22 Unit Prices <sup>(01 20)</sup>

##### 01 22 16 Unit Price Payment <sup>(01 22)</sup>

##### 01 22 16 00-0001 Salvage Value <sup>(01 22 16)</sup>

Note: Typically, demolished items become the property of the Contractor and any salvage value is to the benefit of the Contractor. However, the Owner reserves the right to share in the value of salvaged materials or equipment. Task 01206-1001 is used to provided credit to the Owner for an agreed upon quantity of salvage value. The quantity for Task 01206-1001 shall be based on the receipt or quote for the salvaged items. If there are multiple salvage value tasks on the same Work Order, each shall be included separately with a comment in the "note" block to identify the agreed upon portion of the salvage value (e.g. masonry, steel, etc.).

01 22 16 00-0002 EA Salvage Value.....-1.00

##### 01 22 16 00-0003 Professional Architectural/Engineering Services <sup>(01 22 16)</sup>

01 22 16 00-0004 EA Professional Architectural/Engineering Services .....1.00

Note: For the preparation of "Stamped" drawings only. To be used only at the direction of the Public Building Commission. The Adjustment Factor applied to Reimbursable Fees will be 1.0000.

##### 01 22 16 00-0005 Reimbursable Fees <sup>(01 22 16)</sup>

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, A/E stamped drawings, additional warranties, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0006 EA Reimbursable Fees.....1.00

Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

#### 01 22 20 Wage Rates <sup>(01 22)</sup>

##### 01 22 20 00-0001 Rates For Services <sup>(01 22 20)</sup>

01 22 20 00-0002 HR Watch/Guard Person, Unarmed.....32.80

01 22 20 00-0003 HR Watch/Guard Person, Armed.....42.16

01 22 20 00-0004 HR Certified Industrial Hygienist.....121.12

01 22 20 00-0005 HR Senior Surveyor (Party Chief).....58.70

01 22 20 00-0006 HR Surveyor (Instrument person).....51.87

01 22 20 00-0007 HR Surveyor (Rod Person).....40.56

01 22 20 00-0008 HR On-Site Certified Materials Testing Technician.....89.85

01 22 20 00-0009 MI Mileage For Professional Services (Engineering, Surveying, Etcetera).....0.67

Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.

01 22 20 00-0010 HR Electrician For Investigative Work.....127.94

01 22 20 00-0011 HR Iron Worker For Emergency Fence Repairs .....152.03

Note: Includes service truck and tools.

01 22 20 00-0012 HR Iron Worker For Emergency Fence Repairs (Overtime Red Book).....211.51

Note: Includes service truck and tools.

01 22 20 00-0013 HR Iron Worker For Emergency Fence Repairs (Overtime Black Book).....264.39

Note: Includes service truck and tools.

01 22 20 00-0014 EA Layout For Americans With Disabilities Act Compliant Ramps.....1,575.21

Note: Price is for each corner, which consists of one or two individual ADA Ramps. Task is only to be used for the layout of ADA Ramps located at corners. Task shall not be used for any other type of layout.

##### 01 22 20 00-0015 Rates For Project Management Services <sup>(01 22 20)</sup>

01 22 20 00-0016 HR Project Manager .....156.25

##### 01 22 20 00-0017 Rates For Architectural And Engineering Services <sup>(01 22 20)</sup>

Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.

01 22 20 00-0018 HR Principal Architect.....237.50

01 22 20 00-0019 HR Senior Architect .....175.00



<b>01</b>	<b>General Requirements</b>
<b>01 20</b>	<b>Price and Payment Procedures</b>
<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 22 20 00-0020	HR	Architect.....	137.50	
	01 22 20 00-0021	HR	Principal Engineer.....	205.00	
	01 22 20 00-0022	HR	Senior Engineer.....	170.00	
	01 22 20 00-0023	HR	Engineer.....	133.75	
	01 22 20 00-0024	HR	Draft Person.....	70.00	
<b>01 22 23</b>	<b>Equipment Usage</b> (01 22)				
	Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. Excludes mobilization unless otherwise stated. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.				
	01 22 23 00-0001	<b>Aerial Equipment</b> (01 22 23)			
	01 22 23 00-0002	<b>Man Lifts</b> (01 22 23 00-0001)			
	Note: Excludes operator, delivery, set-up, and removal.				
	01 22 23 00-0003	<b>Telescoping Boom Man Lifts With Platform</b> (01 22 23 00-0002)			
	01 22 23 00-0004	<b>Engine Powered, Telescoping Boom Man Lifts With Platform</b> (01 22 23 00-0003)			
	Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.				
	01 22 23 00-0005	DAY	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	448.88	
	For Four-Wheel Drive, Add			101.00	
	01 22 23 00-0006	WK	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,129.44	
	For Four-Wheel Drive, Add			254.12	
	01 22 23 00-0007	MO	40' Engine Powered, Telescoping Boom Man Lift With Platform.....	2,534.00	
	For Four-Wheel Drive, Add			570.15	
	For >6 Months (>26 Weeks), Deduct			-101.36	
	01 22 23 00-0008	DAY	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	658.84	
	For Four-Wheel Drive, Add			148.24	
	01 22 23 00-0009	WK	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,571.08	
	For Four-Wheel Drive, Add			353.49	
	01 22 23 00-0010	MO	60' Engine Powered, Telescoping Boom Man Lift With Platform.....	3,439.00	
	For Four-Wheel Drive, Add			773.78	
	For >6 Months (>26 Weeks), Deduct			-137.56	
	01 22 23 00-0011	DAY	80' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,281.48	
	For Four-Wheel Drive, Add			288.33	
	01 22 23 00-0012	WK	80' Engine Powered, Telescoping Boom Man Lift With Platform.....	3,105.96	
	For Four-Wheel Drive, Add			698.84	
	01 22 23 00-0013	MO	80' Engine Powered, Telescoping Boom Man Lift With Platform.....	6,516.00	
	For Four-Wheel Drive, Add			1,466.10	
	For >6 Months (>26 Weeks), Deduct			-260.64	
	01 22 23 00-0014	DAY	110' Engine Powered, Telescoping Boom Man Lift With Platform.....	1,824.48	
	For Four-Wheel Drive, Add			410.51	
	01 22 23 00-0015	WK	110' Engine Powered, Telescoping Boom Man Lift With Platform.....	4,393.23	
	For Four-Wheel Drive, Add			988.48	
	01 22 23 00-0016	MO	110' Engine Powered, Telescoping Boom Man Lift With Platform.....	10,946.88	
	For Four-Wheel Drive, Add			2,463.05	
	For >6 Months (>26 Weeks), Deduct			-437.88	
	01 22 23 00-0017	DAY	120' Engine Powered, Telescoping Boom Man Lift With Platform.....	2,222.68	
	For Four-Wheel Drive, Add			500.10	
	01 22 23 00-0018	WK	120' Engine Powered, Telescoping Boom Man Lift With Platform.....	5,668.92	
	For Four-Wheel Drive, Add			1,275.51	
	01 22 23 00-0019	MO	120' Engine Powered, Telescoping Boom Man Lift With Platform.....	12,887.20	
	For Four-Wheel Drive, Add			2,899.62	
	For >6 Months (>26 Weeks), Deduct			-515.49	
	01 22 23 00-0020	<b>Articulating (Up/Over) Boom Man Lifts With Platform</b> (01 22 23 00-0002)			
	01 22 23 00-0021	<b>Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform</b> (01 22 23 00-0020)			
	Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.				
	01 22 23 00-0022	DAY	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	451.25	
	01 22 23 00-0023	WK	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	1,132.22	
	01 22 23 00-0024	MO	34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	2,723.89	
	For >6 Months (>26 Weeks), Deduct			-108.96	
	01 22 23 00-0025	DAY	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	574.32	
	01 22 23 00-0026	WK	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	1,255.29	
	01 22 23 00-0027	MO	45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	3,116.07	
	For >6 Months (>26 Weeks), Deduct			-124.64	
	01 22 23 00-0028	DAY	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	738.40	
	01 22 23 00-0029	WK	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	1,706.54	
	01 22 23 00-0030	MO	60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	3,815.09	
	For >6 Months (>26 Weeks), Deduct			-152.60	
	01 22 23 00-0031	DAY	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	1,288.11	
	01 22 23 00-0032	WK	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	3,035.66	
	01 22 23 00-0033	MO	80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	7,382.41	
	For >6 Months (>26 Weeks), Deduct			-295.30	
	01 22 23 00-0034	DAY	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	2,502.37	
	01 22 23 00-0035	WK	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	5,907.24	
	01 22 23 00-0036	MO	125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform.....	14,439.92	
	For >6 Months (>26 Weeks), Deduct			-577.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>01 22 23 00-0037</b>	<b>Electric, Articulating (Up/Over) Boom Man Lifts With Platform</b> <small>(01 22 23 00-0020)</small>	
<i>Note: For use on paved surfaces.</i>		
01 22 23 00-0038	DAY 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	451.25
01 22 23 00-0039	WK 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	1,132.22
01 22 23 00-0040	MO 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	2,723.89
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-108.96</i>
01 22 23 00-0041	DAY 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	451.25
01 22 23 00-0042	WK 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	1,132.22
01 22 23 00-0043	MO 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	2,723.89
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-108.96</i>
01 22 23 00-0044	DAY 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	557.91
01 22 23 00-0045	WK 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	1,206.06
01 22 23 00-0046	MO 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	2,994.64
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-119.79</i>
01 22 23 00-0047	DAY 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	557.91
01 22 23 00-0048	WK 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	1,206.06
01 22 23 00-0049	MO 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform .....	2,994.64
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-119.79</i>

**01 22 23 00-0050 Platform Lifts** (01 22 23 00-0001)  
*Note: Excludes operator, delivery, set-up, and removal.*

<b>01 22 23 00-0051</b>	<b>Electric, Scissor Platform Lifts</b> <small>(01 22 23 00-0050)</small>	
<i>Note: For use on paved surfaces.</i>		
01 22 23 00-0052	DAY 17' Electric, Scissor Platform Lift .....	196.62
01 22 23 00-0053	WK 17' Electric, Scissor Platform Lift .....	393.25
01 22 23 00-0054	MO 17' Electric, Scissor Platform Lift .....	804.38
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-32.18</i>
01 22 23 00-0055	DAY 20' Electric, Scissor Platform Lift .....	214.50
01 22 23 00-0056	WK 20' Electric, Scissor Platform Lift .....	429.00
01 22 23 00-0057	MO 20' Electric, Scissor Platform Lift .....	858.00
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-34.32</i>
01 22 23 00-0058	DAY 25' Electric, Scissor Platform Lift .....	277.06
01 22 23 00-0059	WK 25' Electric, Scissor Platform Lift .....	554.12
01 22 23 00-0060	MO 25' Electric, Scissor Platform Lift .....	1,188.69
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-47.55</i>
01 22 23 00-0061	DAY 30' Electric, Scissor Platform Lift .....	357.50
01 22 23 00-0062	WK 30' Electric, Scissor Platform Lift .....	706.06
01 22 23 00-0063	MO 30' Electric, Scissor Platform Lift .....	1,564.06
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-62.56</i>
01 22 23 00-0064	DAY 33' Electric, Scissor Platform Lift .....	384.31
01 22 23 00-0065	WK 33' Electric, Scissor Platform Lift .....	750.75
01 22 23 00-0066	MO 33' Electric, Scissor Platform Lift .....	1,698.12
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-67.92</i>
01 22 23 00-0067	DAY 40' Electric, Scissor Platform Lift .....	500.50
01 22 23 00-0068	WK 40' Electric, Scissor Platform Lift .....	1,242.31
01 22 23 00-0069	MO 40' Electric, Scissor Platform Lift .....	3,458.81
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-138.35</i>

<b>01 22 23 00-0070</b>	<b>Engine Powered, Scissor Platform Lifts</b> <small>(01 22 23 00-0050)</small>	
<i>Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.</i>		
01 22 23 00-0071	DAY 25' Engine Powered, Scissor Platform Lift .....	411.57
	<i>For Four-Wheel Drive, Add</i>	<i>82.31</i>
01 22 23 00-0072	WK 25' Engine Powered, Scissor Platform Lift .....	804.85
	<i>For Four-Wheel Drive, Add</i>	<i>160.97</i>
01 22 23 00-0073	MO 25' Engine Powered, Scissor Platform Lift .....	1,966.39
	<i>For Four-Wheel Drive, Add</i>	<i>393.28</i>
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-78.66</i>
01 22 23 00-0074	DAY 33' Engine Powered, Scissor Platform Lift .....	420.72
	<i>For Four-Wheel Drive, Add</i>	<i>84.14</i>
01 22 23 00-0075	WK 33' Engine Powered, Scissor Platform Lift .....	960.33
	<i>For Four-Wheel Drive, Add</i>	<i>192.07</i>
01 22 23 00-0076	MO 33' Engine Powered, Scissor Platform Lift .....	2,103.58
	<i>For Four-Wheel Drive, Add</i>	<i>420.72</i>
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-84.14</i>
01 22 23 00-0077	DAY 40' Engine Powered, Scissor Platform Lift .....	466.45
	<i>For Four-Wheel Drive, Add</i>	<i>93.29</i>
01 22 23 00-0078	WK 40' Engine Powered, Scissor Platform Lift .....	1,070.08
	<i>For Four-Wheel Drive, Add</i>	<i>214.02</i>
01 22 23 00-0079	MO 40' Engine Powered, Scissor Platform Lift .....	2,377.96
	<i>For Four-Wheel Drive, Add</i>	<i>475.59</i>
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-95.12</i>
01 22 23 00-0080	DAY 43' Engine Powered, Scissor Platform Lift .....	493.88
	<i>For Four-Wheel Drive, Add</i>	<i>98.78</i>
01 22 23 00-0081	WK 43' Engine Powered, Scissor Platform Lift .....	1,152.40
	<i>For Four-Wheel Drive, Add</i>	<i>230.48</i>
01 22 23 00-0082	MO 43' Engine Powered, Scissor Platform Lift .....	2,835.26
	<i>For Four-Wheel Drive, Add</i>	<i>567.05</i>
	<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-113.41</i>

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price and Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0083 DAY 50' Engine Powered, Scissor Platform Lift .....	923.75	
For Four-Wheel Drive, Add	184.75	
01 22 23 00-0084 WK 50' Engine Powered, Scissor Platform Lift .....	2,030.41	
For Four-Wheel Drive, Add	406.08	
01 22 23 00-0085 MO 50' Engine Powered, Scissor Platform Lift .....	4,993.72	
For Four-Wheel Drive, Add	998.74	
For >6 Months (>26 Weeks) , Deduct	-199.75	
<b>01 22 23 00-0086 Personnel Lifts</b> <small>(01 22 23 00-0001)</small>		
Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.		
01 22 23 00-0087 DAY 24', Push-Type, Electric Single Man Personnel Lift .....	122.70	
01 22 23 00-0088 WK 24', Push-Type, Electric Single Man Personnel Lift .....	347.64	
01 22 23 00-0089 MO 24', Push-Type, Electric Single Man Personnel Lift .....	702.10	
For >6 Months (>26 Weeks) , Deduct	-28.08	
01 22 23 00-0090 DAY 30', Push-Type, Electric Single Man Personnel Lift .....	170.41	
01 22 23 00-0091 WK 30', Push-Type, Electric Single Man Personnel Lift .....	361.27	
01 22 23 00-0092 MO 30', Push-Type, Electric Single Man Personnel Lift .....	1,226.97	
For >6 Months (>26 Weeks) , Deduct	-49.08	
01 22 23 00-0093 DAY 36', Push-Type, Electric Single Man Personnel Lift .....	286.29	
01 22 23 00-0094 WK 36', Push-Type, Electric Single Man Personnel Lift .....	695.28	
01 22 23 00-0095 MO 36', Push-Type, Electric Single Man Personnel Lift .....	2,031.32	
For >6 Months (>26 Weeks) , Deduct	-81.25	
01 22 23 00-0096 DAY 40', Push-Type, Electric Single Man Personnel Lift .....	306.74	
01 22 23 00-0097 WK 40', Push-Type, Electric Single Man Personnel Lift .....	763.45	
01 22 23 00-0098 MO 40', Push-Type, Electric Single Man Personnel Lift .....	2,297.16	
For >6 Months (>26 Weeks) , Deduct	-91.89	
01 22 23 00-0099 DAY 15', Self-Propelled, Electric Single Man Personnel Lift .....	163.60	
01 22 23 00-0100 WK 15', Self-Propelled, Electric Single Man Personnel Lift .....	327.19	
01 22 23 00-0101 MO 15', Self-Propelled, Electric Single Man Personnel Lift .....	654.38	
For >6 Months (>26 Weeks) , Deduct	-26.18	
01 22 23 00-0102 DAY 20', Self-Propelled, Electric Single Man Personnel Lift .....	163.60	
01 22 23 00-0103 WK 20', Self-Propelled, Electric Single Man Personnel Lift .....	327.19	
01 22 23 00-0104 MO 20', Self-Propelled, Electric Single Man Personnel Lift .....	680.29	
For >6 Months (>26 Weeks) , Deduct	-27.21	
<b>01 22 23 00-0105 Bucket Trucks</b> <small>(01 22 23 00-0001)</small>		
Note: Includes full-time operator, delivery, and removal.		
01 22 23 00-0106 DAY 29' To 33' Bucket Truck With Full-Time Operator .....	1,422.76	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0107 WK 29' To 33' Bucket Truck With Full-Time Operator .....	5,715.92	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0108 MO 29' To 33' Bucket Truck With Full-Time Operator .....	21,020.15	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-213.49	
01 22 23 00-0109 DAY 38' To 41' Bucket Truck With Full-Time Operator .....	1,511.72	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0110 WK 38' To 41' Bucket Truck With Full-Time Operator .....	6,001.85	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0111 MO 38' To 41' Bucket Truck With Full-Time Operator .....	21,782.63	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-243.99	
01 22 23 00-0112 DAY 45' To 48' Bucket Truck With Full-Time Operator .....	1,740.46	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0113 WK 45' To 48' Bucket Truck With Full-Time Operator .....	6,414.86	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0114 MO 45' To 48' Bucket Truck With Full-Time Operator .....	22,672.19	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-279.58	
01 22 23 00-0115 DAY 62' Bucket Truck With Full-Time Operator .....	2,248.78	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0116 WK 62' Bucket Truck With Full-Time Operator .....	8,066.90	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0117 MO 62' Bucket Truck With Full-Time Operator .....	27,119.99	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-457.49	
01 22 23 00-0118 DAY 85' Bucket Truck With Full-Time Operator .....	2,502.94	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0119 WK 85' Bucket Truck With Full-Time Operator .....	8,956.46	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0120 MO 85' Bucket Truck With Full-Time Operator .....	30,296.99	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-584.57	
01 22 23 00-0121 Day 105' Bucket Truck With Full-Time Operator .....	2,630.02	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0122 WK 105' Bucket Truck With Full-Time Operator .....	9,337.70	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0123 MO 105' Bucket Truck With Full-Time Operator .....	30,601.98	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-596.77	
<b>01 22 23 00-0124 Compaction And Paving Equipment</b> <small>(01 22 23)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**01 22 23 00-0125**

**Steel Roadway Plates** (01 22 23 00-0124)

Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0126 for for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.

01 22 23 00-0126	EA	Placement And Removal Of Steel Roadway Plates.....	62.33	
01 22 23 00-0127	DAY	1" x 4' x 8' Steel Plate .....	44.12	
01 22 23 00-0128	WK	1" x 4' x 8' Steel Plate .....	104.18	
01 22 23 00-0129	MO	1" x 4' x 8' Steel Plate .....	137.10	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-5.48</i>	
01 22 23 00-0130	DAY	1" x 4' x 10' Steel Plate .....	58.83	
01 22 23 00-0131	WK	1" x 4' x 10' Steel Plate .....	132.36	
01 22 23 00-0132	MO	1" x 4' x 10' Steel Plate .....	161.78	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-6.47</i>	
01 22 23 00-0133	DAY	1" x 5' x 10' Steel Plate .....	61.28	
01 22 23 00-0134	WK	1" x 5' x 10' Steel Plate .....	138.49	
01 22 23 00-0135	MO	1" x 5' x 10' Steel Plate .....	367.68	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-14.71</i>	
01 22 23 00-0136	DAY	1" x 6' x 8' Steel Plate .....	39.22	
01 22 23 00-0137	WK	1" x 6' x 8' Steel Plate .....	88.24	
01 22 23 00-0138	MO	1" x 6' x 8' Steel Plate .....	235.32	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-9.41</i>	
01 22 23 00-0139	DAY	1" x 6' x 10' Steel Plate .....	73.54	
01 22 23 00-0140	WK	1" x 6' x 10' Steel Plate .....	96.82	
01 22 23 00-0141	MO	1" x 6' x 10' Steel Plate .....	258.60	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-10.34</i>	
01 22 23 00-0142	DAY	1" x 6' x 12' Steel Plate .....	102.95	
01 22 23 00-0143	WK	1" x 6' x 12' Steel Plate .....	131.75	
01 22 23 00-0144	MO	1" x 6' x 12' Steel Plate .....	356.65	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-14.27</i>	
01 22 23 00-0145	DAY	1" x 8' x 10' Steel Plate .....	64.96	
01 22 23 00-0146	WK	1" x 8' x 10' Steel Plate .....	145.85	
01 22 23 00-0147	MO	1" x 8' x 10' Steel Plate .....	388.52	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-15.54</i>	
01 22 23 00-0148	DAY	1" x 8' x 12' Steel Plate .....	117.66	
01 22 23 00-0149	WK	1" x 8' x 12' Steel Plate .....	145.85	
01 22 23 00-0150	MO	1" x 8' x 12' Steel Plate .....	705.95	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-28.24</i>	
01 22 23 00-0151	DAY	1" x 8' x 16' Steel Plate .....	156.88	
01 22 23 00-0152	WK	1" x 8' x 16' Steel Plate .....	352.97	
01 22 23 00-0153	MO	1" x 8' x 16' Steel Plate .....	941.26	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-37.65</i>	
01 22 23 00-0154	LF	Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate .....	2.82	1.29
01 22 23 00-0155	EA	Removal And Resetting Of Steel Roadway Plate .....	34.63	

**01 22 23 00-0156**

**Street Sweepers** (01 22 23 00-0124)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0157	DAY	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....	1,138.85	
		<i>For Equipment Without Operator, Deduct</i>	<i>-946.97</i>	
01 22 23 00-0158	WK	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....	5,495.17	
		<i>For Equipment Without Operator, Deduct</i>	<i>-4,734.83</i>	
01 22 23 00-0159	MO	8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator .....	23,226.53	
		<i>For Equipment Without Operator, Deduct</i>	<i>-20,517.59</i>	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-108.36</i>	
01 22 23 00-0160	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....	2,030.04	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	<i>-946.97</i>	
01 22 23 00-0161	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....	9,073.09	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	<i>-4,734.83</i>	
01 22 23 00-0162	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator .....	35,999.80	
		Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
		<i>For Equipment Without Operator, Deduct</i>	<i>-20,517.59</i>	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-619.29</i>	

**01 22 23 00-0163**

**Earthmoving Equipment** (01 22 23)

**01 22 23 00-0164**

**Skid-Steer Loaders** (01 22 23 00-0163)

Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.

01 22 23 00-0165	DAY	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator.....	1,350.88	
		<i>For Equipment Without Operator, Deduct</i>	<i>-946.97</i>	
01 22 23 00-0166	WK	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator.....	5,794.46	
		<i>For Equipment Without Operator, Deduct</i>	<i>-4,734.83</i>	
01 22 23 00-0167	MO	700 Lb. Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator.....	23,069.49	
		<i>For Equipment Without Operator, Deduct</i>	<i>-20,517.59</i>	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	<i>-102.08</i>	
01 22 23 00-0168	DAY	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator .....	1,457.35	
		<i>For Equipment Without Operator, Deduct</i>	<i>-946.97</i>	
01 22 23 00-0169	WK	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator .....	5,987.12	
		<i>For Equipment Without Operator, Deduct</i>	<i>-4,734.83</i>	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

01 22 23 00-0170	MO	1,500 To 1,700 Lb. Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator.....	23,491.99	
		<i>For Equipment Without Operator, Deduct</i>	-20,517.59	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-118.98	
01 22 23 00-0171	DAY	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator.....	1,487.77	
		<i>For Equipment Without Operator, Deduct</i>	-946.97	
01 22 23 00-0172	WK	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator.....	6,264.28	
		<i>For Equipment Without Operator, Deduct</i>	-4,734.83	
01 22 23 00-0173	MO	2,000 To 2,400 Lb. Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator.....	24,227.14	
		<i>For Equipment Without Operator, Deduct</i>	-20,517.59	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-148.38	
01 22 23 00-0174	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	338.00	
01 22 23 00-0175	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	1,123.85	
01 22 23 00-0176	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders .....	2,991.30	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-119.65	
01 22 23 00-0177	DAY	Forklift Attachment For Skid-Steer Loaders .....	72.67	
01 22 23 00-0178	WK	Forklift Attachment For Skid-Steer Loaders .....	194.35	
01 22 23 00-0179	MO	Forklift Attachment For Skid-Steer Loaders .....	549.25	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-21.97	
01 22 23 00-0180	DAY	Backhoe Attachment For Skid-Steer Loaders.....	160.55	
01 22 23 00-0181	WK	Backhoe Attachment For Skid-Steer Loaders.....	385.32	
01 22 23 00-0182	MO	Backhoe Attachment For Skid-Steer Loaders.....	958.23	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-38.33	
01 22 23 00-0183	DAY	Broom Attachment For Skid-Steer Loaders .....	158.86	
01 22 23 00-0184	WK	Broom Attachment For Skid-Steer Loaders .....	430.95	
01 22 23 00-0185	MO	Broom Attachment For Skid-Steer Loaders .....	1,140.75	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-45.63	
01 22 23 00-0186	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders.....	138.58	
01 22 23 00-0187	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders.....	381.94	
01 22 23 00-0188	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders.....	1,042.73	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-41.71	
01 22 23 00-0189	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	38.19	
01 22 23 00-0190	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	99.93	
01 22 23 00-0191	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	293.91	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-11.76	
01 22 23 00-0192	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	51.43	
01 22 23 00-0193	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	127.85	
01 22 23 00-0194	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger).....	382.09	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-15.28	
01 22 23 00-0195	DAY	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	74.93	
01 22 23 00-0196	WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	227.80	
01 22 23 00-0197	MO	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) .....	676.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-27.04	
01 22 23 00-0198	DAY	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....	15.21	
01 22 23 00-0199	WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....	35.49	
01 22 23 00-0200	MO	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger) .....	94.64	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-3.79	

## 01 22 23 00-0201

**Bulldozers** (01 22 23 00-0163)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0202	DAY	70 HP, D3 Bulldozer With Full-Time Operator .....	1,443.41	
		<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0203	WK	70 HP, D3 Bulldozer With Full-Time Operator .....	6,742.88	
		<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0204	MO	70 HP, D3 Bulldozer With Full-Time Operator .....	26,800.25	
		<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-209.99	
01 22 23 00-0205	DAY	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	1,655.09	
		<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0206	WK	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	7,598.09	
		<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0207	MO	90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	29,425.18	
		<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-314.99	
01 22 23 00-0208	DAY	140 HP, D6 Bulldozer With Full-Time Operator .....	2,256.29	
		<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0209	WK	140 HP, D6 Bulldozer With Full-Time Operator .....	10,002.87	
		<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0210	MO	140 HP, D6 Bulldozer With Full-Time Operator .....	36,622.55	
		<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-602.89	
01 22 23 00-0211	DAY	200 HP, D7 Bulldozer With Full-Time Operator .....	2,789.74	
		<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0212	WK	200 HP, D7 Bulldozer With Full-Time Operator .....	12,145.14	
		<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0213	MO	200 HP, D7 Bulldozer With Full-Time Operator .....	43,057.85	
		<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-860.30	
01 22 23 00-0214	DAY	335 HP, D8 Bulldozer With Full-Time Operator .....	3,424.80	
		<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0215	WK	335 HP, D8 Bulldozer With Full-Time Operator .....	14,685.39	
		<i>For Equipment Without Operator, Deduct</i>	-4,973.17	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0216 MO 335 HP, D8 Bulldozer With Full-Time Operator .....	50,678.60	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-1,165.13	
01 22 23 00-0217 DAY 460 HP, D9 Bulldozer With Full-Time Operator .....	3,780.44	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0218 WK 460 HP, D9 Bulldozer With Full-Time Operator .....	16,099.47	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0219 MO 460 HP, D9 Bulldozer With Full-Time Operator .....	54,912.35	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-1,334.48	
<b>01 22 23 00-0220 Hydraulic Excavators (01 22 23 00-0163)</b>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0221 DAY 3/8 CY Hydraulic Excavator With Full-Time Operator .....	1,374.60	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0222 WK 3/8 CY Hydraulic Excavator With Full-Time Operator .....	6,317.14	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0223 MO 3/8 CY Hydraulic Excavator With Full-Time Operator .....	26,053.76	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-180.13	
01 22 23 00-0224 DAY 1/2 CY Hydraulic Excavator With Full-Time Operator .....	1,481.56	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0225 WK 1/2 CY Hydraulic Excavator With Full-Time Operator .....	6,788.59	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0226 MO 1/2 CY Hydraulic Excavator With Full-Time Operator .....	27,939.54	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-255.57	
01 22 23 00-0227 DAY 5/8 CY Hydraulic Excavator With Full-Time Operator .....	1,515.33	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0228 WK 5/8 CY Hydraulic Excavator With Full-Time Operator .....	6,964.50	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0229 MO 5/8 CY Hydraulic Excavator With Full-Time Operator .....	28,249.15	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-267.95	
01 22 23 00-0230 DAY 3/4 CY Hydraulic Excavator With Full-Time Operator .....	1,550.51	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0231 WK 3/4 CY Hydraulic Excavator With Full-Time Operator .....	7,126.34	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0232 MO 3/4 CY Hydraulic Excavator With Full-Time Operator .....	28,558.75	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-280.33	
01 22 23 00-0233 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....	1,578.66	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0234 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....	7,295.21	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0235 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator .....	28,868.36	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-292.72	
01 22 23 00-0236 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....	1,958.63	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0237 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....	8,808.06	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0238 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator .....	33,055.08	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-460.19	
01 22 23 00-0239 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....	2,014.92	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0240 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....	9,054.34	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0241 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator .....	33,793.91	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-489.74	
01 22 23 00-0242 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....	2,120.47	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0243 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....	9,476.53	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0244 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator .....	35,060.48	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-540.40	
01 22 23 00-0245 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....	2,240.09	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0246 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....	9,947.98	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0247 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator .....	36,467.78	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-596.70	
01 22 23 00-0248 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....	2,275.27	
For Equipment Without Operator, Deduct	-994.63	
01 22 23 00-0249 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....	10,088.71	
For Equipment Without Operator, Deduct	-4,973.17	
01 22 23 00-0250 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator .....	36,889.97	
For Equipment Without Operator, Deduct	-21,550.40	
For >6 Months (>26 Weeks) , Deduct	-613.58	

<b>01</b>	<b>General Requirements</b>
<b>01 20</b>	<b>Price and Payment Procedures</b>
<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

01 22 23 00-0251	DAY	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	2,613.03	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0252	WK	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	11,446.75	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0253	MO	3	To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	40,971.14	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-776.83	
01 22 23 00-0254	DAY	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	3,098.54	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0255	WK	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	13,374.75	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0256	MO	4	To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	46,741.07	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1,007.63	
01 22 23 00-0257	DAY		Concrete Crusher Attachment .....	98.51	
01 22 23 00-0258	WK		Concrete Crusher Attachment .....	379.97	
01 22 23 00-0259	MO		Concrete Crusher Attachment .....	1,125.84	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-45.03	
01 22 23 00-0260	DAY		1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	436.26	
01 22 23 00-0261	WK		1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,153.99	
01 22 23 00-0262	MO		1,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,229.75	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-129.19	
01 22 23 00-0263	DAY		1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	675.50	
01 22 23 00-0264	WK		1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,723.94	
01 22 23 00-0265	MO		1,500 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	4,482.25	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-179.29	
01 22 23 00-0266	DAY		3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	942.89	
01 22 23 00-0267	WK		3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,540.18	
01 22 23 00-0268	MO		3,000 FT-Lb. Hydraulic Hammer Attachment For Hydraulic Excavators.....	7,120.94	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-284.84	
01 22 23 00-0269	DAY		24" Compaction Wheel Attachment For Hydraulic Excavators .....	197.02	
01 22 23 00-0270	WK		24" Compaction Wheel Attachment For Hydraulic Excavators .....	788.09	
01 22 23 00-0271	MO		24" Compaction Wheel Attachment For Hydraulic Excavators .....	2,364.26	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-94.57	
01 22 23 00-0272	DAY		36" Compaction Wheel Attachment For Hydraulic Excavators .....	281.46	
01 22 23 00-0273	WK		36" Compaction Wheel Attachment For Hydraulic Excavators .....	1,125.84	
01 22 23 00-0274	MO		36" Compaction Wheel Attachment For Hydraulic Excavators .....	3,377.52	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-135.10	
01 22 23 00-0275	DAY		48" Compaction Wheel Attachment For Hydraulic Excavators .....	309.61	
01 22 23 00-0276	WK		48" Compaction Wheel Attachment For Hydraulic Excavators .....	1,224.35	
01 22 23 00-0277	MO		48" Compaction Wheel Attachment For Hydraulic Excavators .....	3,658.98	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-146.36	

### 01 22 23 00-0278 Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0163)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0279	DAY		Gradall, Telescopic Hydraulic Excavator With Full-Time Operator .....	4,416.87	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0280	WK		Gradall, Telescopic Hydraulic Excavator With Full-Time Operator .....	13,016.52	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0281	MO		Gradall, Telescopic Hydraulic Excavator With Full-Time Operator .....	50,258.27	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1,148.31	

### 01 22 23 00-0282 Road Graders (01 22 23 00-0163)

Note: Includes full-time operator. Excludes delivery, set-up, and removal.

01 22 23 00-0283	DAY	50	To 60 HP Road Grader With Full-Time Operator.....	2,347.33	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0284	WK	50	To 60 HP Road Grader With Full-Time Operator.....	8,490.19	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0285	MO	50	To 60 HP Road Grader With Full-Time Operator.....	31,019.30	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-378.76	
01 22 23 00-0286	DAY	80	To 100 HP Road Grader With Full-Time Operator.....	3,014.66	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0287	WK	80	To 100 HP Road Grader With Full-Time Operator.....	9,969.14	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0288	MO	80	To 100 HP Road Grader With Full-Time Operator.....	35,528.30	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-559.12	
01 22 23 00-0289	DAY	130	To 140 HP Road Grader With Full-Time Operator.....	3,512.15	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0290	WK	130	To 140 HP Road Grader With Full-Time Operator.....	11,442.68	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	
01 22 23 00-0291	MO	130	To 140 HP Road Grader With Full-Time Operator.....	40,961.64	
			<i>For Equipment Without Operator, Deduct</i>	-21,550.40	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-776.45	
01 22 23 00-0292	DAY	170	To 185 HP Road Grader With Full-Time Operator.....	4,268.16	
			<i>For Equipment Without Operator, Deduct</i>	-994.63	
01 22 23 00-0293	WK	170	To 185 HP Road Grader With Full-Time Operator.....	18,067.31	
			<i>For Equipment Without Operator, Deduct</i>	-4,973.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0294 MO 170 To 185 HP Road Grader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	67,379.84 -21,550.36 -1,833.18	
<b>01 22 23 00-0295 Loader-Backhoes With Standard Bucket</b> (01 22 23 00-0163) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0296 DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,380.53 -994.63	
01 22 23 00-0297 WK 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	5,889.67 -4,973.17	
01 22 23 00-0298 MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	23,707.28 -21,550.40 -86.28	
01 22 23 00-0299 DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,421.87 -994.63	
01 22 23 00-0300 WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,034.38 -4,973.17	
01 22 23 00-0301 MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	24,589.33 -21,550.40 -121.56	
01 22 23 00-0302 DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,485.61 -994.63	
01 22 23 00-0303 WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,192.88 -4,973.17	
01 22 23 00-0304 MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	25,044.14 -21,550.40 -139.75	
01 22 23 00-0305 DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,769.87 -994.63	
01 22 23 00-0306 WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,040.47 -4,973.17	
01 22 23 00-0307 MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	27,469.77 -21,550.40 -236.77	
<b>01 22 23 00-0308 Heavy-Duty Construction Loaders</b> (01 22 23 00-0163) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0309 DAY 2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,459.77 -994.63	
01 22 23 00-0310 WK 2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,812.26 -4,973.17	
01 22 23 00-0311 MO 2-1/2 CY, 119 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	27,060.52 -21,550.40 -220.40	
01 22 23 00-0312 DAY 3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,846.19 -994.63	
01 22 23 00-0313 WK 3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,234.47 -4,973.17	
01 22 23 00-0314 MO 3 CY, 135 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	27,275.20 -21,550.40 -228.99	
01 22 23 00-0315 DAY 3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,932.07 -994.63	
01 22 23 00-0316 WK 3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,463.46 -4,973.17	
01 22 23 00-0317 MO 3-1/2 CY, 198 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	27,847.68 -21,550.40 -251.89	
01 22 23 00-0318 DAY 4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,168.21 -994.63	
01 22 23 00-0319 WK 4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	8,086.03 -4,973.17	
01 22 23 00-0320 MO 4-1/2 CY, 215 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	29,422.00 -21,550.40 -314.86	
01 22 23 00-0321 DAY 7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,776.47 -994.63	
01 22 23 00-0322 WK 7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	12,086.23 -4,973.17	
01 22 23 00-0323 MO 7-1/3 CY, 330 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	42,875.28 -21,550.40 -853.00	
01 22 23 00-0324 DAY 13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,783.76 -994.63	
01 22 23 00-0325 WK 13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	23,771.78 -4,973.17	
01 22 23 00-0326 MO 13-1/2 CY, 690 HP, Heavy-Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	72,781.71 -21,550.40 -2,049.25	
<b>01 22 23 00-0327 Portable Sediment Tank</b> (01 22 23 00-0163) Note: Includes delivery to job site and pick-up when complete.		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price and Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 22 23 00-0328	WK	Portable Sediment Tank .....	205.10	
	01 22 23 00-0329	MO	Portable Sediment Tank .....	601.63	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-24.07	
<b>01 22 23 00-0330</b>			<b>Shoring</b> <small>(01 22 23 00-0163)</small>		
			Note: Includes delivery to job site and pick-up when complete.		
<b>01 22 23 00-0331</b>			<b>Aluminum Hydraulic Shoring</b> <small>(01 22 23 00-0330)</small>		
			Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
	01 22 23 00-0332	WK	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring .....	120.17	
			Note: Up to 88" spread width.		
	01 22 23 00-0333	MO	2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring .....	354.46	
			Note: Up to 88" spread width.		
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-14.18	
	01 22 23 00-0334	WK	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring .....	161.21	
			Note: Up to 88" spread width.		
	01 22 23 00-0335	MO	Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring .....	475.49	
			Note: Up to 88" spread width.		
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-19.02	
	01 22 23 00-0336	WK	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring .....	298.93	
			Note: Up to 88" spread width.		
	01 22 23 00-0337	MO	Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring .....	881.83	
			Note: Up to 88" spread width.		
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-35.27	
	01 22 23 00-0338	EA	Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores .....	33.05	
	01 22 23 00-0339	EA	Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores .....	52.88	
	01 22 23 00-0340	EA	Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores .....	88.13	
<b>01 22 23 00-0341</b>			<b>Trench Boxes/Trench Shields</b> <small>(01 22 23 00-0163)</small>		
			Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
	01 22 23 00-0342	WK	4' x 6' Trench Box With Up To 48" Spreaders .....	256.08	
	01 22 23 00-0343	MO	4' x 6' Trench Box With Up To 48" Spreaders .....	768.23	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-30.73	
	01 22 23 00-0344	WK	6' x 6' Trench Box With Up To 48" Spreaders .....	289.12	
	01 22 23 00-0345	MO	6' x 6' Trench Box With Up To 48" Spreaders .....	867.35	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-34.69	
	01 22 23 00-0346	WK	8' x 6' Trench Box With Up To 48" Spreaders .....	305.64	
	01 22 23 00-0347	MO	8' x 6' Trench Box With Up To 48" Spreaders .....	916.92	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-36.68	
	01 22 23 00-0348	WK	4' x 8' Trench Box With Up To 48" Spreaders .....	280.86	
	01 22 23 00-0349	MO	4' x 8' Trench Box With Up To 48" Spreaders .....	842.57	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-33.70	
	01 22 23 00-0350	WK	6' x 8' Trench Box With Up To 48" Spreaders .....	330.42	
	01 22 23 00-0351	MO	6' x 8' Trench Box With Up To 48" Spreaders .....	991.26	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-39.65	
	01 22 23 00-0352	WK	8' x 8' Trench Box With Up To 48" Spreaders .....	371.72	
	01 22 23 00-0353	MO	8' x 8' Trench Box With Up To 48" Spreaders .....	1,115.17	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-44.61	
	01 22 23 00-0354	WK	4' x 10' Trench Box With Up To 48" Spreaders .....	313.90	
	01 22 23 00-0355	MO	4' x 10' Trench Box With Up To 48" Spreaders .....	941.70	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-37.67	
	01 22 23 00-0356	WK	6' x 10' Trench Box With Up To 48" Spreaders .....	371.72	
	01 22 23 00-0357	MO	6' x 10' Trench Box With Up To 48" Spreaders .....	1,115.17	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-44.61	
	01 22 23 00-0358	WK	8' x 10' Trench Box With Up To 48" Spreaders .....	454.33	
	01 22 23 00-0359	MO	8' x 10' Trench Box With Up To 48" Spreaders .....	1,354.72	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-54.19	
	01 22 23 00-0360	WK	4' x 12' Trench Box With Up To 48" Spreaders .....	371.72	
	01 22 23 00-0361	MO	4' x 12' Trench Box With Up To 48" Spreaders .....	1,115.17	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-44.61	
	01 22 23 00-0362	WK	6' x 12' Trench Box With Up To 48" Spreaders .....	454.33	
	01 22 23 00-0363	MO	6' x 12' Trench Box With Up To 48" Spreaders .....	1,362.98	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-54.52	
	01 22 23 00-0364	WK	8' x 12' Trench Box With Up To 48" Spreaders .....	578.24	
	01 22 23 00-0365	MO	8' x 12' Trench Box With Up To 48" Spreaders .....	1,734.70	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-69.39	
	01 22 23 00-0366	WK	4' x 14' Trench Box With Up To 48" Spreaders .....	413.02	
	01 22 23 00-0367	MO	4' x 14' Trench Box With Up To 48" Spreaders .....	1,239.08	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-49.56	
	01 22 23 00-0368	WK	6' x 14' Trench Box With Up To 48" Spreaders .....	536.93	
	01 22 23 00-0369	MO	6' x 14' Trench Box With Up To 48" Spreaders .....	1,610.80	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-64.43	
	01 22 23 00-0370	WK	8' x 14' Trench Box With Up To 48" Spreaders .....	660.84	
	01 22 23 00-0371	MO	8' x 14' Trench Box With Up To 48" Spreaders .....	1,982.52	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-79.30	
	01 22 23 00-0372	WK	4' x 16' Trench Box With Up To 48" Spreaders .....	454.33	
	01 22 23 00-0373	MO	4' x 16' Trench Box With Up To 48" Spreaders .....	1,362.98	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-54.52	
	01 22 23 00-0374	WK	6' x 16' Trench Box With Up To 48" Spreaders .....	619.54	
	01 22 23 00-0375	MO	6' x 16' Trench Box With Up To 48" Spreaders .....	1,858.61	
			<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-74.34	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 22 23 00-0376	WK		8' x 16' Trench Box With Up To 48" Spreaders.....	743.44	
	01 22 23 00-0377	MO		8' x 16' Trench Box With Up To 48" Spreaders.....	2,230.34	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-89.21	
	01 22 23 00-0378	WK		4' x 20' Trench Box With Up To 48" Spreaders.....	536.93	
	01 22 23 00-0379	MO		4' x 20' Trench Box With Up To 48" Spreaders.....	1,610.80	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-64.43	
	01 22 23 00-0380	WK		6' x 20' Trench Box With Up To 48" Spreaders.....	743.44	
	01 22 23 00-0381	MO		6' x 20' Trench Box With Up To 48" Spreaders.....	2,230.34	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-89.21	
	01 22 23 00-0382	WK		8' x 20' Trench Box With Up To 48" Spreaders.....	867.35	
	01 22 23 00-0383	MO		8' x 20' Trench Box With Up To 48" Spreaders.....	2,602.06	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-104.08	
	01 22 23 00-0384	WK		4' x 24' Trench Box With Up To 48" Spreaders.....	743.44	
	01 22 23 00-0385	MO		4' x 24' Trench Box With Up To 48" Spreaders.....	2,230.34	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-89.21	
	01 22 23 00-0386	WK		6' x 24' Trench Box With Up To 48" Spreaders.....	908.66	
	01 22 23 00-0387	MO		6' x 24' Trench Box With Up To 48" Spreaders.....	2,725.96	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-109.04	
	01 22 23 00-0388	WK		8' x 24' Trench Box With Up To 48" Spreaders.....	991.26	
	01 22 23 00-0389	MO		8' x 24' Trench Box With Up To 48" Spreaders.....	2,973.78	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-118.95	
	01 22 23 00-0390	WK		For Spreaders >48" To 84", Add.....	24.78	
	01 22 23 00-0391	MO		For Spreaders >48" To 84", Add.....	74.34	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-2.97	
	01 22 23 00-0392	WK		For Spreaders >84" To 120", Add.....	148.69	
	01 22 23 00-0393	MO		For Spreaders >84" To 120", Add.....	446.07	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-17.84	
	01 22 23 00-0394	WK		For Spreaders >120", Add.....	313.90	
	01 22 23 00-0395	MO		For Spreaders >120", Add.....	941.70	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-37.67	
	01 22 23 00-0396	WK		8' x 4' Manhole Box.....	390.31	
	01 22 23 00-0397	MO		8' x 4' Manhole Box.....	1,170.93	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-46.84	
	01 22 23 00-0398	WK		8' x 8' Manhole Box.....	557.58	
	01 22 23 00-0399	MO		8' x 8' Manhole Box.....	1,672.75	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-66.91	
<b>01 22 23 00-0400</b>	<b>Heavy Equipment (Ground Protection) Mats <small>(01 22 23 00-0163)</small></b>					
	Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization.					
	01 22 23 00-0401	DAY		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	24.47	
	01 22 23 00-0402	WK		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	58.25	
	01 22 23 00-0403	MO		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	122.33	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-4.89	
	01 22 23 00-0404	DAY		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	25.69	
	01 22 23 00-0405	WK		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	61.16	
	01 22 23 00-0406	MO		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	128.45	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-5.14	
	01 22 23 00-0407	Day		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	20.80	
	01 22 23 00-0408	WK		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	48.93	
	01 22 23 00-0409	MO		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	103.98	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-4.16	
	01 22 23 00-0410	Day		18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	23.24	
	01 22 23 00-0411	WK		18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	55.05	
	01 22 23 00-0412	MO		18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	116.21	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-4.65	
	01 22 23 00-0413	Day		20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	25.69	
	01 22 23 00-0414	WK		20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	61.16	
	01 22 23 00-0415	MO		20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	128.45	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-5.14	
	01 22 23 00-0416	Day		24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	28.14	
	01 22 23 00-0417	WK		24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	66.99	
	01 22 23 00-0418	MO		24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	140.68	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-5.63	
	01 22 23 00-0419	Day		12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	22.02	
	01 22 23 00-0420	WK		12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	61.16	
	01 22 23 00-0421	MO		12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	110.10	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-4.40	
	01 22 23 00-0422	Day		16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	25.69	
	01 22 23 00-0423	WK		16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	61.16	
	01 22 23 00-0424	MO		16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	128.45	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-5.14	
	01 22 23 00-0425	Day		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	30.58	
	01 22 23 00-0426	WK		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	67.28	
	01 22 23 00-0427	MO		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	152.91	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-6.12	
	01 22 23 00-0428	Day		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	33.03	
	01 22 23 00-0429	WK		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	78.64	
	01 22 23 00-0430	MO		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	165.15	
				<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-6.61	
	01 22 23 00-0431	Day		28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	35.48	
	01 22 23 00-0432	WK		28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	84.47	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

01 22 23 00-0433	MO	28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	177.38	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-7.10	
01 22 23 00-0434	Day	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	36.70	
01 22 23 00-0435	WK	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	87.38	
01 22 23 00-0436	MO	30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	183.50	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-7.34	
01 22 23 00-0437	Day	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.77	
01 22 23 00-0438	WK	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.42	
01 22 23 00-0439	MO	14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	88.26	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-3.53	
01 22 23 00-0440	Day	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.07	
01 22 23 00-0441	WK	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	35.17	
01 22 23 00-0442	MO	14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	105.51	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-4.22	
01 22 23 00-0443	Day	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.07	
01 22 23 00-0444	WK	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	40.16	
01 22 23 00-0445	MO	16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	120.50	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-4.82	
01 22 23 00-0446	Day	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.13	
01 22 23 00-0447	WK	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.82	
01 22 23 00-0448	MO	14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	128.45	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-5.14	
01 22 23 00-0449	Day	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.57	
01 22 23 00-0450	WK	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	48.93	
01 22 23 00-0451	MO	16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	146.80	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-5.87	
01 22 23 00-0452	Day	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.49	
01 22 23 00-0453	WK	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.23	
01 22 23 00-0454	MO	16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	168.69	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-6.75	
01 22 23 00-0455	Day	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.31	
01 22 23 00-0456	WK	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	43.26	
01 22 23 00-0457	MO	24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	129.79	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-5.19	
01 22 23 00-0458	Day	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	23.43	
01 22 23 00-0459	WK	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	58.58	
01 22 23 00-0460	MO	30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	175.73	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-7.03	
01 22 23 00-0461	Day	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	20.26	
01 22 23 00-0462	WK	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	50.64	
01 22 23 00-0463	MO	24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	151.93	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-6.08	
01 22 23 00-0464	Day	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	33.79	
01 22 23 00-0465	WK	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	84.46	
01 22 23 00-0466	MO	40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	253.39	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-10.14	
01 22 23 00-0467	Day	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.01	
01 22 23 00-0468	WK	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	90.03	
01 22 23 00-0469	MO	40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	270.10	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-10.80	

01 22 23 00-0470 **General Equipment** (01 22 23)

01 22 23 00-0471 **Jacks And Bracing** (01 22 23 00-0470)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0472 **Shores/Braces** (01 22 23 00-0471)

01 22 23 00-0473	MO	Up To 5' Height, Adjustable Tubular Steel Shoring	15.78	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-0.63	
01 22 23 00-0474	MO	Up To 10' Height, Adjustable Tubular Steel Shoring	20.28	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-0.81	
01 22 23 00-0475	MO	>10' To 16' Height, Adjustable Tubular Steel Shoring	27.04	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-1.08	
01 22 23 00-0476	MO	Up To 10' Height, Adjustable Wood Shoring	5.59	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-0.22	
01 22 23 00-0477	MO	>10' To 16' Height, Adjustable Wood Shoring	7.46	
		<i>For &gt;6 Months (&gt;26 Weeks), Deduct</i>	-0.30	
01 22 23 00-0478	EA	Erect And Strip Shores To 10'	13.22	
		<i>For &gt;20 To 50, Deduct</i>	-1.98	
		<i>For &gt;50 To 100, Deduct</i>	-4.63	
		<i>For &gt;100, Deduct</i>	-7.27	
01 22 23 00-0479	EA	Erect And Strip Shores To 13'	15.87	
		<i>For &gt;20 To 50, Deduct</i>	-2.38	
		<i>For &gt;50 To 100, Deduct</i>	-5.55	
		<i>For &gt;100, Deduct</i>	-8.73	
01 22 23 00-0480	EA	Erect And Strip Shores To 16'	18.50	
		<i>For &gt;20 To 50, Deduct</i>	-2.78	
		<i>For &gt;50 To 100, Deduct</i>	-6.48	
		<i>For &gt;100, Deduct</i>	-10.18	

01 22 23 00-0481 **Confined Space Entry Equipment** (01 22 23 00-0470)

Note: Includes delivery to job site, set-up, and pick-up when complete.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0482 DAY Ventilation Equipment For Confined Space ..... Note: Includes electric or gas blower and ventilation duct up to 25'.	53.61	
01 22 23 00-0483 WK Ventilation Equipment For Confined Space ..... Note: Includes electric or gas blower and ventilation duct up to 25'.	160.84	
01 22 23 00-0484 MO Ventilation Equipment For Confined Space ..... Note: Includes electric or gas blower and ventilation duct up to 25'.	479.96	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-19.20	
01 22 23 00-0485 DAY Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly.....	65.54	
01 22 23 00-0486 WK Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly.....	196.62	
01 22 23 00-0487 MO Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly.....	589.86	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-23.59	
01 22 23 00-0488 DAY Confined Space Air Monitor Personnel..... Note: Per person day.	841.19	
<b>01 22 23 00-0489 Geophysical Instruments</b> <small>(01 22 23 00-0470)</small> Note: Includes delivery, set-up, and removal. Excludes prep fee.		
01 22 23 00-0490 DAY Schonstedt GA72 CD Fluxgate Magnetometer..... Note: The Model GA-72Cd Magnetic Locator detects the magnetic field of ferromagnetic objects. It responds to the difference in the magnetic field between two sensors which are spaced about 14 inches apart. The GA-72Cd is unique because it provides an audio signal, and visual indications of both signal strength and polarity. Although most objects can be located using either of the indications, simultaneous use of both types will help you pinpoint a target and determine its orientation and identify magnetically detectable non-metallic duct and cable.	22.87	
01 22 23 00-0491 DAY Geometrics G858 Magnetometer..... Note: Displays coordinate grid, survey direction and five stacked profiles of mag data. Produces hard-copy maps within minutes of connection to PC. Comprised of a belt-mounted display/logging console connected to a cesium sensor mounted on a handheld counterbalanced staff. The console contains electronics to acquire magnetic field data with position and display it on an LCD screen for review and edit. The console stores high volumes of data in memory. Following the survey the data is transmitted at high speed to a processing computer for detailed analysis.	149.89	
<b>01 22 23 00-0492 Direct Fired Space Heaters</b> <small>(01 22 23 00-0470)</small> Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0493 DAY 150,000 BTU/Hour Space Heater.....	77.23	
01 22 23 00-0494 WK 150,000 BTU/Hour Space Heater.....	222.03	
01 22 23 00-0495 MO 150,000 BTU/Hour Space Heater.....	627.48	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-25.10	
<b>01 22 23 00-0496 Pumping Equipment</b> <small>(01 22 23)</small>		
<b>01 22 23 00-0497 Gas Powered Portable Centrifugal Pumps</b> <small>(01 22 23 00-0496)</small> Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-0514 for larger diameter pumps.		
01 22 23 00-0498 DAY 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump .....	79.62	
01 22 23 00-0499 WK 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump .....	179.14	
01 22 23 00-0500 MO 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump .....	477.72	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-19.11	
01 22 23 00-0501 DAY 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump .....	95.54	
01 22 23 00-0502 WK 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump .....	214.97	
01 22 23 00-0503 MO 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump .....	573.26	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-22.93	
<b>01 22 23 00-0504 Gas Powered Portable Trash Pumps</b> <small>(01 22 23 00-0496)</small> Note: Includes delivery to job site and pick-up when complete. Excludes operator. See CSI section 01 22 23 00-0588 for operator.		
01 22 23 00-0505 DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	115.45	
01 22 23 00-0506 WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	238.86	
01 22 23 00-0507 MO 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	716.58	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-28.66	
01 22 23 00-0508 DAY 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	115.45	
01 22 23 00-0509 WK 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	308.53	
01 22 23 00-0510 MO 25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	845.96	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-33.84	
01 22 23 00-0511 DAY 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	183.13	
01 22 23 00-0512 WK 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	517.53	
01 22 23 00-0513 MO 35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,502.83	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-60.11	
<b>01 22 23 00-0514 Diesel Powered Portable Trash Pumps</b> <small>(01 22 23 00-0496)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0515 DAY 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....	358.29	
01 22 23 00-0516 WK 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....	975.34	
01 22 23 00-0517 MO 63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump .....	4,249.72	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-169.99	
01 22 23 00-0518 DAY 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	547.39	
01 22 23 00-0519 WK 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	1,433.16	
01 22 23 00-0520 MO 156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	3,811.81	
<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-152.47	
01 22 23 00-0521 DAY 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	744.45	
01 22 23 00-0522 WK 246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump .....	1,992.49	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 20</b>	<b>Price and Payment Procedures</b>
	<b>01 22</b>	<b>Unit Prices</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
01 22 23 00-0523	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,330.56	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-213.22	
01 22 23 00-0524	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	963.40	
01 22 23 00-0525	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,460.26	
01 22 23 00-0526	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	7,225.52	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-289.02	
<b>01 22 23 00-0527 Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-0496)</b>				
Note: Includes delivery, set-up, and removal. Excludes operator.				
01 22 23 00-0528	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	511.56	
01 22 23 00-0529	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,164.44	
01 22 23 00-0530	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,630.67	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-145.23	
01 22 23 00-0531	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	627.01	
01 22 23 00-0532	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,562.54	
01 22 23 00-0533	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,249.72	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-169.99	
01 22 23 00-0534	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	756.39	
01 22 23 00-0535	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,237.32	
01 22 23 00-0536	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	6,240.22	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-249.61	
01 22 23 00-0537	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,138.57	
01 22 23 00-0538	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,908.12	
01 22 23 00-0539	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	8,539.24	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-341.57	
<b>01 22 23 00-0540 3 Phase Electric Submersible Pumps (01 22 23 00-0496)</b>				
Note: Includes delivery to job site and pick-up when complete. Excludes operator. See CSI section 01 22 23 00-0588 for operator.				
01 22 23 00-0541	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	199.05	
01 22 23 00-0542	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	497.62	
01 22 23 00-0543	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,492.88	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-59.72	
01 22 23 00-0544	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	262.75	
01 22 23 00-0545	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	656.86	
01 22 23 00-0546	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,970.60	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-78.82	
<b>01 22 23 00-0547 Suction Hose With Couplings (01 22 23 00-0496)</b>				
Note: Includes delivery, set-up, and removal.				
01 22 23 00-0548	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00	
01 22 23 00-0549	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00	
01 22 23 00-0550	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.84	
01 22 23 00-0551	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00	
01 22 23 00-0552	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00	
01 22 23 00-0553	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-5.00	
01 22 23 00-0554	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	24.00	
01 22 23 00-0555	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00	
01 22 23 00-0556	MO	4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-7.40	
01 22 23 00-0557	DAY	6" Inside Diameter, 20' Length, Suction Hose With Couplings	30.00	
01 22 23 00-0558	WK	6" Inside Diameter, 20' Length, Suction Hose With Couplings	75.00	
01 22 23 00-0559	MO	6" Inside Diameter, 20' Length, Suction Hose With Couplings	220.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-8.80	
01 22 23 00-0560	DAY	10" Inside Diameter, 20' Length, Suction Hose With Couplings	70.00	
01 22 23 00-0561	WK	10" Inside Diameter, 20' Length, Suction Hose With Couplings	180.00	
01 22 23 00-0562	MO	10" Inside Diameter, 20' Length, Suction Hose With Couplings	530.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-21.20	
01 22 23 00-0563	DAY	12" Inside Diameter, 20' Length, Suction Hose With Couplings	94.00	
01 22 23 00-0564	WK	12" Inside Diameter, 20' Length, Suction Hose With Couplings	205.00	
01 22 23 00-0565	MO	12" Inside Diameter, 20' Length, Suction Hose With Couplings	615.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-24.60	
<b>01 22 23 00-0566 Discharge Hose With Couplings (01 22 23 00-0496)</b>				
Note: Includes delivery, set-up, and removal.				
01 22 23 00-0567	DAY	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-0568	WK	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-0569	MO	1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.84	
01 22 23 00-0570	DAY	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-0571	WK	2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0572 MO 2" Inside Diameter, 50' Length, Discharge Hose With Couplings .....53.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -2.12	53.00	
01 22 23 00-0573 DAY 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....8.00	8.00	
01 22 23 00-0574 WK 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....20.00	20.00	
01 22 23 00-0575 MO 3" Inside Diameter, 50' Length, Discharge Hose With Couplings .....61.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -2.44	61.00	
01 22 23 00-0576 DAY 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....21.00	21.00	
01 22 23 00-0577 WK 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....54.00	54.00	
01 22 23 00-0578 MO 4" Inside Diameter, 50' Length, Discharge Hose With Couplings .....155.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -6.20	155.00	
01 22 23 00-0579 DAY 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....26.00	26.00	
01 22 23 00-0580 WK 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....71.00	71.00	
01 22 23 00-0581 MO 6" Inside Diameter, 50' Length, Discharge Hose With Couplings .....195.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -7.80	195.00	
01 22 23 00-0582 DAY 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....20.00	20.00	
01 22 23 00-0583 WK 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....50.00	50.00	
01 22 23 00-0584 MO 10" Inside Diameter, 10' Length, Discharge Hose With Couplings .....150.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -6.00	150.00	
01 22 23 00-0585 DAY 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....51.00	51.00	
01 22 23 00-0586 WK 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....130.00	130.00	
01 22 23 00-0587 MO 12" Inside Diameter, 10' Length, Discharge Hose With Couplings .....385.00 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -15.40	385.00	
<b>01 22 23 00-0588 Pump Site Set-up and Operations (01 22 23 00-0496)</b>		
01 22 23 00-0589 EA Set-up Pump.....211.51	211.51	
01 22 23 00-0590 LF Set-up Pump Hoses.....0.66 Note: Includes removal after use.	0.66	
01 22 23 00-0591 DAY Operator To Fill Storage Tank Or Drum.....846.01	846.01	
01 22 23 00-0592 DAY Operation Of Pump.....211.51 Note: Includes re-filling fuel, checking on pump and hoses during operation.	211.51	
<b>01 22 23 00-0593 Hydraulic Submersible Pumps (01 22 23 00-0496)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
<b>01 22 23 00-0594 Hydraulic Submersible Pumps (01 22 23 00-0593)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0595 DAY 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....131.37	131.37	
01 22 23 00-0596 WK 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....352.32	352.32	
01 22 23 00-0597 MO 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump .....985.30 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -39.41	985.30	
01 22 23 00-0598 DAY 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....167.20	167.20	
01 22 23 00-0599 WK 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....429.95	429.95	
01 22 23 00-0600 MO 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump .....1,313.73 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -52.55	1,313.73	
<b>01 22 23 00-0601 Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-0593)</b>		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0602 DAY 100 HP, Hydraulic Submersible Pump Diesel Power Pack .....303.55	303.55	
01 22 23 00-0603 WK 100 HP, Hydraulic Submersible Pump Diesel Power Pack .....905.68	905.68	
01 22 23 00-0604 MO 100 HP, Hydraulic Submersible Pump Diesel Power Pack .....2,388.60 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -95.54	2,388.60	
<b>01 22 23 00-0605 HDPE Pipe With Couplings (01 22 23 00-0496)</b>		
Note: Includes delivery, set-up, and removal.		
01 22 23 00-0606 DAY 4" x 50' HDPE Pipe With Couplings .....9.12	9.12	
01 22 23 00-0607 WK 4" x 50' HDPE Pipe With Couplings .....21.89	21.89	
01 22 23 00-0608 MO 4" x 50' HDPE Pipe With Couplings .....67.50 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -2.70	67.50	
01 22 23 00-0609 DAY 6" x 50' HDPE Pipe With Couplings .....14.59	14.59	
01 22 23 00-0610 WK 6" x 50' HDPE Pipe With Couplings .....36.48	36.48	
01 22 23 00-0611 MO 6" x 50' HDPE Pipe With Couplings .....111.28 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -4.45	111.28	
01 22 23 00-0612 DAY 8" x 50' HDPE Pipe With Couplings .....23.71	23.71	
01 22 23 00-0613 WK 8" x 50' HDPE Pipe With Couplings .....62.02	62.02	
01 22 23 00-0614 MO 8" x 50' HDPE Pipe With Couplings .....184.24 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -7.37	184.24	
01 22 23 00-0615 DAY 10" x 50' HDPE Pipe With Couplings .....29.19	29.19	
01 22 23 00-0616 WK 10" x 50' HDPE Pipe With Couplings .....74.79	74.79	
01 22 23 00-0617 MO 10" x 50' HDPE Pipe With Couplings .....228.02 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -9.12	228.02	
01 22 23 00-0618 DAY 12" x 20' HDPE Pipe With Couplings .....21.89	21.89	
01 22 23 00-0619 WK 12" x 20' HDPE Pipe With Couplings .....60.20	60.20	
01 22 23 00-0620 MO 12" x 20' HDPE Pipe With Couplings .....182.42 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -7.30	182.42	
01 22 23 00-0621 DAY 4" Elbow For HDPE Pipe, Quick Connect.....21.89	21.89	
01 22 23 00-0622 WK 4" Elbow For HDPE Pipe, Quick Connect.....56.55	56.55	
01 22 23 00-0623 MO 4" Elbow For HDPE Pipe, Quick Connect.....167.83 <i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i> -6.71	167.83	
01 22 23 00-0624 DAY 6" Elbow For HDPE Pipe, Quick Connect.....25.54	25.54	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

01 22 23 00-0625	WK	6" Elbow For HDPE Pipe, Quick Connect	65.67	
01 22 23 00-0626	MO	6" Elbow For HDPE Pipe, Quick Connect	200.66	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-8.03	
01 22 23 00-0627	DAY	8" Elbow For HDPE Pipe, Quick Connect	29.19	
01 22 23 00-0628	WK	8" Elbow For HDPE Pipe, Quick Connect	74.79	
01 22 23 00-0629	MO	8" Elbow For HDPE Pipe, Quick Connect	228.02	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-9.12	
01 22 23 00-0630	DAY	10" Elbow For HDPE Pipe, Quick Connect	36.48	
01 22 23 00-0631	WK	10" Elbow For HDPE Pipe, Quick Connect	93.03	
01 22 23 00-0632	MO	10" Elbow For HDPE Pipe, Quick Connect	282.75	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-11.31	
01 22 23 00-0633	DAY	12" Elbow For HDPE Pipe, Quick Connect	36.48	
01 22 23 00-0634	WK	12" Elbow For HDPE Pipe, Quick Connect	93.03	
01 22 23 00-0635	MO	12" Elbow For HDPE Pipe, Quick Connect	282.75	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-11.31	
01 22 23 00-0636	DAY	4" Tee For HDPE Pipe, Quick Connect	21.89	
01 22 23 00-0637	WK	4" Tee For HDPE Pipe, Quick Connect	56.55	
01 22 23 00-0638	MO	4" Tee For HDPE Pipe, Quick Connect	167.83	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-6.71	
01 22 23 00-0639	DAY	6" Tee For HDPE Pipe, Quick Connect	29.19	
01 22 23 00-0640	WK	6" Tee For HDPE Pipe, Quick Connect	74.79	
01 22 23 00-0641	MO	6" Tee For HDPE Pipe, Quick Connect	228.02	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-9.12	
01 22 23 00-0642	DAY	8" Tee For HDPE Pipe, Quick Connect	36.48	
01 22 23 00-0643	WK	8" Tee For HDPE Pipe, Quick Connect	93.03	
01 22 23 00-0644	MO	8" Tee For HDPE Pipe, Quick Connect	282.75	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-11.31	
01 22 23 00-0645	DAY	10" Tee For HDPE Pipe, Quick Connect	43.78	
01 22 23 00-0646	WK	10" Tee For HDPE Pipe, Quick Connect	111.28	
01 22 23 00-0647	MO	10" Tee For HDPE Pipe, Quick Connect	337.48	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-13.50	
01 22 23 00-0648	DAY	12" Tee For HDPE Pipe, Quick Connect	43.78	
01 22 23 00-0649	WK	12" Tee For HDPE Pipe, Quick Connect	111.28	
01 22 23 00-0650	MO	12" Tee For HDPE Pipe, Quick Connect	337.48	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-13.50	
01 22 23 00-0651	DAY	4" Cap For HDPE Pipe, Quick Connect	3.65	
01 22 23 00-0652	WK	4" Cap For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0653	MO	4" Cap For HDPE Pipe, Quick Connect	32.84	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.31	
01 22 23 00-0654	DAY	6" Cap For HDPE Pipe, Quick Connect	3.65	
01 22 23 00-0655	WK	6" Cap For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0656	MO	6" Cap For HDPE Pipe, Quick Connect	32.84	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.31	
01 22 23 00-0657	DAY	8" Cap For HDPE Pipe, Quick Connect	3.65	
01 22 23 00-0658	WK	8" Cap For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0659	MO	8" Cap For HDPE Pipe, Quick Connect	32.84	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.31	
01 22 23 00-0660	DAY	10" Cap For HDPE Pipe, Quick Connect	3.65	
01 22 23 00-0661	WK	10" Cap For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0662	MO	10" Cap For HDPE Pipe, Quick Connect	32.84	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.31	
01 22 23 00-0663	DAY	12" Cap For HDPE Pipe, Quick Connect	3.65	
01 22 23 00-0664	WK	12" Cap For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0665	MO	12" Cap For HDPE Pipe, Quick Connect	32.84	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-1.31	
01 22 23 00-0666	DAY	4" Wye For HDPE Pipe, Quick Connect	10.95	
01 22 23 00-0667	WK	4" Wye For HDPE Pipe, Quick Connect	27.36	
01 22 23 00-0668	MO	4" Wye For HDPE Pipe, Quick Connect	83.91	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-3.36	
01 22 23 00-0669	DAY	6" Wye For HDPE Pipe, Quick Connect	12.77	
01 22 23 00-0670	WK	6" Wye For HDPE Pipe, Quick Connect	32.84	
01 22 23 00-0671	MO	6" Wye For HDPE Pipe, Quick Connect	100.33	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-4.01	
01 22 23 00-0672	DAY	8" Wye For HDPE Pipe, Quick Connect	21.89	
01 22 23 00-0673	WK	8" Wye For HDPE Pipe, Quick Connect	56.55	
01 22 23 00-0674	MO	8" Wye For HDPE Pipe, Quick Connect	167.83	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-6.71	
01 22 23 00-0675	DAY	10" Wye For HDPE Pipe, Quick Connect	32.84	
01 22 23 00-0676	WK	10" Wye For HDPE Pipe, Quick Connect	83.91	
01 22 23 00-0677	MO	10" Wye For HDPE Pipe, Quick Connect	255.39	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-10.22	
01 22 23 00-0678	DAY	12" Wye For HDPE Pipe, Quick Connect	32.84	
01 22 23 00-0679	WK	12" Wye For HDPE Pipe, Quick Connect	83.91	
01 22 23 00-0680	MO	12" Wye For HDPE Pipe, Quick Connect	255.39	
		<i>For &gt;6 Months (&gt;26 Weeks) , Deduct</i>	-10.22	

01 22 23 00-0681 Truck And Trailer Equipment (01 22 23)

01 22 23 00-0682 Trucks (01 22 23 00-0681)  
Note: Includes driver, delivery to job site and pick-up when complete.

01 22 23 00-0683 Rear Dump Trucks (01 22 23 00-0682)





<b>General Requirements</b>			<b>01</b>
Price and Payment Procedures			01 20
Unit Prices			01 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0684 DAY 10 CY Rear Dump Truck, With Full-Time Truck Driver .....	2,550.07	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0685 WK 10 CY Rear Dump Truck, With Full-Time Truck Driver .....	7,836.56	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0686 MO 10 CY Rear Dump Truck, With Full-Time Truck Driver .....	26,719.13	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-441.45	
01 22 23 00-0687 DAY 20 CY Rear Dump Truck, With Full-Time Truck Driver .....	2,732.70	
For Equipment Without Operator, Deduct	-723.82	
01 22 23 00-0688 WK 20 CY Rear Dump Truck, With Full-Time Truck Driver .....	8,258.30	
For Equipment Without Operator, Deduct	-3,619.10	
01 22 23 00-0689 MO 20 CY Rear Dump Truck, With Full-Time Truck Driver .....	27,822.76	
For Equipment Without Operator, Deduct	-15,682.79	
For >6 Months (>26 Weeks) , Deduct	-485.60	

**01 30 Administrative Requirements** (01)

**01 31 Project Management and Coordination** (01 30)

**01 31 33 Project Minimum Labor Costs** (01 31)

**01 31 33 00-0001 Project Minimum Labor Cost** (01 31 33)

Note: The Minimum Labor Cost is to be used for the work of individual Contractors or Subcontractors and is based on a half day minimum charge. Not for use on existing projects where the Contractor or Subcontractor performing the work is already on site and is not required to re-mobilize. Use the Minimum Labor Cost only when the sum of the labor component for all individual work tasks relating to the work of an individual Contractor or Subcontractor is less than the Minimum Labor Cost. When using the Minimum Labor Cost, delete the labor component from all applicable CTC work tasks. The Contractor is still entitled to the material and equipment components of the appropriate work tasks necessary to complete the work.

01 31 33 00-0002 EA Minimum Labor Cost, 1 Person Crew Size .....	420.60	
For Full Day Minimum Charge, Add	420.60	
01 31 33 00-0003 EA Minimum Labor Cost, 2 Person Crew Size .....	894.08	
For Full Day Minimum Charge, Add	894.08	
01 31 33 00-0004 EA Minimum Labor Cost, 3 Person Crew Size .....	1,314.67	
For Full Day Minimum Charge, Add	1,314.67	

**01 40 Quality Requirements** (01)

**01 41 Regulatory Requirements** (01 40)

**01 41 26 Permit Requirements** (01 41)

See CSI section 01 22 16 00-0005 for reimbursable fees.

**01 42 References** (01 40)

**01 42 13 Abbreviations and Acronyms** (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 13 00-0001 NTE Abbreviations And Acronyms .....	0.00	
Note: For specification publishing. Review specifications for requirements.		

**01 42 16 Definitions** (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 16 00-0001 NTE Definitions .....	0.00	
Note: For specification publishing. Review specifications for requirements.		

**01 42 19 Reference Standards** (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 19 00-0001 NTE Reference Standards .....	0.00	
Note: For specification publishing. Review specifications for requirements.		

**01 42 21 Construction Suppliers or Vendor List** (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 21 00-0001 NTE Construction Suppliers or Vendor List .....	0.00	
Note: For specification publishing. Review specifications for requirements.		

**01 45 Quality Control** (01 40)

Note: Refer to section specifications for testing included with other sections.

**01 45 23 Testing and Inspecting Services** (01 45)

Note: For application to existing materials/site conditions or additional testing over specifications stated tests. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

**01 45 23 00-0001 Soils/Aggregate Testing** (01 45 23)

**01 45 23 00-0002 Field Soils Tests** (01 45 23 00-0001)

01 45 23 00-0003 EA Plasticity Index Soils Test, ASTM D-4318, Field Soils Test .....	350.72	
01 45 23 00-0004 EA 4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....	497.79	

**01 General Requirements****01 40 Quality Requirements****01 45 Quality Control**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0005	EA		6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test .....	565.68	
01 45 23 00-0006	EA		Resistance (R) Value Soils Test, CA 301, Field Soils Test .....	452.54	
01 45 23 00-0007	EA		Soils Classification Test, ASTM D-2487, Field Soils Test .....	678.81	
01 45 23 00-0008	SET		Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	1,357.19	
01 45 23 00-0009	EA		Moisture Content, Field Soils Test .....	50.89	
01 45 23 00-0010	EA		UBC Or Swell Test, Field Soils Test .....	135.76	
01 45 23 00-0011	EA		Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	339.30	
01 45 23 00-0012	EA		Proctor Compaction 6" Standard Mold, Field Soils Test .....	424.12	
01 45 23 00-0013	EA		Density And Classification Test, Field Soils Test .....	103.34	
01 45 23 00-0014	EA		Percolation Test, Field Soils Test .....	258.36	
01 45 23 00-0015	EA		Infiltration Test, Field Soils Test .....	516.71	
<b>01 45 23 00-0016</b>			<b>Aggregate Testing</b> <small>(01 45 23 00-0001)</small>		
01 45 23 00-0017	EA		Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202 .....	113.14	
01 45 23 00-0018	EA		Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	203.64	
01 45 23 00-0019	EA		Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202 .....	282.84	
01 45 23 00-0020	EA		Sieve Analysis, Pit Run, ASTM C136 .....	167.93	
			Note: Includes wash.		
01 45 23 00-0021	EA		Specific Special Gravity, Course, ASTM C127 .....	179.76	
			Note: Includes absorption test.		
01 45 23 00-0022	EA		Special Gravity, Fine, ASTM C127 .....	161.17	
			Note: Includes absorption test.		
01 45 23 00-0023	EA		Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128 .....	239.68	
01 45 23 00-0024	EA		Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	226.27	
01 45 23 00-0025	EA		Aggregate Cleanliness Value, ASTM C-128, CA 227.....	226.27	
01 45 23 00-0026	EA		Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217 .....	169.70	
01 45 23 00-0027	EA		Fine Aggregate Durability Index, CA 229.....	181.02	
01 45 23 00-0028	EA		Sodium And Magnesium Soundness, ASTM C88 .....	475.02	
01 45 23 00-0029	EA		Los Angeles Rattler, ASTM C-131, CA 211 .....	362.03	
01 45 23 00-0030	EA		Los Angeles Rattler, ASTM C-535.....	362.03	
01 45 23 00-0031	EA		Unit Weight Of Aggregates, ASTM C29 .....	101.82	
01 45 23 00-0032	EA		Organic Impurities In Sand, ASTM C40 .....	101.79	
01 45 23 00-0033	EA		Crushed Particle, ASTM California Test Method .....	101.79	
01 45 23 00-0034	EA		Clay Lump And Friable Particles, ASTM C142 .....	203.58	
<b>01 45 23 00-0035</b>			<b>Permeability Tests</b> <small>(01 45 23 00-0001)</small>		
<b>01 45 23 00-0036</b>			<b>In-Place Tests</b> <small>(01 45 23 00-0035)</small>		
01 45 23 00-0037	EA		Double Ring Infiltrometer Test, ASTM D3385.....	1,797.60	
01 45 23 00-0038	EA		Unconfined Compressive Strength (Pocket Penetrometer) Test .....	84.82	
<b>01 45 23 00-0039</b>			<b>Lab Tests</b> <small>(01 45 23 00-0035)</small>		
01 45 23 00-0040	EA		Falling Head Rigid Wall Consolidometer Technique CAE.....	838.88	
01 45 23 00-0041	EA		Falling Head Permeability Test EPA-9100.....	838.88	
01 45 23 00-0042	EA		Constant Head Permeability Test For Granular Soils, ASTM D2432.....	479.36	
<b>01 45 23 00-0043</b>			<b>Soil Characterization Testing for Disposal</b> <small>(01 45 23 00-0001)</small>		
01 45 23 00-0044	EA		Soil Characterization Testing for Disposal .....	3,416.68	
			Note: 7 day turnaround. Includes sampling, transport to lab, analytical testing, and reporting.		
			For Expedited 3 Day Test, Add		500.00
<b>01 45 23 00-0045</b>			<b>Concrete/Cement/Asphalt Testing</b> <small>(01 45 23)</small>		
<b>01 45 23 00-0046</b>			<b>Concrete Testing</b> <small>(01 45 23 00-0045)</small>		
01 45 23 00-0047	EA		Prepare 6 x 12 Concrete Cylinder And Deliver To Lab .....	26.04	
01 45 23 00-0048	EA		6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633 .....	71.90	
01 45 23 00-0049	EA		Concrete Cores Compression Test, ASTM C-42 .....	147.08	
01 45 23 00-0050	EA		6 x 6 x 18 Concrete Flexural Test, ASTM C-78 .....	214.96	
01 45 23 00-0051	EA		Unit Weight Of Concrete Cylinder, ASTM C-567 .....	79.19	
01 45 23 00-0052	EA		Concrete Mix Design Review .....	429.91	
01 45 23 00-0053	EA		Trial Concrete Batch Prepared In Laboratory .....	1,018.22	
01 45 23 00-0054	EA		Concrete Shrinkage, ASTM C-157 Modified .....	791.94	
01 45 23 00-0055	EA		6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	122.19	
01 45 23 00-0056	EA		Concrete Slump Test, ASTM C143.....	56.57	
01 45 23 00-0057	EA		Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231 .....	56.57	
<b>01 45 23 00-0058</b>			<b>Cement Testing</b> <small>(01 45 23 00-0045)</small>		
01 45 23 00-0059	EA		Cement Grab Sample (CCR Title 24) .....	56.57	
			Note: Includes sealing and storing 1 year.		
01 45 23 00-0060	EA		2" x 2" x 2" Cube Compression Test, All Type Materials.....	90.51	
<b>01 45 23 00-0061</b>			<b>Asphaltic Concrete Testing</b> <small>(01 45 23 00-0045)</small>		
01 45 23 00-0062	EA		Hveem Asphaltic Concrete Stability Test, CA 366 .....	113.14	
01 45 23 00-0063	EA		Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927 .....	294.15	



<b>General Requirements</b>		<b>01</b>
Quality Requirements		01 40
Quality Control		01 45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0064	EA		Stability Tests, Premixed, ASTM D1559.....	113.14	
01 45 23 00-0065	EA		Stability Tests, Lab. Mixed, ASTM D1559.....	294.15	
01 45 23 00-0066	EA		Swell Test, CA 305.....	135.76	
			Note: Includes compaction.		
01 45 23 00-0067	EA		% Asphalt Extraction Test, ASTM D-2172 B.....	339.40	
01 45 23 00-0068	EA		Gradation On Extracted Sample, ASTM D-5444.....	226.27	
01 45 23 00-0069	EA		Maximum Theoretical Unit Weight, ASTM C2041.....	215.71	
01 45 23 00-0070	EA		Unit Weight Sample Requiring Compaction, California Test Method 308.....	45.25	
01 45 23 00-0071	EA		Asphalt Unit Weight On Core Test, CA 308C.....	45.25	
01 45 23 00-0072	HR		Nuclear Field Density Testing, 4 Hour Minimum.....	233.06	
01 45 23 00-0073	EA		Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664.....	116.26	
01 45 23 00-0074	EA		Penetration, ASTM D5.....	163.44	
<b>01 45 23 00-0075</b>			<b>Masonry/Concrete Block/Tile Testing (01 45 23)</b>		
<b>01 45 23 00-0076</b>			<b>Masonry Testing (01 45 23 00-0075)</b>		
01 45 23 00-0077	EA		2" x 4" Cylinder Mortar Compression Test.....	74.67	
01 45 23 00-0078	EA		4" x 4" x 8" Grout Prisms Compression Test.....	74.67	
01 45 23 00-0079	EA		Masonry Cores Compression Test.....	147.08	
01 45 23 00-0080	EA		Composite Grouted Prism Compression Test.....	282.84	
<b>01 45 23 00-0081</b>			<b>Concrete Block Testing (ASTM C140 Or CMA Per Specimen) (01 45 23 00-0075)</b>		
01 45 23 00-0082	EA		Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	181.02	
01 45 23 00-0083	EA		Absorption Test, Moisture Content And Unit Weight.....	124.45	
01 45 23 00-0084	EA		First Unit, Moisture Condition By Relative Humidity, ASTM C427.....	475.02	
01 45 23 00-0085	EA		Moisture Condition By Relative Humidity, ASTM C427, Additional Unit.....	237.51	
<b>01 45 23 00-0086</b>			<b>Metals Testing (01 45 23)</b>		
<b>01 45 23 00-0087</b>			<b>Tank Tightness Testing (01 45 23 00-0086)</b>		
01 45 23 00-0088	GAL		Up To 20 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks.....	8.06	
01 45 23 00-0089	GAL		>20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks.....	6.91	
01 45 23 00-0090	EA		Up To 12,000 Gallons, Tank Volumetric Tightness Testing.....	2,072.37	
01 45 23 00-0091	EA		>12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing.....	2,532.08	
01 45 23 00-0092	EA		>29,999 Gallons, Tank Volumetric Tightness Testing.....	3,224.71	
<b>01 45 23 00-0093</b>			<b>Tank Line Tightness Testing (01 45 23 00-0086)</b>		
01 45 23 00-0094	EA		Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing.....	437.28	
01 45 23 00-0095	EA		>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....	485.55	
01 45 23 00-0096	EA		>29,999 Gallons, Tank Line Volumetric Tightness Testing.....	533.66	
<b>01 45 23 00-0097</b>			<b>Other Testing (01 45 23)</b>		
<b>01 45 23 00-0098</b>			<b>Special Testing (01 45 23 00-0097)</b>		
01 45 23 00-0099	EA		Asphalt Roofing Cutout Samples, To Determine Unit Weight.....	169.65	
01 45 23 00-0100	EA		Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617.....	1,017.89	
01 45 23 00-0101	EA		Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria).....	52.88	
01 45 23 00-0102	EA		Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....	219.33	
01 45 23 00-0103	EA		Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample.....	219.33	
01 45 23 00-0104	EA		Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample.....	219.33	
01 45 23 00-0105	EA		Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample.....	1,206.32	
<b>01 45 23 00-0106</b>			<b>Non-destructive Field Testing Services (01 45 23 00-0097)</b>		
<b>01 45 23 00-0107</b>			<b>Infrared Thermography (01 45 23 00-0106)</b>		
			Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
<b>01 45 23 00-0108</b>			<b>Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0107)</b>		
			Note: For on the roof surveys.		
01 45 23 00-0109	EA		Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....	3,947.94	
01 45 23 00-0110	CSF		Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	6.58	
			For CADD Drawings, Add	1.32	
01 45 23 00-0111	CSF		>10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	4.39	
			For CADD Drawings, Add	0.88	
01 45 23 00-0112	CSF		>50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	3.29	
			For CADD Drawings, Add	0.66	
			For Elevated Infrared Thermography Roof Investigation, Add	0.82	
			For Aerial Infrared Thermography Roof Investigation, Add	0.82	
01 45 23 00-0113	CSF		>250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	2.19	
			For CADD Drawings, Add	0.44	
			For Elevated Infrared Thermography Roof Investigation, Add	0.55	
			For Aerial Infrared Thermography Roof Investigation, Add	0.55	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 40</b>	<b>Quality Requirements</b>
	<b>01 45</b>	<b>Quality Control</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 45 23 00-0114</b>	<b>Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0107)</b>	
Note: For finding moisture in walls and windows.		
01 45 23 00-0115 EA Building Moisture Investigation Using Infrared Thermography, Mobilization Charge .....	2,083.64	
01 45 23 00-0116 CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography .....	6.58	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	3.29	
01 45 23 00-0117 CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography .....	4.39	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	2.20	
01 45 23 00-0118 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography .....	2.19	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.10	
<b>01 45 23 00-0119</b>	<b>General Building Investigation Using Infrared Thermography (01 45 23 00-0107)</b>	
Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0120 EA General Building Investigation Using Infrared Thermography, Mobilization Charge .....	4,276.94	
01 45 23 00-0121 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography .....	6.58	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	3.29	
01 45 23 00-0122 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography .....	4.39	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	2.20	
01 45 23 00-0123 CSF >5,000 SF, General Building Investigation Using Infrared Thermography .....	2.19	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.10	
<b>01 45 23 00-0124</b>	<b>Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0107)</b>	
Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0125 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge .....	2,083.64	
01 45 23 00-0126 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography .....	206.31	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	30.87	
<b>01 45 23 00-0127</b>	<b>Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0107)</b>	
Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0128 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge .....	2,083.64	
01 45 23 00-0129 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography .....	6.58	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.99	
01 45 23 00-0130 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography .....	4.39	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.66	
<b>01 45 23 00-0131</b>	<b>Other Non-destructive Field Testing Services (01 45 23 00-0106)</b>	
01 45 23 00-0132 HR ASNT Certified Level I NDT Consultant .....	72.55	
01 45 23 00-0133 HR ASNT Certified Level II NDT Consultant .....	80.82	
01 45 23 00-0134 HR ASNT Certified Level III NDT Consultant .....	94.05	
01 45 23 00-0135 HR Certified Industrial Radiography Radiation Safety Personnel .....	105.15	
<b>01 45 23 00-0136</b>	<b>Concrete Slab Moisture Testing (01 45 23 00-0097)</b>	
01 45 23 00-0137 EA Concrete Slab, Moisture Emission Determination For Floor Covering On Existing Concrete .....	161.29	
<b>01 45 29</b>	<b>Testing Laboratory Services (01 45)</b>	
Note: For application to existing materials/site conditions or additional testing over specifications stated tests.		
<b>01 45 29 00-0001</b>	<b>Soil Borings Laboratory Tests (01 45 29)</b>	
See CSI section 02 32 13 00-0000 for soil borings.		
01 45 29 00-0002 EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test .....	155.79	
01 45 29 00-0003 EA Shrinkage Limit, Soil Borings Laboratory Test .....	49.70	
01 45 29 00-0004 EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test .....	119.84	
01 45 29 00-0005 EA Consolidation, Soil Borings Laboratory Test .....	838.88	
01 45 29 00-0006 EA Swell Test, Soil Borings Laboratory Test .....	131.52	
01 45 29 00-0007 EA In Place Density, Soil Borings Laboratory Test .....	35.95	
01 45 29 00-0008 EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test .....	22.33	
01 45 29 00-0009 EA Hydrometer Analysis, Soil Borings Laboratory Test .....	288.36	
01 45 29 00-0010 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test .....	100.53	
01 45 29 00-0011 EA Partial Sieve Analysis, Soil Borings Laboratory Test .....	19.88	
01 45 29 00-0012 EA Laboratory Permeability, Soil Borings Laboratory Test .....	994.07	
01 45 29 00-0013 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test .....	201.06	
01 45 29 00-0014 EA Sulfate Soundness, Soil Borings Laboratory Test .....	248.52	
01 45 29 00-0015 EA Los Angeles Abrasion, Soil Borings Laboratory Test .....	460.02	
01 45 29 00-0016 EA Soil Bearing Ratio, ASTM D1883 .....	509.11	
01 45 29 00-0017 EA Compaction Test Subgrade, Soil Borings Laboratory Test .....	149.11	
01 45 29 00-0018 EA Compaction Test Base Course, Soil Borings Laboratory Test .....	165.68	
01 45 29 00-0019 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test .....	355.59	
01 45 29 00-0020 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test .....	76.21	
<b>01 45 29 00-0021</b>	<b>Soil Testing (01 45 29)</b>	
Note: Analyses must be conducted in accordance with SW846 and TACO requirements. Analytical methods provided herein are suggested methods.		



<b>General Requirements</b>			<b>01</b>
<b>Quality Requirements</b>			<b>01 40</b>
<b>Quality Control</b>			<b>01 45</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 29 00-0022 EA Laboratory Analysis For VOCs (5035/8260).....	232.69	
01 45 29 00-0023 EA Laboratory Analysis For SVOCs (8270).....	453.75	
01 45 29 00-0024 EA Laboratory Analysis For Pesticides/Polychlorinated Biphenyl (PCB) (8080/8081/8082).....	279.23	
01 45 29 00-0025 EA Laboratory Analysis For Herbicides (8080/8081/8082).....	395.57	
01 45 29 00-0026 EA Laboratory Analysis For TAL Inorganics (6010/6020/7471).....	349.04	
01 45 29 00-0027 EA Laboratory Analysis For BTEX (5035/8260).....	104.71	
01 45 29 00-0028 EA Laboratory Analysis For PNAs (8270).....	174.52	
01 45 29 00-0029 EA Laboratory Analysis For RCRA Metals (6020/7471).....	151.25	
Note: Including Mercury		
01 45 29 00-0030 EA Laboratory Analysis For Cyanide (9012).....	46.54	
01 45 29 00-0031 EA Laboratory Analysis For TCLP/SPLP RCRA Lead (1311/1312/6020/7471).....	174.52	
01 45 29 00-0032 EA Laboratory Analysis For pH (9045).....	18.62	
01 45 29 00-0033 EA Laboratory Analysis For Moisture, Ash, And Organic Matter Of Peat And Organic Soils (D2974).....	58.17	
01 45 29 00-0034 EA Laboratory Analysis For Waste Characterization For Full Scan.....	2,559.59	
Note: Detection limits must meet the minimum specified detection limits in TACO for Tier 1 Soil Remediation Objectives for residential properties.		
For Expedited 5 Day Test, Add	400.00	

## 01 50 Temporary Facilities and Controls <sup>(01)</sup>

Note: Tasks in this section shall be used as directed by owner.

### 01 51 Temporary Utilities <sup>(01 50)</sup>

#### 01 51 13 Temporary Electricity <sup>(01 51)</sup>

##### 01 51 13 00-0001 Temporary Service Switch And/or Building Feeder Switch <sup>(01 51 13)</sup>

Note: Includes all connections and removal after use.

01 51 13 00-0002 EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	1,510.46
01 51 13 00-0003 EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	2,338.75
01 51 13 00-0004 EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	4,306.45
01 51 13 00-0005 EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	7,129.45

##### 01 51 13 00-0006 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses <sup>(01 51 13)</sup>

Note: Includes mounting on wall and removal after use.

01 51 13 00-0007 EA Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,586.28
01 51 13 00-0008 EA Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	2,196.87
01 51 13 00-0009 EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,442.15
01 51 13 00-0010 EA Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	4,865.48

##### 01 51 13 00-0011 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards <sup>(01 51 13)</sup>

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0012 LF Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards.....	12.08
01 51 13 00-0013 LF Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards.....	13.23

#### 01 51 26 Temporary Lighting <sup>(01 51)</sup>

##### 01 51 26 00-0001 Temporary Lighting Devices <sup>(01 51 26)</sup>

Note: Includes removal after use.

01 51 26 00-0002 EA Temporary Exit Light.....	286.78
01 51 26 00-0003 EA Temporary 10 Light String With Cages.....	103.19
01 51 26 00-0004 EA Temporary High Bay Light.....	387.18

## 01 52 Construction Facilities <sup>(01 50)</sup>

Note: Tasks in this section shall be used as directed by owner for owner's use.

### 01 52 13 Field Offices and Sheds <sup>(01 52)</sup>

#### 01 52 13 00-0001 Field Offices and Office Trailers <sup>(01 52 13)</sup>

Note: Includes toilet, central HVAC, interior doors and partitions. Excludes furniture, utility connections, or service. For Loss Damage Waiver or General Liability Insurance when requested use Reimbursable Fees. Minimum 6 months rental.

01 52 13 00-0002 MO Engineer's Field Office - Type A.....	5,779.80
Note: Includes suitable on-site sanitary facilities, electronic security system, equipment and furniture, all utilities and utility costs, and salvage value of the building, equipment, and furniture.	

#### 01 52 13 00-0003 Storage Containers <sup>(01 52 13)</sup>

01 52 13 00-0004 MO 8' x 8' x 10' Storage Container.....	155.51
For Each Delivery And Removal, Two Round Trips, Add	122.08
For >12 Months, Deduct	-46.65
01 52 13 00-0005 MO 8' x 8' x 20' Storage Container.....	162.58
For Each Delivery And Removal, Two Round Trips, Add	134.29
For >12 Months, Deduct	-48.77



<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 52</b>	<b>Construction Facilities</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

01 52 13 00-0006	MO 8' x 8' x 40' Storage Container .....	192.26	
	<i>For Each Delivery And Removal, Two Round Trips, Add</i>	270.46	
	<i>For &gt;12 Months, Deduct</i>	-57.68	

**01 52 19 Sanitary Facilities** (01 52)

**01 52 19 00-0001 Portable Toilets** (01 52 19)

Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.

01 52 19 00-0002	WK Portable Chemical Toilet.....	55.00	
	<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
	<i>For Each Delivery And Set-up, Add</i>	50.00	
01 52 19 00-0003	MO Portable Chemical Toilet.....	165.00	
	<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
	<i>For Each Delivery And Set-up, Add</i>	50.00	
01 52 19 00-0004	WK Americans With Disabilities Act Compliant Portable Chemical Toilet .....	65.60	
	<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
	<i>For Each Delivery And Set-up, Add</i>	50.00	
01 52 19 00-0005	MO Americans With Disabilities Act Compliant Portable Chemical Toilet .....	192.50	
	<i>For Each Additional Servicing Per Unit Per Week, Add</i>	25.00	
	<i>For Each Delivery And Set-up, Add</i>	50.00	
01 52 19 00-0006	WK Two Station Portable Handwash.....	55.93	
	<i>For Each Delivery And Set-up, Add</i>	50.00	
01 52 19 00-0007	MO Two Station Portable Handwash.....	169.65	
	<i>For Each Delivery And Set-up, Add</i>	50.00	

**01 53 Temporary Construction** (01 50)

**01 53 16 Temporary Decking** (01 53)

**01 53 16 00-0001 Temporary Walkways And Railings** (01 53 16)

Note: Includes removal after use.

01 53 16 00-0002	SF Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers .....	8.07	
01 53 16 00-0003	LF Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail .....	33.91	
01 53 16 00-0004	LF Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	15.36	
01 53 16 00-0005	RSR Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	26.85	

**01 53 23 Temporary Ramps** (01 53)

**01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access** (01 53 23)

Note: Includes removal after use.

01 53 23 00-0002	SF Temporary Plywood For Wheel Barrow Access.....	1.62	0.51
------------------	---	------	------

**01 54 Construction Aids** (01 50)

**01 54 23 Temporary Scaffolding and Platforms** (01 54)

**01 54 23 00-0001 Scaffolding** (01 54 23)

Note: Additional scaffolding rental for work above the normal working height.

**01 54 23 00-0002 Scaffolding Rental - Rental Only** (01 54 23 00-0001)

Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.

01 54 23 00-0003	CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month).....	35.48	
	<i>For Up To 25, Add</i>	14.19	
	<i>For &gt;25 To 50, Add</i>	8.87	
	<i>For &gt;50 To 150, Add</i>	3.55	
01 54 23 00-0004	CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	39.90	
	<i>For Up To 25, Add</i>	15.96	
	<i>For &gt;25 To 50, Add</i>	9.98	
	<i>For &gt;50 To 150, Add</i>	3.99	
01 54 23 00-0005	CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month).....	53.23	
	<i>For Up To 25, Add</i>	21.29	
	<i>For &gt;25 To 50, Add</i>	13.31	
	<i>For &gt;50 To 150, Add</i>	5.32	

**01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only** (01 54 23 00-0001)

Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.

01 54 23 00-0007	CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	49.26	
01 54 23 00-0008	CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	64.60	
01 54 23 00-0009	CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	86.21	
01 54 23 00-0010	CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	94.83	
01 54 23 00-0011	CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories .....	109.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 54 23 00-0012 Heavy-Duty Masonry Scaffolding Rental - Rental Only</b> <small>(01 54 23 00-0001)</small>		
<small>Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0018 for erection.</small>		
01 54 23 00-0013 CCF Heavy-Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month) .....	69.81	
01 54 23 00-0014 CCF Heavy-Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month) .....	127.98	
01 54 23 00-0015 LF Aluminum Joists (LF / Month) .....	11.35	
01 54 23 00-0016 LF Aluminum Stringers (LF / Month) .....	16.27	
01 54 23 00-0017 EA Screw Jack With U-Plate For Stringers (EA / Month).....	20.51	
<b>01 54 23 00-0018 Heavy-Duty Masonry Scaffolding Erection And Dismantling - Labor Only</b> <small>(01 54 23 00-0001)</small>		
<small>Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0012 for scaffolding rental.</small>		
01 54 23 00-0019 CCF Up To 20' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	91.95	
01 54 23 00-0020 CCF >20' To 40' Height Heavy-Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	114.95	
01 54 23 00-0021 CCF >40' To 60' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	137.94	
01 54 23 00-0022 CCF >60' To 80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	149.43	
01 54 23 00-0023 CCF >80' Height Heavy-Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	166.68	
<b>01 54 23 00-0024 Scaffolding Accessories</b> <small>(01 54 23 00-0001)</small>		
<small>See CSI section 01 54 23 00-0018 for erection.</small>		
01 54 23 00-0025 CSF Netting for Exterior Building Scaffolding .....	42.34	
<small>Note: Includes removal after use.</small>		
<b>01 54 23 00-0026 Rolling Scaffolding</b> <small>(01 54 23)</small>		
<small>Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.</small>		
01 54 23 00-0027 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	13.25	
01 54 23 00-0028 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	53.09	
01 54 23 00-0029 MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	212.33	
01 54 23 00-0030 DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	22.18	
01 54 23 00-0031 WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	88.83	
01 54 23 00-0032 MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section) .....	355.35	
01 54 23 00-0033 EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold .....	132.12	
01 54 23 00-0034 EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold .....	165.15	
<b>01 54 23 00-0035 Shoring Posts</b> <small>(01 54 23)</small>		
01 54 23 00-0036 DAY 6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post.....	2.13	
01 54 23 00-0037 WK 6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post.....	8.53	
01 54 23 00-0038 MO 6'-6" To 11' Extension, 5,000 Lb. Capacity, Steel Shoring Post.....	25.58	
01 54 23 00-0039 EA Initial Erection And Final Dismantling For Each Shoring Post .....	10.57	
<small>For &gt;20 To 50, Deduct</small>		-1.59
<small>For &gt;50 To 100, Deduct</small>		-3.70
<small>For &gt;100, Deduct</small>		-5.81
<b>01 54 23 00-0040 Temporary Lumber, Single Use</b> <small>(01 54 23)</small>		
<small>Note: Includes removal after use.</small>		
01 54 23 00-0041 SF 5/16" CD Grade Plywood, Temporary Lumber .....	2.55	
01 54 23 00-0042 SF 1/2" CD Grade Plywood, Temporary Lumber .....	2.91	
01 54 23 00-0043 SF 5/8" CD Grade Plywood, Temporary Lumber .....	3.19	
01 54 23 00-0044 SF 3/4" CD Grade Plywood, Temporary Lumber .....	3.53	
01 54 23 00-0045 SF 1" CD Grade Plywood, Temporary Lumber .....	5.18	
01 54 23 00-0046 LF 2" x 4" Temporary Lumber .....	3.54	
01 54 23 00-0047 LF 2" x 6" Temporary Lumber .....	4.54	
01 54 23 00-0048 LF 2" x 8" Temporary Lumber .....	5.56	
01 54 23 00-0049 LF 2" x 10" Temporary Lumber .....	6.58	
01 54 23 00-0050 LF 2" x 12" Temporary Lumber .....	7.60	
01 54 23 00-0051 LF 3" x 8" Temporary Lumber .....	7.60	
01 54 23 00-0052 LF 3" x 10" Temporary Lumber .....	9.12	
01 54 23 00-0053 LF 3" x 12" Temporary Lumber .....	10.63	
01 54 23 00-0054 LF 4" x 4" Temporary Lumber .....	4.97	
01 54 23 00-0055 LF 4" x 6" Temporary Lumber.....	7.25	
01 54 23 00-0056 LF 6" x 6" Temporary Lumber .....	9.52	
01 54 23 00-0057 LF 6" x 8" Temporary Lumber .....	12.41	
01 54 23 00-0058 LF 12" x 12" Temporary Lumber.....	31.36	
<b>01 54 23 00-0059 Temporary Precast Concrete Blocks</b> <small>(01 54 23)</small>		
<small>Note: Includes removal after use.</small>		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 54</b>	<b>Construction Aids</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

01 54 23 00-0060	EA		2' x 2' x 2' Temporary Precast Concrete (Ecology) Block ..... Note: Includes removal after use.	135.98	
01 54 23 00-0061	EA		2' x 2' x 4' Temporary Precast Concrete (Ecology) Block ..... Note: Includes removal after use.	169.98	
01 54 23 00-0062	EA		2' x 2' x 8' Temporary Precast Concrete (Ecology) Block ..... Note: Includes removal after use.	223.39	

**01 54 26 Temporary Swing Staging** (01 54)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

**01 54 26 00-0001 Swing Stage** (01 54 26)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.

01 54 26 00-0002	MO		7' Swing Stage, Electric Operated .....	3,068.32	
01 54 26 00-0003	MO		10' Swing Stage, Electric Operated .....	3,221.73	
01 54 26 00-0004	MO		14' Swing Stage, Electric Operated .....	3,375.15	
01 54 26 00-0005	MO		20' Swing Stage, Electric Operated .....	3,528.57	
01 54 26 00-0006	MO		24' Swing Stage, Electric Operated .....	3,681.98	
01 54 26 00-0007	MO		30' Swing Stage, Electric Operated .....	3,835.40	
01 54 26 00-0008	MO		42' Swing Stage, Electric Operated .....	3,988.81	
01 54 26 00-0009	MO		12' Swing Stage, Manually Operated .....	884.79	
01 54 26 00-0010	MO		24' Swing Stage, Manually Operated .....	1,105.99	
01 54 26 00-0011	EA		Swing Stage Platform From Hooks, Erection And Dismantling ..... Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	5,631.90	
01 54 26 00-0012	EA		Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling ..... Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	7,826.48	
01 54 26 00-0013	EA		Move Swing Stage Platform From Hooks To Different Location At Same Roof.....	2,961.38	
01 54 26 00-0014	EA		Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof.....	4,124.77	

**01 55 Vehicular Access and Parking** (01 50)

**01 55 26 Traffic Control** (01 55)

**01 55 26 00-0001 Temporary Removable Preformed Traffic Black Line Mask** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0002	LF		6" Removable Traffic Black Line Mask .....	5.63	
01 55 26 00-0003	LF		8" Removable Traffic Black Line Mask .....	6.74	

**01 55 26 00-0004 Temporary Preformed Traffic Line Tape** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0005	LF		4" Reflective Removable Traffic Line Tape.....	5.69	
01 55 26 00-0006	LF		6" Reflective Removable Traffic Line Tape.....	7.68	
01 55 26 00-0007	LF		8" Reflective Removable Traffic Line Tape.....	9.57	

**01 55 26 00-0008 Temporary Painted Traffic Lines** (01 55 26)

Note: Includes installation and removal after use.

01 55 26 00-0009	LF		4" Temporary Painted Traffic Lines.....	2.44	
			<i>For Not Removed, Deduct</i>	-1.70	
01 55 26 00-0010	LF		6" Temporary Painted Traffic Lines.....	3.22	
			<i>For Not Removed, Deduct</i>	-2.31	
01 55 26 00-0011	LF		8" Temporary Painted Traffic Lines.....	4.04	
			<i>For Not Removed, Deduct</i>	-2.94	

**01 55 26 00-0012 Temporary Pedestrian Traffic Control** (01 55 26)

01 55 26 00-0013	CLF		1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange .....	11.27	
01 55 26 00-0014	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange .....	14.43	
01 55 26 00-0015	CLF		3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	9.27	
01 55 26 00-0016	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow.....	11.22	
01 55 26 00-0017	CLF		3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent .....	12.00	
01 55 26 00-0018	CLF		6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent .....	15.96	
01 55 26 00-0019	CLF		1" Exterior Vinyl Tape (Warning Tape) .....	12.99	
01 55 26 00-0020	CLF		2" Exterior Vinyl Tape (Warning Tape) .....	17.70	
01 55 26 00-0021	CLF		3" Exterior Vinyl Tape (Warning Tape) .....	21.62	
01 55 26 00-0022	CLF		4" Exterior Vinyl Tape (Warning Tape) .....	25.25	

**01 55 26 00-0023 Linear Delineation System, Temporary Or Permanent** (01 55 26)

Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.

01 55 26 00-0024	LF		4" Linear Delineation System.....	11.88	
01 55 26 00-0025	LF		6" Linear Delineation System.....	15.97	

**01 55 26 00-0026 Temporary Traffic Protection** (01 55 26)

Note: Equipment price includes delivery, set-up and removal.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>01 55 26 00-0027</b>	<b>Temporary Traffic Barriers Usage</b> <small>(01 55 26 00-0026)</small> Note: Includes hauling up to 15 miles. Excludes crane for placement.	
01 55 26 00-0028 DAY	Concrete Traffic Barrier, NJ Shape, 6' Portable Section .....	12.31
01 55 26 00-0029 WK	Concrete Traffic Barrier, NJ Shape, 6' Portable Section .....	47.86
01 55 26 00-0030 MO	Concrete Traffic Barrier, NJ Shape, 6' Portable Section .....	191.43

<b>01 55 26 00-0031</b>	<b>Temporary Portable Signs And Message Displays Usage</b> <small>(01 55 26 00-0026)</small>	
01 55 26 00-0032 DAY	Arrowboard, Trailer Mounted .....	232.45
01 55 26 00-0033 WK	Arrowboard, Trailer Mounted .....	888.78
01 55 26 00-0034 MO	Arrowboard, Trailer Mounted .....	2,160.41
01 55 26 00-0035 DAY	Portable Changeable Message Sign .....	310.94
	Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	
01 55 26 00-0036 WK	Portable Changeable Message Sign .....	1,189.26
	Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	
01 55 26 00-0037 MO	Portable Changeable Message Sign .....	2,889.90
	Note: Includes all labor, furnishing, placing, and maintaining, anchor system and system installation, equipment, materials, and incidental work.	

<b>01 55 26 00-0038</b>	<b>Temporary Rumble Strips</b> <small>(01 55 26)</small> Note: Includes removal after use.	
01 55 26 00-0039 LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip.....	14.12
01 55 26 00-0040 LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip.....	10.23

**01 56 Temporary Barriers and Enclosures** (01 50)

Note: Includes removal after use.

**01 56 16 Temporary Dust Barriers** (01 56)

<b>01 56 16 00-0001</b>	<b>Temporary Stud Wall</b> <small>(01 56 16)</small> Note: Includes removal after use.	
<b>01 56 16 00-0002</b>	<b>Temporary Stud Wall With Drywall</b> <small>(01 56 16 00-0001)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.	
<b>01 56 16 00-0003</b>	<b>Temporary Stud Wall With Drywall</b> <small>(01 56 16 00-0002)</small>	
01 56 16 00-0004 SF	3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.29
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0005 SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.29
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0006 SF	5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.38
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0007 SF	3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....	8.71
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>
01 56 16 00-0008 SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.71
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>
01 56 16 00-0009 SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.89
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>

**01 56 16 00-0010 Temporary Stud Wall With Fire Rated Drywall** (01 56 16 00-0002)

01 56 16 00-0011 SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.40
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0012 SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.43
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0013 SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center .....	6.37
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0014 SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	7.07
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.44</i>
01 56 16 00-0015 SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.91
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>
01 56 16 00-0016 SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center .....	8.97
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>
01 56 16 00-0017 SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.87
	Note: Includes removal after use.	
	<i>For Metal Studs 24" On Center, Add/Deduct</i>	<i>0.53</i>

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 56</b>	<b>Temporary Barriers and Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0018	SF		3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	10.25	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
<b>01 56 16 00-0019</b>			<b>Temporary Stud Wall With Oriented Strand Board (OSB)</b> <small>(01 56 16 00-0001)</small>		
			Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0020	SF		7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.26	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0021	SF		1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.31	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0022	SF		5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.46	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0023	SF		3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.54	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0024	SF		7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.64	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0025	SF		1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.74	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0026	SF		5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.03	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0027	SF		3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.19	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
<b>01 56 16 00-0028</b>			<b>Temporary Stud Wall With BC Plywood</b> <small>(01 56 16 00-0001)</small>		
			Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0029	SF		3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.61	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0030	SF		1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.79	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0031	SF		5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.98	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0032	SF		3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	7.14	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.44	
01 56 16 00-0033	SF		3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.33	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0034	SF		1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.71	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0035	SF		5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	10.08	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
01 56 16 00-0036	SF		3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	10.40	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.53	
<b>01 56 16 00-0037</b>			<b>Temporary Stud Wall With Plastic Sheeting</b> <small>(01 56 16 00-0001)</small>		
			Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheeting, and removal after use.		
01 56 16 00-0038	SF		6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.64	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.32	
01 56 16 00-0039	SF		6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.72	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.32	
01 56 16 00-0040	SF		6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.75	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.32	
01 56 16 00-0041	SF		6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.74	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.32	
01 56 16 00-0042	SF		6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.81	
			Note: Includes removal after use.		
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.32	
<b>01 56 16 00-0043</b>			<b>Dust Partition Wall</b> <small>(01 56 16 00-0001)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0044 SF Dust Partition Wall, 5/8" Type X Gypsum Board Each Side.....	10.25	
Note: 2" x 4" fire resistant wood studs 24" on-center, compressible gasket top and bottom, and Type 55FR Griffolyn visqueen both sides (taped with Griffolyn FR tape at seams and to existing structure to form an air tight seal). Excludes doors or frames.		
<b>01 56 16 00-0045 Temporary Doors</b> (01 56 16 00-0001)		
Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0046 EA Temporary Metal Door And Frame .....	598.94	
Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
<b>01 56 16 00-0047 Sticky Mats</b> (01 56 16)		
Note: Includes removal after use.		
01 56 16 00-0048 EA 18" x 36", 30 Layer Sticky Mat.....	39.10	
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0049 EA 18" x 46", 30 Layer Sticky Mat.....	44.74	25.36
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0050 EA 24" x 36", 30 Layer Sticky Mat.....	44.74	29.59
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0051 EA 25" x 45", 30 Layer Sticky Mat.....	58.82	29.59
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0052 EA 36" x 36", 30 Layer Sticky Mat.....	64.46	40.15
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0053 EA 36" x 46", 30 Layer Sticky Mat.....	70.09	44.38
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0054 EA 36" x 60", 30 Layer Sticky Mat.....	140.53	48.60
Note: Includes removal after use.		
<i>For 60 Layers Instead Of 30, Add</i>		
01 56 16 00-0055 EA 36" x 72", 30 Layer Sticky Mat.....	167.58	101.43
Note: Includes removal after use.		
<b>01 56 26 Temporary Fencing</b> (01 56)		
01 56 26 00-0001 Temporary Fencing (01 56 26)		
Note: Per ASTM A392-06 Standards		
01 56 26 00-0002 Temporary Chain Link Fence (01 56 26 00-0001)		
Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0074 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003 Temporary Chain Link Fence, Up To 6 Months (01 56 26 00-0002)		
01 56 26 00-0004 LF Temporary 4' High Chain Link Fence And Posts, Up To 6 Months.....	7.59	
<i>For &gt;100 To 250, Deduct</i>		
	-0.17	
<i>For &gt;250 To 500, Deduct</i>		
	-0.34	
<i>For &gt;500, Deduct</i>		
	-0.50	
<i>For Each LF Shade Cloth, Add</i>		
	1.60	
01 56 26 00-0005 LF Temporary 6' High Chain Link Fence And Posts, Up To 6 Months.....	8.45	
<i>For &gt;100 To 250, Deduct</i>		
	-0.19	
<i>For &gt;250 To 500, Deduct</i>		
	-0.38	
<i>For &gt;500, Deduct</i>		
	-0.57	
<i>For Each LF Shade Cloth, Add</i>		
	2.55	
01 56 26 00-0006 LF Temporary 8' High Chain Link Fence And Posts, Up To 6 Months.....	11.49	
<i>For &gt;100 To 250, Deduct</i>		
	-0.32	
<i>For &gt;250 To 500, Deduct</i>		
	-0.64	
<i>For &gt;500, Deduct</i>		
	-0.96	
<i>For Each LF Shade Cloth, Add</i>		
	3.60	
01 56 26 00-0007 LF Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	24.67	
<i>For &gt;100 To 250, Deduct</i>		
	-0.95	
<i>For &gt;250 To 500, Deduct</i>		
	-1.91	
<i>For &gt;500, Deduct</i>		
	-2.86	
<i>For Each LF Shade Cloth, Add</i>		
	4.75	
01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)		
01 56 26 00-0009 LF Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months.....	7.94	
<i>For &gt;100 To 250, Deduct</i>		
	-0.19	
<i>For &gt;250 To 500, Deduct</i>		
	-0.37	
<i>For &gt;500, Deduct</i>		
	-0.56	
<i>For Each LF Shade Cloth, Add</i>		
	1.60	
01 56 26 00-0010 LF Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months.....	8.82	
<i>For &gt;100 To 250, Deduct</i>		
	-0.21	
<i>For &gt;250 To 500, Deduct</i>		
	-0.42	
<i>For &gt;500, Deduct</i>		
	-0.63	
<i>For Each LF Shade Cloth, Add</i>		
	2.55	

<b>01</b>	<b>General Requirements</b>
<b>01 50</b>	<b>Temporary Facilities and Controls</b>
<b>01 56</b>	<b>Temporary Barriers and Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0011	LF		Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months .....	12.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.35	
			<i>For &gt;250 To 500, Deduct</i>	-0.70	
			<i>For &gt;500, Deduct</i>	-1.06	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0012	LF		Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months .....	26.57	
			<i>For &gt;100 To 250, Deduct</i>	-1.05	
			<i>For &gt;250 To 500, Deduct</i>	-2.10	
			<i>For &gt;500, Deduct</i>	-3.14	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
<b>01 56 26 00-0013</b>			<b>Temporary Chain Link Fence, &gt;12 To 18 Months</b> (01 56 26 00-0002)		
01 56 26 00-0014	LF		Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months .....	8.31	
			<i>For &gt;100 To 250, Deduct</i>	-0.20	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500, Deduct</i>	-0.61	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0015	LF		Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months .....	9.25	
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.46	
			<i>For &gt;500, Deduct</i>	-0.69	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0016	LF		Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months .....	12.84	
			<i>For &gt;100 To 250, Deduct</i>	-0.39	
			<i>For &gt;250 To 500, Deduct</i>	-0.78	
			<i>For &gt;500, Deduct</i>	-1.16	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0017	LF		Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months .....	28.67	
			<i>For &gt;100 To 250, Deduct</i>	-1.15	
			<i>For &gt;250 To 500, Deduct</i>	-2.31	
			<i>For &gt;500, Deduct</i>	-3.46	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
<b>01 56 26 00-0018</b>			<b>Temporary Chain Link Fence, &gt;18 Months</b> (01 56 26 00-0002)		
01 56 26 00-0019	LF		Temporary 4' High Chain Link Fence And Posts, >18 Months.....	8.72	
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.45	
			<i>For &gt;500, Deduct</i>	-0.67	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0020	LF		Temporary 6' High Chain Link Fence And Posts, >18 Months.....	9.68	
			<i>For &gt;100 To 250, Deduct</i>	-0.25	
			<i>For &gt;250 To 500, Deduct</i>	-0.50	
			<i>For &gt;500, Deduct</i>	-0.75	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0021	LF		Temporary 8' High Chain Link Fence And Posts, >18 Months.....	13.60	
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.85	
			<i>For &gt;500, Deduct</i>	-1.28	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0022	LF		Temporary 10' High Chain Link Fence And Posts, >18 Months.....	30.97	
			<i>For &gt;100 To 250, Deduct</i>	-1.27	
			<i>For &gt;250 To 500, Deduct</i>	-2.54	
			<i>For &gt;500, Deduct</i>	-3.80	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
<b>01 56 26 00-0023</b>			<b>Temporary Chain Link Fence Gates</b> (01 56 26 00-0001)		
			Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0074 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
<b>01 56 26 00-0024</b>			<b>Temporary Chain Link Fence Gates, Up To 6 Months</b> (01 56 26 00-0023)		
<b>01 56 26 00-0025</b>			<b>4' High, Temporary Chain Link Fence Gates, Up To 6 Months</b> (01 56 26 00-0024)		
01 56 26 00-0026	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	293.62	
			<i>For Each LF Shade Cloth, Add</i>	16.00	
01 56 26 00-0027	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	502.57	
			<i>For Each LF Shade Cloth, Add</i>	40.00	
01 56 26 00-0028	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	561.83	
			<i>For Each LF Shade Cloth, Add</i>	48.00	
01 56 26 00-0029	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	640.11	
			<i>For Each LF Shade Cloth, Add</i>	60.00	
01 56 26 00-0030	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	765.49	
			<i>For Each LF Shade Cloth, Add</i>	80.00	
01 56 26 00-0031	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	853.43	
			<i>For Each LF Shade Cloth, Add</i>	96.00	
<b>01 56 26 00-0032</b>			<b>6' High, Temporary Chain Link Fence Gates, Up To 6 Months</b> (01 56 26 00-0024)		
01 56 26 00-0033	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	315.00	
			<i>For Each LF Shade Cloth, Add</i>	25.50	
01 56 26 00-0034	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	544.15	
			<i>For Each LF Shade Cloth, Add</i>	63.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0035 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	609.80	
For Each LF Shade Cloth, Add	76.50	
01 56 26 00-0036 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	708.25	
For Each LF Shade Cloth, Add	95.63	
01 56 26 00-0037 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	855.42	
For Each LF Shade Cloth, Add	127.51	
01 56 26 00-0038 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	973.52	
For Each LF Shade Cloth, Add	153.01	
<b>01 56 26 00-0039 8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)</b>		
01 56 26 00-0040 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	352.20	
For Each LF Shade Cloth, Add	36.00	
01 56 26 00-0041 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	625.55	
For Shade Cloth, Add	90.00	
01 56 26 00-0042 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	698.49	
For Shade Cloth, Add	108.00	
01 56 26 00-0043 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	800.66	
For Shade Cloth, Add	135.01	
01 56 26 00-0044 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	978.50	
For Shade Cloth, Add	180.01	
01 56 26 00-0045 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	1,140.62	
For Shade Cloth, Add	216.01	
<b>01 56 26 00-0046 10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)</b>		
01 56 26 00-0047 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	425.55	
For Each LF Shade Cloth, Add	47.50	
01 56 26 00-0048 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	747.83	
For Each LF Shade Cloth, Add	118.75	
01 56 26 00-0049 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	836.80	
For Each LF Shade Cloth, Add	142.51	
01 56 26 00-0050 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	957.72	
For Each LF Shade Cloth, Add	178.13	
01 56 26 00-0051 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	1,170.77	
For Each LF Shade Cloth, Add	237.51	
01 56 26 00-0052 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	1,358.32	
For Each LF Shade Cloth, Add	285.01	
<b>01 56 26 00-0053 Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0023)</b>		
<b>01 56 26 00-0054 4' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b>		
01 56 26 00-0055 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	304.34	
For Each LF Shade Cloth, Add	16.00	
01 56 26 00-0056 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	519.24	
For Each LF Shade Cloth, Add	40.00	
01 56 26 00-0057 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	580.87	
For Each LF Shade Cloth, Add	48.00	
01 56 26 00-0058 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	661.54	
For Each LF Shade Cloth, Add	60.00	
01 56 26 00-0059 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	791.68	
For Each LF Shade Cloth, Add	80.00	
01 56 26 00-0060 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	882.01	
For Each LF Shade Cloth, Add	96.00	
<b>01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b>		
01 56 26 00-0062 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	326.20	
For Each LF Shade Cloth, Add	25.50	
01 56 26 00-0063 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	561.58	
For Each LF Shade Cloth, Add	63.75	
01 56 26 00-0064 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	629.72	
For Each LF Shade Cloth, Add	76.50	
01 56 26 00-0065 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	730.65	
For Each LF Shade Cloth, Add	95.63	
01 56 26 00-0066 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	882.80	
For Each LF Shade Cloth, Add	127.51	
01 56 26 00-0067 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	1,003.39	
For Each LF Shade Cloth, Add	153.01	
<b>01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months (01 56 26 00-0053)</b>		
01 56 26 00-0069 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	364.52	
For Each LF Shade Cloth, Add	36.00	
01 56 26 00-0070 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	644.72	
For Shade Cloth, Add	90.00	
01 56 26 00-0071 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	720.40	
For Shade Cloth, Add	108.00	
01 56 26 00-0072 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	825.30	
For Shade Cloth, Add	135.01	
01 56 26 00-0073 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months .....	1,008.63	
For Shade Cloth, Add	180.01	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 56</b>	<b>Temporary Barriers and Enclosures</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0074 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	1,173.48 216.01	
<b>01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, &gt;6 To 12 Months</b> (01 56 26 00-0053)		
01 56 26 00-0076 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	440.95 47.50	
01 56 26 00-0077 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	771.79 118.75	
01 56 26 00-0078 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	864.18 142.51	
01 56 26 00-0079 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	988.52 178.13	
01 56 26 00-0080 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,208.42 237.51	
01 56 26 00-0081 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,399.39 285.01	
<b>01 56 26 00-0082 Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> (01 56 26 00-0023)		
<b>01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> (01 56 26 00-0082)		
01 56 26 00-0084 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	315.59 16.00	
01 56 26 00-0085 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	536.74 40.00	
01 56 26 00-0086 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	600.88 48.00	
01 56 26 00-0087 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	684.04 60.00	
01 56 26 00-0088 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	819.18 80.00	
01 56 26 00-0089 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	912.01 96.00	
<b>01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> (01 56 26 00-0082)		
01 56 26 00-0091 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	337.96 25.50	
01 56 26 00-0092 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	579.87 63.75	
01 56 26 00-0093 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	650.62 76.50	
01 56 26 00-0094 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	754.18 95.63	
01 56 26 00-0095 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	911.55 127.51	
01 56 26 00-0096 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	1,034.76 153.01	
<b>01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> (01 56 26 00-0082)		
01 56 26 00-0098 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	377.46 36.00	
01 56 26 00-0099 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	664.84 90.00	
01 56 26 00-0100 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	743.40 108.00	
01 56 26 00-0101 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	851.18 135.01	
01 56 26 00-0102 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	1,040.25 180.01	
01 56 26 00-0103 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Shade Cloth, Add</i>	1,207.98 216.01	
<b>01 56 26 00-0104 10' High, Temporary Chain Link Fence Gates, &gt;12 To 18 Months</b> (01 56 26 00-0082)		
01 56 26 00-0105 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	457.12 47.50	
01 56 26 00-0106 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	796.94 118.75	
01 56 26 00-0107 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	892.93 142.51	
01 56 26 00-0108 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	1,020.87 178.13	
01 56 26 00-0109 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	1,247.95 237.51	
01 56 26 00-0110 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	1,442.52 285.01	
<b>01 56 26 00-0111 Temporary Chain Link Fence Gates, &gt;18 Months</b> (01 56 26 00-0023)		



<b>General Requirements</b>			<b>01</b>
Temporary Facilities and Controls			01 50
Temporary Barriers and Enclosures			01 56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 56 26 00-0112</b> 4' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0113 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	326.84	
For Each LF Shade Cloth, Add	16.00	
01 56 26 00-0114 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	554.24	
For Each LF Shade Cloth, Add	40.00	
01 56 26 00-0115 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	620.88	
For Each LF Shade Cloth, Add	48.00	
01 56 26 00-0116 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	706.54	
For Each LF Shade Cloth, Add	60.00	
01 56 26 00-0117 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	846.68	
For Each LF Shade Cloth, Add	80.00	
01 56 26 00-0118 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	942.01	
For Each LF Shade Cloth, Add	96.00	
<b>01 56 26 00-0119</b> 6' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0120 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	349.73	
For Each LF Shade Cloth, Add	25.50	
01 56 26 00-0121 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	598.17	
For Each LF Shade Cloth, Add	63.75	
01 56 26 00-0122 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	671.53	
For Each LF Shade Cloth, Add	76.50	
01 56 26 00-0123 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	777.70	
For Each LF Shade Cloth, Add	95.63	
01 56 26 00-0124 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	940.31	
For Each LF Shade Cloth, Add	127.51	
01 56 26 00-0125 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,066.12	
For Each LF Shade Cloth, Add	153.01	
<b>01 56 26 00-0126</b> 8' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0127 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	390.40	
For Each LF Shade Cloth, Add	36.00	
01 56 26 00-0128 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	684.97	
For Shade Cloth, Add	90.00	
01 56 26 00-0129 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	766.40	
For Shade Cloth, Add	108.00	
01 56 26 00-0130 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	877.05	
For Shade Cloth, Add	135.01	
01 56 26 00-0131 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,071.88	
For Shade Cloth, Add	180.01	
01 56 26 00-0132 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,242.48	
For Shade Cloth, Add	216.01	
<b>01 56 26 00-0133</b> 10' High, Temporary Chain Link Fence Gates, >18 Months <small>(01 56 26 00-0111)</small>		
01 56 26 00-0134 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	473.30	
For Each LF Shade Cloth, Add	47.50	
01 56 26 00-0135 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	822.10	
For Each LF Shade Cloth, Add	118.75	
01 56 26 00-0136 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	921.69	
For Each LF Shade Cloth, Add	142.51	
01 56 26 00-0137 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,053.21	
For Each LF Shade Cloth, Add	178.13	
01 56 26 00-0138 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,287.48	
For Each LF Shade Cloth, Add	237.51	
01 56 26 00-0139 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	1,485.65	
For Each LF Shade Cloth, Add	285.01	
<b>01 56 26 00-0140</b> Temporary Chain Link Fence Panels (Portable) <small>(01 56 26 00-0001)</small>		
Note: Includes delivery, set-up and removal. Excludes sandbags.		
<b>01 56 26 00-0141</b> Temporary Chain Link Fence Panels (Portable), Up To 6 Months <small>(01 56 26 00-0140)</small>		
01 56 26 00-0142 LF Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months	8.26	
For >100 To 250, Deduct	-0.20	
For >250 To 500, Deduct	-0.40	
For >500, Deduct	-0.60	
For Each LF Shade Cloth, Add	1.60	
01 56 26 00-0143 LF Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months	9.16	
For >100 To 250, Deduct	-0.23	
For >250 To 500, Deduct	-0.45	
For >500, Deduct	-0.68	
For Each LF Shade Cloth, Add	2.55	
01 56 26 00-0144 LF Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	12.35	
For >100 To 250, Deduct	-0.36	
For >250 To 500, Deduct	-0.73	
For >500, Deduct	-1.09	
For Each LF Shade Cloth, Add	3.60	
<b>01 56 26 00-0145</b> Temporary Chain Link Fence Panels (Portable), >6 To 12 Months <small>(01 56 26 00-0140)</small>		



<b>01</b>	<b>General Requirements</b>
<b>01 50</b>	<b>Temporary Facilities and Controls</b>
<b>01 56</b>	<b>Temporary Barriers and Enclosures</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	01 56 26 00-0146	LF	Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	8.60	
			<i>For &gt;100 To 250, Deduct</i>	-0.22	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500, Deduct</i>	-0.66	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
	01 56 26 00-0147	LF	Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	9.54	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.49	
			<i>For &gt;500, Deduct</i>	-0.73	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
	01 56 26 00-0148	LF	Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months .....	12.99	
			<i>For &gt;100 To 250, Deduct</i>	-0.40	
			<i>For &gt;250 To 500, Deduct</i>	-0.79	
			<i>For &gt;500, Deduct</i>	-1.19	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
	<b>01 56 26 00-0149</b>		<b>Temporary Chain Link Fence Panels (Portable), &gt;12 To 18 Months</b> <small>(01 56 26 00-0140)</small>		
	01 56 26 00-0150	LF	Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	8.95	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.47	
			<i>For &gt;500, Deduct</i>	-0.71	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
	01 56 26 00-0151	LF	Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	9.97	
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For &gt;500, Deduct</i>	-0.80	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
	01 56 26 00-0152	LF	Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months .....	13.71	
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.86	
			<i>For &gt;500, Deduct</i>	-1.29	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
	<b>01 56 26 00-0153</b>		<b>Temporary Chain Link Fence Panels (Portable), &gt;18 Months</b> <small>(01 56 26 00-0140)</small>		
	01 56 26 00-0154	LF	Temporary 4' High Chain Link Fence Panels (Portable), >18 Months .....	9.38	
			<i>For &gt;100 To 250, Deduct</i>	-0.26	
			<i>For &gt;250 To 500, Deduct</i>	-0.52	
			<i>For &gt;500, Deduct</i>	-0.77	
			<i>For Each LF Shade Cloth, Add</i>	1.60	
	01 56 26 00-0155	LF	Temporary 6' High Chain Link Fence Panels (Portable), >18 Months .....	10.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.29	
			<i>For &gt;250 To 500, Deduct</i>	-0.58	
			<i>For &gt;500, Deduct</i>	-0.86	
			<i>For Each LF Shade Cloth, Add</i>	2.55	
	01 56 26 00-0156	LF	Temporary 8' High Chain Link Fence Panels (Portable), >18 Months .....	14.45	
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.94	
			<i>For &gt;500, Deduct</i>	-1.41	
			<i>For Each LF Shade Cloth, Add</i>	3.60	
	<b>01 56 26 00-0157</b>		<b>Temporary Chain Link Fence Panels (Portable) Sandbags</b> <small>(01 56 26 00-0140)</small>		
	01 56 26 00-0158	BAG	Temporary Chain Link Fence Panels (Portable) Sandbag .....	7.99	
			Note: Includes placement and removal.		
	<b>01 56 26 00-0159</b>		<b>Temporary Safety Fence</b> <small>(01 56 26)</small>		
			Note: Includes removal after use.		
	01 56 26 00-0160	LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence .....	3.83	
	<b>01 56 29</b>		<b>Temporary Protective Walkways</b> <small>(01 56)</small>		
	01 56 29 00-0001		Temporary Sidewalk Bridge Protection <small>(01 56 29)</small>		
	01 56 29 00-0002		Installation of Sidewalk Bridge <small>(01 56 29 00-0001)</small>		
			Note: Excludes material rental. See CSI section 01 56 29 00-0005 for monthly rental x length.		
	01 56 29 00-0003	LF	Installation of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly .....	183.92	
			Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
			<i>For 3 Post System, Add</i>	6.00	
			<i>For Each Additional Foot Over 8' Wide, Add</i>	3.00	
			<i>For Each Additional Foot Over 8' High, Add</i>	2.00	
	01 56 29 00-0004	LF	Installation of Netting for Sidewalk Bridge .....	4.68	
	01 56 29 00-0005		Monthly Rental of Sidewalk Bridge <small>(01 56 29 00-0001)</small>		
			Note: Excludes installation set-up and removal. See CSI section 01 56 29 00-0002 for installation set-up, 01 56 29 00-0003 for removal.		
	01 56 29 00-0006	LF	Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly .....	15.35	
			Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
			<i>For 3 Post System, Add</i>	2.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0007 LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	17.29	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	2.59	
01 56 29 00-0008 LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	19.21	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	2.88	
01 56 29 00-0009 LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	19.21	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	2.88	
01 56 29 00-0010 LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	21.11	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	3.17	
01 56 29 00-0011 LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	24.99	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	3.75	
01 56 29 00-0012 LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	23.07	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	3.46	
01 56 29 00-0013 LF Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	26.91	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	4.04	
01 56 29 00-0014 LF Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	28.79	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
For 3 Post System, Add	4.32	
01 56 29 00-0015 LF Monthly Rental of Netting for Sidewalk Bridge.....	2.88	
<b>01 56 29 00-0016 Removal of Sidewalk Bridge (01 56 29 00-0001)</b>		
01 56 29 00-0017 LF Removal Of Heavy-Duty Steel Post And Beam Sidewalk Bridge Assembly.....	38.28	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
For 3 Post System, Add	2.50	
For Each Additional Foot Over 8' Wide, Add	1.25	
For Each Additional Foot Over 8' High, Add	0.75	
01 56 29 00-0018 LF Removal Of Netting For Sidewalk Bridge.....	1.58	
<b>01 56 29 00-0019 Temporary Safety Nets (01 56 29)</b>		
Note: Includes removal after use.		
01 56 29 00-0020 SF Small Mesh Debris Netting.....	2.81	
Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.		
<b>01 56 33 Temporary Security Barriers (01 56)</b>		
<b>01 56 33 00-0001 Board-up Opening With Plywood (01 56 33)</b>		
Note: For use where directed by owner for boarding up door and window openings.		
01 56 33 00-0002 EA Up To 32 SF Plywood, For Board-Up Opening.....	106.45	
01 56 33 00-0003 EA >32 To 64 SF Plywood, For Board-Up Opening.....	212.88	
01 56 33 00-0004 EA >64 SF Plywood, For Board-Up Opening.....	353.96	
01 56 33 00-0005 EA Install 2" x 4" Frames, Up To 32 SF Area, For Board-Up Opening.....	34.88	
01 56 33 00-0006 EA Install 2" x 4" Frames, >32 To 64 SF Area, For Board-Up Opening.....	69.78	
01 56 33 00-0007 EA Install 2" x 4" Frames, >64 SF Area, For Board-Up Opening.....	130.66	
01 56 33 00-0008 EA Install Hinges For Door Board-Up (Each Door).....	78.25	
01 56 33 00-0009 EA Provide Lock For Temporary Door.....	163.62	
01 56 33 00-0010 EA Provide And Install Board-Up Door For Other Than Plywood Door.....	274.28	
<b>01 56 33 00-0011 Temporary Pedestrian Barricade (01 56 33)</b>		
Note: Portable, interlocking galvanized steel fence with pivoting legs.		
01 56 33 00-0012 DAY 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	14.34	
01 56 33 00-0013 WK 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	34.83	
01 56 33 00-0014 MO 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	104.50	
<b>01 56 39 Temporary Tree and Plant Protection (01 56)</b>		
<b>01 56 39 00-0001 Temporary Tree Guards (01 56 39)</b>		
Note: Includes digging holes and removal after use.		
01 56 39 00-0002 EA Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	223.14	
01 56 39 00-0003 EA 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	262.68	
01 56 39 00-0004 EA 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail.....	285.07	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 50</b>	<b>Temporary Facilities and Controls</b>
	<b>01 57</b>	<b>Temporary Controls</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**01 57 Temporary Controls** (01 50)

**01 57 13 Temporary Erosion and Sediment Control** (01 57)  
See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.

**01 57 23 Temporary Storm Water Pollution Control** (01 57)  
See CSI section 31 25 00 00-0000 for temporary storm water pollution control.

<b>01 57 23 00-0001</b>	<b>Temporary Drain Guard</b> <small>(01 57 23)</small>		
	Note: Includes removal after use.		
01 57 23 00-0002	EA 36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227).....	116.87	
01 57 23 00-0003	EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217).....	114.76	
	Note: Up to 0.87 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0004	EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219).....	144.45	
	Note: Up to 1.38 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0005	EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356).....	142.32	
	Note: Up to 1.55 gallons oil, up to 40 Lb. sediment.		
01 57 23 00-0006	EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358).....	174.14	
	Note: Up to 2.06 gallons oil, up to 40 Lb. sediment.		

**01 58 Project Identification** (01 50)

Note: Includes removal after use.

**01 58 13 Temporary Project Signage** (01 58)

<b>01 58 13 00-0001</b>	<b>Project Sign</b> <small>(01 58 13)</small>		
<b>01 58 13 00-0002</b>	<b>MDO Plywood Signs</b> <small>(01 58 13 00-0001)</small>		
	Note: Excludes posts.		
<b>01 58 13 00-0003</b>	<b>Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0002)</small>		
<b>01 58 13 00-0004</b>	<b>Engineer Grade, Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0003)</small>		
01 58 13 00-0005	EA Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....	168.61	29.09
	For High-Intensity Grade, Add	38.65	
	For Diamond Grade, Add	74.55	
01 58 13 00-0006	EA >8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign.....	281.70	30.41
	For High-Intensity Grade, Add	77.31	
	For Diamond Grade, Add	149.10	
01 58 13 00-0007	EA >16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....	394.79	31.72
	For High-Intensity Grade, Add	115.97	
	For Diamond Grade, Add	223.65	
01 58 13 00-0008	EA >24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....	507.89	33.05
	For High-Intensity Grade, Add	154.62	
	For Diamond Grade, Add	298.20	
01 58 13 00-0009	SF >32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign .....	15.93	1.05
	For High-Intensity Grade, Add	4.83	
	For Diamond Grade, Add	9.32	
<b>01 58 13 00-0010</b>	<b>Non-Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0002)</small>		
<b>01 58 13 00-0011</b>	<b>One Or Two Color Design, Non-Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0010)</small>		
01 58 13 00-0012	EA Up To 8 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign.....	214.82	29.09
01 58 13 00-0013	EA >8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....	254.85	30.41
01 58 13 00-0014	EA >16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....	317.14	31.72
01 58 13 00-0015	EA >24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....	375.97	33.05
01 58 13 00-0016	SF >32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign .....	11.80	1.05
<b>01 58 13 00-0017</b>	<b>Full Color Design, Non-Reflectorized, MDO Plywood Signs</b> <small>(01 58 13 00-0010)</small>		
01 58 13 00-0018	EA Up To 8 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign.....	219.23	29.09
01 58 13 00-0019	EA >8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....	278.63	30.41
01 58 13 00-0020	EA >16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....	341.30	31.72
01 58 13 00-0021	EA >24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....	396.68	33.05
01 58 13 00-0022	SF >32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign .....	12.45	1.05
<b>01 58 13 00-0023</b>	<b>Fabricate And Install New Posts</b> <small>(01 58 13 00-0001)</small>		
	Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF Galvanized Metal Channel Sign Posts.....	17.95	
01 58 13 00-0025	LF 4" x 4" Pressure Treated Wood Sign Posts .....	13.32	
01 58 13 00-0026	LF 4" x 6" Pressure Treated Wood Sign Posts .....	16.29	
<b>01 58 13 00-0027</b>	<b>Owner Supplied Signs</b> <small>(01 58 13 00-0001)</small>		
01 58 13 00-0028	EA Installation And Removal Of Owner Supplied Project Sign .....	105.76	

**01 60 Product Requirements** (01)

**01 66 Product Storage and Handling Requirements** (01 60)



<b>General Requirements</b>		<b>01</b>
<b>Product Requirements</b>		<b>01 60</b>
<b>Product Storage and Handling Requirements</b>		<b>01 66</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 66 19</b>			<b>Product Handling Requirements</b> <sup>(01 66)</sup>		
			Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.		
01 66 19 00-0001			<b>Transfer Delivered Materials Between Floors</b> <sup>(01 66 19)</sup>		
			Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0002	CY		Transfer Delivered Material Between Floors Via Stairs, Per Floor.....	20.34	
			Note: Quantity equals volume of materials multiplied by number of floors traveled.		
01 66 19 00-0003	CY		Transfer Delivered Material Between Floors Via Elevator, Per Trip.....	13.22	
			Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0004			<b>Transfer Delivered Materials Distances Greater Than 125'</b> <sup>(01 66 19)</sup>		
			Note: For moving delivered, owner supplied or existing materials in a building.		
01 66 19 00-0005	CY		Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'.....	8.26	
01 66 19 00-0006			<b>Transfer Demolition Debris Between Floors</b> <sup>(01 66 19)</sup>		
			Note: Only for use with demolition tasks.		
01 66 19 00-0007	CY		Transfer Demolition Debris Between Floors Via Stairs, Per Floor.....	20.34	
			Note: Quantity equals material volume times bulk factor times number of floors traveled.		
01 66 19 00-0008	CY		Transfer Demolition Debris Between Floors Via Elevator, Per Trip.....	13.22	
			Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.		
01 66 19 00-0009			<b>Transfer Demolition Debris Distances Greater Than 125'</b> <sup>(01 66 19)</sup>		
			Note: Only for use with demolition tasks.		
01 66 19 00-0010	CY		Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'.....	8.26	
01 66 19 00-0011			<b>Moving Furniture And Furnishings</b> <sup>(01 66 19)</sup>		
			Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.		
01 66 19 00-0012	SF		Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings.....	1.32	
			Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.		
<b>01 70</b>			<b>Execution and Closeout Requirements</b> <sup>(01)</sup>		
<b>01 71</b>			<b>Examination and Preparation</b> <sup>(01 70)</sup>		
<b>01 71 13</b>			<b>Mobilization</b> <sup>(01 71)</sup>		
01 71 13 00-0001			<b>Equipment Delivery, Pickup, Mobilization And Demobilization</b> <sup>(01 71 13)</sup>		
			Note: Excludes flagman for traffic control where necessary. Per each mobilization delivery.		
01 71 13 00-0002	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck.....	441.08	
			Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.		
01 71 13 00-0003	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed.....	1,436.82	
			Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy-duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.		
<b>01 71 36</b>			<b>Non-Destructive Concrete Examination</b> <sup>(01 71)</sup>		
01 71 36 00-0001			<b>Electromagnetic Survey</b> <sup>(01 71 36)</sup>		
			Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).		
01 71 36 00-0002			<b>Electromagnetic (SIR/GPR) Survey</b> <sup>(01 71 36 00-0001)</sup>		
01 71 36 00-0003	EA		Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,151.58	
01 71 36 00-0004	EA		>1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,727.37	
01 71 36 00-0005	EA		>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	3,454.74	
01 71 36 00-0006			<b>Reports And Mapping For Electromagnetic (SIR/GPR) Surveys</b> <sup>(01 71 36 00-0001)</sup>		
01 71 36 00-0007	EA		Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	383.86	
			Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.		
01 71 36 00-0008	EA		GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	767.72	
			Note: Includes GPS coordinates of located items and reference items.		
01 71 36 00-0009	EA		CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,727.37	
			Note: Includes additions to the owner provided CAD drawing.		

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 70</b>	<b>Execution and Closeout Requirements</b>
	<b>01 71</b>	<b>Examination and Preparation</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**01 74 Cleaning and Waste Management** (01 70)

**01 74 13 Progress Cleaning** (01 74)

Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.

**01 74 13 00-0001 General** (01 74 13)

01 74 13 00-0002	CSF	Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent .....	26.47
01 74 13 00-0003	CY	Collect Existing Debris And Load Into Truck Or Dumpster .....	30.97

Note: Per CY of debris removed.

**01 74 19 Construction Waste Management and Disposal** (01 74)

Note: Tasks in this section shall be used as directed by owner.

**01 74 19 00-0001 Debris Chutes** (01 74 19)

Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.

**01 74 19 00-0002 Steel Temporary Debris Chutes** (01 74 19 00-0001)

01 74 19 00-0003	LF	18" Diameter, Steel Temporary Debris Chute .....	41.14
01 74 19 00-0004	LF	30" Diameter, Steel Temporary Debris Chute .....	62.75

**01 74 19 00-0005 Plastic Temporary Debris Chutes** (01 74 19 00-0001)

01 74 19 00-0006	LF	24" Diameter, Plastic Temporary Debris Chute .....	16.29
		<i>For Steel Liner, Add</i> .....	3.24
01 74 19 00-0007	LF	30" Diameter, Plastic Temporary Debris Chute .....	18.69
		<i>For Steel Liner, Add</i> .....	3.72
01 74 19 00-0008	LF	36" Diameter, Plastic Temporary Debris Chute .....	21.06
		<i>For Steel Liner, Add</i> .....	4.20

**01 74 19 00-0009 Wood Temporary Debris Chutes** (01 74 19 00-0001)

01 74 19 00-0010	LF	4' x 4', Wood Temporary Debris Chute .....	32.62
------------------	----	--	-------

Note: Includes fabrication and installation.

**01 74 19 00-0011 Construction Dumpsters Rental** (01 74 19)

Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.

01 74 19 00-0012	EA	6 CY Dumpster (0.5 Ton) "Construction Debris" .....	414.61
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00
01 74 19 00-0013	EA	10 CY Dumpster (1 Ton) "Construction Debris" .....	490.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00
01 74 19 00-0014	EA	15 CY Dumpster (2 Ton) "Construction Debris" .....	534.98
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00
01 74 19 00-0015	EA	20 CY Dumpster (3 Ton) "Construction Debris" .....	585.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00
01 74 19 00-0016	EA	30 CY Dumpster (4 Ton) "Construction Debris" .....	634.96
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00
01 74 19 00-0017	EA	40 CY Dumpster (5 Ton) "Construction Debris" .....	735.00
		Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	
		<i>For Each Ton Over Indicated Amount, Add</i> .....	45.00

**01 74 19 00-0018 Concrete Washout Service** (01 74 19)

01 74 19 00-0019	MO	Rampless Concrete Washout Bin .....	503.44
		Note: Includes delivery.	
01 74 19 00-0020	MO	Ramped Concrete Washout Bin .....	604.13
		Note: Includes delivery.	
01 74 19 00-0021	EA	Interim Vacuum Service, Concrete Washout Bin .....	634.50
		Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	
01 74 19 00-0022	EA	Vacuum, Pickup, Swap And Dump, Concrete Washout Bin .....	1,374.75
		Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	

**01 74 19 00-0023 Debris Processing Fee** (01 74 19)





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>01 74 19 00-0024</b> <b>Material Recycling Fees</b> <small>(01 74 19 00-0023)</small>		
<small>Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.</small>		
01 74 19 00-0025    CY   Drop-Off Asphalt At Recycling Center .....	21.62	
01 74 19 00-0026    CY   Drop-Off Non-Reinforced Concrete At Recycling Center .....	28.97	
01 74 19 00-0027    CY   Drop-Off Reinforced Concrete At Recycling Center .....	43.45	
01 74 19 00-0028    CY   Drop-Off Brick Or Block At Recycling Center .....	37.66	
01 74 19 00-0029    CY   Drop-Off Dirt At Recycling Center .....	42.00	
01 74 19 00-0030    CY   Drop-Off Dimensional Lumber At Recycling Center .....	20.28	
<b>01 74 19 00-0031</b> <b>Landfill Dump Fees</b> <small>(01 74 19 00-0023)</small>		
<small>Note: Actual disposal quantities will be verified through certified load tickets upon completion of the work. Any discrepancies in quantities specified from the corresponding price proposal shall be rectified through a supplemental job order. Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling. See CSI section 01 74 19 00-0064 for hauling.</small>		
01 74 19 00-0032    TON   Disposal Of Construction And Demolition Debris .....	83.72	
01 74 19 00-0033    TON   Disposal Of Non-Hazardous Special Waste .....	50.35	
<small>Note: Includes but not limited to the following: In-Place Impacted Soil, Soil exceeds Tier 1 Residential SRO's, Unsuitable Soil, Contaminated Soil, Treated Lead Impacted Soil, and PNA Impacted Urban Fill.</small>		
<small>For &gt;5,000 To 10,000, Deduct</small>		
	-0.50	
<small>For &gt;10,000 To 30,000, Deduct</small>		
	-1.50	
<small>For &gt;30,000, Deduct</small>		
	-2.00	
01 74 19 00-0034    TON   Disposal Of Clean Fill Material .....	9.62	
<small>Note: Includes but not limited to the following: Soil does not exceed Tier 1 Residential SRO's and In-Place Non-Impacted Soil.</small>		
01 74 19 00-0035    TON   Disposal Of Municipal Solid Waste .....	72.41	
<small>Note: Includes garbage waste not classified as Non-Hazardous Special Waste.</small>		
<b>01 74 19 00-0036</b> <b>Mobile Crusher</b> <small>(01 74 19 00-0023)</small>		
<small>Note: Includes crusher, operators, foreman, laborers and loader equipment.</small>		
01 74 19 00-0037    EA   Mobilization Cost Of Mobile Concrete Crusher .....	10,000.00	
<small>Note: Daily output of crusher is estimated at 1500 Tons.</small>		
01 74 19 00-0038    TON   Daily Operation Of Mobile Concrete Crusher .....	5.75	
<small>Note: Daily output of crusher is estimated at 1500 Tons. Includes crusher, operators, foreman, laborers and loader equipment.</small>		
<b>01 74 19 00-0039</b> <b>Hauling Of Excavated Material For Use As Earthen Fill On Site</b> <small>(01 74 19)</small>		
<small>Note: To be used for relocation of excavated material on site, loose CY volumes apply. Includes the wait times, hauling and dumping of material at distances of over 200'. Excludes loading, grading and compaction tasks. Not to be used with cut /fill operations of less than 200'.</small>		
01 74 19 00-0040    CY   200' To 500' On Site Hauling Of Material For Fill .....	2.24	
01 74 19 00-0041    CY   >500' To 1,500' On Site Hauling Of Material For Fill .....	2.43	
01 74 19 00-0042    CY   >1,500' On Site Hauling Of Material For Fill .....	2.62	
<b>01 74 19 00-0043</b> <b>Hauling Of Materials To Disposal Sites</b> <small>(01 74 19)</small>		
<small>Note: To be used for the hauling of all materials including special wastes from the project site to approved disposal sites. Includes all costs including the costs associated with: highway tolls, weight time for loading and dumping. Select the appropriate line item based on the ward that the Project is located in. Excludes hauling of hazardous waste and, costs for dump fees, and loading.</small>		
01 74 19 00-0044    CY   Haul Material From Wards (12,14,22,23) .....	14.29	
01 74 19 00-0045    CY   Haul Material From Wards (2,9,10,11,13,15,16,18,25,27,28,34,45) .....	15.50	
01 74 19 00-0046    CY   Haul Material From Wards (1,3,6,7,8,17,19,20,21,26,29,30,31,33, 35,36,37,38,39,41) .....	16.64	
01 74 19 00-0047    CY   Haul Material From Wards (4,5,32,42,43) .....	22.97	
01 74 19 00-0048    CY   Haul Material From Wards (40,44,47,46,48,49,50) .....	25.76	
<b>01 74 19 00-0049</b> <b>Hauling Of Building Debris To Disposal Sites</b> <small>(01 74 19)</small>		
<small>Note: To be used for the hauling of building demolition debris from the project site to approved disposal sites. Includes all costs including the costs associated with: highway tolls, weight time for loading and dumping. Select the appropriate task based on the ward that the Project is located in. Excludes hauling of hazardous waste and, costs for dump fees, and loading.</small>		
01 74 19 00-0050    CY   Haul Building Debris From Wards (12,14,22,23,9,10,13,15,16,25, 27,28,34) .....	13.69	
01 74 19 00-0051    CY   Haul Building Debris From Wards (1,3,6,8,17,20,21,26,29,30,31, 32,33,35,37,39,40,42,43,44,48,49,50) .....	13.88	
01 74 19 00-0052    CY   Haul Building Debris From Wards (2,4,5,7,11,18,19,36,38,41,45,47, 46) .....	16.31	
<b>01 74 19 00-0053</b> <b>Hauling Of Imported Materials</b> <small>(01 74 19)</small>		
<small>Note: Includes delivery from the approved source, any cost for loading, highway tolls and dumping. Select the appropriate task based on the ward that the Project is located in. Excludes any cost for purchasing, spreading or backfilling. All material priced per respective unit of measure stone, aggregate and engineered fill material by weight and all loose non-engineered, earthen fill material by volume. The Contractor must submit load tickets indicating the type of material, the amount of material and source.</small>		
01 74 19 00-0054    CY   Haul Imported Earthen Fill Wards (12,14,22,23) .....	13.88	
01 74 19 00-0055    CY   Haul Imported Earthen Fill Wards (2,9,10,11,13,15,16,18,25,27, 28,34,45 ) .....	15.21	
01 74 19 00-0056    CY   Haul Imported Earthen Fill Wards (1,3,6,7,8,17,19,20,21,26,29, 30,31,33,35,36,37,38,39,41) .....	16.38	
01 74 19 00-0057    CY   Haul Imported Earthen Fill Wards (4,5,32,42,43) .....	17.00	
01 74 19 00-0058    CY   Haul Imported Earthen Fill Wards (40,44,47,46,48,49,50) .....	19.07	
01 74 19 00-0059    TON   Haul Imported Stone / Aggregate Fill To Wards (12,14,22,23) .....	8.42	
01 74 19 00-0060    TON   Haul Imported Stone / Aggregate Fill To Wards (2,9,10,11,13,15, 16,18,25,27,28,34,45) .....	8.23	
01 74 19 00-0061    TON   Haul Imported Stone / Aggregate Fill To Wards (1,3,6,7,8,17,19, 20,21,26,29,30,31,33,35,36,37,38,39,41) .....	9.19	

<b>01</b>	<b>01</b>	<b>General Requirements</b>
	<b>01 70</b>	<b>Execution and Closeout Requirements</b>
	<b>01 74</b>	<b>Cleaning and Waste Management</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
01 74 19 00-0062	TON Haul Imported Stone / Aggregate Fill To Wards (4,5,32,42,43) .....	9.97
01 74 19 00-0063	TON Haul Imported Stone / Aggregate Fill To Wards (40,44,47,46,48, 49,50) .....	11.09
<b>01 74 19 00-0064</b>	<b>Hauling</b> <small>(01 74 19)</small>	
	Note: This hauling work task is to be used only for the hauling of material from the project site outside the City limits. Includes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM.	
01 74 19 00-0065	CYM Hauling.....	0.95
<b>01 74 23</b>	<b>Final Cleaning</b> <small>(01 74)</small>	
<b>01 74 23 00-0001</b>	<b>Cleaning Of Glass</b> <small>(01 74 23)</small>	
01 74 23 00-0002	CSF Cleaning Of Existing Glass Surfaces .....	35.55

**END OF SECTION 01**



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Assessment	02 20	
Existing Material Assessment	02 25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 02 Existing Conditions

### 02 20 Assessment <sup>(02)</sup>

#### 02 25 Existing Material Assessment <sup>(02 20)</sup>

##### 02 25 16 Existing Concrete, Masonry or Asphalt Assessment <sup>(02 25)</sup>

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

##### 02 25 16 13 Concrete Assessment Drilling <sup>(02 25 16)</sup>

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

### 02 30 Subsurface Investigation <sup>(02)</sup>

#### 02 32 Geotechnical Investigations <sup>(02 30)</sup>

##### 02 32 13 Subsurface Drilling and Sampling <sup>(02 32)</sup>

See CSI section 01 45 23 00-0000 for testing and lab reports.

##### 02 32 13 00-0001 Mobilization Of Drilling Crew <sup>(02 32 13)</sup>

02 32 13 00-0002 EA Mobilization Of Drilling Crew ..... 1,337.08

##### 02 32 13 00-0003 Auger Borings <sup>(02 32 13)</sup>

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals ..... 40.27

##### 02 32 13 00-0005 Cased Borings In Earth, With Samples <sup>(02 32 13)</sup>

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples ..... 100.84

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples ..... 172.44

##### 02 32 13 00-0008 Drilling In Rock, BW Core (2.125") <sup>(02 32 13)</sup>

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing ..... 106.99

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes ..... 9.99

##### 02 32 13 00-0011 Drilling In Rock, NW Core (2.98") <sup>(02 32 13)</sup>

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing ..... 138.26

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes ..... 11.49

##### 02 32 13 00-0014 Shelby Tube Sampling <sup>(02 32 13)</sup>

02 32 13 00-0015 EA Shelby Tube Sampling ..... 55.46

02 32 13 00-0016 EA Penetration Test ..... 45.19

##### 02 32 13 00-0017 Grouting <sup>(02 32 13)</sup>

02 32 13 00-0018 VLF Boreholes ..... 10.51

#### 02 32 19 Exploratory Excavations <sup>(02 32)</sup>

##### 02 32 19 00-0001 Hydro Excavation <sup>(02 32 19)</sup>

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Minimum Charge ..... 723.36

Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 32 19 00-0003 EA Hydro Excavation, Mobilization/Demobilization ..... 180.84

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) ..... 40.18

Note: Normal soil conditions consist of silt, sand and gravel.

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) ..... 64.29

Note: Adverse soil conditions consist of clay, glacial till and rocks.

## 02 40 Demolition and Structure Moving <sup>(02)</sup>

### 02 41 Demolition <sup>(02 40)</sup>

#### 02 41 13 Selective Site Demolition <sup>(02 41)</sup>

##### 02 41 13 13 Paving Removal <sup>(02 41 13)</sup>

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

02 41 13 13-0001	By Machine, Break-up And Remove Bituminous And Concrete Paving <sup>(02 41 13</sup>	
	<sup>13)</sup> Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0051 for saw cutting.	
02 41 13 13-0002	SY Up To 3" By Machine, Break-up And Remove Bituminous Paving .....	16.74
	For Elevated Slab, Add	8.37
	For >500 To 1,000, Deduct	-1.67
	For >1,000 To 2,500, Deduct	-3.01
	For >2,500 To 5,000, Deduct	-4.35
	For >5,000 To 10,000, Deduct	-5.69
	For >10,000, Deduct	-7.03
02 41 13 13-0003	SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving.....	22.86
	For Elevated Slab, Add	11.43
	For >500 To 1,000, Deduct	-2.29
	For >1,000 To 2,500, Deduct	-4.11
	For >2,500 To 5,000, Deduct	-5.94
	For >5,000 To 10,000, Deduct	-7.77
	For >10,000, Deduct	-9.60
02 41 13 13-0004	SY >6" To 9" By Machine, Break-up And Remove Bituminous Paving.....	31.72
	For Elevated Slab, Add	15.86
	For >500 To 1,000, Deduct	-3.17
	For >1,000 To 2,500, Deduct	-5.71
	For >2,500 To 5,000, Deduct	-8.25
	For >5,000 To 10,000, Deduct	-10.78
	For >10,000, Deduct	-13.32
02 41 13 13-0005	SY >9" To 12" By Machine, Break-up And Remove Bituminous Paving.....	41.38
	For Elevated Slab, Add	20.69
	For >500 To 1,000, Deduct	-4.14
	For >1,000 To 2,500, Deduct	-7.45
	For >2,500 To 5,000, Deduct	-10.76
	For >5,000 To 10,000, Deduct	-14.07
	For >10,000, Deduct	-17.38
02 41 13 13-0006	SY >12" To 15" By Machine, Break-up And Remove Bituminous Paving.....	57.60
	For Elevated Slab, Add	28.80
	For >500 To 1,000, Deduct	-5.76
	For >1,000 To 2,500, Deduct	-10.37
	For >2,500 To 5,000, Deduct	-14.98
	For >5,000 To 10,000, Deduct	-19.58
	For >10,000, Deduct	-24.19
02 41 13 13-0007	SY >15" To 18" By Machine, Break-up And Remove Bituminous Paving.....	79.20
	For Elevated Slab, Add	39.60
	For >500 To 1,000, Deduct	-7.92
	For >1,000 To 2,500, Deduct	-14.26
	For >2,500 To 5,000, Deduct	-20.59
	For >5,000 To 10,000, Deduct	-26.93
	For >10,000, Deduct	-33.26
02 41 13 13-0008	SY Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving .....	19.26
	For Elevated Slab, Add	9.63
	For >500 To 1,000, Deduct	-1.93
	For >1,000 To 2,500, Deduct	-3.47
	For >2,500 To 5,000, Deduct	-5.01
	For >5,000 To 10,000, Deduct	-6.55
	For >10,000, Deduct	-8.09
02 41 13 13-0009	SY >3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	25.20
	For Elevated Slab, Add	12.60
	For >500 To 1,000, Deduct	-2.52
	For >1,000 To 2,500, Deduct	-4.54
	For >2,500 To 5,000, Deduct	-6.55
	For >5,000 To 10,000, Deduct	-8.57
	For >10,000, Deduct	-10.58
02 41 13 13-0010	SY >6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	44.99
	For Elevated Slab, Add	22.50
	For >500 To 1,000, Deduct	-4.50
	For >1,000 To 2,500, Deduct	-8.10
	For >2,500 To 5,000, Deduct	-11.70
	For >5,000 To 10,000, Deduct	-15.30
	For >10,000, Deduct	-18.90
02 41 13 13-0011	SY >9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	58.78
	For Elevated Slab, Add	29.39
	For >500 To 1,000, Deduct	-5.88
	For >1,000 To 2,500, Deduct	-10.58
	For >2,500 To 5,000, Deduct	-15.28
	For >5,000 To 10,000, Deduct	-19.99
	For >10,000, Deduct	-24.69
02 41 13 13-0012	SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	25.56
	For Elevated Slab, Add	12.78
	For >500 To 1,000, Deduct	-2.56
	For >1,000 To 2,500, Deduct	-4.60
	For >2,500 To 5,000, Deduct	-6.65
	For >5,000 To 10,000, Deduct	-8.69
	For >10,000, Deduct	-10.74



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0013 SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	33.12	
<i>For Elevated Slab, Add</i>	16.56	
<i>For &gt;500 To 1,000, Deduct</i>	-3.31	
<i>For &gt;1,000 To 2,500, Deduct</i>	-5.96	
<i>For &gt;2,500 To 5,000, Deduct</i>	-8.61	
<i>For &gt;5,000 To 10,000, Deduct</i>	-11.26	
<i>For &gt;10,000, Deduct</i>	-13.91	
02 41 13 13-0014 SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	54.90	
<i>For Elevated Slab, Add</i>	27.45	
<i>For &gt;500 To 1,000, Deduct</i>	-5.49	
<i>For &gt;1,000 To 2,500, Deduct</i>	-9.88	
<i>For &gt;2,500 To 5,000, Deduct</i>	-14.27	
<i>For &gt;5,000 To 10,000, Deduct</i>	-18.67	
<i>For &gt;10,000, Deduct</i>	-23.06	
02 41 13 13-0015 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	27.72	
<i>For Elevated Slab, Add</i>	13.86	
<i>For &gt;500 To 1,000, Deduct</i>	-2.77	
<i>For &gt;1,000 To 2,500, Deduct</i>	-4.99	
<i>For &gt;2,500 To 5,000, Deduct</i>	-7.21	
<i>For &gt;5,000 To 10,000, Deduct</i>	-9.42	
<i>For &gt;10,000, Deduct</i>	-11.64	
02 41 13 13-0016 SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	35.64	
<i>For Elevated Slab, Add</i>	17.82	
<i>For &gt;500 To 1,000, Deduct</i>	-3.56	
<i>For &gt;1,000 To 2,500, Deduct</i>	-6.42	
<i>For &gt;2,500 To 5,000, Deduct</i>	-9.27	
<i>For &gt;5,000 To 10,000, Deduct</i>	-12.12	
<i>For &gt;10,000, Deduct</i>	-14.97	
02 41 13 13-0017 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	63.72	
<i>For Elevated Slab, Add</i>	31.86	
<i>For &gt;500 To 1,000, Deduct</i>	-6.37	
<i>For &gt;1,000 To 2,500, Deduct</i>	-11.47	
<i>For &gt;2,500 To 5,000, Deduct</i>	-16.57	
<i>For &gt;5,000 To 10,000, Deduct</i>	-21.66	
<i>For &gt;10,000, Deduct</i>	-26.76	
02 41 13 13-0018 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	83.16	
<i>For Elevated Slab, Add</i>	41.58	
<i>For &gt;500 To 1,000, Deduct</i>	-8.32	
<i>For &gt;1,000 To 2,500, Deduct</i>	-14.97	
<i>For &gt;2,500 To 5,000, Deduct</i>	-21.62	
<i>For &gt;5,000 To 10,000, Deduct</i>	-28.27	
<i>For &gt;10,000, Deduct</i>	-34.93	
02 41 13 13-0019 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	108.72	
<i>For Elevated Slab, Add</i>	54.36	
<i>For &gt;500 To 1,000, Deduct</i>	-10.87	
<i>For &gt;1,000 To 2,500, Deduct</i>	-19.57	
<i>For &gt;2,500 To 5,000, Deduct</i>	-28.27	
<i>For &gt;5,000 To 10,000, Deduct</i>	-36.96	
<i>For &gt;10,000, Deduct</i>	-45.66	
02 41 13 13-0020 SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	131.93	
<i>For Elevated Slab, Add</i>	65.97	
<i>For &gt;500 To 1,000, Deduct</i>	-13.19	
<i>For &gt;1,000 To 2,500, Deduct</i>	-23.75	
<i>For &gt;2,500 To 5,000, Deduct</i>	-34.30	
<i>For &gt;5,000 To 10,000, Deduct</i>	-44.86	
<i>For &gt;10,000, Deduct</i>	-55.41	
<b>02 41 13 13-0021 By Hand, Break-up And Remove Bituminous And Concrete Paving</b> <small>(02 41 13 13)</small>		
<small>Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0051 for saw cutting.</small>		
02 41 13 13-0022 SF Up To 3" By Hand, Break-up And Remove Bituminous Paving .....	4.50	
02 41 13 13-0023 SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving .....	5.92	
02 41 13 13-0024 SF >6" To 9" By Hand, Break-up And Remove Bituminous Paving .....	7.69	
02 41 13 13-0025 SF Up To 3" By Hand, Break-up And Remove Concrete Paving .....	5.62	
02 41 13 13-0026 SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....	7.76	
02 41 13 13-0027 SF >6" To 9" By Hand, Break-up And Remove Concrete Paving.....	9.94	
<b>02 41 13 13-0028 Grind Concrete</b> <small>(02 41 13 13)</small>		
02 41 13 13-0029 EA Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....	233.59	
<small>Note: For each location up to 5' wide, feather up to 12" each direction.</small>		
<i>For &gt;1/2" To 1" Depth Of Grinding, Add</i>	35.04	
<i>For &gt;1" To 1-1/2" Depth Of Grinding, Add</i>	58.40	
<i>For Up To 5, Add</i>	46.72	
<i>For &gt;5 To 10, Add</i>	23.36	
<i>For &gt;25 To 50, Deduct</i>	-23.36	
<i>For &gt;50 To 250, Deduct</i>	-35.04	
<i>For &gt;250, Deduct</i>	-46.72	
<i>For Sidewalks &gt;5', Add</i>	23.36	
<i>For Up To 12" Additional Feathering Per Side, Add</i>	23.36	



**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**02 41 13 15 Hydro Demolition** (02 41 13)**02 41 13 15-0001 Hydro Demolition Of Concrete Pavement** (02 41 13 15)

Note: Includes removal but excludes disposal of concrete.

02 41 13 15-0002	SF	Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	8.40
02 41 13 15-0003	SF	>2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	10.50
02 41 13 15-0004	SF	>4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	14.06
02 41 13 15-0005	SF	>6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....	27.97

**02 41 13 43 Selective Site Demolition** (02 41 13)**02 41 13 43-0001 Removals** (02 41 13 43)

Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.

02 41 13 43-0002	SY	Pavement Removal, 6" To 9", (0 > 250).....	45.35
02 41 13 43-0003	SY	Pavement Removal, 6" To 9", (250 > 2500).....	37.43
02 41 13 43-0004	SY	Pavement Removal, 6" To 9", (2,500 > 5,000).....	31.76
02 41 13 43-0005	SY	Pavement Removal, 6" To 9", (5,000 > 10,000).....	27.00
02 41 13 43-0006	SY	Pavement Removal, 6" To 9", (10,000 >).....	22.26
02 41 13 43-0007	SY	Pavement Removal, 9" To 12", (0 > 250).....	56.67
02 41 13 43-0008	SY	Pavement Removal, 9" To 12", (250 > 2500).....	46.73
02 41 13 43-0009	SY	Pavement Removal, 9" To 12", (2,500 > 5,000).....	39.70
02 41 13 43-0010	SY	Pavement Removal, 9" To 12", (5,000 > 10,000).....	33.03
02 41 13 43-0011	SY	Pavement Removal, 9" To 12", (10,000 >).....	29.57
02 41 13 43-0012	SY	Pavement Removal, 12" Or Greater, (0 > 250).....	68.02
02 41 13 43-0013	SY	Pavement Removal, 12" Or Greater, (250 > 2500).....	56.01
02 41 13 43-0014	SY	Pavement Removal, 12" Or Greater, (2,500 > 5,000).....	47.61
02 41 13 43-0015	SY	Pavement Removal, 12" Or Greater, (5,000 > 10,000).....	40.38
02 41 13 43-0016	SY	Pavement Removal, 12" Or Greater, (10,000 >).....	33.09
02 41 13 43-0017	SY	Pavement Removal And Replacement, (0 > 50).....	173.96
02 41 13 43-0018	SY	Pavement Removal And Replacement, (50 > 500).....	134.13
02 41 13 43-0019	SY	Pavement Removal And Replacement, (500 > 2,000).....	107.08
02 41 13 43-0020	SY	Pavement Removal And Replacement, (2,000 >).....	85.71
02 41 13 43-0021	SY	Track Removal, (Up To 100).....	104.79
02 41 13 43-0022	SY	Track Removal, (>100 To 500).....	97.18
02 41 13 43-0023	SY	Track Removal, (>500).....	53.34
02 41 13 43-0024	SY	Granite Block And Brick Paver Removal And Salvage, (Up To 100).....	177.20
02 41 13 43-0025	SY	Granite Block And Brick Paver Removal And Salvage, (>100 To 500).....	147.68
02 41 13 43-0026	SY	Granite Block And Brick Paver Removal And Salvage, (>500).....	118.14
02 41 13 43-0027	LF	Curb Removal, (0 > 20).....	13.85
02 41 13 43-0028	LF	Curb Removal, (20 > 1500).....	11.52
02 41 13 43-0029	LF	Curb Removal, (1500 >).....	10.15
02 41 13 43-0030	LF	Combination Curb And Gutter Removal, (0 > 100).....	13.34
02 41 13 43-0031	LF	Combination Curb And Gutter Removal, (100 > 1500).....	10.20
02 41 13 43-0032	LF	Combination Curb And Gutter Removal, (1,500 > 10,000).....	8.76
02 41 13 43-0033	LF	Combination Curb And Gutter Removal, (10,000 >).....	7.14
02 41 13 43-0034	SF	Sidewalk Removal, (0 > 500).....	5.16
02 41 13 43-0035	SF	Sidewalk Removal, (500 > 1,000).....	4.33
02 41 13 43-0036	SF	Sidewalk Removal, (1,000 > 2,500).....	3.61
02 41 13 43-0037	SF	Sidewalk Removal, (2500 > 12000).....	2.93
02 41 13 43-0038	SF	Sidewalk Removal, (12000 >).....	2.14
02 41 13 43-0039	SY	Driveway And Alley Pavement Removal, (Up To 100).....	47.77
02 41 13 43-0040	SY	Driveway And Alley Pavement Removal, (>100 To 400).....	38.43
02 41 13 43-0041	SY	Driveway And Alley Pavement Removal, (>400 To 800).....	31.16
02 41 13 43-0042	SY	Driveway And Alley Pavement Removal, (>800).....	21.17
02 41 13 43-0043	SY	Up To 50, Bituminous Concrete Surface Removal (Variable Depth).....	90.93
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0044	SY	>50 To 100, Bituminous Concrete Surface Removal, Variable Depth.....	54.28
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0045	SY	>100 To 400, Bituminous Concrete Surface Removal, Variable Depth.....	43.11
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0046	SY	>400 To 1,000, Bituminous Concrete Surface Removal, Variable Depth.....	31.30
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0047	SY	>1,000 To 5,000, Bituminous Concrete Surface Removal, Variable Depth.....	17.25
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0048	SY	>5,000, Bituminous Concrete Surface Removal, Variable Depth.....	11.74
		Note: Includes all machinery (such as milling machine, sweeper, truck), hauling and disposal.	
02 41 13 43-0049	SF	Median Removal (Special), (Up To 50).....	47.78
02 41 13 43-0050	SF	Median Removal (Special), (>50 To 250).....	27.68
02 41 13 43-0051	SF	Median Removal (Special), (>250 To 1,000).....	19.88
02 41 13 43-0052	SF	Median Removal (Special), (>1,000).....	13.46
02 41 13 43-0053	LF	Up To 100, Saw Cutting Pavement, Up To 5".....	10.96
02 41 13 43-0054	LF	>100 To 500, Saw Cutting Pavement, Up To 5".....	6.17
02 41 13 43-0055	LF	>500 To 2,500, Saw Cutting Pavement, Up To 5".....	4.98
02 41 13 43-0056	LF	>2,500, Saw Cutting Pavement, Up To 5".....	3.95
02 41 13 43-0057	LF	Up To 100, Saw Cutting Pavement, >5" To 12".....	13.71
02 41 13 43-0058	LF	>100 To 500, Saw Cutting Pavement, >5" To 12".....	7.73
02 41 13 43-0059	LF	>500 To 2,500, Saw Cutting Pavement, >5" To 12".....	6.17
02 41 13 43-0060	LF	>2,500, Saw Cutting Pavement, >5" To 12".....	4.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 43-0061 LF Up To 100, Saw Cutting Pavement, >12".....	16.44	
02 41 13 43-0062 LF >100 To 500, Saw Cutting Pavement, >12".....	9.25	
02 41 13 43-0063 LF >500 To 2,500, Saw Cutting Pavement, >12".....	7.39	
02 41 13 43-0064 LF >2,500, Saw Cutting Pavement, >12".....	6.00	
02 41 13 43-0065 EA Up To 10, Saw Cutting Curb, Full Depth.....	18.00	
02 41 13 43-0066 EA >10 To 50, Saw Cutting Curb, Full Depth.....	10.11	
02 41 13 43-0067 EA >50 To 200, Saw Cutting Curb, Full Depth.....	8.06	
02 41 13 43-0068 EA >200, Saw Cutting Curb, Full Depth.....	6.51	
02 41 13 43-0069 LF Sawcutting Pavement, Decorative Jointing, (0 > 200).....	4.53	
02 41 13 43-0070 LF Sawcutting Pavement, Decorative Jointing, (200 > 1000).....	2.75	
02 41 13 43-0071 LF Sawcutting Pavement, Decorative Jointing, (1000 > 5000).....	2.19	
02 41 13 43-0072 LF Sawcutting Pavement, Decorative Jointing, (5000 >).....	1.78	
02 41 13 43-0073 IN Tree Removal (Under 6 Inch Diameter), (0 > 10).....	69.51	
02 41 13 43-0074 IN Tree Removal (Under 6 Inch Diameter), (10 > 20).....	57.98	
02 41 13 43-0075 IN Tree Removal (Under 6 Inch Diameter), (20 > 100).....	38.89	
02 41 13 43-0076 IN Tree Removal (Under 6 Inch Diameter), (100 > 1,000).....	32.18	
02 41 13 43-0077 IN Tree Removal (Under 6 Inch Diameter), (1,000 >).....	17.17	
02 41 13 43-0078 IN Tree Removal (6 To 15 Inch Diameter), (0 > 10).....	79.88	
02 41 13 43-0079 IN Tree Removal (6 To 15 Inch Diameter), (10 > 20).....	67.41	
02 41 13 43-0080 IN Tree Removal (6 To 15 Inch Diameter), (20 > 100).....	49.91	
02 41 13 43-0081 IN Tree Removal (6 To 15 Inch Diameter), (100 > 1,000).....	39.57	
02 41 13 43-0082 IN Tree Removal (6 To 15 Inch Diameter), (1,000 >).....	24.71	
02 41 13 43-0083 IN Tree Removal (Over 15 Inch Diameter), (0 > 10).....	89.86	
02 41 13 43-0084 IN Tree Removal (Over 15 Inch Diameter), (10 > 20).....	74.88	
02 41 13 43-0085 IN Tree Removal (Over 15 Inch Diameter), (20 > 50).....	57.41	
02 41 13 43-0086 IN Tree Removal (Over 15 Inch Diameter), (50 > 1,000).....	49.68	
02 41 13 43-0087 IN Tree Removal (Over 15 Inch Diameter), (1,000 >).....	31.90	
02 41 13 43-0088 CY Removal Of Debris, (Up To 400).....	96.43	
02 41 13 43-0089 CY Removal Of Debris, (>400 To 5,000).....	54.29	
02 41 13 43-0090 CY Removal Of Debris, (>5,000).....	38.49	
02 41 13 43-0091 SF Vaulted Sidewalk Removal, Moderate.....	12.57	
02 41 13 43-0092 SF Vaulted Sidewalk Removal, Complex.....	24.31	
02 41 13 43-0093 EA Drainage Structure Removal.....	453.44	
02 41 13 43-0094 EA 3' x 3' Tree Grate And Frame Removal.....	105.69	
02 41 13 43-0095 EA 4' x 6' Tree Grate And Frame Removal.....	137.40	
02 41 13 43-0096 EA 5' x 5' Tree Grate And Frame Removal.....	142.69	
02 41 13 43-0097 EA 6' x 6' Tree Grate And Frame Removal.....	179.69	
02 41 13 43-0098 EA Utility Pole Removal, Up To 40'.....	741.53	
Note: Includes cutting pole at ground level and disposal of pole		
02 41 13 43-0099 CY Concrete Step Removal.....	392.40	
02 41 13 43-0100 LF Removal Of Guard Rail And Posts.....	11.82	
02 41 13 43-0101 LF Removal Of Chain Link Fence.....	5.19	
02 41 13 43-0102 LF Removal Of Ornamental Fence.....	8.95	
02 41 13 43-0103 SY Driveway And Alley Pavement Removal By Hand Around Structures.....	228.45	

**02 41 16 Structure Demolition (02 41)****02 41 16 13 Building Demolition (02 41 16)**

02 41 16 13-0001	Foundation Demolition (02 41 16 13)	
Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.		
02 41 16 13-0002	Break-Up And Remove Building Foundations And Footings (02 41 16 13-0001)	
Note: Excludes earthwork. See CSI section 31 00 00 00-0000 for earthwork.		
02 41 16 13-0003 CF Demolish Reinforced Concrete Building Foundation/Footings, Up To 12" Thick.....		4.88
02 41 16 13-0004 CF Demo Reinforced Concrete Building Foundation/Footings, >12" To 14" Thick.....		5.32
02 41 16 13-0005 CF Demo Reinforced Concrete Building Foundation/Footings, >14" To 16" Thick.....		6.03
02 41 16 13-0006 CF Demo Reinforced Concrete Building Foundation/Footings, >16" To 18" Thick.....		6.65
02 41 16 13-0007 CF Demo Reinforced Concrete Building Foundation/Footings, >18" To 20" Thick.....		7.09
02 41 16 13-0008 CF Demo Reinforced Concrete Building Foundation/Footings, >20" To 22" Thick.....		7.98
02 41 16 13-0009 CF Demo Reinforced Concrete Building Foundation/Footings, >22" To 24" Thick.....		8.86
02 41 16 13-0010 CF Demo Reinforced Concrete Building Foundation/Footings, >24" To 36" Thick.....		10.63
02 41 16 13-0011 CF Demo Reinforced Concrete Building Foundation/Footings, >36" To 48" Thick.....		12.41
02 41 16 13-0012	Other Foundation Demolition (02 41 16 13)	
02 41 16 13-0013	CF Demo Concrete Footing For Fence, Gate, Playground Equipment.....	17.34
Note: Includes excavation.		
	For >135 To 405, Deduct	-1.52
	For >405 To 810, Deduct	-3.03
	For >810 To 2025, Deduct	-4.34
	For >2025, Deduct	-6.94

**02 41 19 Selective Demolition (02 41)****02 41 19 13 Selective Building Demolition (02 41 19)**

02 41 19 13-0001	Exterior Masonry Removal (02 41 19 13)	
02 41 19 13-0002	Masonry Columns Removal (Interior And Exterior) (02 41 19 13-0001)	
02 41 19 13-0003	VLF 8" x 8" Masonry Column Removal.....	17.67

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
02 41 19 13-0004	VLF	10" x 10" Masonry Column Removal .....		27.60
02 41 19 13-0005	VLF	12" x 12" Masonry Column Removal .....		35.36
02 41 19 13-0006	VLF	14" x 14" Masonry Column Removal .....		44.27
02 41 19 13-0007	VLF	16" x 16" Masonry Column Removal .....		54.38
02 41 19 13-0008	CF	Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square .....		30.54
<b>02 41 19 13-0009</b>		<b>Masonry Chimney Removal</b> <small>(02 41 19 13-0001)</small>		
02 41 19 13-0010	CF	Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		35.82
02 41 19 13-0011	CF	>3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		26.89
02 41 19 13-0012	CF	>10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		20.58
02 41 19 13-0013	CF	>20 CF/VLF Chimney Removal, Per CF Of Masonry Removed .....		14.25
<b>02 41 19 13-0014</b>		<b>Remove And Reset Precast, Stone Or Masonry Coping</b> <small>(02 41 19 13-0001)</small>		
Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.				
02 41 19 13-0015	LF	Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		23.16
02 41 19 13-0016	LF	>8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		34.78
02 41 19 13-0017	LF	>12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping .....		66.74
<b>02 41 19 13-0018</b>		<b>Facade Removal</b> <small>(02 41 19 13-0001)</small>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.				
02 41 19 13-0019	SF	Stone Or Brick Veneer Facade Removal.....		6.72
		<i>For Cleaning and Storage For Reuse, Add</i>		10.08
		<i>For Reinforcing, Add</i>		1.01
<b>02 41 19 13-0020</b>		<b>Exterior Masonry Removal</b> <small>(02 41 19 13-0001)</small>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.				
02 41 19 13-0021	SF	Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall.....		5.92
02 41 19 13-0022	SF	Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall.....		6.67
02 41 19 13-0023	SF	Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall.....		8.07
02 41 19 13-0024	SF	Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall.....		8.83
02 41 19 13-0025	SF	Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall.....		9.68
02 41 19 13-0026	SF	Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall.....		12.11
02 41 19 13-0027	SF	Demolish 4" Thick Reinforced Concrete Block Exterior Wall .....		6.99
02 41 19 13-0028	SF	Demolish 6" Thick Reinforced Concrete Block Exterior Wall .....		8.01
02 41 19 13-0029	SF	Demolish 8" Thick Reinforced Concrete Block Exterior Wall .....		9.68
02 41 19 13-0030	SF	Demolish 10" Thick Reinforced Concrete Block Exterior Wall .....		10.59
02 41 19 13-0031	SF	Demolish 12" Thick Reinforced Concrete Block Exterior Wall .....		11.62
02 41 19 13-0032	SF	Demolish 16" Thick Reinforced Concrete Block Exterior Wall .....		14.54
02 41 19 13-0033	SF	Demolish 4" Thick Brick Exterior Wall.....		5.92
		<i>For Cleaning and Storage For Reuse, Add</i>		8.88
02 41 19 13-0034	SF	Demolish 6" Thick Brick Exterior Wall.....		6.67
		<i>For Cleaning and Storage For Reuse, Add</i>		10.01
02 41 19 13-0035	SF	Demolish 8" Thick Brick Exterior Wall .....		8.07
		<i>For Cleaning and Storage For Reuse, Add</i>		12.11
02 41 19 13-0036	SF	Demolish 10" Thick Brick Exterior Wall.....		8.83
		<i>For Cleaning and Storage For Reuse, Add</i>		13.25
02 41 19 13-0037	SF	Demolish 12" Thick Brick Exterior Wall.....		9.68
		<i>For Cleaning and Storage For Reuse, Add</i>		14.52
02 41 19 13-0038	SF	Demolish 16" Thick Brick Exterior Wall.....		12.11
		<i>For Cleaning and Storage For Reuse, Add</i>		18.17
02 41 19 13-0039	CF	Exterior Brick, Concrete Block Or Composite Removal .....		17.21
		<i>For Cleaning and Storage For Reuse, Add</i>		25.82
		<i>For Reinforcing, Add</i>		2.58
<b>02 41 19 13-0040</b>		<b>Lintel Removal</b> <small>(02 41 19 13-0001)</small>		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.				
02 41 19 13-0041	LF	Demolish Steel Lintel .....		15.33
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel .....		20.44
02 41 19 13-0043	LF	Demolish Steel Shelf Angle .....		16.18
<b>02 41 19 13-0044</b>		<b>Reinstall Lintel</b> <small>(02 41 19 13-0001)</small>		
Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0051 for saw cutting.				
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel.....		9.36
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel .....		20.44
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle .....		56.16
		Note: Includes fasteners.		
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel.....		22.71



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0049 LF Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls .....	92.54	
02 41 19 13-0050 LF Removal And Replacement Of Steel Lintel Over Window Openings .....	165.16	
<b>02 41 19 13-0051</b> <b>Saw Cutting</b> <small>(02 41 19 13)</small>		
<small>Note: Includes blade wear, water, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.</small>		
02 41 19 13-0052 EA Saw Cut Minimum Charge .....	1,152.37	
<small>Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.</small>		
02 41 19 13-0053 LF Bituminous Paving Up To 4" Depth, Saw Cut .....	2.51	
<small>For Each Additional Pass (Depth To 3"), Add 0.97</small>		
<small>For &gt;250, Deduct -0.24</small>		
02 41 19 13-0054 LF Brick Masonry Up To 4" Depth, Saw Cut .....	9.36	
<small>For Each Additional Pass (Depth To 3"), Add 3.70</small>		
<small>For &gt;250, Deduct -0.92</small>		
02 41 19 13-0055 LF Concrete Block Up To 4" Depth, Saw Cut .....	8.47	
<small>For Each Additional Pass (Depth To 3"), Add 3.34</small>		
<small>For &gt;250, Deduct -0.83</small>		
02 41 19 13-0056 LF Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut .....	2.90	
<small>For Each Additional Pass (Depth To 3"), Add 1.11</small>		
<small>For &gt;250, Deduct -0.27</small>		
02 41 19 13-0057 LF Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....	3.81	
<small>For Each Additional Pass (Depth To 3"), Add 1.46</small>		
<small>For &gt;250, Deduct -0.36</small>		
02 41 19 13-0058 LF Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut .....	6.27	
<small>For Each Additional Pass (Depth To 3"), Add 2.44</small>		
<small>For &gt;250, Deduct -0.60</small>		
02 41 19 13-0059 LF Plain Concrete Walls Up To 4" Depth, Saw Cut .....	11.96	
<small>For Each Additional Pass (Depth To 3"), Add 4.73</small>		
<small>For &gt;250, Deduct -1.18</small>		
02 41 19 13-0060 LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth .....	16.06	
<small>For Each Additional Pass (Depth To 3"), Add 6.36</small>		
<small>For &gt;250, Deduct -1.58</small>		
02 41 19 13-0061 LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets .....	3.24	
<small>For Each Additional Pass (Depth To 3"), Add 1.17</small>		
<small>For &gt;250, Deduct -0.28</small>		
02 41 19 13-0062 LF Igneous Stone Pavements Up To 4" Depth, Saw Cut .....	8.50	
<small>For Each Additional Pass (Depth To 3"), Add 3.35</small>		
<small>For &gt;250, Deduct -0.83</small>		
02 41 19 13-0063 LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut .....	8.50	
<small>For Each Additional Pass (Depth To 3"), Add 3.35</small>		
<small>For &gt;250, Deduct -0.83</small>		
02 41 19 13-0064 LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut .....	8.50	
<small>For Each Additional Pass (Depth To 3"), Add 3.35</small>		
<small>For &gt;250, Deduct -0.83</small>		
02 41 19 13-0065 LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut .....	8.50	
<small>For Each Additional Pass (Depth To 3"), Add 3.35</small>		
<small>For &gt;250, Deduct -0.83</small>		
<b>02 41 19 13-0066</b> <b>Torch Cutting</b> <small>(02 41 19 13)</small>		
<small>Note: Includes grinding edge</small>		
02 41 19 13-0067 LF Up To 1/2", Torch Cut Steel Plate .....	3.63	
02 41 19 13-0068 LF >1/2" To 1" Thick, Torch Cut Steel Plate .....	7.27	
02 41 19 13-0069 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate .....	10.89	
02 41 19 13-0070 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate .....	14.53	
02 41 19 13-0071 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate .....	18.15	
02 41 19 13-0072 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate .....	21.79	
02 41 19 13-0073 EA Torch Cutting Minimum Charge .....	1,149.80	
<small>Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.</small>		
<b>02 41 19 13-0074</b> <b>Drilling In Existing Materials</b> <small>(02 41 19 13)</small>		
<small>Note: Includes drill bit wear, water, layout, set-up and clean-up.</small>		
<b>02 41 19 13-0075</b> <b>Concrete Core Drilling</b> <small>(02 41 19 13-0074)</small>		
<b>02 41 19 13-0076</b> <b>Up To 4" Thick Concrete Core Drilling</b> <small>(02 41 19 13-0075)</small>		
02 41 19 13-0077 EA Drill 1" Diameter Core In Up To 4" Concrete .....	45.46	
<small>For Horizontal Cores, Add 8.99</small>		
<small>For Overhead Ceiling Cores (Where Not Accessible From Above), Add 17.99</small>		
02 41 19 13-0078 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete .....	50.44	
<small>For Horizontal Cores, Add 9.99</small>		
<small>For Overhead Ceiling Cores (Where Not Accessible From Above), Add 19.98</small>		
02 41 19 13-0079 EA Drill 2" Diameter Core In Up To 4" Concrete .....	56.00	
<small>For Horizontal Cores, Add 11.10</small>		
<small>For Overhead Ceiling Cores (Where Not Accessible From Above), Add 22.20</small>		
02 41 19 13-0080 EA Drill 3" Diameter Core In Up To 4" Concrete .....	79.97	
<small>For Horizontal Cores, Add 15.86</small>		
<small>For Overhead Ceiling Cores (Where Not Accessible From Above), Add 31.72</small>		

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0081	EA		Drill 4" Diameter Core In Up To 4" Concrete.....	107.15	
			<i>For Horizontal Cores, Add</i>	21.25	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	42.51	
02 41 19 13-0082	EA		Drill 6" Diameter Core In Up To 4" Concrete.....	120.06	
			<i>For Horizontal Cores, Add</i>	23.79	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.58	
02 41 19 13-0083	EA		Drill 8" Diameter Core In Up To 4" Concrete.....	191.86	
			<i>For Horizontal Cores, Add</i>	38.07	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.14	
02 41 19 13-0084	EA		Drill 10" Diameter Core In Up To 4" Concrete.....	240.00	
			<i>For Horizontal Cores, Add</i>	47.58	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	95.17	
02 41 19 13-0085	EA		Drill 12" Diameter Core In Up To 4" Concrete.....	280.08	
			<i>For Horizontal Cores, Add</i>	55.52	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	111.04	
02 41 19 13-0086	EA		Drill 14" Diameter Core In Up To 4" Concrete.....	320.17	
			<i>For Horizontal Cores, Add</i>	63.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
02 41 19 13-0087	EA		Drill 18" Diameter Core In Up To 4" Concrete.....	360.64	
			<i>For Horizontal Cores, Add</i>	71.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.73	
<b>02 41 19 13-0088</b>			<b>&gt;4" To 6" Thick Concrete Core Drilling</b> (02 41 19 13-0075)		
02 41 19 13-0089	EA		Drill 1" Diameter Core In >4" To 6" Concrete.....	64.98	
			<i>For Horizontal Cores, Add</i>	12.85	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.69	
02 41 19 13-0090	EA		Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	72.10	
			<i>For Horizontal Cores, Add</i>	14.27	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.54	
02 41 19 13-0091	EA		Drill 2" Diameter Core In >4" To 6" Concrete.....	80.04	
			<i>For Horizontal Cores, Add</i>	15.86	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.72	
02 41 19 13-0092	EA		Drill 3" Diameter Core In >4" To 6" Concrete.....	96.20	
			<i>For Horizontal Cores, Add</i>	19.03	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.07	
02 41 19 13-0093	EA		Drill 4" Diameter Core In >4" To 6" Concrete.....	120.31	
			<i>For Horizontal Cores, Add</i>	23.79	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.58	
02 41 19 13-0094	EA		Drill 6" Diameter Core In >4" To 6" Concrete.....	160.30	
			<i>For Horizontal Cores, Add</i>	31.72	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	63.44	
02 41 19 13-0095	EA		Drill 8" Diameter Core In >4" To 6" Concrete.....	240.23	
			<i>For Horizontal Cores, Add</i>	47.58	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	95.17	
02 41 19 13-0096	EA		Drill 10" Diameter Core In >4" To 6" Concrete.....	280.70	
			<i>For Horizontal Cores, Add</i>	55.52	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	111.04	
02 41 19 13-0097	EA		Drill 12" Diameter Core In >4" To 6" Concrete.....	320.93	
			<i>For Horizontal Cores, Add</i>	63.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
02 41 19 13-0098	EA		Drill 14" Diameter Core In >4" To 6" Concrete.....	361.36	
			<i>For Horizontal Cores, Add</i>	71.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.73	
02 41 19 13-0099	EA		Drill 18" Diameter Core In >4" To 6" Concrete.....	402.38	
			<i>For Horizontal Cores, Add</i>	79.30	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	158.60	
<b>02 41 19 13-0100</b>			<b>&gt;6" To 8" Thick Concrete Core Drilling</b> (02 41 19 13-0075)		
02 41 19 13-0101	EA		Drill 1" Diameter Core In >6" To 8" Concrete.....	71.69	
			<i>For Horizontal Cores, Add</i>	14.13	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.27	
02 41 19 13-0102	EA		Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	79.54	
			<i>For Horizontal Cores, Add</i>	15.70	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.41	
02 41 19 13-0103	EA		Drill 2" Diameter Core In >6" To 8" Concrete.....	88.25	
			<i>For Horizontal Cores, Add</i>	17.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.89	
02 41 19 13-0104	EA		Drill 3" Diameter Core In >6" To 8" Concrete.....	104.50	
			<i>For Horizontal Cores, Add</i>	20.62	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.24	
02 41 19 13-0105	EA		Drill 4" Diameter Core In >6" To 8" Concrete.....	136.64	
			<i>For Horizontal Cores, Add</i>	26.96	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	53.92	
02 41 19 13-0106	EA		Drill 6" Diameter Core In >6" To 8" Concrete.....	192.61	
			<i>For Horizontal Cores, Add</i>	38.07	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.14	
02 41 19 13-0107	EA		Drill 8" Diameter Core In >6" To 8" Concrete.....	320.29	
			<i>For Horizontal Cores, Add</i>	63.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
02 41 19 13-0108	EA		Drill 10" Diameter Core In >6" To 8" Concrete.....	360.97	
			<i>For Horizontal Cores, Add</i>	71.37	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.73	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0109 EA Drill 12" Diameter Core In >6" To 8" Concrete.....	401.47	
<i>For Horizontal Cores, Add</i>	79.30	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	158.60	
02 41 19 13-0110 EA Drill 14" Diameter Core In >6" To 8" Concrete.....	442.18	
<i>For Horizontal Cores, Add</i>	87.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	174.43	
02 41 19 13-0111 EA Drill 18" Diameter Core In >6" To 8" Concrete.....	483.76	
<i>For Horizontal Cores, Add</i>	95.17	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	190.33	
<b>02 41 19 13-0112 &gt;8" To 10" Thick Concrete Core Drilling</b> (02 41 19 13-0075)		
02 41 19 13-0113 EA Drill 1" Diameter Core In >8" To 10" Concrete.....	84.79	
<i>For Horizontal Cores, Add</i>	16.70	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.40	
02 41 19 13-0114 EA Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	94.06	
<i>For Horizontal Cores, Add</i>	18.56	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.11	
02 41 19 13-0115 EA Drill 2" Diameter Core In >8" To 10" Concrete.....	104.37	
<i>For Horizontal Cores, Add</i>	20.62	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.24	
02 41 19 13-0116 EA Drill 3" Diameter Core In >8" To 10" Concrete.....	120.72	
<i>For Horizontal Cores, Add</i>	23.79	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.58	
02 41 19 13-0117 EA Drill 4" Diameter Core In >8" To 10" Concrete.....	137.12	
<i>For Horizontal Cores, Add</i>	26.96	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	53.92	
02 41 19 13-0118 EA Drill 6" Diameter Core In >8" To 10" Concrete.....	193.18	
<i>For Horizontal Cores, Add</i>	38.07	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.14	
02 41 19 13-0119 EA Drill 8" Diameter Core In >8" To 10" Concrete.....	321.07	
<i>For Horizontal Cores, Add</i>	63.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
02 41 19 13-0120 EA Drill 10" Diameter Core In >8" To 10" Concrete.....	362.00	
<i>For Horizontal Cores, Add</i>	71.37	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.73	
02 41 19 13-0121 EA Drill 12" Diameter Core In >8" To 10" Concrete.....	402.63	
<i>For Horizontal Cores, Add</i>	79.29	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	158.57	
02 41 19 13-0122 EA Drill 14" Diameter Core In >8" To 10" Concrete.....	443.74	
<i>For Horizontal Cores, Add</i>	87.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	174.43	
02 41 19 13-0123 EA Drill 18" Diameter Core In >8" To 10" Concrete.....	485.71	
<i>For Horizontal Cores, Add</i>	95.14	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	190.29	
<b>02 41 19 13-0124 &gt;10" To 12" Thick Concrete Core Drilling</b> (02 41 19 13-0075)		
02 41 19 13-0125 EA Drill 1" Diameter Core In >10" To 12" Concrete.....	91.49	
<i>For Horizontal Cores, Add</i>	17.99	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.98	
02 41 19 13-0126 EA Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	101.48	
<i>For Horizontal Cores, Add</i>	19.99	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	39.97	
02 41 19 13-0127 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	112.58	
<i>For Horizontal Cores, Add</i>	22.21	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	44.41	
02 41 19 13-0128 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	121.09	
<i>For Horizontal Cores, Add</i>	23.79	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.58	
02 41 19 13-0129 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	161.39	
<i>For Horizontal Cores, Add</i>	31.72	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	63.44	
02 41 19 13-0130 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	209.63	
<i>For Horizontal Cores, Add</i>	41.24	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	82.48	
02 41 19 13-0131 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	337.73	
<i>For Horizontal Cores, Add</i>	66.61	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	133.23	
02 41 19 13-0132 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	363.03	
<i>For Horizontal Cores, Add</i>	71.37	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.73	
02 41 19 13-0133 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	419.85	
<i>For Horizontal Cores, Add</i>	82.48	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	164.96	
<b>02 41 19 13-0134 &gt;12" Thick Concrete Core Drilling</b> (02 41 19 13-0075)		
02 41 19 13-0135 IN Drill 1" Diameter Core In >12" Concrete.....	11.12	
<i>For Horizontal Cores, Add</i>	2.20	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.40	
02 41 19 13-0136 IN Drill 1-1/2" Diameter Core In >12" Concrete.....	12.34	
<i>For Horizontal Cores, Add</i>	2.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.88	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
02 41 19 13-0137	IN Drill 2" Diameter Core In >12" Concrete .....	13.71	
	<i>For Horizontal Cores, Add</i>	2.72	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.43	
02 41 19 13-0138	IN Drill 3" Diameter Core In >12" Concrete .....	15.04	
	<i>For Horizontal Cores, Add</i>	2.97	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.94	
02 41 19 13-0139	IN Drill 4" Diameter Core In >12" Concrete .....	20.05	
	<i>For Horizontal Cores, Add</i>	3.96	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	7.93	
02 41 19 13-0140	IN Drill 6" Diameter Core In >12" Concrete .....	26.07	
	<i>For Horizontal Cores, Add</i>	5.16	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	10.32	
02 41 19 13-0141	IN Drill 8" Diameter Core In >12" Concrete .....	42.06	
	<i>For Horizontal Cores, Add</i>	8.33	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.67	
02 41 19 13-0142	IN Drill 10" Diameter Core In >12" Concrete .....	45.31	
	<i>For Horizontal Cores, Add</i>	8.96	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	17.92	
02 41 19 13-0143	IN Drill 12" Diameter Core In >12" Concrete .....	52.20	
	<i>For Horizontal Cores, Add</i>	10.32	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.63	
02 41 19 13-0144	<b>Brick/Concrete Block Core Drilling</b> (02 41 19 13-0074)		
02 41 19 13-0145	<b>Up To 4" Thick Brick/Concrete Block Core Drilling</b> (02 41 19 13-0144)		
02 41 19 13-0146	EA Drill 1" Diameter Core In Up To 4" Brick/Concrete Block .....	36.47	
	<i>For Horizontal Cores, Add</i>	7.20	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.39	
02 41 19 13-0147	EA Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block .....	40.45	
	<i>For Horizontal Cores, Add</i>	7.99	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.98	
02 41 19 13-0148	EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block .....	44.90	
	<i>For Horizontal Cores, Add</i>	8.88	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	17.76	
02 41 19 13-0149	EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block .....	64.10	
	<i>For Horizontal Cores, Add</i>	12.69	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.38	
02 41 19 13-0150	EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block .....	85.89	
	<i>For Horizontal Cores, Add</i>	17.00	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.00	
02 41 19 13-0151	EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block .....	96.28	
	<i>For Horizontal Cores, Add</i>	19.03	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.07	
02 41 19 13-0152	EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block .....	153.80	
	<i>For Horizontal Cores, Add</i>	30.46	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	60.91	
02 41 19 13-0153	EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block .....	192.41	
	<i>For Horizontal Cores, Add</i>	38.07	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.13	
02 41 19 13-0154	EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block .....	224.56	
	<i>For Horizontal Cores, Add</i>	44.41	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	88.83	
02 41 19 13-0155	EA Drill 14" Diameter Core In Up To 4" Brick/Concrete Block .....	256.72	
	<i>For Horizontal Cores, Add</i>	50.75	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.50	
02 41 19 13-0156	EA Drill 18" Diameter Core In Up To 4" Brick/Concrete Block .....	289.27	
	<i>For Horizontal Cores, Add</i>	57.09	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.18	
02 41 19 13-0157	<b>&gt;4" To 6" Thick Brick/Concrete Block Core Drilling</b> (02 41 19 13-0144)		
02 41 19 13-0158	EA Drill 1" Diameter Core In > 4" To 6" Brick/Concrete Block .....	52.13	
	<i>For Horizontal Cores, Add</i>	10.28	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.55	
02 41 19 13-0159	EA Drill 1-1/2" Diameter Core In > 4" To 6" Brick/Concrete Block .....	57.84	
	<i>For Horizontal Cores, Add</i>	11.42	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.84	
02 41 19 13-0160	EA Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block .....	64.18	
	<i>For Horizontal Cores, Add</i>	12.69	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.37	
02 41 19 13-0161	EA Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block .....	77.16	
	<i>For Horizontal Cores, Add</i>	15.23	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.45	
02 41 19 13-0162	EA Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block .....	96.53	
	<i>For Horizontal Cores, Add</i>	19.03	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.07	
02 41 19 13-0163	EA Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block .....	128.58	
	<i>For Horizontal Cores, Add</i>	25.38	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	50.76	
02 41 19 13-0164	EA Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block .....	192.64	
	<i>For Horizontal Cores, Add</i>	38.07	
	<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0165 EA Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block .....	225.18	
<i>For Horizontal Cores, Add</i>	44.41	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	88.83	
02 41 19 13-0166 EA Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block .....	257.48	
<i>For Horizontal Cores, Add</i>	50.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.50	
02 41 19 13-0167 EA Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block .....	289.99	
<i>For Horizontal Cores, Add</i>	57.09	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.18	
02 41 19 13-0168 EA Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block .....	323.08	
<i>For Horizontal Cores, Add</i>	63.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
<b>02 41 19 13-0169 &gt;6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0144)</b>		
02 41 19 13-0170 EA Drill 1" Diameter Core In > 6" To 8" Brick/Concrete Block .....	57.55	
<i>For Horizontal Cores, Add</i>	11.31	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.61	
02 41 19 13-0171 EA Drill 1-1/2" Diameter Core In > 6" To 8" Brick/Concrete Block .....	63.83	
<i>For Horizontal Cores, Add</i>	12.56	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.12	
02 41 19 13-0172 EA Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block .....	70.81	
<i>For Horizontal Cores, Add</i>	13.96	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.92	
02 41 19 13-0173 EA Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block .....	83.88	
<i>For Horizontal Cores, Add</i>	16.50	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.99	
02 41 19 13-0174 EA Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block .....	109.68	
<i>For Horizontal Cores, Add</i>	21.57	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.14	
02 41 19 13-0175 EA Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block .....	154.55	
<i>For Horizontal Cores, Add</i>	30.46	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	60.91	
02 41 19 13-0176 EA Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block .....	256.84	
<i>For Horizontal Cores, Add</i>	50.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.50	
02 41 19 13-0177 EA Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block .....	289.60	
<i>For Horizontal Cores, Add</i>	57.09	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.18	
02 41 19 13-0178 EA Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block .....	322.17	
<i>For Horizontal Cores, Add</i>	63.44	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.88	
02 41 19 13-0179 EA Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block .....	354.97	
<i>For Horizontal Cores, Add</i>	69.77	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	139.55	
02 41 19 13-0180 EA Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block .....	388.59	
<i>For Horizontal Cores, Add</i>	76.13	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	152.26	
<b>02 41 19 13-0181 &gt;8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0144)</b>		
02 41 19 13-0182 EA Drill 1" Diameter Core In > 8" To 10" Brick/Concrete Block .....	68.08	
<i>For Horizontal Cores, Add</i>	13.36	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.72	
02 41 19 13-0183 EA Drill 1-1/2" Diameter Core In > 8" To 10" Brick/Concrete Block .....	75.50	
<i>For Horizontal Cores, Add</i>	14.84	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.69	
02 41 19 13-0184 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block .....	83.76	
<i>For Horizontal Cores, Add</i>	16.50	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.99	
02 41 19 13-0185 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block .....	96.94	
<i>For Horizontal Cores, Add</i>	19.03	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.07	
02 41 19 13-0186 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block .....	110.16	
<i>For Horizontal Cores, Add</i>	21.57	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.14	
02 41 19 13-0187 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block .....	155.12	
<i>For Horizontal Cores, Add</i>	30.46	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	60.91	
02 41 19 13-0188 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block .....	257.62	
<i>For Horizontal Cores, Add</i>	50.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.50	
02 41 19 13-0189 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block .....	290.63	
<i>For Horizontal Cores, Add</i>	57.09	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.18	
02 41 19 13-0190 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block .....	323.35	
<i>For Horizontal Cores, Add</i>	63.43	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	126.86	
02 41 19 13-0191 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block .....	356.53	
<i>For Horizontal Cores, Add</i>	69.77	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	139.55	
02 41 19 13-0192 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block .....	390.57	
<i>For Horizontal Cores, Add</i>	76.12	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	152.23	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>02 41 19 13-0193</b>		<b>&gt;10" To 12" Thick Brick/Concrete Block Core Drilling</b> (02 41 19 13-0144)	
02 41 19 13-0194	EA	Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block .....	73.50
		<i>For Horizontal Cores, Add</i> .....	14.39
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	28.78
02 41 19 13-0195	EA	Drill 1-1/2" Diameter Core In > 10" To 12" Brick/Concrete Block .....	81.49
		<i>For Horizontal Cores, Add</i> .....	15.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	31.98
02 41 19 13-0196	EA	Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block .....	90.37
		<i>For Horizontal Cores, Add</i> .....	17.76
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	35.53
02 41 19 13-0197	EA	Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block .....	97.31
		<i>For Horizontal Cores, Add</i> .....	19.03
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	38.07
02 41 19 13-0198	EA	Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block .....	129.67
		<i>For Horizontal Cores, Add</i> .....	25.38
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	50.76
02 41 19 13-0199	EA	Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block .....	168.39
		<i>For Horizontal Cores, Add</i> .....	32.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	65.99
02 41 19 13-0200	EA	Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block .....	271.12
		<i>For Horizontal Cores, Add</i> .....	53.29
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	106.58
02 41 19 13-0201	EA	Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block .....	291.66
		<i>For Horizontal Cores, Add</i> .....	57.09
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	114.18
02 41 19 13-0202	EA	Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block .....	337.37
		<i>For Horizontal Cores, Add</i> .....	65.99
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	131.97
<b>02 41 19 13-0203</b>		<b>&gt;12" Thick Brick/Concrete Block Core Drilling</b> (02 41 19 13-0144)	
02 41 19 13-0204	IN	Drill 1" Diameter Core In >12" Brick/Concrete Block .....	8.93
		<i>For Horizontal Cores, Add</i> .....	1.76
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	3.52
02 41 19 13-0205	IN	Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block .....	9.90
		<i>For Horizontal Cores, Add</i> .....	1.95
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	3.91
02 41 19 13-0206	IN	Drill 2" Diameter Core In >12" Brick/Concrete Block .....	10.99
		<i>For Horizontal Cores, Add</i> .....	2.17
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	4.34
02 41 19 13-0207	IN	Drill 3" Diameter Core In >12" Brick/Concrete Block .....	12.07
		<i>For Horizontal Cores, Add</i> .....	2.38
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	4.76
02 41 19 13-0208	IN	Drill 4" Diameter Core In >12" Brick/Concrete Block .....	16.08
		<i>For Horizontal Cores, Add</i> .....	3.17
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	6.34
02 41 19 13-0209	IN	Drill 6" Diameter Core In >12" Brick/Concrete Block .....	20.91
		<i>For Horizontal Cores, Add</i> .....	4.13
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	8.25
02 41 19 13-0210	IN	Drill 8" Diameter Core In >12" Brick/Concrete Block .....	33.73
		<i>For Horizontal Cores, Add</i> .....	6.67
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	13.34
02 41 19 13-0211	IN	Drill 10" Diameter Core In >12" Brick/Concrete Block .....	36.36
		<i>For Horizontal Cores, Add</i> .....	7.17
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	14.34
02 41 19 13-0212	IN	Drill 12" Diameter Core In >12" Brick/Concrete Block .....	41.89
		<i>For Horizontal Cores, Add</i> .....	8.25
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i> .....	16.51
<b>02 41 19 13-0213</b>		<b>Asphalt Core Drilling</b> (02 41 19 13-0074)	
<b>02 41 19 13-0214</b>		<b>Up To 2" Thick Asphalt Core Drilling</b> (02 41 19 13-0213)	
02 41 19 13-0215	EA	Drill 1" Diameter Core In Up To 2" Asphalt .....	21.80
02 41 19 13-0216	EA	Drill 1-1/2" Diameter Core In Up To 2" Asphalt .....	27.27
02 41 19 13-0217	EA	Drill 2" Diameter Core In Up To 2" Asphalt .....	34.09
02 41 19 13-0218	EA	Drill 3" Diameter Core In Up To 2" Asphalt .....	42.29
02 41 19 13-0219	EA	Drill 4" Diameter Core In Up To 2" Asphalt .....	53.21
02 41 19 13-0220	EA	Drill 6" Diameter Core In Up To 2" Asphalt .....	66.85
02 41 19 13-0221	EA	Drill 8" Diameter Core In Up To 2" Asphalt .....	83.26
02 41 19 13-0222	EA	Drill 10" Diameter Core In Up To 2" Asphalt .....	103.69
02 41 19 13-0223	EA	Drill 12" Diameter Core In Up To 2" Asphalt .....	129.59
<b>02 41 19 13-0224</b>		<b>&gt;2" To 3" Thick Asphalt Core Drilling</b> (02 41 19 13-0213)	
02 41 19 13-0225	EA	Drill 1" Diameter Core In >2" To 3" Asphalt .....	27.26
02 41 19 13-0226	EA	Drill 1-1/2" Diameter Core In >2" To 3" Asphalt .....	35.43
02 41 19 13-0227	EA	Drill 2" Diameter Core In >2" To 3" Asphalt .....	43.62
02 41 19 13-0228	EA	Drill 3" Diameter Core In >2" To 3" Asphalt .....	54.54
02 41 19 13-0229	EA	Drill 4" Diameter Core In >2" To 3" Asphalt .....	68.18
02 41 19 13-0230	EA	Drill 6" Diameter Core In >2" To 3" Asphalt .....	85.90



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0231 EA Drill 8" Diameter Core In >2" To 3" Asphalt .....	106.41	
02 41 19 13-0232 EA Drill 10" Diameter Core In >2" To 3" Asphalt .....	133.64	
02 41 19 13-0233 EA Drill 12" Diameter Core In >2" To 3" Asphalt .....	166.36	
<b>02 41 19 13-0234 &gt;3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0213)</b>		
02 41 19 13-0235 EA Drill 1" Diameter Core In >3" To 4" Asphalt .....	35.44	
02 41 19 13-0236 EA Drill 1-1/2" Diameter Core In >3" To 4" Asphalt .....	45.00	
02 41 19 13-0237 EA Drill 2" Diameter Core In >3" To 4" Asphalt .....	55.90	
02 41 19 13-0238 EA Drill 3" Diameter Core In >3" To 4" Asphalt .....	69.56	
02 41 19 13-0239 EA Drill 4" Diameter Core In >3" To 4" Asphalt .....	87.32	
02 41 19 13-0240 EA Drill 6" Diameter Core In >3" To 4" Asphalt .....	109.15	
02 41 19 13-0241 EA Drill 8" Diameter Core In >3" To 4" Asphalt .....	136.50	
02 41 19 13-0242 EA Drill 10" Diameter Core In >3" To 4" Asphalt .....	170.55	
02 41 19 13-0243 EA Drill 12" Diameter Core In >3" To 4" Asphalt .....	212.81	
<b>02 41 19 13-0244 &gt;4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0213)</b>		
02 41 19 13-0245 EA Drill 1" Diameter Core In >4" To 6" Asphalt .....	46.38	
02 41 19 13-0246 EA Drill 1-1/2" Diameter Core In >4" To 6" Asphalt .....	57.32	
02 41 19 13-0247 EA Drill 2" Diameter Core In >4" To 6" Asphalt .....	70.95	
02 41 19 13-0248 EA Drill 3" Diameter Core In >4" To 6" Asphalt .....	90.11	
02 41 19 13-0249 EA Drill 4" Diameter Core In >4" To 6" Asphalt .....	111.99	
02 41 19 13-0250 EA Drill 6" Diameter Core In >4" To 6" Asphalt .....	139.29	
02 41 19 13-0251 EA Drill 8" Diameter Core In >4" To 6" Asphalt .....	174.89	
02 41 19 13-0252 EA Drill 10" Diameter Core In >4" To 6" Asphalt .....	218.51	
02 41 19 13-0253 EA Drill 12" Diameter Core In >4" To 6" Asphalt .....	273.08	
<b>02 41 19 13-0254 Manhole Core Drilling (02 41 19 13-0074)</b>		
02 41 19 13-0255 EA Drill 4" Diameter Core In 6" Brick Manhole .....	238.84	
02 41 19 13-0256 EA Drill 5" Diameter Core In 6" Brick Manhole .....	272.94	
02 41 19 13-0257 EA Drill 6" Diameter Core In 6" Brick Manhole .....	318.33	
02 41 19 13-0258 EA Drill 8" Diameter Core In 6" Brick Manhole .....	477.38	
02 41 19 13-0259 EA Drill 2" Diameter Core In 8" Concrete Manhole .....	320.01	
02 41 19 13-0260 EA Drill 3" Diameter Core In 8" Concrete Manhole .....	340.75	
02 41 19 13-0261 EA Drill 4" Diameter Core In 8" Concrete Manhole .....	375.11	
02 41 19 13-0262 EA Drill 5" Diameter Core In 8" Concrete Manhole .....	402.48	
02 41 19 13-0263 EA Drill 6" Diameter Core In 8" Concrete Manhole .....	477.35	
02 41 19 13-0264 EA Drill 8" Diameter Core In 8" Concrete Manhole .....	681.79	
02 41 19 13-0265 EA Drill 2" Diameter Core In Fiberglass Manhole .....	31.74	
02 41 19 13-0266 EA Drill 3" Diameter Core In Fiberglass Manhole .....	36.65	
02 41 19 13-0267 EA Drill 4" Diameter Core In Fiberglass Manhole .....	39.70	
02 41 19 13-0268 EA Drill 5" Diameter Core In Fiberglass Manhole .....	43.31	
02 41 19 13-0269 EA Drill 6" Diameter Core In Fiberglass Manhole .....	47.65	
02 41 19 13-0270 EA Drill 8" Diameter Core In Fiberglass Manhole .....	52.94	
<b>02 41 19 13-0271 Drilling In Concrete Per Inch Of Depth (02 41 19 13-0074)</b>		
Note: Includes layout.		
02 41 19 13-0272 IN 1/4" Diameter Drilling In Concrete Per Inch Of Depth .....	2.54	
02 41 19 13-0273 IN 5/16" Diameter Drilling In Concrete Per Inch Of Depth .....	2.69	
02 41 19 13-0274 IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth .....	2.84	
02 41 19 13-0275 IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth .....	3.04	
02 41 19 13-0276 IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth .....	3.23	
02 41 19 13-0277 IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth .....	3.56	
02 41 19 13-0278 IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth .....	3.85	
02 41 19 13-0279 IN 1" Diameter Drilling In Concrete Per Inch Of Depth .....	4.04	
02 41 19 13-0280 IN 1-1/8" Diameter Drilling In Concrete Per Inch Of Depth .....	4.77	
02 41 19 13-0281 IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth .....	4.48	
02 41 19 13-0282 IN 1-3/8" Diameter Drilling In Concrete Per Inch Of Depth .....	4.77	
02 41 19 13-0283 IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth .....	5.07	
02 41 19 13-0284 IN 1-3/4" Diameter Drilling In Concrete Per Inch Of Depth .....	5.61	
02 41 19 13-0285 IN 2" Diameter Drilling In Concrete Per Inch Of Depth .....	6.53	
<b>02 41 19 13-0286 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0074)</b>		
Note: Includes layout.		
02 41 19 13-0287 IN 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.11	
02 41 19 13-0288 IN 5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.24	
02 41 19 13-0289 IN 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.37	
02 41 19 13-0290 IN 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.54	
02 41 19 13-0291 IN 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.69	
02 41 19 13-0292 IN 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	2.97	
02 41 19 13-0293 IN 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.21	
02 41 19 13-0294 IN 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.37	
02 41 19 13-0295 IN 1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.55	
02 41 19 13-0296 IN 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.73	
02 41 19 13-0297 IN 1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	3.98	
02 41 19 13-0298 IN 1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	4.22	
02 41 19 13-0299 IN 1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	4.71	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 41 19 13-0300	IN	2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth .....	5.44
<b>02 41 19 13-0301</b>		<b>Drilling In Wood Or Plastic Per Inch Of Depth</b> (02 41 19 13-0074)	
		Note: Includes layout.	
02 41 19 13-0302	IN	1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.05
02 41 19 13-0303	IN	5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.11
02 41 19 13-0304	IN	3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.18
02 41 19 13-0305	IN	1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.27
02 41 19 13-0306	IN	5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.35
02 41 19 13-0307	IN	3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.48
02 41 19 13-0308	IN	7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.60
02 41 19 13-0309	IN	1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.68
02 41 19 13-0310	IN	1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.77
02 41 19 13-0311	IN	1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.86
02 41 19 13-0312	IN	1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	1.98
02 41 19 13-0313	IN	1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	2.10
02 41 19 13-0314	IN	1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	2.35
02 41 19 13-0315	IN	2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth .....	2.71
<b>02 41 19 13-0316</b>		<b>Limestone Core Drilling</b> (02 41 19 13-0074)	
<b>02 41 19 13-0317</b>		<b>10" To 14" Thick Limestone Core Drilling</b> (02 41 19 13-0316)	
02 41 19 13-0318	EA	Drill 1" Diameter Core In 10" To 14" Limestone .....	68.51
02 41 19 13-0319	EA	Drill 1-1/2" Diameter Core In 10" To 14" Limestone .....	82.27
02 41 19 13-0320	EA	Drill 2" Diameter Core In 10" To 14" Limestone .....	89.25
02 41 19 13-0321	EA	Drill 3" Diameter Core In 10" To 14" Limestone .....	103.22
02 41 19 13-0322	EA	Drill 4" Diameter Core In 10" To 14" Limestone .....	117.20
02 41 19 13-0323	EA	Drill 6" Diameter Core In 10" To 14" Limestone .....	165.16
02 41 19 13-0324	EA	Drill 8" Diameter Core In 10" To 14" Limestone .....	274.58
<b>02 41 19 13-0325</b>		<b>15" To 18" Thick Limestone Core Drilling</b> (02 41 19 13-0316)	
02 41 19 13-0326	EA	Drill 1" Diameter Core In 15" To 18" Limestone .....	75.43
02 41 19 13-0327	EA	Drill 1-1/2" Diameter Core In 15" To 18" Limestone .....	89.23
02 41 19 13-0328	EA	Drill 2" Diameter Core In 15" To 18" Limestone .....	96.25
02 41 19 13-0329	EA	Drill 3" Diameter Core In 15" To 18" Limestone .....	103.52
02 41 19 13-0330	EA	Drill 4" Diameter Core In 15" To 18" Limestone .....	137.96
02 41 19 13-0331	EA	Drill 6" Diameter Core In 15" To 18" Limestone .....	179.17
02 41 19 13-0332	EA	Drill 8" Diameter Core In 15" To 18" Limestone .....	288.89
<b>02 41 19 13-0333</b>		<b>19" To 24" Thick Limestone Core Drilling</b> (02 41 19 13-0316)	
02 41 19 13-0334	EA	Drill 1" Diameter Core In 19" To 24" Limestone .....	82.33
02 41 19 13-0335	EA	Drill 1-1/2" Diameter Core In 19" To 24" Limestone .....	96.17
02 41 19 13-0336	EA	Drill 2" Diameter Core In 19" To 24" Limestone .....	103.24
02 41 19 13-0337	EA	Drill 3" Diameter Core In 19" To 24" Limestone .....	117.33
02 41 19 13-0338	EA	Drill 4" Diameter Core In 19" To 24" Limestone .....	165.45
02 41 19 13-0339	EA	Drill 6" Diameter Core In 19" To 24" Limestone .....	206.76
02 41 19 13-0340	EA	Drill 8" Diameter Core In 19" To 24" Limestone .....	310.00
<b>02 41 19 13-0341</b>		<b>Minimum Charge For Core Drilling</b> (02 41 19 13-0074)	
02 41 19 13-0342	EA	Core Drill Minimum Charge .....	927.60
		Note: For projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	
<b>02 41 19 13-0343</b>		<b>Cutouts</b> (02 41 19 13)	
		Note: Includes saw cutting and removal of material. Not to be used for openings greater than 24 SF.	
<b>02 41 19 13-0344</b>		<b>Reinforced Concrete Slab On Grade Cutouts</b> (02 41 19 13-0343)	
02 41 19 13-0345	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	59.04
02 41 19 13-0346	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	62.62
02 41 19 13-0347	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	66.20
02 41 19 13-0348	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	69.77
02 41 19 13-0349	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF .....	71.56
<b>02 41 19 13-0350</b>		<b>Reinforced Concrete Elevated Slab Cutouts</b> (02 41 19 13-0343)	
		Note: Includes cutting and removing steel decking.	
02 41 19 13-0351	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	71.96
02 41 19 13-0352	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	76.31
02 41 19 13-0353	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	80.67
02 41 19 13-0354	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	85.03
02 41 19 13-0355	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF .....	87.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 41 19 13-0356 Reinforced Concrete Wall Cutouts</b> (02 41 19 13-0343)		
02 41 19 13-0357 SF 4" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	73.80	
02 41 19 13-0358 SF 6" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	78.27	
02 41 19 13-0359 SF 8" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	82.74	
02 41 19 13-0360 SF 10" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	87.22	
02 41 19 13-0361 SF 12" Thick Reinforced Concrete Wall Cutouts, <24 SF .....	89.45	
<b>02 41 19 13-0362 Brick Wall Cutouts</b> (02 41 19 13-0343)		
Note: Excludes tothing.		
02 41 19 13-0363 SF 4" Thick Brick Wall Cutouts, <24 SF .....	22.36	
02 41 19 13-0364 SF 6" Thick Brick Wall Cutouts, <24 SF .....	36.90	
02 41 19 13-0365 SF 8" Thick Brick Wall Cutouts, <24 SF .....	51.39	
02 41 19 13-0366 SF 10" Thick Brick Wall Cutouts, <24 SF .....	62.62	
02 41 19 13-0367 SF 12" Thick Brick Wall Cutouts, <24 SF .....	74.92	
02 41 19 13-0368 SF 16" Thick Brick Wall Cutouts, <24 SF .....	88.33	
<b>02 41 19 13-0369 Concrete Block Wall Cutouts</b> (02 41 19 13-0343)		
Note: Excludes tothing.		
02 41 19 13-0370 SF 4" Thick Concrete Block Wall Cutouts, <24 SF .....	37.00	
02 41 19 13-0371 SF 6" Thick Concrete Block Wall Cutouts, <24 SF .....	39.17	
02 41 19 13-0372 SF 8" Thick Concrete Block Wall Cutouts, <24 SF .....	41.38	
02 41 19 13-0373 SF 10" Thick Concrete Block Wall Cutouts, <24 SF .....	43.61	
02 41 19 13-0374 SF 12" Thick Concrete Block Wall Cutouts, <24 SF .....	44.73	
02 41 19 13-0375 SF 16" Thick Concrete Block Wall Cutouts, <24 SF .....	46.96	
<b>02 41 19 13-0376 Limestone Cutouts</b> (02 41 19 13-0343)		
02 41 19 13-0377 SF 2" Thick Limestone Cutouts, <24 SF .....	62.62	
02 41 19 13-0378 SF 4" Thick Limestone Cutouts, <24 SF .....	76.04	
02 41 19 13-0379 SF 6" Thick Limestone Cutouts, <24 SF .....	80.50	
02 41 19 13-0380 SF 8" Thick Limestone Cutouts, <24 SF .....	84.98	
02 41 19 13-0381 SF 10" Thick Limestone Cutouts, <24 SF .....	89.45	
02 41 19 13-0382 SF 12" Thick Limestone Cutouts, <24 SF .....	93.93	
<b>02 41 19 13-0383 Tothing Masonry Cutouts</b> (02 41 19 13-0343)		
Note: For use where existing masonry must be removed in a tothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.		
02 41 19 13-0384 VLF Brick, Soft Old Mortar, Tothing Masonry Cutouts.....	22.36	
02 41 19 13-0385 VLF Brick, Hard Mortar, Tothing Masonry Cutouts .....	30.19	
02 41 19 13-0386 VLF Concrete Block, Soft Old Mortar, Tothing Masonry Cutouts .....	13.41	
02 41 19 13-0387 VLF Concrete Block, Hard Mortar, Tothing Masonry Cutouts .....	17.89	
<b>02 41 19 13-0388 Minimum Charge For Cutouts</b> (02 41 19 13-0343)		
Note: For projects where the total cutouts charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0389 EA Cutouts Minimum Charge .....	447.27	
<b>02 41 19 13-0390 Elevated Concrete Removal</b> (02 41 19 13)		
02 41 19 13-0391 CF Elevated Concrete Beam/Slab/Steps Removal, Reinforced .....	14.98	
<b>02 41 19 16 Selective Interior Demolition</b> (02 41 19)		
Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001 Floor Removal (02 41 19 16)		
02 41 19 16-0002 Scarify Concrete (02 41 19 16-0001)		
Note: Up to 1/4" removal per pass.		
02 41 19 16-0003 SF Scarify Concrete Floor .....	0.33	
02 41 19 16-0004 SF Scarify Concrete Tread And Riser .....	2.79	
02 41 19 16-0005 SF Scarify Concrete Wall .....	2.53	
02 41 19 16-0006 Fireproofing Removal (02 41 19 16)		
02 41 19 16-0007 SF Removal Of Fireproofing From Concrete Or Steel.....	1.51	
02 41 19 16-0008 Demolish Ceiling (02 41 19 16)		
02 41 19 16-0009 SF Demolish Drywall Ceiling .....	1.16	
02 41 19 16-0010 SF Demolish Furred Plastered Ceiling .....	2.71	
02 41 19 16-0011 SF Demolish Suspended Plastered Ceiling And Suspension System .....	2.07	
02 41 19 16-0012 Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0013 CF Demolish Interior Reinforced Concrete Stairs.....	9.68	

**02 Existing Conditions****02 40 Demolition and Structure Moving****02 41 Demolition**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 41 19 16-0014	CF	Demolish Exterior Reinforced Concrete Stairs.....	7.90
<b>02 41 19 16-0015</b>		<b>Demolish Interior Partition/Wall</b> (02 41 19 16)	
		Note: Price includes knock down, loading, clean-up.	
<b>02 41 19 16-0016</b>		<b>Demolish Masonry And Concrete Interior Partition/Walls</b> (02 41 19 16-0015)	
		Note: Includes saw cutting, knock down, loading and clean-up.	
<b>02 41 19 16-0017</b>		<b>Demolish Concrete Block Interior Partition/Walls</b> (02 41 19 16-0016)	
02 41 19 16-0018	SF	Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.27
02 41 19 16-0019	SF	Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.70
02 41 19 16-0020	SF	Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	7.55
02 41 19 16-0021	SF	Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	9.69
02 41 19 16-0022	SF	Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	12.12
02 41 19 16-0023	SF	Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall .....	7.53
02 41 19 16-0024	SF	Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall .....	8.04
02 41 19 16-0025	SF	Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall .....	9.07
02 41 19 16-0026	SF	Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall .....	11.63
02 41 19 16-0027	SF	Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall .....	14.54
<b>02 41 19 16-0028</b>		<b>Demolish Brick Interior Partition/Walls</b> (02 41 19 16-0016)	
02 41 19 16-0029	SF	Demolish 4" Thick Brick Interior Partition/Wall .....	6.27
02 41 19 16-0030	SF	Demolish 8" Thick Brick Interior Partition/Wall.....	7.55
02 41 19 16-0031	SF	Demolish 12" Thick Brick Interior Partition/Wall .....	9.68
02 41 19 16-0032	SF	Demolish 16" Thick Brick Interior Partition/Wall .....	12.11
<b>02 41 19 16-0033</b>		<b>Demolish Glass Block Interior Partition/Walls</b> (02 41 19 16-0016)	
02 41 19 16-0034	SF	Demolish Glass Block Interior Partition/Walls .....	5.38
<b>02 41 19 16-0035</b>		<b>Demolish Concrete Interior Partition/Walls</b> (02 41 19 16-0016)	
		See CSI section 02 41 16 13-0001 for concrete foundation demolition.	
02 41 19 16-0036	SF	Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall .....	11.41
02 41 19 16-0037	SF	Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall .....	14.25
02 41 19 16-0038	SF	Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall .....	19.96
02 41 19 16-0039	SF	Demolish 6" Thick Reinforced Concrete Interior Partition/Wall .....	13.68
02 41 19 16-0040	SF	Demolish 8" Thick Reinforced Concrete Interior Partition/Wall .....	17.21
02 41 19 16-0041	SF	Demolish 12" Thick Reinforced Concrete Interior Partition/Wall .....	23.95
<b>02 41 19 16-0042</b>		<b>Demolish Terra-Cotta Block Interior Partition/Walls</b> (02 41 19 16-0016)	
02 41 19 16-0043	SF	Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster .....	2.15
<b>02 41 19 16-0044</b>		<b>Demolish Stud Framed Interior Partition/Walls</b> (02 41 19 16-0015)	
		Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.	
02 41 19 16-0045	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side .....	3.82
		For Heights >14' To 20', Add	0.57
		For Heights >20', Add	0.76
02 41 19 16-0046	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	4.46
		For Heights >14' To 20', Add	0.67
		For Heights >20', Add	0.89
02 41 19 16-0047	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side .....	4.89
		For Heights >14' To 20', Add	0.73
		For Heights >20', Add	0.98
02 41 19 16-0048	SF	Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides .....	6.79
		For Heights >14' To 20', Add	1.02
		For Heights >20', Add	1.36
02 41 19 16-0049	SF	Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	2.01
		For Heights >14' To 20', Add	0.30
		For Heights >20', Add	0.40
02 41 19 16-0050	SF	Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall .....	2.40
		For Heights >14' To 20', Add	0.36
		For Heights >20', Add	0.48

**02 42 Removal and Salvage of Construction Materials** (02 40)**02 42 21 Salvage of Construction Materials** (02 42)

Note: Includes placement on pallets and storage on site.

**02 42 21 35 Roofing Salvage** (02 42 21)**02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use** (02 42 21 35)

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....352.19

**02 42 21 47 Flooring Salvage** (02 42 21)



<b>Existing Conditions</b>	<b>02</b>	
<b>Demolition and Structure Moving</b>	<b>02 40</b>	<b>02</b>
<b>Removal and Salvage of Construction Materials</b>	<b>02 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 42 21 47-0001</b> Flooring Remove And Salvage For Re-Use <small>(02 42 21 47)</small>		
<small>Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.</small>		
02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage .....	3.21	
02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage .....	3.21	
02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage .....	4.43	
02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage .....	2.59	
02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage .....	1.37	
02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage .....	0.98	
02 42 21 47-0008 SF Demolish Concrete Steps, SF Of Run .....	25.33	
 <b>02 43 Structure Moving</b> <small>(02 40)</small>		
<b>02 43 13 Structure Relocation</b> <small>(02 43)</small>		
<small>Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.</small>		
<b>02 43 13 13 Building Relocation</b> <small>(02 43 13)</small>		
<b>02 43 13 13-0001</b> Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete <small>(02 43 13 13)</small>		
<small>Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.</small>		
02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building .....	40.76	
02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building .....	38.52	
02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building .....	36.06	
02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building .....	32.70	
02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building .....	30.57	
02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building .....	27.04	
02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building .....	39.61	
02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building .....	36.06	
02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building .....	30.57	
 <b>02 50 Site Remediation</b> <small>(02)</small>		
<b>02 58 Snow Control</b> <small>(02 50)</small>		
<b>02 58 13 Snow Fencing</b> <small>(02 58)</small>		
<b>02 58 13 00-0001</b> Snow/Sand Fence On Steel Posts <small>(02 58 13)</small>		
02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence .....	8.75	2.55
 <b>02 60 Contaminated Site Material Removal</b> <small>(02)</small>		
<b>02 61 Removal and Disposal of Contaminated Soils</b> <small>(02 60)</small>		
<b>02 61 13 Excavation and Handling of Contaminated Material</b> <small>(02 61)</small>		
<small>See CSI section 31 23 16 00-0000 for excavation.</small>		
<b>02 61 13 00-0001</b> Accessories For Contaminated Soil Stockpile <small>(02 61 13)</small>		
<small>See CSI section 31 25 14 23-0001 for sand bags.</small>		
02 61 13 00-0002 SF 30 Mil Liner For Contaminated Soil Storage .....	1.68	
<small>Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.</small>		
02 61 13 00-0003 SF 10 Mil Liner For Contaminated Soil Storage .....	1.00	
<small>Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.</small>		
 <b>02 65 Underground Storage Tank Removal</b> <small>(02 60)</small>		
<small>Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0064 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.</small>		
<b>02 65 00 00-0001</b> Monitoring, Sampling, Testing And Analysis <small>(02 65)</small>		
<b>02 65 00 00-0002</b> Tests, Surveys And Maintenance For Underground Storage Tank <small>(02 65 00 00-0001)</small>		
02 65 00 00-0003 EA Site Survey For AST/UST Location By Certified Tank Installer .....	1,122.61	
<small>Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overflow performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.</small>		
02 65 00 00-0004 EA Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems .....	197.92	
<small>Note: By Certified Technician. Write report of findings for action if needed</small>		
02 65 00 00-0005 EA Check And Report On Monitor Probes .....	45.64	
<small>Note: By Certified Technician</small>		
02 65 00 00-0006 EA Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report .....	318.95	
<small>Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.</small>		
02 65 00 00-0007 EA Removal And Replacement Of Anode On Impressed System .....	177.24	

**02 Existing Conditions****02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0008 EA Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank .....	253.95	
02 65 00 00-0009 EA Removal And Replacement Of Monitor Probes On Underground Storage Tank .....	358.60	
02 65 00 00-0010 EA Ultrasonic Test On Underground Storage Tank.....	207.02	
<b>02 65 00 00-0011 Tests And Sampling Labor Hours (02 65 00 00-0001)</b>		
02 65 00 00-0012 HR Certified Tank Installer For Underground Storage Tank .....	113.53	
02 65 00 00-0013 HR Certified Geologist/Environmentalist.....	121.12	
02 65 00 00-0014 HR Hourly Office Work For Reports Required For EPA On Underground Storage Tank .....	130.34	
Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.		
<b>02 65 00 00-0015 Remove Tank Contents (02 65)</b>		
<b>02 65 00 00-0016 Transfer Liquid (02 65 00 00-0015)</b>		
Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0017 GAL Transfer Reusable Liquid To Different Tank .....	0.58	
Note: Per gallon of material transferred.		
<b>02 65 00 00-0018 Pump Contaminated Liquids And Rinse Material (02 65 00 00-0015)</b>		
02 65 00 00-0019 GAL Removal And Disposal Of Non-Hazardous Liquid From Tank Or Triple Basin .....	1.14	
Note: Pump, haul, and dump are included in the task.		
<b>02 65 00 00-0020 Sludge (02 65 00 00-0015)</b>		
Note: Includes scraping and solidifying agent.		
02 65 00 00-0021 GAL Removal And Disposal Of Non-Hazardous Solids Or Sludge From Tank Or Triple Basin.....	1.41	
Note: Pump, haul, and dump are included in the task.		
<b>02 65 00 00-0022 Purge Vapors, Open And Clean Tank (02 65)</b>		
<b>02 65 00 00-0023 Purge Vapors (02 65 00 00-0022)</b>		
02 65 00 00-0024 LB Purge Tank Using Dry Ice.....	5.40	
Note: Approximately 1.5 To 3.0 Lb. of dry ice per 100 Gallons of tank volume.		
<b>02 65 00 00-0025 Tank And Piping Removal (02 65)</b>		
Note: Excludes excavation.		
<b>02 65 00 00-0026 Remove Tank (02 65 00 00-0025)</b>		
Note: Includes mobilization, cutting the straps, pulling the tank out of the ground, exterior cleaning, cutting the tank open, interior cleaning, cutting tank into pieces (as applicable), loading onto a truck, hauling and all applicable disposal costs. Excludes breaking up and removing concrete or asphalt, excavation, sludge or product removal from the inside of the tank, imported fill, backfill, and compaction.		
02 65 00 00-0027 EA Removal Of 1 - 550 Gallon Underground Storage Tank .....	3,277.43	
02 65 00 00-0028 EA Removal Of >550 - 1,000 Gallon Underground Storage Tank .....	3,605.18	
02 65 00 00-0029 EA Removal Of >1,000 - 2,000 Gallon Underground Storage Tank .....	3,965.70	
02 65 00 00-0030 EA Removal Of >2,000 - 5,000 Gallon Underground Storage Tank .....	4,362.27	
02 65 00 00-0031 EA Removal Of >5,000 - 10,000 Gallon Underground Storage Tank .....	4,972.99	
02 65 00 00-0032 EA Removal Of >10,000 - 20,000 Gallon Underground Storage Tank .....	5,670.83	
02 65 00 00-0033 EA Removal Of >20,000 - 30,000 Gallon Underground Storage Tank .....	6,462.90	
02 65 00 00-0034 EA Removal Of >30,000 - 40,000 Gallon Underground Storage Tank .....	7,367.71	
02 65 00 00-0035 EA Removal Of >40,000 - 50,000 Gallon Underground Storage Tank .....	8,399.19	
<b>02 65 00 00-0036 Other Storage Tank Removals (02 65 00 00-0025)</b>		
02 65 00 00-0037 GAL Removal Of Cement Lining.....	0.69	
02 65 00 00-0038 GAL Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	0.24	
02 65 00 00-0039 GAL Install Epoxy For Interior Corrosion Protection .....	1.52	
<b>02 65 00 00-0040 Tank Closure Report (02 65 00 00-0025)</b>		
Note: Excludes soils tests.		
02 65 00 00-0041 EA Prepare Tank Closure Report.....	3,278.45	
<b>02 65 00 00-0042 Temporary Tanks (02 65)</b>		
<b>02 65 00 00-0043 Temporary Holding Tanks (02 65 00 00-0042)</b>		
<b>02 65 00 00-0044 Above Ground Temporary Holding Tanks, Monthly Rental (02 65 00 00-0043)</b>		
02 65 00 00-0045 MO 550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental .....	956.68	
02 65 00 00-0046 MO 630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental .....	956.68	
02 65 00 00-0047 MO 630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental .....	1,913.37	
02 65 00 00-0048 MO 4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental .....	1,435.02	
02 65 00 00-0049 MO 4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental .....	3,348.39	
02 65 00 00-0050 MO 6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental.....	2,391.71	
02 65 00 00-0051 MO 21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	6,237.02	
02 65 00 00-0052 MO 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental .....	7,474.52	
02 65 00 00-0053 MO 21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental .....	12,622.54	



		<b>Existing Conditions</b>	<b>02</b>
		<b>Contaminated Site Material Removal</b>	<b>02 60</b>
		<b>Underground Storage Tank Removal</b>	<b>02 65</b>

02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

02 65 00 00-0054	Secondary Containment Berm (02 65 00 00-0042)	
02 65 00 00-0055	MO Secondary Containment Berm Monthly Rental.....	2,072.81

**02 80 Facility Remediation** (02)**02 82 Asbestos Remediation** (02 80)

See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

**02 82 33 Removal and Disposal of Asbestos Containing Materials** (02 82)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 82 33 00-0001	Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0002	Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001) Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.	
02 82 33 00-0003	Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) See CSI section 02 82 33 00-0017 for projects with less than 10 LF.	
02 82 33 00-0004	SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,260.81
	For Work In Restricted Working Space, Add	372.10
02 82 33 00-0005	LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	43.31
	For Work In Restricted Working Space, Add	12.69
02 82 33 00-0006	LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	32.73
	For Work In Restricted Working Space, Add	9.51
02 82 33 00-0007	LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	24.80
	For Work In Restricted Working Space, Add	7.13
02 82 33 00-0008	LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	18.86
	For Work In Restricted Working Space, Add	5.35
02 82 33 00-0009	LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	16.53
	For Work In Restricted Working Space, Add	4.65
02 82 33 00-0010	>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) See CSI section 02 82 33 00-0017 for projects with less than 10 LF.	
02 82 33 00-0011	SET Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,281.30
	For Work In Restricted Working Space, Add	372.10
02 82 33 00-0012	LF >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	50.68
	For Work In Restricted Working Space, Add	14.59
02 82 33 00-0013	LF >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	38.51
	For Work In Restricted Working Space, Add	10.94
02 82 33 00-0014	LF >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	29.40
	For Work In Restricted Working Space, Add	8.21
02 82 33 00-0015	LF >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	22.55
	For Work In Restricted Working Space, Add	6.15
02 82 33 00-0016	LF >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	19.89
	For Work In Restricted Working Space, Add	5.35
02 82 33 00-0017	Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.	
02 82 33 00-0018	SET Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal.....	809.10
	For Work In Restricted Working Space, Add	240.89
02 82 33 00-0019	LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation.....	135.88
	For Work In Restricted Working Space, Add	40.15
02 82 33 00-0020	LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation.....	54.00
	For Work In Restricted Working Space, Add	15.59
02 82 33 00-0021	LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation.....	41.00
	For Work In Restricted Working Space, Add	11.69
02 82 33 00-0022	LF >500 LF Additional Glove Bag Work for Pipe Insulation.....	31.27
	For Work In Restricted Working Space, Add	8.77
02 82 33 00-0023	Thermal Insulation, Asbestos Abatement And Disposal (02 82 33)	
02 82 33 00-0024	Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0023) Note: e.g., duct, boiler, tank, etc.	
02 82 33 00-0025	SET Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	1,253.13
02 82 33 00-0026	SF >25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	42.80



<b>02</b>	<b>02 Existing Conditions</b>
	<b>02 80 Facility Remediation</b>
	<b>02 82 Asbestos Remediation</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0027 SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	33.81	
02 82 33 00-0028 SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	25.48	
02 82 33 00-0029 SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	19.24	
<b>02 82 33 00-0030 Surfacing Material, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0031 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0030)</b> Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0033 for areas > 1 SF see CSI section.		
02 82 33 00-0032 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal..... Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.	207.23	
<b>02 82 33 00-0033 Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0030)</b> Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0034 SET Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal .....	1,253.13	
02 82 33 00-0035 SF >25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	51.23	
02 82 33 00-0036 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal .....	38.54	
02 82 33 00-0037 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	29.03	
02 82 33 00-0038 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal .....	21.90	
<b>02 82 33 00-0039 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0030)</b> Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0040 SET Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal .....	1,248.86	
02 82 33 00-0041 SF >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	21.53	
02 82 33 00-0042 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	16.36	
02 82 33 00-0043 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	12.23	
02 82 33 00-0044 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	9.13	
<b>02 82 33 00-0045 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0030)</b>		
02 82 33 00-0046 SET Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	1,257.40	
For Additional Layer, Add	341.09	
02 82 33 00-0047 SF >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	16.62	
For Additional Layer, Add	4.48	
02 82 33 00-0048 SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	12.23	
For Additional Layer, Add	3.27	
02 82 33 00-0049 SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	9.65	
For Additional Layer, Add	2.56	
02 82 33 00-0050 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal .....	7.58	
For Additional Layer, Add	1.99	
02 82 33 00-0051 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	6.03	
For Additional Layer, Add	1.56	
02 82 33 00-0052 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	4.89	
For Additional Layer, Add	1.25	
<b>02 82 33 00-0053 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0030)</b>		
02 82 33 00-0054 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	1,248.86	
02 82 33 00-0055 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	31.24	
02 82 33 00-0056 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	22.97	
02 82 33 00-0057 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	18.02	
02 82 33 00-0058 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal .....	14.08	
02 82 33 00-0059 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	10.16	
<b>02 82 33 00-0060 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0030)</b>		
02 82 33 00-0061 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal.....	1,257.40	
02 82 33 00-0062 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal .....	27.30	
02 82 33 00-0063 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....	20.53	
02 82 33 00-0064 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal .....	15.51	
02 82 33 00-0065 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal .....	11.71	
<b>02 82 33 00-0066 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0030)</b>		
02 82 33 00-0067 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal .....	1,257.40	
02 82 33 00-0068 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	14.12	
02 82 33 00-0069 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	11.02	
02 82 33 00-0070 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	8.10	
02 82 33 00-0071 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.14	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>02 82 33 00-0072</b> Plywood, Asbestos Abatement And Disposal <small>(02 82 33 00-0030)</small>		
02 82 33 00-0073 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal.....	1,253.98	
02 82 33 00-0074 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal.....	17.91	
02 82 33 00-0075 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....	8.80	
02 82 33 00-0076 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....	6.05	
02 82 33 00-0077 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....	5.20	
<b>02 82 33 00-0078</b> Flooring Material, Asbestos Abatement And Disposal <small>(02 82 33)</small>		
<b>02 82 33 00-0079</b> Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal <small>(02 82 33 00-0078)</small>		
<b>02 82 33 00-0080</b> Floor Tile, Asbestos Abatement And Disposal <small>(02 82 33 00-0079)</small>		
Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0081 SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	1,243.74	
For Each Additional Layer, Add	0.50	
02 82 33 00-0082 SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	8.80	
For Each Additional Layer, Add	0.50	
02 82 33 00-0083 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	7.22	
For Each Additional Layer, Add	0.50	
02 82 33 00-0084 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	5.76	
For Each Additional Layer, Add	0.50	
02 82 33 00-0085 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	4.01	
For Each Additional Layer, Add	0.50	
<b>02 82 33 00-0086</b> Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal <small>(02 82 33 00-0079)</small>		
Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0087 SET Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	1,243.74	
For Each Additional Layer, Add	0.50	
02 82 33 00-0088 SF >100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	8.80	
For Each Additional Layer, Add	0.50	
02 82 33 00-0089 SF >500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	7.24	
For Each Additional Layer, Add	0.50	
02 82 33 00-0090 SF >2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	6.58	
For Each Additional Layer, Add	0.50	
02 82 33 00-0091 SF >10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	5.33	
For Each Additional Layer, Add	0.50	
<b>02 82 33 00-0092</b> Carpet, Asbestos Abatement And Disposal <small>(02 82 33 00-0079)</small>		
02 82 33 00-0093 SET Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	1,243.74	
02 82 33 00-0094 SF >100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	6.93	
02 82 33 00-0095 SF >500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	5.62	
02 82 33 00-0096 SF >2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	4.13	
02 82 33 00-0097 SF >10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	3.15	
<b>02 82 33 00-0098</b> Wall Or Cove Base, Asbestos Abatement And Disposal <small>(02 82 33 00-0079)</small>		
Note: Up to 12".		
02 82 33 00-0099 SET Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	417.71	
02 82 33 00-0100 LF >25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	5.68	
02 82 33 00-0101 LF >100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.48	
02 82 33 00-0102 LF >500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.24	
02 82 33 00-0103 LF >2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.62	
<b>02 82 33 00-0104</b> Mastic, Asbestos Abatement And Disposal <small>(02 82 33 00-0078)</small>		
Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0105 SET Up To 100 SF, Mastic, Asbestos Abatement And Disposal.....	1,248.86	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0106 SF >100 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	3.18	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0107 SF >500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	2.36	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0108 SF >2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.84	
Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0109 SF >10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.48	
Note: Applies to bottom layer only if multiple layers.		
<b>02 82 33 00-0110</b> Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal <small>(02 82 33 00-0078)</small>		
Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.		
02 82 33 00-0111 SET Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	1,274.48	
02 82 33 00-0112 SF >100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	10.10	
02 82 33 00-0113 SF >500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	7.47	

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0114 SF >2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	5.92	
02 82 33 00-0115 SF >10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	4.68	
<b>02 82 33 00-0116 Mastic Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal (02 82 33 00-0078)</b> Note: Includes removal of all anchors.		
02 82 33 00-0117 SF Mastic-Contaminated Wood Sub-Flooring, Asbestos Abatement And Disposal .....	4.55	
<b>02 82 33 00-0118 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal (02 82 33 00-0078)</b>		
02 82 33 00-0119 SET Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal .....	1,257.39	
02 82 33 00-0120 SF >100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	11.23	
02 82 33 00-0121 SF >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	7.41	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0122 SF >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.86	
02 82 33 00-0123 SF >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	4.82	
<b>02 82 33 00-0124 Roofing, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0125 Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0124)</b> Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
<b>02 82 33 00-0126 Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0125)</b>		
02 82 33 00-0127 SET Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,283.02	
02 82 33 00-0128 SF >125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.27	
02 82 33 00-0129 SF >1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.69	
02 82 33 00-0130 SF >5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.41	
02 82 33 00-0131 SF >10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.14	
02 82 33 00-0132 SF >20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	3.19	
<b>02 82 33 00-0133 &gt;2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0125)</b>		
02 82 33 00-0134 SET Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,315.45	
02 82 33 00-0135 SF >110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.71	
02 82 33 00-0136 SF >1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.87	
02 82 33 00-0137 SF >5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.47	
02 82 33 00-0138 SF >10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.02	
02 82 33 00-0139 SF >20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal .....	3.93	
<b>02 82 33 00-0140 &gt;5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0125)</b>		
02 82 33 00-0141 SET Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,353.02	
02 82 33 00-0142 SF >110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	11.05	
02 82 33 00-0143 SF >1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.01	
02 82 33 00-0144 SF >5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.46	
02 82 33 00-0145 SF >10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.85	
02 82 33 00-0146 SF >20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.63	
<b>02 82 33 00-0147 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0124)</b>		
<b>02 82 33 00-0148 Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0147)</b>		
02 82 33 00-0149 SET Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal .....	1,250.99	
Note: Single or first of multiple layers.		
02 82 33 00-0150 SF >125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	8.02	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.25	
02 82 33 00-0151 SF >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	6.44	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.25	
02 82 33 00-0152 SF >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	5.16	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.25	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
Facility Remediation	02 80	
Asbestos Remediation	02 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0153 SF >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	3.89	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.25	
02 82 33 00-0154 SF >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal.....	2.94	
Note: Single or first of multiple layers.		
For Each Additional Layer, Add	0.25	
<b>02 82 33 00-0155 Roof Penetration Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0124)		
02 82 33 00-0156 SET Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	414.29	
02 82 33 00-0157 SF >10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	3.19	
02 82 33 00-0158 SF >50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.64	
02 82 33 00-0159 SF >100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.14	
02 82 33 00-0160 SF >250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.58	
<b>02 82 33 00-0161 Roof Curb Mastic, Asbestos Abatement And Disposal</b> (02 82 33 00-0124)		
02 82 33 00-0162 SET Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	414.29	
02 82 33 00-0163 LF >10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	9.40	
02 82 33 00-0164 LF >20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	7.53	
02 82 33 00-0165 LF >50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.29	
02 82 33 00-0166 LF >150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.56	
<b>02 82 33 00-0167 Asbestos-Cement Products, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-0168 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0167)		
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0169 SET Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1,257.39	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0170 SF >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	8.63	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0171 SF >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	4.39	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0172 SF >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.54	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0173 SF >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.11	
Note: Includes detachment of mounted objects before removal.		
<b>02 82 33 00-0174 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal</b> (02 82 33 00-0167)		
02 82 33 00-0175 SET Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	1,257.39	
02 82 33 00-0176 SF >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	7.51	
02 82 33 00-0177 SF >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.93	
02 82 33 00-0178 SF >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.17	
02 82 33 00-0179 SF >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.78	
<b>02 82 33 00-0180 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal</b> (02 82 33 00-0167)		
02 82 33 00-0181 SET Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	1,054.10	
02 82 33 00-0182 LF >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	44.34	
02 82 33 00-0183 LF >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	33.76	
02 82 33 00-0184 LF >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	25.83	
02 82 33 00-0185 LF >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	19.89	
02 82 33 00-0186 LF >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.43	
02 82 33 00-0187 LF >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.11	
<b>02 82 33 00-0188 Exterior Transite Siding, Asbestos Abatement And Disposal</b> (02 82 33 00-0167)		
02 82 33 00-0189 SET Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	1,269.26	
Note: Single or first of multiple layers.		
02 82 33 00-0190 SF >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	6.78	
Note: Single or first of multiple layers.		
02 82 33 00-0191 SF >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	5.45	
Note: Single or first of multiple layers.		
02 82 33 00-0192 SF >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	4.39	
Note: Single or first of multiple layers.		
02 82 33 00-0193 SF >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	3.34	
Note: Single or first of multiple layers.		
02 82 33 00-0194 SF >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal.....	2.55	
Note: Single or first of multiple layers.		
<b>02 82 33 00-0195 Asbestos Contaminated Debris, Asbestos Abatement And Disposal</b> (02 82 33)		
<b>02 82 33 00-0196 Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal</b> (02 82 33 00-0195)		
Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.		

**02 Existing Conditions****02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

02 82 33 00-0197	SET	Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	621.87	
02 82 33 00-0198	SF	>10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	1.19	
02 82 33 00-0199	SF	>100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.79	
02 82 33 00-0200	SF	>500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.65	
02 82 33 00-0201	SF	>1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal.....	0.57	

**02 82 33 00-0202 Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal**

(02 82 33 00-0195)

02 82 33 00-0203	SET	Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	833.71	
02 82 33 00-0204	SF	>10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	21.35	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0205	SF	>100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	14.63	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0206	SF	>250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	11.02	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0207	SF	>500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	8.95	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0208	SF	>2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	7.92	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0209	SF	>10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	6.88	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0210	SET	Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	1,045.56	
02 82 33 00-0211	SF	>10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	42.29	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0212	SF	>100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	28.61	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0213	SF	>250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	21.79	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0214	SF	>500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	17.65	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0215	SF	>2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	15.18	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0216	SF	>10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	13.78	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0217	SET	Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	1,260.81	
02 82 33 00-0218	SF	>10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	84.27	
		<i>For Batt Insulation Removal, Add</i>	2.00	
		<i>For Encapsulated Soil, Add</i>	1.00	
		<i>For Work In Restricted Working Space, Add</i>	1.00	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0219 SF >100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....	56.86	
<i>For Batt Insulation Removal, Add</i>	2.00	
<i>For Encapsulated Soil, Add</i>	1.00	
<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0220 SF >250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....	43.22	
<i>For Batt Insulation Removal, Add</i>	2.00	
<i>For Encapsulated Soil, Add</i>	1.00	
<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0221 SF >500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....	34.94	
<i>For Batt Insulation Removal, Add</i>	2.00	
<i>For Encapsulated Soil, Add</i>	1.00	
<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0222 SF >2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....	30.00	
<i>For Batt Insulation Removal, Add</i>	2.00	
<i>For Encapsulated Soil, Add</i>	1.00	
<i>For Work In Restricted Working Space, Add</i>	1.00	
02 82 33 00-0223 SF >10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal .....	27.20	
<i>For Batt Insulation Removal, Add</i>	2.00	
<i>For Encapsulated Soil, Add</i>	1.00	
<i>For Work In Restricted Working Space, Add</i>	1.00	
<b>02 82 33 00-0224 Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0195)</b>		
02 82 33 00-0225 SET Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	847.37	
<i>For Work In Restricted Working Space, Add</i>	248.06	
02 82 33 00-0226 CF >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	84.27	
<i>For Work In Restricted Working Space, Add</i>	24.67	
02 82 33 00-0227 CF >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	56.86	
<i>For Work In Restricted Working Space, Add</i>	16.44	
02 82 33 00-0228 CF >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	43.22	
<i>For Work In Restricted Working Space, Add</i>	12.35	
02 82 33 00-0229 CF >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	34.94	
<i>For Work In Restricted Working Space, Add</i>	9.87	
02 82 33 00-0230 CF >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	30.00	
<i>For Work In Restricted Working Space, Add</i>	8.39	
02 82 33 00-0231 CF >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal .....	27.20	
<i>For Work In Restricted Working Space, Add</i>	7.55	
<b>02 82 33 00-0232 Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33)</b>		
<b>02 82 33 00-0233 30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0232)</b>		
02 82 33 00-0234 SET Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	422.66	
02 82 33 00-0235 EA >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	158.06	
02 82 33 00-0236 EA >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal .....	143.17	
<b>02 82 33 00-0237 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0232)</b>		
02 82 33 00-0238 SET Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	413.87	
02 82 33 00-0239 LF >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	8.50	
02 82 33 00-0240 LF >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	6.39	
02 82 33 00-0241 LF >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	5.49	
02 82 33 00-0242 LF >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	4.73	
02 82 33 00-0243 LF >1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	4.06	
02 82 33 00-0244 LF >2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal .....	3.51	
<b>02 82 33 00-0245 Grout, Asbestos Abatement And Disposal (02 82 33 00-0232)</b>		
Note: e.g. flue grout.		
02 82 33 00-0246 SET Up To 10 LF, Grout, Asbestos Abatement And Disposal .....	413.72	
02 82 33 00-0247 LF >10 To 50 LF, Grout, Asbestos Abatement And Disposal .....	16.31	
02 82 33 00-0248 LF >50 To 100 LF, Grout, Asbestos Abatement And Disposal .....	11.24	
02 82 33 00-0249 LF >100 To 250 LF, Grout, Asbestos Abatement And Disposal .....	9.62	
02 82 33 00-0250 LF >250 To 1,000 LF, Grout, Asbestos Abatement And Disposal .....	8.28	
02 82 33 00-0251 LF >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal .....	7.13	
02 82 33 00-0252 LF >2,500 LF, Grout, Asbestos Abatement And Disposal .....	6.12	
<b>02 82 33 00-0253 Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0232)</b>		
Note: e.g. rope, web cloth, flat.		
02 82 33 00-0254 SET Up To 10 LF, Gaskets, Asbestos Abatement And Disposal .....	413.87	
02 82 33 00-0255 LF >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal .....	21.96	
02 82 33 00-0256 LF >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal .....	16.49	
02 82 33 00-0257 LF >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal .....	14.05	
02 82 33 00-0258 LF >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal .....	12.65	
02 82 33 00-0259 LF >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	11.37	



<b>02</b>	<b>02 Existing Conditions</b>
	<b>02 80 Facility Remediation</b>
	<b>02 82 Asbestos Remediation</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0260 LF >2,500 LF, Gaskets, Asbestos Abatement And Disposal .....	10.82	
<b>02 82 33 00-0261 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
<small>Note: e.g. grid, spline, or glued on.</small>		
02 82 33 00-0262 SET Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	835.42	
<small>Note: Including Glue Removal</small>		
02 82 33 00-0263 SF >50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	17.74	
<small>Note: Including Glue Removal</small>		
02 82 33 00-0264 SF >1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	8.63	
<small>Note: Including Glue Removal</small>		
02 82 33 00-0265 SF >2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	5.88	
<small>Note: Including Glue Removal</small>		
02 82 33 00-0266 SF >10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal .....	5.03	
<small>Note: Including Glue Removal</small>		
<b>02 82 33 00-0267 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
<small>Note: Includes ceiling tile, asbestos barrier paper, and furring strips.</small>		
02 82 33 00-0268 SET Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	831.49	
02 82 33 00-0269 SF >50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	17.74	
02 82 33 00-0270 SF >1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	8.63	
02 82 33 00-0271 SF >2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	5.88	
02 82 33 00-0272 SF >10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal .....	5.03	
<b>02 82 33 00-0273 Caulking, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
<b>02 82 33 00-0274 Non-Friable Caulking, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0273)</small>		
02 82 33 00-0275 SET Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	413.72	
02 82 33 00-0276 LF >10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	12.22	
02 82 33 00-0277 LF >50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	8.63	
02 82 33 00-0278 LF >100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	6.43	
02 82 33 00-0279 LF >250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	4.84	
02 82 33 00-0280 LF >1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	3.83	
02 82 33 00-0281 LF >2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal .....	3.33	
<b>02 82 33 00-0282 Asbestos Contaminated Paint, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
<small>Note: Exposed surface area, includes associated overspray.</small>		
02 82 33 00-0283 SET Up To 10 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal .....	517.65	
02 82 33 00-0284 SF >10 To 500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal .....	50.81	
02 82 33 00-0285 SF >500 To 2,500 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal .....	38.12	
02 82 33 00-0286 SF >2,500 To 10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal .....	28.61	
02 82 33 00-0287 SF >10,000 SF, Asbestos Contaminated Paint On Bridges, Asbestos Abatement And Disposal .....	21.48	
<b>02 82 33 00-0288 Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
02 82 33 00-0289 SF Tackboards/Chalkboards/Markerboards With Mastic, Asbestos Abatement And Disposal .....	5.34	
02 82 33 00-0290 SF Mastic On Walls, Asbestos Abatement And Disposal .....	20.76	
<b>02 82 33 00-0291 Other Material, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
02 82 33 00-0292 LF Chemical Countertops, Asbestos Abatement And Disposal .....	28.24	
02 82 33 00-0293 EA Chemical Fume Hood, Asbestos Abatement And Disposal .....	1,599.58	
<b>02 82 33 00-0294 Wire Insulation, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
<b>02 82 33 00-0295 Wire Insulation, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0294)</small>		
02 82 33 00-0296 SET Up To 10 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	413.72	
02 82 33 00-0297 LF >10 To 50 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	4.60	
02 82 33 00-0298 LF >50 To 100 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	3.26	
02 82 33 00-0299 LF >100 To 250 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	2.43	
02 82 33 00-0300 LF >250 To 1,000 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	1.82	
02 82 33 00-0301 LF >1,000 To 2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	1.45	
02 82 33 00-0302 LF >2,500 LF, Asbestos Wire Insulation, Asbestos Abatement And Disposal .....	1.27	
<b>02 82 33 00-0303 Window Putty, Asbestos Abatement And Disposal</b> <small>(02 82 33 00-0232)</small>		
02 82 33 00-0304 SET Up To 10 LF, Window Putty, Asbestos Abatement And Disposal .....	413.72	
02 82 33 00-0305 LF >10 To 50 LF, Window Putty, Asbestos Abatement And Disposal .....	16.31	
02 82 33 00-0306 LF >50 To 100 LF, Window Putty, Asbestos Abatement And Disposal .....	11.24	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>	
<b>Asbestos Remediation</b>	<b>02 82</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

02 82 33 00-0307	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal .....	9.62
02 82 33 00-0308	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal .....	8.28
02 82 33 00-0309	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	7.13

**02 82 33 00-0310 Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02**

02 82 33 00-0311	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	866.22
02 82 33 00-0312	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	83.84
02 82 33 00-0313	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	59.17
02 82 33 00-0314	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	46.90
02 82 33 00-0315	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	39.45
02 82 33 00-0316	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	35.00
02 82 33 00-0317	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal .....	32.47

**02 83 Lead Remediation (02 80)**

See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

**02 83 19 Lead-Based Paint Remediation (02 83)**

**02 83 19 13 Lead-Based Paint Abatement (02 83 19)**

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.

**02 83 19 13-0001 Lead Sampling And Testing (02 83 19 13)**

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0002	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring .....	87.25
02 83 19 13-0003	EA	X-Ray Fluorescence (XRF) Lead Testing .....	74.29
		Note: Including Technician, 3 Readings Per Surface And Lab Fee	
02 83 19 13-0004	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	71.12
02 83 19 13-0005	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	107.76
02 83 19 13-0006	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee .....	150.86
02 83 19 13-0007	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	28.02
02 83 19 13-0008	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	43.10
02 83 19 13-0009	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee .....	53.88
02 83 19 13-0010	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....	71.12
02 83 19 13-0011	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee .....	107.76
02 83 19 13-0012	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee .....	11.85
02 83 19 13-0013	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee .....	16.16
02 83 19 13-0014	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee .....	23.71
02 83 19 13-0015	EA	5 Day Turnaround Lead Air Samples And Lab Fee .....	11.85
02 83 19 13-0016	EA	24 Hour Turnaround Lead Air Samples And Lab Fee .....	16.16
02 83 19 13-0017	EA	8 Hour Turnaround Lead Air Samples And Lab Fee .....	23.71
02 83 19 13-0018	EA	5 Day Turnaround Lead Water Test and Lab Fee .....	43.10
02 83 19 13-0019	EA	24 Hour Turnaround Lead Water Test and Lab Fee .....	64.65
02 83 19 13-0020	EA	8 Hour Turnaround Lead Water Test and Lab Fee .....	86.20
02 83 19 13-0021	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee .....	44.57
02 83 19 13-0022	EA	5 Day Turnaround Lead Soil Test and Lab Fee .....	89.15

**02 83 19 13-0023 Chemical Stripping Of Lead Contaminated Material (02 83 19 13)**

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0024	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material .....	33.57
		For 0.025" (25 mil) Application, Add	1.93
		For 0.03" (30 mil) Application, Add	3.05
02 83 19 13-0025	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material .....	49.72
		For 0.025" (25 mil) Application, Add	2.74
		For 0.03" (30 mil) Application, Add	4.26
02 83 19 13-0026	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material .....	14.44
		For 0.025" (25 mil) Application, Add	0.87
		For 0.03" (30 mil) Application, Add	1.40
		For 0.125" (125 mil) Application, Add	8.11
02 83 19 13-0027	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material.....	29.40
		For 0.025" (25 mil) Application, Add	1.62
		For 0.03" (30 mil) Application, Add	2.52
		For 0.125" (125 mil) Application, Add	11.85
02 83 19 13-0028	SF	Cornice, Chemical Stripping Of Lead Contaminated Material.....	15.73
		For 0.025" (25 mil) Application, Add	1.04
		For 0.03" (30 mil) Application, Add	1.71
02 83 19 13-0029	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material.....	44.33
		For 0.025" (25 mil) Application, Add	2.47
		For 0.03" (30 mil) Application, Add	3.86

**02 Existing Conditions****02 80 Facility Remediation****02 83 Lead Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0030	SF		Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material.....	9.73	
			<i>For 0.025" (25 mil) Application, Add</i>	0.69	
			<i>For 0.03" (30 mil) Application, Add</i>	1.15	
			<i>For 0.125" (125 mil) Application, Add</i>	8.43	
02 83 19 13-0031	SF		Cabinets, Chemical Stripping Of Lead Contaminated Material.....	28.06	
			<i>For 0.025" (25 mil) Application, Add</i>	1.60	
			<i>For 0.03" (30 mil) Application, Add</i>	2.53	
02 83 19 13-0032	SF		Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material.....	35.72	
			<i>For 0.025" (25 mil) Application, Add</i>	1.99	
			<i>For 0.03" (30 mil) Application, Add</i>	3.10	
02 83 19 13-0033	SF		Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material.....	13.37	
			<i>For 0.025" (25 mil) Application, Add</i>	0.87	
			<i>For 0.03" (30 mil) Application, Add</i>	1.43	
02 83 19 13-0034	SF		Columns, Chemical Stripping Of Lead Contaminated Material.....	12.89	
			<i>For 0.025" (25 mil) Application, Add</i>	0.89	
			<i>For 0.03" (30 mil) Application, Add</i>	1.50	
			<i>For 0.125" (125 mil) Application, Add</i>	10.72	
02 83 19 13-0035	SF		Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material.....	11.35	
			<i>For 0.025" (25 mil) Application, Add</i>	0.77	
			<i>For 0.03" (30 mil) Application, Add</i>	1.28	
02 83 19 13-0036	SF		Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material.....	13.91	
			<i>For 0.025" (25 mil) Application, Add</i>	0.90	
			<i>For 0.03" (30 mil) Application, Add</i>	1.47	
02 83 19 13-0037	SF		Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated.....	20.48	
			<i>For 0.025" (25 mil) Application, Add</i>	1.27	
			<i>For 0.03" (30 mil) Application, Add</i>	2.07	
02 83 19 13-0038	EA		Electrical Devices, Chemical Stripping Of Lead Contaminated Material.....	58.38	
			<i>For 0.025" (25 mil) Application, Add</i>	3.32	
			<i>For 0.03" (30 mil) Application, Add</i>	5.23	
02 83 19 13-0039	LF		Door Frames, Chemical Stripping Of Lead Contaminated Material.....	14.53	
			<i>For 0.025" (25 mil) Application, Add</i>	0.93	
			<i>For 0.03" (30 mil) Application, Add</i>	1.51	
02 83 19 13-0040	SF		Wood Floors, Chemical Stripping Of Lead Contaminated Material.....	8.03	
			<i>For 0.025" (25 mil) Application, Add</i>	0.60	
			<i>For 0.03" (30 mil) Application, Add</i>	1.03	
02 83 19 13-0041	SF		HVAC Grilles, Chemical Stripping Of Lead Contaminated Material.....	29.98	
			<i>For 0.025" (25 mil) Application, Add</i>	1.70	
			<i>For 0.03" (30 mil) Application, Add</i>	2.67	
02 83 19 13-0042	SF		HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material.....	35.72	
			<i>For 0.025" (25 mil) Application, Add</i>	1.99	
			<i>For 0.03" (30 mil) Application, Add</i>	3.10	
02 83 19 13-0043	EA		Hinges, Chemical Stripping Of Lead Contaminated Material.....	18.86	
			<i>For 0.025" (25 mil) Application, Add</i>	1.24	
			<i>For 0.03" (30 mil) Application, Add</i>	2.05	
02 83 19 13-0044	EA		Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material.....	23.20	
			<i>For 0.025" (25 mil) Application, Add</i>	1.46	
			<i>For 0.03" (30 mil) Application, Add</i>	2.38	
			<i>For 0.125" (125 mil) Application, Add</i>	14.80	
02 83 19 13-0045	LF		Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	6.51	
			<i>For 0.025" (25 mil) Application, Add</i>	0.48	
			<i>For 0.03" (30 mil) Application, Add</i>	0.81	
			<i>For 0.125" (125 mil) Application, Add</i>	6.13	
02 83 19 13-0046	LF		>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	10.40	
			<i>For 0.025" (25 mil) Application, Add</i>	0.67	
			<i>For 0.03" (30 mil) Application, Add</i>	1.10	
			<i>For 0.125" (125 mil) Application, Add</i>	7.10	
02 83 19 13-0047	LF		>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	18.61	
			<i>For 0.025" (25 mil) Application, Add</i>	1.18	
			<i>For 0.03" (30 mil) Application, Add</i>	1.93	
			<i>For 0.125" (125 mil) Application, Add</i>	12.15	
02 83 19 13-0048	LF		>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	25.49	
			<i>For 0.025" (25 mil) Application, Add</i>	1.57	
			<i>For 0.03" (30 mil) Application, Add</i>	2.55	
			<i>For 0.125" (125 mil) Application, Add</i>	15.37	
02 83 19 13-0049	LF		>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material.....	45.66	
			<i>For 0.025" (25 mil) Application, Add</i>	2.73	
			<i>For 0.03" (30 mil) Application, Add</i>	4.38	
			<i>For 0.125" (125 mil) Application, Add</i>	24.92	
02 83 19 13-0050	SF		>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area.....	13.63	
			<i>For 0.025" (25 mil) Application, Add</i>	0.79	
			<i>For 0.03" (30 mil) Application, Add</i>	1.25	
			<i>For 0.125" (125 mil) Application, Add</i>	6.65	
02 83 19 13-0051	EA		Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material.....	270.64	
			<i>For 0.025" (25 mil) Application, Add</i>	14.98	
			<i>For 0.03" (30 mil) Application, Add</i>	23.38	
02 83 19 13-0052	SF		Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material.....	19.18	
			<i>For 0.025" (25 mil) Application, Add</i>	1.52	
			<i>For 0.03" (30 mil) Application, Add</i>	2.64	
02 83 19 13-0053	SF		Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material.....	20.97	
			<i>For 0.025" (25 mil) Application, Add</i>	1.61	
			<i>For 0.03" (30 mil) Application, Add</i>	2.77	
02 83 19 13-0054	SF		Siding, Chemical Stripping Of Lead Contaminated Material.....	10.90	
			<i>For 0.025" (25 mil) Application, Add</i>	0.80	
			<i>For 0.03" (30 mil) Application, Add</i>	1.35	
			<i>For 0.125" (125 mil) Application, Add</i>	10.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0055 SF Soffit, Chemical Stripping Of Lead Contaminated Material.....	22.71	
For 0.025" (25 mil) Application, Add	1.34	
For 0.03" (30 mil) Application, Add	2.13	
For 0.125" (125 mil) Application, Add	11.68	
02 83 19 13-0056 SF Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material.....	10.50	
For 0.025" (25 mil) Application, Add	0.73	
For 0.03" (30 mil) Application, Add	1.21	
For 0.125" (125 mil) Application, Add	8.63	
02 83 19 13-0057 SF Corrugated Steel, Chemical Stripping Of Lead Contaminated Material.....	11.90	
For 0.025" (25 mil) Application, Add	0.80	
For 0.03" (30 mil) Application, Add	1.32	
For 0.125" (125 mil) Application, Add	8.98	
02 83 19 13-0058 SF Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material.....	11.87	
For 0.025" (25 mil) Application, Add	0.79	
For 0.03" (30 mil) Application, Add	1.32	
For 0.125" (125 mil) Application, Add	8.97	
02 83 19 13-0059 SF Steel Trusses, Chemical Stripping Of Lead Contaminated Material.....	16.79	
For 0.025" (25 mil) Application, Add	1.04	
For 0.03" (30 mil) Application, Add	1.68	
For 0.125" (125 mil) Application, Add	10.20	
02 83 19 13-0060 SF Wood Surfaces, Chemical Stripping Of Lead Contaminated Material.....	11.87	
For 0.025" (25 mil) Application, Add	0.79	
For 0.03" (30 mil) Application, Add	1.32	
For 0.125" (125 mil) Application, Add	8.97	
02 83 19 13-0061 SF Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material.....	27.23	
For 0.025" (25 mil) Application, Add	1.56	
For 0.03" (30 mil) Application, Add	2.47	
02 83 19 13-0062 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material.....	29.80	
For 0.025" (25 mil) Application, Add	1.69	
For 0.03" (30 mil) Application, Add	2.66	
02 83 19 13-0063 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material.....	31.52	
For 0.025" (25 mil) Application, Add	1.78	
For 0.03" (30 mil) Application, Add	2.79	
02 83 19 13-0064 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material.....	33.28	
For 0.025" (25 mil) Application, Add	1.86	
For 0.03" (30 mil) Application, Add	2.92	
02 83 19 13-0065 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material.....	35.00	
For 0.025" (25 mil) Application, Add	1.95	
For 0.03" (30 mil) Application, Add	3.05	
02 83 19 13-0066 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material.....	36.81	
For 0.025" (25 mil) Application, Add	2.04	
For 0.03" (30 mil) Application, Add	3.19	
02 83 19 13-0067 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material.....	38.50	
For 0.025" (25 mil) Application, Add	2.13	
For 0.03" (30 mil) Application, Add	3.31	
02 83 19 13-0068 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material.....	39.37	
For 0.025" (25 mil) Application, Add	2.17	
For 0.03" (30 mil) Application, Add	3.38	
02 83 19 13-0069 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material.....	40.25	
For 0.025" (25 mil) Application, Add	2.21	
For 0.03" (30 mil) Application, Add	3.44	
02 83 19 13-0070 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material.....	41.09	
For 0.025" (25 mil) Application, Add	2.25	
For 0.03" (30 mil) Application, Add	3.51	
02 83 19 13-0071 SF Metal Stairs, Chemical Stripping Of Lead Contaminated Material.....	54.36	
For 0.025" (25 mil) Application, Add	3.12	
For 0.03" (30 mil) Application, Add	4.93	
For 0.125" (125 mil) Application, Add	25.59	
02 83 19 13-0072 LF Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material.....	9.48	
For 0.025" (25 mil) Application, Add	0.62	
For 0.03" (30 mil) Application, Add	1.03	
For 0.125" (125 mil) Application, Add	6.87	
02 83 19 13-0073 SF Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material.....	27.68	
Note: The unit of measure "SF" is measured for "Length x Height". Work includes both sides of railing.		
For 0.025" (25 mil) Application, Add	1.68	
For 0.03" (30 mil) Application, Add	2.71	
For 0.125" (125 mil) Application, Add	15.92	
02 83 19 13-0074 SF Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material.....	30.23	
For 0.025" (25 mil) Application, Add	1.76	
For 0.03" (30 mil) Application, Add	2.80	
For 0.125" (125 mil) Application, Add	15.06	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

## 02 83 19 13-0075

## Demolish Lead Contaminated Material (02 83 19 13)

Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0076	SF	Demolish Ceiling Suspension System, Lead Contaminated Material .....	2.38
02 83 19 13-0077	SF	Demolish Plaster Or Stucco, And Lath, Lead Contaminated Material.....	3.93
02 83 19 13-0078	SF	Demolish Walls, Gypsum Board, Lead Contaminated Material .....	1.52
02 83 19 13-0079	SF	Demolish Suspended Ceiling System And Tile, Lead Contaminated Material .....	1.39
02 83 19 13-0080	SF	Demolish Acoustical Ceiling Tile, Lead Contaminated Material .....	0.88
02 83 19 13-0081	SF	Demolish Metal Pan Grid System, Lead Contaminated Material .....	1.38
02 83 19 13-0082	EA	Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material .....	66.43
02 83 19 13-0083	EA	Demolish >2' x 4' Light Fixtures, Lead Contaminated Material .....	88.13
02 83 19 13-0084	SF	Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material .....	9.84
02 83 19 13-0085	SF	Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material .....	5.51
02 83 19 13-0086	SF	Demolish Brick, Lead Contaminated Material .....	4.15
02 83 19 13-0087	SF	Demolish Concrete Block, Lead Contaminated Material.....	5.35
02 83 19 13-0088	SF	Demolish Tile, Lead Contaminated Material .....	4.02
02 83 19 13-0089	SF	Demolish Up To 6" Concrete, Lead Contaminated Material .....	6.05
02 83 19 13-0090	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth .....	4.72
02 83 19 13-0091	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth.....	6.30
02 83 19 13-0092	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material.....	6.89
02 83 19 13-0093	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material .....	1.80
02 83 19 13-0094	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material.....	2.25
02 83 19 13-0095	LF	Demolish Base Shoe Molding, Lead Contaminated Material .....	1.46
02 83 19 13-0096	SF	Demolish Concrete, Lead Contaminated Material .....	13.71
02 83 19 13-0097	LF	Demolish Cabinets, Lead Contaminated Material.....	31.92
02 83 19 13-0098	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material .....	1.81
02 83 19 13-0099	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material .....	17.69
02 83 19 13-0100	SF	Demolish Cornice, Lead Contaminated Material.....	2.35
02 83 19 13-0101	EA	Demolish Doors, Lead Contaminated Material .....	69.25
02 83 19 13-0102	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material .....	2.11
02 83 19 13-0103	EA	Demolish Electrical Devices, Lead Contaminated Material.....	21.25
02 83 19 13-0104	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material .....	2.73
02 83 19 13-0105	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material .....	4.54
02 83 19 13-0106	SF	Demolish Wood Floors, Lead Contaminated Material.....	3.27
02 83 19 13-0107	SF	Demolish Grilles, Lead Contaminated Material.....	3.84
02 83 19 13-0108	EA	Demolish Hinges, Lead Contaminated Material.....	7.73
02 83 19 13-0109	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material .....	16.60
02 83 19 13-0110	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material.....	6.81
02 83 19 13-0111	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material .....	9.93
02 83 19 13-0112	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material.....	15.00
02 83 19 13-0113	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material.....	27.67
02 83 19 13-0114	EA	Demolish Radiators, Lead Contaminated Material.....	119.52
02 83 19 13-0115	EA	Demolish Shutters, Lead Contaminated Material.....	46.57
02 83 19 13-0116	SF	Demolish Siding, Lead Contaminated Material .....	1.85
02 83 19 13-0117	SF	Demolish Soffit, Lead Contaminated Material.....	1.58
02 83 19 13-0118	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material.....	4.31
02 83 19 13-0119	SF	Demolish Steel Beams, Lead Contaminated Material.....	5.07
02 83 19 13-0120	SF	Demolish Trusses, Lead Contaminated Material .....	6.65
02 83 19 13-0121	SF	Demolish Walls, Wood, Lead Contaminated Material .....	4.92
02 83 19 13-0122	SF	Demolish Windows, Lead Contaminated Material .....	16.53
02 83 19 13-0123	SF	Demolish Metal Stair, Lead Contaminated Material.....	7.92
02 83 19 13-0124	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material.....	5.82
02 83 19 13-0125	LF	Demolish Metal Railing And Posts, Lead Contaminated Material .....	9.50
02 83 19 13-0126	SF	Demolish Metal Picket Fence, Lead Contaminated Material.....	2.62
02 83 19 13-0127	SF	Demolish Plywood, Lead Contaminated Material .....	7.15
02 83 19 13-0128	SF	Demolish Planks (Various Sizes), Lead Contaminated Material.....	3.49
02 83 19 13-0129	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material.....	21.81
02 83 19 13-0130	SF	Demolish Ceramic Tile Block, Lead Contaminated Material .....	4.76
02 83 19 13-0131	LF	Demolish Metal Guard Rails, Lead Contaminated Material .....	13.09

## 02 83 19 13-0132

## Wet Sanding/Light Scraping Of Lead Contaminated Material (02 83 19 13)

Note: Remove loose, flaking lead-based paint to prepare for painting.

02 83 19 13-0133	SET	Up To 100 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting .....	697.99
02 83 19 13-0134	SF	>100 To 200 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting .....	8.64
02 83 19 13-0135	SF	>200 To 350 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting .....	6.18
02 83 19 13-0136	SF	>350 SF Painted Surface, Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting.....	3.48

## 02 83 19 13-0137

## Lead Abatement Encapsulation (02 83 19 13)

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0138	SF	Balustrades, Lead Abatement Encapsulation .....	6.10
02 83 19 13-0139	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation.....	6.00
02 83 19 13-0140	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation .....	8.15
02 83 19 13-0141	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation .....	3.94
02 83 19 13-0142	SF	Ornate Cabinets, Lead Abatement Encapsulation .....	8.79
02 83 19 13-0143	SF	Simple Design Cabinets, Lead Abatement Encapsulation .....	7.17
02 83 19 13-0144	SF	Drywall Ceilings, Lead Abatement Encapsulation.....	2.50
02 83 19 13-0145	SF	Wood Ceilings, Lead Abatement Encapsulation .....	3.02





<b>Existing Conditions</b>			<b>02</b>
<b>Facility Remediation</b>			<b>02 80</b>
<b>Lead Remediation</b>			<b>02 83</b>

02

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0146	SF		Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation .....	2.80	
02 83 19 13-0147	SF		Columns, Lead Abatement Encapsulation .....	4.75	
02 83 19 13-0148	SF		Doors, Lead Abatement Encapsulation .....	9.00	
02 83 19 13-0149	LF		Up To 2" Electrical Conduit, Lead Abatement Encapsulation .....	3.97	
02 83 19 13-0150	SF		Picket Fence (Brush), Lead Abatement Encapsulation .....	2.86	
02 83 19 13-0151	SF		Wood Floors (Roller), Lead Abatement Encapsulation .....	2.40	
02 83 19 13-0152	SF		Grilles, Vents, Lead Abatement Encapsulation .....	6.57	
02 83 19 13-0153	LF		Gutters And Downspouts, Lead Abatement Encapsulation .....	6.10	
02 83 19 13-0154	EA		Hangers, Lead Abatement Encapsulation .....	51.43	
02 83 19 13-0155	LF		Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	3.70	
02 83 19 13-0156	LF		>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	5.38	
02 83 19 13-0157	LF		>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	8.36	
02 83 19 13-0158	LF		>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation .....	12.35	
02 83 19 13-0159	EA		Radiators, Lead Abatement Encapsulation .....	134.77	
02 83 19 13-0160	EA		Up To 6' Shutters, Lead Abatement Encapsulation .....	191.58	
02 83 19 13-0161	SF		Siding, Lead Abatement Encapsulation .....	3.40	
02 83 19 13-0162	SF		Up To 12" Soffit, Lead Abatement Encapsulation .....	4.75	
02 83 19 13-0163	SF		Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation .....	3.94	
02 83 19 13-0164	SF		Steel Beams And Metal Decks, Lead Abatement Encapsulation .....	5.13	
02 83 19 13-0165	SF		Trusses, Lead Abatement Encapsulation .....	5.13	
02 83 19 13-0166	SF		Drywall Walls, Lead Abatement Encapsulation .....	2.23	
02 83 19 13-0167	SF		Wood Walls, Lead Abatement Encapsulation .....	2.73	
02 83 19 13-0168	EA		Window Without Grille, Lead Abatement Encapsulation .....	114.45	
02 83 19 13-0169	EA		Window With Grille, Lead Abatement Encapsulation .....	146.98	
02 83 19 13-0170	LF		Wood Door Frames And Trim, Lead Abatement Encapsulation .....	3.47	
02 83 19 13-0171	LF		Steel Lintels, Lead Abatement Encapsulation .....	3.99	

**02 83 33 Removal and Disposal of Material Containing Lead (02 83)****02 83 33 13 Lead-Based Paint Removal and Disposal (02 83 33)****02 83 33 13-0001 Remove Loose Dirt And Debris Containing Lead (02 83 33 13)**

02 83 33 13-0002	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent .....	0.28	
02 83 33 13-0003	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate .....	0.28	
02 83 33 13-0004	SF		High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting .....	1.38	

**02 83 43 Lead Contaminated Soil Fixation (02 83)****02 83 43 00-0001 Lead Contaminated Soil Fixation (02 83 43)**

02 83 43 00-0002	TON		MAECTITE Chemical Treatment For Lead Contaminated Soil .....	21.41	
Note: Includes chemical agent required to apply 1% dose to soil based on weight of disposed soil. 1% is the typical average dosage for lead contaminated soil. If, for example, a 1.5% dosage is required the quantity of disposed soil is multiplied by 1.5 (use 0.5% increments). Excludes mobilization, demobilization, on site tech support, soil mixing, soil loading, hauling and disposal. Includes treatability study.					
02 83 43 00-0003	EA		Mobilize MAECTITE Chemical Treatment Equipment .....	8,144.15	
Note: Includes truck, trailer, pumps, air compressor, tanks, hoses, tools, safety equipment and other equipment required to apply chemicals.					
02 83 43 00-0004	DAY		MAECTITE On Site Technician .....	1,295.22	
Note: Includes labor for chemical application.					
02 83 43 00-0005	TON		In Place MAECTITE And Soil Mixing With Minimal Obstructions .....	58.17	
Note: Excludes MAECTITE.					
02 83 43 00-0006	TON		In Place MAECTITE And Soil Mixing With Obstructions .....	97.73	
Note: Excludes MAECTITE.					

**02 84 Polychlorinated Biphenyl Remediation (02 80)****02 84 16 Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)****02 84 16 00-0001 Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)**

Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.					
02 84 16 00-0002	EA		Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling .....	9.29	

**02 84 16 00-0003 Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)**

Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.					
02 84 16 00-0004	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....	3.28	
02 84 16 00-0005	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....	4.18	
02 84 16 00-0006	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....	9.87	
02 84 16 00-0007	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....	20.65	

**02 84 16 00-0008 Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)**

Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.					
02 84 16 00-0009	EA		Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....	5.97	



**02 Existing Conditions****02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....	8.22
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures .....	25.37
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures .....	49.25

**02 84 33 Removal and Disposal of Polychlorinated Biphenyls (02 84)****02 84 33 00-0001 Removal And Disposal Of Polychlorinated Biphenyls Oil Filled****Transformers (02 84 33)**

Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.

02 84 33 00-0002	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB) .....	5,480.46
		Note: Includes disposal costs.	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB) .....	8,662.79
		Note: Includes disposal costs.	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB) .....	2,247.78
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB) .....	10,563.76
		Note: Includes disposal costs.	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB) .....	4,074.66
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB) .....	16,743.08
		Note: Includes disposal costs.	

**02 87 Bio-Hazard Material Remediation (02 80)**

See CSI section 01 74 19 00-0043 for hauling in excess of 25 miles to transfer or disposal site.

**02 87 13 Mold Remediation (02 87)**

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0001 for temporary stud walls, 01 74 19 00-0064 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting for containment construction, 02 89 00 00-0010 for decontamination chambers.

**02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)****02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)**

Note: Treat fittings as additional lf of insulation.

**02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)**

Note: Diameter is outer size of insulation.

**02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)**

Note: Excludes encased fittings.

02 87 13 33-0004	SET	Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	837.13
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	32.48
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	24.49
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	18.50
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	14.00
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	12.24

**02 87 13 33-0010 >6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)**

02 87 13 33-0011	SET	Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	867.86
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	38.82
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	29.63
02 87 13 33-0014	LF	>500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	22.73
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	17.55
02 87 13 33-0016	LF	>10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal .....	15.54

**02 87 13 33-0017 Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)****02 87 13 33-0018 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)**

02 87 13 33-0019	SET	Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal .....	852.49
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal .....	18.89
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal .....	14.29
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal .....	10.85
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal .....	8.43

**02 87 13 33-0024 Surfacing Material, Mold Abatement And Disposal (02 87 13 33)**

Note: e.g. fireproofing, acoustical plaster, etc.

**02 87 13 33-0025 Stucco, Mold Abatement And Disposal (02 87 13 33-0024)**

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

02 87 13 33-0026	SET	Up To 50 SF, Stucco, Mold Abatement And Disposal .....	843.96
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal .....	18.72
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal .....	14.12
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal .....	10.68
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal .....	8.11



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0031	<b>Acoustical Plaster, Mold Abatement And Disposal</b> (02 87 13 33-0024)	Note: Remove surface coat from brown coat or remove entire assembly, including lath.		
02 87 13 33-0032	SET Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal .....		843.96	
02 87 13 33-0033	SF >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal .....		18.72	
02 87 13 33-0034	SF >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal .....		14.12	
02 87 13 33-0035	SF >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....		10.68	
02 87 13 33-0036	SF >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal.....		8.11	
02 87 13 33-0037	<b>Gypsum Board, Mold Abatement And Disposal</b> (02 87 13 33-0024)			
02 87 13 33-0038	SET Up To 100 SF, Gypsum Board, Mold Abatement And Disposal .....		861.04	
02 87 13 33-0039	SF >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal .....		6.28	
02 87 13 33-0040	SF >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal .....		4.99	
02 87 13 33-0041	SF >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal .....		3.96	
02 87 13 33-0042	SF >10,000 SF, Gypsum Board, Mold Abatement And Disposal .....		2.93	
02 87 13 33-0043	<b>Fireproofing, Mold Abatement And Disposal</b> (02 87 13 33-0024)	Note: Exposed surface area, includes associated overspray.		
02 87 13 33-0044	SET Up To 50 SF, Fireproofing, Mold Abatement And Disposal .....		852.49	
02 87 13 33-0045	SF >50 To 500 SF, Fireproofing, Mold Abatement And Disposal .....		25.83	
02 87 13 33-0046	SF >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal .....		19.53	
02 87 13 33-0047	SF >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal .....		14.77	
02 87 13 33-0048	SF >10,000 SF, Fireproofing, Mold Abatement And Disposal .....		11.21	
02 87 13 33-0049	<b>Flooring, Mold Abatement And Disposal</b> (02 87 13 33)	Note: Includes cove base.		
02 87 13 33-0050	<b>Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 87 13 33-0049)			
02 87 13 33-0051	<b>Floor Tile Or Linoleum, Mold Abatement And Disposal</b> (02 87 13 33-0050)	Note: Single layer or first of multiple layers.		
02 87 13 33-0052	SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....		861.04	
02 87 13 33-0053	SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....		6.25	
	<i>For Each Additional Layer, Add</i>		1.56	
02 87 13 33-0054	SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....		3.52	
	<i>For Each Additional Layer, Add</i>		0.88	
02 87 13 33-0055	SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal.....		2.06	
	<i>For Each Additional Layer, Add</i>		0.52	
02 87 13 33-0056	SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal .....		1.61	
	<i>For Each Additional Layer, Add</i>		0.40	
02 87 13 33-0057	<b>Carpet, Mold Abatement And Disposal</b> (02 87 13 33-0049)			
02 87 13 33-0058	<b>Carpet, Glue Down, Mold Abatement And Disposal</b> (02 87 13 33-0057)			
02 87 13 33-0059	SET Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal .....		861.04	
02 87 13 33-0060	SF >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal .....		5.20	
02 87 13 33-0061	SF >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal .....		3.29	
02 87 13 33-0062	SF >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....		2.22	
02 87 13 33-0063	SF >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal.....		1.72	
02 87 13 33-0064	<b>Carpet, Padded With Tack Strips, Mold Abatement And Disposal</b> (02 87 13 33-0057)			
02 87 13 33-0065	SET Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal .....	Note: Includes tack strips.	861.04	
02 87 13 33-0066	SF >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal .....	Note: Includes tack strips.	5.85	
02 87 13 33-0067	SF >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal .....	Note: Includes tack strips.	4.28	
02 87 13 33-0068	SF >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal .....	Note: Includes tack strips.	3.41	
02 87 13 33-0069	SF >10,000 SF, Carpet And Pad, Mold Abatement And Disposal.....	Note: Includes tack strips.	2.63	
02 87 13 33-0070	<b>Subflooring, Mold Abatement And Disposal</b> (02 87 13 33-0049)			
02 87 13 33-0071	SET Up To 75 SF, Subflooring, Mold Abatement And Disposal .....		852.49	
02 87 13 33-0072	SF >75 To 500 SF, Subflooring, Mold Abatement And Disposal .....		7.18	
02 87 13 33-0073	SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal .....		4.62	
02 87 13 33-0074	SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal.....		2.81	
02 87 13 33-0075	SF >10,000 SF, Subflooring, Mold Abatement And Disposal .....		1.82	
02 87 13 33-0076	<b>Siding, Mold Abatement And Disposal</b> (02 87 13 33)			
02 87 13 33-0077	<b>Interior Paneling, Mold Abatement And Disposal</b> (02 87 13 33-0076)	Note: Includes detachment of mounted objects before removal.		

**02 Existing Conditions****02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0078	SET		Up To 100 SF, Interior Paneling, Mold Abatement And Disposal ..... Note: Includes detachment of mounted objects before removal.	861.04	
02 87 13 33-0079	SF		>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal ..... Note: Includes detachment of mounted objects before removal.	6.23	
02 87 13 33-0080	SF		>500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal ..... Note: Includes detachment of mounted objects before removal.	4.39	
02 87 13 33-0081	SF		>2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal ..... Note: Includes detachment of mounted objects before removal.	2.59	
02 87 13 33-0082	SF		>10,000 SF, Interior Paneling, Mold Abatement And Disposal ..... Note: Includes detachment of mounted objects before removal.	2.00	
<b>02 87 13 33-0083</b>			<b>Exterior Siding, Mold Abatement And Disposal</b> (02 87 13 33-0076)		
02 87 13 33-0084	SET		Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal.....	861.04	
02 87 13 33-0085	SF		>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal .....	7.73	
02 87 13 33-0086	SF		>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal .....	5.38	
02 87 13 33-0087	SF		>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal .....	3.65	
02 87 13 33-0088	SF		>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal .....	3.29	
<b>02 87 13 33-0089</b>			<b>Contaminated Debris, Mold Abatement And Disposal</b> (02 87 13 33)		
<b>02 87 13 33-0090</b>			<b>Contaminated Debris, Mold Abatement And Disposal</b> (02 87 13 33-0089)		
02 87 13 33-0091	SET		Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	867.86	
02 87 13 33-0092	CF		>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal .....	30.65	
02 87 13 33-0093	CF		>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal .....	21.12	
02 87 13 33-0094	CF		>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal .....	16.34	
02 87 13 33-0095	CF		>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal .....	13.49	
02 87 13 33-0096	CF		>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal .....	8.30	
02 87 13 33-0097	CF		>10,000 CF, Contaminated Debris, Mold Abatement And Disposal .....	7.66	
<b>02 87 13 33-0098</b>			<b>Other Mold Containing Materials, Mold Abatement And Disposal</b> (02 87 13 33)		
<b>02 87 13 33-0099</b>			<b>Wood Studs, Mold Abatement And Disposal</b> (02 87 13 33-0098) Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET		Up To 100 LF, Wood Studs, Mold Abatement And Disposal .....	430.51	
02 87 13 33-0101	LF		>100 To 500 LF, Wood Studs, Mold Abatement And Disposal .....	3.50	
02 87 13 33-0102	LF		>500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal .....	2.61	
02 87 13 33-0103	LF		>2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal .....	2.04	
02 87 13 33-0104	LF		>10,000 LF, Wood Studs, Mold Abatement And Disposal .....	1.56	
<b>02 87 13 33-0105</b>			<b>Ceiling Tile, Mold Abatement And Disposal</b> (02 87 13 33-0098) Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET		Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	861.04	
02 87 13 33-0107	SF		>100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	10.68	
02 87 13 33-0108	SF		>1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal .....	5.05	
02 87 13 33-0109	SF		>2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	3.65	
02 87 13 33-0110	SF		>10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	3.60	
02 87 13 33-0111	SF		>25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	3.52	
02 87 13 33-0112	SF		>50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	3.10	
02 87 13 33-0113	SF		>100,000 SF, Ceiling Tile, Mold Abatement And Disposal .....	2.71	
<b>02 87 13 33-0114</b>			<b>Caulking, Mold Abatement And Disposal</b> (02 87 13 33-0098)		
02 87 13 33-0115	SET		Up To 20 LF, Caulking, Mold Abatement And Disposal.....	207.29	
02 87 13 33-0116	LF		>20 To 50 LF, Caulking, Mold Abatement And Disposal .....	4.17	
02 87 13 33-0117	LF		>50 To 100 LF, Caulking, Mold Abatement And Disposal .....	2.98	
02 87 13 33-0118	LF		>100 To 250 LF, Caulking, Mold Abatement And Disposal .....	2.27	
02 87 13 33-0119	LF		>250 To 1,000 LF, Caulking, Mold Abatement And Disposal .....	1.69	
02 87 13 33-0120	LF		>1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	1.37	
02 87 13 33-0121	LF		>2,500 LF, Caulking, Mold Abatement And Disposal.....	1.18	
<b>02 87 13 33-0122</b>			<b>Wipe Down Walls, Ceilings And Floors</b> (02 87 13 33-0098)		
02 87 13 33-0123	CSF		Wipe Down Floors With Mild Bleach Solution.....	22.98	
			For >25 To 50, Deduct	-2.30	
			For >50 To 200, Deduct	-5.74	
			For >200, Deduct	-9.18	
02 87 13 33-0124	CSF		Wipe Down Walls With Mild Bleach Solution .....	27.04	
			For >25 To 50, Deduct	-2.70	
			For >50 To 200, Deduct	-6.76	
			For >200, Deduct	-10.81	
02 87 13 33-0125	CSF		Wipe Down Ceilings With Mild Bleach Solution .....	30.76	
			For >25 To 50, Deduct	-3.07	
			For >50 To 200, Deduct	-7.69	
			For >200, Deduct	-12.30	
02 87 13 33-0126	CSF		Wipe Down Countertops With Mild Bleach Solution .....	25.07	
			For >25 To 50, Deduct	-2.51	



<b>Existing Conditions</b>	<b>02</b>	<b>02</b>
<b>Facility Remediation</b>	<b>02 80</b>	
<b>Bio-Hazard Material Remediation</b>	<b>02 87</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

02 87 13 33-0127	CSF Wipe Down Other Surfaces With Mild Bleach Solution.....	31.82	
	<i>For &gt;25 To 50, Deduct</i>	-3.18	
	<i>For &gt;50 To 200, Deduct</i>	-7.95	
	<i>For &gt;200, Deduct</i>	-12.72	

**02 87 16 Excrement Removal (02 87)**

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

**02 87 16 13 Bird Excrement Removal (02 87 16)**

**02 87 16 13-0001 Bird Waste Removal (02 87 16 13)**

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA Up To 10 SF Bird Waste Removal, Up To 3" Thickness.....	826.88	
	<i>For Work In Restricted Working Space, Add</i>	248.06	
02 87 16 13-0003	SF >10 To 500 SF Bird Waste Removal, Up To 3" Thickness .....	13.78	
	<i>For Work In Restricted Working Space, Add</i>	4.13	
02 87 16 13-0004	SF >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness .....	12.53	
	<i>For Work In Restricted Working Space, Add</i>	3.76	
02 87 16 13-0005	SF >2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness .....	11.39	
	<i>For Work In Restricted Working Space, Add</i>	3.42	
02 87 16 13-0006	SF >10,000 SF Bird Waste Removal, Up To 3" Thickness .....	10.36	
	<i>For Work In Restricted Working Space, Add</i>	3.11	

**02 89 Hazmat Ancillary Tasks and Support (02 89)**

**02 89 00 00-0001 Barriers And Protection (02 89)**

Note: Includes removal and disposal after use.

**02 89 00 00-0002 Isolation Barriers (02 89 00 00-0001)**

See CSI section 01 56 16 00-0001 for temporary stud walls.

**02 89 00 00-0003 Hazmat Containment Construction Plastic Sheeting (02 89 00 00-0001)**

02 89 00 00-0004	SF 6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.51	
02 89 00 00-0005	SF 6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.67	
02 89 00 00-0006	SF 6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	0.89	
02 89 00 00-0007	SF 6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction .....	0.71	
02 89 00 00-0008	SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction .....	0.89	
02 89 00 00-0009	SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction .....	1.15	

**02 89 00 00-0010 Decontamination Chambers (02 89)**

Note: Includes removal after use.

02 89 00 00-0011	EA 3 Stage Portable Personnel Decontamination Wash Facility .....	1,024.50	
	<i>Note: Includes connection to negative air system.</i>		
02 89 00 00-0012	EA 5 Stage Portable Personnel Decontamination Wash Facility .....	1,207.31	
	<i>Note: Includes connection to negative air system.</i>		
02 89 00 00-0013	EA Portable Waste Decontamination Unit .....	623.75	
	<i>Note: Includes connection to negative air system.</i>		

**END OF SECTION 02**

<b>02</b>	<b>02</b>	<b>Existing Conditions</b>
	02 80	Facility Remediation
	02 89	Hazmat Ancillary Tasks and Support



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 03 Concrete

### 03 01 Maintenance of Concrete <sup>(03)</sup>

#### 03 01 30 Maintenance of Cast-In-Place Concrete <sup>(03 01)</sup>

##### 03 01 30 51 Cleaning of Cast-In-Place Concrete <sup>(03 01 30)</sup>

See CSI section 09 01 90 52-0002 for cleaning of concrete surfaces.

##### 03 01 30 51-0001 Abrasive Blasting <sup>(03 01 30 51)</sup>

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF	Concrete Floors, Abrasive Shot (Bead) Blasting.....	4.11
		<i>For Up To 100, Add</i>	3.64
		<i>For &gt;100 To 250, Add</i>	0.91
		<i>For &gt;250 To 500, Add</i>	0.46
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09
		<i>For &gt;10,000, Deduct</i>	-0.18
03 01 30 51-0003	SF	Concrete Walls, Abrasive Shot (Bead) Blasting.....	5.92
		<i>For Up To 100, Add</i>	7.26
		<i>For &gt;100 To 250, Add</i>	1.82
		<i>For &gt;250 To 500, Add</i>	0.91
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18
		<i>For &gt;10,000, Deduct</i>	-0.36

##### 03 01 30 71 Rehabilitation of Cast-In-Place Concrete <sup>(03 01 30)</sup>

##### 03 01 30 71-0001 Concrete Resurfacing/Repair <sup>(03 01 30 71)</sup>

See CSI section 09 01 90 52-0002 for surface preparation as required.

##### 03 01 30 71-0002 Concrete Floor Resurfacing <sup>(03 01 30 71-0001)</sup>

03 01 30 71-0003	SF	Up To 1" Concrete Surface Patch/Repair .....	16.77
03 01 30 71-0004	SF	> 1" To 2" Concrete Surface Patch/Repair .....	23.35
03 01 30 71-0005	SF	> 2" To 3" Concrete Surface Patch/Repair .....	30.75
03 01 30 71-0006	SF	> 3" To 4" Concrete Surface Patch/Repair .....	43.22
03 01 30 71-0007	SF	1/4" Interior Floor Self-leveling, Colored Cementitious Topping .....	5.41
03 01 30 71-0008	SF	1/2" Interior Floor Self-leveling, Colored Cementitious Topping .....	7.34
03 01 30 71-0009	SF	1" Interior Floor Self-leveling, Colored Cementitious Topping .....	13.49

##### 03 01 30 71-0010 Concrete Repair <sup>(03 01 30 71-0001)</sup>

##### 03 01 30 71-0011 Decks Or Floors <sup>(03 01 30 71-0010)</sup>

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0012	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar .....	8.14
03 01 30 71-0013	SF	Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar .....	24.94
03 01 30 71-0014	SF	Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate) .....	0.71

##### 03 01 30 71-0015 Verticals Or Overheads <sup>(03 01 30 71-0010)</sup>

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0016	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar .....	12.23
03 01 30 71-0017	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar .....	34.64
03 01 30 71-0018	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar .....	38.87
03 01 30 71-0019	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound .....	10.31
03 01 30 71-0020	SF	Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound .....	18.07

Note: Rapid Set - WunderFixx

##### 03 01 30 71-0021 Crack Repair For Concrete <sup>(03 01 30 71-0001)</sup>

##### 03 01 30 71-0022 Non-Structural Crack Repair For Concrete <sup>(03 01 30 71-0021)</sup>

##### 03 01 30 71-0023 Surface Applied, Non-Structural Crack Repair For Concrete <sup>(03 01 30 71-0022)</sup>

Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.

03 01 30 71-0024	LF	Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	7.61
		<i>For V-Grooving Crack With Grinder, Add</i>	6.09
03 01 30 71-0025	LF	>1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal).....	9.94
		<i>For V-Grooving Crack With Grinder, Add</i>	5.95
03 01 30 71-0026	LF	Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	7.75
		<i>For V-Grooving Crack With Grinder, Add</i>	6.09
03 01 30 71-0027	LF	>1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair).....	10.22
		<i>For V-Grooving Crack With Grinder, Add</i>	5.95
03 01 30 71-0028	LF	Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant).....	8.27
		<i>For V-Grooving Crack With Grinder, Add</i>	6.09



**03 Concrete****03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0029 LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant) .....	11.26	
<i>For V-Grooving Crack With Grinder, Add</i>	5.95	
03 01 30 71-0030 LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix) .....	8.65	
<i>For V-Grooving Crack With Grinder, Add</i>	6.09	
03 01 30 71-0031 LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix) .....	12.01	
<i>For V-Grooving Crack With Grinder, Add</i>	5.95	
<b>03 01 30 71-0032 Pressure Injected, Non-Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0022)</small> Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0033 LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570) .....	32.53	
<i>For Cracks Accessible From Both Sides, Add</i>	6.62	
<b>03 01 30 71-0034 Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0021)</small>		
<b>03 01 30 71-0035 Surface Applied, Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0034)</small> Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0036 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35) .....	8.74	
<i>For V-Grooving Crack With Grinder, Add</i>	6.09	
03 01 30 71-0037 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35) .....	12.20	
<i>For V-Grooving Crack With Grinder, Add</i>	5.95	
03 01 30 71-0038 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52) .....	8.54	
<i>For V-Grooving Crack With Grinder, Add</i>	6.09	
03 01 30 71-0039 LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52) .....	11.80	
<i>For V-Grooving Crack With Grinder, Add</i>	5.95	
03 01 30 71-0040 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix) .....	10.22	
<i>For V-Grooving Crack With Grinder, Add</i>	6.09	
03 01 30 71-0041 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix) .....	15.17	
<i>For V-Grooving Crack With Grinder, Add</i>	5.95	
<b>03 01 30 71-0042 Pressure Injected, Structural Crack Repair For Concrete</b> <small>(03 01 30 71-0034)</small> Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0043 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35) .....	28.48	
<i>For Cracks Accessible From Both Sides, Add</i>	6.62	
03 01 30 71-0044 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52) .....	28.28	
<i>For Cracks Accessible From Both Sides, Add</i>	6.62	
<b>03 01 30 71-0045 Concrete Rehabilitation</b> <small>(03 01 30 71)</small>		
<b>03 01 30 71-0046 Corrosive Inhibitor</b> <small>(03 01 30 71-0045)</small>		
03 01 30 71-0047 SF Corrosive Inhibitor .....	1.75	
<b>03 01 30 71-0048 Concrete Repair, Bonding And Coating</b> <small>(03 01 30 71)</small>		
<b>03 01 30 71-0049 Liquid Mineral Coats</b> <small>(03 01 30 71-0048)</small> Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0050 SF Concretal System / Primer, Base And Finish .....	2.27	
03 01 30 71-0051 SF Concretal Grob/Primer, Base And Concretal Finish .....	2.62	
03 01 30 71-0052 SF Concretal Lasur - System / Base And Stain Finish .....	2.23	
<i>For Translucent Finish, Add</i>	0.56	
<b>03 01 30 71-0053 Concrete Repair System</b> <small>(03 01 30 71-0048)</small> Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0054 SF Concrete Cleaner And Remover .....	0.45	
03 01 30 71-0055 SF Chlor-Rid - Salt Remover .....	0.40	
03 01 30 71-0056 SF Concretal Bonding Agent .....	0.66	
<b>03 01 30 71-0057 Concrete Corrosion Protective Coating</b> <small>(03 01 30 71-0048)</small> Note: As manufactured by Keim Mineral Systems or equal.		
03 01 30 71-0058 SF Concretal Corrosion Protector Coating .....	0.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**03 01 30 72    Strengthening Of Cast-in-Place Concrete** (03 01 30)

**03 01 30 72-0001    Concrete Surface Repairs** (03 01 30 72)

03 01 30 72-0002    SF    Sound The Concrete Surface To Locate Delaminated Areas .....	0.48	
--	------	--

**03 05    Common Work Results For Concrete** (03)

**03 05 13    Concrete Admixtures** (03 05)

**03 05 13 00-0001    Concrete Admixtures** (03 05 13)

03 05 13 00-0002    CY    Low Range Water Reducing (LRWR), Type A Concrete Admixture .....	8.61
03 05 13 00-0003    CY    Set Retarding, Type B Concrete Admixture .....	5.96
03 05 13 00-0004    CY    1% Calcium Chloride Accelerating, Type C Concrete Admixture .....	9.27
03 05 13 00-0005    CY    2% Calcium Chloride Accelerating, Type C Concrete Admixture .....	18.54
03 05 13 00-0006    CY    1% Non-Chloride Accelerating, Type C Concrete Admixture .....	16.55
03 05 13 00-0007    CY    2% Non-Chloride Accelerating, Type C Concrete Admixture .....	33.10
03 05 13 00-0008    CY    1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....	7.15
03 05 13 00-0009    CY    2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture .....	13.94
03 05 13 00-0010    CY    1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....	9.93
03 05 13 00-0011    CY    2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture .....	19.86
03 05 13 00-0012    CY    Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture .....	6.62
03 05 13 00-0013    CY    High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture .....	15.89
03 05 13 00-0014    CY    1 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture .....	14.12
03 05 13 00-0015    CY    1-1/2 Lb./CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture .....	21.18
03 05 13 00-0016    CY    25 Lb./CY Steel Fibers, Concrete Admixture .....	47.69
03 05 13 00-0017    CY    10% Microsilica (Silica Fume), Concrete Admixture .....	105.92
03 05 13 00-0018    CY    Corrosion Inhibiting Concrete Admixture .....	39.72
03 05 13 00-0019    CY    Winter Service Or Heat, Concrete Add .....	21.18
03 05 13 00-0020    CY    Chilled Water, Concrete Add .....	21.18
03 05 13 00-0021    CY    Subtle Color (See Davis Colors Color Card), Concrete Admixture .....	37.77
03 05 13 00-0022    CY    Standard Color (See Davis Colors Color Card), Concrete Admixture .....	62.95
03 05 13 00-0023    CY    Premium Color (See Davis Colors Color Card), Concrete Admixture .....	120.86
03 05 13 00-0024    CY    Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture .....	167.86

**03 10    Concrete Forming and Accessories** (03)

**03 11    Concrete Forming** (03 10)

**03 11 13    Structural Cast-In-Place Concrete Forming** (03 11)

Note: Per square foot of formwork.

**03 11 13 00-0001    Wood Formwork** (03 11 13)

Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.

**03 11 13 00-0002    Foundation Wood Formwork** (03 11 13 00-0001)

Note: For foundation work below or at grade.

03 11 13 00-0003    SF    Continuous Footings Foundation Wood Formwork .....	8.74
<i>For &lt;1,000, Add</i>	1.64
<i>For Foundations &gt;8' Below Grade, Add</i>	1.59
<i>For Curved Formwork, Add</i>	3.18
03 11 13 00-0004    SF    Pile Cap, Pier Or Spread Footings Foundation Wood Formwork .....	10.42
<i>For &lt;1,000, Add</i>	1.97
<i>For Foundations &gt;8' Below Grade, Add</i>	1.92
<i>For Curved Formwork, Add</i>	3.84
03 11 13 00-0005    SF    Mat Foundation Wood Formwork .....	12.08
<i>For &lt;1,000, Add</i>	2.31
<i>For Foundations &gt;8' Below Grade, Add</i>	2.26
<i>For Curved Formwork, Add</i>	4.52
03 11 13 00-0006    SF    Grade Beams Or Duct Bank Foundation Wood Formwork .....	10.00
<i>For &lt;1,000, Add</i>	1.90
<i>For Foundations &gt;8' Below Grade, Add</i>	1.85
<i>For Curved Formwork, Add</i>	3.69
03 11 13 00-0007    SF    Below Grade Walls Foundation Wood Formwork .....	14.18
Note: Excludes footing	
<i>For &lt;1,000, Add</i>	2.69
<i>For Foundations &gt;8' Below Grade, Add</i>	2.61
<i>For Curved Formwork, Add</i>	5.22
03 11 13 00-0008    Slab Edge And Block-Out Wood Formwork <small>(03 11 13 00-0001)</small> .....	6.76
03 11 13 00-0009    LF    Up To 6" High Slab Edge and Block-Out Wood Formwork .....	1.27
<i>For Foundations &gt;8' Below Grade, Add</i>	2.54
<i>For Curved Formwork, Add</i>	1.30
<i>For Up To 250, Add</i>	1.30
03 11 13 00-0010    LF    >6" To 12" High Slab Edge and Block-Out Wood Formwork .....	9.65
<i>For Foundations &gt;8' Below Grade, Add</i>	1.77
<i>For Curved Formwork, Add</i>	3.53
<i>For Up To 250, Add</i>	1.82

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 11 13 00-0011	SF >12" High Slab Edge and Block-Out Wood Formwork..... <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	12.44 2.29 4.58 2.36	
<b>03 11 13 00-0012</b>	<b>Column Wood Formwork</b> (03 11 13 00-0001)		
03 11 13 00-0013	LF Up To 8" Square Column Wood Formwork.....	52.15	
03 11 13 00-0014	LF >8" To 12" Square Column Wood Formwork.....	75.90	
03 11 13 00-0015	LF >12" To 18" Square Column Wood Formwork.....	95.52	
03 11 13 00-0016	LF >18" To 24" Square Column Wood Formwork.....	137.22	
03 11 13 00-0017	LF >24" To 36" Square Column Wood Formwork.....	196.99	
03 11 13 00-0018	LF >36" To 48" Square Column Wood Formwork.....	260.47	
<b>03 11 13 00-0019</b>	<b>Above Grade Wall Wood Formwork</b> (03 11 13 00-0001)		
03 11 13 00-0020	SF Up To 8' High Above Grade Wall Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	15.87 5.90 3.02	
03 11 13 00-0021	SF >8' High Above Grade Wall Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	18.80 7.00 3.59	
<b>03 11 13 00-0022</b>	<b>Elevated Beam Wood Formwork</b> (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF Bottom of Elevated Beam Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	20.91 7.70 3.96	
03 11 13 00-0024	SF Vertical Sides of Elevated Beam Wood Formwork..... <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	13.17 4.91 2.51	
<b>03 11 13 00-0025</b>	<b>Elevated Slab Wood Formwork</b> (03 11 13 00-0001) Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF Elevated Slab Wood Formwork..... <i>For &lt;1,000, Add</i>	12.35 2.27	
<b>03 11 13 00-0027</b>	<b>Metal Framed Formwork</b> (03 11 13) Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
<b>03 11 13 00-0028</b>	<b>Foundation Metal Framed Formwork</b> (03 11 13 00-0027) Note: For foundation work below or at grade.		
03 11 13 00-0029	SF Continuous Footings Foundation Metal Framed Formwork..... <i>For &lt;1,000, Add</i> <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	8.17 1.50 1.43 2.86	
03 11 13 00-0030	SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork..... <i>For &lt;1,000, Add</i> <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	9.05 1.67 1.60 3.21	
03 11 13 00-0031	SF Mat Foundation Metal Framed Formwork..... <i>For &lt;1,000, Add</i> <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	10.14 1.86 1.77 3.54	
03 11 13 00-0032	SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork..... <i>For &lt;1,000, Add</i> <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	8.56 1.56 1.49 2.97	
03 11 13 00-0033	SF Below Grade Walls Foundation Metal Framed Formwork..... Note: Excludes footing. <i>For &lt;1,000, Add</i> <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i>	13.04 2.42 2.33 4.66	
<b>03 11 13 00-0034</b>	<b>Slab Edge And Block-Out Metal Framed Formwork</b> (03 11 13 00-0027)		
03 11 13 00-0035	LF Up To 6" High Slab Edge and Block-Out Metal Framed Formwork..... <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For &lt;250, Add</i>	5.92 1.15 2.31 1.16	
03 11 13 00-0036	LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork..... <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For &lt;250, Add</i>	7.41 1.43 2.87 1.45	
03 11 13 00-0037	SF >12" High Slab Edge and Block-Out Metal Framed Formwork..... <i>For Foundations &gt;8' Below Grade, Add</i> <i>For Curved Formwork, Add</i> <i>For &lt;1,000, Add</i>	8.21 1.59 3.17 1.60	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0038	Column Metal Framed Formwork <small>(03 11 13 00-0027)</small>		
03 11 13 00-0039	Square Columns <small>(03 11 13 00-0038)</small>		
03 11 13 00-0040	LF Up To 12" Square Column Metal Framed Formwork .....	50.76	
03 11 13 00-0041	LF >12" To 16" Square Column Metal Framed Formwork .....	61.36	
03 11 13 00-0042	LF >16" To 20" Square Column Metal Framed Formwork .....	71.98	
03 11 13 00-0043	LF >20" To 24" Square Column Metal Framed Formwork .....	86.00	
03 11 13 00-0044	LF >24" To 30" Square Column Metal Framed Formwork .....	103.62	
03 11 13 00-0045	LF >30" To 36" Square Column Metal Framed Formwork .....	124.42	
03 11 13 00-0046	LF >36" To 48" Square Column Metal Framed Formwork .....	159.65	
03 11 13 00-0047	LF >48" To 60" Square Column Metal Framed Formwork .....	196.93	
03 11 13 00-0048	Round Columns <small>(03 11 13 00-0038)</small>		
03 11 13 00-0049	LF Up To 12" Diameter Column Metal Formwork .....	50.18	
03 11 13 00-0050	LF >12" To 16" Diameter Column Metal Formwork .....	55.79	
03 11 13 00-0051	LF >16" To 20" Diameter Column Metal Formwork .....	64.01	
03 11 13 00-0052	LF >20" To 24" Diameter Column Metal Formwork .....	74.59	
03 11 13 00-0053	LF >24" To 30" Diameter Column Metal Formwork .....	88.03	
03 11 13 00-0054	LF >30" To 36" Diameter Column Metal Formwork .....	100.80	
03 11 13 00-0055	LF >36" To 48" Diameter Column Metal Formwork .....	130.76	
03 11 13 00-0056	LF >48" To 60" Diameter Column Metal Formwork .....	170.90	
03 11 13 00-0057	Above Grade Wall Metal Framed Formwork <small>(03 11 13 00-0027)</small>		
03 11 13 00-0058	SF Up to 8' High Above Grade Wall Metal Framed Formwork .....	8.03	
	<i>For Curved Formwork, Add</i>	2.65	
	<i>For &lt;1,000, Add</i>	1.42	
03 11 13 00-0059	SF >8' High Above Grade Wall Metal Framed Formwork .....	9.81	
	<i>For Curved Formwork, Add</i>	3.20	
	<i>For &lt;1,000, Add</i>	1.72	
03 11 13 00-0060	Elevated Beam Metal Framed Formwork <small>(03 11 13 00-0027)</small>		
	Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061	SF Bottom of Elevated Beam Metal Framed Formwork .....	8.07	
	<i>For Curved Formwork, Add</i>	2.49	
	<i>For &lt;1,000, Add</i>	1.37	
03 11 13 00-0062	SF Vertical Sides of Elevated Beam Metal Framed Formwork .....	5.99	
	<i>For Curved Formwork, Add</i>	1.95	
	<i>For &lt;1,000, Add</i>	1.05	
03 11 13 00-0063	Elevated Slab Metal Framed Formwork <small>(03 11 13 00-0027)</small>		
	Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0064	SF Elevated Slab Metal Framed Formwork .....	11.10	
	<i>For &lt;1,000, Add</i>	1.67	
03 11 13 00-0065	Fiber Tube Formwork <small>(03 11 13)</small>		
	Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066	Round Column Fiber Tube Formwork <small>(03 11 13 00-0065)</small>		
03 11 13 00-0067	LF 6" Diameter Round Fiber Tube Formwork .....	21.10	
	<i>For Plastic Lined, Add</i>	0.83	
	<i>For Columns &gt;12' In Length, Add</i>	2.11	
03 11 13 00-0068	LF 8" Diameter Round Fiber Tube Formwork .....	22.29	
	<i>For Plastic Lined, Add</i>	0.99	
	<i>For Columns &gt;12' In Length, Add</i>	2.23	
03 11 13 00-0069	LF 10" Diameter Round Fiber Tube Formwork .....	24.79	
	<i>For Plastic Lined, Add</i>	1.19	
	<i>For Columns &gt;12' In Length, Add</i>	2.48	
03 11 13 00-0070	LF 12" Diameter Round Fiber Tube Formwork .....	30.73	
	<i>For Plastic Lined, Add</i>	2.11	
	<i>For Columns &gt;12' In Length, Add</i>	3.07	
03 11 13 00-0071	LF 14" Diameter Round Fiber Tube Formwork .....	34.54	
	<i>For Plastic Lined, Add</i>	2.67	
	<i>For Columns &gt;12' In Length, Add</i>	3.45	
03 11 13 00-0072	LF 16" Diameter Round Fiber Tube Formwork .....	37.66	
	<i>For Plastic Lined, Add</i>	3.33	
	<i>For Columns &gt;12' In Length, Add</i>	3.77	
03 11 13 00-0073	LF 18" Diameter Round Fiber Tube Formwork .....	40.56	
	<i>For Plastic Lined, Add</i>	3.89	
	<i>For Columns &gt;12' In Length, Add</i>	4.06	
03 11 13 00-0074	LF 20" Diameter Round Fiber Tube Formwork .....	46.26	
	<i>For Plastic Lined, Add</i>	5.29	
	<i>For Columns &gt;12' In Length, Add</i>	4.63	
03 11 13 00-0075	LF 22" Diameter Round Fiber Tube Formwork .....	48.41	
	<i>For Plastic Lined, Add</i>	5.51	
	<i>For Columns &gt;12' In Length, Add</i>	4.84	
03 11 13 00-0076	LF 24" Diameter Round Fiber Tube Formwork .....	50.86	
	<i>For Plastic Lined, Add</i>	5.81	
	<i>For Columns &gt;12' In Length, Add</i>	5.09	

**03 Concrete****03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0077	LF		26" Diameter Round Fiber Tube Formwork .....	52.96	
			<i>For Plastic Lined, Add</i> .....	6.27	
			<i>For Columns &gt;12' In Length, Add</i> .....	5.30	
03 11 13 00-0078	LF		28" Diameter Round Fiber Tube Formwork .....	55.06	
			<i>For Plastic Lined, Add</i> .....	6.73	
			<i>For Columns &gt;12' In Length, Add</i> .....	5.51	
03 11 13 00-0079	LF		30" Diameter Round Fiber Tube Formwork .....	57.16	
			<i>For Plastic Lined, Add</i> .....	7.19	
			<i>For Columns &gt;12' In Length, Add</i> .....	5.72	
03 11 13 00-0080	LF		36" Diameter Round Fiber Tube Formwork .....	66.09	
			<i>For Plastic Lined, Add</i> .....	9.25	
			<i>For Columns &gt;12' In Length, Add</i> .....	6.61	
03 11 13 00-0081	LF		42" Diameter Round Fiber Tube Formwork .....	104.35	
			<i>For Plastic Lined, Add</i> .....	20.28	
			<i>For Columns &gt;12' In Length, Add</i> .....	10.44	
03 11 13 00-0082	LF		48" Diameter Round Fiber Tube Formwork .....	127.20	
			<i>For Plastic Lined, Add</i> .....	26.69	
			<i>For Columns &gt;12' In Length, Add</i> .....	12.72	
03 11 13 00-0083	LF		54" Diameter Round Fiber Tube Formwork .....	229.77	
			<i>For Plastic Lined, Add</i> .....	56.74	
			<i>For Columns &gt;12' In Length, Add</i> .....	22.98	
03 11 13 00-0084	LF		60" Diameter Round Fiber Tube Formwork .....	255.93	
			<i>For Plastic Lined, Add</i> .....	64.04	
			<i>For Columns &gt;12' In Length, Add</i> .....	25.59	
03 11 13 00-0085			<b>Accessories For Formwork</b> (03 11 13) .....		
03 11 13 00-0086			<b>Keyway Forms, All Materials</b> (03 11 13 00-0085) .....		
03 11 13 00-0087	LF		2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials .....	2.37	
03 11 13 00-0088			<b>Chamfer Strips, All Materials</b> (03 11 13 00-0085) .....		
03 11 13 00-0089	LF		1/2" Wide Chamfer Strips for Concrete Formwork, All Materials .....	2.50	
03 11 13 00-0090	LF		3/4" Wide Chamfer Strips for Concrete Formwork, All Materials .....	2.90	
03 11 13 00-0091	LF		1" Wide Chamfer Strips for Concrete Formwork, All Materials .....	3.35	
03 11 13 00-0092			<b>Strip Out Reglets For Concrete Formwork</b> (03 11 13 00-0085) .....		
03 11 13 00-0093	LF		24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork .....	12.94	
03 11 13 00-0094			<b>Sleeves And Chases, Plastic Or Sheet Metal</b> (03 11 13 00-0085) .....		
03 11 13 00-0095	EA		2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	16.60	
03 11 13 00-0096	EA		4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	21.20	
03 11 13 00-0097	EA		6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	25.76	
03 11 13 00-0098	EA		8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	31.30	
03 11 13 00-0099	EA		12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	40.92	
03 11 13 00-0100	EA		18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal .....	106.13	
03 11 16			<b>Architectural Cast-In-Place Concrete Forming</b> (03 11) .....		
03 11 16 13			<b>Concrete Form Liners</b> (03 11 16) .....		
03 11 16 13-0001			<b>Concrete Form Liners</b> (03 11 16 13) .....		
03 11 16 13-0002	SF		Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork .....	6.19	
03 11 16 13-0003	SF		Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork .....	8.09	
03 11 16 13-0004	SF		Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork .....	10.61	
03 11 23			<b>Permanent Stair Forming</b> (03 11) .....		
03 11 23 00-0001			<b>Stairway Wood Formwork</b> (03 11 23) .....		
03 11 23 00-0002	SF		Cast On Grade Stairway Wood Formwork .....	20.31	
			<i>For Curved Formwork, Add</i> .....	7.85	
			<i>For &lt;1,000, Add</i> .....	3.97	
03 11 23 00-0003	SF		Elevated Stairway Wood Formwork .....	40.12	
			Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
			<i>For Curved Formwork, Add</i> .....	15.24	
			<i>For &lt;1,000, Add</i> .....	7.76	
03 11 23 00-0004			<b>Stairway Metal Framed Formwork</b> (03 11 23) .....		
03 11 23 00-0005	SF		Cast On Grade Stairway Metal Framed Formwork .....	16.97	
			<i>For Curved Formwork, Add</i> .....	6.41	
			<i>For &lt;1,000, Add</i> .....	3.27	
03 11 23 00-0006	SF		Elevated Stairway Metal Framed Formwork .....	31.46	
			Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
			<i>For Curved Formwork, Add</i> .....	11.89	
			<i>For &lt;1,000, Add</i> .....	6.06	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Forming and Accessories</b>	<b>03 10</b>	
<b>Concrete Accessories</b>	<b>03 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**03 15 Concrete Accessories** (03 10)

**03 15 13 Waterstops** (03 15)

**03 15 13 13 Non-Expanding Waterstops** (03 15 13)

**03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops** (03 15 13 13)

03 15 13 13-0002	LF	3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.75	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	12.42	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	15.79	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	17.74	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	30.24	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	13.78	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	16.64	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	33.69	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	25.10	

**03 15 13 13-0011 Rubber Waterstops** (03 15 13 13)

03 15 13 13-0012	LF	3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.31	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.78	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.65	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.43	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	12.13	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.38	

**03 15 13 16 Expanding Waterstops** (03 15 13)

**03 15 13 16-0001 Bentonite Waterstops** (03 15 13 16)

03 15 13 16-0002	LF	3/4" x 3/8" Bentonite Waterstop	10.20	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop	16.72	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop	19.06	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop	22.17	

**03 15 16 Concrete Construction Joints** (03 15)

**03 15 16 00-0001 Poured Expansion Joint** (03 15 16)

03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.62	1.05
		<i>For Installation In Walls, Add</i>	1.76	
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured	7.78	1.05
		<i>For Installation In Walls, Add</i>	1.99	
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	3.51	1.05
		<i>For Installation In Walls, Add</i>	1.76	
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	7.30	1.05
		<i>For Installation In Walls, Add</i>	1.99	
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts	4.80	1.05
		<i>For Installation In Walls, Add</i>	1.99	
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts	8.56	1.05
		<i>For Installation In Walls, Add</i>	3.22	
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied	3.99	1.05
		<i>For Installation In Walls, Add</i>	1.76	
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	4.84	1.05
		<i>For Installation In Walls, Add</i>	1.76	
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant	12.18	1.05
		<i>For Installation In Walls, Add</i>	1.99	

**03 15 16 00-0011 Premolded Expansion Joints** (03 15 16)

**03 15 16 00-0012 Asphalt Saturated Fiber, Premolded Expansion Joints** (03 15 16 00-0011)

03 15 16 00-0013	LF	1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.59	1.19
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.00	1.25
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.25	1.31
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.51	1.37
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.85	1.19
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.21	1.25
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.63	1.31
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	4.23	1.37
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.58	1.13
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.81	1.19
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.10	1.25
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.35	1.31
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.65	1.37
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.07	1.43
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.39	1.49
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.95	1.55
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.13	1.25
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.61	1.31
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.46	1.43
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.82	1.96



<b>03</b>	<b>03 Concrete</b>
	<b>03 10 Concrete Forming and Accessories</b>
	<b>03 15 Concrete Accessories</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>03 15 16 00-0033</b>	<b>Cork, Premolded Expansion Joints</b> <small>(03 15 16 00-0011)</small>		
03 15 16 00-0034	LF 1/2" x 4" Cork, Premolded Expansion Joint .....	4.60	1.25
03 15 16 00-0035	LF 1/2" x 6" Cork, Premolded Expansion Joint .....	5.18	1.37
03 15 16 00-0036	LF 1/2" x 8" Cork, Premolded Expansion Joint .....	5.64	1.43
03 15 16 00-0037	LF 1/2" x 10" Cork, Premolded Expansion Joint .....	8.02	1.49
03 15 16 00-0038	LF 1/2" x 12" Cork, Premolded Expansion Joint .....	8.53	1.55
03 15 16 00-0039	SF 1/2" Cork, Premolded Expansion Joint .....	9.37	1.96
03 15 16 00-0040	SF 3/4" Cork, Premolded Expansion Joint .....	10.93	1.96
03 15 16 00-0041	SF 1" Cork, Premolded Expansion Joint .....	11.65	1.96

<b>03 15 16 00-0042</b>	<b>Flexible Polyethylene Foam, Premolded Expansion Joints</b> <small>(03 15 16 00-0011)</small>		
03 15 16 00-0043	LF 1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....	2.83	1.25
03 15 16 00-0044	LF 1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....	2.95	1.31
03 15 16 00-0045	LF 1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....	3.12	1.37
03 15 16 00-0046	LF 1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....	3.66	1.43
03 15 16 00-0047	LF 1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint .....	2.92	1.25
03 15 16 00-0048	LF 1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint .....	3.05	1.31
03 15 16 00-0049	LF 1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint .....	3.18	1.37
03 15 16 00-0050	LF 1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint .....	3.51	1.43

<b>03 15 16 00-0051</b>	<b>Zip Strip, Premolded Expansion Joints</b> <small>(03 15 16 00-0011)</small>		
03 15 16 00-0052	LF 1" Zip Strip, Premolded Expansion Joint.....	2.86	1.25
03 15 16 00-0053	LF 1-1/2" Zip Strip, Premolded Expansion Joint .....	3.14	1.31
03 15 16 00-0054	LF 2" Zip Strip, Premolded Expansion Joint.....	3.50	1.43

<b>03 15 16 00-0055</b>	<b>Sponge Rubber, Premolded Expansion Joints</b> <small>(03 15 16 00-0011)</small>		
03 15 16 00-0056	LF 1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	4.67	1.19
03 15 16 00-0057	LF 1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	5.59	1.19

<b>03 15 16 00-0058</b>	<b>Asphalt Felt Control Joints Or Bond Breaker</b> <small>(03 15 16)</small>		
03 15 16 00-0059	SF Asphalt Felt Control Joint, 30 Lb. Felt Bond Breaker .....	1.35	0.90
	>1,250, Deduct	-0.07	
03 15 16 00-0060	SF Asphalt Felt Control Joint, 15 Lb. Felt Bond Breaker .....	1.27	0.90
	>1,250, Deduct	-0.06	

<b>03 15 16 00-0061</b>	<b>Keyed Cold Expansion And Control Joints</b> <small>(03 15 16)</small>		
<b>03 15 16 00-0062</b>	<b>24 Gauge Galvanized Steel With Stakes</b> <small>(03 15 16 00-0061)</small>		
03 15 16 00-0063	LF 24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint .....	6.81	
03 15 16 00-0064	LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint .....	6.94	
03 15 16 00-0065	LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint .....	7.19	
03 15 16 00-0066	LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint .....	7.65	
03 15 16 00-0067	LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint .....	9.59	

**03 15 19 Cast-In Concrete Anchors** (03 15)

<b>03 15 19 00-0001</b>	<b>Cast In Place Anchors</b> <small>(03 15 19)</small>		
	Note: For cast in place installations. Includes nut and washer.		
<b>03 15 19 00-0002</b>	<b>J-Type Anchor Bolts</b> <small>(03 15 19 00-0001)</small>		
	See CSI section 03 11 13 00-0002 for template.		
<b>03 15 19 00-0003</b>	<b>1/2" And 5/8" Diameter</b> <small>(03 15 19 00-0002)</small>		
03 15 19 00-0004	EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	13.49	
	For Galvanized, Add	3.37	
	For Stainless Steel, Add	23.56	
	For >10 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-0.84	
	For >100, Deduct	-1.69	
03 15 19 00-0005	EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	15.86	
	For Galvanized, Add	4.29	
	For Stainless Steel, Add	30.03	
	For >10 To 50, Deduct	-0.36	
	For >50 To 100, Deduct	-0.94	
	For >100, Deduct	-1.89	
03 15 19 00-0006	EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	19.71	
	For Galvanized, Add	5.91	
	For Stainless Steel, Add	41.37	
	For >10 To 50, Deduct	-0.39	
	For >50 To 100, Deduct	-1.08	
	For >100, Deduct	-2.17	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0007 EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	23.33	
For Galvanized, Add	7.72	
For Stainless Steel, Add	54.04	
For >10 To 50, Deduct	-0.39	
For >50 To 100, Deduct	-1.18	
For >100, Deduct	-2.35	
03 15 19 00-0008 EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	29.22	
For Galvanized, Add	10.31	
For Stainless Steel, Add	72.14	
For >10 To 50, Deduct	-0.43	
For >50 To 100, Deduct	-1.38	
For >100, Deduct	-2.75	
03 15 19 00-0009 EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	33.01	
For Galvanized, Add	11.78	
For Stainless Steel, Add	82.43	
For >10 To 50, Deduct	-0.47	
For >50 To 100, Deduct	-1.53	
For >100, Deduct	-3.07	
<b>03 15 19 00-0010 3/4" And 7/8" Diameter</b> (03 15 19 00-0002)		
03 15 19 00-0011 EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	32.85	
For Galvanized, Add	11.70	
For Stainless Steel, Add	81.87	
For >10 To 50, Deduct	-0.47	
For >50 To 100, Deduct	-1.53	
For >100, Deduct	-3.06	
03 15 19 00-0012 EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	37.78	
For Galvanized, Add	13.63	
For Stainless Steel, Add	95.41	
For >10 To 50, Deduct	-0.53	
For >50 To 100, Deduct	-1.73	
For >100, Deduct	-3.47	
03 15 19 00-0013 EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	46.75	
For Galvanized, Add	17.46	
For Stainless Steel, Add	122.19	
For >10 To 50, Deduct	-0.59	
For >50 To 100, Deduct	-2.06	
For >100, Deduct	-4.11	
03 15 19 00-0014 EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	57.26	
For Galvanized, Add	22.00	
For Stainless Steel, Add	154.00	
For >10 To 50, Deduct	-0.66	
For >50 To 100, Deduct	-2.43	
For >100, Deduct	-4.85	
03 15 19 00-0015 EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	43.81	
For Galvanized, Add	15.99	
For Stainless Steel, Add	111.90	
For >10 To 50, Deduct	-0.59	
For >50 To 100, Deduct	-1.98	
For >100, Deduct	-3.97	
03 15 19 00-0016 EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	51.80	
For Galvanized, Add	19.14	
For Stainless Steel, Add	133.98	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-2.31	
For >100, Deduct	-4.62	
03 15 19 00-0017 EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	66.79	
For Galvanized, Add	25.51	
For Stainless Steel, Add	178.57	
For >10 To 50, Deduct	-0.79	
For >50 To 100, Deduct	-2.85	
For >100, Deduct	-5.71	
<b>03 15 19 00-0018 1" And 1-1/8" Diameter</b> (03 15 19 00-0002)		
03 15 19 00-0019 EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	54.87	
For Galvanized, Add	20.68	
For Stainless Steel, Add	144.73	
For >10 To 50, Deduct	-0.68	
For >50 To 100, Deduct	-2.39	
For >100, Deduct	-4.77	
03 15 19 00-0020 EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	65.53	
For Galvanized, Add	24.88	
For Stainless Steel, Add	174.16	
For >10 To 50, Deduct	-0.79	
For >50 To 100, Deduct	-2.82	
For >100, Deduct	-5.64	
03 15 19 00-0021 EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	81.31	
For Galvanized, Add	31.19	
For Stainless Steel, Add	218.33	
For >10 To 50, Deduct	-0.95	
For >50 To 100, Deduct	-3.45	
For >100, Deduct	-6.91	

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0022	EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	99.87	
	For Galvanized, Add	38.11	
	For Stainless Steel, Add	266.74	
	For >10 To 50, Deduct	-1.18	
	For >50 To 100, Deduct	-4.27	
	For >100, Deduct	-8.54	
03 15 19 00-0023	EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	66.54	
	For Galvanized, Add	25.85	
	For Stainless Steel, Add	180.92	
	For >10 To 50, Deduct	-0.74	
	For >50 To 100, Deduct	-2.78	
	For >100, Deduct	-5.55	
03 15 19 00-0024	EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	79.52	
	For Galvanized, Add	31.11	
	For Stainless Steel, Add	217.74	
	For >10 To 50, Deduct	-0.87	
	For >50 To 100, Deduct	-3.29	
	For >100, Deduct	-6.57	
03 15 19 00-0025	EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	98.76	
	For Galvanized, Add	38.99	
	For Stainless Steel, Add	272.93	
	For >10 To 50, Deduct	-1.04	
	For >50 To 100, Deduct	-4.03	
	For >100, Deduct	-8.06	
03 15 19 00-0026	EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	121.25	
	For Galvanized, Add	47.64	
	For Stainless Steel, Add	333.45	
	For >10 To 50, Deduct	-1.30	
	For >50 To 100, Deduct	-4.98	
	For >100, Deduct	-9.96	
<b>03 15 19 00-0027</b>	<b>1-1/4" And 1-1/2" Diameter</b> <small>(03 15 19 00-0002)</small> .....	<b>81.06</b>	
03 15 19 00-0028	EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	81.06	
	For Galvanized, Add	32.31	
	For Stainless Steel, Add	226.14	
	For >10 To 50, Deduct	-0.82	
	For >50 To 100, Deduct	-3.26	
	For >100, Deduct	-6.52	
03 15 19 00-0029	EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	96.94	
	For Galvanized, Add	38.89	
	For Stainless Steel, Add	272.20	
	For >10 To 50, Deduct	-0.96	
	For >50 To 100, Deduct	-3.86	
	For >100, Deduct	-7.72	
03 15 19 00-0030	EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	120.52	
	For Galvanized, Add	48.75	
	For Stainless Steel, Add	341.25	
	For >10 To 50, Deduct	-1.15	
	For >50 To 100, Deduct	-4.74	
	For >100, Deduct	-9.48	
03 15 19 00-0031	EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	147.84	
	For Galvanized, Add	59.54	
	For Stainless Steel, Add	416.75	
	For >10 To 50, Deduct	-1.44	
	For >50 To 100, Deduct	-5.85	
	For >100, Deduct	-11.71	
03 15 19 00-0032	EA 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	99.20	
	For Galvanized, Add	40.38	
	For Stainless Steel, Add	282.66	
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-3.86	
	For >100, Deduct	-7.73	
03 15 19 00-0033	EA 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	118.71	
	For Galvanized, Add	48.60	
	For Stainless Steel, Add	340.20	
	For >10 To 50, Deduct	-1.08	
	For >50 To 100, Deduct	-4.58	
	For >100, Deduct	-9.16	
03 15 19 00-0034	EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	147.71	
	For Galvanized, Add	60.95	
	For Stainless Steel, Add	426.62	
	For >10 To 50, Deduct	-1.29	
	For >50 To 100, Deduct	-5.63	
	For >100, Deduct	-11.26	
03 15 19 00-0035	EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt .....	181.11	
	For Galvanized, Add	74.43	
	For Stainless Steel, Add	520.98	
	For >10 To 50, Deduct	-1.61	
	For >50 To 100, Deduct	-6.95	
	For >100, Deduct	-13.89	

**03 15 19 00-0036** L-Type Anchor Bolts (03 15 19 00-0001)  
See CSI section 03 11 13 00-0002 for template.



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	<b>03 15 19 00-0037</b>	<b>3/4" And 7/8" Diameter</b> <small>(03 15 19 00-0036)</small>		
	03 15 19 00-0038	EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	28.40	
		For Galvanized, Add	8.94	
		For Stainless Steel, Add	62.58	
		For >10 To 50, Deduct	-0.53	
		For >50 To 100, Deduct	-1.50	
		For >100, Deduct	-3.00	
	03 15 19 00-0039	EA 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	33.92	
		For Galvanized, Add	11.04	
		For Stainless Steel, Add	77.28	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.74	
		For >100, Deduct	-3.47	
	03 15 19 00-0040	EA 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	38.84	
		For Galvanized, Add	12.66	
		For Stainless Steel, Add	88.62	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.99	
		For >100, Deduct	-3.97	
	03 15 19 00-0041	EA 3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	42.06	
		For Galvanized, Add	13.15	
		For Stainless Steel, Add	92.02	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-2.23	
		For >100, Deduct	-4.47	
	03 15 19 00-0042	EA 3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	46.52	
		For Galvanized, Add	13.80	
		For Stainless Steel, Add	96.57	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-2.58	
		For >100, Deduct	-5.17	
	03 15 19 00-0043	EA 7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	34.01	
		For Galvanized, Add	11.09	
		For Stainless Steel, Add	77.60	
		For >10 To 50, Deduct	-0.59	
		For >50 To 100, Deduct	-1.74	
		For >100, Deduct	-3.48	
	03 15 19 00-0044	EA 7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	39.35	
		For Galvanized, Add	12.92	
		For Stainless Steel, Add	90.41	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-2.00	
		For >100, Deduct	-4.00	
	03 15 19 00-0045	EA 7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	45.38	
		For Galvanized, Add	14.81	
		For Stainless Steel, Add	103.64	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-2.32	
		For >100, Deduct	-4.63	
	03 15 19 00-0046	EA 7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	49.68	
		For Galvanized, Add	15.38	
		For Stainless Steel, Add	107.63	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-2.66	
		For >100, Deduct	-5.32	
	03 15 19 00-0047	EA 7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	55.96	
		For Galvanized, Add	16.15	
		For Stainless Steel, Add	113.05	
		For >10 To 50, Deduct	-1.18	
		For >50 To 100, Deduct	-3.17	
		For >100, Deduct	-6.35	
	<b>03 15 19 00-0048</b>	<b>1" And 1-1/8" Diameter</b> <small>(03 15 19 00-0036)</small>		
	03 15 19 00-0049	EA 1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	41.95	
		For Galvanized, Add	14.22	
		For Stainless Steel, Add	99.51	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-2.06	
		For >100, Deduct	-4.13	
	03 15 19 00-0050	EA 1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	47.74	
		For Galvanized, Add	15.99	
		For Stainless Steel, Add	111.90	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-2.38	
		For >100, Deduct	-4.75	
	03 15 19 00-0051	EA 1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	54.68	
		For Galvanized, Add	17.88	
		For Stainless Steel, Add	125.13	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-2.79	
		For >100, Deduct	-5.57	

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0052	EA 1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	58.00	
	<i>For Galvanized, Add</i>	18.72	
	<i>For Stainless Steel, Add</i>	131.01	
	<i>For &gt;10 To 50, Deduct</i>	-1.03	
	<i>For &gt;50 To 100, Deduct</i>	-2.99	
	<i>For &gt;100, Deduct</i>	-5.99	
03 15 19 00-0053	EA 1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	62.86	
	<i>For Galvanized, Add</i>	19.60	
	<i>For Stainless Steel, Add</i>	137.20	
	<i>For &gt;10 To 50, Deduct</i>	-1.18	
	<i>For &gt;50 To 100, Deduct</i>	-3.35	
	<i>For &gt;100, Deduct</i>	-6.69	
03 15 19 00-0054	EA 1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	71.72	
	<i>For Galvanized, Add</i>	22.72	
	<i>For Stainless Steel, Add</i>	159.01	
	<i>For &gt;10 To 50, Deduct</i>	-1.31	
	<i>For &gt;50 To 100, Deduct</i>	-3.76	
	<i>For &gt;100, Deduct</i>	-7.53	
03 15 19 00-0055	EA 1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	84.72	
	<i>For Galvanized, Add</i>	26.59	
	<i>For Stainless Steel, Add</i>	186.10	
	<i>For &gt;10 To 50, Deduct</i>	-1.58	
	<i>For &gt;50 To 100, Deduct</i>	-4.48	
	<i>For &gt;100, Deduct</i>	-8.97	
03 15 19 00-0056	EA 1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	53.16	
	<i>For Galvanized, Add</i>	18.70	
	<i>For Stainless Steel, Add</i>	130.87	
	<i>For &gt;10 To 50, Deduct</i>	-0.79	
	<i>For &gt;50 To 100, Deduct</i>	-2.51	
	<i>For &gt;100, Deduct</i>	-5.02	
03 15 19 00-0057	EA 1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	60.78	
	<i>For Galvanized, Add</i>	20.93	
	<i>For Stainless Steel, Add</i>	146.48	
	<i>For &gt;10 To 50, Deduct</i>	-0.95	
	<i>For &gt;50 To 100, Deduct</i>	-2.94	
	<i>For &gt;100, Deduct</i>	-5.88	
03 15 19 00-0058	EA 1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	64.36	
	<i>For Galvanized, Add</i>	21.90	
	<i>For Stainless Steel, Add</i>	153.27	
	<i>For &gt;10 To 50, Deduct</i>	-1.03	
	<i>For &gt;50 To 100, Deduct</i>	-3.15	
	<i>For &gt;100, Deduct</i>	-6.30	
<b>03 15 19 00-0059</b>	<b>1-1/4" And 1-3/8" Diameter</b> <small>(03 15 19 00-0036)</small> .....		
03 15 19 00-0060	EA 1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	64.15	
	<i>For Galvanized, Add</i>	22.61	
	<i>For Stainless Steel, Add</i>	158.27	
	<i>For &gt;10 To 50, Deduct</i>	-0.95	
	<i>For &gt;50 To 100, Deduct</i>	-3.02	
	<i>For &gt;100, Deduct</i>	-6.05	
03 15 19 00-0061	EA 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	76.57	
	<i>For Galvanized, Add</i>	26.46	
	<i>For Stainless Steel, Add</i>	185.19	
	<i>For &gt;10 To 50, Deduct</i>	-1.18	
	<i>For &gt;50 To 100, Deduct</i>	-3.69	
	<i>For &gt;100, Deduct</i>	-7.38	
03 15 19 00-0062	EA 1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	84.85	
	<i>For Galvanized, Add</i>	29.97	
	<i>For Stainless Steel, Add</i>	209.79	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-3.99	
	<i>For &gt;100, Deduct</i>	-7.98	
03 15 19 00-0063	EA 1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	93.97	
	<i>For Galvanized, Add</i>	33.84	
	<i>For Stainless Steel, Add</i>	236.88	
	<i>For &gt;10 To 50, Deduct</i>	-1.31	
	<i>For &gt;50 To 100, Deduct</i>	-4.32	
	<i>For &gt;100, Deduct</i>	-8.64	
03 15 19 00-0064	EA 1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	103.19	
	<i>For Galvanized, Add</i>	36.81	
	<i>For Stainless Steel, Add</i>	257.64	
	<i>For &gt;10 To 50, Deduct</i>	-1.48	
	<i>For &gt;50 To 100, Deduct</i>	-4.80	
	<i>For &gt;100, Deduct</i>	-9.60	
03 15 19 00-0065	EA 1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt .....	112.63	
	<i>For Galvanized, Add</i>	39.41	
	<i>For Stainless Steel, Add</i>	275.87	
	<i>For &gt;10 To 50, Deduct</i>	-1.69	
	<i>For &gt;50 To 100, Deduct</i>	-5.35	
	<i>For &gt;100, Deduct</i>	-10.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0066 EA 1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	123.80	
For Galvanized, Add	42.19	
For Stainless Steel, Add	295.30	
For >10 To 50, Deduct	-1.97	
For >50 To 100, Deduct	-6.05	
For >100, Deduct	-12.10	
03 15 19 00-0067 EA 1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	140.62	
For Galvanized, Add	46.65	
For Stainless Steel, Add	326.52	
For >10 To 50, Deduct	-2.37	
For >50 To 100, Deduct	-7.07	
For >100, Deduct	-14.13	
03 15 19 00-0068 EA 1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	75.46	
For Galvanized, Add	28.27	
For Stainless Steel, Add	197.66	
For >10 To 50, Deduct	-0.95	
For >50 To 100, Deduct	-3.31	
For >100, Deduct	-6.61	
03 15 19 00-0069 EA 1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	89.82	
For Galvanized, Add	33.08	
For Stainless Steel, Add	231.56	
For >10 To 50, Deduct	-1.18	
For >50 To 100, Deduct	-4.02	
For >100, Deduct	-8.04	
03 15 19 00-0070 EA 1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	99.82	
For Galvanized, Add	37.46	
For Stainless Steel, Add	262.19	
For >10 To 50, Deduct	-1.25	
For >50 To 100, Deduct	-4.36	
For >100, Deduct	-8.73	
03 15 19 00-0071 EA 1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	110.87	
For Galvanized, Add	42.29	
For Stainless Steel, Add	296.03	
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-4.74	
For >100, Deduct	-9.49	
03 15 19 00-0072 EA 1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	121.61	
For Galvanized, Add	46.02	
For Stainless Steel, Add	322.11	
For >10 To 50, Deduct	-1.48	
For >50 To 100, Deduct	-5.26	
For >100, Deduct	-10.52	
03 15 19 00-0073 EA 1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	132.36	
For Galvanized, Add	49.28	
For Stainless Steel, Add	344.93	
For >10 To 50, Deduct	-1.69	
For >50 To 100, Deduct	-5.84	
For >100, Deduct	-11.69	
03 15 19 00-0074 EA 1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	145.76	
For Galvanized, Add	53.17	
For Stainless Steel, Add	372.16	
For >10 To 50, Deduct	-1.97	
For >50 To 100, Deduct	-6.60	
For >100, Deduct	-13.20	
03 15 19 00-0075 EA 1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	163.97	
For Galvanized, Add	58.32	
For Stainless Steel, Add	408.24	
For >10 To 50, Deduct	-2.37	
For >50 To 100, Deduct	-7.65	
For >100, Deduct	-15.30	
<b>03 15 19 00-0076 1-1/2", 1-3/4", And 2" Diameter</b> <small>(03 15 19 00-0036)</small>		
03 15 19 00-0077 EA 1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	99.87	
For Galvanized, Add	39.18	
For Stainless Steel, Add	274.26	
For >10 To 50, Deduct	-1.08	
For >50 To 100, Deduct	-4.11	
For >100, Deduct	-8.22	
03 15 19 00-0078 EA 1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	107.10	
For Galvanized, Add	41.10	
For Stainless Steel, Add	287.67	
For >10 To 50, Deduct	-1.25	
For >50 To 100, Deduct	-4.55	
For >100, Deduct	-9.09	
03 15 19 00-0079 EA 1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	118.27	
For Galvanized, Add	45.22	
For Stainless Steel, Add	316.51	
For >10 To 50, Deduct	-1.39	
For >50 To 100, Deduct	-5.04	
For >100, Deduct	-10.09	



**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0080	EA 1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	128.38	
	For Galvanized, Add	49.40	
	For Stainless Steel, Add	345.80	
	For >10 To 50, Deduct	-1.48	
	For >50 To 100, Deduct	-5.43	
	For >100, Deduct	-10.86	
03 15 19 00-0081	EA 1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	138.72	
	For Galvanized, Add	53.59	
	For Stainless Steel, Add	375.10	
	For >10 To 50, Deduct	-1.58	
	For >50 To 100, Deduct	-5.83	
	For >100, Deduct	-11.67	
03 15 19 00-0082	EA 1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	151.66	
	For Galvanized, Add	57.63	
	For Stainless Steel, Add	403.38	
	For >10 To 50, Deduct	-1.82	
	For >50 To 100, Deduct	-6.52	
	For >100, Deduct	-13.04	
03 15 19 00-0083	EA 1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	167.70	
	For Galvanized, Add	62.34	
	For Stainless Steel, Add	436.35	
	For >10 To 50, Deduct	-2.15	
	For >50 To 100, Deduct	-7.42	
	For >100, Deduct	-14.84	
03 15 19 00-0084	EA 1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	190.83	
	For Galvanized, Add	69.13	
	For Stainless Steel, Add	483.88	
	For >10 To 50, Deduct	-2.63	
	For >50 To 100, Deduct	-8.71	
	For >100, Deduct	-17.43	
03 15 19 00-0085	EA 1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	141.56	
	For Galvanized, Add	58.95	
	For Stainless Steel, Add	412.65	
	For >10 To 50, Deduct	-1.18	
	For >50 To 100, Deduct	-5.31	
	For >100, Deduct	-10.63	
03 15 19 00-0086	EA 1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	146.75	
	For Galvanized, Add	60.23	
	For Stainless Steel, Add	421.61	
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-5.64	
	For >100, Deduct	-11.28	
03 15 19 00-0087	EA 1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	150.24	
	For Galvanized, Add	61.20	
	For Stainless Steel, Add	428.40	
	For >10 To 50, Deduct	-1.39	
	For >50 To 100, Deduct	-5.84	
	For >100, Deduct	-11.69	
03 15 19 00-0088	EA 1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	170.95	
	For Galvanized, Add	70.69	
	For Stainless Steel, Add	494.80	
	For >10 To 50, Deduct	-1.48	
	For >50 To 100, Deduct	-6.49	
	For >100, Deduct	-12.98	
03 15 19 00-0089	EA 1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	197.01	
	For Galvanized, Add	81.60	
	For Stainless Steel, Add	571.20	
	For >10 To 50, Deduct	-1.69	
	For >50 To 100, Deduct	-7.46	
	For >100, Deduct	-14.92	
03 15 19 00-0090	EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	204.77	
	For Galvanized, Add	82.67	
	For Stainless Steel, Add	578.69	
	For >10 To 50, Deduct	-1.97	
	For >50 To 100, Deduct	-8.08	
	For >100, Deduct	-16.15	
03 15 19 00-0091	EA 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	225.88	
	For Galvanized, Add	89.28	
	For Stainless Steel, Add	624.93	
	For >10 To 50, Deduct	-2.37	
	For >50 To 100, Deduct	-9.20	
	For >100, Deduct	-18.39	
03 15 19 00-0092	EA 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	251.46	
	For Galvanized, Add	96.15	
	For Stainless Steel, Add	673.05	
	For >10 To 50, Deduct	-2.96	
	For >50 To 100, Deduct	-10.72	
	For >100, Deduct	-21.45	
03 15 19 00-0093	EA 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	207.31	
	For Galvanized, Add	89.74	
	For Stainless Steel, Add	628.15	
	For >10 To 50, Deduct	-1.39	
	For >50 To 100, Deduct	-7.27	
	For >100, Deduct	-14.54	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0094	EA			2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	225.58	
				<i>For Galvanized, Add</i>	97.02	
				<i>For Stainless Steel, Add</i>	679.11	
				<i>For &gt;10 To 50, Deduct</i>	-1.58	
				<i>For &gt;50 To 100, Deduct</i>	-8.01	
				<i>For &gt;100, Deduct</i>	-16.01	
03 15 19 00-0095	EA			2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	247.89	
				<i>For Galvanized, Add</i>	105.74	
				<i>For Stainless Steel, Add</i>	740.18	
				<i>For &gt;10 To 50, Deduct</i>	-1.82	
				<i>For &gt;50 To 100, Deduct</i>	-8.93	
				<i>For &gt;100, Deduct</i>	-17.86	
03 15 19 00-0096	EA			2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	267.00	
				<i>For Galvanized, Add</i>	111.99	
				<i>For Stainless Steel, Add</i>	783.90	
				<i>For &gt;10 To 50, Deduct</i>	-2.15	
				<i>For &gt;50 To 100, Deduct</i>	-9.90	
				<i>For &gt;100, Deduct</i>	-19.80	
03 15 19 00-0097	EA			2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	288.00	
				<i>For Galvanized, Add</i>	120.34	
				<i>For Stainless Steel, Add</i>	842.35	
				<i>For &gt;10 To 50, Deduct</i>	-2.37	
				<i>For &gt;50 To 100, Deduct</i>	-10.75	
				<i>For &gt;100, Deduct</i>	-21.50	
03 15 19 00-0098	EA			2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	309.57	
				<i>For Galvanized, Add</i>	128.50	
				<i>For Stainless Steel, Add</i>	899.47	
				<i>For &gt;10 To 50, Deduct</i>	-2.63	
				<i>For &gt;50 To 100, Deduct</i>	-11.68	
				<i>For &gt;100, Deduct</i>	-23.37	
03 15 19 00-0099	EA			2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	343.61	
				<i>For Galvanized, Add</i>	138.00	
				<i>For Stainless Steel, Add</i>	966.00	
				<i>For &gt;10 To 50, Deduct</i>	-3.38	
				<i>For &gt;50 To 100, Deduct</i>	-13.66	
				<i>For &gt;100, Deduct</i>	-27.32	
03 15 19 00-0100	EA			2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	371.04	
				<i>For Galvanized, Add</i>	151.72	
				<i>For Stainless Steel, Add</i>	1,062.01	
				<i>For &gt;10 To 50, Deduct</i>	-3.38	
				<i>For &gt;50 To 100, Deduct</i>	-14.35	
				<i>For &gt;100, Deduct</i>	-28.69	
03 15 19 00-0101	EA			2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	416.17	
				<i>For Galvanized, Add</i>	168.65	
				<i>For Stainless Steel, Add</i>	1,180.52	
				<i>For &gt;10 To 50, Deduct</i>	-3.94	
				<i>For &gt;50 To 100, Deduct</i>	-16.32	
				<i>For &gt;100, Deduct</i>	-32.64	
<b>03 15 19 00-0102</b>				<b>2-1/2" And 2-3/4" Diameter</b> (03 15 19 00-0036)		
03 15 19 00-0103	EA			2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	426.58	
				<i>For Galvanized, Add</i>	199.37	
				<i>For Stainless Steel, Add</i>	1,395.59	
				<i>For &gt;10 To 50, Deduct</i>	-1.39	
				<i>For &gt;50 To 100, Deduct</i>	-12.75	
				<i>For &gt;100, Deduct</i>	-25.51	
03 15 19 00-0104	EA			2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	448.33	
				<i>For Galvanized, Add</i>	208.39	
				<i>For Stainless Steel, Add</i>	1,458.73	
				<i>For &gt;10 To 50, Deduct</i>	-1.58	
				<i>For &gt;50 To 100, Deduct</i>	-13.57	
				<i>For &gt;100, Deduct</i>	-27.15	
03 15 19 00-0105	EA			2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	488.40	
				<i>For Galvanized, Add</i>	226.00	
				<i>For Stainless Steel, Add</i>	1,581.97	
				<i>For &gt;10 To 50, Deduct</i>	-1.82	
				<i>For &gt;50 To 100, Deduct</i>	-14.94	
				<i>For &gt;100, Deduct</i>	-29.88	
03 15 19 00-0106	EA			2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	519.37	
				<i>For Galvanized, Add</i>	238.17	
				<i>For Stainless Steel, Add</i>	1,667.19	
				<i>For &gt;10 To 50, Deduct</i>	-2.15	
				<i>For &gt;50 To 100, Deduct</i>	-16.21	
				<i>For &gt;100, Deduct</i>	-32.42	
03 15 19 00-0107	EA			2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	549.20	
				<i>For Galvanized, Add</i>	250.94	
				<i>For Stainless Steel, Add</i>	1,756.55	
				<i>For &gt;10 To 50, Deduct</i>	-2.37	
				<i>For &gt;50 To 100, Deduct</i>	-17.28	
				<i>For &gt;100, Deduct</i>	-34.56	

**03 Concrete****03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0108	EA 2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	583.05	
	For Galvanized, Add	265.24	
	For Stainless Steel, Add	1,856.65	
	For >10 To 50, Deduct	-2.63	
	For >50 To 100, Deduct	-18.52	
	For >100, Deduct	-37.04	
03 15 19 00-0109	EA 2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	627.36	
	For Galvanized, Add	279.88	
	For Stainless Steel, Add	1,959.13	
	For >10 To 50, Deduct	-3.38	
	For >50 To 100, Deduct	-20.75	
	For >100, Deduct	-41.51	
03 15 19 00-0110	EA 2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	480.98	
	For Galvanized, Add	225.70	
	For Stainless Steel, Add	1,579.90	
	For >10 To 50, Deduct	-1.48	
	For >50 To 100, Deduct	-14.24	
	For >100, Deduct	-28.49	
03 15 19 00-0111	EA 2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	516.67	
	For Galvanized, Add	241.43	
	For Stainless Steel, Add	1,690.01	
	For >10 To 50, Deduct	-1.69	
	For >50 To 100, Deduct	-15.45	
	For >100, Deduct	-30.91	
03 15 19 00-0112	EA 2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	554.05	
	For Galvanized, Add	257.31	
	For Stainless Steel, Add	1,801.17	
	For >10 To 50, Deduct	-1.97	
	For >50 To 100, Deduct	-16.81	
	For >100, Deduct	-33.62	
03 15 19 00-0113	EA 2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	590.55	
	For Galvanized, Add	271.61	
	For Stainless Steel, Add	1,901.27	
	For >10 To 50, Deduct	-2.37	
	For >50 To 100, Deduct	-18.31	
	For >100, Deduct	-36.63	
03 15 19 00-0114	EA 2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	627.05	
	For Galvanized, Add	287.24	
	For Stainless Steel, Add	2,010.65	
	For >10 To 50, Deduct	-2.63	
	For >50 To 100, Deduct	-19.62	
	For >100, Deduct	-39.24	
03 15 19 00-0115	EA 2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	678.00	
	For Galvanized, Add	309.42	
	For Stainless Steel, Add	2,165.94	
	For >10 To 50, Deduct	-2.96	
	For >50 To 100, Deduct	-21.39	
	For >100, Deduct	-42.77	
03 15 19 00-0116	EA 2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	731.75	
	For Galvanized, Add	326.44	
	For Stainless Steel, Add	2,285.05	
	For >10 To 50, Deduct	-3.94	
	For >50 To 100, Deduct	-24.21	
	For >100, Deduct	-48.42	

**03 20 Concrete Reinforcing** <sup>(03)</sup>

Note: Includes cutting or torching to size, bending where necessary and tie wires.

**03 21 Reinforcement Bars** <sup>(03 20)</sup>

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lb./LF, #3 - 0.376 Lb./LF, #4 - 0.668 Lb./LF, #5 - 1.043 Lb./LF, #6 - 1.502 Lb./LF, #7 - 2.044 Lb./LF, #8 - 2.670 Lb./LF, #9 - 3.400 Lb./LF, #10 - 4.303 Lb./LF, #11 - 5.313 Lb./LF, #14 - 7.650 Lb./LF, #18 - 13.600 Lb./LF.

**03 21 11 Plain Steel Reinforcement Bars** <sup>(03 21)</sup>**03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar** <sup>(03 21 11)</sup>

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0002	LF #3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.87	
	For Up To 100, Add	0.57	
	For >100 To 200, Add	0.31	
	For >200 To 500, Add	0.12	
03 21 11 00-0003	LF #4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.45	
	For Up To 100, Add	0.97	
	For >100 To 200, Add	0.53	
	For >200 To 500, Add	0.21	
03 21 11 00-0004	LF #5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.18	
	For Up To 100, Add	1.48	
	For >100 To 200, Add	0.80	
	For >200 To 500, Add	0.32	
03 21 11 00-0005	LF #6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	3.01	
	For Up To 100, Add	2.09	
	For >100 To 200, Add	1.12	
	For >200 To 500, Add	0.45	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0006 LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.89	
For Up To 100, Add	0.59	
For >100 To 200, Add	0.32	
For >200 To 500, Add	0.13	
03 21 11 00-0007 LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.49	
For Up To 100, Add	1.01	
For >100 To 200, Add	0.55	
For >200 To 500, Add	0.22	
03 21 11 00-0008 LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.23	
For Up To 100, Add	1.53	
For >100 To 200, Add	0.83	
For >200 To 500, Add	0.33	
03 21 11 00-0009 LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	3.08	
For Up To 100, Add	2.16	
For >100 To 200, Add	1.16	
For >200 To 500, Add	0.46	
03 21 11 00-0010 LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.91	
For Up To 100, Add	0.61	
For >100 To 200, Add	0.33	
For >200 To 500, Add	0.13	
03 21 11 00-0011 LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.54	
For Up To 100, Add	1.06	
For >100 To 200, Add	0.57	
For >200 To 500, Add	0.23	
03 21 11 00-0012 LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.31	
For Up To 100, Add	1.61	
For >100 To 200, Add	0.87	
For >200 To 500, Add	0.35	
03 21 11 00-0013 LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.20	
For Up To 100, Add	2.28	
For >100 To 200, Add	1.22	
For >200 To 500, Add	0.49	
03 21 11 00-0014 LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.15	
For Up To 100, Add	2.35	
For >100 To 200, Add	1.38	
For >200 To 400, Add	0.64	
03 21 11 00-0015 LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.17	
For Up To 100, Add	2.99	
For >100 To 200, Add	1.73	
For >200 To 400, Add	0.81	
03 21 11 00-0016 LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.36	
For Up To 100, Add	3.73	
For >100 To 200, Add	2.15	
For >200 To 400, Add	1.01	
03 21 11 00-0017 LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	7.78	
For Up To 100, Add	3.76	
For >100 To 200, Add	2.03	
For >200 To 300, Add	1.02	
03 21 11 00-0018 LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	9.27	
For Up To 100, Add	4.54	
For >100 To 200, Add	2.44	
For >200 To 300, Add	1.22	
03 21 11 00-0019 LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	12.84	
For Up To 100, Add	6.38	
For >100 To 200, Add	3.41	
For >200 To 300, Add	1.71	
03 21 11 00-0020 LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	21.97	
For Up To 100, Add	11.09	
For >100 To 200, Add	5.89	
For >200 To 300, Add	2.95	
03 21 11 00-0021 LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.31	
For Up To 100, Add	2.39	
For >100 To 200, Add	1.27	
For >200 To 500, Add	0.51	
03 21 11 00-0022 LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	4.30	
For Up To 100, Add	2.47	
For >100 To 200, Add	1.44	
For >200 To 400, Add	0.67	
03 21 11 00-0023 LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	5.37	
For Up To 100, Add	3.14	
For >100 To 200, Add	1.81	
For >200 To 400, Add	0.85	
03 21 11 00-0024 LF #9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	6.61	
For Up To 100, Add	3.91	
For >100 To 200, Add	2.25	
For >200 To 400, Add	1.06	
03 21 11 00-0025 LF #10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	8.10	
For Up To 100, Add	3.95	
For >100 To 200, Add	2.13	
For >200 To 300, Add	1.06	
03 21 11 00-0026 LF #11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	9.66	
For Up To 100, Add	4.77	
For >100 To 200, Add	2.56	
For >200 To 300, Add	1.28	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0027	LF		#14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	13.40	
			For Up To 100, Add	6.72	
			For >100 To 200, Add	3.58	
			For >200 To 300, Add	1.79	
03 21 11 00-0028	LF		#18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	22.97	
			For Up To 100, Add	11.69	
			For >100 To 200, Add	6.19	
			For >200 To 300, Add	3.10	
03 21 11 00-0029	LF		#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	0.94	
			For Up To 100, Add	0.64	
			For >100 To 200, Add	0.35	
			For >200 To 500, Add	0.14	
03 21 11 00-0030	LF		#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	1.57	
			For Up To 100, Add	1.09	
			For >100 To 200, Add	0.59	
			For >200 To 500, Add	0.23	
03 21 11 00-0031	LF		#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	2.37	
			For Up To 100, Add	1.67	
			For >100 To 200, Add	0.90	
			For >200 To 500, Add	0.36	
03 21 11 00-0032	LF		#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	3.28	
			For Up To 100, Add	2.36	
			For >100 To 200, Add	1.26	
			For >200 To 500, Add	0.50	
03 21 11 00-0033	LF		#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	4.27	
			For Up To 100, Add	2.44	
			For >100 To 200, Add	1.42	
			For >200 To 400, Add	0.66	
03 21 11 00-0034	LF		#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	5.32	
			For Up To 100, Add	3.10	
			For >100 To 200, Add	1.79	
			For >200 To 400, Add	0.84	
03 21 11 00-0035	LF		#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	6.54	
			For Up To 100, Add	3.86	
			For >100 To 200, Add	2.22	
			For >200 To 400, Add	1.05	
03 21 11 00-0036	LF		#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	8.02	
			For Up To 100, Add	3.90	
			For >100 To 200, Add	2.10	
			For >200 To 300, Add	1.05	
03 21 11 00-0037	LF		#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	9.56	
			For Up To 100, Add	4.71	
			For >100 To 200, Add	2.53	
			For >200 To 300, Add	1.26	
03 21 11 00-0038	LF		#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	13.26	
			For Up To 100, Add	6.63	
			For >100 To 200, Add	3.54	
			For >200 To 300, Add	1.77	
03 21 11 00-0039	LF		#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar .....	22.72	
			For Up To 100, Add	11.54	
			For >100 To 200, Add	6.12	
			For >200 To 300, Add	3.06	
03 21 11 00-0040			<b>Columns, Steel Reinforcement Bar</b> (03 21 11) Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0041	LF		#3, Grade 40, Columns, Steel Reinforcement Bar.....	0.91	
			For Up To 100, Add	0.59	
			For >100 To 200, Add	0.32	
			For >200 To 500, Add	0.13	
03 21 11 00-0042	LF		#4, Grade 40, Columns, Steel Reinforcement Bar.....	1.54	
			For Up To 100, Add	1.01	
			For >100 To 200, Add	0.55	
			For >200 To 500, Add	0.22	
03 21 11 00-0043	LF		#5, Grade 40, Columns, Steel Reinforcement Bar.....	2.30	
			For Up To 100, Add	1.53	
			For >100 To 200, Add	0.83	
			For >200 To 500, Add	0.33	
03 21 11 00-0044	LF		#6, Grade 40, Columns, Steel Reinforcement Bar.....	3.17	
			For Up To 100, Add	2.15	
			For >100 To 200, Add	1.16	
			For >200 To 500, Add	0.46	
03 21 11 00-0045	LF		#3, Grade 50, Columns, Steel Reinforcement Bar.....	0.93	
			For Up To 100, Add	0.61	
			For >100 To 200, Add	0.33	
			For >200 To 500, Add	0.13	
03 21 11 00-0046	LF		#4, Grade 50, Columns, Steel Reinforcement Bar.....	1.58	
			For Up To 100, Add	1.05	
			For >100 To 200, Add	0.57	
			For >200 To 500, Add	0.23	
03 21 11 00-0047	LF		#5, Grade 50, Columns, Steel Reinforcement Bar.....	2.35	
			For Up To 100, Add	1.58	
			For >100 To 200, Add	0.86	
			For >200 To 500, Add	0.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0048 LF #6, Grade 50, Columns, Steel Reinforcement Bar.....	3.24	
<i>For Up To 100, Add</i>	2.22	
<i>For &gt;100 To 200, Add</i>	1.20	
<i>For &gt;200 To 500, Add</i>	0.48	
03 21 11 00-0049 LF #3, Grade 60, Columns, Steel Reinforcement Bar.....	0.95	
<i>For Up To 100, Add</i>	0.63	
<i>For &gt;100 To 200, Add</i>	0.34	
<i>For &gt;200 To 500, Add</i>	0.14	
03 21 11 00-0050 LF #4, Grade 60, Columns, Steel Reinforcement Bar.....	1.63	
<i>For Up To 100, Add</i>	1.10	
<i>For &gt;100 To 200, Add</i>	0.59	
<i>For &gt;200 To 500, Add</i>	0.24	
03 21 11 00-0051 LF #5, Grade 60, Columns, Steel Reinforcement Bar.....	2.43	
<i>For Up To 100, Add</i>	1.66	
<i>For &gt;100 To 200, Add</i>	0.90	
<i>For &gt;200 To 500, Add</i>	0.36	
03 21 11 00-0052 LF #6, Grade 60, Columns, Steel Reinforcement Bar.....	3.36	
<i>For Up To 100, Add</i>	2.34	
<i>For &gt;100 To 200, Add</i>	1.26	
<i>For &gt;200 To 500, Add</i>	0.50	
03 21 11 00-0053 LF #7, Grade 60, Columns, Steel Reinforcement Bar.....	4.34	
<i>For Up To 100, Add</i>	2.42	
<i>For &gt;100 To 200, Add</i>	1.42	
<i>For &gt;200 To 400, Add</i>	0.66	
03 21 11 00-0054 LF #8, Grade 60, Columns, Steel Reinforcement Bar.....	5.39	
<i>For Up To 100, Add</i>	3.06	
<i>For &gt;100 To 200, Add</i>	1.79	
<i>For &gt;200 To 400, Add</i>	0.83	
03 21 11 00-0055 LF #9, Grade 60, Columns, Steel Reinforcement Bar.....	6.62	
<i>For Up To 100, Add</i>	3.82	
<i>For &gt;100 To 200, Add</i>	2.22	
<i>For &gt;200 To 400, Add</i>	1.04	
03 21 11 00-0056 LF #10, Grade 60, Columns, Steel Reinforcement Bar.....	8.07	
<i>For Up To 100, Add</i>	3.84	
<i>For &gt;100 To 200, Add</i>	2.09	
<i>For &gt;200 To 300, Add</i>	1.04	
03 21 11 00-0057 LF #11, Grade 60, Columns, Steel Reinforcement Bar.....	9.60	
<i>For Up To 100, Add</i>	4.64	
<i>For &gt;100 To 200, Add</i>	2.51	
<i>For &gt;200 To 300, Add</i>	1.25	
03 21 11 00-0058 LF #14, Grade 60, Columns, Steel Reinforcement Bar.....	13.29	
<i>For Up To 100, Add</i>	6.52	
<i>For &gt;100 To 200, Add</i>	3.50	
<i>For &gt;200 To 300, Add</i>	1.75	
03 21 11 00-0059 LF #18, Grade 60, Columns, Steel Reinforcement Bar.....	22.66	
<i>For Up To 100, Add</i>	11.30	
<i>For &gt;100 To 200, Add</i>	6.03	
<i>For &gt;200 To 300, Add</i>	3.02	
03 21 11 00-0060 LF #6, Grade 75, Columns, Steel Reinforcement Bar.....	3.47	
<i>For Up To 100, Add</i>	2.45	
<i>For &gt;100 To 200, Add</i>	1.31	
<i>For &gt;200 To 500, Add</i>	0.52	
03 21 11 00-0061 LF #7, Grade 75, Columns, Steel Reinforcement Bar.....	4.49	
<i>For Up To 100, Add</i>	2.53	
<i>For &gt;100 To 200, Add</i>	1.48	
<i>For &gt;200 To 400, Add</i>	0.69	
03 21 11 00-0062 LF #8, Grade 75, Columns, Steel Reinforcement Bar.....	5.59	
<i>For Up To 100, Add</i>	3.21	
<i>For &gt;100 To 200, Add</i>	1.87	
<i>For &gt;200 To 400, Add</i>	0.87	
03 21 11 00-0063 LF #9, Grade 75, Columns, Steel Reinforcement Bar.....	6.87	
<i>For Up To 100, Add</i>	4.00	
<i>For &gt;100 To 200, Add</i>	2.32	
<i>For &gt;200 To 400, Add</i>	1.09	
03 21 11 00-0064 LF #10, Grade 75, Columns, Steel Reinforcement Bar.....	8.39	
<i>For Up To 100, Add</i>	4.04	
<i>For &gt;100 To 200, Add</i>	2.18	
<i>For &gt;200 To 300, Add</i>	1.09	
03 21 11 00-0065 LF #11, Grade 75, Columns, Steel Reinforcement Bar.....	9.99	
<i>For Up To 100, Add</i>	4.87	
<i>For &gt;100 To 200, Add</i>	2.62	
<i>For &gt;200 To 300, Add</i>	1.31	
03 21 11 00-0066 LF #14, Grade 75, Columns, Steel Reinforcement Bar.....	13.85	
<i>For Up To 100, Add</i>	6.85	
<i>For &gt;100 To 200, Add</i>	3.67	
<i>For &gt;200 To 300, Add</i>	1.83	
03 21 11 00-0067 LF #18, Grade 75, Columns, Steel Reinforcement Bar.....	23.66	
<i>For Up To 100, Add</i>	11.90	
<i>For &gt;100 To 200, Add</i>	6.33	
<i>For &gt;200 To 300, Add</i>	3.17	
03 21 11 00-0068 LF #3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar .....	0.98	
<i>For Up To 100, Add</i>	0.66	
<i>For &gt;100 To 200, Add</i>	0.36	
<i>For &gt;200 To 500, Add</i>	0.14	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 21 11 00-0069	LF #4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.66
	For Up To 100, Add	1.13
	For >100 To 200, Add	0.61
	For >200 To 500, Add	0.24
03 21 11 00-0070	LF #5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.49
	For Up To 100, Add	1.72
	For >100 To 200, Add	0.93
	For >200 To 500, Add	0.37
03 21 11 00-0071	LF #6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.44
	For Up To 100, Add	2.42
	For >100 To 200, Add	1.30
	For >200 To 500, Add	0.52
03 21 11 00-0072	LF #7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	4.46
	For Up To 100, Add	2.51
	For >100 To 200, Add	1.47
	For >200 To 400, Add	0.68
03 21 11 00-0073	LF #8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.54
	For Up To 100, Add	3.18
	For >100 To 200, Add	1.85
	For >200 To 400, Add	0.86
03 21 11 00-0074	LF #9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	6.80
	For Up To 100, Add	3.95
	For >100 To 200, Add	2.29
	For >200 To 400, Add	1.07
03 21 11 00-0075	LF #10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	8.31
	For Up To 100, Add	3.99
	For >100 To 200, Add	2.16
	For >200 To 300, Add	1.08
03 21 11 00-0076	LF #11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	9.89
	For Up To 100, Add	4.81
	For >100 To 200, Add	2.59
	For >200 To 300, Add	1.30
03 21 11 00-0077	LF #14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	13.71
	For Up To 100, Add	6.77
	For >100 To 200, Add	3.63
	For >200 To 300, Add	1.81
03 21 11 00-0078	LF #18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	23.41
	For Up To 100, Add	11.75
	For >100 To 200, Add	6.26
	For >200 To 300, Add	3.13

**03 21 11 00-0079 Footings, Steel Reinforcement Bar** (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0080	LF #3, Grade 40, Footings, Steel Reinforcement Bar.....	0.79
	For Up To 100, Add	0.54
	For >100 To 200, Add	0.29
	For >200 To 500, Add	0.12
03 21 11 00-0081	LF #4, Grade 40, Footings, Steel Reinforcement Bar.....	1.34
	For Up To 100, Add	0.93
	For >100 To 200, Add	0.50
	For >200 To 500, Add	0.20
03 21 11 00-0082	LF #5, Grade 40, Footings, Steel Reinforcement Bar.....	2.02
	For Up To 100, Add	1.42
	For >100 To 200, Add	0.76
	For >200 To 500, Add	0.30
03 21 11 00-0083	LF #6, Grade 40, Footings, Steel Reinforcement Bar.....	2.78
	For Up To 100, Add	1.99
	For >100 To 200, Add	1.06
	For >200 To 500, Add	0.43
03 21 11 00-0084	LF #3, Grade 50, Footings, Steel Reinforcement Bar.....	0.81
	For Up To 100, Add	0.56
	For >100 To 200, Add	0.30
	For >200 To 500, Add	0.12
03 21 11 00-0085	LF #4, Grade 50, Footings, Steel Reinforcement Bar.....	1.38
	For Up To 100, Add	0.97
	For >100 To 200, Add	0.52
	For >200 To 500, Add	0.21
03 21 11 00-0086	LF #5, Grade 50, Footings, Steel Reinforcement Bar.....	2.07
	For Up To 100, Add	1.47
	For >100 To 200, Add	0.79
	For >200 To 500, Add	0.31
03 21 11 00-0087	LF #6, Grade 50, Footings, Steel Reinforcement Bar.....	2.85
	For Up To 100, Add	2.06
	For >100 To 200, Add	1.10
	For >200 To 500, Add	0.44
03 21 11 00-0088	LF #3, Grade 60, Footings, Steel Reinforcement Bar.....	0.83
	For Up To 100, Add	0.58
	For >100 To 200, Add	0.31
	For >200 To 500, Add	0.12
03 21 11 00-0089	LF #4, Grade 60, Footings, Steel Reinforcement Bar.....	1.43
	For Up To 100, Add	1.02
	For >100 To 200, Add	0.54
	For >200 To 500, Add	0.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0090 LF #5, Grade 60, Footings, Steel Reinforcement Bar .....	2.15	
<i>For Up To 100, Add</i>	1.55	
<i>For &gt;100 To 200, Add</i>	0.83	
<i>For &gt;200 To 500, Add</i>	0.33	
03 21 11 00-0091 LF #6, Grade 60, Footings, Steel Reinforcement Bar .....	2.97	
<i>For Up To 100, Add</i>	2.18	
<i>For &gt;100 To 200, Add</i>	1.16	
<i>For &gt;200 To 500, Add</i>	0.46	
03 21 11 00-0092 LF #7, Grade 60, Footings, Steel Reinforcement Bar .....	3.87	
<i>For Up To 100, Add</i>	2.25	
<i>For &gt;100 To 200, Add</i>	1.31	
<i>For &gt;200 To 400, Add</i>	0.61	
03 21 11 00-0093 LF #8, Grade 60, Footings, Steel Reinforcement Bar .....	4.84	
<i>For Up To 100, Add</i>	2.87	
<i>For &gt;100 To 200, Add</i>	1.65	
<i>For &gt;200 To 400, Add</i>	0.78	
03 21 11 00-0094 LF #9, Grade 60, Footings, Steel Reinforcement Bar .....	5.97	
<i>For Up To 100, Add</i>	3.59	
<i>For &gt;100 To 200, Add</i>	2.06	
<i>For &gt;200 To 400, Add</i>	0.97	
03 21 11 00-0095 LF #10, Grade 60, Footings, Steel Reinforcement Bar .....	7.32	
<i>For Up To 100, Add</i>	4.46	
<i>For &gt;100 To 200, Add</i>	2.54	
<i>For &gt;200 To 400, Add</i>	1.21	
<i>For Up To 100, Add</i>	3.62	
<i>For &gt;100 To 200, Add</i>	1.94	
<i>For &gt;200 To 300, Add</i>	0.97	
03 21 11 00-0096 LF #11, Grade 60, Footings, Steel Reinforcement Bar .....	8.76	
<i>For Up To 100, Add</i>	5.41	
<i>For &gt;100 To 200, Add</i>	3.07	
<i>For &gt;200 To 400, Add</i>	1.46	
<i>For Up To 100, Add</i>	4.39	
<i>For &gt;100 To 200, Add</i>	2.34	
<i>For &gt;200 To 300, Add</i>	1.17	
03 21 11 00-0097 LF #14, Grade 60, Footings, Steel Reinforcement Bar .....	12.18	
<i>For Up To 100, Add</i>	7.64	
<i>For &gt;100 To 200, Add</i>	4.31	
<i>For &gt;200 To 400, Add</i>	2.06	
<i>For Up To 100, Add</i>	6.18	
<i>For &gt;100 To 200, Add</i>	3.28	
<i>For &gt;200 To 300, Add</i>	1.64	
03 21 11 00-0098 LF #18, Grade 60, Footings, Steel Reinforcement Bar .....	20.91	
<i>For Up To 100, Add</i>	13.31	
<i>For &gt;100 To 200, Add</i>	7.48	
<i>For &gt;200 To 400, Add</i>	3.59	
<i>For Up To 100, Add</i>	10.77	
<i>For &gt;100 To 200, Add</i>	5.68	
<i>For &gt;200 To 300, Add</i>	2.84	
03 21 11 00-0099 LF #6, Grade 75, Footings, Steel Reinforcement Bar .....	3.08	
<i>For Up To 100, Add</i>	2.29	
<i>For &gt;100 To 200, Add</i>	1.21	
<i>For &gt;200 To 500, Add</i>	0.49	
<i>For Up To 100, Add</i>	1.79	
<i>For &gt;100 To 200, Add</i>	1.04	
<i>For &gt;200 To 400, Add</i>	0.49	
03 21 11 00-0100 LF #7, Grade 75, Footings, Steel Reinforcement Bar .....	4.02	
<i>For Up To 100, Add</i>	2.37	
<i>For &gt;100 To 200, Add</i>	1.37	
<i>For &gt;200 To 400, Add</i>	0.64	
03 21 11 00-0101 LF #8, Grade 75, Footings, Steel Reinforcement Bar .....	5.04	
<i>For Up To 100, Add</i>	3.02	
<i>For &gt;100 To 200, Add</i>	1.73	
<i>For &gt;200 To 400, Add</i>	0.82	
03 21 11 00-0102 LF #9, Grade 75, Footings, Steel Reinforcement Bar .....	6.22	
<i>For Up To 100, Add</i>	3.78	
<i>For &gt;100 To 200, Add</i>	2.16	
<i>For &gt;200 To 400, Add</i>	1.02	
03 21 11 00-0103 LF #10, Grade 75, Footings, Steel Reinforcement Bar .....	7.64	
<i>For Up To 100, Add</i>	3.81	
<i>For &gt;100 To 200, Add</i>	2.03	
<i>For &gt;200 To 300, Add</i>	1.02	
03 21 11 00-0104 LF #11, Grade 75, Footings, Steel Reinforcement Bar .....	9.15	
<i>For Up To 100, Add</i>	4.62	
<i>For &gt;100 To 200, Add</i>	2.46	
<i>For &gt;200 To 300, Add</i>	1.23	
03 21 11 00-0105 LF #14, Grade 75, Footings, Steel Reinforcement Bar .....	12.74	
<i>For Up To 100, Add</i>	6.52	
<i>For &gt;100 To 200, Add</i>	3.45	
<i>For &gt;200 To 300, Add</i>	1.72	
03 21 11 00-0106 LF #18, Grade 75, Footings, Steel Reinforcement Bar .....	21.91	
<i>For Up To 100, Add</i>	11.37	
<i>For &gt;100 To 200, Add</i>	5.98	
<i>For &gt;200 To 300, Add</i>	2.99	
03 21 11 00-0107 LF #3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar .....	0.86	
<i>For Up To 100, Add</i>	0.61	
<i>For &gt;100 To 200, Add</i>	0.33	
<i>For &gt;200 To 500, Add</i>	0.13	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.46		
		For Up To 100, Add	1.05		
		For >100 To 200, Add	0.56		
		For >200 To 500, Add	0.22		
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.21		
		For Up To 100, Add	1.61		
		For >100 To 200, Add	0.86		
		For >200 To 500, Add	0.34		
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.05		
		For Up To 100, Add	2.26		
		For >100 To 200, Add	1.20		
		For >200 To 500, Add	0.48		
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.99		
		For Up To 100, Add	2.34		
		For >100 To 200, Add	1.35		
		For >200 To 400, Add	0.64		
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.99		
		For Up To 100, Add	2.98		
		For >100 To 200, Add	1.71		
		For >200 To 400, Add	0.81		
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.15		
		For Up To 100, Add	3.72		
		For >100 To 200, Add	2.13		
		For >200 To 400, Add	1.01		
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	7.56		
		For Up To 100, Add	3.76		
		For >100 To 200, Add	2.01		
		For >200 To 300, Add	1.01		
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.05		
		For Up To 100, Add	4.56		
		For >100 To 200, Add	2.43		
		For >200 To 300, Add	1.21		
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	12.60		
		For Up To 100, Add	6.44		
		For >100 To 200, Add	3.41		
		For >200 To 300, Add	1.70		
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	21.66		
		For Up To 100, Add	11.22		
		For >100 To 200, Add	5.91		
		For >200 To 300, Add	2.95		

### 03 21 11 00-0118 Slab On Grade, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.77		
		For Up To 100, Add	0.53		
		For >100 To 200, Add	0.29		
		For >200 To 500, Add	0.11		
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.30		
		For Up To 100, Add	0.91		
		For >100 To 200, Add	0.49		
		For >200 To 500, Add	0.20		
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.95		
		For Up To 100, Add	1.39		
		For >100 To 200, Add	0.74		
		For >200 To 500, Add	0.30		
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.70		
		For Up To 100, Add	1.96		
		For >100 To 200, Add	1.04		
		For >200 To 500, Add	0.42		
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.79		
		For Up To 100, Add	0.55		
		For >100 To 200, Add	0.30		
		For >200 To 500, Add	0.12		
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.34		
		For Up To 100, Add	0.95		
		For >100 To 200, Add	0.51		
		For >200 To 500, Add	0.20		
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.00		
		For Up To 100, Add	1.44		
		For >100 To 200, Add	0.77		
		For >200 To 500, Add	0.31		
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.77		
		For Up To 100, Add	2.03		
		For >100 To 200, Add	1.08		
		For >200 To 500, Add	0.43		
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	0.81		
		For Up To 100, Add	0.57		
		For >100 To 200, Add	0.31		
		For >200 To 500, Add	0.12		
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	1.39		
		For Up To 100, Add	1.00		
		For >100 To 200, Add	0.53		
		For >200 To 500, Add	0.21		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 21	11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.08 1.52 0.81 0.32	
	03 21	11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.89 2.15 1.14 0.46	
	03 21	11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	3.78 2.22 1.28 0.60	
	03 21	11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	4.73 2.83 1.62 0.77	
	03 21	11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	5.84 3.54 2.02 0.96	
	03 21	11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	7.16 3.57 1.91 0.95	
	03 21	11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	8.59 4.34 2.30 1.15	
	03 21	11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	11.95 6.11 3.23 1.62	
	03 21	11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	20.56 10.67 5.61 2.81	
	03 21	11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	3.00 2.26 1.19 0.48	
	03 21	11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	3.93 2.34 1.34 0.63	
	03 21	11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	4.93 2.98 1.70 0.81	
	03 21	11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	6.09 3.73 2.12 1.01	
	03 21	11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	7.48 3.76 2.00 1.00	
	03 21	11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	8.98 4.57 2.42 1.21	
	03 21	11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	12.51 6.45 3.40 1.70	
	03 21	11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	21.56 11.27 5.91 2.96	
	03 21	11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	0.84 0.60 0.32 0.13	
	03 21	11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.42 1.03 0.55 0.22	
	03 21	11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.14 1.58 0.84 0.34	
	03 21	11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.97 2.23 1.18 0.47	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	3.90	
		<i>For Up To 100, Add</i>	2.31	
		<i>For &gt;100 To 200, Add</i>	1.33	
		<i>For &gt;200 To 400, Add</i>	0.63	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	4.88	
		<i>For Up To 100, Add</i>	2.94	
		<i>For &gt;100 To 200, Add</i>	1.68	
		<i>For &gt;200 To 400, Add</i>	0.80	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	6.02	
		<i>For Up To 100, Add</i>	3.68	
		<i>For &gt;100 To 200, Add</i>	2.09	
		<i>For &gt;200 To 400, Add</i>	1.00	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	7.40	
		<i>For Up To 100, Add</i>	3.71	
		<i>For &gt;100 To 200, Add</i>	1.98	
		<i>For &gt;200 To 300, Add</i>	0.99	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	8.88	
		<i>For Up To 100, Add</i>	4.51	
		<i>For &gt;100 To 200, Add</i>	2.39	
		<i>For &gt;200 To 300, Add</i>	1.20	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	12.37	
		<i>For Up To 100, Add</i>	6.37	
		<i>For &gt;100 To 200, Add</i>	3.36	
		<i>For &gt;200 To 300, Add</i>	1.68	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	21.31	
		<i>For Up To 100, Add</i>	11.12	
		<i>For &gt;100 To 200, Add</i>	5.84	
		<i>For &gt;200 To 300, Add</i>	2.92	

### 03 21 11 00-0157 Elevated Slabs, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	0.71	
		<i>For Up To 100, Add</i>	0.51	
		<i>For &gt;100 To 200, Add</i>	0.27	
		<i>For &gt;200 To 500, Add</i>	0.11	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.21	
		<i>For Up To 100, Add</i>	0.87	
		<i>For &gt;100 To 200, Add</i>	0.47	
		<i>For &gt;200 To 500, Add</i>	0.19	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	1.84	
		<i>For Up To 100, Add</i>	1.35	
		<i>For &gt;100 To 200, Add</i>	0.72	
		<i>For &gt;200 To 500, Add</i>	0.29	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	2.54	
		<i>For Up To 100, Add</i>	1.90	
		<i>For &gt;100 To 200, Add</i>	1.00	
		<i>For &gt;200 To 500, Add</i>	0.40	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	0.73	
		<i>For Up To 100, Add</i>	0.53	
		<i>For &gt;100 To 200, Add</i>	0.28	
		<i>For &gt;200 To 500, Add</i>	0.11	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.25	
		<i>For Up To 100, Add</i>	0.91	
		<i>For &gt;100 To 200, Add</i>	0.49	
		<i>For &gt;200 To 500, Add</i>	0.19	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	1.89	
		<i>For Up To 100, Add</i>	1.40	
		<i>For &gt;100 To 200, Add</i>	0.74	
		<i>For &gt;200 To 500, Add</i>	0.30	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	2.61	
		<i>For Up To 100, Add</i>	1.97	
		<i>For &gt;100 To 200, Add</i>	1.04	
		<i>For &gt;200 To 500, Add</i>	0.42	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	0.75	
		<i>For Up To 100, Add</i>	0.55	
		<i>For &gt;100 To 200, Add</i>	0.29	
		<i>For &gt;200 To 500, Add</i>	0.12	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.30	
		<i>For Up To 100, Add</i>	0.96	
		<i>For &gt;100 To 200, Add</i>	0.51	
		<i>For &gt;200 To 500, Add</i>	0.20	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	1.97	
		<i>For Up To 100, Add</i>	1.48	
		<i>For &gt;100 To 200, Add</i>	0.78	
		<i>For &gt;200 To 500, Add</i>	0.31	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	2.73	
		<i>For Up To 100, Add</i>	2.09	
		<i>For &gt;100 To 200, Add</i>	1.10	
		<i>For &gt;200 To 500, Add</i>	0.44	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	3.59	
		<i>For Up To 100, Add</i>	2.16	
		<i>For &gt;100 To 200, Add</i>	1.24	
		<i>For &gt;200 To 400, Add</i>	0.58	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0171 LF #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	4.50	
<i>For Up To 100, Add</i>	2.75	
<i>For &gt;100 To 200, Add</i>	2.27	
<i>For &gt;200 To 400, Add</i>	0.74	
03 21 11 00-0172 LF #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	5.59	
<i>For Up To 100, Add</i>	3.46	
<i>For &gt;100 To 200, Add</i>	1.96	
<i>For &gt;200 To 400, Add</i>	0.93	
03 21 11 00-0173 LF #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	6.87	
<i>For Up To 100, Add</i>	3.48	
<i>For &gt;100 To 200, Add</i>	1.85	
<i>For &gt;200 To 300, Add</i>	0.92	
03 21 11 00-0174 LF #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	8.25	
<i>For Up To 100, Add</i>	4.23	
<i>For &gt;100 To 200, Add</i>	2.24	
<i>For &gt;200 To 300, Add</i>	1.12	
03 21 11 00-0175 LF #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	11.52	
<i>For Up To 100, Add</i>	5.99	
<i>For &gt;100 To 200, Add</i>	3.15	
<i>For &gt;200 To 300, Add</i>	1.57	
03 21 11 00-0176 LF #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar .....	19.88	
<i>For Up To 100, Add</i>	10.46	
<i>For &gt;100 To 200, Add</i>	5.48	
<i>For &gt;200 To 300, Add</i>	2.74	
03 21 11 00-0177 LF #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	2.84	
<i>For Up To 100, Add</i>	2.20	
<i>For &gt;100 To 200, Add</i>	1.15	
<i>For &gt;200 To 500, Add</i>	0.46	
03 21 11 00-0178 LF #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	3.74	
<i>For Up To 100, Add</i>	2.27	
<i>For &gt;100 To 200, Add</i>	1.30	
<i>For &gt;200 To 400, Add</i>	0.61	
03 21 11 00-0179 LF #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	4.70	
<i>For Up To 100, Add</i>	2.90	
<i>For &gt;100 To 200, Add</i>	1.65	
<i>For &gt;200 To 400, Add</i>	0.78	
03 21 11 00-0180 LF #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	5.84	
<i>For Up To 100, Add</i>	3.64	
<i>For &gt;100 To 200, Add</i>	2.06	
<i>For &gt;200 To 400, Add</i>	0.98	
03 21 11 00-0181 LF #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	7.19	
<i>For Up To 100, Add</i>	3.68	
<i>For &gt;100 To 200, Add</i>	1.94	
<i>For &gt;200 To 300, Add</i>	0.97	
03 21 11 00-0182 LF #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	8.64	
<i>For Up To 100, Add</i>	4.47	
<i>For &gt;100 To 200, Add</i>	2.35	
<i>For &gt;200 To 300, Add</i>	1.18	
03 21 11 00-0183 LF #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	12.08	
<i>For Up To 100, Add</i>	6.32	
<i>For &gt;100 To 200, Add</i>	3.32	
<i>For &gt;200 To 300, Add</i>	1.66	
03 21 11 00-0184 LF #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar .....	20.88	
<i>For Up To 100, Add</i>	11.06	
<i>For &gt;100 To 200, Add</i>	5.78	
<i>For &gt;200 To 300, Add</i>	2.89	
03 21 11 00-0185 LF #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	0.78	
<i>For Up To 100, Add</i>	0.58	
<i>For &gt;100 To 200, Add</i>	0.31	
<i>For &gt;200 To 500, Add</i>	0.12	
03 21 11 00-0186 LF #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	1.33	
<i>For Up To 100, Add</i>	0.99	
<i>For &gt;100 To 200, Add</i>	0.53	
<i>For &gt;200 To 500, Add</i>	0.21	
03 21 11 00-0187 LF #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	2.03	
<i>For Up To 100, Add</i>	1.54	
<i>For &gt;100 To 200, Add</i>	0.81	
<i>For &gt;200 To 500, Add</i>	0.32	
03 21 11 00-0188 LF #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	2.81	
<i>For Up To 100, Add</i>	2.17	
<i>For &gt;100 To 200, Add</i>	1.14	
<i>For &gt;200 To 500, Add</i>	0.46	
03 21 11 00-0189 LF #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	3.71	
<i>For Up To 100, Add</i>	2.25	
<i>For &gt;100 To 200, Add</i>	1.28	
<i>For &gt;200 To 400, Add</i>	0.61	
03 21 11 00-0190 LF #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	4.65	
<i>For Up To 100, Add</i>	2.86	
<i>For &gt;100 To 200, Add</i>	1.63	
<i>For &gt;200 To 400, Add</i>	0.77	
03 21 11 00-0191 LF #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	5.77	
<i>For Up To 100, Add</i>	3.59	
<i>For &gt;100 To 200, Add</i>	2.03	
<i>For &gt;200 To 400, Add</i>	0.97	





MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

03 21 11 00-0192	LF #10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	7.11	
	For Up To 100, Add	3.63	
	For >100 To 200, Add	1.92	
	For >200 To 300, Add	0.96	
03 21 11 00-0193	LF #11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	8.54	
	For Up To 100, Add	4.41	
	For >100 To 200, Add	2.32	
	For >200 To 300, Add	1.16	
03 21 11 00-0194	LF #14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	11.94	
	For Up To 100, Add	6.24	
	For >100 To 200, Add	3.27	
	For >200 To 300, Add	1.64	
03 21 11 00-0195	LF #18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar .....	20.63	
	For Up To 100, Add	10.91	
	For >100 To 200, Add	5.70	
	For >200 To 300, Add	2.85	

### 03 21 11 00-0196 Walls, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF #3, Grade 40, Walls, Steel Reinforcement Bar .....	0.69	
	For Up To 100, Add	0.50	
	For >100 To 200, Add	0.27	
	For >200 To 500, Add	0.11	
03 21 11 00-0198	LF #4, Grade 40, Walls, Steel Reinforcement Bar .....	1.17	
	For Up To 100, Add	0.86	
	For >100 To 200, Add	0.46	
	For >200 To 500, Add	0.18	
03 21 11 00-0199	LF #5, Grade 40, Walls, Steel Reinforcement Bar .....	1.77	
	For Up To 100, Add	1.32	
	For >100 To 200, Add	0.70	
	For >200 To 500, Add	0.28	
03 21 11 00-0200	LF #6, Grade 40, Walls, Steel Reinforcement Bar .....	2.47	
	For Up To 100, Add	1.87	
	For >100 To 200, Add	0.99	
	For >200 To 500, Add	0.39	
03 21 11 00-0201	LF #3, Grade 50, Walls, Steel Reinforcement Bar .....	0.71	
	For Up To 100, Add	0.52	
	For >100 To 200, Add	0.28	
	For >200 To 500, Add	0.11	
03 21 11 00-0202	LF #4, Grade 50, Walls, Steel Reinforcement Bar .....	1.21	
	For Up To 100, Add	0.90	
	For >100 To 200, Add	0.48	
	For >200 To 500, Add	0.19	
03 21 11 00-0203	LF #5, Grade 50, Walls, Steel Reinforcement Bar .....	1.82	
	For Up To 100, Add	1.37	
	For >100 To 200, Add	0.72	
	For >200 To 500, Add	0.29	
03 21 11 00-0204	LF #6, Grade 50, Walls, Steel Reinforcement Bar .....	2.54	
	For Up To 100, Add	1.94	
	For >100 To 200, Add	1.02	
	For >200 To 500, Add	0.41	
03 21 11 00-0205	LF #3, Grade 60, Walls, Steel Reinforcement Bar .....	0.73	
	For Up To 100, Add	0.54	
	For >100 To 200, Add	0.29	
	For >200 To 500, Add	0.11	
03 21 11 00-0206	LF #4, Grade 60, Walls, Steel Reinforcement Bar .....	1.26	
	For Up To 100, Add	0.95	
	For >100 To 200, Add	0.50	
	For >200 To 500, Add	0.20	
03 21 11 00-0207	LF #5, Grade 60, Walls, Steel Reinforcement Bar .....	1.90	
	For Up To 100, Add	1.45	
	For >100 To 200, Add	0.76	
	For >200 To 500, Add	0.31	
03 21 11 00-0208	LF #6, Grade 60, Walls, Steel Reinforcement Bar .....	2.66	
	For Up To 100, Add	2.06	
	For >100 To 200, Add	1.08	
	For >200 To 500, Add	0.43	
03 21 11 00-0209	LF #7, Grade 60, Walls, Steel Reinforcement Bar .....	3.48	
	For Up To 100, Add	2.12	
	For >100 To 200, Add	1.21	
	For >200 To 400, Add	0.57	
03 21 11 00-0210	LF #8, Grade 60, Walls, Steel Reinforcement Bar .....	4.39	
	For Up To 100, Add	2.71	
	For >100 To 200, Add	1.54	
	For >200 To 400, Add	0.73	
03 21 11 00-0211	LF #9, Grade 60, Walls, Steel Reinforcement Bar .....	5.46	
	For Up To 100, Add	3.41	
	For >100 To 200, Add	1.93	
	For >200 To 400, Add	0.92	
03 21 11 00-0212	LF #10, Grade 60, Walls, Steel Reinforcement Bar .....	6.72	
	For Up To 100, Add	3.44	
	For >100 To 200, Add	1.82	
	For >200 To 300, Add	0.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0213 LF #11, Grade 60, Walls, Steel Reinforcement Bar .....	8.08	
<i>For Up To 100, Add</i>	4.18	
<i>For &gt;100 To 200, Add</i>	2.20	
<i>For &gt;200 To 300, Add</i>	1.10	
03 21 11 00-0214 LF #14, Grade 60, Walls, Steel Reinforcement Bar .....	11.30	
<i>For Up To 100, Add</i>	5.92	
<i>For &gt;100 To 200, Add</i>	3.10	
<i>For &gt;200 To 300, Add</i>	1.55	
03 21 11 00-0215 LF #18, Grade 60, Walls, Steel Reinforcement Bar .....	19.53	
<i>For Up To 100, Add</i>	10.36	
<i>For &gt;100 To 200, Add</i>	5.41	
<i>For &gt;200 To 300, Add</i>	2.70	
03 21 11 00-0216 LF #6, Grade 75, Walls, Steel Reinforcement Bar .....	2.77	
<i>For Up To 100, Add</i>	2.17	
<i>For &gt;100 To 200, Add</i>	1.14	
<i>For &gt;200 To 500, Add</i>	0.45	
03 21 11 00-0217 LF #7, Grade 75, Walls, Steel Reinforcement Bar .....	3.63	
<i>For Up To 100, Add</i>	2.23	
<i>For &gt;100 To 200, Add</i>	1.27	
<i>For &gt;200 To 400, Add</i>	0.60	
03 21 11 00-0218 LF #8, Grade 75, Walls, Steel Reinforcement Bar .....	4.59	
<i>For Up To 100, Add</i>	2.86	
<i>For &gt;100 To 200, Add</i>	1.62	
<i>For &gt;200 To 400, Add</i>	0.77	
03 21 11 00-0219 LF #9, Grade 75, Walls, Steel Reinforcement Bar .....	5.71	
<i>For Up To 100, Add</i>	3.60	
<i>For &gt;100 To 200, Add</i>	2.03	
<i>For &gt;200 To 400, Add</i>	0.97	
03 21 11 00-0220 LF #10, Grade 75, Walls, Steel Reinforcement Bar .....	7.04	
<i>For Up To 100, Add</i>	3.63	
<i>For &gt;100 To 200, Add</i>	1.91	
<i>For &gt;200 To 300, Add</i>	0.96	
03 21 11 00-0221 LF #11, Grade 75, Walls, Steel Reinforcement Bar .....	8.47	
<i>For Up To 100, Add</i>	4.42	
<i>For &gt;100 To 200, Add</i>	2.32	
<i>For &gt;200 To 300, Add</i>	1.16	
03 21 11 00-0222 LF #14, Grade 75, Walls, Steel Reinforcement Bar .....	11.86	
<i>For Up To 100, Add</i>	6.26	
<i>For &gt;100 To 200, Add</i>	3.27	
<i>For &gt;200 To 300, Add</i>	1.64	
03 21 11 00-0223 LF #18, Grade 75, Walls, Steel Reinforcement Bar .....	20.53	
<i>For Up To 100, Add</i>	10.96	
<i>For &gt;100 To 200, Add</i>	5.71	
<i>For &gt;200 To 300, Add</i>	2.85	
03 21 11 00-0224 LF #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	0.76	
<i>For Up To 100, Add</i>	0.57	
<i>For &gt;100 To 200, Add</i>	0.30	
<i>For &gt;200 To 500, Add</i>	0.12	
03 21 11 00-0225 LF #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	1.29	
<i>For Up To 100, Add</i>	0.98	
<i>For &gt;100 To 200, Add</i>	0.52	
<i>For &gt;200 To 500, Add</i>	0.21	
03 21 11 00-0226 LF #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	1.96	
<i>For Up To 100, Add</i>	1.51	
<i>For &gt;100 To 200, Add</i>	0.79	
<i>For &gt;200 To 500, Add</i>	0.32	
03 21 11 00-0227 LF #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	2.74	
<i>For Up To 100, Add</i>	2.14	
<i>For &gt;100 To 200, Add</i>	1.12	
<i>For &gt;200 To 500, Add</i>	0.45	
03 21 11 00-0228 LF #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	3.60	
<i>For Up To 100, Add</i>	2.21	
<i>For &gt;100 To 200, Add</i>	1.26	
<i>For &gt;200 To 400, Add</i>	0.60	
03 21 11 00-0229 LF #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	4.54	
<i>For Up To 100, Add</i>	2.83	
<i>For &gt;100 To 200, Add</i>	1.60	
<i>For &gt;200 To 400, Add</i>	0.76	
03 21 11 00-0230 LF #9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	5.64	
<i>For Up To 100, Add</i>	3.55	
<i>For &gt;100 To 200, Add</i>	2.00	
<i>For &gt;200 To 400, Add</i>	0.96	
03 21 11 00-0231 LF #10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	6.96	
<i>For Up To 100, Add</i>	3.58	
<i>For &gt;100 To 200, Add</i>	1.89	
<i>For &gt;200 To 300, Add</i>	0.95	
03 21 11 00-0232 LF #11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	8.37	
<i>For Up To 100, Add</i>	4.36	
<i>For &gt;100 To 200, Add</i>	2.29	
<i>For &gt;200 To 300, Add</i>	1.14	
03 21 11 00-0233 LF #14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	11.72	
<i>For Up To 100, Add</i>	6.17	
<i>For &gt;100 To 200, Add</i>	3.23	
<i>For &gt;200 To 300, Add</i>	1.61	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0234	LF		#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar .....	20.28	
			<i>For Up To 100, Add</i> .....	10.81	
			<i>For &gt;100 To 200, Add</i> .....	5.63	
			<i>For &gt;200 To 300, Add</i> .....	2.82	
<b>03 21 11 00-0235</b>			<b>Mechanical Joint Connection</b> (03 21 11)		
<b>03 21 11 00-0236</b>			<b>Thermal Type Mechanical Joint Connection</b> (03 21 11 00-0235)		
03 21 11 00-0237	EA		Thermal Type Mechanical Joint Connection, Add Per Splice .....	292.38	
<b>03 21 11 00-0238</b>			<b>Screwed Type Mechanical Joint Connection</b> (03 21 11 00-0235)		
03 21 11 00-0239	EA		Screwed Type Mechanical Joint Connection, Add Per Splice.....	159.52	
<b>03 21 11 00-0240</b>			<b>Deformed Straight Dowels</b> (03 21 11)		
			Note: Excludes drilling. See CSI section 02 41 19 13-0271 for drilling in concrete.		
03 21 11 00-0241	EA		3/8" Diameter x 24" Long, Deformed Straight Dowel .....	3.13	
			<i>For Up To 12" Length, Deduct</i> .....	-0.42	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-0.21	
03 21 11 00-0242	EA		1/2" Diameter x 24" Long, Deformed Straight Dowel .....	3.76	
			<i>For Up To 12" Length, Deduct</i> .....	-0.55	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-0.28	
03 21 11 00-0243	EA		5/8" Diameter x 24" Long, Deformed Straight Dowel .....	4.69	
			<i>For Up To 12" Length, Deduct</i> .....	-0.87	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-0.44	
03 21 11 00-0244	EA		3/4" Diameter x 24" Long, Deformed Straight Dowel .....	5.80	
			<i>For Up To 12" Length, Deduct</i> .....	-1.26	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-0.63	
03 21 11 00-0245	EA		7/8" Diameter x 24" Long, Deformed Straight Dowel .....	6.96	
			<i>For Up To 12" Length, Deduct</i> .....	-1.76	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-0.88	
03 21 11 00-0246	EA		1" Diameter x 24" Long, Deformed Straight Dowel .....	8.79	
			<i>For Up To 12" Length, Deduct</i> .....	-2.25	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-1.12	
03 21 11 00-0247	EA		1-1/8" Diameter x 24" Long, Deformed Straight Dowel.....	10.41	
			<i>For Up To 12" Length, Deduct</i> .....	-2.77	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-1.39	
03 21 11 00-0248	EA		1-1/4" Diameter x 24" Long, Deformed Straight Dowel.....	12.86	
			<i>For Up To 12" Length, Deduct</i> .....	-3.62	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-1.81	
03 21 11 00-0249	EA		1-3/8" Diameter x 24" Long, Deformed Straight Dowel.....	15.35	
			<i>For Up To 12" Length, Deduct</i> .....	-4.48	
			<i>For &gt;12" To &lt;24" Length, Deduct</i> .....	-2.24	
<b>03 21 11 00-0250</b>			<b>Spirals, Reinforcing Steel</b> (03 21 11)		
03 21 11 00-0251	TON		Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel .....	3,959.59	
			<i>For Grade 75, Add</i> .....	139.35	
03 21 11 00-0252	TON		>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,909.14	
			<i>For Grade 75, Add</i> .....	139.35	
03 21 11 00-0253	TON		>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,870.69	
			<i>For Grade 75, Add</i> .....	139.35	
03 21 11 00-0254	TON		>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,807.76	
			<i>For Grade 75, Add</i> .....	139.35	
03 21 11 00-0255	TON		>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,722.68	
			<i>For Grade 75, Add</i> .....	139.35	
03 21 11 00-0256	TON		>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,684.23	
			<i>For Grade 75, Add</i> .....	142.78	
03 21 11 00-0257	TON		>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,613.01	
			<i>For Grade 75, Add</i> .....	142.78	
<b>03 21 11 00-0258</b>			<b>Accessories For Reinforcing Steel</b> (03 21 11)		
<b>03 21 11 00-0259</b>			<b>Reinforcing Steel Lap-Weld Splice</b> (03 21 11 00-0258)		
03 21 11 00-0260	EA		Up To #6 Reinforcing Steel Lap-Weld Splice .....	75.96	
03 21 11 00-0261	EA		>#6 Reinforcing Steel Lap-Weld Splice .....	121.35	
<b>03 21 11 00-0262</b>			<b>Reinforcing Steel Sleeve And Wedge Splice Joint</b> (03 21 11 00-0258)		
03 21 11 00-0263	EA		Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	41.18	
03 21 11 00-0264	EA		#5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	63.28	
03 21 11 00-0265	EA		#6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	94.80	
<b>03 21 13</b>			<b>Galvanized Reinforcement Steel Bars</b> (03 21)		
<b>03 21 13 00-0001</b>			<b>Beams And Girders, Galvanized Steel Reinforcement Bar</b> (03 21 13)		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0002 LF #3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.06	
For Up To 100, Add	0.76	
For >100 To 200, Add	0.41	
For >200 To 500, Add	0.16	
03 21 13 00-0003 LF #4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.79	
For Up To 100, Add	1.31	
For >100 To 200, Add	0.70	
For >200 To 500, Add	0.28	
03 21 13 00-0004 LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.70	
For Up To 100, Add	2.00	
For >100 To 200, Add	1.06	
For >200 To 500, Add	0.42	
03 21 13 00-0005 LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.76	
For Up To 100, Add	2.84	
For >100 To 200, Add	1.50	
For >200 To 500, Add	0.60	
03 21 13 00-0006 LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.08	
For Up To 100, Add	0.78	
For >100 To 200, Add	0.42	
For >200 To 500, Add	0.17	
03 21 13 00-0007 LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.82	
For Up To 100, Add	1.34	
For >100 To 200, Add	0.71	
For >200 To 500, Add	0.28	
03 21 13 00-0008 LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.76	
For Up To 100, Add	2.06	
For >100 To 200, Add	1.09	
For >200 To 500, Add	0.44	
03 21 13 00-0009 LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.84	
For Up To 100, Add	2.92	
For >100 To 200, Add	1.54	
For >200 To 500, Add	0.61	
03 21 13 00-0010 LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.10	
For Up To 100, Add	0.80	
For >100 To 200, Add	0.43	
For >200 To 500, Add	0.17	
03 21 13 00-0011 LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.87	
For Up To 100, Add	1.39	
For >100 To 200, Add	0.74	
For >200 To 500, Add	0.29	
03 21 13 00-0012 LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.83	
For Up To 100, Add	2.13	
For >100 To 200, Add	1.13	
For >200 To 500, Add	0.45	
03 21 13 00-0013 LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.95	
For Up To 100, Add	3.03	
For >100 To 200, Add	1.59	
For >200 To 500, Add	0.64	
03 21 13 00-0014 LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	5.18	
For Up To 100, Add	3.13	
For >100 To 200, Add	1.79	
For >200 To 400, Add	0.85	
03 21 13 00-0015 LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	6.51	
For Up To 100, Add	3.99	
For >100 To 200, Add	2.27	
For >200 To 400, Add	1.08	
03 21 13 00-0016 LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	8.06	
For Up To 100, Add	5.00	
For >100 To 200, Add	2.83	
For >200 To 400, Add	1.35	
03 21 13 00-0017 LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	9.94	
For Up To 100, Add	5.05	
For >100 To 200, Add	2.68	
For >200 To 300, Add	1.34	
03 21 13 00-0018 LF #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	11.93	
For Up To 100, Add	6.14	
For >100 To 200, Add	3.24	
For >200 To 300, Add	1.62	
03 21 13 00-0019 LF #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	16.68	
For Up To 100, Add	8.69	
For >100 To 200, Add	4.56	
For >200 To 300, Add	2.28	
03 21 13 00-0020 LF #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	28.79	
For Up To 100, Add	15.18	
For >100 To 200, Add	7.94	
For >200 To 300, Add	3.97	
03 21 13 00-0021 LF #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	4.06	
For Up To 100, Add	3.14	
For >100 To 200, Add	1.65	
For >200 To 500, Add	0.66	
03 21 13 00-0022 LF #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	5.33	
For Up To 100, Add	3.24	
For >100 To 200, Add	1.85	
For >200 To 400, Add	0.88	



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 13 00-0023	LF #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	6.71	
	For Up To 100, Add	4.14	
	For >100 To 200, Add	2.35	
	For >200 To 400, Add	1.12	
03 21 13 00-0024	LF #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	8.31	
	For Up To 100, Add	5.19	
	For >100 To 200, Add	2.93	
	For >200 To 400, Add	1.40	
03 21 13 00-0025	LF #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	10.26	
	For Up To 100, Add	5.24	
	For >100 To 200, Add	2.77	
	For >200 To 300, Add	1.39	
03 21 13 00-0026	LF #11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	12.32	
	For Up To 100, Add	6.37	
	For >100 To 200, Add	3.36	
	For >200 To 300, Add	1.68	
03 21 13 00-0027	LF #14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	17.24	
	For Up To 100, Add	9.02	
	For >100 To 200, Add	4.73	
	For >200 To 300, Add	2.37	
03 21 13 00-0028	LF #18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	29.78	
	For Up To 100, Add	15.77	
	For >100 To 200, Add	8.24	
	For >200 To 300, Add	4.12	
<b>03 21 13 00-0029</b>	<b>Columns, Galvanized Steel Reinforcement Bar</b> <small>(03 21 13)</small>		
	Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0030	LF #3, Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	1.10	
	For Up To 100, Add	0.78	
	For >100 To 200, Add	0.42	
	For >200 To 500, Add	0.17	
03 21 13 00-0031	LF #4, Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	1.88	
	For Up To 100, Add	1.35	
	For >100 To 200, Add	0.72	
	For >200 To 500, Add	0.29	
03 21 13 00-0032	LF #5, Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	2.82	
	For Up To 100, Add	2.05	
	For >100 To 200, Add	1.09	
	For >200 To 500, Add	0.44	
03 21 13 00-0033	LF #6, Grade 40, Columns, Galvanized Steel Reinforcement Bar.....	3.92	
	For Up To 100, Add	2.90	
	For >100 To 200, Add	1.54	
	For >200 To 500, Add	0.61	
03 21 13 00-0034	LF #3, Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	1.12	
	For Up To 100, Add	0.80	
	For >100 To 200, Add	0.43	
	For >200 To 500, Add	0.17	
03 21 13 00-0035	LF #4, Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	1.91	
	For Up To 100, Add	1.38	
	For >100 To 200, Add	0.73	
	For >200 To 500, Add	0.29	
03 21 13 00-0036	LF #5, Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	2.88	
	For Up To 100, Add	2.11	
	For >100 To 200, Add	1.12	
	For >200 To 500, Add	0.45	
03 21 13 00-0037	LF #6, Grade 50, Columns, Galvanized Steel Reinforcement Bar.....	4.00	
	For Up To 100, Add	2.98	
	For >100 To 200, Add	1.58	
	For >200 To 500, Add	0.63	
03 21 13 00-0038	LF #3, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	1.14	
	For Up To 100, Add	0.82	
	For >100 To 200, Add	0.44	
	For >200 To 500, Add	0.17	
03 21 13 00-0039	LF #4, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	1.96	
	For Up To 100, Add	1.43	
	For >100 To 200, Add	0.76	
	For >200 To 500, Add	0.30	
03 21 13 00-0040	LF #5, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	2.95	
	For Up To 100, Add	2.18	
	For >100 To 200, Add	1.16	
	For >200 To 500, Add	0.46	
03 21 13 00-0041	LF #6, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	4.11	
	For Up To 100, Add	3.09	
	For >100 To 200, Add	1.63	
	For >200 To 500, Add	0.65	
03 21 13 00-0042	LF #7, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	5.37	
	For Up To 100, Add	3.19	
	For >100 To 200, Add	1.83	
	For >200 To 400, Add	0.87	
03 21 13 00-0043	LF #8, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	6.73	
	For Up To 100, Add	4.07	
	For >100 To 200, Add	2.32	
	For >200 To 400, Add	1.10	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0044	LF	#9,	Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	8.32	
				For Up To 100, Add	5.09	
				For >100 To 200, Add	2.90	
				For >200 To 400, Add	1.38	
03 21	13 00-0045	LF	#10,	Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	10.23	
				For Up To 100, Add	5.14	
				For >100 To 200, Add	2.74	
				For >200 To 300, Add	1.37	
03 21	13 00-0046	LF	#11,	Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	12.26	
				For Up To 100, Add	6.23	
				For >100 To 200, Add	3.30	
				For >200 To 300, Add	1.65	
03 21	13 00-0047	LF	#14,	Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	17.13	
				For Up To 100, Add	8.82	
				For >100 To 200, Add	4.65	
				For >200 To 300, Add	2.33	
03 21	13 00-0048	LF	#18,	Grade 60, Columns, Galvanized Steel Reinforcement Bar .....	29.48	
				For Up To 100, Add	15.39	
				For >100 To 200, Add	8.08	
				For >200 To 300, Add	4.04	
03 21	13 00-0049	LF	#6,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	4.22	
				For Up To 100, Add	3.20	
				For >100 To 200, Add	1.69	
				For >200 To 500, Add	0.67	
03 21	13 00-0050	LF	#7,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	5.52	
				For Up To 100, Add	3.30	
				For >100 To 200, Add	1.89	
				For >200 To 400, Add	0.90	
03 21	13 00-0051	LF	#8,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	6.93	
				For Up To 100, Add	4.22	
				For >100 To 200, Add	2.40	
				For >200 To 400, Add	1.14	
03 21	13 00-0052	LF	#9,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	8.57	
				For Up To 100, Add	5.28	
				For >100 To 200, Add	3.00	
				For >200 To 400, Add	1.43	
03 21	13 00-0053	LF	#10,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	10.55	
				For Up To 100, Add	5.33	
				For >100 To 200, Add	2.83	
				For >200 To 300, Add	1.42	
03 21	13 00-0054	LF	#11,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	12.65	
				For Up To 100, Add	6.47	
				For >100 To 200, Add	3.42	
				For >200 To 300, Add	1.71	
03 21	13 00-0055	LF	#14,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	17.69	
				For Up To 100, Add	9.16	
				For >100 To 200, Add	4.82	
				For >200 To 300, Add	2.41	
03 21	13 00-0056	LF	#18,	Grade 75, Columns, Galvanized Steel Reinforcement Bar .....	30.47	
				For Up To 100, Add	15.98	
				For >100 To 200, Add	8.37	
				For >200 To 300, Add	4.19	
 <b>03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar</b> <small>(03 21 13)</small>						
Note: ASTM A-767 Hot Dipped Galvanized Steel.						
03 21	13 00-0058	LF	#3,	Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	0.98	
				For Up To 100, Add	0.73	
				For >100 To 200, Add	0.39	
				For >200 To 500, Add	0.15	
03 21	13 00-0059	LF	#4,	Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	1.68	
				For Up To 100, Add	1.27	
				For >100 To 200, Add	0.67	
				For >200 To 500, Add	0.27	
03 21	13 00-0060	LF	#5,	Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	2.54	
				For Up To 100, Add	1.94	
				For >100 To 200, Add	1.02	
				For >200 To 500, Add	0.41	
03 21	13 00-0061	LF	#6,	Grade 40, Footings, Galvanized Steel Reinforcement Bar .....	3.53	
				For Up To 100, Add	2.74	
				For >100 To 200, Add	1.44	
				For >200 To 500, Add	0.58	
03 21	13 00-0062	LF	#3,	Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.00	
				For Up To 100, Add	0.75	
				For >100 To 200, Add	0.40	
				For >200 To 500, Add	0.16	
03 21	13 00-0063	LF	#4,	Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	1.71	
				For Up To 100, Add	1.30	
				For >100 To 200, Add	0.68	
				For >200 To 500, Add	0.27	
03 21	13 00-0064	LF	#5,	Grade 50, Footings, Galvanized Steel Reinforcement Bar .....	2.60	
				For Up To 100, Add	2.00	
				For >100 To 200, Add	1.05	
				For >200 To 500, Add	0.42	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	3.61	
			For Up To 100, Add	2.82	
			For >100 To 200, Add	1.48	
			For >200 To 500, Add	0.59	
03 21	13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.02	
			For Up To 100, Add	0.77	
			For >100 To 200, Add	0.41	
			For >200 To 500, Add	0.16	
03 21	13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.76	
			For Up To 100, Add	1.35	
			For >100 To 200, Add	0.71	
			For >200 To 500, Add	0.28	
03 21	13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.67	
			For Up To 100, Add	2.07	
			For >100 To 200, Add	1.09	
			For >200 To 500, Add	0.43	
03 21	13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.72	
			For Up To 100, Add	2.93	
			For >100 To 200, Add	1.53	
			For >200 To 500, Add	0.61	
03 21	13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.90	
			For Up To 100, Add	3.03	
			For >100 To 200, Add	1.72	
			For >200 To 400, Add	0.82	
03 21	13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.18	
			For Up To 100, Add	3.88	
			For >100 To 200, Add	2.19	
			For >200 To 400, Add	1.05	
03 21	13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	7.67	
			For Up To 100, Add	4.86	
			For >100 To 200, Add	2.74	
			For >200 To 400, Add	1.31	
03 21	13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	9.48	
			For Up To 100, Add	4.91	
			For >100 To 200, Add	2.59	
			For >200 To 300, Add	1.29	
03 21	13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.42	
			For Up To 100, Add	5.98	
			For >100 To 200, Add	3.14	
			For >200 To 300, Add	1.57	
03 21	13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	16.02	
			For Up To 100, Add	8.49	
			For >100 To 200, Add	4.43	
			For >200 To 300, Add	2.22	
03 21	13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	27.73	
			For Up To 100, Add	14.86	
			For >100 To 200, Add	7.73	
			For >200 To 300, Add	3.86	
03 21	13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.83	
			For Up To 100, Add	3.04	
			For >100 To 200, Add	1.59	
			For >200 To 500, Add	0.64	
03 21	13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.05	
			For Up To 100, Add	3.14	
			For >100 To 200, Add	1.78	
			For >200 To 400, Add	0.85	
03 21	13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	6.38	
			For Up To 100, Add	4.03	
			For >100 To 200, Add	2.27	
			For >200 To 400, Add	1.09	
03 21	13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.92	
			For Up To 100, Add	5.05	
			For >100 To 200, Add	2.84	
			For >200 To 400, Add	1.36	
03 21	13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	9.80	
			For Up To 100, Add	5.11	
			For >100 To 200, Add	2.68	
			For >200 To 300, Add	1.34	
03 21	13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	11.81	
			For Up To 100, Add	6.22	
			For >100 To 200, Add	3.25	
			For >200 To 300, Add	1.63	
03 21	13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	16.58	
			For Up To 100, Add	8.82	
			For >100 To 200, Add	4.60	
			For >200 To 300, Add	2.30	
03 21	13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	28.72	
			For Up To 100, Add	15.46	
			For >100 To 200, Add	8.02	
			For >200 To 300, Add	4.01	

03 21 13 00-0085 Slab On Grade, Galvanized Steel Reinforcement Bar (03 21 13)  
 Note: ASTM A-767 Hot Dipped Galvanized Steel.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0086 LF #3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.96	
<i>For Up To 100, Add</i>	0.72	
<i>For &gt;100 To 200, Add</i>	0.38	
<i>For &gt;200 To 500, Add</i>	0.15	
03 21 13 00-0087 LF #4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.64	
<i>For Up To 100, Add</i>	1.25	
<i>For &gt;100 To 200, Add</i>	0.66	
<i>For &gt;200 To 500, Add</i>	0.26	
03 21 13 00-0088 LF #5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.47	
<i>For Up To 100, Add</i>	1.91	
<i>For &gt;100 To 200, Add</i>	1.00	
<i>For &gt;200 To 500, Add</i>	0.40	
03 21 13 00-0089 LF #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.45	
<i>For Up To 100, Add</i>	2.71	
<i>For &gt;100 To 200, Add</i>	1.42	
<i>For &gt;200 To 500, Add</i>	0.57	
03 21 13 00-0090 LF #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	0.98	
<i>For Up To 100, Add</i>	0.74	
<i>For &gt;100 To 200, Add</i>	0.39	
<i>For &gt;200 To 500, Add</i>	0.16	
03 21 13 00-0091 LF #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.67	
<i>For Up To 100, Add</i>	1.28	
<i>For &gt;100 To 200, Add</i>	0.67	
<i>For &gt;200 To 500, Add</i>	0.27	
03 21 13 00-0092 LF #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.53	
<i>For Up To 100, Add</i>	1.97	
<i>For &gt;100 To 200, Add</i>	1.03	
<i>For &gt;200 To 500, Add</i>	0.41	
03 21 13 00-0093 LF #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.53	
<i>For Up To 100, Add</i>	2.79	
<i>For &gt;100 To 200, Add</i>	1.46	
<i>For &gt;200 To 500, Add</i>	0.58	
03 21 13 00-0094 LF #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.00	
<i>For Up To 100, Add</i>	0.76	
<i>For &gt;100 To 200, Add</i>	0.40	
<i>For &gt;200 To 500, Add</i>	0.16	
03 21 13 00-0095 LF #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	1.72	
<i>For Up To 100, Add</i>	1.33	
<i>For &gt;100 To 200, Add</i>	0.70	
<i>For &gt;200 To 500, Add</i>	0.28	
03 21 13 00-0096 LF #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	2.60	
<i>For Up To 100, Add</i>	2.04	
<i>For &gt;100 To 200, Add</i>	1.07	
<i>For &gt;200 To 500, Add</i>	0.43	
03 21 13 00-0097 LF #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.64	
<i>For Up To 100, Add</i>	2.90	
<i>For &gt;100 To 200, Add</i>	1.51	
<i>For &gt;200 To 500, Add</i>	0.61	
03 21 13 00-0098 LF #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.81	
<i>For Up To 100, Add</i>	3.00	
<i>For &gt;100 To 200, Add</i>	1.69	
<i>For &gt;200 To 400, Add</i>	0.81	
03 21 13 00-0099 LF #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	6.07	
<i>For Up To 100, Add</i>	3.84	
<i>For &gt;100 To 200, Add</i>	2.16	
<i>For &gt;200 To 400, Add</i>	1.04	
03 21 13 00-0100 LF #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	7.54	
<i>For Up To 100, Add</i>	4.82	
<i>For &gt;100 To 200, Add</i>	2.70	
<i>For &gt;200 To 400, Add</i>	1.30	
03 21 13 00-0101 LF #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	9.32	
<i>For Up To 100, Add</i>	4.87	
<i>For &gt;100 To 200, Add</i>	2.55	
<i>For &gt;200 To 300, Add</i>	1.28	
03 21 13 00-0102 LF #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	11.25	
<i>For Up To 100, Add</i>	5.93	
<i>For &gt;100 To 200, Add</i>	3.10	
<i>For &gt;200 To 300, Add</i>	1.55	
03 21 13 00-0103 LF #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	15.79	
<i>For Up To 100, Add</i>	8.42	
<i>For &gt;100 To 200, Add</i>	4.39	
<i>For &gt;200 To 300, Add</i>	2.19	
03 21 13 00-0104 LF #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar .....	27.38	
<i>For Up To 100, Add</i>	14.76	
<i>For &gt;100 To 200, Add</i>	7.66	
<i>For &gt;200 To 300, Add</i>	3.83	
03 21 13 00-0105 LF #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	3.75	
<i>For Up To 100, Add</i>	3.01	
<i>For &gt;100 To 200, Add</i>	1.57	
<i>For &gt;200 To 500, Add</i>	0.63	
03 21 13 00-0106 LF #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	4.96	
<i>For Up To 100, Add</i>	3.11	
<i>For &gt;100 To 200, Add</i>	1.75	
<i>For &gt;200 To 400, Add</i>	0.84	



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 13 00-0107	LF #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	6.27	
	For Up To 100, Add	3.99	
	For >100 To 200, Add	2.24	
	For >200 To 400, Add	1.08	
03 21 13 00-0108	LF #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	7.79	
	For Up To 100, Add	5.01	
	For >100 To 200, Add	2.80	
	For >200 To 400, Add	1.35	
03 21 13 00-0109	LF #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	9.64	
	For Up To 100, Add	5.06	
	For >100 To 200, Add	2.65	
	For >200 To 300, Add	1.33	
03 21 13 00-0110	LF #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	11.64	
	For Up To 100, Add	6.17	
	For >100 To 200, Add	3.22	
	For >200 To 300, Add	1.61	
03 21 13 00-0111	LF #14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	16.35	
	For Up To 100, Add	8.75	
	For >100 To 200, Add	4.55	
	For >200 To 300, Add	2.28	
03 21 13 00-0112	LF #18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar .....	28.37	
	For Up To 100, Add	15.35	
	For >100 To 200, Add	7.95	
	For >200 To 300, Add	3.98	
<b>03 21 13 00-0113</b>	<b>Elevated Slabs, Galvanized Steel Reinforcement Bar</b> <small>(03 21 13)</small>		
	Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0114	LF #3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.90	
	For Up To 100, Add	0.70	
	For >100 To 200, Add	0.37	
	For >200 To 500, Add	0.15	
03 21 13 00-0115	LF #4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.55	
	For Up To 100, Add	1.21	
	For >100 To 200, Add	0.64	
	For >200 To 500, Add	0.25	
03 21 13 00-0116	LF #5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.36	
	For Up To 100, Add	1.87	
	For >100 To 200, Add	0.98	
	For >200 To 500, Add	0.39	
03 21 13 00-0117	LF #6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.29	
	For Up To 100, Add	2.65	
	For >100 To 200, Add	1.38	
	For >200 To 500, Add	0.55	
03 21 13 00-0118	LF #3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.92	
	For Up To 100, Add	0.72	
	For >100 To 200, Add	0.38	
	For >200 To 500, Add	0.15	
03 21 13 00-0119	LF #4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.58	
	For Up To 100, Add	1.24	
	For >100 To 200, Add	0.65	
	For >200 To 500, Add	0.26	
03 21 13 00-0120	LF #5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.42	
	For Up To 100, Add	1.93	
	For >100 To 200, Add	1.01	
	For >200 To 500, Add	0.40	
03 21 13 00-0121	LF #6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.37	
	For Up To 100, Add	2.73	
	For >100 To 200, Add	1.42	
	For >200 To 500, Add	0.57	
03 21 13 00-0122	LF #3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	0.94	
	For Up To 100, Add	0.74	
	For >100 To 200, Add	0.39	
	For >200 To 500, Add	0.15	
03 21 13 00-0123	LF #4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	1.63	
	For Up To 100, Add	1.29	
	For >100 To 200, Add	0.68	
	For >200 To 500, Add	0.27	
03 21 13 00-0124	LF #5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	2.49	
	For Up To 100, Add	2.00	
	For >100 To 200, Add	1.04	
	For >200 To 500, Add	0.42	
03 21 13 00-0125	LF #6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.48	
	For Up To 100, Add	2.84	
	For >100 To 200, Add	1.47	
	For >200 To 500, Add	0.59	
03 21 13 00-0126	LF #7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	4.62	
	For Up To 100, Add	2.93	
	For >100 To 200, Add	1.65	
	For >200 To 400, Add	0.79	
03 21 13 00-0127	LF #8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	5.84	
	For Up To 100, Add	3.76	
	For >100 To 200, Add	2.10	
	For >200 To 400, Add	1.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0128 LF #9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	7.29	
<i>For Up To 100, Add</i>	4.73	
<i>For &gt;100 To 200, Add</i>	2.64	
<i>For &gt;200 To 400, Add</i>	1.27	
03 21 13 00-0129 LF #10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	9.03	
<i>For Up To 100, Add</i>	4.78	
<i>For &gt;100 To 200, Add</i>	2.50	
<i>For &gt;200 To 300, Add</i>	1.25	
03 21 13 00-0130 LF #11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	10.91	
<i>For Up To 100, Add</i>	5.83	
<i>For &gt;100 To 200, Add</i>	3.03	
<i>For &gt;200 To 300, Add</i>	1.52	
03 21 13 00-0131 LF #14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	15.36	
<i>For Up To 100, Add</i>	8.29	
<i>For &gt;100 To 200, Add</i>	4.30	
<i>For &gt;200 To 300, Add</i>	2.15	
03 21 13 00-0132 LF #18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	26.70	
<i>For Up To 100, Add</i>	14.55	
<i>For &gt;100 To 200, Add</i>	7.52	
<i>For &gt;200 To 300, Add</i>	3.76	
03 21 13 00-0133 LF #6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	3.59	
<i>For Up To 100, Add</i>	2.95	
<i>For &gt;100 To 200, Add</i>	1.53	
<i>For &gt;200 To 500, Add</i>	0.61	
03 21 13 00-0134 LF #7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	4.77	
<i>For Up To 100, Add</i>	3.04	
<i>For &gt;100 To 200, Add</i>	1.71	
<i>For &gt;200 To 400, Add</i>	0.82	
03 21 13 00-0135 LF #8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	6.04	
<i>For Up To 100, Add</i>	3.91	
<i>For &gt;100 To 200, Add</i>	2.18	
<i>For &gt;200 To 400, Add</i>	1.05	
03 21 13 00-0136 LF #9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	7.54	
<i>For Up To 100, Add</i>	4.92	
<i>For &gt;100 To 200, Add</i>	2.74	
<i>For &gt;200 To 400, Add</i>	1.32	
03 21 13 00-0137 LF #10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	9.35	
<i>For Up To 100, Add</i>	4.97	
<i>For &gt;100 To 200, Add</i>	2.59	
<i>For &gt;200 To 300, Add</i>	1.30	
03 21 13 00-0138 LF #11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	11.30	
<i>For Up To 100, Add</i>	6.06	
<i>For &gt;100 To 200, Add</i>	3.15	
<i>For &gt;200 To 300, Add</i>	1.58	
03 21 13 00-0139 LF #14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	15.92	
<i>For Up To 100, Add</i>	8.63	
<i>For &gt;100 To 200, Add</i>	4.47	
<i>For &gt;200 To 300, Add</i>	2.23	
03 21 13 00-0140 LF #18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar .....	27.69	
<i>For Up To 100, Add</i>	15.15	
<i>For &gt;100 To 200, Add</i>	7.82	
<i>For &gt;200 To 300, Add</i>	3.91	
<b>03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small></b>		
<i>Note: ASTM A-767 Hot Dipped Galvanized Steel.</i>		
03 21 13 00-0142 LF #3, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	0.88	
<i>For Up To 100, Add</i>	0.69	
<i>For &gt;100 To 200, Add</i>	0.36	
<i>For &gt;200 To 500, Add</i>	0.14	
03 21 13 00-0143 LF #4, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	1.51	
<i>For Up To 100, Add</i>	1.20	
<i>For &gt;100 To 200, Add</i>	0.63	
<i>For &gt;200 To 500, Add</i>	0.25	
03 21 13 00-0144 LF #5, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	2.29	
<i>For Up To 100, Add</i>	1.84	
<i>For &gt;100 To 200, Add</i>	0.96	
<i>For &gt;200 To 500, Add</i>	0.38	
03 21 13 00-0145 LF #6, Grade 40, Walls, Galvanized Steel Reinforcement Bar .....	3.22	
<i>For Up To 100, Add</i>	2.62	
<i>For &gt;100 To 200, Add</i>	1.36	
<i>For &gt;200 To 500, Add</i>	0.54	
03 21 13 00-0146 LF #3, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	0.90	
<i>For Up To 100, Add</i>	0.71	
<i>For &gt;100 To 200, Add</i>	0.37	
<i>For &gt;200 To 500, Add</i>	0.15	
03 21 13 00-0147 LF #4, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	1.54	
<i>For Up To 100, Add</i>	1.23	
<i>For &gt;100 To 200, Add</i>	0.64	
<i>For &gt;200 To 500, Add</i>	0.26	
03 21 13 00-0148 LF #5, Grade 50, Walls, Galvanized Steel Reinforcement Bar .....	2.35	
<i>For Up To 100, Add</i>	1.90	
<i>For &gt;100 To 200, Add</i>	0.99	
<i>For &gt;200 To 500, Add</i>	0.40	

<b>03</b>	<b>Concrete</b>
<b>03 20</b>	<b>Concrete Reinforcing</b>
<b>03 21</b>	<b>Reinforcement Bars</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	3.30	
			For Up To 100, Add	2.70	
			For >100 To 200, Add	1.40	
			For >200 To 500, Add	0.56	
03 21	13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.92	
			For Up To 100, Add	0.73	
			For >100 To 200, Add	0.38	
			For >200 To 500, Add	0.15	
03 21	13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.59	
			For Up To 100, Add	1.28	
			For >100 To 200, Add	0.67	
			For >200 To 500, Add	0.27	
03 21	13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.42	
			For Up To 100, Add	1.97	
			For >100 To 200, Add	1.02	
			For >200 To 500, Add	0.41	
03 21	13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.41	
			For Up To 100, Add	2.81	
			For >100 To 200, Add	1.46	
			For >200 To 500, Add	0.58	
03 21	13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.51	
			For Up To 100, Add	2.89	
			For >100 To 200, Add	1.62	
			For >200 To 400, Add	0.78	
03 21	13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.73	
			For Up To 100, Add	3.72	
			For >100 To 200, Add	2.07	
			For >200 To 400, Add	1.00	
03 21	13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.16	
			For Up To 100, Add	4.69	
			For >100 To 200, Add	2.61	
			For >200 To 400, Add	1.26	
03 21	13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	8.88	
			For Up To 100, Add	4.73	
			For >100 To 200, Add	2.47	
			For >200 To 300, Add	1.23	
03 21	13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	10.74	
			For Up To 100, Add	5.78	
			For >100 To 200, Add	3.00	
			For >200 To 300, Add	1.50	
03 21	13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	15.14	
			For Up To 100, Add	8.22	
			For >100 To 200, Add	4.26	
			For >200 To 300, Add	2.13	
03 21	13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	26.35	
			For Up To 100, Add	14.45	
			For >100 To 200, Add	7.45	
			For >200 To 300, Add	3.73	
03 21	13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.52	
			For Up To 100, Add	2.92	
			For >100 To 200, Add	1.51	
			For >200 To 500, Add	0.60	
03 21	13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.66	
			For Up To 100, Add	3.00	
			For >100 To 200, Add	1.68	
			For >200 To 400, Add	0.81	
03 21	13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.93	
			For Up To 100, Add	3.87	
			For >100 To 200, Add	2.15	
			For >200 To 400, Add	1.04	
03 21	13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	7.41	
			For Up To 100, Add	4.87	
			For >100 To 200, Add	2.71	
			For >200 To 400, Add	1.31	
03 21	13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	9.20	
			For Up To 100, Add	4.93	
			For >100 To 200, Add	2.56	
			For >200 To 300, Add	1.28	
03 21	13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.13	
			For Up To 100, Add	6.01	
			For >100 To 200, Add	3.12	
			For >200 To 300, Add	1.56	
03 21	13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	15.70	
			For Up To 100, Add	8.56	
			For >100 To 200, Add	4.42	
			For >200 To 300, Add	2.21	
03 21	13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	27.34	
			For Up To 100, Add	15.04	
			For >100 To 200, Add	7.75	
			For >200 To 300, Add	3.87	

### 03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)

03 21 16 00-0001 Beams And Girders, Epoxy Coated Steel Reinforcement Bar (03 21 16)  
 Note: ASTM A-775 Epoxy Coated Steel.



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0002	LF	#3,		Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.04		
				<i>For Up To 100, Add</i>	0.74	
				<i>For &gt;100 To 200, Add</i>	0.40	
				<i>For &gt;200 To 500, Add</i>	0.16	
03 21 16 00-0003	LF	#4,		Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.75		
				<i>For Up To 100, Add</i>	1.27	
				<i>For &gt;100 To 200, Add</i>	0.68	
				<i>For &gt;200 To 500, Add</i>	0.27	
03 21 16 00-0004	LF	#5,		Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 2.65		
				<i>For Up To 100, Add</i>	1.95	
				<i>For &gt;100 To 200, Add</i>	1.04	
				<i>For &gt;200 To 500, Add</i>	0.41	
03 21 16 00-0005	LF	#6,		Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 3.68		
				<i>For Up To 100, Add</i>	2.76	
				<i>For &gt;100 To 200, Add</i>	1.46	
				<i>For &gt;200 To 500, Add</i>	0.58	
03 21 16 00-0006	LF	#3,		Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.05		
				<i>For Up To 100, Add</i>	0.75	
				<i>For &gt;100 To 200, Add</i>	0.40	
				<i>For &gt;200 To 500, Add</i>	0.16	
03 21 16 00-0007	LF	#4,		Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.79		
				<i>For Up To 100, Add</i>	1.31	
				<i>For &gt;100 To 200, Add</i>	0.70	
				<i>For &gt;200 To 500, Add</i>	0.28	
03 21 16 00-0008	LF	#5,		Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 2.70		
				<i>For Up To 100, Add</i>	2.00	
				<i>For &gt;100 To 200, Add</i>	1.06	
				<i>For &gt;200 To 500, Add</i>	0.42	
03 21 16 00-0009	LF	#6,		Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 3.76		
				<i>For Up To 100, Add</i>	2.84	
				<i>For &gt;100 To 200, Add</i>	1.50	
				<i>For &gt;200 To 500, Add</i>	0.60	
03 21 16 00-0010	LF	#3,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.08		
				<i>For Up To 100, Add</i>	0.78	
				<i>For &gt;100 To 200, Add</i>	0.42	
				<i>For &gt;200 To 500, Add</i>	0.17	
03 21 16 00-0011	LF	#4,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 1.83		
				<i>For Up To 100, Add</i>	1.35	
				<i>For &gt;100 To 200, Add</i>	0.72	
				<i>For &gt;200 To 500, Add</i>	0.29	
03 21 16 00-0012	LF	#5,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 2.78		
				<i>For Up To 100, Add</i>	2.08	
				<i>For &gt;100 To 200, Add</i>	1.10	
				<i>For &gt;200 To 500, Add</i>	0.44	
03 21 16 00-0013	LF	#6,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 3.87		
				<i>For Up To 100, Add</i>	2.95	
				<i>For &gt;100 To 200, Add</i>	1.55	
				<i>For &gt;200 To 500, Add</i>	0.62	
03 21 16 00-0014	LF	#7,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 5.07		
				<i>For Up To 100, Add</i>	3.04	
				<i>For &gt;100 To 200, Add</i>	1.74	
				<i>For &gt;200 To 400, Add</i>	0.82	
03 21 16 00-0015	LF	#8,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 6.37		
				<i>For Up To 100, Add</i>	3.89	
				<i>For &gt;100 To 200, Add</i>	2.21	
				<i>For &gt;200 To 400, Add</i>	1.05	
03 21 16 00-0016	LF	#9,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 7.88		
				<i>For Up To 100, Add</i>	4.87	
				<i>For &gt;100 To 200, Add</i>	2.76	
				<i>For &gt;200 To 400, Add</i>	1.32	
03 21 16 00-0017	LF	#10,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 9.71		
				<i>For Up To 100, Add</i>	4.91	
				<i>For &gt;100 To 200, Add</i>	2.61	
				<i>For &gt;200 To 300, Add</i>	1.30	
03 21 16 00-0018	LF	#11,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 11.64		
				<i>For Up To 100, Add</i>	5.96	
				<i>For &gt;100 To 200, Add</i>	3.15	
				<i>For &gt;200 To 300, Add</i>	1.58	
03 21 16 00-0019	LF	#14,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 16.26		
				<i>For Up To 100, Add</i>	8.43	
				<i>For &gt;100 To 200, Add</i>	4.44	
				<i>For &gt;200 To 300, Add</i>	2.22	
03 21 16 00-0020	LF	#18,		Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 28.05		
				<i>For Up To 100, Add</i>	14.74	
				<i>For &gt;100 To 200, Add</i>	7.72	
				<i>For &gt;200 To 300, Add</i>	3.86	
03 21 16 00-0021	LF	#6,		Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 3.98		
				<i>For Up To 100, Add</i>	3.06	
				<i>For &gt;100 To 200, Add</i>	1.61	
				<i>For &gt;200 To 500, Add</i>	0.64	
03 21 16 00-0022	LF	#7,		Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... 5.22		
				<i>For Up To 100, Add</i>	3.16	
				<i>For &gt;100 To 200, Add</i>	1.80	
				<i>For &gt;200 To 400, Add</i>	0.85	





MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 16 00-0023	LF #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	6.56 4.03 2.29 1.09	
03 21 16 00-0024	LF #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	8.13 5.05 2.86 1.37	
03 21 16 00-0025	LF #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	10.02 5.10 2.70 1.35	
03 21 16 00-0026	LF #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	12.03 6.20 3.27 1.63	
03 21 16 00-0027	LF #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	16.82 8.77 4.61 2.30	
03 21 16 00-0028	LF #18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 300, Add</i>	29.04 15.33 8.01 4.01	
<b>03 21 16 00-0029</b>	<b>Columns, Epoxy Coated Steel Reinforcement Bar</b> <small>(03 21 16)</small> Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0030	LF #3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.08 0.76 0.41 0.16	
03 21 16 00-0031	LF #4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.84 1.31 0.70 0.28	
03 21 16 00-0032	LF #5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.77 2.00 1.07 0.43	
03 21 16 00-0033	LF #6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	3.84 2.82 1.50 0.60	
03 21 16 00-0034	LF #3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.09 0.77 0.41 0.16	
03 21 16 00-0035	LF #4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.88 1.35 0.72 0.29	
03 21 16 00-0036	LF #5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.82 2.05 1.09 0.44	
03 21 16 00-0037	LF #6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	3.92 2.90 1.54 0.61	
03 21 16 00-0038	LF #3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.12 0.80 0.43 0.17	
03 21 16 00-0039	LF #4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	1.92 1.39 0.74 0.30	
03 21 16 00-0040	LF #5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	2.90 2.13 1.13 0.45	
03 21 16 00-0041	LF #6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 500, Add</i>	4.03 3.01 1.59 0.64	
03 21 16 00-0042	LF #7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	5.26 3.11 1.79 0.84	
03 21 16 00-0043	LF #8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar ..... <i>For Up To 100, Add</i> <i>For &gt;100 To 200, Add</i> <i>For &gt;200 To 400, Add</i>	6.59 3.96 2.27 1.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0044 LF #9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	8.14	
<i>For Up To 100, Add</i>	4.96	
<i>For &gt;100 To 200, Add</i>	2.83	
<i>For &gt;200 To 400, Add</i>	1.34	
03 21 16 00-0045 LF #10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	10.00	
<i>For Up To 100, Add</i>	5.00	
<i>For &gt;100 To 200, Add</i>	2.67	
<i>For &gt;200 To 300, Add</i>	1.33	
03 21 16 00-0046 LF #11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	11.97	
<i>For Up To 100, Add</i>	6.06	
<i>For &gt;100 To 200, Add</i>	3.22	
<i>For &gt;200 To 300, Add</i>	1.61	
03 21 16 00-0047 LF #14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	16.71	
<i>For Up To 100, Add</i>	8.57	
<i>For &gt;100 To 200, Add</i>	4.53	
<i>For &gt;200 To 300, Add</i>	2.26	
03 21 16 00-0048 LF #18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar .....	28.74	
<i>For Up To 100, Add</i>	14.94	
<i>For &gt;100 To 200, Add</i>	7.86	
<i>For &gt;200 To 300, Add</i>	3.93	
03 21 16 00-0049 LF #6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	4.14	
<i>For Up To 100, Add</i>	3.12	
<i>For &gt;100 To 200, Add</i>	1.65	
<i>For &gt;200 To 500, Add</i>	0.66	
03 21 16 00-0050 LF #7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	5.41	
<i>For Up To 100, Add</i>	3.22	
<i>For &gt;100 To 200, Add</i>	1.85	
<i>For &gt;200 To 400, Add</i>	0.87	
03 21 16 00-0051 LF #8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	6.78	
<i>For Up To 100, Add</i>	4.11	
<i>For &gt;100 To 200, Add</i>	2.34	
<i>For &gt;200 To 400, Add</i>	1.11	
03 21 16 00-0052 LF #9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	8.39	
<i>For Up To 100, Add</i>	5.14	
<i>For &gt;100 To 200, Add</i>	2.93	
<i>For &gt;200 To 400, Add</i>	1.39	
03 21 16 00-0053 LF #10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	10.31	
<i>For Up To 100, Add</i>	5.19	
<i>For &gt;100 To 200, Add</i>	2.76	
<i>For &gt;200 To 300, Add</i>	1.38	
03 21 16 00-0054 LF #11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	12.36	
<i>For Up To 100, Add</i>	6.29	
<i>For &gt;100 To 200, Add</i>	3.33	
<i>For &gt;200 To 300, Add</i>	1.67	
03 21 16 00-0055 LF #14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	17.27	
<i>For Up To 100, Add</i>	8.90	
<i>For &gt;100 To 200, Add</i>	4.70	
<i>For &gt;200 To 300, Add</i>	2.35	
03 21 16 00-0056 LF #18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar .....	29.73	
<i>For Up To 100, Add</i>	15.54	
<i>For &gt;100 To 200, Add</i>	8.15	
<i>For &gt;200 To 300, Add</i>	4.08	
<b>03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar</b> <small>(03 21 16)</small>		
<small>Note: ASTM A-775 Epoxy Coated Steel.</small>		
03 21 16 00-0058 LF #3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	0.96	
<i>For Up To 100, Add</i>	0.71	
<i>For &gt;100 To 200, Add</i>	0.38	
<i>For &gt;200 To 500, Add</i>	0.15	
03 21 16 00-0059 LF #4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.64	
<i>For Up To 100, Add</i>	1.23	
<i>For &gt;100 To 200, Add</i>	0.65	
<i>For &gt;200 To 500, Add</i>	0.26	
03 21 16 00-0060 LF #5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.49	
<i>For Up To 100, Add</i>	1.89	
<i>For &gt;100 To 200, Add</i>	1.00	
<i>For &gt;200 To 500, Add</i>	0.40	
03 21 16 00-0061 LF #6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.45	
<i>For Up To 100, Add</i>	2.66	
<i>For &gt;100 To 200, Add</i>	1.40	
<i>For &gt;200 To 500, Add</i>	0.56	
03 21 16 00-0062 LF #3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	0.97	
<i>For Up To 100, Add</i>	0.72	
<i>For &gt;100 To 200, Add</i>	0.38	
<i>For &gt;200 To 500, Add</i>	0.15	
03 21 16 00-0063 LF #4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	1.68	
03 21 16 00-0064 LF #5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	2.54	
<i>For Up To 100, Add</i>	1.94	
<i>For &gt;100 To 200, Add</i>	1.02	
<i>For &gt;200 To 500, Add</i>	0.41	
03 21 16 00-0065 LF #6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar .....	3.53	
<i>For Up To 100, Add</i>	2.74	
<i>For &gt;100 To 200, Add</i>	1.44	
<i>For &gt;200 To 500, Add</i>	0.58	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.00	
		<i>For Up To 100, Add</i>		0.75	
		<i>For &gt;100 To 200, Add</i>		0.40	
		<i>For &gt;200 To 500, Add</i>		0.16	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	1.72	
		<i>For Up To 100, Add</i>		1.31	
		<i>For &gt;100 To 200, Add</i>		0.69	
		<i>For &gt;200 To 500, Add</i>		0.28	
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.62	
		<i>For Up To 100, Add</i>		2.02	
		<i>For &gt;100 To 200, Add</i>		1.06	
		<i>For &gt;200 To 500, Add</i>		0.42	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.64	
		<i>For Up To 100, Add</i>		2.85	
		<i>For &gt;100 To 200, Add</i>		1.49	
		<i>For &gt;200 To 500, Add</i>		0.60	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.79	
		<i>For Up To 100, Add</i>		2.94	
		<i>For &gt;100 To 200, Add</i>		1.67	
		<i>For &gt;200 To 400, Add</i>		0.80	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	6.04	
		<i>For Up To 100, Add</i>		3.77	
		<i>For &gt;100 To 200, Add</i>		2.13	
		<i>For &gt;200 To 400, Add</i>		1.02	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	7.49	
		<i>For Up To 100, Add</i>		4.73	
		<i>For &gt;100 To 200, Add</i>		2.66	
		<i>For &gt;200 To 400, Add</i>		1.28	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	9.25	
		<i>For Up To 100, Add</i>		4.78	
		<i>For &gt;100 To 200, Add</i>		2.52	
		<i>For &gt;200 To 300, Add</i>		1.26	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	11.13	
		<i>For Up To 100, Add</i>		5.81	
		<i>For &gt;100 To 200, Add</i>		3.05	
		<i>For &gt;200 To 300, Add</i>		1.52	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	15.60	
		<i>For Up To 100, Add</i>		8.24	
		<i>For &gt;100 To 200, Add</i>		4.31	
		<i>For &gt;200 To 300, Add</i>		2.15	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	26.99	
		<i>For Up To 100, Add</i>		14.42	
		<i>For &gt;100 To 200, Add</i>		7.51	
		<i>For &gt;200 To 300, Add</i>		3.75	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.75	
		<i>For Up To 100, Add</i>		2.96	
		<i>For &gt;100 To 200, Add</i>		1.55	
		<i>For &gt;200 To 500, Add</i>		0.62	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.94	
		<i>For Up To 100, Add</i>		3.06	
		<i>For &gt;100 To 200, Add</i>		1.73	
		<i>For &gt;200 To 400, Add</i>		0.83	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	6.23	
		<i>For Up To 100, Add</i>		3.91	
		<i>For &gt;100 To 200, Add</i>		2.21	
		<i>For &gt;200 To 400, Add</i>		1.06	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	7.74	
		<i>For Up To 100, Add</i>		4.92	
		<i>For &gt;100 To 200, Add</i>		2.76	
		<i>For &gt;200 To 400, Add</i>		1.33	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	9.56	
		<i>For Up To 100, Add</i>		4.96	
		<i>For &gt;100 To 200, Add</i>		2.61	
		<i>For &gt;200 To 300, Add</i>		1.31	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	11.52	
		<i>For Up To 100, Add</i>		6.04	
		<i>For &gt;100 To 200, Add</i>		3.17	
		<i>For &gt;200 To 300, Add</i>		1.58	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	16.16	
		<i>For Up To 100, Add</i>		8.57	
		<i>For &gt;100 To 200, Add</i>		4.47	
		<i>For &gt;200 To 300, Add</i>		2.24	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	27.98	
		<i>For Up To 100, Add</i>		15.01	
		<i>For &gt;100 To 200, Add</i>		7.80	
		<i>For &gt;200 To 300, Add</i>		3.90	
03 21 16 00-0085		Slab On Grade, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>			
		Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.94	
		<i>For Up To 100, Add</i>		0.70	
		<i>For &gt;100 To 200, Add</i>		0.37	
		<i>For &gt;200 To 500, Add</i>		0.15	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
03 21 16 00-0087 LF #4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.60	
<i>For Up To 100, Add</i>	1.21	
<i>For &gt;100 To 200, Add</i>	0.64	
<i>For &gt;200 To 500, Add</i>	0.26	
03 21 16 00-0088 LF #5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.42	
<i>For Up To 100, Add</i>	1.86	
<i>For &gt;100 To 200, Add</i>	0.98	
<i>For &gt;200 To 500, Add</i>	0.39	
03 21 16 00-0089 LF #6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.37	
<i>For Up To 100, Add</i>	2.63	
<i>For &gt;100 To 200, Add</i>	1.38	
<i>For &gt;200 To 500, Add</i>	0.55	
03 21 16 00-0090 LF #3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.95	
<i>For Up To 100, Add</i>	0.71	
<i>For &gt;100 To 200, Add</i>	0.38	
<i>For &gt;200 To 500, Add</i>	0.15	
03 21 16 00-0091 LF #4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.64	
<i>For Up To 100, Add</i>	1.25	
<i>For &gt;100 To 200, Add</i>	0.66	
<i>For &gt;200 To 500, Add</i>	0.26	
03 21 16 00-0092 LF #5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.47	
<i>For Up To 100, Add</i>	1.91	
<i>For &gt;100 To 200, Add</i>	1.00	
<i>For &gt;200 To 500, Add</i>	0.40	
03 21 16 00-0093 LF #6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.45	
<i>For Up To 100, Add</i>	2.71	
<i>For &gt;100 To 200, Add</i>	1.42	
<i>For &gt;200 To 500, Add</i>	0.57	
03 21 16 00-0094 LF #3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.98	
<i>For Up To 100, Add</i>	0.74	
<i>For &gt;100 To 200, Add</i>	0.39	
<i>For &gt;200 To 500, Add</i>	0.16	
03 21 16 00-0095 LF #4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.68	
<i>For Up To 100, Add</i>	1.29	
<i>For &gt;100 To 200, Add</i>	0.68	
<i>For &gt;200 To 500, Add</i>	0.27	
03 21 16 00-0096 LF #5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.55	
<i>For Up To 100, Add</i>	1.99	
<i>For &gt;100 To 200, Add</i>	1.04	
<i>For &gt;200 To 500, Add</i>	0.42	
03 21 16 00-0097 LF #6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.56	
<i>For Up To 100, Add</i>	2.82	
<i>For &gt;100 To 200, Add</i>	1.47	
<i>For &gt;200 To 500, Add</i>	0.59	
03 21 16 00-0098 LF #7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.70	
<i>For Up To 100, Add</i>	2.91	
<i>For &gt;100 To 200, Add</i>	1.65	
<i>For &gt;200 To 400, Add</i>	0.79	
03 21 16 00-0099 LF #8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.93	
<i>For Up To 100, Add</i>	3.73	
<i>For &gt;100 To 200, Add</i>	2.10	
<i>For &gt;200 To 400, Add</i>	1.01	
03 21 16 00-0100 LF #9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.36	
<i>For Up To 100, Add</i>	4.68	
<i>For &gt;100 To 200, Add</i>	2.63	
<i>For &gt;200 To 400, Add</i>	1.26	
03 21 16 00-0101 LF #10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	9.09	
<i>For Up To 100, Add</i>	4.73	
<i>For &gt;100 To 200, Add</i>	2.49	
<i>For &gt;200 To 300, Add</i>	1.24	
03 21 16 00-0102 LF #11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	10.96	
<i>For Up To 100, Add</i>	5.76	
<i>For &gt;100 To 200, Add</i>	3.02	
<i>For &gt;200 To 300, Add</i>	1.51	
03 21 16 00-0103 LF #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	15.37	
<i>For Up To 100, Add</i>	8.17	
<i>For &gt;100 To 200, Add</i>	4.26	
<i>For &gt;200 To 300, Add</i>	2.13	
03 21 16 00-0104 LF #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	26.64	
<i>For Up To 100, Add</i>	14.31	
<i>For &gt;100 To 200, Add</i>	7.44	
<i>For &gt;200 To 300, Add</i>	3.72	
03 21 16 00-0105 LF #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.67	
<i>For Up To 100, Add</i>	2.93	
<i>For &gt;100 To 200, Add</i>	1.53	
<i>For &gt;200 To 500, Add</i>	0.61	
03 21 16 00-0106 LF #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.85	
<i>For Up To 100, Add</i>	3.03	
<i>For &gt;100 To 200, Add</i>	1.71	
<i>For &gt;200 To 400, Add</i>	0.82	
03 21 16 00-0107 LF #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.12	
<i>For Up To 100, Add</i>	3.87	
<i>For &gt;100 To 200, Add</i>	2.18	
<i>For &gt;200 To 400, Add</i>	1.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	7.61	
		<i>For Up To 100, Add</i>		4.87	
		<i>For &gt;100 To 200, Add</i>		2.73	
		<i>For &gt;200 To 400, Add</i>		1.31	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	9.40	
		<i>For Up To 100, Add</i>		4.91	
		<i>For &gt;100 To 200, Add</i>		2.58	
		<i>For &gt;200 To 300, Add</i>		1.29	
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	11.35	
		<i>For Up To 100, Add</i>		5.99	
		<i>For &gt;100 To 200, Add</i>		3.13	
		<i>For &gt;200 To 300, Add</i>		1.57	
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	15.93	
		<i>For Up To 100, Add</i>		8.50	
		<i>For &gt;100 To 200, Add</i>		4.43	
		<i>For &gt;200 To 300, Add</i>		2.21	
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	27.63	
		<i>For Up To 100, Add</i>		14.91	
		<i>For &gt;100 To 200, Add</i>		7.73	
		<i>For &gt;200 To 300, Add</i>		3.87	
<b>03 21 16 00-0113</b>		<b>Elevated Slabs, Epoxy Coated Steel Reinforcement Bar</b> <small>(03 21 16)</small>			
		Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	0.88	
		<i>For Up To 100, Add</i>		0.68	
		<i>For &gt;100 To 200, Add</i>		0.36	
		<i>For &gt;200 To 500, Add</i>		0.14	
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	1.51	
		<i>For Up To 100, Add</i>		1.17	
		<i>For &gt;100 To 200, Add</i>		0.62	
		<i>For &gt;200 To 500, Add</i>		0.25	
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.31	
		<i>For Up To 100, Add</i>		1.82	
		<i>For &gt;100 To 200, Add</i>		0.95	
		<i>For &gt;200 To 500, Add</i>		0.38	
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.21	
		<i>For Up To 100, Add</i>		2.57	
		<i>For &gt;100 To 200, Add</i>		1.34	
		<i>For &gt;200 To 500, Add</i>		0.54	
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	0.89	
		<i>For Up To 100, Add</i>		0.69	
		<i>For &gt;100 To 200, Add</i>		0.36	
		<i>For &gt;200 To 500, Add</i>		0.14	
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	1.55	
		<i>For Up To 100, Add</i>		1.21	
		<i>For &gt;100 To 200, Add</i>		0.64	
		<i>For &gt;200 To 500, Add</i>		0.25	
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.36	
		<i>For Up To 100, Add</i>		1.87	
		<i>For &gt;100 To 200, Add</i>		0.98	
		<i>For &gt;200 To 500, Add</i>		0.39	
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.29	
		<i>For Up To 100, Add</i>		2.65	
		<i>For &gt;100 To 200, Add</i>		1.38	
		<i>For &gt;200 To 500, Add</i>		0.55	
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	0.92	
		<i>For Up To 100, Add</i>		0.72	
		<i>For &gt;100 To 200, Add</i>		0.38	
		<i>For &gt;200 To 500, Add</i>		0.15	
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	1.59	
		<i>For Up To 100, Add</i>		1.25	
		<i>For &gt;100 To 200, Add</i>		0.66	
		<i>For &gt;200 To 500, Add</i>		0.26	
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.44	
		<i>For Up To 100, Add</i>		1.95	
		<i>For &gt;100 To 200, Add</i>		1.02	
		<i>For &gt;200 To 500, Add</i>		0.41	
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.40	
		<i>For Up To 100, Add</i>		2.76	
		<i>For &gt;100 To 200, Add</i>		1.43	
		<i>For &gt;200 To 500, Add</i>		0.57	
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	4.51	
		<i>For Up To 100, Add</i>		2.85	
		<i>For &gt;100 To 200, Add</i>		1.60	
		<i>For &gt;200 To 400, Add</i>		0.77	
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	5.70	
		<i>For Up To 100, Add</i>		3.65	
		<i>For &gt;100 To 200, Add</i>		2.05	
		<i>For &gt;200 To 400, Add</i>		0.98	
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	7.11	
		<i>For Up To 100, Add</i>		4.60	
		<i>For &gt;100 To 200, Add</i>		2.57	
		<i>For &gt;200 To 400, Add</i>		1.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0129 LF #10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.80	
<i>For Up To 100, Add</i>	4.64	
<i>For &gt;100 To 200, Add</i>	2.43	
<i>For &gt;200 To 300, Add</i>	1.21	
03 21 16 00-0130 LF #11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	10.62	
<i>For Up To 100, Add</i>	5.66	
<i>For &gt;100 To 200, Add</i>	2.95	
<i>For &gt;200 To 300, Add</i>	1.47	
03 21 16 00-0131 LF #14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	14.94	
<i>For Up To 100, Add</i>	8.04	
<i>For &gt;100 To 200, Add</i>	4.17	
<i>For &gt;200 To 300, Add</i>	2.09	
03 21 16 00-0132 LF #18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	25.96	
<i>For Up To 100, Add</i>	14.11	
<i>For &gt;100 To 200, Add</i>	7.30	
<i>For &gt;200 To 300, Add</i>	3.65	
03 21 16 00-0133 LF #6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.51	
<i>For Up To 100, Add</i>	2.87	
<i>For &gt;100 To 200, Add</i>	1.49	
<i>For &gt;200 To 500, Add</i>	0.60	
03 21 16 00-0134 LF #7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.66	
<i>For Up To 100, Add</i>	2.96	
<i>For &gt;100 To 200, Add</i>	1.66	
<i>For &gt;200 To 400, Add</i>	0.80	
03 21 16 00-0135 LF #8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.89	
<i>For Up To 100, Add</i>	3.79	
<i>For &gt;100 To 200, Add</i>	2.12	
<i>For &gt;200 To 400, Add</i>	1.02	
03 21 16 00-0136 LF #9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.36	
<i>For Up To 100, Add</i>	4.78	
<i>For &gt;100 To 200, Add</i>	2.67	
<i>For &gt;200 To 400, Add</i>	1.29	
03 21 16 00-0137 LF #10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	9.11	
<i>For Up To 100, Add</i>	4.83	
<i>For &gt;100 To 200, Add</i>	2.52	
<i>For &gt;200 To 300, Add</i>	1.26	
03 21 16 00-0138 LF #11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	11.01	
<i>For Up To 100, Add</i>	5.89	
<i>For &gt;100 To 200, Add</i>	3.06	
<i>For &gt;200 To 300, Add</i>	1.53	
03 21 16 00-0139 LF #14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	15.50	
<i>For Up To 100, Add</i>	8.37	
<i>For &gt;100 To 200, Add</i>	4.34	
<i>For &gt;200 To 300, Add</i>	2.17	
03 21 16 00-0140 LF #18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	26.95	
<i>For Up To 100, Add</i>	14.70	
<i>For &gt;100 To 200, Add</i>	7.60	
<i>For &gt;200 To 300, Add</i>	3.80	
<b>03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar</b> <small>(03 21 16)</small>		
Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0142 LF #3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.86	
<i>For Up To 100, Add</i>	0.67	
<i>For &gt;100 To 200, Add</i>	0.35	
<i>For &gt;200 To 500, Add</i>	0.14	
03 21 16 00-0143 LF #4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.47	
<i>For Up To 100, Add</i>	1.16	
<i>For &gt;100 To 200, Add</i>	0.61	
<i>For &gt;200 To 500, Add</i>	0.24	
03 21 16 00-0144 LF #5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.24	
<i>For Up To 100, Add</i>	1.79	
<i>For &gt;100 To 200, Add</i>	0.93	
<i>For &gt;200 To 500, Add</i>	0.37	
03 21 16 00-0145 LF #6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.14	
<i>For Up To 100, Add</i>	2.54	
<i>For &gt;100 To 200, Add</i>	1.32	
<i>For &gt;200 To 500, Add</i>	0.53	
03 21 16 00-0146 LF #3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.87	
<i>For Up To 100, Add</i>	0.68	
<i>For &gt;100 To 200, Add</i>	0.36	
<i>For &gt;200 To 500, Add</i>	0.14	
03 21 16 00-0147 LF #4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.51	
<i>For Up To 100, Add</i>	1.20	
<i>For &gt;100 To 200, Add</i>	0.63	
<i>For &gt;200 To 500, Add</i>	0.25	
03 21 16 00-0148 LF #5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.29	
<i>For Up To 100, Add</i>	1.84	
<i>For &gt;100 To 200, Add</i>	0.96	
<i>For &gt;200 To 500, Add</i>	0.38	
03 21 16 00-0149 LF #6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.22	
<i>For Up To 100, Add</i>	2.62	
<i>For &gt;100 To 200, Add</i>	1.36	
<i>For &gt;200 To 500, Add</i>	0.54	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.90	
			<i>For Up To 100, Add</i>	0.71	
			<i>For &gt;100 To 200, Add</i>	0.37	
			<i>For &gt;200 To 500, Add</i>	0.15	
03 21	16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.55	
			<i>For Up To 100, Add</i>	1.24	
			<i>For &gt;100 To 200, Add</i>	0.65	
			<i>For &gt;200 To 500, Add</i>	0.26	
03 21	16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.37	
			<i>For Up To 100, Add</i>	1.92	
			<i>For &gt;100 To 200, Add</i>	1.00	
			<i>For &gt;200 To 500, Add</i>	0.40	
03 21	16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.33	
			<i>For Up To 100, Add</i>	2.73	
			<i>For &gt;100 To 200, Add</i>	1.42	
			<i>For &gt;200 To 500, Add</i>	0.57	
03 21	16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.40	
			<i>For Up To 100, Add</i>	2.81	
			<i>For &gt;100 To 200, Add</i>	1.58	
			<i>For &gt;200 To 400, Add</i>	0.76	
03 21	16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.59	
			<i>For Up To 100, Add</i>	3.61	
			<i>For &gt;100 To 200, Add</i>	2.02	
			<i>For &gt;200 To 400, Add</i>	0.97	
03 21	16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.98	
			<i>For Up To 100, Add</i>	4.55	
			<i>For &gt;100 To 200, Add</i>	2.54	
			<i>For &gt;200 To 400, Add</i>	1.23	
03 21	16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.65	
			<i>For Up To 100, Add</i>	4.60	
			<i>For &gt;100 To 200, Add</i>	2.40	
			<i>For &gt;200 To 300, Add</i>	1.20	
03 21	16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	10.45	
			<i>For Up To 100, Add</i>	5.60	
			<i>For &gt;100 To 200, Add</i>	2.91	
			<i>For &gt;200 To 300, Add</i>	1.46	
03 21	16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	14.72	
			<i>For Up To 100, Add</i>	7.97	
			<i>For &gt;100 To 200, Add</i>	4.13	
			<i>For &gt;200 To 300, Add</i>	2.06	
03 21	16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	25.61	
			<i>For Up To 100, Add</i>	14.00	
			<i>For &gt;100 To 200, Add</i>	7.23	
			<i>For &gt;200 To 300, Add</i>	3.61	
03 21	16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.44	
			<i>For Up To 100, Add</i>	2.84	
			<i>For &gt;100 To 200, Add</i>	1.47	
			<i>For &gt;200 To 500, Add</i>	0.59	
03 21	16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.55	
			<i>For Up To 100, Add</i>	2.92	
			<i>For &gt;100 To 200, Add</i>	1.64	
			<i>For &gt;200 To 400, Add</i>	0.79	
03 21	16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.78	
			<i>For Up To 100, Add</i>	3.76	
			<i>For &gt;100 To 200, Add</i>	2.09	
			<i>For &gt;200 To 400, Add</i>	1.01	
03 21	16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.23	
			<i>For Up To 100, Add</i>	4.74	
			<i>For &gt;100 To 200, Add</i>	2.64	
			<i>For &gt;200 To 400, Add</i>	1.28	
03 21	16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.96	
			<i>For Up To 100, Add</i>	4.78	
			<i>For &gt;100 To 200, Add</i>	2.49	
			<i>For &gt;200 To 300, Add</i>	1.25	
03 21	16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	10.84	
			<i>For Up To 100, Add</i>	5.84	
			<i>For &gt;100 To 200, Add</i>	3.03	
			<i>For &gt;200 To 300, Add</i>	1.52	
03 21	16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	15.28	
			<i>For Up To 100, Add</i>	8.31	
			<i>For &gt;100 To 200, Add</i>	4.30	
			<i>For &gt;200 To 300, Add</i>	2.15	
03 21	16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	26.60	
			<i>For Up To 100, Add</i>	14.60	
			<i>For &gt;100 To 200, Add</i>	7.53	
			<i>For &gt;200 To 300, Add</i>	3.76	
03 21	16 00-0169	EA	Epoxy Coated Deformed Straight Dowels <sup>(03 21 16)</sup>		
			Note: Excludes drilling. See CSI section 02 41 19 13-0271 for drilling in concrete.		
03 21	16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.15	
			<i>For Up To 12" Length, Deduct</i>	-0.59	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.29	
03 21	16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.15	
			<i>For Up To 12" Length, Deduct</i>	-0.89	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.44	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Concrete Reinforcing</b>	<b>03 20</b>	
<b>Reinforcement Bars</b>	<b>03 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0172	EA		5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	7.72	
			<i>For Up To 12" Length, Deduct</i>	-1.33	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.66	
03 21 16 00-0173	EA		3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	9.64	
			<i>For Up To 12" Length, Deduct</i>	-1.76	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-0.88	
03 21 16 00-0174	EA		7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	11.71	
			<i>For Up To 12" Length, Deduct</i>	-2.40	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-1.20	
03 21 16 00-0175	EA		1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	13.69	
			<i>For Up To 12" Length, Deduct</i>	-2.96	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-1.48	
03 21 16 00-0176	EA		1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	16.20	
			<i>For Up To 12" Length, Deduct</i>	-3.58	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-1.79	
03 21 16 00-0177	EA		1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	19.52	
			<i>For Up To 12" Length, Deduct</i>	-4.33	
			<i>For &gt;12" To &lt;24" Length, Deduct</i>	-2.17	

**03 22 Fabric and Grid Reinforcing** (03 20)

**03 22 11 Plain Steel Welded Wire Fabric Reinforcing** (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

**03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 11)

Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF		6" x 6" x #10, 21 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	0.99	
			<i>For &gt;5 Ton, Deduct</i>	-0.15	
03 22 11 00-0003	SF		6" x 6" x #8, 30 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.13	
			<i>For &gt;5 Ton, Deduct</i>	-0.17	
03 22 11 00-0004	SF		6" x 6" x #6, 42 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.29	
			<i>For &gt;5 Ton, Deduct</i>	-0.19	
03 22 11 00-0005	SF		6" x 6" x #4, 58 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.52	
			<i>For &gt;5 Ton, Deduct</i>	-0.22	
03 22 11 00-0006	SF		4" x 4" x #10, 31 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.18	
			<i>For &gt;5 Ton, Deduct</i>	-0.18	
03 22 11 00-0007	SF		4" x 4" x #8, 44 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.33	
			<i>For &gt;5 Ton, Deduct</i>	-0.19	
03 22 11 00-0008	SF		4" x 4" x #6, 62 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.67	
			<i>For &gt;5 Ton, Deduct</i>	-0.23	
03 22 11 00-0009	SF		4" x 4" x #4, 85 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.94	
			<i>For &gt;5 Ton, Deduct</i>	-0.27	
03 22 11 00-0010	SF		2" x 2" x #12, 37 Lb./CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9).....	1.80	
			<i>For &gt;5 Ton, Deduct</i>	-0.24	

**03 22 13 Galvanized Welded Wire Fabric Reinforcing** (03 22)

**03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF		6" x 6" x #10, 21 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.10	
			<i>For &gt;5 Ton, Deduct</i>	-0.16	
03 22 13 00-0003	SF		6" x 6" x #8, 29 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.26	
			<i>For &gt;5 Ton, Deduct</i>	-0.18	
03 22 13 00-0004	SF		6" x 6" x #6, 42 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.45	
			<i>For &gt;5 Ton, Deduct</i>	-0.21	
03 22 13 00-0005	SF		6" x 6" x #4, 58 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	1.75	
			<i>For &gt;5 Ton, Deduct</i>	-0.24	
03 22 13 00-0006	SF		4" x 4" x #10, 31 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.33	
			<i>For &gt;5 Ton, Deduct</i>	-0.19	
03 22 13 00-0007	SF		4" x 4" x #8, 43 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1).....	1.52	
			<i>For &gt;5 Ton, Deduct</i>	-0.21	
03 22 13 00-0008	SF		4" x 4" x #6, 62 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9).....	1.96	
			<i>For &gt;5 Ton, Deduct</i>	-0.26	
03 22 13 00-0009	SF		4" x 4" x #4, 85 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0).....	2.31	
			<i>For &gt;5 Ton, Deduct</i>	-0.30	

**03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns** (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF		2" x 2" x #14, 21 Lb./CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5).....	3.90	
			<i>For &gt;5 Ton, Deduct</i>	-0.61	

**03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing** (03 22)

**03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs** (03 22 16)

Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF		6" x 6" x #10, 21 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4).....	1.09	
			<i>For &gt;5 Ton, Deduct</i>	-0.16	

**03 Concrete****03 20 Concrete Reinforcing****03 22 Fabric and Grid Reinforcing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

03 22 16 00-0003	SF	6" x 6" x #8, 29 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....	1.24	
		<i>For &gt;5 Ton, Deduct</i>	-0.18	
03 22 16 00-0004	SF	6" x 6" x #6, 42 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....	1.43	
		<i>For &gt;5 Ton, Deduct</i>	-0.20	
03 22 16 00-0005	SF	6" x 6" x #4, 58 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....	1.72	
		<i>For &gt;5 Ton, Deduct</i>	-0.24	
03 22 16 00-0006	SF	4" x 4" x #10, 31 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4) .....	1.31	
		<i>For &gt;5 Ton, Deduct</i>	-0.19	
03 22 16 00-0007	SF	4" x 4" x #8, 43 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1) .....	1.49	
		<i>For &gt;5 Ton, Deduct</i>	-0.21	
03 22 16 00-0008	SF	4" x 4" x #6, 62 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9) .....	1.92	
		<i>For &gt;5 Ton, Deduct</i>	-0.26	
03 22 16 00-0009	SF	4" x 4" x #4, 85 Lb./CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0) .....	2.26	
		<i>For &gt;5 Ton, Deduct</i>	-0.30	

**03 30 Cast-In-Place Concrete** (03)

See CSI section 01 74 19 00-0064 for hauling over 15 miles.

**03 30 53 Miscellaneous Cast-in-Place Concrete** (03 30)

03 30 53 00-0001	CY	Place Concrete Duct Bank <small>(03 30 53)</small> .....	232.57	
03 30 53 00-0002		<i>Direct Chute, Place 3,000 PSI Concrete Duct Bank .....</i>		
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
		<i>For 3,500 PSI Concrete, Add</i>	9.53	
		<i>For 3,750 PSI Concrete, Add</i>	12.96	
		<i>For 4000 PSI, Add</i>	16.40	
		<i>For 4500 PSI, Add</i>	19.07	
		<i>For 5000 PSI, Add</i>	21.73	
		<i>For 6000 PSI, Add</i>	51.48	
		<i>For 7,500 PSI Concrete, Add</i>	127.83	
		<i>For White Cement Concrete, Add</i>	22.88	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
		<i>For Up To 20, Add</i>	16.77	
		<i>For &gt;20 To 50, Add</i>	6.29	
		<i>For &gt;100 To 200, Deduct</i>	-4.65	
		<i>For &gt;200 To 400, Deduct</i>	-9.30	
		<i>For &gt;400, Deduct</i>	-13.95	
03 30 53 00-0003	CY	Place Concrete Thrust Blocks And Backfill <small>(03 30 53)</small> .....	285.30	
03 30 53 00-0004		<i>Direct Chute, Place 3,000 PSI Concrete Thrust Blocks .....</i>		
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
		<i>For 3,500 PSI Concrete, Add</i>	9.53	
03 30 53 00-0005	CF	Hand Mix And Place Concrete <small>(03 30 53)</small> .....	22.52	
03 30 53 00-0006		<i>Hand Mix And Place 3,000 PSI Concrete .....</i>		
		<i>Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.</i>		
		<i>For Up To 25 CF, Add</i>	2.66	
		<i>For 2,000 PSI Concrete, Deduct</i>	-0.44	
		<i>For 2,500 PSI Concrete, Deduct</i>	-0.22	
		<i>For 3,500 PSI Concrete, Add</i>	0.41	

**03 31 Structural Concrete** (03 30)**03 31 13 Heavyweight Structural Concrete** (03 31)

Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.

**03 31 13 00-0001 Concrete Slab Assemblies** (03 31 13)**03 31 13 00-0002 3,000 PSI Slab On Grade Concrete Slabs Assemblies** (03 31 13 00-0001)

Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003 SF 4" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	9.42	
For 2,000 PSI Concrete, Deduct	-0.25	
For 2,500 PSI Concrete, Deduct	-0.13	
For 3,500 PSI Concrete, Add	0.09	
For 4,000 PSI Concrete, Add	0.29	
For 4,500 PSI Concrete, Add	0.37	
For 5,000 PSI Concrete, Add	0.42	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.57	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.82	
For Up To 500, Add	3.80	
For >500 To 1,000, Add	2.61	
For >1,000 To 2,000, Add	1.42	
For >2,000 To 5,000, Add	0.71	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000 To 35,000, Deduct	-0.47	
For >35,000 To 50,000, Deduct	-0.70	
For >50,000 To 70,000, Deduct	-0.94	
For >70,000, Deduct	-1.17	
03 31 13 00-0004 SF 5" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	10.27	
For 2,000 PSI Concrete, Deduct	-0.28	
For 2,500 PSI Concrete, Deduct	-0.14	
For 3,500 PSI Concrete, Add	0.10	
For 4,000 PSI Concrete, Add	0.33	
For 4,500 PSI Concrete, Add	0.42	
For 5,000 PSI Concrete, Add	0.48	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.57	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.82	
For Up To 500, Add	4.06	
For >500 To 1,000, Add	2.79	
For >1,000 To 2,000, Add	1.53	
For >2,000 To 5,000, Add	0.76	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000 To 35,000, Deduct	-0.52	
For >35,000 To 50,000, Deduct	-0.78	
For >50,000 To 70,000, Deduct	-1.03	
For >70,000, Deduct	-1.29	
03 31 13 00-0005 SF 6" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	11.48	
For 2,000 PSI Concrete, Deduct	-0.33	
For 2,500 PSI Concrete, Deduct	-0.17	
For 3,500 PSI Concrete, Add	0.12	
For 4,000 PSI Concrete, Add	0.39	
For 4,500 PSI Concrete, Add	0.49	
For 5,000 PSI Concrete, Add	0.56	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.57	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.82	
For Up To 500, Add	4.43	
For >500 To 1,000, Add	3.06	
For >1,000 To 2,000, Add	1.68	
For >2,000 To 5,000, Add	0.84	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000 To 35,000, Deduct	-0.59	
For >35,000 To 50,000, Deduct	-0.88	
For >50,000 To 70,000, Deduct	-1.17	
For >70,000, Deduct	-1.46	
03 31 13 00-0006 SF 7" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	12.63	
For 2,000 PSI Concrete, Deduct	-0.38	
For 2,500 PSI Concrete, Deduct	-0.19	
For 3,500 PSI Concrete, Add	0.13	
For 4,000 PSI Concrete, Add	0.45	
For 4,500 PSI Concrete, Add	0.56	
For 5,000 PSI Concrete, Add	0.64	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.57	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.82	
For Up To 500, Add	4.75	
For >500 To 1,000, Add	3.28	
For >1,000 To 2,000, Add	1.82	
For >2,000 To 5,000, Add	0.91	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000 To 35,000, Deduct	-0.67	
For >35,000 To 50,000, Deduct	-0.99	
For >50,000 To 70,000, Deduct	-1.30	
For >70,000, Deduct	-1.62	

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

03 31 13 00-0007	SF 8" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	13.62	
	<i>For 2,000 PSI Concrete, Deduct</i>	-0.42	
	<i>For 2,500 PSI Concrete, Deduct</i>	-0.21	
	<i>For 3,500 PSI Concrete, Add</i>	0.15	
	<i>For 4,000 PSI Concrete, Add</i>	0.49	
	<i>For 4,500 PSI Concrete, Add</i>	0.62	
	<i>For 5,000 PSI Concrete, Add</i>	0.71	
	<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.57	
	<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.82	
	<i>For Up To 500, Add</i>	5.04	
	<i>For &gt;500 To 1,000, Add</i>	3.49	
	<i>For &gt;1,000 To 2,000, Add</i>	1.94	
	<i>For &gt;2,000 To 5,000, Add</i>	0.97	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.39	
	<i>For &gt;20,000 To 35,000, Deduct</i>	-0.73	
	<i>For &gt;35,000 To 50,000, Deduct</i>	-1.07	
	<i>For &gt;50,000 To 70,000, Deduct</i>	-1.41	
	<i>For &gt;70,000, Deduct</i>	-1.75	
03 31 13 00-0008	SF 10" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	16.13	
	<i>For 2,000 PSI Concrete, Deduct</i>	-0.53	
	<i>For 2,500 PSI Concrete, Deduct</i>	-0.27	
	<i>For 3,500 PSI Concrete, Add</i>	0.19	
	<i>For 4,000 PSI Concrete, Add</i>	0.62	
	<i>For 4,500 PSI Concrete, Add</i>	0.78	
	<i>For 5,000 PSI Concrete, Add</i>	0.90	
	<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.57	
	<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.82	
	<i>For Up To 500, Add</i>	5.72	
	<i>For &gt;500 To 1,000, Add</i>	3.98	
	<i>For &gt;1,000 To 2,000, Add</i>	2.24	
	<i>For &gt;2,000 To 5,000, Add</i>	1.12	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.49	
	<i>For &gt;20,000 To 35,000, Deduct</i>	-0.90	
	<i>For &gt;35,000 To 50,000, Deduct</i>	-1.30	
	<i>For &gt;50,000 To 70,000, Deduct</i>	-1.70	
	<i>For &gt;70,000, Deduct</i>	-2.11	
03 31 13 00-0009	SF 12" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	18.07	
	<i>For 2,000 PSI Concrete, Deduct</i>	-0.62	
	<i>For 2,500 PSI Concrete, Deduct</i>	-0.31	
	<i>For 3,500 PSI Concrete, Add</i>	0.22	
	<i>For 4,000 PSI Concrete, Add</i>	0.72	
	<i>For 4,500 PSI Concrete, Add</i>	0.90	
	<i>For 5,000 PSI Concrete, Add</i>	1.04	
	<i>For Reinforcing Rods Are At 18" On Center, Deduct</i>	-0.57	
	<i>For Reinforcing Rods Are At 24" On Center, Deduct</i>	-0.82	
	<i>For Up To 500, Add</i>	6.29	
	<i>For &gt;500 To 1,000, Add</i>	4.38	
	<i>For &gt;1,000 To 2,000, Add</i>	2.48	
	<i>For &gt;2,000 To 5,000, Add</i>	1.24	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.57	
	<i>For &gt;20,000 To 35,000, Deduct</i>	-1.02	
	<i>For &gt;35,000 To 50,000, Deduct</i>	-1.47	
	<i>For &gt;50,000 To 70,000, Deduct</i>	-1.92	
	<i>For &gt;70,000, Deduct</i>	-2.38	
03 31 13 00-0010	<b>Concrete Delivery And Placement</b> <small>(03 31 13)</small>		
	Note: Includes cleaning out equipment and normal concrete placement tests. Costs include equipment usage such as pump truck, crane, chute or chute with conveyor belt. Discounts are based on per job quantity. Fly Ash substitution for Portland will be at no cost adjustment. See CSI section 01 45 23 00-0000 for additional tests, 03 05 13 00-0001 for admixtures.		
03 31 13 00-0011	<b>Place Concrete By Method Indicated</b> <small>(03 31 13 00-0010)</small>		
	Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.		
03 31 13 00-0012	<b>Place Concrete Pile Caps</b> <small>(03 31 13 00-0011)</small>		
03 31 13 00-0013	CY Crane And Bucket, Place 3,000 PSI Concrete Pile Caps.....	336.99	
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
	<i>For 3,500 PSI Concrete, Add</i>	9.53	
	<i>For 3,750 PSI Concrete, Add</i>	12.96	
	<i>For 4000 PSI, Add</i>	16.40	
	<i>For 4500 PSI, Add</i>	19.07	
	<i>For 5000 PSI, Add</i>	21.73	
	<i>For 6000 PSI, Add</i>	51.48	
	<i>For 7,500 PSI Concrete, Add</i>	127.83	
	<i>For White Cement Concrete, Add</i>	22.88	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
	<i>For Up To 20, Add</i>	58.54	
	<i>For &gt;20 To 50, Add</i>	21.95	
	<i>For &gt;100 To 200, Deduct</i>	-6.74	
	<i>For &gt;200 To 400, Deduct</i>	-13.48	
	<i>For &gt;400, Deduct</i>	-20.22	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0014 CY Direct Chute, Place 3,000 PSI Concrete Pile Caps .....	260.24	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	27.84	
For >20 To 50, Add	10.44	
For >100 To 200, Deduct	-5.20	
For >200 To 400, Deduct	-10.41	
For >400, Deduct	-15.61	
03 31 13 00-0015 CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps .....	272.81	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	26.51	
For >20 To 50, Add	9.94	
For >100 To 200, Deduct	-5.46	
For >200 To 400, Deduct	-10.91	
For >400, Deduct	-16.37	
<b>03 31 13 00-0016 Place Concrete Continuous Footings (03 31 13 00-0011)</b>		
03 31 13 00-0017 CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings .....	320.73	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	52.03	
For >20 To 50, Add	19.51	
For >100 To 200, Deduct	-6.41	
For >200 To 400, Deduct	-12.83	
For >400, Deduct	-19.24	
03 31 13 00-0018 CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings .....	252.52	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	24.75	
For >20 To 50, Add	9.28	
For >100 To 200, Deduct	-5.05	
For >200 To 400, Deduct	-10.10	
For >400, Deduct	-15.15	



**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0019	CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings .....	265.44	
	Note: Excludes pumping equipment.		
	For 2,000 PSI Concrete, Deduct	-11.15	
	For 2,500 PSI Concrete, Deduct	-5.58	
	For 3,500 PSI Concrete, Add	10.33	
	For 3,750 PSI Concrete, Add	14.04	
	For 4000 PSI, Add	17.76	
	For 4500 PSI, Add	20.65	
	For 5000 PSI, Add	23.54	
	For 6000 PSI, Add	55.76	
	For 7,500 PSI Concrete, Add	138.48	
	For White Cement Concrete, Add	24.78	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
	For High Early Strength, Type 3 ASTM C150, Add	20.65	
	For Lightweight Aggregate, ASTM C330, Add	72.29	
	For Up To 20, Add	23.56	
	For >20 To 50, Add	8.84	
	For >100 To 200, Deduct	-5.31	
	For >200 To 400, Deduct	-10.62	
	For >400, Deduct	-15.93	
03 31 13 00-0020	Place Concrete Spread Footings (03 31 13 00-0011) .....	410.16	
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings .....	410.16	
	For 2,000 PSI Concrete, Deduct	-10.30	
	For 2,500 PSI Concrete, Deduct	-5.15	
	For 3,500 PSI Concrete, Add	9.53	
	For 3,750 PSI Concrete, Add	12.96	
	For 4000 PSI, Add	16.40	
	For 4500 PSI, Add	19.07	
	For 5000 PSI, Add	21.73	
	For 6000 PSI, Add	51.48	
	For 7,500 PSI Concrete, Add	127.83	
	For White Cement Concrete, Add	22.88	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
	For High Early Strength, Type 3 ASTM C150, Add	19.07	
	For Lightweight Aggregate, ASTM C330, Add	66.73	
	For Up To 20, Add	87.80	
	For >20 To 50, Add	32.93	
	For >100 To 200, Deduct	-8.20	
	For >200 To 400, Deduct	-16.41	
	For >400, Deduct	-24.61	
03 31 13 00-0022	CY Direct Chute, Place 3,000 PSI Concrete Spread Footings.....	295.04	
	For 2,000 PSI Concrete, Deduct	-10.30	
	For 2,500 PSI Concrete, Deduct	-5.15	
	For 3,500 PSI Concrete, Add	9.53	
	For 3,750 PSI Concrete, Add	12.96	
	For 4000 PSI, Add	16.40	
	For 4500 PSI, Add	19.07	
	For 5000 PSI, Add	21.73	
	For 6000 PSI, Add	51.48	
	For 7,500 PSI Concrete, Add	127.83	
	For White Cement Concrete, Add	22.88	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
	For High Early Strength, Type 3 ASTM C150, Add	19.07	
	For Lightweight Aggregate, ASTM C330, Add	66.73	
	For Up To 20, Add	41.76	
	For >20 To 50, Add	15.66	
	For >100 To 200, Deduct	-5.90	
	For >200 To 400, Deduct	-11.80	
	For >400, Deduct	-17.70	
03 31 13 00-0023	CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings.....	305.96	
	Note: Excludes pumping equipment.		
	For 2,000 PSI Concrete, Deduct	-11.15	
	For 2,500 PSI Concrete, Deduct	-5.58	
	For 3,500 PSI Concrete, Add	10.33	
	For 3,750 PSI Concrete, Add	14.04	
	For 4000 PSI, Add	17.76	
	For 4500 PSI, Add	20.65	
	For 5000 PSI, Add	23.54	
	For 6000 PSI, Add	55.76	
	For 7,500 PSI Concrete, Add	138.48	
	For White Cement Concrete, Add	24.78	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
	For High Early Strength, Type 3 ASTM C150, Add	20.65	
	For Lightweight Aggregate, ASTM C330, Add	72.29	
	For Up To 20, Add	39.77	
	For >20 To 50, Add	14.91	
	For >100 To 200, Deduct	-6.12	
	For >200 To 400, Deduct	-12.24	
	For >400, Deduct	-18.36	
03 31 13 00-0024	Place Concrete Mat Foundation (03 31 13 00-0011)		



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0025 CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	229.68	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	15.61	
For >20 To 50, Add	5.85	
For >100 To 200, Deduct	-4.59	
For >200 To 400, Deduct	-9.19	
For >400, Deduct	-13.78	
03 31 13 00-0026 CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	209.22	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	7.43	
For >20 To 50, Add	2.79	
For >100 To 200, Deduct	-4.18	
For >200 To 400, Deduct	-8.37	
For >400, Deduct	-12.55	
03 31 13 00-0027 CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	222.00	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	6.19	
For >20 To 50, Add	2.32	
For >100 To 200, Deduct	-4.44	
For >200 To 400, Deduct	-8.88	
For >400, Deduct	-13.32	
<b>03 31 13 00-0028 Place Concrete Grade Beams (03 31 13 00-0011)</b>		
03 31 13 00-0029 CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams .....	294.72	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	41.63	
For >20 To 50, Add	15.61	
For >100 To 200, Deduct	-5.89	
For >200 To 400, Deduct	-11.79	
For >400, Deduct	-17.68	

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0030	CY	Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	240.14	
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
		<i>For 3,500 PSI Concrete, Add</i>	9.53	
		<i>For 3,750 PSI Concrete, Add</i>	12.96	
		<i>For 4000 PSI, Add</i>	16.40	
		<i>For 4500 PSI, Add</i>	19.07	
		<i>For 5000 PSI, Add</i>	21.73	
		<i>For 6000 PSI, Add</i>	51.48	
		<i>For 7,500 PSI Concrete, Add</i>	127.83	
		<i>For White Cement Concrete, Add</i>	22.88	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
		<i>For Up To 20, Add</i>	19.80	
		<i>For &gt;20 To 50, Add</i>	7.42	
		<i>For &gt;100 To 200, Deduct</i>	-4.80	
		<i>For &gt;200 To 400, Deduct</i>	-9.61	
		<i>For &gt;400, Deduct</i>	-14.41	
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	253.66	
		Note: Excludes pumping equipment.		
		<i>For 2,000 PSI Concrete, Deduct</i>	-11.15	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.58	
		<i>For 3,500 PSI Concrete, Add</i>	10.33	
		<i>For 3,750 PSI Concrete, Add</i>	14.04	
		<i>For 4000 PSI, Add</i>	17.76	
		<i>For 4500 PSI, Add</i>	20.65	
		<i>For 5000 PSI, Add</i>	23.54	
		<i>For 6000 PSI, Add</i>	55.76	
		<i>For 7,500 PSI Concrete, Add</i>	138.48	
		<i>For White Cement Concrete, Add</i>	24.78	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	26.85	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	20.65	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	72.29	
		<i>For Up To 20, Add</i>	18.85	
		<i>For &gt;20 To 50, Add</i>	7.07	
		<i>For &gt;100 To 200, Deduct</i>	-5.07	
		<i>For &gt;200 To 400, Deduct</i>	-10.15	
		<i>For &gt;400, Deduct</i>	-15.22	
03 31 13 00-0032		<b>Place Concrete Slab On Grade</b> (03 31 13 00-0011)		
03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	297.16	
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
		<i>For 3,500 PSI Concrete, Add</i>	9.53	
		<i>For 3,750 PSI Concrete, Add</i>	12.96	
		<i>For 4000 PSI, Add</i>	16.40	
		<i>For 4500 PSI, Add</i>	19.07	
		<i>For 5000 PSI, Add</i>	21.73	
		<i>For 6000 PSI, Add</i>	51.48	
		<i>For 7,500 PSI Concrete, Add</i>	127.83	
		<i>For White Cement Concrete, Add</i>	22.88	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
		<i>For Up To 20, Add</i>	42.60	
		<i>For &gt;20 To 50, Add</i>	15.98	
		<i>For &gt;100 To 200, Deduct</i>	-5.94	
		<i>For &gt;200 To 400, Deduct</i>	-11.89	
		<i>For &gt;400, Deduct</i>	-17.83	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade .....	271.47	
		<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
		<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
		<i>For 3,500 PSI Concrete, Add</i>	9.53	
		<i>For 3,750 PSI Concrete, Add</i>	12.96	
		<i>For 4000 PSI, Add</i>	16.40	
		<i>For 4500 PSI, Add</i>	19.07	
		<i>For 5000 PSI, Add</i>	21.73	
		<i>For 6000 PSI, Add</i>	51.48	
		<i>For 7,500 PSI Concrete, Add</i>	127.83	
		<i>For White Cement Concrete, Add</i>	22.88	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
		<i>For Up To 20, Add</i>	32.33	
		<i>For &gt;20 To 50, Add</i>	12.12	
		<i>For &gt;100 To 200, Deduct</i>	-5.43	
		<i>For &gt;200 To 400, Deduct</i>	-10.86	
		<i>For &gt;400, Deduct</i>	-16.29	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0035 CY Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	241.31	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	20.26	
For >20 To 50, Add	7.60	
For >100 To 200, Deduct	-4.83	
For >200 To 400, Deduct	-9.65	
For >400, Deduct	-14.48	
03 31 13 00-0036 CY >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade .....	229.08	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	15.37	
For >20 To 50, Add	5.76	
For >100 To 200, Deduct	-4.58	
For >200 To 400, Deduct	-9.16	
For >400, Deduct	-13.74	
03 31 13 00-0037 CY Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	248.74	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	16.88	
For >20 To 50, Add	6.33	
For >100 To 200, Deduct	-4.97	
For >200 To 400, Deduct	-9.95	
For >400, Deduct	-14.92	
03 31 13 00-0038 CY >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade .....	238.56	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	12.81	
For >20 To 50, Add	4.80	
For >100 To 200, Deduct	-4.77	
For >200 To 400, Deduct	-9.54	
For >400, Deduct	-14.31	

03 31 13 00-0039 Place Concrete Stairs (03 31 13 00-0011)

**03 Concrete****03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0040	CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	669.87
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15
	<i>For 3,500 PSI Concrete, Add</i>	9.53
	<i>For 3,750 PSI Concrete, Add</i>	12.96
	<i>For 4000 PSI, Add</i>	16.40
	<i>For 4500 PSI, Add</i>	19.07
	<i>For 5000 PSI, Add</i>	21.73
	<i>For 6000 PSI, Add</i>	51.48
	<i>For 7,500 PSI Concrete, Add</i>	127.83
	<i>For White Cement Concrete, Add</i>	22.88
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73
	<i>For Up To 20, Add</i>	191.69
	<i>For &gt;20 To 50, Add</i>	71.88
	<i>For &gt;100 To 200, Deduct</i>	-13.40
	<i>For &gt;200 To 400, Deduct</i>	-26.79
	<i>For &gt;400, Deduct</i>	-40.19
03 31 13 00-0041	CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	418.60
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15
	<i>For 3,500 PSI Concrete, Add</i>	9.53
	<i>For 3,750 PSI Concrete, Add</i>	12.96
	<i>For 4000 PSI, Add</i>	16.40
	<i>For 4500 PSI, Add</i>	19.07
	<i>For 5000 PSI, Add</i>	21.73
	<i>For 6000 PSI, Add</i>	51.48
	<i>For 7,500 PSI Concrete, Add</i>	127.83
	<i>For White Cement Concrete, Add</i>	22.88
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73
	<i>For Up To 20, Add</i>	91.18
	<i>For &gt;20 To 50, Add</i>	34.19
	<i>For &gt;100 To 200, Deduct</i>	-8.37
	<i>For &gt;200 To 400, Deduct</i>	-16.74
	<i>For &gt;400, Deduct</i>	-25.12
03 31 13 00-0042	CY Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs.....	396.50
	Note: Excludes pumping equipment.	
	<i>For 2,000 PSI Concrete, Deduct</i>	-11.15
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.58
	<i>For 3,500 PSI Concrete, Add</i>	10.33
	<i>For 3,750 PSI Concrete, Add</i>	14.04
	<i>For 4000 PSI, Add</i>	17.76
	<i>For 4500 PSI, Add</i>	20.65
	<i>For 5000 PSI, Add</i>	23.54
	<i>For 6000 PSI, Add</i>	55.76
	<i>For 7,500 PSI Concrete, Add</i>	138.48
	<i>For White Cement Concrete, Add</i>	24.78
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	26.85
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	20.65
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	72.29
	<i>For Up To 20, Add</i>	75.99
	<i>For &gt;20 To 50, Add</i>	28.50
	<i>For &gt;100 To 200, Deduct</i>	-7.93
	<i>For &gt;200 To 400, Deduct</i>	-15.86
	<i>For &gt;400, Deduct</i>	-23.79

03 31 13 00-0043 Place Concrete Superstructure By Method Indicated (03 31 13 00-0010)  
See CSI section 03 37 16 00-0001 for concrete pump truck.

03 31 13 00-0044 Place Elevated Concrete Beams (03 31 13 00-0043)

03 31 13 00-0045	CY Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	450.81
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15
	<i>For 3,500 PSI Concrete, Add</i>	9.53
	<i>For 3,750 PSI Concrete, Add</i>	12.96
	<i>For 4000 PSI, Add</i>	16.40
	<i>For 4500 PSI, Add</i>	19.07
	<i>For 5000 PSI, Add</i>	21.73
	<i>For 6000 PSI, Add</i>	51.48
	<i>For 7,500 PSI Concrete, Add</i>	127.83
	<i>For White Cement Concrete, Add</i>	22.88
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73
	<i>For Up To 20, Add</i>	104.06
	<i>For &gt;20 To 50, Add</i>	39.02
	<i>For &gt;100 To 200, Deduct</i>	-9.02
	<i>For &gt;200 To 400, Deduct</i>	-18.03
	<i>For &gt;400, Deduct</i>	-27.05



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0046 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	324.37	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	47.14	
For >20 To 50, Add	17.68	
For >100 To 200, Deduct	-6.49	
For >200 To 400, Deduct	-12.97	
For >400, Deduct	-19.46	
<b>03 31 13 00-0047 Place Elevated Concrete Slab (03 31 13 00-0043)</b>		
03 31 13 00-0048 CY Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....	313.13	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	48.99	
For >20 To 50, Add	18.37	
For >100 To 200, Deduct	-6.26	
For >200 To 400, Deduct	-12.53	
For >400, Deduct	-18.79	
03 31 13 00-0049 CY >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab .....	283.58	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	37.17	
For >20 To 50, Add	13.94	
For >100 To 200, Deduct	-5.67	
For >200 To 400, Deduct	-11.34	
For >400, Deduct	-17.01	
03 31 13 00-0050 CY Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	262.01	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	22.19	
For >20 To 50, Add	8.32	
For >100 To 200, Deduct	-5.24	
For >200 To 400, Deduct	-10.48	
For >400, Deduct	-15.72	



<b>03</b>	<b>03 Concrete</b>
	<b>03 30 Cast-In-Place Concrete</b>
	<b>03 31 Structural Concrete</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0051 CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab .....	248.62	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	16.84	
For >20 To 50, Add	6.31	
For >100 To 200, Deduct	-4.97	
For >200 To 400, Deduct	-9.94	
For >400, Deduct	-14.92	
<b>03 31 13 00-0052 Place Concrete Columns (03 31 13 00-0043)</b>		
03 31 13 00-0053 CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	471.62	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	112.39	
For >20 To 50, Add	42.15	
For >100 To 200, Deduct	-9.43	
For >200 To 400, Deduct	-18.86	
For >400, Deduct	-28.30	
03 31 13 00-0054 CY 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	394.87	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	81.69	
For >20 To 50, Add	30.63	
For >100 To 200, Deduct	-7.90	
For >200 To 400, Deduct	-15.79	
For >400, Deduct	-23.69	
03 31 13 00-0055 CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	339.98	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	59.73	
For >20 To 50, Add	22.40	
For >100 To 200, Deduct	-6.80	
For >200 To 400, Deduct	-13.60	
For >400, Deduct	-20.40	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0056 CY 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns .....	315.53	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	49.95	
For >20 To 50, Add	18.73	
For >100 To 200, Deduct	-6.31	
For >200 To 400, Deduct	-12.62	
For >400, Deduct	-18.93	
03 31 13 00-0057 CY 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	333.79	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	50.90	
For >20 To 50, Add	19.09	
For >100 To 200, Deduct	-6.68	
For >200 To 400, Deduct	-13.35	
For >400, Deduct	-20.03	
03 31 13 00-0058 CY 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	299.03	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	37.00	
For >20 To 50, Add	13.88	
For >100 To 200, Deduct	-5.98	
For >200 To 400, Deduct	-11.96	
For >400, Deduct	-17.94	
03 31 13 00-0059 CY 24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....	274.17	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	27.06	
For >20 To 50, Add	10.15	
For >100 To 200, Deduct	-5.48	
For >200 To 400, Deduct	-10.97	
For >400, Deduct	-16.45	

<b>03</b>	<b>03 Concrete</b>
	<b>03 30 Cast-In-Place Concrete</b>
	<b>03 31 Structural Concrete</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 31 13 00-0060	CY 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns .....263.09 Note: Excludes pumping equipment.		
	<i>For 2,000 PSI Concrete, Deduct</i>	-11.15	
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.58	
	<i>For 3,500 PSI Concrete, Add</i>	10.33	
	<i>For 3,750 PSI Concrete, Add</i>	14.04	
	<i>For 4000 PSI, Add</i>	17.76	
	<i>For 4500 PSI, Add</i>	20.65	
	<i>For 5000 PSI, Add</i>	23.54	
	<i>For 6000 PSI, Add</i>	55.76	
	<i>For 7,500 PSI Concrete, Add</i>	138.48	
	<i>For White Cement Concrete, Add</i>	24.78	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	26.85	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	20.65	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	72.29	
	<i>For Up To 20, Add</i>	22.62	
	<i>For &gt;20 To 50, Add</i>	8.48	
	<i>For &gt;100 To 200, Deduct</i>	-5.26	
	<i>For &gt;200 To 400, Deduct</i>	-10.52	
	<i>For &gt;400, Deduct</i>	-15.79	
<b>03 31 13 00-0061</b>	<b>Place Concrete Walls</b> <small>(03 31 13 00-0043)</small>		
03 31 13 00-0062	CY Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....454.07		
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
	<i>For 3,500 PSI Concrete, Add</i>	9.53	
	<i>For 3,750 PSI Concrete, Add</i>	12.96	
	<i>For 4000 PSI, Add</i>	16.40	
	<i>For 4500 PSI, Add</i>	19.07	
	<i>For 5000 PSI, Add</i>	21.73	
	<i>For 6000 PSI, Add</i>	51.48	
	<i>For 7,500 PSI Concrete, Add</i>	127.83	
	<i>For White Cement Concrete, Add</i>	22.88	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
	<i>For Up To 20, Add</i>	105.37	
	<i>For &gt;20 To 50, Add</i>	39.51	
	<i>For &gt;100 To 200, Deduct</i>	-9.08	
	<i>For &gt;200 To 400, Deduct</i>	-18.16	
	<i>For &gt;400, Deduct</i>	-27.24	
03 31 13 00-0063	CY 12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....432.22		
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
	<i>For 3,500 PSI Concrete, Add</i>	9.53	
	<i>For 3,750 PSI Concrete, Add</i>	12.96	
	<i>For 4000 PSI, Add</i>	16.40	
	<i>For 4500 PSI, Add</i>	19.07	
	<i>For 5000 PSI, Add</i>	21.73	
	<i>For 6000 PSI, Add</i>	51.48	
	<i>For 7,500 PSI Concrete, Add</i>	127.83	
	<i>For White Cement Concrete, Add</i>	22.88	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
	<i>For Up To 20, Add</i>	96.63	
	<i>For &gt;20 To 50, Add</i>	36.24	
	<i>For &gt;100 To 200, Deduct</i>	-8.64	
	<i>For &gt;200 To 400, Deduct</i>	-17.29	
	<i>For &gt;400, Deduct</i>	-25.93	
03 31 13 00-0064	CY 15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls .....375.04		
	<i>For 2,000 PSI Concrete, Deduct</i>	-10.30	
	<i>For 2,500 PSI Concrete, Deduct</i>	-5.15	
	<i>For 3,500 PSI Concrete, Add</i>	9.53	
	<i>For 3,750 PSI Concrete, Add</i>	12.96	
	<i>For 4000 PSI, Add</i>	16.40	
	<i>For 4500 PSI, Add</i>	19.07	
	<i>For 5000 PSI, Add</i>	21.73	
	<i>For 6000 PSI, Add</i>	51.48	
	<i>For 7,500 PSI Concrete, Add</i>	127.83	
	<i>For White Cement Concrete, Add</i>	22.88	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	24.78	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	19.07	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	66.73	
	<i>For Up To 20, Add</i>	73.76	
	<i>For &gt;20 To 50, Add</i>	27.66	
	<i>For &gt;100 To 200, Deduct</i>	-7.50	
	<i>For &gt;200 To 400, Deduct</i>	-15.00	
	<i>For &gt;400, Deduct</i>	-22.50	



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0065 CY Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	315.92	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	50.11	
For >20 To 50, Add	18.79	
For >100 To 200, Deduct	-6.32	
For >200 To 400, Deduct	-12.64	
For >400, Deduct	-18.96	
03 31 13 00-0066 CY 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	290.87	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	40.09	
For >20 To 50, Add	15.03	
For >100 To 200, Deduct	-5.82	
For >200 To 400, Deduct	-11.63	
For >400, Deduct	-17.45	
03 31 13 00-0067 CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls .....	278.34	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	35.08	
For >20 To 50, Add	13.15	
For >100 To 200, Deduct	-5.57	
For >200 To 400, Deduct	-11.13	
For >400, Deduct	-16.70	
03 31 13 00-0068 CY Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	325.83	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	47.72	
For >20 To 50, Add	17.90	
For >100 To 200, Deduct	-6.52	
For >200 To 400, Deduct	-13.03	
For >400, Deduct	-19.55	



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 31 13 00-0069	CY	12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	301.98
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-11.15
		For 2,500 PSI Concrete, Deduct	-5.58
		For 3,500 PSI Concrete, Add	10.33
		For 3,750 PSI Concrete, Add	14.04
		For 4000 PSI, Add	17.76
		For 4500 PSI, Add	20.65
		For 5000 PSI, Add	23.54
		For 6000 PSI, Add	55.76
		For 7,500 PSI Concrete, Add	138.48
		For White Cement Concrete, Add	24.78
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85
		For High Early Strength, Type 3 ASTM C150, Add	20.65
		For Lightweight Aggregate, ASTM C330, Add	72.29
		For Up To 20, Add	38.18
		For >20 To 50, Add	14.32
		For >100 To 200, Deduct	-6.04
		For >200 To 400, Deduct	-12.08
		For >400, Deduct	-18.12
03 31 13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls .....	290.04
		Note: Excludes pumping equipment.	
		For 2,000 PSI Concrete, Deduct	-11.15
		For 2,500 PSI Concrete, Deduct	-5.58
		For 3,500 PSI Concrete, Add	10.33
		For 3,750 PSI Concrete, Add	14.04
		For 4000 PSI, Add	17.76
		For 4500 PSI, Add	20.65
		For 5000 PSI, Add	23.54
		For 6000 PSI, Add	55.76
		For 7,500 PSI Concrete, Add	138.48
		For White Cement Concrete, Add	24.78
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85
		For High Early Strength, Type 3 ASTM C150, Add	20.65
		For Lightweight Aggregate, ASTM C330, Add	72.29
		For Up To 20, Add	33.40
		For >20 To 50, Add	12.53
		For >100 To 200, Deduct	-5.80
		For >200 To 400, Deduct	-11.60
		For >400, Deduct	-17.40
03 31 13 00-0071		Place Elevated Concrete Stairs (03 31 13 00-0043)	
03 31 13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs .....	723.17
		For 2,000 PSI Concrete, Deduct	-10.30
		For 2,500 PSI Concrete, Deduct	-5.15
		For 3,500 PSI Concrete, Add	9.53
		For 3,750 PSI Concrete, Add	12.96
		For 4000 PSI, Add	16.40
		For 4500 PSI, Add	19.07
		For 5000 PSI, Add	21.73
		For 6000 PSI, Add	51.48
		For 7,500 PSI Concrete, Add	127.83
		For White Cement Concrete, Add	22.88
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78
		For High Early Strength, Type 3 ASTM C150, Add	19.07
		For Lightweight Aggregate, ASTM C330, Add	66.73
		For Up To 20, Add	213.01
		For >20 To 50, Add	79.88
		For >100 To 200, Deduct	-14.46
		For >200 To 400, Deduct	-28.93
		For >400, Deduct	-43.39
03 31 13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs .....	443.90
		For 2,000 PSI Concrete, Deduct	-10.30
		For 2,500 PSI Concrete, Deduct	-5.15
		For 3,500 PSI Concrete, Add	9.53
		For 3,750 PSI Concrete, Add	12.96
		For 4000 PSI, Add	16.40
		For 4500 PSI, Add	19.07
		For 5000 PSI, Add	21.73
		For 6000 PSI, Add	51.48
		For 7,500 PSI Concrete, Add	127.83
		For White Cement Concrete, Add	22.88
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78
		For High Early Strength, Type 3 ASTM C150, Add	19.07
		For Lightweight Aggregate, ASTM C330, Add	66.73
		For Up To 20, Add	101.30
		For >20 To 50, Add	37.99
		For >100 To 200, Deduct	-8.88
		For >200 To 400, Deduct	-17.76
		For >400, Deduct	-26.63



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Structural Concrete	03 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0074 CY Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	417.58	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	84.42	
For >20 To 50, Add	31.66	
For >100 To 200, Deduct	-8.35	
For >200 To 400, Deduct	-16.70	
For >400, Deduct	-25.05	
<b>03 31 13 00-0075 Place Concrete Coping (03 31 13 00-0043)</b>		
03 31 13 00-0076 CY Crane And Bucket, Place 3,000 PSI Concrete Coping .....	741.58	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	220.37	
For >20 To 50, Add	82.64	
For >100 To 200, Deduct	-14.83	
For >200 To 400, Deduct	-29.66	
For >400, Deduct	-44.49	
03 31 13 00-0077 CY Direct Chute, Place 3,000 PSI Concrete Coping .....	442.20	
For 2,000 PSI Concrete, Deduct	-10.30	
For 2,500 PSI Concrete, Deduct	-5.15	
For 3,500 PSI Concrete, Add	9.53	
For 3,750 PSI Concrete, Add	12.96	
For 4000 PSI, Add	16.40	
For 4500 PSI, Add	19.07	
For 5000 PSI, Add	21.73	
For 6000 PSI, Add	51.48	
For 7,500 PSI Concrete, Add	127.83	
For White Cement Concrete, Add	22.88	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	24.78	
For High Early Strength, Type 3 ASTM C150, Add	19.07	
For Lightweight Aggregate, ASTM C330, Add	66.73	
For Up To 20, Add	100.62	
For >20 To 50, Add	37.73	
For >100 To 200, Deduct	-8.84	
For >200 To 400, Deduct	-17.69	
For >400, Deduct	-26.53	
03 31 13 00-0078 CY Concrete Pump, Place 3,000 PSI Concrete Coping .....	587.55	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-11.15	
For 2,500 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Add	10.33	
For 3,750 PSI Concrete, Add	14.04	
For 4000 PSI, Add	17.76	
For 4500 PSI, Add	20.65	
For 5000 PSI, Add	23.54	
For 6000 PSI, Add	55.76	
For 7,500 PSI Concrete, Add	138.48	
For White Cement Concrete, Add	24.78	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	26.85	
For High Early Strength, Type 3 ASTM C150, Add	20.65	
For Lightweight Aggregate, ASTM C330, Add	72.29	
For Up To 20, Add	152.41	
For >20 To 50, Add	57.15	
For >100 To 200, Deduct	-11.75	
For >200 To 400, Deduct	-23.50	
For >400, Deduct	-35.25	
<b>03 31 13 00-0079 Concrete Carts (03 31 13 00-0010)</b>		
Note: Used to place concrete were necessary.		
03 31 13 00-0080 CY 50' Haul, Non-Motorized, Concrete Buggy.....	29.62	
03 31 13 00-0081 CY 150' Haul, Non-Motorized, Concrete Buggy.....	39.65	



<b>03</b>	<b>03 Concrete</b>
	<b>03 30 Cast-In-Place Concrete</b>
	<b>03 31 Structural Concrete</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0082 CY 250' Haul, Non-Motorized, Concrete Buggy.....	52.88	
03 31 13 00-0083 CY 50' Haul, Motorized, Concrete Buggy .....	13.16	
03 31 13 00-0084 CY 150' Haul, Motorized, Concrete Buggy .....	17.64	
03 31 13 00-0085 CY 250' Haul, Motorized, Concrete Buggy .....	23.52	
<b>03 31 13 00-0086 Delivery Fee For Small Concrete Purchases (Short Load) (03 31 13)</b>		
03 31 13 00-0087 CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY..... Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.	26.76	
<b>03 31 13 00-0088 Equipment Pads (03 31 13)</b>		
<b>03 31 13 00-0089 Small Concrete Equipment Housekeeping Pad Assemblies (03 31 13 00-0088)</b> Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0090 SF 4" Equipment Pad With Welded Wire Reinforcement Assembly.....	23.36	
03 31 13 00-0091 SF 4" Equipment Pad With Rebar Assembly.....	29.55	
03 31 13 00-0092 SF 6" Equipment Pad With Rebar Assembly.....	37.00	
03 31 13 00-0093 SF 7" Equipment Pad With Rebar .....	38.52	
03 31 13 00-0094 SF 8" Equipment Pad With Rebar Assembly.....	46.36	
<b>03 31 16 Lightweight Structural Concrete (03 31)</b>		
<b>03 31 16 00-0001 Low Density Cellular / Foam Concrete Fill (03 31 16)</b>		
03 31 16 00-0002 CY Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range .....	322.34	
<b>03 35 Concrete Finishing (03 30)</b>		
<b>03 35 13 High-Tolerance Concrete Floor Finishing (03 35)</b>		
<b>03 35 13 00-0001 Floor Finishes (03 35 13)</b> Note: Task is for final finish type and includes all required prior finishes.		
03 35 13 00-0002 SF Screed, Concrete Floor Finish .....	1.30	
For Up To 100, Add	2.60	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.33	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000, Deduct	-0.13	
03 35 13 00-0003 SF Darby, Concrete Floor Finish .....	1.56	
For Up To 100, Add	3.12	
For >100 To 250, Add	0.78	
For >250 To 500, Add	0.39	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000, Deduct	-0.16	
03 35 13 00-0004 SF Broom, Concrete Floor Finish .....	1.72	
For Up To 100, Add	3.44	
For >100 To 250, Add	0.86	
For >250 To 500, Add	0.43	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000, Deduct	-0.17	
03 35 13 00-0005 SF Final Float, Concrete Floor Finish.....	1.99	
For Up To 100, Add	3.98	
For >100 To 250, Add	1.00	
For >250 To 500, Add	0.50	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000, Deduct	-0.20	
03 35 13 00-0006 SF Steel Trowel, Concrete Floor Finish.....	2.24	
For Up To 100, Add	4.48	
For >100 To 250, Add	1.12	
For >250 To 500, Add	0.56	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000, Deduct	-0.22	
<b>03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)</b>		
<b>03 35 16 00-0001 Shake On Floor Hardeners (03 35 16)</b>		
03 35 16 00-0002 SF 0.3 Lb./SF, Metallic, Shake On Floor Hardener .....	1.56	
03 35 16 00-0003 SF 0.65 Lb./SF, Metallic, Shake On Floor Hardener .....	2.35	
03 35 16 00-0004 SF 0.3 Lb./SF, Non-Metallic, Shake On Floor Hardener .....	1.49	
03 35 16 00-0005 SF 0.65 Lb./SF, Non-Metallic, Shake On Floor Hardener .....	1.76	
<b>03 35 19 Colored Concrete Finishing (03 35)</b>		
<b>03 35 19 00-0001 Concrete Surface Treatments (03 35 19)</b>		
03 35 19 00-0002 SF Acrylic Latex Bonding Agent .....	0.63	
03 35 19 00-0003 SF Epoxy Resin Bonding Agent .....	3.57	
03 35 19 00-0004 SF Clear Acrylic Sealer, Hardener And Dustproofer .....	0.42	
03 35 19 00-0005 SF Colored Acrylic Sealer, Hardener And Dustproofer .....	0.45	



	<b>Concrete</b>	<b>03</b>	
	Cast-In-Place Concrete	03 30	03
	Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**03 35 23 Exposed Aggregate Concrete Finishing (03 35)**

03 35 23 00-0001	Exposed Aggregate, Concrete Finish (03 35 23)	
03 35 23 00-0002	SF Exposed Aggregate, Concrete Floor Finish	4.73

**03 35 26 Grooved Concrete Surface Finishing (03 35)**

03 35 26 00-0001	Ramp, Grooved Concrete Surface Finishing (03 35 26)	
03 35 26 00-0002	SF Ramp, Grooved Concrete Surface Finishing	4.59

**03 35 29 Tooled Concrete Finishing (03 35)**

03 35 29 00-0001	Marblecrete Finishes (03 35 29)	
03 35 29 00-0002	SF 2" Thick Marblecrete And Finish	46.78
03 35 29 00-0003	SF 4" Thick Marblecrete And Finish	62.76

**03 35 33 Stamped Concrete Finishing (03 35)**

03 35 33 00-0001	Stamped Concrete Finishes (03 35 33)	
03 35 33 00-0002	SF Up To 2,500 SF Stamped Concrete Finish	5.16
03 35 33 00-0003	SF >2,500 To 10,000 SF Stamped Concrete Finish	4.67
03 35 33 00-0004	SF >10,000 SF Stamped Concrete Finish	4.47

**03 35 43 Polished Concrete Finishing (03 35)**

03 35 43 00-0001	Concrete Floor Polishing System (03 35 43)	
	Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.	
03 35 43 00-0002	SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	2.42
	For Up To 500, Add	4.62
	For >500 To 1,000, Add	4.28
	For >1,000 To 2,500, Add	2.83
	For >2,500 To 4,000, Add	1.48
	For >8,000 To 15,000, Deduct	-0.57
	For >15,000 To 25,000, Deduct	-0.73
	For >25,000, Deduct	-1.02
03 35 43 00-0003	SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.95
	For Up To 500, Add	3.71
	For >500 To 1,000, Add	3.44
	For >1,000 To 2,500, Add	2.27
	For >2,500 To 4,000, Add	1.18
	For >8,000 To 15,000, Deduct	-0.46
	For >15,000 To 25,000, Deduct	-0.58
	For >25,000, Deduct	-0.82
03 35 43 00-0004	SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.62
	For Up To 500, Add	3.07
	For >500 To 1,000, Add	2.84
	For >1,000 To 2,500, Add	1.88
	For >2,500 To 4,000, Add	0.98
	For >8,000 To 15,000, Deduct	-0.38
	For >15,000 To 25,000, Deduct	-0.48
	For >25,000, Deduct	-0.68
03 35 43 00-0005	SF Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.52
	For Up To 500, Add	2.87
	For >500 To 1,000, Add	2.66
	For >1,000 To 2,500, Add	1.76
	For >2,500 To 4,000, Add	0.92
	For >8,000 To 15,000, Deduct	-0.36
	For >15,000 To 25,000, Deduct	-0.45
	For >25,000, Deduct	-0.64
03 35 43 00-0006	SF Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.40
	For Up To 500, Add	2.64
	For >500 To 1,000, Add	2.45
	For >1,000 To 2,500, Add	1.62
	For >2,500 To 4,000, Add	0.84
	For >8,000 To 15,000, Deduct	-0.33
	For >15,000 To 25,000, Deduct	-0.41
	For >25,000, Deduct	-0.58
03 35 43 00-0007	SF Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.40
	For Up To 500, Add	2.64
	For >500 To 1,000, Add	2.45
	For >1,000 To 2,500, Add	1.62
	For >2,500 To 4,000, Add	0.84
	For >8,000 To 15,000, Deduct	-0.33
	For >15,000 To 25,000, Deduct	-0.41
	For >25,000, Deduct	-0.58

**03 Concrete****03 30 Cast-In-Place Concrete****03 35 Concrete Finishing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

03 35 43 00-0008	SF	Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels .....	1.40	
		<i>For Up To 500, Add</i>	2.64	
		<i>For &gt;500 To 1,000, Add</i>	2.45	
		<i>For &gt;1,000 To 2,500, Add</i>	1.62	
		<i>For &gt;2,500 To 4,000, Add</i>	0.84	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.33	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.41	
		<i>For &gt;25,000, Deduct</i>	-0.58	
03 35 43 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels .....	1.40	
		<i>For Up To 500, Add</i>	2.64	
		<i>For &gt;500 To 1,000, Add</i>	2.45	
		<i>For &gt;1,000 To 2,500, Add</i>	1.62	
		<i>For &gt;2,500 To 4,000, Add</i>	0.84	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.33	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.41	
		<i>For &gt;25,000, Deduct</i>	-0.58	
03 35 43 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads.....	0.34	
		<i>For Up To 500, Add</i>	0.58	
		<i>For &gt;500 To 1,000, Add</i>	0.54	
		<i>For &gt;1,000 To 2,500, Add</i>	0.36	
		<i>For &gt;2,500 To 4,000, Add</i>	0.19	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.07	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.09	
		<i>For &gt;25,000, Deduct</i>	-0.13	
03 35 43 00-0011	SF	Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing .....	0.67	
		<i>For Up To 500, Add</i>	0.72	
		<i>For &gt;500 To 1,000, Add</i>	0.67	
		<i>For &gt;1,000 To 2,500, Add</i>	0.44	
		<i>For &gt;2,500 To 4,000, Add</i>	0.23	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.09	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.11	
		<i>For &gt;25,000, Deduct</i>	-0.16	
03 35 43 00-0012	SF	Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing .....	1.14	
		<i>For Up To 500, Add</i>	1.05	
		<i>For &gt;500 To 1,000, Add</i>	0.97	
		<i>For &gt;1,000 To 2,500, Add</i>	0.64	
		<i>For &gt;2,500 To 4,000, Add</i>	0.33	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.13	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.16	
		<i>For &gt;25,000, Deduct</i>	-0.23	
03 35 43 00-0013	SF	Concrete Floor Polishing Final Clean Up.....	0.19	
		<i>For Up To 500, Add</i>	0.37	
		<i>For &gt;500 To 1,000, Add</i>	0.34	
		<i>For &gt;1,000 To 2,500, Add</i>	0.23	
		<i>For &gt;2,500 To 4,000, Add</i>	0.12	
		<i>For &gt;8,000 To 15,000, Deduct</i>	-0.05	
		<i>For &gt;15,000 To 25,000, Deduct</i>	-0.06	
		<i>For &gt;25,000, Deduct</i>	-0.08	

**03 35 63 Slip-Resistant Floor Finishing** (03 35)**03 35 63 00-0001 Slip-Resistant Floor Finishing** (03 35 63)

03 35 63 00-0002	SF	Aluminum Oxide Abrasive Floor Finish, 0.25 Lb./SF .....	1.91	
		<i>For Up To 100, Add</i>	2.48	
		<i>For &gt;100 To 250, Add</i>	0.62	
		<i>For &gt;250 To 500, Add</i>	0.31	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
		<i>For &gt;10,000, Deduct</i>	-0.12	
03 35 63 00-0003	SF	Silicone Carbide Abrasive Floor Finish 0.25 Lb./SF.....	1.60	
		<i>For Up To 100, Add</i>	2.48	
		<i>For &gt;100 To 250, Add</i>	0.62	
		<i>For &gt;250 To 500, Add</i>	0.31	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
		<i>For &gt;10,000, Deduct</i>	-0.12	
03 35 63 00-0004	SF	Non-Slip Protection, Aluminum Oxide At 1-1/4 Lb./SF, Emery - Corundum.....	2.87	
		<i>For Up To 100, Add</i>	2.48	
		<i>For &gt;100 To 250, Add</i>	0.62	
		<i>For &gt;250 To 500, Add</i>	0.31	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.06	
		<i>For &gt;10,000, Deduct</i>	-0.12	

**03 35 66 Acid Etch Floor Finishing** (03 35)**03 35 66 00-0001 Acid Etch Floor** (03 35 66)

03 35 66 00-0002	SF	Concrete Floor Finishes, Etch With Acid And Rinse .....	1.21	
		<i>For Up To 100, Add</i>	1.20	
		<i>For &gt;100 To 250, Add</i>	0.30	
		<i>For &gt;250 To 500, Add</i>	0.15	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
		<i>For &gt;10,000, Deduct</i>	-0.06	

**03 35 83 Concrete Wall Finishing** (03 35)



<b>Concrete</b>	<b>03</b>	<b>03</b>
Cast-In-Place Concrete	03 30	
Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 35 83 00-0001 Wall Finishes</b> <small>(03 35 83)</small>		
03 35 83 00-0002 SF Burlap Rub With Grout, New Concrete Wall Finishes .....	2.28	
For Up To 100, Add	4.34	
For >100 To 250, Add	1.09	
For >250 To 500, Add	0.54	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000, Deduct	-0.22	
03 35 83 00-0003 SF 1/16" Float Finish, New Concrete Wall Finishes .....	3.42	
For Up To 100, Add	6.52	
For >100 To 250, Add	1.63	
For >250 To 500, Add	0.82	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000, Deduct	-0.33	
03 35 83 00-0004 SF Etch With Acid And Rinse, New Concrete Wall Finishes .....	1.33	
For Up To 100, Add	1.44	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.18	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000, Deduct	-0.07	
03 35 83 00-0005 SF Bush Hammer Green Concrete, New Concrete Wall Finishes .....	6.96	
For Up To 100, Add	13.80	
For >100 To 250, Add	3.45	
For >250 To 500, Add	1.73	
For >5,000 To 10,000, Deduct	-0.35	
For >10,000, Deduct	-0.69	
03 35 83 00-0006 SF Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	10.77	
For Up To 100, Add	21.32	
For >100 To 250, Add	5.33	
For >250 To 500, Add	2.67	
For >5,000 To 10,000, Deduct	-0.53	
For >10,000, Deduct	-1.07	
03 35 83 00-0007 SF Break Ties And Patch, New Concrete Wall Finishes .....	1.31	
For Up To 100, Add	2.34	
For >100 To 250, Add	0.59	
For >250 To 500, Add	0.29	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000, Deduct	-0.12	
03 35 83 00-0008 SF Carborundum Dry Rub, New Concrete Wall Finishes.....	4.48	
For Up To 100, Add	8.68	
For >100 To 250, Add	2.17	
For >250 To 500, Add	1.09	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000, Deduct	-0.43	
03 35 83 00-0009 SF Carborundum Wet Rub, New Concrete Wall Finishes.....	6.84	
For Up To 100, Add	13.40	
For >100 To 250, Add	3.35	
For >250 To 500, Add	1.68	
For >5,000 To 10,000, Deduct	-0.34	
For >10,000, Deduct	-0.67	
03 35 83 00-0010 SF Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes .....	6.30	
Note: 4.5 Lb. of sand or abrasive media material per SF		
For Up To 100, Add	10.30	
For >100 To 250, Add	2.58	
For >250 To 500, Add	1.29	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000, Deduct	-0.52	
03 35 83 00-0011 SF >1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes .....	12.59	
Note: 9 Lb. of sand abrasive media material per SF		
For Up To 100, Add	20.60	
For >100 To 250, Add	5.15	
For >250 To 500, Add	2.58	
For >5,000 To 10,000, Deduct	-0.52	
For >10,000, Deduct	-1.03	

**03 37 Specialty Placed Concrete** (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

**03 37 13 Shotcrete** (03 37)

**03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair** (03 37 13)

03 37 13 00-0002 SF 1" Thick Shotcrete, Fiber Reinforced .....	3.83	
For Up To 25, Add	0.74	
For >25 To 50, Add	0.43	
For >50 To 150, Add	0.18	
03 37 13 00-0003 SF 2" Thick Shotcrete, Fiber Reinforced .....	7.21	
For Up To 25, Add	1.36	
For >25 To 50, Add	0.79	
For >50 To 150, Add	0.32	
03 37 13 00-0004 SF 3" Thick Shotcrete, Fiber Reinforced .....	10.17	
For Up To 25, Add	1.88	
For >25 To 50, Add	1.09	
For >50 To 150, Add	0.43	

<b>03</b>	<b>Concrete</b>
<b>03 30</b>	<b>Cast-In-Place Concrete</b>
<b>03 37</b>	<b>Specialty Placed Concrete</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced .....	12.79	
			For Up To 25, Add	2.32	
			For >25 To 50, Add	1.33	
			For >50 To 150, Add	0.52	
	03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced .....	17.21	
			For Up To 25, Add	2.98	
			For >25 To 50, Add	1.70	
			For >50 To 150, Add	0.63	
<b>03 37 13 00-0007</b>			<b>Gunite (Dry Mix Shotcrete), Sprayed</b> <small>(03 37 13)</small>		
			See CSI section 03 22 11 00-0001 for wire mesh reinforcing.		
	03 37 13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	4.28	
			For Radius Or Irregular Surface, Add	1.31	
			For Up To 25, Add	0.92	
			For >25 To 50, Add	0.54	
			For >50 To 150, Add	0.25	
	03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	7.88	
			For Radius Or Irregular Surface, Add	2.36	
			For Up To 25, Add	1.67	
			For >25 To 50, Add	0.98	
			For >50 To 150, Add	0.44	
	03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	10.93	
			For Radius Or Irregular Surface, Add	3.18	
			For Up To 25, Add	2.28	
			For >25 To 50, Add	1.34	
			For >50 To 150, Add	0.60	
	03 37 13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed .....	13.53	
			For Radius Or Irregular Surface, Add	3.82	
			For Up To 25, Add	2.78	
			For >25 To 50, Add	1.63	
			For >50 To 150, Add	0.72	
<b>03 37 16</b>			<b>Pumped Concrete</b> <small>(03 37)</small>		
<b>03 37 16 00-0001</b>			<b>Concrete Pumping With Boom Truck</b> <small>(03 37 16)</small>		
			Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.		
	03 37 16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating) .....	194.54	
	03 37 16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	205.87	
	03 37 16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	246.79	
	03 37 16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating) .....	272.26	
	03 37 16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	298.55	
	03 37 16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	354.22	
	03 37 16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating) .....	387.43	
	03 37 16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating) .....	467.88	
	03 37 16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump .....	149.31	
			Note: Includes hoses		
<b>03 39</b>			<b>Concrete Curing</b> <small>(03 30)</small>		
<b>03 39 13</b>			<b>Water Concrete Curing</b> <small>(03 39)</small>		
<b>03 39 13 00-0001</b>			<b>Water Concrete Curing</b> <small>(03 39 13)</small>		
	03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound .....	0.40	
			Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.		
<b>03 39 23</b>			<b>Membrane Concrete Curing</b> <small>(03 39)</small>		
<b>03 39 23 23</b>			<b>Sheet Membrane Concrete Curing</b> <small>(03 39 23)</small>		
<b>03 39 23 23-0001</b>			<b>Cold Weather Concrete Curing Blankets</b> <small>(03 39 23 23)</small>		
	03 39 23 23-0002	CSF	Electric, Cold Weather Concrete Curing Blanket .....	317.92	
	03 39 23 23-0003	CSF	Non-Electric, Cold Weather Concrete Curing Blanket .....	42.25	
<b>03 40</b>			<b>Precast Concrete</b> <small>(03)</small>		
			Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.		
<b>03 41</b>			<b>Precast Structural Concrete</b> <small>(03 40)</small>		
<b>03 41 16</b>			<b>Precast Concrete Slabs</b> <small>(03 41)</small>		
<b>03 41 16 00-0001</b>			<b>Flat Floor Slab/Floor Plank</b> <small>(03 41 16)</small>		



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane** (03 41 16 00-0001)  
 Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane .....	409.66	327.76
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....	455.40	364.27
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane .....	483.58	386.84
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane .....	512.65	410.14
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane .....	548.62	438.87
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....	586.34	469.07
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane .....	629.63	503.66
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....	684.78	547.79
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane .....	744.56	595.72

**03 41 16 00-0012 Material Cost** (03 41 16 00-0001)  
 Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	31.64	
		For 3,500 PSI Concrete, Add	0.63	
		For 4,000 PSI Concrete, Add	0.95	
		For 4,500 PSI Concrete, Add	1.27	
		For 5,000 PSI Concrete, Add	1.90	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	37.97	
		For 3,500 PSI Concrete, Add	0.76	
		For 4,000 PSI Concrete, Add	1.14	
		For 4,500 PSI Concrete, Add	1.52	
		For 5,000 PSI Concrete, Add	2.28	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	46.41	
		For 3,500 PSI Concrete, Add	0.93	
		For 4,000 PSI Concrete, Add	1.39	
		For 4,500 PSI Concrete, Add	1.86	
		For 5,000 PSI Concrete, Add	2.78	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	61.60	
		For 3,500 PSI Concrete, Add	1.23	
		For 4,000 PSI Concrete, Add	1.85	
		For 4,500 PSI Concrete, Add	2.46	
		For 5,000 PSI Concrete, Add	3.70	

**03 41 16 00-0017 Floor Units, Combination Beam And Slab** (03 41 16)

**03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane** (03 41 16 00-0017)  
 Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane .....	507.19	405.74
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane .....	552.81	442.30
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane .....	611.00	488.73
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane .....	678.45	542.72
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane .....	762.63	610.06

**03 41 16 00-0024 Erection Costs Using A 125 Ton Crawler Crane** (03 41 16 00-0017)  
 Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0025	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane .....	634.12	507.33
03 41 16 00-0026	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane .....	691.16	552.89
03 41 16 00-0027	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane .....	763.92	611.18
03 41 16 00-0028	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane .....	848.24	678.62
03 41 16 00-0029	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane .....	953.50	762.87
03 41 16 00-0030	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane .....	1,036.74	829.33
03 41 16 00-0031	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane .....	1,145.86	916.69
03 41 16 00-0032	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane .....	1,268.24	1,014.66
03 41 16 00-0033	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane .....	1,435.48	1,148.39

**03 41 16 00-0034 Material Cost** (03 41 16 00-0017)  
 Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.

**03 41 16 00-0035 4" Slab** (03 41 16 00-0034)

03 41 16 00-0036	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,332.85	
		For 3,500 PSI Concrete, Add	66.66	
		For 4,000 PSI Concrete, Add	99.99	
		For 4,500 PSI Concrete, Add	133.31	
		For 5,000 PSI Concrete, Add	199.97	
03 41 16 00-0037	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,375.03	
		For 3,500 PSI Concrete, Add	67.50	
		For 4,000 PSI Concrete, Add	101.25	
		For 4,500 PSI Concrete, Add	135.00	
		For 5,000 PSI Concrete, Add	202.50	



**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

03 41 16 00-0038	CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,796.91	
		<i>For 3,500 PSI Concrete, Add</i>	<i>75.94</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>113.91</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>151.88</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>227.81</i>	

**03 41 16 00-0039 5" Slab (03 41 16 00-0034)**

03 41 16 00-0040	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,417.22	
		<i>For 3,500 PSI Concrete, Add</i>	<i>68.34</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>102.52</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>136.69</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>205.03</i>	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,543.79	
		<i>For 3,500 PSI Concrete, Add</i>	<i>70.88</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>106.31</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>141.75</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>212.63</i>	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,514.11	
		<i>For 3,500 PSI Concrete, Add</i>	<i>90.28</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>135.42</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>180.56</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>270.85</i>	

**03 41 16 00-0043 6" Slab (03 41 16 00-0034)**

03 41 16 00-0044	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,543.79	
		<i>For 3,500 PSI Concrete, Add</i>	<i>70.88</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>106.31</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>141.75</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>212.63</i>	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	4,218.79	
		<i>For 3,500 PSI Concrete, Add</i>	<i>84.38</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>126.56</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>168.75</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>253.13</i>	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	5,146.93	
		<i>For 3,500 PSI Concrete, Add</i>	<i>102.94</i>	
		<i>For 4,000 PSI Concrete, Add</i>	<i>154.41</i>	
		<i>For 4,500 PSI Concrete, Add</i>	<i>205.88</i>	
		<i>For 5,000 PSI Concrete, Add</i>	<i>308.82</i>	

**03 41 19 Precast Concrete Wall Panels (03 41)****03 41 19 00-0001 Structural Wall Panels (03 41 19)**

Note: Gray, smooth form or board finish one side.

**03 41 19 00-0002 Erection Cost Using 50 Ton Hydraulic Crane (03 41 19 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0003	EA	Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	403.00	322.43
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	448.00	358.34
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	504.31	403.47
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	539.70	431.74
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	576.80	461.44
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	619.39	495.47
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	673.65	538.88
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	732.45	586.04

**03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.

03 41 19 00-0012	EA	Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	456.25	364.96
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	507.19	405.74
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	570.93	456.81
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	611.00	488.73
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	653.01	522.40
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	701.22	561.00
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	762.63	610.06
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	829.22	663.31
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	916.50	733.26
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	1,014.38	811.47
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,148.15	918.56
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,306.01	1,044.81
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,514.21	1,211.39

**03 41 19 00-0025 Material Cost (03 41 19 00-0001)**

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026 SF 4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	42.19	
For 3,500 PSI Concrete, Add	0.84	
For 4,000 PSI Concrete, Add	1.27	
For 4,500 PSI Concrete, Add	1.69	
For 5,000 PSI Concrete, Add	2.53	
For White Facing, Add	8.44	
For Solid White Through Thickness, Add	8.44	
For Broken Rib Finish, Add	4.22	
For Fluted Surface, Add	4.22	
For Exposed Aggregate, Add	8.44	
For Sandblasting Of Surface, Add	4.22	
For 2" Polystyrene Insulation, Add	2.19	
03 41 19 00-0027 SF 5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	51.89	
For 3,500 PSI Concrete, Add	1.04	
For 4,000 PSI Concrete, Add	1.56	
For 4,500 PSI Concrete, Add	2.08	
For 5,000 PSI Concrete, Add	3.11	
For White Facing, Add	10.38	
For Solid White Through Thickness, Add	10.38	
For Broken Rib Finish, Add	5.19	
For Fluted Surface, Add	5.19	
For Exposed Aggregate, Add	10.38	
For Sandblasting Of Surface, Add	5.19	
For 2" Polystyrene Insulation, Add	2.19	
03 41 19 00-0028 SF 6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	62.44	
For 3,500 PSI Concrete, Add	1.25	
For 4,000 PSI Concrete, Add	1.87	
For 4,500 PSI Concrete, Add	2.50	
For 5,000 PSI Concrete, Add	3.75	
For White Facing, Add	12.49	
For Solid White Through Thickness, Add	12.49	
For Broken Rib Finish, Add	6.24	
For Fluted Surface, Add	6.24	
For Exposed Aggregate, Add	12.49	
For Sandblasting Of Surface, Add	6.24	
For 2" Polystyrene Insulation, Add	2.19	
03 41 19 00-0029 SF 8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	82.27	
For 3,500 PSI Concrete, Add	1.65	
For 4,000 PSI Concrete, Add	2.47	
For 4,500 PSI Concrete, Add	3.29	
For 5,000 PSI Concrete, Add	4.94	
For White Facing, Add	16.45	
For Solid White Through Thickness, Add	16.45	
For Broken Rib Finish, Add	8.23	
For Fluted Surface, Add	8.23	
For Exposed Aggregate, Add	16.45	
For Sandblasting Of Surface, Add	8.23	
For 2" Polystyrene Insulation, Add	2.19	
<b>03 41 19 00-0030 Partition Panels</b> <small>(03 41 19)</small>		
<b>03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane</b> <small>(03 41 19 00-0030)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0032 EA Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	331.47	265.13
03 41 19 00-0033 EA Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	368.49	294.82
03 41 19 00-0034 EA Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	414.80	331.82
03 41 19 00-0035 EA Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	474.43	379.54
03 41 19 00-0036 EA Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	509.46	407.60
03 41 19 00-0037 EA Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	554.07	443.25
03 41 19 00-0038 EA Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	602.44	482.02
03 41 19 00-0039 EA Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	665.86	532.71
<b>03 41 19 00-0040 Erection Costs Using 50 Ton Hydraulic Crane</b> <small>(03 41 19 00-0030)</small>		
Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0041 EA Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	403.00	322.43
03 41 19 00-0042 EA Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	448.00	358.34
03 41 19 00-0043 EA Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	504.31	403.47
03 41 19 00-0044 EA Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	576.80	461.44
03 41 19 00-0045 EA Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	619.39	495.47
03 41 19 00-0046 EA Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	673.65	538.88
03 41 19 00-0047 EA Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	732.45	586.04
03 41 19 00-0048 EA Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	809.55	647.61
03 41 19 00-0049 EA Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	896.01	716.82
03 41 19 00-0050 EA Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	1,014.16	811.28
03 41 19 00-0051 EA Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	1,153.61	922.89
03 41 19 00-0052 EA Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,337.52	1,069.97
<b>03 41 19 00-0053 Material Cost</b> <small>(03 41 19 00-0030)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0054	SF		4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	40.08	
			<i>For 4,000 PSI Concrete, Add</i>	1.20	
			<i>For 4,500 PSI Concrete, Add</i>	1.60	
			<i>For 5,000 PSI Concrete, Add</i>	2.40	
			<i>For White Facing, Add</i>	8.02	
			<i>For Solid White Through Thickness, Add</i>	8.02	
			<i>For Broken Rib Finish, Add</i>	4.01	
			<i>For Fluted Surface, Add</i>	4.01	
			<i>For Exposed Aggregate, Add</i>	8.02	
			<i>For Sandblasting Of Surface, Add</i>	4.01	
03 41 19 00-0055	SF		5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	49.36	
			<i>For 4,000 PSI Concrete, Add</i>	1.48	
			<i>For 4,500 PSI Concrete, Add</i>	1.97	
			<i>For 5,000 PSI Concrete, Add</i>	2.96	
			<i>For White Facing, Add</i>	9.87	
			<i>For Solid White Through Thickness, Add</i>	9.87	
			<i>For Broken Rib Finish, Add</i>	4.94	
			<i>For Fluted Surface, Add</i>	4.94	
			<i>For Exposed Aggregate, Add</i>	9.87	
			<i>For Sandblasting Of Surface, Add</i>	4.94	
03 41 19 00-0056	SF		6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	59.06	
			<i>For 4,000 PSI Concrete, Add</i>	1.77	
			<i>For 4,500 PSI Concrete, Add</i>	2.36	
			<i>For 5,000 PSI Concrete, Add</i>	3.54	
			<i>For White Facing, Add</i>	11.81	
			<i>For Solid White Through Thickness, Add</i>	11.81	
			<i>For Broken Rib Finish, Add</i>	5.91	
			<i>For Fluted Surface, Add</i>	5.91	
			<i>For Exposed Aggregate, Add</i>	11.81	
			<i>For Sandblasting Of Surface, Add</i>	5.91	
03 41 19 00-0057	SF		8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	78.05	
			<i>For 4,000 PSI Concrete, Add</i>	2.34	
			<i>For 4,500 PSI Concrete, Add</i>	3.12	
			<i>For 5,000 PSI Concrete, Add</i>	4.68	
			<i>For White Facing, Add</i>	15.61	
			<i>For Solid White Through Thickness, Add</i>	15.61	
			<i>For Broken Rib Finish, Add</i>	7.81	
			<i>For Fluted Surface, Add</i>	7.81	
			<i>For Exposed Aggregate, Add</i>	15.61	
			<i>For Sandblasting Of Surface, Add</i>	7.81	
03 41 19 00-0058			<b>Cladding Panels</b> <small>(03 41 19)</small>		
03 41 19 00-0059			<b>Erection Costs Using 50 Ton Hydraulic Crane</b> <small>(03 41 19 00-0058)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0060	EA		Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	425.30	340.17
03 41 19 00-0061	EA		Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	475.72	380.55
03 41 19 00-0062	EA		Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	539.70	431.74
03 41 19 00-0063	EA		Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	576.80	461.44
03 41 19 00-0064	EA		Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	619.39	495.47
03 41 19 00-0065	EA		Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	673.65	538.88
03 41 19 00-0066	EA		Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	732.45	586.04
03 41 19 00-0067	EA		Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	809.55	647.61
03 41 19 00-0068			<b>Erection Costs Using 90 Ton Crawler Crane</b> <small>(03 41 19 00-0058)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0069	EA		Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	481.47	385.13
03 41 19 00-0070	EA		Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	538.56	430.84
03 41 19 00-0071	EA		Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	611.00	488.73
03 41 19 00-0072	EA		Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	653.01	522.40
03 41 19 00-0073	EA		Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	701.22	561.00
03 41 19 00-0074	EA		Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	762.63	610.06
03 41 19 00-0075	EA		Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	829.22	663.31
03 41 19 00-0076	EA		Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	916.50	733.26
03 41 19 00-0077	EA		Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	1,014.38	811.47
03 41 19 00-0078	EA		Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	1,148.15	918.56
03 41 19 00-0079	EA		Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,306.01	1,044.81
03 41 19 00-0080	EA		Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,514.21	1,211.39
03 41 19 00-0081			<b>Material Cost</b> <small>(03 41 19 00-0058)</small>		
			Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		



	<b>Concrete</b>	<b>03</b>	
	<b>Precast Concrete</b>	<b>03 40</b>	<b>03</b>
	<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

03 41 19 00-0082	SF 4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i> <i>For White Facing, Add</i> <i>For Solid White Through Thickness, Add</i> <i>For Broken Rib Finish, Add</i> <i>For Fluted Surface, Add</i> <i>For Exposed Aggregate, Add</i> <i>For Sandblasting Of Surface, Add</i>	40.08 0.80 1.20 1.60 2.40 8.02 8.02 4.01 4.01 8.02 4.01	
03 41 19 00-0083	SF 5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i> <i>For White Facing, Add</i> <i>For Solid White Through Thickness, Add</i> <i>For Broken Rib Finish, Add</i> <i>For Fluted Surface, Add</i> <i>For Exposed Aggregate, Add</i> <i>For Sandblasting Of Surface, Add</i>	49.36 0.99 1.48 1.97 2.96 9.87 9.87 4.94 4.94 9.87 4.94	
03 41 19 00-0084	SF 6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i> <i>For White Facing, Add</i> <i>For Solid White Through Thickness, Add</i> <i>For Broken Rib Finish, Add</i> <i>For Fluted Surface, Add</i> <i>For Exposed Aggregate, Add</i> <i>For Sandblasting Of Surface, Add</i>	59.06 1.18 1.77 2.36 3.54 11.81 11.81 5.91 5.91 11.81 5.91	
03 41 19 00-0085	SF 8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i> <i>For White Facing, Add</i> <i>For Solid White Through Thickness, Add</i> <i>For Broken Rib Finish, Add</i> <i>For Fluted Surface, Add</i> <i>For Exposed Aggregate, Add</i> <i>For Sandblasting Of Surface, Add</i>	78.05 1.56 2.34 3.12 4.68 15.61 15.61 7.81 7.81 15.61 7.81	

**03 41 19 00-0086 Sandwich Panel** (03 41 19)

**03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0088	EA Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane .....	425.30	340.17
03 41 19 00-0089	EA Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane .....	475.72	380.55
03 41 19 00-0090	EA Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane .....	539.70	431.74
03 41 19 00-0091	EA Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane .....	576.80	461.44
03 41 19 00-0092	EA Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane .....	619.39	495.47
03 41 19 00-0093	EA Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane .....	673.65	538.88
03 41 19 00-0094	EA Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane .....	732.45	586.04
03 41 19 00-0095	EA Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane .....	809.55	647.61

**03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane** (03 41 19 00-0086)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 19 00-0097	EA Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane .....	432.33	345.79
03 41 19 00-0098	EA Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....	483.58	386.84
03 41 19 00-0099	EA Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....	548.62	438.87
03 41 19 00-0100	EA Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....	586.34	469.07
03 41 19 00-0101	EA Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....	629.63	503.66
03 41 19 00-0102	EA Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....	684.78	547.79
03 41 19 00-0103	EA Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane .....	744.56	595.72
03 41 19 00-0104	EA Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane .....	822.93	658.32
03 41 19 00-0105	EA Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane .....	910.82	728.67
03 41 19 00-0106	EA Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane .....	1,030.93	824.69
03 41 19 00-0107	EA Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane .....	1,172.68	938.14
03 41 19 00-0108	EA Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane .....	1,359.63	1,087.66

**03 41 19 00-0109 Material Cost** (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

03 41 19 00-0110	SF	4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect .....	54.84	
		<i>For 3,500 PSI Concrete, Add</i>	1.10	
		<i>For 4,000 PSI Concrete, Add</i>	1.65	
		<i>For 4,500 PSI Concrete, Add</i>	2.19	
		<i>For 5,000 PSI Concrete, Add</i>	3.29	
		<i>For White Facing, Add</i>	10.97	
		<i>For Solid White Through Thickness, Add</i>	10.97	
		<i>For Broken Rib Finish, Add</i>	5.48	
		<i>For Fluted Surface, Add</i>	5.48	
		<i>For Exposed Aggregate, Add</i>	10.97	
		<i>For Sandblasting Of Surface, Add</i>	5.48	
03 41 19 00-0111	SF	5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect .....	64.55	
		<i>For 3,500 PSI Concrete, Add</i>	1.29	
		<i>For 4,000 PSI Concrete, Add</i>	1.94	
		<i>For 4,500 PSI Concrete, Add</i>	2.58	
		<i>For 5,000 PSI Concrete, Add</i>	3.87	
		<i>For White Facing, Add</i>	12.91	
		<i>For Solid White Through Thickness, Add</i>	12.91	
		<i>For Broken Rib Finish, Add</i>	6.46	
		<i>For Fluted Surface, Add</i>	6.46	
		<i>For Exposed Aggregate, Add</i>	12.91	
		<i>For Sandblasting Of Surface, Add</i>	6.46	
03 41 19 00-0112	SF	6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect .....	75.09	
		<i>For 3,500 PSI Concrete, Add</i>	1.50	
		<i>For 4,000 PSI Concrete, Add</i>	2.25	
		<i>For 4,500 PSI Concrete, Add</i>	3.00	
		<i>For 5,000 PSI Concrete, Add</i>	4.51	
		<i>For White Facing, Add</i>	15.02	
		<i>For Solid White Through Thickness, Add</i>	15.02	
		<i>For Broken Rib Finish, Add</i>	7.51	
		<i>For Fluted Surface, Add</i>	7.51	
		<i>For Exposed Aggregate, Add</i>	15.02	
		<i>For Sandblasting Of Surface, Add</i>	7.51	
03 41 19 00-0113	SF	8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect .....	94.92	
		<i>For 3,500 PSI Concrete, Add</i>	1.90	
		<i>For 4,000 PSI Concrete, Add</i>	2.85	
		<i>For 4,500 PSI Concrete, Add</i>	3.80	
		<i>For 5,000 PSI Concrete, Add</i>	5.70	
		<i>For White Facing, Add</i>	18.98	
		<i>For Solid White Through Thickness, Add</i>	18.98	
		<i>For Broken Rib Finish, Add</i>	9.49	
		<i>For Fluted Surface, Add</i>	9.49	
		<i>For Exposed Aggregate, Add</i>	18.98	
		<i>For Sandblasting Of Surface, Add</i>	9.49	

**03 41 23 Precast Concrete Stairs (03 41)****03 41 23 00-0001 Erection Costs Using A 50 Ton Hydraulic Crane (03 41 23)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA	Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	448.00	358.34
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	475.72	380.55
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	504.31	403.47
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	539.70	431.74
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	576.80	461.44
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	619.39	495.47
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	673.65	538.88
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	732.45	586.04

**03 41 23 00-0010 Erection Costs Using A 90 Ton Crawler Crane (03 41 23)**

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA	Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane.....	448.00	358.34
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	475.72	380.55
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	504.31	403.47
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	539.70	431.74
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	576.80	461.44
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	619.39	495.47
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	673.65	538.88
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	732.45	586.04

**03 41 23 00-0019 Material Cost (03 41 23)**

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.

03 41 23 00-0020	EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	845.49	
		<i>For 3,500 PSI Concrete, Add</i>	110.34	
		<i>For 4,000 PSI Concrete, Add</i>	207.31	
		<i>For 4,500 PSI Concrete, Add</i>	304.71	
		<i>For 5,000 PSI Concrete, Add</i>	414.54	

**03 41 26 Precast Concrete Structural Sections (03 41)**



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 41 26 00-0001</b> <b>Precast Beams, Girder And Joists</b> <small>(03 41 26)</small>		
<b>03 41 26 00-0002</b> <b>Erection Costs Using A 90 Ton Crawler Crane</b> <small>(03 41 26 00-0001)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003    EA    Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane .....	570.93	456.81
03 41 26 00-0004    EA    Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane .....	611.00	488.73
03 41 26 00-0005    EA    Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane .....	653.01	522.40
03 41 26 00-0006    EA    Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane .....	701.22	561.00
<b>03 41 26 00-0007</b> <b>Erection Costs Using A 125 Ton Crawler Crane</b> <small>(03 41 26 00-0001)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008    EA    Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane .....	713.82	571.01
03 41 26 00-0009    EA    Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane .....	763.92	611.18
03 41 26 00-0010    EA    Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane .....	816.43	653.15
03 41 26 00-0011    EA    Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane .....	876.70	701.31
03 41 26 00-0012    EA    Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane .....	953.50	762.87
03 41 26 00-0013    EA    Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane .....	1,036.74	829.33
03 41 26 00-0014    EA    Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane .....	1,145.86	916.69
03 41 26 00-0015    EA    Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane .....	1,268.24	1,014.66
<b>03 41 26 00-0016</b> <b>Material Cost</b> <small>(03 41 26 00-0001)</small> Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
<b>03 41 26 00-0017</b> <b>1,000 Lb./LF Live Load</b> <small>(03 41 26 00-0016)</small>		
03 41 26 00-0018    LF    Precast Structural Sections, 1,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI .....	169.07	
<i>For 3,500 PSI Concrete, Add</i>	4.62	
<i>For 4,000 PSI Concrete, Add</i>	6.93	
<i>For 4,500 PSI Concrete, Add</i>	9.23	
<i>For 5,000 PSI Concrete, Add</i>	13.86	
03 41 26 00-0019    LF    Precast Structural Sections, 1,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI .....	211.34	
<i>For 3,500 PSI Concrete, Add</i>	5.77	
<i>For 4,000 PSI Concrete, Add</i>	8.66	
<i>For 4,500 PSI Concrete, Add</i>	11.54	
<i>For 5,000 PSI Concrete, Add</i>	17.33	
03 41 26 00-0020    LF    Precast Structural Sections, 1,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI .....	253.61	
<i>For 3,500 PSI Concrete, Add</i>	6.92	
<i>For 4,000 PSI Concrete, Add</i>	10.40	
<i>For 4,500 PSI Concrete, Add</i>	13.85	
<i>For 5,000 PSI Concrete, Add</i>	20.80	
<b>03 41 26 00-0021</b> <b>3,000 Lb./LF Live Load</b> <small>(03 41 26 00-0016)</small>		
03 41 26 00-0022    LF    Precast Structural Sections, 3,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI .....	211.34	
<i>For 3,500 PSI Concrete, Add</i>	5.77	
<i>For 4,000 PSI Concrete, Add</i>	8.66	
<i>For 4,500 PSI Concrete, Add</i>	11.54	
<i>For 5,000 PSI Concrete, Add</i>	17.33	
03 41 26 00-0023    LF    Precast Structural Sections, 3,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI .....	253.61	
<i>For 3,500 PSI Concrete, Add</i>	6.92	
<i>For 4,000 PSI Concrete, Add</i>	10.40	
<i>For 4,500 PSI Concrete, Add</i>	13.85	
<i>For 5,000 PSI Concrete, Add</i>	20.80	
03 41 26 00-0024    LF    Precast Structural Sections, 3,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI .....	338.15	
<i>For 3,500 PSI Concrete, Add</i>	9.23	
<i>For 4,000 PSI Concrete, Add</i>	13.86	
<i>For 4,500 PSI Concrete, Add</i>	18.46	
<i>For 5,000 PSI Concrete, Add</i>	27.73	
<b>03 41 26 00-0025</b> <b>5,000 Lb./LF Live Load</b> <small>(03 41 26 00-0016)</small>		
03 41 26 00-0026    LF    Precast Structural Sections, 5,000 Lb./LF, 15' Span Live Load, Span, 3,000 PSI .....	295.88	
<i>For 3,500 PSI Concrete, Add</i>	8.08	
<i>For 4,000 PSI Concrete, Add</i>	12.13	
<i>For 4,500 PSI Concrete, Add</i>	16.16	
<i>For 5,000 PSI Concrete, Add</i>	24.26	
03 41 26 00-0027    LF    Precast Structural Sections, 5,000 Lb./LF, 20' Span Live Load, Span, 3,000 PSI .....	338.15	
<i>For 3,500 PSI Concrete, Add</i>	9.23	
<i>For 4,000 PSI Concrete, Add</i>	13.86	
<i>For 4,500 PSI Concrete, Add</i>	18.46	
<i>For 5,000 PSI Concrete, Add</i>	27.73	
03 41 26 00-0028    LF    Precast Structural Sections, 5,000 Lb./LF, 30' Span Live Load, Span, 3,000 PSI .....	422.68	
<i>For 3,500 PSI Concrete, Add</i>	11.54	
<i>For 4,000 PSI Concrete, Add</i>	17.33	
<i>For 4,500 PSI Concrete, Add</i>	23.08	
<i>For 5,000 PSI Concrete, Add</i>	34.66	
<b>03 41 26 00-0029</b> <b>Precast Concrete Columns</b> <small>(03 41 26)</small>		



**03 Concrete****03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane</b> (03 41 26 00-0029) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane .....	328.02	262.39
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane .....	348.75	278.96
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane .....	373.76	299.03
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane .....	400.92	320.73
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane .....	432.33	345.79
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane .....	469.07	375.26
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane .....	512.65	410.14
<b>03 41 26 00-0038 Material Cost</b> (03 41 26 00-0029) Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
<b>03 41 26 00-0039 12" x 12" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 Lb./CY .....	875.09	
For 3,500 PSI Concrete, Add	65.63	
For 4,000 PSI Concrete, Add	123.39	
For 4,500 PSI Concrete, Add	182.02	
For 5,000 PSI Concrete, Add	247.65	
<b>03 41 26 00-0041 16" x 16" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 Lb./CY .....	896.70	
For 3,500 PSI Concrete, Add	67.25	
For 4,000 PSI Concrete, Add	126.43	
For 4,500 PSI Concrete, Add	186.51	
For 5,000 PSI Concrete, Add	253.77	
<b>03 41 26 00-0043 20" x 20" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 Lb./CY .....	898.43	
For 3,500 PSI Concrete, Add	67.38	
For 4,000 PSI Concrete, Add	126.68	
For 4,500 PSI Concrete, Add	186.87	
For 5,000 PSI Concrete, Add	254.26	
<b>03 41 26 00-0045 24" x 24" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 Lb./CY .....	898.43	
For 3,500 PSI Concrete, Add	67.38	
For 4,000 PSI Concrete, Add	126.68	
For 4,500 PSI Concrete, Add	186.87	
For 5,000 PSI Concrete, Add	254.26	
<b>03 41 26 00-0047 28" x 28" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 Lb./CY .....	898.43	
For 3,500 PSI Concrete, Add	67.38	
For 4,000 PSI Concrete, Add	126.68	
For 4,500 PSI Concrete, Add	186.87	
For 5,000 PSI Concrete, Add	254.26	
<b>03 41 26 00-0049 32" x 32" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 Lb./CY .....	896.70	
For 3,500 PSI Concrete, Add	67.25	
For 4,000 PSI Concrete, Add	126.43	
For 4,500 PSI Concrete, Add	186.51	
For 5,000 PSI Concrete, Add	253.77	
<b>03 41 26 00-0051 36" x 36" Column, Square, Tied</b> (03 41 26 00-0038)		
03 41 26 00-0052 CY 36" x 36" Precast Column, Tied, Average Reinforced 278 Lb./CY .....	898.43	
For 3,500 PSI Concrete, Add	67.38	
For 4,000 PSI Concrete, Add	126.68	
For 4,500 PSI Concrete, Add	186.87	
For 5,000 PSI Concrete, Add	254.26	
<b>03 41 33 Precast Structural Pretensioned Concrete</b> (03 41)		
<b>03 41 33 00-0001 Slabs, Roof And Floor Members</b> (03 41 33)		
03 41 33 00-0002 SF 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor .....	18.34	2.71
03 41 33 00-0003 SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor .....	22.76	2.71
03 41 33 00-0004 SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor .....	27.20	2.84
03 41 33 00-0005 SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor .....	31.64	2.97
<b>03 41 33 00-0006 Tee Members</b> (03 41 33)		



	<b>Concrete</b>	<b>03</b>	
	<b>Precast Concrete</b>	<b>03 40</b>	<b>03</b>
	<b>Precast Structural Concrete</b>	<b>03 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>03 41 33 00-0007</b> Multiple Tee, Roof And Floor <small>(03 41 33 00-0006)</small>		
03 41 33 00-0008 SF Prestressed Multiple Tee, Roof And Floor Members .....	40.76	3.52
<b>03 41 33 00-0009</b> Double Tee Wall Member <small>(03 41 33 00-0006)</small>		
03 41 33 00-0010 SF Prestressed Double Tee Wall Members Precast Concrete, <40' Span.....	58.52	9.60
<b>03 41 33 00-0011</b> Single Tee, Short Span, Roof Members <small>(03 41 33 00-0006)</small>		
03 41 33 00-0012 SF Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span.....	48.22	5.81
<b>03 41 33 00-0013</b> Single Tee, Long Span, Roof Members <small>(03 41 33 00-0006)</small>		
03 41 33 00-0014 SF Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span .....	57.53	5.00
<b>03 41 33 00-0015</b> Prestressed Concrete Items <small>(03 41 33)</small>		
<b>03 41 33 00-0016</b> Prestressed Quad Tee <small>(03 41 33 00-0015)</small>		
03 41 33 00-0017 SF Tees, Prestressed Quad Tee, Short Spans, Roof.....	29.27	1.08
03 41 33 00-0018 SF Tees, Prestressed Quad Tee, Short Spans, Floor.....	30.54	1.08
<b>03 41 33 00-0019</b> Prestressed Double Tee <small>(03 41 33 00-0015)</small>		
03 41 33 00-0020 SF Tees, Double Tee, Floor Members , 60' Span .....	48.51	0.95
03 41 33 00-0021 SF Tees, Double Tee, Floor Members , 80' Span .....	66.73	0.95
03 41 33 00-0022 SF Tees, Double Tee, Roof Members, 30' Span .....	33.27	1.63
03 41 33 00-0023 SF Tees, Double Tee, Roof Members, 50' Span.....	51.31	1.08
03 41 33 00-0024 SF Tees, Double Tee, Wall Members, Up To 55' High.....	36.13	2.16
<b>03 41 33 00-0025</b> Prestressed Single Tee <small>(03 41 33 00-0015)</small>		
03 41 33 00-0026 SF Tees, Single Tee Roof Members, 40' Span .....	57.64	2.43
03 41 33 00-0027 SF Tees, Single Tee Roof Members, 80' Span .....	66.53	1.49
03 41 33 00-0028 SF Tees, Single Tee Roof Members, 100' Span .....	87.90	1.35
03 41 33 00-0029 SF Tees, Single Tee Roof Members, 120' Span .....	92.55	1.35
<b>03 41 33 00-0030</b> Prestressed Double Tee Floor Members <small>(03 41 33 00-0015)</small>		
03 41 33 00-0031 EA Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45' .....	14,860.05	389.44
03 41 33 00-0032 EA Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50' .....	16,182.32	432.71
03 41 33 00-0033 EA Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60' .....	27,029.76	486.80
03 41 33 00-0034 EA Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'.....	5,853.72	354.15
03 41 33 00-0035 EA Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'.....	7,673.45	389.44
03 41 33 00-0036 EA Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35' .....	9,787.16	389.44
03 41 33 00-0037 EA Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45' .....	10,898.05	432.71
03 41 33 00-0038 EA Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'.....	13,924.78	486.80
03 41 33 00-0039 EA Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'.....	25,003.29	556.57
<b>03 41 33 00-0040</b> Prestressed Double Tee Roof Members <small>(03 41 33 00-0015)</small>		
03 41 33 00-0041 EA Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'.....	11,689.49	389.44
03 41 33 00-0042 EA Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50' .....	15,336.83	432.71
03 41 33 00-0043 EA Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'.....	25,127.42	486.80
03 41 33 00-0044 EA Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30' .....	7,840.60	354.15
03 41 33 00-0045 EA Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30' .....	8,265.29	389.44
03 41 33 00-0046 EA Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30' .....	9,153.05	389.44
03 41 33 00-0047 EA Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40' .....	9,418.46	432.71
03 41 33 00-0048 EA Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'.....	12,445.18	486.80
03 41 33 00-0049 EA Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60' .....	21,409.99	556.57
<b>03 41 33 00-0050</b> Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab <small>(03 41 33)</small>		
03 41 33 00-0051 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete .....	30.89	
03 41 33 00-0052 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete .....	32.17	
03 41 33 00-0053 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete .....	33.72	
03 41 33 00-0054 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete .....	34.88	
03 41 33 00-0055 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete .....	37.33	
<b>03 41 33 00-0056</b> Double And Single Tees <small>(03 41 33)</small>		
<b>03 41 33 00-0057</b> Double And Single Tees With 16" Roof And Floor Loading <small>(03 41 33 00-0056)</small>		
03 41 33 00-0058 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete .....	37.41	
03 41 33 00-0059 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete .....	36.51	
03 41 33 00-0060 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete .....	34.48	
03 41 33 00-0061 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete .....	37.41	
03 41 33 00-0062 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete .....	37.27	
03 41 33 00-0063 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete .....	57.20	

<b>03</b>	<b>03 Concrete</b>
	<b>03 40 Precast Concrete</b>
	<b>03 41 Precast Structural Concrete</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

03 41 33 00-0064	SF	Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete .....	55.92	
03 41 33 00-0065	SF	Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete .....	52.36	
03 41 33 00-0066	SF	Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete .....	57.20	
03 41 33 00-0067	SF	Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete .....	53.63	

**03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)**

03 41 33 00-0069	SF	Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete .....	38.55	
03 41 33 00-0070	SF	Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete .....	37.65	
03 41 33 00-0071	SF	Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete .....	36.38	
03 41 33 00-0072	SF	Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete .....	38.55	
03 41 33 00-0073	SF	Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete .....	37.27	
03 41 33 00-0074	SF	Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete .....	58.72	
03 41 33 00-0075	SF	Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete .....	57.44	
03 41 33 00-0076	SF	Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete .....	55.41	
03 41 33 00-0077	SF	Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete .....	58.72	
03 41 33 00-0078	SF	Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete .....	57.06	

**03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)**

03 41 33 00-0080	SF	Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete .....	40.63	
03 41 33 00-0081	SF	Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete .....	39.35	
03 41 33 00-0082	SF	Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete .....	38.04	
03 41 33 00-0083	SF	Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete .....	62.31	
03 41 33 00-0084	SF	Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete .....	60.27	
03 41 33 00-0085	SF	Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete .....	57.83	

**03 48 Precast Concrete Specialties (03 40)**

**03 48 16 Precast Concrete Splash Blocks (03 48)**

03 48 16 00-0001	<b>Precast Concrete Splash Blocks (03 48 16)</b>			
03 48 16 00-0002	EA	Precast Concrete Splash Blocks, 20" x 12" x 3" .....	41.24	4.76

**03 48 21 Precast Concrete Handrails (03 48)**

03 48 21 00-0001	<b>Installation Cost (03 48 21)</b>			
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.				
03 48 21 00-0002	EA	Install Precast Handrails, 0-2 Ton/Handrail .....	188.30	84.77
03 48 21 00-0003	EA	Install Precast Handrails, Over 2 Ton/Handrail .....	225.83	101.59

**03 48 21 00-0004 Material Cost (03 48 21)**

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.				
03 48 21 00-0005	CY	4" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	3,339.77	
		For 3,500 PSI Concrete, Add .....	217.92	
		For 4,000 PSI Concrete, Add .....	409.46	
		For 4,500 PSI Concrete, Add .....	601.83	
		For 5,000 PSI Concrete, Add .....	818.74	
03 48 21 00-0006	CY	5" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	3,466.59	
		For 3,500 PSI Concrete, Add .....	226.20	
		For 4,000 PSI Concrete, Add .....	425.00	
		For 4,500 PSI Concrete, Add .....	624.68	
		For 5,000 PSI Concrete, Add .....	849.83	
03 48 21 00-0007	CY	6" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	3,593.42	
		For 3,500 PSI Concrete, Add .....	234.47	
		For 4,000 PSI Concrete, Add .....	440.55	
		For 4,500 PSI Concrete, Add .....	647.53	
		For 5,000 PSI Concrete, Add .....	880.93	
03 48 21 00-0008	CY	8" Thick 3,000 PSI Concrete Precast Concrete Handrail .....	3,762.52	
		For 3,500 PSI Concrete, Add .....	245.50	
		For 4,000 PSI Concrete, Add .....	461.28	
		For 4,500 PSI Concrete, Add .....	678.01	
		For 5,000 PSI Concrete, Add .....	922.38	

**03 48 22 Precast Concrete Sun Screen and Trellis (03 48)**

03 48 22 00-0001	<b>Sun Screen Blades (03 48 22)</b>			
03 48 22 00-0002	<b>Installation Cost (03 48 22 00-0001)</b>			
Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.				
03 48 22 00-0003	EA	Install Precast Sun Screen Blade, 0-1 Ton/Each .....	94.15	42.39
03 48 22 00-0004	EA	Install Precast Sun Screen Blade, 1-2 Ton/Each .....	113.11	50.86
03 48 22 00-0005	EA	Install Precast Sun Screen Blade, 2-3 Ton/Each .....	141.33	63.65

**03 48 22 00-0006 Material Cost (03 48 22 00-0001)**

Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Precast Concrete</b>	<b>03 40</b>	
<b>Precast Concrete Specialties</b>	<b>03 48</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0007	CY		4" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	3,551.14 231.71 435.37 639.92 870.56	
03 48 22 00-0008	CY		5" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	3,677.97 239.99 450.92 662.77 901.65	
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	3,847.07 251.02 471.65 693.24 943.11	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	4,016.17 262.06 492.38 723.71 984.56	
<b>03 48 22 00-0011</b>			<b>Sun Screen/Trellis Units</b> (03 48 22)		
<b>03 48 22 00-0012</b>			<b>Installation Cost Using A 50 Ton Hydraulic Crane</b> (03 48 22 00-0011) Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013	EA		Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane .....	425.30	191.36
03 48 22 00-0014	EA		Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane .....	475.72	214.14
03 48 22 00-0015	EA		Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane .....	539.70	242.83
03 48 22 00-0016	EA		Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane .....	576.80	259.56
<b>03 48 22 00-0017</b>			<b>Material Cost</b> (03 48 22 00-0011) Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018	CY		4" Thick 3,000 PSI Concrete Precast Trellises Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	4,100.73 267.57 502.75 738.95 1,005.29	
03 48 22 00-0019	CY		5" Thick 3,000 PSI Concrete Precast Trellises Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	4,227.55 275.85 518.30 761.80 1,036.38	
03 48 22 00-0020	CY		6" Thick 3,000 PSI Concrete Precast Trellises Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	4,396.65 286.88 539.03 792.28 1,077.84	
03 48 22 00-0021	CY		8" Thick 3,000 PSI Concrete Precast Trellises Blades ..... <i>For 3,500 PSI Concrete, Add</i> <i>For 4,000 PSI Concrete, Add</i> <i>For 4,500 PSI Concrete, Add</i> <i>For 5,000 PSI Concrete, Add</i>	4,608.03 300.67 564.94 830.37 1,129.66	
<b>03 48 24</b>			<b>Precast Minaret Segments</b> (03 48)		
<b>03 48 24 00-0001</b>			<b>Installation Costs Using A 50 Ton Hydraulic Crane</b> (03 48 24) Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
<b>03 48 24 00-0002</b>			<b>L - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0003	EA		Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	413.85	331.08
03 48 24 00-0004	EA		Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	463.76	371.03
03 48 24 00-0005	EA		Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	524.37	419.49
03 48 24 00-0006	EA		Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	559.33	447.46
<b>03 48 24 00-0007</b>			<b>O - Shaped Segments</b> (03 48 24 00-0001)		
03 48 24 00-0008	EA		Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	437.38	349.98
03 48 24 00-0009	EA		Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	490.90	392.66
03 48 24 00-0010	EA		Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	555.96	444.71
03 48 24 00-0011	EA		Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	595.41	476.30
<b>03 48 24 00-0012</b>			<b>Platform Segment</b> (03 48 24 00-0001)		
03 48 24 00-0013	EA		Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	838.98	671.26
03 48 24 00-0014	EA		Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	1,014.16	811.28
03 48 24 00-0015	EA		Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	1,125.47	900.39
03 48 24 00-0016	EA		Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	1,264.23	1,011.43
<b>03 48 24 00-0017</b>			<b>Cap Segment</b> (03 48 24 00-0001)		
03 48 24 00-0018	EA		Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane .....	459.15	367.28

**03 Concrete****03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane .....	512.72	410.11
	03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane .....	584.11	467.22
	03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane .....	623.58	498.79
<b>03 48 24 00-0022</b>	<b>Installation Costs Using A 90 Ton Crawler Crane</b> (03 48 24)				
	Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.				
<b>03 48 24 00-0023</b>	<b>L - Shaped Segments</b> (03 48 24 00-0022)				
	03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	420.69	336.56
	03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	471.42	377.16
	03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	533.04	426.42
	03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	568.57	454.86
<b>03 48 24 00-0028</b>	<b>O - Shaped Segment</b> (03 48 24 00-0022)				
	03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	444.61	355.76
	03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	499.02	399.15
	03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	565.15	452.07
	03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 795' Maximum Radius With 90 Ton Crane .....	605.26	484.17
<b>03 48 24 00-0033</b>	<b>Platform Segment</b> (03 48 24 00-0022)				
	03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	679.81	543.83
	03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	822.93	658.32
	03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	910.82	728.67
	03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	1,030.93	824.69
<b>03 48 24 00-0038</b>	<b>Cap Segment</b> (03 48 24 00-0022)				
	03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane .....	466.74	373.35
	03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane .....	521.19	416.89
	03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane .....	593.76	474.94
	03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane .....	633.88	507.04
<b>03 48 24 00-0043</b>	<b>Material Costs</b> (03 48 24)				
	Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.				
	03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete .....	10,145.56	
	Note: Including Post Tension Cost				
	03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete .....	10,145.56	
	Note: Including Post Tension Cost				
	03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete .....	10,145.56	
	Note: Including Post Tension Cost				
	03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete .....	10,145.56	
	Note: Including Post Tension Cost				
<b>03 48 29</b>	<b>Precast Accessories</b> (03 48)				
	Note: Includes installation labor, material and equipment.				
<b>03 48 29 00-0001</b>	<b>Bearing Pads For Precast Members</b> (03 48 29)				
<b>03 48 29 00-0002</b>	<b>Continuous 2" Wide Strips</b> (03 48 29 00-0001)				
	03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips .....	1.44	
	Note: For precast members				
	03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips .....	1.93	
	Note: For precast members.				
	03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips .....	3.02	
	Note: For precast members				
	03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips .....	4.16	
	Note: For precast members				
	03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips .....	5.33	
	Note: For precast members				
	03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips .....	7.56	
	Note: For precast members				
<b>03 48 29 00-0009</b>	<b>Bearing Pad Pipe Supports</b> (03 48 29)				
	03 48 29 00-0010	LF	4" x 4" Precast Pipe Support .....	10.65	
<b>03 48 46</b>	<b>Precast Skylight Shells</b> (03 48)				
<b>03 48 46 00-0001</b>	<b>Installation Cost Using A 90 Ton Crawler Crane</b> (03 48 46)				
	Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.				
	03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane .....	611.00	274.99
	03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane .....	678.45	305.32
	03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane .....	762.63	343.19



	<b>Concrete</b>	<b>03</b>	
	<b>Precast Concrete</b>	<b>03 40</b>	<b>03</b>
	<b>Precast Concrete Specialties</b>	<b>03 48</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>03 48 46 00-0005</b>	<b>Material Cost</b> <small>(03 48 46)</small>		
	Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 46 00-0006	CY 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius .....	4,244.58	

<b>03 48 49</b>	<b>Precast Landings</b> <small>(03 48)</small>		
03 48 49 00-0001	SF 3" Thick Precast Landing .....	108.15	
03 48 49 00-0002	SF 4" Thick Precast Landing .....	125.99	
03 48 49 00-0003	SF 5" Thick Precast Landing .....	143.29	
03 48 49 00-0004	SF 6" Thick Precast Landing .....	165.23	

<b>03 48 51</b>	<b>Precast Relocatable Steps and Ramps</b> <small>(03 48)</small>		
<b>03 48 51 00-0001</b>	<b>Relocatable Precast Steps And Ramps</b> <small>(03 48 51)</small>		
	Note: Use only approved precast ramps and steps To be used for relocatable step installation. Includes factory new precast product, delivery of precast product to the construction site, erection cost including handling, hoisting into place, alignment, concrete pad/cap, bottom leveling landing, bracing, plastic shims for leveling, railings, permanent connections, grouting and caulking. Add child railings line items when requested. All landings are 5'-0" x 5'-0" standard size for all ramps and steps unless otherwise stated.		
<b>03 48 51 00-0002</b>	<b>Steps</b> <small>(03 48 51 00-0001)</small>		
03 48 51 00-0003	EA Furnish And Install 21" Precast Steps, Landing (4'-0" x 5'-0") And Railing .....	6,325.03	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	2,550.55	
03 48 51 00-0004	EA Install (Only) Existing 21" Precast Steps, Landing (4'-0" x 5'-0") And Rails .....	2,957.17	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,035.01	
03 48 51 00-0005	EA Furnish And Install 28" Precast Steps, Landing (4'-0" x 5'-0") And Railings .....	6,953.57	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	2,814.46	
03 48 51 00-0006	EA Install (Only) Existing 28" Precast Steps, Landing (4'-0" x 5'-0") And Rails .....	3,146.42	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,101.25	
03 48 51 00-0007	EA Furnish And Install 28" Precast Steps, Landing (5'-0" x 5'-0") And Railings .....	8,143.33	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	3,318.74	
03 48 51 00-0008	EA Install (Only) Existing 28" Precast Steps, Landing (5'-0" x 5'-0") And Railings .....	3,457.61	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,210.16	
03 48 51 00-0009	EA Furnish And Install Child Rail On 21" Steps.....	590.78	
03 48 51 00-0010	EA Furnish And Install Child Rail On 28" Steps.....	675.14	
03 48 51 00-0011	EA Furnish And Install Child Rail On 35" Steps.....	578.48	

<b>03 48 51 00-0012</b>	<b>Ramps</b> <small>(03 48 51 00-0001)</small>		
03 48 51 00-0013	EA Furnish And Install 21" Precast Ramp, Landing And Railings .....	10,336.36	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	4,297.04	
03 48 51 00-0014	EA Install (Only) Existing 21" Precast Ramp, Landing And Railings .....	3,543.27	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,240.14	
03 48 51 00-0015	EA Furnish And Install 26" Precast Ramp, Landing And Railings .....	10,899.43	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	4,527.47	
03 48 51 00-0016	EA Install (Only) Existing 26" Precast Ramp, Landing And Railings .....	3,772.69	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,320.44	
03 48 51 00-0017	EA Furnish And Install 30" Precast Ramp, Landing And Railings .....	12,490.98	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	5,212.32	
03 48 51 00-0018	EA Install (Only) Existing 30" Precast Ramp, Landing And Railings .....	4,107.60	
	<i>For 6'-6" x 6'-6" Landing, Add</i>	1,437.66	
03 48 51 00-0019	EA Furnish And Install Child Rail On 21" Ramps .....	780.66	
03 48 51 00-0020	EA Furnish And Install Child Rail On 26" Ramps .....	844.77	
03 48 51 00-0021	EA Furnish And Install Child Rail On 30" Ramps .....	878.97	
03 48 51 00-0022	EA Precast Filler 18" With Rails (Used With 6.5x6.5 Landing) .....	1,256.53	
03 48 51 00-0023	EA Furnish And Install Precast Ramp, Landing And Railings. For Odd Shapes .....	151.21	

<b>03 48 54</b>	<b>Precast Concrete Blocks</b> <small>(03 48)</small>		
<b>03 48 54 00-0001</b>	<b>Precast Interlocking Concrete Blocks</b> <small>(03 48 54)</small>		
	Note: Includes lifting loop		
03 48 54 00-0002	EA 2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block .....	171.15	48.58
03 48 54 00-0003	EA 2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block .....	203.93	54.64
03 48 54 00-0004	EA 2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block .....	236.70	60.71
03 48 54 00-0005	EA 2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block .....	319.86	66.79
03 48 54 00-0006	EA 2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block .....	384.81	72.86

**03 50 Cast Decks and Underlayment** (03)

**03 51 Cast Roof Decks** (03 50)

<b>03 51 13</b>	<b>Cementitious Wood Fiber Decks</b> <small>(03 51)</small>		
<b>03 51 13 00-0001</b>	<b>Cement Fiber Tongue And Groove Planks</b> <small>(03 51 13)</small>		
03 51 13 00-0002	SF 1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.10	
03 51 13 00-0003	SF 1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.26	
03 51 13 00-0004	SF 2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	4.47	
03 51 13 00-0005	SF 2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	5.08	
03 51 13 00-0006	SF 3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	5.76	



<b>03</b>	<b>03 Concrete</b>
	<b>03 50 Cast Decks and Underlayment</b>
	<b>03 51 Cast Roof Decks</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	6.52	
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System .....	7.47	

**03 51 16 Gypsum Concrete Roof Decks (03 51)**

<b>03 51 16 00-0001 Class A Gypsum Fill Concrete Deck (03 51 16)</b>				
03 51 16 00-0002	SF	2" Thick Precast Gypsum Fill Concrete Deck, Class A .....	11.84	0.69
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....	14.66	0.81
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A .....	17.49	0.92
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A .....	20.36	1.04
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A .....	23.25	1.15

**03 51 16 00-0007 Form Board For Lightweight Deck (03 51 16)**

03 51 16 00-0008	SF	Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck .....	2.25	
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck .....	2.89	
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck .....	5.63	
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck .....	2.47	0.67
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck .....	2.94	0.67
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck .....	3.20	0.67
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck .....	3.90	0.67

**03 51 16 00-0015 Gypsum Plank (03 51 16)**

03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck .....	4.74	
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck .....	6.18	

**03 53 Concrete Topping (03 50)**

Note: Installed over new or existing concrete.

**03 53 14 Granolithic Concrete Topping (03 53)**

<b>03 53 14 00-0001 Granolithic Topping Laid After (03 53 14)</b>				
Note: Using 1:1:1-1/2 mix.				
03 53 14 00-0002	SF	1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix .....	5.40	
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix .....	5.80	
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix .....	7.24	

**03 53 19 Concrete Overlayment (03 53)**

**03 53 19 00-0001 Integral Topping Including Hard Trowel Finish (03 53 19)**

Note: Using 1:1:2 mix.				
03 53 19 00-0002	SF	3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	3.21	
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	3.58	
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	4.17	
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	4.91	
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	6.93	
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	5.85	
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix .....	6.52	

**03 54 Cast Underlayment (03 50)**

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

**03 54 16 Hydraulic Cement Underlayment (03 54)**

<b>03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors (03 54 16)</b>				
Note: Includes primer.				
03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors .....	1.94	
			Note: Including Surface Preparation	
			<i>For Up To 100 SF, Add</i> 0.18	
			<i>For &gt;100 To 250 SF, Add</i> 0.09	
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors .....	3.29	
			Note: Including Surface Preparation	
			<i>For Up To 100 SF, Add</i> 0.18	
			<i>For &gt;100 To 250 SF, Add</i> 0.09	
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors .....	4.19	
			Note: Including Surface Preparation	
			<i>For Up To 100 SF, Add</i> 0.18	
			<i>For &gt;100 To 250 SF, Add</i> 0.09	
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors .....	5.99	
			Note: Including Surface Preparation	
			<i>For Up To 100 SF, Add</i> 0.18	
			<i>For &gt;100 To 250 SF, Add</i> 0.09	
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors .....	7.07	
			Note: Including Surface Preparation	
			<i>For Up To 100 SF, Add</i> 0.18	
			<i>For &gt;100 To 250 SF, Add</i> 0.09	



<b>Concrete</b>	<b>03</b>	<b>03</b>
<b>Cast Decks and Underlayment</b>	<b>03 50</b>	
<b>Cast Underlayment</b>	<b>03 54</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 54 16 00-0007 SF 3/4" Thick Self Leveling Cementitious Underlayment For Floors ..... Note: Including Surface Preparation For Up To 100 SF, Add For >100 To 250 SF, Add	8.76 0.21 0.11	
03 54 16 00-0008 SF 1" Thick Self Leveling Cementitious Underlayment For Floors ..... Note: Including Surface Preparation For Up To 100 SF, Add For >100 To 250 SF, Add	11.46 0.21 0.11	
03 54 16 00-0009 SF 1-1/4" Thick Self Leveling Cementitious Underlayment For Floors ..... Note: Including Surface Preparation For Up To 100 SF, Add For >100 To 250 SF, Add	15.11 0.24 0.12	
03 54 16 00-0010 SF 1-1/2" Thick Self Leveling Cementitious Underlayment For Floors ..... Note: Including Surface Preparation For Up To 100 SF, Add For >100 To 250 SF, Add	16.93 0.24 0.12	
03 54 16 00-0011 SF 1-3/4" Thick Self Leveling Cementitious Underlayment For Floors ..... Note: Including Surface Preparation For Up To 100 SF, Add For >100 To 250 SF, Add	22.45 0.30 0.15	

**03 60 Grouting** (03)

**03 61 Cementitious Grouting** (03 60)

Note: 1 part cement to 3 parts sand by volume.

**03 61 16 Cementitious Flowable Grout** (03 61)

03 61 16 00-0001 Cementitious Flowable Grout (03 61 16)

03 61 16 00-0002 CY Cementitious Flowable Grout .....	548.74
---	--------

**03 62 Non-Shrink Grouting** (03 60)

**03 62 13 Non-Metallic Non-Shrink Grouting** (03 62)

03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases (03 62 13)

03 62 13 00-0002 SF 1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases .....	32.44
03 62 13 00-0003 SF 2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases .....	47.31

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases (03 62 13)

03 62 13 00-0005 SF 1" Deep, Non-Metallic Non-Shrink Grout For Bases .....	49.37
03 62 13 00-0006 SF 2" Deep, Non-Metallic Non-Shrink Grout For Bases .....	78.22

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints (03 62 13)

03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)

03 62 13 00-0009 LF 4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	2.45
03 62 13 00-0010 LF 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	3.18
03 62 13 00-0011 LF 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints .....	4.23

03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)

03 62 13 00-0013 LF 4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	3.59
03 62 13 00-0014 LF 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	4.77
03 62 13 00-0015 LF 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints .....	6.35

**03 62 16 Metallic Non-Shrink Grouting** (03 62)

03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases (03 62 16)

03 62 16 00-0002 SF 1" Deep, Metallic Non-Shrink Grout For Bases .....	42.48
03 62 16 00-0003 SF 2" Deep, Metallic Non-Shrink Grout For Bases .....	64.88

03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints (03 62 16)

03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)

03 62 16 00-0006 LF 4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	2.02
03 62 16 00-0007 LF 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	2.53
03 62 16 00-0008 LF 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints .....	3.39

03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)

03 62 16 00-0010 LF 4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	2.75
03 62 16 00-0011 LF 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	3.47
03 62 16 00-0012 LF 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints .....	4.64

<b>03</b>	<b>03 Concrete</b>
	<b>03 60 Grouting</b>
	<b>03 63 Epoxy Grouting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**03 63 Epoxy Grouting** (03 60)

03 63 00 00-0001	Spray On Concrete Epoxy Grout <small>(03 63)</small>		
	Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002	SF 1/4" Thick Coat Spray On Concrete Epoxy Grout.....	4.42	
	<i>For Color, Add</i>		1.12
03 63 00 00-0003	SF 3/8" Thick Coat Spray On Concrete Epoxy Grout.....	6.09	
	<i>For Color, Add</i>		1.69
03 63 00 00-0004	SF 1/2" Thick Coat Spray On Concrete Epoxy Grout.....	7.78	
	<i>For Color, Add</i>		2.25
03 63 00 00-0005	SF 5/8" Thick Coat Spray On Concrete Epoxy Grout.....	9.30	
	<i>For Color, Add</i>		2.82
03 63 00 00-0006	SF 3/4" Thick Coat Spray On Concrete Epoxy Grout.....	10.82	
	<i>For Color, Add</i>		3.38
03 63 00 00-0007	SF 1" Thick Coat Spray On Concrete Epoxy Grout.....	13.99	
	<i>For Color, Add</i>		4.51

**03 64 Injection Grouting** (03 60)

Note: By volume of void filled. Includes injection ports.

**03 64 23 Epoxy Injection Grouting** (03 64)

03 64 23 00-0001	Pressure Injected Epoxy Grout <small>(03 64 23)</small>		
03 64 23 00-0002	CF Pressure Injected Epoxy Grout.....	1,369.06	
	<i>For &gt;4, Deduct</i>		-144.38

**03 64 26 Cementitious Injection Grouting** (03 64)

03 64 26 00-0001	Pressure Injected Cementitious Grout <small>(03 64 26)</small>		
03 64 26 00-0002	CF Pressure Injected Cementitious Grout.....	243.01	
	<i>For &gt;4, Deduct</i>		-61.94

**03 80 Concrete Cutting and Boring** (03)

**03 81 Concrete Cutting** (03 80)

03 81 13	Flat Concrete Sawing <small>(03 81)</small>		
	See CSI section 02 41 19 13-0051 for saw cutting.		
03 81 16	Track Mounted Concrete Wall Sawing <small>(03 81)</small>		
	See CSI section 02 41 19 13-0051 for saw cutting.		

**03 82 Concrete Boring** (03 80)

03 82 13	Concrete Core Drilling <small>(03 82)</small>		
	See CSI section 02 41 19 13-0074 for core drilling.		

**END OF SECTION 03**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 04 Masonry

### 04 01 Maintenance of Masonry <sup>(04)</sup>

#### 04 01 20 Maintenance of Unit Masonry <sup>(04 01)</sup>

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

##### 04 01 20 41 Unit Masonry Stabilization <sup>(04 01 20)</sup>

04 01 20 41-0001	Masonry Repair (Helifix®) <sup>(04 01 20 41)</sup>		
04 01 20 41-0002	Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0001)</sup>		
	Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.		
04 01 20 41-0003	304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0002)</sup>		
04 01 20 41-0004	EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		21.87
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0005	EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		30.08
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0006	EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		39.00
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0007	316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) <sup>(04 01 20 41-0002)</sup>		
04 01 20 41-0008	EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		23.65
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0009	EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		33.24
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0010	EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		43.74
	For Up To 10, Add		11.40
	For >10 To 50, Add		5.70
04 01 20 41-0011	Ties For Stitching Masonry Cracks (Helifix® Helibar) <sup>(04 01 20 41-0001)</sup>		
	Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.		
04 01 20 41-0012	304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) <sup>(04 01 20 41-0011)</sup>		
04 01 20 41-0013	EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		62.81
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0014	EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		67.48
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0015	EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		175.74
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0016	EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		62.81
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0017	EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		67.48
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0018	EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		72.79
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0019	EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		82.76
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81
04 01 20 41-0020	EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		175.74
	For Up To 10, Add		45.61
	For >10 To 50, Add		22.81



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 01 20 41-0021	<b>316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar)</b> <small>(04 01 20 41-0011)</small>	
04 01 20 41-0022	EA 4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	65.36
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0023	EA 4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	70.87
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0024	EA 4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	196.91
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0025	EA 6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	65.36
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0026	EA 6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	70.87
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0027	EA 6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	77.02
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0028	EA 6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	88.69
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0029	EA 6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....	196.91
	<i>For Up To 10, Add</i>	45.61
	<i>For &gt;10 To 50, Add</i>	22.81
04 01 20 41-0030	<b>Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0001)</small>	
	Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.	
04 01 20 41-0031	<b>304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0030)</small>	
04 01 20 41-0032	EA 4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.36
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0033	EA 5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.19
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0034	EA 6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.03
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0035	EA 7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.87
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0036	EA 8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.70
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0037	EA 9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.54
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0038	EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.36
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0039	EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.19
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0040	EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.03
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0041	EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.87
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0042	EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.70
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0043	EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.38
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0044	EA 4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.36
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0045	EA 6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.03
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42
04 01 20 41-0046	EA 8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.28
	<i>For Up To 10, Add</i>	6.84
	<i>For &gt;10 To 50, Add</i>	3.42



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 01 20 41-0047</b>		<b>316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix)</b> <small>(04 01 20 41-0030)</small>		
04 01 20 41-0048	EA	4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.36	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.19	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.03	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.87	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.70	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.54	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.36	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.19	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.03	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.87	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.70	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.38	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.36	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.03	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.28	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
<b>04 01 20 41-0063</b>		<b>Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> <small>(04 01 20 41-0001)</small>		
		Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
<b>04 01 20 41-0064</b>		<b>304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)</b> <small>(04 01 20 41-0063)</small>		
04 01 20 41-0065	EA	8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.39	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.69	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.75	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.87	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	



**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0069	EA	8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.09	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.28	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.37	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.49	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.02	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.10	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.74	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.28	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.75	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.39	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.85	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.79	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.49	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.82	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.11	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.37	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.54	
		<i>For Up To 10, Add</i>	6.84	
		<i>For &gt;10 To 50, Add</i>	3.42	
		<i>For Metal Stud Clip, Add</i>	2.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0086 EA 10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.65	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0087 EA 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.85	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0088 EA 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.93	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0089 EA 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.30	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0090 EA 10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.85	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0091 EA 10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.30	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0092 EA 10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.87	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0093 EA 10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.94	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0094 EA 10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.67	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0095 EA 10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.34	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0096 EA 8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.20	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0097 EA 8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.39	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0098 EA 8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.51	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0099 EA 8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.61	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0100 EA 8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.87	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0101 EA 8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.30	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0102 EA 8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.46	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

04 01 20 41-0103	EA		8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.88	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0104	EA		10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	10.69	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0105	EA		10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.06	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0106	EA		10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.32	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0107	EA		10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.49	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0108	EA		10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.61	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0109	EA		10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	11.88	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0110	EA		304 Stainless Steel, Seismic Connector (Helifix® DryFix®) .....	4.93	
			Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
			<i>For Up To 10, Add</i> .....	3.42	
			<i>For &gt;10 To 50, Add</i> .....	1.71	

**04 01 20 41-0111 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)** (04 01 20 41-0063)

04 01 20 41-0112	EA		8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	9.87	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0113	EA		8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	10.24	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0114	EA		8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	10.32	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0115	EA		8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	10.47	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0116	EA		8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	10.74	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0117	EA		8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	10.97	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0118	EA		8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	11.09	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	
04 01 20 41-0119	EA		8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) .....	11.24	
			<i>For Up To 10, Add</i> .....	6.84	
			<i>For &gt;10 To 50, Add</i> .....	3.42	
			<i>For Metal Stud Clip, Add</i> .....	2.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0120 EA 8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.79	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0121 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.89	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0122 EA 8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.69	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0123 EA 8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.37	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0124 EA 8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.96	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0125 EA 8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.00	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0126 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.67	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0127 EA 8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.09	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0128 EA 10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.06	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0129 EA 10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.43	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0130 EA 10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.80	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0131 EA 10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.12	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0132 EA 10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.33	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0133 EA 10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.47	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0134 EA 10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.72	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0135 EA 10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.82	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0136 EA 10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.26	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	

**04 Masonry****04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
04 01 20 41-0137	EA	10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		12.87	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		13.43	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		14.14	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		17.99	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		19.83	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....		23.17	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0143	EA	8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		10.96	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0144	EA	8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.17	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0145	EA	8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.32	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0146	EA	8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.43	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0147	EA	8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.77	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0148	EA	8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		12.30	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0149	EA	8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		12.48	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0150	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		13.00	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0151	EA	10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.50	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0152	EA	10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		11.96	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	
04 01 20 41-0153	EA	10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....		12.28	
		<i>For Up To 10, Add</i>		6.84	
		<i>For &gt;10 To 50, Add</i>		3.42	
		<i>For Metal Stud Clip, Add</i>		2.47	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0154 EA 10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	12.49	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0155 EA 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	12.63	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0156 EA 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric) .....	12.98	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<i>For Metal Stud Clip, Add</i>	2.47	
04 01 20 41-0157 EA 316 Stainless Steel, Seismic Connector (Helifix® DryFix®) .....	5.30	
Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
<i>For Up To 10, Add</i>	3.42	
<i>For &gt;10 To 50, Add</i>	1.71	
<b>04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) (04 01 20 41-0001)</b>		
Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
<b>04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>		
(04 01 20 41-0158)		
04 01 20 41-0160 EA 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	8.22	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0161 EA 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	8.27	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<b>04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)</b>		
(04 01 20 41-0158)		
04 01 20 41-0163 EA 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	8.48	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
04 01 20 41-0164 EA 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin) .....	8.54	
<i>For Up To 10, Add</i>	6.84	
<i>For &gt;10 To 50, Add</i>	3.42	
<b>04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0001)</b>		
Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
<b>04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)</b>		
04 01 20 41-0167 EA 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) .....	53.49	
<i>For Up To 10, Add</i>	45.61	
<i>For &gt;10 To 50, Add</i>	22.81	
<b>04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) (04 01 20 41-0165)</b>		
04 01 20 41-0169 EA 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie) .....	54.67	
<i>For Up To 10, Add</i>	45.61	
<i>For &gt;10 To 50, Add</i>	22.81	
<b>04 01 20 41-0170 Unit Masonry Stabilization (04 01 20 41)</b>		
<b>04 01 20 41-0171 Repair Bulging Or Loose Masonry (04 01 20 41-0170)</b>		
04 01 20 41-0172 SF Repair Bulging Or Loose Masonry Using Existing Masonry .....	98.34	
Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173 SF Repair Bulging Or Loose Masonry Using New Masonry .....	104.12	
Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
<b>04 01 20 51 Unit Masonry Maintenance (04 01 20)</b>		
<b>04 01 20 51-0001 Repair Masonry (04 01 20 51)</b>		
Note: Includes mortar for repair.		
04 01 20 51-0002 SF Patch And Repair Terra Cotta Walls Or Coping .....	22.43	
Note: Including Replacement Of Damaged Material		
04 01 20 51-0003 SF Patch And Repair Terra Cotta Floors .....	20.84	
Note: Including Replacement Of Damaged Material		
04 01 20 51-0004 LF Chip And Repair With Masonry Patch, Cracks Up To 1/4" .....	5.19	
04 01 20 51-0005 SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade .....	8.85	



<b>04</b>	<b>04 Masonry</b>
	<b>04 01 Maintenance of Masonry</b>
	<b>04 01 20 Maintenance of Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 51-0006 LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570) .....	38.38	
<i>For Cracks Accessible From Both Sides, Add</i> .....	7.79	
04 01 20 51-0007 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....	34.13	
<i>For Cracks Accessible From Both Sides, Add</i> .....	7.79	
04 01 20 51-0008 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	9.60	
<i>For V-Grooving Crack With Grinder, Add</i> .....	6.97	
04 01 20 51-0009 LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	12.85	
<i>For V-Grooving Crack With Grinder, Add</i> .....	6.61	
<b>04 01 20 51-0010 Grind Unit Masonry (04 01 20 51)</b>		
04 01 20 51-0011 SF Grind Smooth Masonry Wall .....	4.56	
<b>04 01 20 52 Unit Masonry Cleaning (04 01 20)</b>		
See CSI section 09 01 90 52-0002 for cleaning of unit masonry surfaces.		
<b>04 01 20 91 Unit Masonry Restoration (04 01 20)</b>		
See CSI section 03 01 30 71-0045 for crack repair.		
<b>04 01 20 91-0001 Cut And Repoint Masonry (04 01 20 91)</b>		
Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		
04 01 20 91-0002 SF Cut And Repoint, Hard Mortar, Running Bond, Brick .....	11.25	
<i>For Common Bond, Add</i> .....	0.43	
<i>For Flemish Bond, Add</i> .....	1.50	
<i>For English Bond, Add</i> .....	2.46	
<i>For Oversized Or Larger Than Standard, Deduct</i> .....	-1.69	
<i>For &gt;250 To 1,000, Deduct</i> .....	-0.53	
<i>For &gt;1,000, Deduct</i> .....	-1.10	
04 01 20 91-0003 SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick .....	7.82	
<i>For Common Bond, Add</i> .....	0.29	
<i>For Flemish Bond, Add</i> .....	1.02	
<i>For English Bond, Add</i> .....	1.67	
<i>For Oversized Or Larger Than Standard, Deduct</i> .....	-1.17	
<i>For &gt;250 To 1,000, Deduct</i> .....	-0.36	
<i>For &gt;1,000, Deduct</i> .....	-0.75	
04 01 20 91-0004 SF Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....	6.09	
<i>For Common Bond, Add</i> .....	0.22	
<i>For Oversized Or Larger Than Standard, Deduct</i> .....	-0.91	
<i>For &gt;250 To 1,000, Deduct</i> .....	-0.28	
<i>For &gt;1,000, Deduct</i> .....	-0.58	
04 01 20 91-0005 SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block .....	4.33	
<i>For Common Bond, Add</i> .....	0.15	
<i>For Oversized Or Larger Than Standard, Deduct</i> .....	-0.65	
<i>For &gt;250 To 1,000, Deduct</i> .....	-0.19	
<i>For &gt;1,000, Deduct</i> .....	-0.40	
04 01 20 91-0006 LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	3.30	
<b>04 01 50 Maintenance of Refractory Masonry (04 01)</b>		
<b>04 01 50 52 Refractory Masonry Cleaning (04 01 50)</b>		
<b>04 01 50 52-0001 Chimney Cleaning (04 01 50 52)</b>		
04 01 50 52-0002 LF Up To 2 SF Cross Section Chimney Cleaning.....	8.47	
04 01 50 52-0003 LF >2 To 4 SF Cross Section Chimney Cleaning.....	16.92	
04 01 50 52-0004 LF >4 SF Cross Section Chimney Cleaning.....	25.39	
<b>04 05 Common Work Results for Masonry (04)</b>		
<b>04 05 13 Masonry Mortaring (04 05)</b>		
<b>04 05 13 26 Engineered Masonry Mortaring (04 05 13)</b>		
Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.		
<b>04 05 13 26-0001 Masonry Cement Mortar (04 05 13 26)</b>		
Note: Ratio is bag material to sand.		
04 05 13 26-0002 CF Type M Masonry Cement 1:1:6 Mix .....	6.84	
04 05 13 26-0003 CF Type N Masonry Cement 1:3 Mix .....	6.31	
04 05 13 26-0004 CF Type O Masonry Cement 1:3 Mix .....	6.48	
04 05 13 26-0005 CF Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI .....	7.09	
04 05 13 26-0006 CF Type S Masonry Cement 1/2:1:4 Mix.....	7.48	
<b>04 05 13 26-0007 Mortar Admixture (04 05 13 26)</b>		
04 05 13 26-0008 CF Water - Repellent Stearate - Cost Based On CF Of Mortar .....	0.47	
04 05 13 26-0009 CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar .....	0.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

04 05 13 26-0010	<b>Color Admixtures For Mortar</b> <small>(04 05 13 26)</small>	
<small>Note: Costs are based on CF of mortar.</small>		
04 05 13 26-0011	CF Buff Colored Admixture.....	2.97
04 05 13 26-0012	CF Brown Colored Admixture.....	3.37
04 05 13 26-0013	CF Black Colored Admixture.....	4.17
04 05 13 26-0014	CF Red Colored Admixture.....	9.14

04 05 13 26-0015	<b>Portland Cement</b> <small>(04 05 13 26)</small>	
04 05 13 26-0016	CF Normal Portland Cement (Type I).....	15.83
04 05 13 26-0017	CF Modified Portland Cement (Type II).....	7.90
04 05 13 26-0018	CF High Early Strength Portland Cement (Type III).....	8.38
04 05 13 26-0019	CF White Non-Staining Portland Cement (Type I).....	17.55

**04 05 16 Masonry Grouting** (04 05)

**04 05 16 26 Engineered Masonry Grouting** (04 05 16)

Note: Excludes reinforcement.

04 05 16 26-0001	<b>Grout Bond Beams And Lintels, Grout Fill</b> <small>(04 05 16 26)</small>	
<small>Note: Excludes block.</small>		
04 05 16 26-0002	LF Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep.....	5.30
04 05 16 26-0003	LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep.....	5.78
04 05 16 26-0004	LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep.....	6.44
04 05 16 26-0005	LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep.....	7.19

04 05 16 26-0006	<b>Grout Concrete Block Cores, Grout Fill</b> <small>(04 05 16 26)</small>	
<small>Note: Per SF of face area filled.</small>		
04 05 16 26-0007	SF Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF).....	4.16
04 05 16 26-0008	SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF).....	6.02
04 05 16 26-0009	SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF).....	8.58
04 05 16 26-0010	SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF).....	10.52
04 05 16 26-0011	SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF).....	12.43

04 05 16 26-0012	<b>Grout Cavity Walls, Grout Fill</b> <small>(04 05 16 26)</small>	
<small>Note: Per SF of face area filled.</small>		
04 05 16 26-0013	SF Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF).....	4.86
04 05 16 26-0014	SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF).....	6.85
04 05 16 26-0015	SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF).....	8.58
04 05 16 26-0016	SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF).....	11.63

04 05 16 26-0017	<b>Grout Frames, Grout Fill</b> <small>(04 05 16 26)</small>	
04 05 16 26-0018	LF Grout Door Frames - Grout Fill.....	7.66
04 05 16 26-0019	LF Grout Window Frames - Grout Fill.....	6.55

04 05 16 26-0020	<b>Sand Filled Walls</b> <small>(04 05 16 26)</small>	
04 05 16 26-0021	<b>Sand Fill Cavity Walls, Sand Fill</b> <small>(04 05 16 26-0020)</small>	
<small>Note: Per SF of face area filled.</small>		
04 05 16 26-0022	SF Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF).....	4.06
04 05 16 26-0023	SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF).....	5.60
04 05 16 26-0024	SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF).....	6.88
04 05 16 26-0025	SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF).....	9.15

**04 05 19 Masonry Anchorage and Reinforcing** (04 05)

**04 05 19 13 Continuous Joint Reinforcing** (04 05 19)

Note: Includes cutting and bending.

04 05 19 13-0001	Continuous Joint Reinforcing <small>(04 05 19 13)</small>	
04 05 19 13-0002	Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>	
04 05 19 13-0003	Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>	
04 05 19 13-0004	Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>	
04 05 19 13-0005	CLF #4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	66.47
	<i>For Hot-Dipped Galvanized, Add</i>	10.91
	<i>For Stainless Steel, Add</i>	43.64
04 05 19 13-0006	CLF #6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	70.62
	<i>For Hot-Dipped Galvanized, Add</i>	11.46
	<i>For Stainless Steel, Add</i>	45.84

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0007	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	76.20		
		<i>For Hot-Dipped Galvanized, Add</i>	12.08		
		<i>For Stainless Steel, Add</i>	48.32		
04 05 19 13-0008	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	82.81		
		<i>For Hot-Dipped Galvanized, Add</i>	12.78		
		<i>For Stainless Steel, Add</i>	51.12		
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.54		
		<i>For Hot-Dipped Galvanized, Add</i>	13.47		
		<i>For Stainless Steel, Add</i>	53.86		
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.29		
		<i>For Hot-Dipped Galvanized, Add</i>	13.80		
		<i>For Stainless Steel, Add</i>	55.20		
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	100.49		
		<i>For Hot-Dipped Galvanized, Add</i>	14.19		
		<i>For Stainless Steel, Add</i>	56.74		
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.71		
		<i>For Hot-Dipped Galvanized, Add</i>	19.50		
		<i>For Stainless Steel, Add</i>	78.00		
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	141.57		
		<i>For Hot-Dipped Galvanized, Add</i>	30.14		
		<i>For Stainless Steel, Add</i>	120.56		
04 05 19 13-0014		<b>Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>			
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	78.57		
		<i>For Hot-Dipped Galvanized, Add</i>	16.96		
		<i>For Stainless Steel, Add</i>	67.84		
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	82.85		
		<i>For Hot-Dipped Galvanized, Add</i>	17.58		
		<i>For Stainless Steel, Add</i>	70.30		
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.56		
		<i>For Hot-Dipped Galvanized, Add</i>	18.26		
		<i>For Stainless Steel, Add</i>	73.04		
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	95.04		
		<i>For Hot-Dipped Galvanized, Add</i>	18.90		
		<i>For Stainless Steel, Add</i>	75.58		
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.74		
		<i>For Hot-Dipped Galvanized, Add</i>	19.57		
		<i>For Stainless Steel, Add</i>	78.26		
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.55		
		<i>For Hot-Dipped Galvanized, Add</i>	19.94		
		<i>For Stainless Steel, Add</i>	79.74		
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	112.66		
		<i>For Hot-Dipped Galvanized, Add</i>	20.27		
		<i>For Stainless Steel, Add</i>	81.06		
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.78		
		<i>For Hot-Dipped Galvanized, Add</i>	27.54		
		<i>For Stainless Steel, Add</i>	110.16		
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	169.15		
		<i>For Hot-Dipped Galvanized, Add</i>	43.94		
		<i>For Stainless Steel, Add</i>	175.76		
04 05 19 13-0024		<b>Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>			
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	90.30		
		<i>For Hot-Dipped Galvanized, Add</i>	22.83		
		<i>For Stainless Steel, Add</i>	91.30		
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	96.24		
		<i>For Hot-Dipped Galvanized, Add</i>	24.08		
		<i>For Stainless Steel, Add</i>	96.30		
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	102.18		
		<i>For Hot-Dipped Galvanized, Add</i>	25.33		
		<i>For Stainless Steel, Add</i>	101.32		



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0028	CLF #10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	110.92
	For Hot-Dipped Galvanized, Add .....	26.84
	For Stainless Steel, Add .....	107.34
04 05 19 13-0029	CLF #12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	119.62
	For Hot-Dipped Galvanized, Add .....	28.32
	For Stainless Steel, Add .....	113.28
04 05 19 13-0030	CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	126.94
	For Hot-Dipped Galvanized, Add .....	29.12
	For Stainless Steel, Add .....	116.48
04 05 19 13-0031	CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	131.17
	For Hot-Dipped Galvanized, Add .....	29.81
	For Stainless Steel, Add .....	119.22
04 05 19 13-0032	CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	139.06
	For Hot-Dipped Galvanized, Add .....	31.18
	For Stainless Steel, Add .....	124.70
04 05 19 13-0033	CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	184.88
	For Hot-Dipped Galvanized, Add .....	51.80
	For Stainless Steel, Add .....	207.18
<b>04 05 19 13-0034</b>	<b>Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>	
04 05 19 13-0035	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	94.33
	For Hot-Dipped Galvanized, Add .....	24.84
	For Stainless Steel, Add .....	99.36
04 05 19 13-0036	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	98.47
	For Hot-Dipped Galvanized, Add .....	25.38
	For Stainless Steel, Add .....	101.52
04 05 19 13-0037	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	104.04
	For Hot-Dipped Galvanized, Add .....	26.00
	For Stainless Steel, Add .....	104.00
04 05 19 13-0038	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	110.65
	For Hot-Dipped Galvanized, Add .....	26.70
	For Stainless Steel, Add .....	106.80
04 05 19 13-0039	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	118.39
	For Hot-Dipped Galvanized, Add .....	27.39
	For Stainless Steel, Add .....	109.54
04 05 19 13-0040	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	124.14
	For Hot-Dipped Galvanized, Add .....	27.72
	For Stainless Steel, Add .....	110.88
04 05 19 13-0041	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	128.32
	For Hot-Dipped Galvanized, Add .....	28.10
	For Stainless Steel, Add .....	112.40
04 05 19 13-0042	CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	143.54
	For Hot-Dipped Galvanized, Add .....	33.42
	For Stainless Steel, Add .....	133.66
<b>04 05 19 13-0043</b>	<b>Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>	
04 05 19 13-0044	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	106.42
	For Hot-Dipped Galvanized, Add .....	30.89
	For Stainless Steel, Add .....	123.54
04 05 19 13-0045	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	110.72
	For Hot-Dipped Galvanized, Add .....	31.51
	For Stainless Steel, Add .....	126.02
04 05 19 13-0046	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	116.42
	For Hot-Dipped Galvanized, Add .....	32.19
	For Stainless Steel, Add .....	128.76
04 05 19 13-0047	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	122.91
	For Hot-Dipped Galvanized, Add .....	32.83
	For Stainless Steel, Add .....	131.32
04 05 19 13-0048	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	130.61
	For Hot-Dipped Galvanized, Add .....	33.50
	For Stainless Steel, Add .....	133.98

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0049	CLF	#13	(For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	136.40	
			<i>For Hot-Dipped Galvanized, Add</i> .....	33.86	
			<i>For Stainless Steel, Add</i> .....	135.44	
04 05 19 13-0050	CLF	#14	(For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	140.52	
			<i>For Hot-Dipped Galvanized, Add</i> .....	34.20	
			<i>For Stainless Steel, Add</i> .....	136.78	
04 05 19 13-0051	CLF	#16	(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	159.64	
			<i>For Hot-Dipped Galvanized, Add</i> .....	41.47	
			<i>For Stainless Steel, Add</i> .....	165.88	
04 05 19 13-0052	CLF	#18	(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	197.02	
			<i>For Hot-Dipped Galvanized, Add</i> .....	57.88	
			<i>For Stainless Steel, Add</i> .....	231.50	
<b>04 05 19 13-0053</b>			<b>Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>		
04 05 19 13-0054	CLF	#4	(For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	118.13	
			<i>For Hot-Dipped Galvanized, Add</i> .....	36.74	
			<i>For Stainless Steel, Add</i> .....	146.96	
04 05 19 13-0055	CLF	#6	(For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	124.09	
			<i>For Hot-Dipped Galvanized, Add</i> .....	38.00	
			<i>For Stainless Steel, Add</i> .....	152.00	
04 05 19 13-0056	CLF	#8	(For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	130.03	
			<i>For Hot-Dipped Galvanized, Add</i> .....	39.26	
			<i>For Stainless Steel, Add</i> .....	157.02	
04 05 19 13-0057	CLF	#10	(For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	138.75	
			<i>For Hot-Dipped Galvanized, Add</i> .....	40.75	
			<i>For Stainless Steel, Add</i> .....	163.00	
04 05 19 13-0058	CLF	#12	(For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	147.48	
			<i>For Hot-Dipped Galvanized, Add</i> .....	42.25	
			<i>For Stainless Steel, Add</i> .....	169.00	
04 05 19 13-0059	CLF	#13	(For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	154.79	
			<i>For Hot-Dipped Galvanized, Add</i> .....	43.05	
			<i>For Stainless Steel, Add</i> .....	172.18	
04 05 19 13-0060	CLF	#14	(For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	159.02	
			<i>For Hot-Dipped Galvanized, Add</i> .....	43.73	
			<i>For Stainless Steel, Add</i> .....	174.92	
04 05 19 13-0061	CLF	#16	(For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	166.90	
			<i>For Hot-Dipped Galvanized, Add</i> .....	45.10	
			<i>For Stainless Steel, Add</i> .....	180.38	
04 05 19 13-0062	CLF	#18	(For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	212.73	
			<i>For Hot-Dipped Galvanized, Add</i> .....	65.72	
			<i>For Stainless Steel, Add</i> .....	262.88	
<b>04 05 19 13-0063</b>			<b>Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>		
04 05 19 13-0064	CLF	#4	(For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	122.18	
			<i>For Hot-Dipped Galvanized, Add</i> .....	38.77	
			<i>For Stainless Steel, Add</i> .....	155.06	
04 05 19 13-0065	CLF	#6	(For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	126.32	
			<i>For Hot-Dipped Galvanized, Add</i> .....	39.31	
			<i>For Stainless Steel, Add</i> .....	157.22	
04 05 19 13-0066	CLF	#8	(For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	131.89	
			<i>For Hot-Dipped Galvanized, Add</i> .....	39.93	
			<i>For Stainless Steel, Add</i> .....	159.70	
04 05 19 13-0067	CLF	#10	(For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	138.50	
			<i>For Hot-Dipped Galvanized, Add</i> .....	40.63	
			<i>For Stainless Steel, Add</i> .....	162.50	
04 05 19 13-0068	CLF	#12	(For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	146.24	
			<i>For Hot-Dipped Galvanized, Add</i> .....	41.31	
			<i>For Stainless Steel, Add</i> .....	165.24	
04 05 19 13-0069	CLF	#13	(For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	151.99	
			<i>For Hot-Dipped Galvanized, Add</i> .....	41.65	
			<i>For Stainless Steel, Add</i> .....	166.58	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0070	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	156.17
	<i>For Hot-Dipped Galvanized, Add</i> .....	42.03
	<i>For Stainless Steel, Add</i> .....	168.10
04 05 19 13-0071	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	171.39
	<i>For Hot-Dipped Galvanized, Add</i> .....	47.34
	<i>For Stainless Steel, Add</i> .....	189.36
04 05 19 13-0072	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	197.25
	<i>For Hot-Dipped Galvanized, Add</i> .....	57.99
	<i>For Stainless Steel, Add</i> .....	231.94
<b>04 05 19 13-0073</b>	<b>Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>	
04 05 19 13-0074	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	134.27
	<i>For Hot-Dipped Galvanized, Add</i> .....	44.81
	<i>For Stainless Steel, Add</i> .....	179.24
04 05 19 13-0075	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	138.57
	<i>For Hot-Dipped Galvanized, Add</i> .....	45.43
	<i>For Stainless Steel, Add</i> .....	181.72
04 05 19 13-0076	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	144.27
	<i>For Hot-Dipped Galvanized, Add</i> .....	46.12
	<i>For Stainless Steel, Add</i> .....	184.46
04 05 19 13-0077	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	150.75
	<i>For Hot-Dipped Galvanized, Add</i> .....	46.75
	<i>For Stainless Steel, Add</i> .....	187.00
04 05 19 13-0078	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	158.46
	<i>For Hot-Dipped Galvanized, Add</i> .....	47.42
	<i>For Stainless Steel, Add</i> .....	189.68
04 05 19 13-0079	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	164.25
	<i>For Hot-Dipped Galvanized, Add</i> .....	47.79
	<i>For Stainless Steel, Add</i> .....	191.14
04 05 19 13-0080	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	168.37
	<i>For Hot-Dipped Galvanized, Add</i> .....	48.12
	<i>For Stainless Steel, Add</i> .....	192.48
04 05 19 13-0081	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	187.48
	<i>For Hot-Dipped Galvanized, Add</i> .....	55.39
	<i>For Stainless Steel, Add</i> .....	221.56
04 05 19 13-0082	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	224.86
	<i>For Hot-Dipped Galvanized, Add</i> .....	71.80
	<i>For Stainless Steel, Add</i> .....	287.18
<b>04 05 19 13-0083</b>	<b>Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0003)</small>	
04 05 19 13-0084	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	145.98
	<i>For Hot-Dipped Galvanized, Add</i> .....	50.67
	<i>For Stainless Steel, Add</i> .....	202.66
04 05 19 13-0085	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	151.93
	<i>For Hot-Dipped Galvanized, Add</i> .....	51.92
	<i>For Stainless Steel, Add</i> .....	207.68
04 05 19 13-0086	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	157.88
	<i>For Hot-Dipped Galvanized, Add</i> .....	53.18
	<i>For Stainless Steel, Add</i> .....	212.72
04 05 19 13-0087	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	166.60
	<i>For Hot-Dipped Galvanized, Add</i> .....	54.68
	<i>For Stainless Steel, Add</i> .....	218.70
04 05 19 13-0088	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	175.32
	<i>For Hot-Dipped Galvanized, Add</i> .....	56.17
	<i>For Stainless Steel, Add</i> .....	224.68
04 05 19 13-0089	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	182.63
	<i>For Hot-Dipped Galvanized, Add</i> .....	56.97
	<i>For Stainless Steel, Add</i> .....	227.86
04 05 19 13-0090	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	186.86
	<i>For Hot-Dipped Galvanized, Add</i> .....	57.65
	<i>For Stainless Steel, Add</i> .....	230.60



**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0091	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	194.75	
	<i>For Hot-Dipped Galvanized, Add</i> .....	59.02	
	<i>For Stainless Steel, Add</i> .....	236.08	
04 05 19 13-0092	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement .....	240.57	
	<i>For Hot-Dipped Galvanized, Add</i> .....	79.64	
	<i>For Stainless Steel, Add</i> .....	318.56	
04 05 19 13-0093	<b>Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
04 05 19 13-0094	<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0093)</small>		
04 05 19 13-0095	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	95.06	
	<i>For Hot-Dipped Galvanized, Add</i> .....	18.55	
	<i>For Stainless Steel, Add</i> .....	74.18	
04 05 19 13-0096	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	104.90	
	<i>For Hot-Dipped Galvanized, Add</i> .....	20.25	
	<i>For Stainless Steel, Add</i> .....	81.00	
04 05 19 13-0097	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	114.36	
	<i>For Hot-Dipped Galvanized, Add</i> .....	21.76	
	<i>For Stainless Steel, Add</i> .....	87.02	
04 05 19 13-0098	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	122.53	
	<i>For Hot-Dipped Galvanized, Add</i> .....	22.63	
	<i>For Stainless Steel, Add</i> .....	90.50	
04 05 19 13-0099	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	127.36	
	<i>For Hot-Dipped Galvanized, Add</i> .....	23.43	
	<i>For Stainless Steel, Add</i> .....	93.70	
04 05 19 13-0100	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	136.73	
	<i>For Hot-Dipped Galvanized, Add</i> .....	25.22	
	<i>For Stainless Steel, Add</i> .....	100.86	
04 05 19 13-0101	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	144.82	
	<i>For Hot-Dipped Galvanized, Add</i> .....	26.69	
	<i>For Stainless Steel, Add</i> .....	106.74	
04 05 19 13-0102	<b>3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0093)</small>		
04 05 19 13-0103	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	110.13	
	<i>For Hot-Dipped Galvanized, Add</i> .....	26.08	
	<i>For Stainless Steel, Add</i> .....	104.32	
04 05 19 13-0104	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	120.00	
	<i>For Hot-Dipped Galvanized, Add</i> .....	27.80	
	<i>For Stainless Steel, Add</i> .....	111.20	
04 05 19 13-0105	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	129.29	
	<i>For Hot-Dipped Galvanized, Add</i> .....	29.22	
	<i>For Stainless Steel, Add</i> .....	116.88	
04 05 19 13-0106	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	137.63	
	<i>For Hot-Dipped Galvanized, Add</i> .....	30.18	
	<i>For Stainless Steel, Add</i> .....	120.70	
04 05 19 13-0107	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	142.43	
	<i>For Hot-Dipped Galvanized, Add</i> .....	30.96	
	<i>For Stainless Steel, Add</i> .....	123.84	
04 05 19 13-0108	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	151.80	
	<i>For Hot-Dipped Galvanized, Add</i> .....	32.75	
	<i>For Stainless Steel, Add</i> .....	131.00	
04 05 19 13-0109	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	160.09	
	<i>For Hot-Dipped Galvanized, Add</i> .....	34.32	
	<i>For Stainless Steel, Add</i> .....	137.28	
04 05 19 13-0110	<b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0093)</small>		
04 05 19 13-0111	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	117.45	
	<i>For Hot-Dipped Galvanized, Add</i> .....	29.74	
	<i>For Stainless Steel, Add</i> .....	118.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0112 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	129.06	
<i>For Hot-Dipped Galvanized, Add</i>	32.33	
<i>For Stainless Steel, Add</i>	129.32	
04 05 19 13-0113 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	140.59	
<i>For Hot-Dipped Galvanized, Add</i>	34.87	
<i>For Stainless Steel, Add</i>	139.48	
04 05 19 13-0114 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	149.73	
<i>For Hot-Dipped Galvanized, Add</i>	36.23	
<i>For Stainless Steel, Add</i>	144.90	
04 05 19 13-0115 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	155.43	
<i>For Hot-Dipped Galvanized, Add</i>	37.46	
<i>For Stainless Steel, Add</i>	149.84	
04 05 19 13-0116 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	166.50	
<i>For Hot-Dipped Galvanized, Add</i>	40.10	
<i>For Stainless Steel, Add</i>	160.40	
04 05 19 13-0117 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement .....	176.83	
<i>For Hot-Dipped Galvanized, Add</i>	42.69	
<i>For Stainless Steel, Add</i>	170.76	
<b>04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
<b>04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0118)</small>		
04 05 19 13-0120 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	135.63	
<i>For Hot-Dipped Galvanized, Add</i>	38.83	
<i>For Stainless Steel, Add</i>	155.32	
04 05 19 13-0121 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	144.43	
<i>For Hot-Dipped Galvanized, Add</i>	40.02	
<i>For Stainless Steel, Add</i>	160.06	
04 05 19 13-0122 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	153.29	
<i>For Hot-Dipped Galvanized, Add</i>	41.22	
<i>For Stainless Steel, Add</i>	164.88	
04 05 19 13-0123 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	165.62	
<i>For Hot-Dipped Galvanized, Add</i>	42.56	
<i>For Stainless Steel, Add</i>	170.22	
04 05 19 13-0124 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	174.08	
<i>For Hot-Dipped Galvanized, Add</i>	43.89	
<i>For Stainless Steel, Add</i>	175.56	
04 05 19 13-0125 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	183.31	
<i>For Hot-Dipped Galvanized, Add</i>	45.93	
<i>For Stainless Steel, Add</i>	183.72	
<b>04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0118)</small>		
04 05 19 13-0127 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	159.25	
<i>For Hot-Dipped Galvanized, Add</i>	50.64	
<i>For Stainless Steel, Add</i>	202.56	
04 05 19 13-0128 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	168.09	
<i>For Hot-Dipped Galvanized, Add</i>	51.85	
<i>For Stainless Steel, Add</i>	207.38	
04 05 19 13-0129 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	177.25	
<i>For Hot-Dipped Galvanized, Add</i>	53.20	
<i>For Stainless Steel, Add</i>	212.80	
04 05 19 13-0130 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	189.28	
<i>For Hot-Dipped Galvanized, Add</i>	54.39	
<i>For Stainless Steel, Add</i>	217.54	
04 05 19 13-0131 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	197.78	
<i>For Hot-Dipped Galvanized, Add</i>	55.74	
<i>For Stainless Steel, Add</i>	222.96	
04 05 19 13-0132 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	205.63	
<i>For Hot-Dipped Galvanized, Add</i>	57.09	
<i>For Stainless Steel, Add</i>	228.36	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 13-0133	3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0134	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	160.99	
	For Hot-Dipped Galvanized, Add	51.51	
	For Stainless Steel, Add	206.04	
04 05 19 13-0135	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	171.13	
	For Hot-Dipped Galvanized, Add	53.37	
	For Stainless Steel, Add	213.46	
04 05 19 13-0136	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	181.26	
	For Hot-Dipped Galvanized, Add	55.21	
	For Stainless Steel, Add	220.82	
04 05 19 13-0137	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	195.36	
	For Hot-Dipped Galvanized, Add	57.43	
	For Stainless Steel, Add	229.70	
04 05 19 13-0138	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	205.56	
	For Hot-Dipped Galvanized, Add	59.63	
	For Stainless Steel, Add	238.52	
04 05 19 13-0139	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	215.09	
	For Hot-Dipped Galvanized, Add	61.82	
	For Stainless Steel, Add	247.28	
04 05 19 13-0140	Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0141	9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0142	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	146.47	
	For Hot-Dipped Galvanized, Add	41.04	
	For Stainless Steel, Add	164.14	
04 05 19 13-0143	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	155.26	
	For Hot-Dipped Galvanized, Add	42.21	
	For Stainless Steel, Add	168.82	
04 05 19 13-0144	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	167.26	
	For Hot-Dipped Galvanized, Add	43.38	
	For Stainless Steel, Add	173.50	
04 05 19 13-0145	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	175.82	
	For Hot-Dipped Galvanized, Add	44.76	
	For Stainless Steel, Add	179.04	
04 05 19 13-0146	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	183.65	
	For Hot-Dipped Galvanized, Add	46.10	
	For Stainless Steel, Add	184.40	
04 05 19 13-0147	CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	192.62	
	For Hot-Dipped Galvanized, Add	48.79	
	For Stainless Steel, Add	195.16	
04 05 19 13-0148	3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0149	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	170.13	
	For Hot-Dipped Galvanized, Add	52.87	
	For Stainless Steel, Add	211.46	
04 05 19 13-0150	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	178.95	
	For Hot-Dipped Galvanized, Add	54.05	
	For Stainless Steel, Add	216.20	
04 05 19 13-0151	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	191.28	
	For Hot-Dipped Galvanized, Add	55.39	
	For Stainless Steel, Add	221.54	
04 05 19 13-0152	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	199.45	
	For Hot-Dipped Galvanized, Add	56.58	
	For Stainless Steel, Add	226.30	
04 05 19 13-0153	CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement .....	207.30	
	For Hot-Dipped Galvanized, Add	57.93	
	For Stainless Steel, Add	231.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0154 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	216.57	
<i>For Hot-Dipped Galvanized, Add</i>	60.77	
<i>For Stainless Steel, Add</i>	243.06	
<b>04 05 19 13-0155 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0140)</small>		
04 05 19 13-0156 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	171.80	
<i>For Hot-Dipped Galvanized, Add</i>	53.70	
<i>For Stainless Steel, Add</i>	214.80	
04 05 19 13-0157 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	181.96	
<i>For Hot-Dipped Galvanized, Add</i>	55.56	
<i>For Stainless Steel, Add</i>	222.22	
04 05 19 13-0158 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	195.36	
<i>For Hot-Dipped Galvanized, Add</i>	57.43	
<i>For Stainless Steel, Add</i>	229.70	
04 05 19 13-0159 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	205.56	
<i>For Hot-Dipped Galvanized, Add</i>	59.63	
<i>For Stainless Steel, Add</i>	238.52	
04 05 19 13-0160 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	215.09	
<i>For Hot-Dipped Galvanized, Add</i>	61.82	
<i>For Stainless Steel, Add</i>	247.28	
04 05 19 13-0161 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	224.96	
<i>For Hot-Dipped Galvanized, Add</i>	64.96	
<i>For Stainless Steel, Add</i>	259.84	
<b>04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
<b>04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0162)</small>		
04 05 19 13-0164 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	138.68	
<i>For Hot-Dipped Galvanized, Add</i>	37.14	
<i>For Stainless Steel, Add</i>	148.56	
<i>For Seismic Hook And Eye, Add</i>	15.97	
04 05 19 13-0165 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	147.07	
<i>For Hot-Dipped Galvanized, Add</i>	38.11	
<i>For Stainless Steel, Add</i>	152.44	
<i>For Seismic Hook And Eye, Add</i>	16.39	
04 05 19 13-0166 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	158.80	
<i>For Hot-Dipped Galvanized, Add</i>	39.15	
<i>For Stainless Steel, Add</i>	156.58	
<i>For Seismic Hook And Eye, Add</i>	16.83	
04 05 19 13-0167 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	166.80	
<i>For Hot-Dipped Galvanized, Add</i>	40.25	
<i>For Stainless Steel, Add</i>	161.00	
<i>For Seismic Hook And Eye, Add</i>	17.31	
04 05 19 13-0168 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	174.26	
<i>For Hot-Dipped Galvanized, Add</i>	41.41	
<i>For Stainless Steel, Add</i>	165.62	
<i>For Seismic Hook And Eye, Add</i>	17.80	
04 05 19 13-0169 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	179.92	
<i>For Hot-Dipped Galvanized, Add</i>	42.44	
<i>For Stainless Steel, Add</i>	169.76	
<i>For Seismic Hook And Eye, Add</i>	18.25	
<b>04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0162)</small>		
04 05 19 13-0171 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	160.87	
<i>For Hot-Dipped Galvanized, Add</i>	48.24	
<i>For Stainless Steel, Add</i>	192.94	
<i>For Seismic Hook And Eye, Add</i>	20.74	
04 05 19 13-0172 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	168.83	
<i>For Hot-Dipped Galvanized, Add</i>	48.99	
<i>For Stainless Steel, Add</i>	195.96	
<i>For Seismic Hook And Eye, Add</i>	21.07	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0173	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	180.63	
	<i>For Hot-Dipped Galvanized, Add</i>	50.06	
	<i>For Stainless Steel, Add</i>	200.24	
	<i>For Seismic Hook And Eye, Add</i>	21.53	
04 05 19 13-0174	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	188.49	
	<i>For Hot-Dipped Galvanized, Add</i>	51.10	
	<i>For Stainless Steel, Add</i>	204.38	
	<i>For Seismic Hook And Eye, Add</i>	21.97	
04 05 19 13-0175	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	195.71	
	<i>For Hot-Dipped Galvanized, Add</i>	52.13	
	<i>For Stainless Steel, Add</i>	208.52	
	<i>For Seismic Hook And Eye, Add</i>	22.42	
04 05 19 13-0176	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	203.78	
	<i>For Hot-Dipped Galvanized, Add</i>	54.37	
	<i>For Stainless Steel, Add</i>	217.48	
	<i>For Seismic Hook And Eye, Add</i>	23.38	
<b>04 05 19 13-0177</b>	<b>3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0162)</small>		
04 05 19 13-0178	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	162.51	
	<i>For Hot-Dipped Galvanized, Add</i>	49.06	
	<i>For Stainless Steel, Add</i>	196.22	
	<i>For Seismic Hook And Eye, Add</i>	21.09	
04 05 19 13-0179	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	172.50	
	<i>For Hot-Dipped Galvanized, Add</i>	50.83	
	<i>For Stainless Steel, Add</i>	203.30	
	<i>For Seismic Hook And Eye, Add</i>	21.85	
04 05 19 13-0180	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	185.67	
	<i>For Hot-Dipped Galvanized, Add</i>	52.58	
	<i>For Stainless Steel, Add</i>	210.32	
	<i>For Seismic Hook And Eye, Add</i>	22.61	
04 05 19 13-0181	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	195.67	
	<i>For Hot-Dipped Galvanized, Add</i>	54.69	
	<i>For Stainless Steel, Add</i>	218.74	
	<i>For Seismic Hook And Eye, Add</i>	23.51	
04 05 19 13-0182	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	205.03	
	<i>For Hot-Dipped Galvanized, Add</i>	56.79	
	<i>For Stainless Steel, Add</i>	227.16	
	<i>For Seismic Hook And Eye, Add</i>	24.42	
04 05 19 13-0183	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	212.80	
	<i>For Hot-Dipped Galvanized, Add</i>	58.88	
	<i>For Stainless Steel, Add</i>	235.52	
	<i>For Seismic Hook And Eye, Add</i>	25.32	
<b>04 05 19 13-0184</b>	<b>Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0002)</small>		
<b>04 05 19 13-0185</b>	<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0184)</small>		
04 05 19 13-0186	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	149.55	
	<i>For Hot-Dipped Galvanized, Add</i>	39.35	
	<i>For Stainless Steel, Add</i>	157.40	
	<i>For Seismic Hook And Eye, Add</i>	16.92	
04 05 19 13-0187	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	161.11	
	<i>For Hot-Dipped Galvanized, Add</i>	40.30	
	<i>For Stainless Steel, Add</i>	161.20	
	<i>For Seismic Hook And Eye, Add</i>	17.33	
04 05 19 13-0188	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	168.80	
	<i>For Hot-Dipped Galvanized, Add</i>	41.25	
	<i>For Stainless Steel, Add</i>	165.00	
	<i>For Seismic Hook And Eye, Add</i>	17.74	
04 05 19 13-0189	CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	176.39	
	<i>For Hot-Dipped Galvanized, Add</i>	42.47	
	<i>For Stainless Steel, Add</i>	169.88	
	<i>For Seismic Hook And Eye, Add</i>	18.26	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0190 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	182.19	
<i>For Hot-Dipped Galvanized, Add</i>	43.58	
<i>For Stainless Steel, Add</i>	174.30	
<i>For Seismic Hook And Eye, Add</i>	18.74	
<b>04 05 19 13-0191 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0184)</small>		
04 05 19 13-0192 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	170.93	
<i>For Hot-Dipped Galvanized, Add</i>	50.04	
<i>For Stainless Steel, Add</i>	200.16	
<i>For Seismic Hook And Eye, Add</i>	21.52	
04 05 19 13-0193 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	182.66	
<i>For Hot-Dipped Galvanized, Add</i>	51.08	
<i>For Stainless Steel, Add</i>	204.30	
<i>For Seismic Hook And Eye, Add</i>	21.96	
04 05 19 13-0194 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	190.66	
<i>For Hot-Dipped Galvanized, Add</i>	52.18	
<i>For Stainless Steel, Add</i>	208.72	
<i>For Seismic Hook And Eye, Add</i>	22.44	
04 05 19 13-0195 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	197.58	
<i>For Hot-Dipped Galvanized, Add</i>	53.07	
<i>For Stainless Steel, Add</i>	212.26	
<i>For Seismic Hook And Eye, Add</i>	22.82	
04 05 19 13-0196 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	203.58	
<i>For Hot-Dipped Galvanized, Add</i>	54.27	
<i>For Stainless Steel, Add</i>	217.08	
<i>For Seismic Hook And Eye, Add</i>	23.34	
<b>04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0184)</small>		
04 05 19 13-0198 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	173.14	
<i>For Hot-Dipped Galvanized, Add</i>	51.15	
<i>For Stainless Steel, Add</i>	204.58	
<i>For Seismic Hook And Eye, Add</i>	21.99	
04 05 19 13-0199 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	186.34	
<i>For Hot-Dipped Galvanized, Add</i>	52.92	
<i>For Stainless Steel, Add</i>	211.66	
<i>For Seismic Hook And Eye, Add</i>	22.75	
04 05 19 13-0200 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	195.67	
<i>For Hot-Dipped Galvanized, Add</i>	54.69	
<i>For Stainless Steel, Add</i>	218.74	
<i>For Seismic Hook And Eye, Add</i>	23.51	
04 05 19 13-0201 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	205.03	
<i>For Hot-Dipped Galvanized, Add</i>	56.79	
<i>For Stainless Steel, Add</i>	227.16	
<i>For Seismic Hook And Eye, Add</i>	24.42	
04 05 19 13-0202 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	212.80	
<i>For Hot-Dipped Galvanized, Add</i>	58.88	
<i>For Stainless Steel, Add</i>	235.52	
<i>For Seismic Hook And Eye, Add</i>	25.32	
<b>04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0001)</small>		
<b>04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0203)</small>		
<b>04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>		
04 05 19 13-0206 CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	75.59	
<i>For Hot-Dipped Galvanized, Add</i>	15.47	
<i>For Stainless Steel, Add</i>	61.88	
04 05 19 13-0207 CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	78.98	
<i>For Hot-Dipped Galvanized, Add</i>	15.64	
<i>For Stainless Steel, Add</i>	62.56	
04 05 19 13-0208 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	84.55	
<i>For Hot-Dipped Galvanized, Add</i>	16.26	
<i>For Stainless Steel, Add</i>	65.02	



**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0209	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.37		
		<i>For Hot-Dipped Galvanized, Add</i>	17.06		
		<i>For Stainless Steel, Add</i>	68.24		
04 05 19 13-0210	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.53		
		<i>For Hot-Dipped Galvanized, Add</i>	17.96		
		<i>For Stainless Steel, Add</i>	71.84		
04 05 19 13-0211	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.58		
		<i>For Hot-Dipped Galvanized, Add</i>	18.45		
		<i>For Stainless Steel, Add</i>	73.78		
04 05 19 13-0212	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	109.86		
		<i>For Hot-Dipped Galvanized, Add</i>	19.15		
		<i>For Stainless Steel, Add</i>	76.60		
04 05 19 13-0213	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.50		
		<i>For Hot-Dipped Galvanized, Add</i>	26.90		
		<i>For Stainless Steel, Add</i>	107.60		
04 05 19 13-0214	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.14		
		<i>For Hot-Dipped Galvanized, Add</i>	28.44		
		<i>For Stainless Steel, Add</i>	113.74		
04 05 19 13-0215	CLF	#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	185.39		
		<i>For Hot-Dipped Galvanized, Add</i>	49.19		
		<i>For Stainless Steel, Add</i>	196.76		
04 05 19 13-0216		<b>Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>			
04 05 19 13-0217	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	87.56		
		<i>For Hot-Dipped Galvanized, Add</i>	21.46		
		<i>For Stainless Steel, Add</i>	85.82		
04 05 19 13-0218	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	91.21		
		<i>For Hot-Dipped Galvanized, Add</i>	21.76		
		<i>For Stainless Steel, Add</i>	87.02		
04 05 19 13-0219	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.78		
		<i>For Hot-Dipped Galvanized, Add</i>	22.37		
		<i>For Stainless Steel, Add</i>	89.48		
04 05 19 13-0220	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.56		
		<i>For Hot-Dipped Galvanized, Add</i>	23.16		
		<i>For Stainless Steel, Add</i>	92.62		
04 05 19 13-0221	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	111.56		
		<i>For Hot-Dipped Galvanized, Add</i>	23.98		
		<i>For Stainless Steel, Add</i>	95.90		
04 05 19 13-0222	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.77		
		<i>For Hot-Dipped Galvanized, Add</i>	24.55		
		<i>For Stainless Steel, Add</i>	98.18		
04 05 19 13-0223	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.85		
		<i>For Hot-Dipped Galvanized, Add</i>	25.15		
		<i>For Stainless Steel, Add</i>	100.58		
04 05 19 13-0224	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.61		
		<i>For Hot-Dipped Galvanized, Add</i>	34.96		
		<i>For Stainless Steel, Add</i>	139.82		
04 05 19 13-0225	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	154.25		
		<i>For Hot-Dipped Galvanized, Add</i>	36.49		
		<i>For Stainless Steel, Add</i>	145.96		
04 05 19 13-0226	CLF	#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	219.15		
		<i>For Hot-Dipped Galvanized, Add</i>	68.94		
		<i>For Stainless Steel, Add</i>	275.76		
04 05 19 13-0227		<b>Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>			
04 05 19 13-0228	CLF	#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	105.87		
		<i>For Hot-Dipped Galvanized, Add</i>	30.61		
		<i>For Stainless Steel, Add</i>	122.44		
04 05 19 13-0229	CLF	#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.08		
		<i>For Hot-Dipped Galvanized, Add</i>	31.00		
		<i>For Stainless Steel, Add</i>	123.98		
04 05 19 13-0230	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.78		
		<i>For Hot-Dipped Galvanized, Add</i>	32.13		
		<i>For Stainless Steel, Add</i>	128.52		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0231 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	124.62	
<i>For Hot-Dipped Galvanized, Add</i> .....	33.69	
<i>For Stainless Steel, Add</i> .....	134.74	
04 05 19 13-0232 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	134.22	
<i>For Hot-Dipped Galvanized, Add</i> .....	35.62	
<i>For Stainless Steel, Add</i> .....	142.48	
04 05 19 13-0233 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	141.71	
<i>For Hot-Dipped Galvanized, Add</i> .....	36.51	
<i>For Stainless Steel, Add</i> .....	146.02	
04 05 19 13-0234 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	147.21	
<i>For Hot-Dipped Galvanized, Add</i> .....	37.83	
<i>For Stainless Steel, Add</i> .....	151.30	
04 05 19 13-0235 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	182.91	
<i>For Hot-Dipped Galvanized, Add</i> .....	53.10	
<i>For Stainless Steel, Add</i> .....	212.40	
04 05 19 13-0236 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	193.50	
<i>For Hot-Dipped Galvanized, Add</i> .....	56.11	
<i>For Stainless Steel, Add</i> .....	224.42	
04 05 19 13-0237 CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	281.02	
<i>For Hot-Dipped Galvanized, Add</i> .....	97.01	
<i>For Stainless Steel, Add</i> .....	388.02	
04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0239 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	94.33	
<i>For Hot-Dipped Galvanized, Add</i> .....	24.84	
<i>For Stainless Steel, Add</i> .....	99.36	
04 05 19 13-0240 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	98.47	
<i>For Hot-Dipped Galvanized, Add</i> .....	25.38	
<i>For Stainless Steel, Add</i> .....	101.52	
04 05 19 13-0241 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	104.04	
<i>For Hot-Dipped Galvanized, Add</i> .....	26.00	
<i>For Stainless Steel, Add</i> .....	104.00	
04 05 19 13-0242 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	110.65	
<i>For Hot-Dipped Galvanized, Add</i> .....	26.70	
<i>For Stainless Steel, Add</i> .....	106.80	
04 05 19 13-0243 CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	118.39	
<i>For Hot-Dipped Galvanized, Add</i> .....	27.39	
<i>For Stainless Steel, Add</i> .....	109.54	
04 05 19 13-0244 CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	124.14	
<i>For Hot-Dipped Galvanized, Add</i> .....	27.72	
<i>For Stainless Steel, Add</i> .....	110.88	
04 05 19 13-0245 CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	128.32	
<i>For Hot-Dipped Galvanized, Add</i> .....	28.10	
<i>For Stainless Steel, Add</i> .....	112.40	
04 05 19 13-0246 CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	143.54	
<i>For Hot-Dipped Galvanized, Add</i> .....	33.42	
<i>For Stainless Steel, Add</i> .....	133.66	
04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0248 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	106.42	
<i>For Hot-Dipped Galvanized, Add</i> .....	30.89	
<i>For Stainless Steel, Add</i> .....	123.54	
04 05 19 13-0249 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	110.72	
<i>For Hot-Dipped Galvanized, Add</i> .....	31.51	
<i>For Stainless Steel, Add</i> .....	126.02	
04 05 19 13-0250 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	116.42	
<i>For Hot-Dipped Galvanized, Add</i> .....	32.19	
<i>For Stainless Steel, Add</i> .....	128.76	
04 05 19 13-0251 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	122.91	
<i>For Hot-Dipped Galvanized, Add</i> .....	32.83	
<i>For Stainless Steel, Add</i> .....	131.32	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0252	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.61		
		<i>For Hot-Dipped Galvanized, Add</i>	33.50		
		<i>For Stainless Steel, Add</i>	133.98		
04 05 19 13-0253	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.40		
		<i>For Hot-Dipped Galvanized, Add</i>	33.86		
		<i>For Stainless Steel, Add</i>	135.44		
04 05 19 13-0254	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.52		
		<i>For Hot-Dipped Galvanized, Add</i>	34.20		
		<i>For Stainless Steel, Add</i>	136.78		
04 05 19 13-0255	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.64		
		<i>For Hot-Dipped Galvanized, Add</i>	41.47		
		<i>For Stainless Steel, Add</i>	165.88		
04 05 19 13-0256	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	197.02		
		<i>For Hot-Dipped Galvanized, Add</i>	57.88		
		<i>For Stainless Steel, Add</i>	231.50		
<b>04 05 19 13-0257</b>		<b>Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>			
04 05 19 13-0258	CLF	#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	118.13		
		<i>For Hot-Dipped Galvanized, Add</i>	36.74		
		<i>For Stainless Steel, Add</i>	146.96		
04 05 19 13-0259	CLF	#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	124.09		
		<i>For Hot-Dipped Galvanized, Add</i>	38.00		
		<i>For Stainless Steel, Add</i>	152.00		
04 05 19 13-0260	CLF	#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	130.03		
		<i>For Hot-Dipped Galvanized, Add</i>	39.26		
		<i>For Stainless Steel, Add</i>	157.02		
04 05 19 13-0261	CLF	#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.75		
		<i>For Hot-Dipped Galvanized, Add</i>	40.75		
		<i>For Stainless Steel, Add</i>	163.00		
04 05 19 13-0262	CLF	#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.48		
		<i>For Hot-Dipped Galvanized, Add</i>	42.25		
		<i>For Stainless Steel, Add</i>	169.00		
04 05 19 13-0263	CLF	#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	154.79		
		<i>For Hot-Dipped Galvanized, Add</i>	43.05		
		<i>For Stainless Steel, Add</i>	172.18		
04 05 19 13-0264	CLF	#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	159.02		
		<i>For Hot-Dipped Galvanized, Add</i>	43.73		
		<i>For Stainless Steel, Add</i>	174.92		
04 05 19 13-0265	CLF	#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	166.90		
		<i>For Hot-Dipped Galvanized, Add</i>	45.10		
		<i>For Stainless Steel, Add</i>	180.38		
04 05 19 13-0266	CLF	#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	212.73		
		<i>For Hot-Dipped Galvanized, Add</i>	65.72		
		<i>For Stainless Steel, Add</i>	262.88		
<b>04 05 19 13-0267</b>		<b>Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>			
04 05 19 13-0268	CLF	#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.18		
		<i>For Hot-Dipped Galvanized, Add</i>	38.77		
		<i>For Stainless Steel, Add</i>	155.06		
04 05 19 13-0269	CLF	#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	126.32		
		<i>For Hot-Dipped Galvanized, Add</i>	39.31		
		<i>For Stainless Steel, Add</i>	157.22		
04 05 19 13-0270	CLF	#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.89		
		<i>For Hot-Dipped Galvanized, Add</i>	39.93		
		<i>For Stainless Steel, Add</i>	159.70		
04 05 19 13-0271	CLF	#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	138.50		
		<i>For Hot-Dipped Galvanized, Add</i>	40.63		
		<i>For Stainless Steel, Add</i>	162.50		
04 05 19 13-0272	CLF	#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	146.24		
		<i>For Hot-Dipped Galvanized, Add</i>	41.31		
		<i>For Stainless Steel, Add</i>	165.24		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0273 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	151.99	
<i>For Hot-Dipped Galvanized, Add</i> .....	41.65	
<i>For Stainless Steel, Add</i> .....	166.58	
04 05 19 13-0274 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	156.17	
<i>For Hot-Dipped Galvanized, Add</i> .....	42.03	
<i>For Stainless Steel, Add</i> .....	168.10	
04 05 19 13-0275 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	171.39	
<i>For Hot-Dipped Galvanized, Add</i> .....	47.34	
<i>For Stainless Steel, Add</i> .....	189.36	
04 05 19 13-0276 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	197.25	
<i>For Hot-Dipped Galvanized, Add</i> .....	57.99	
<i>For Stainless Steel, Add</i> .....	231.94	
<b>04 05 19 13-0277 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>		
04 05 19 13-0278 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	134.27	
<i>For Hot-Dipped Galvanized, Add</i> .....	44.81	
<i>For Stainless Steel, Add</i> .....	179.24	
04 05 19 13-0279 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	138.57	
<i>For Hot-Dipped Galvanized, Add</i> .....	45.43	
<i>For Stainless Steel, Add</i> .....	181.72	
04 05 19 13-0280 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	144.27	
<i>For Hot-Dipped Galvanized, Add</i> .....	46.12	
<i>For Stainless Steel, Add</i> .....	184.46	
04 05 19 13-0281 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	150.75	
<i>For Hot-Dipped Galvanized, Add</i> .....	46.75	
<i>For Stainless Steel, Add</i> .....	187.00	
04 05 19 13-0282 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	158.46	
<i>For Hot-Dipped Galvanized, Add</i> .....	47.42	
<i>For Stainless Steel, Add</i> .....	189.68	
04 05 19 13-0283 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	164.25	
<i>For Hot-Dipped Galvanized, Add</i> .....	47.79	
<i>For Stainless Steel, Add</i> .....	191.14	
04 05 19 13-0284 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	168.37	
<i>For Hot-Dipped Galvanized, Add</i> .....	48.12	
<i>For Stainless Steel, Add</i> .....	192.48	
04 05 19 13-0285 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	187.48	
<i>For Hot-Dipped Galvanized, Add</i> .....	55.39	
<i>For Stainless Steel, Add</i> .....	221.56	
04 05 19 13-0286 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	224.86	
<i>For Hot-Dipped Galvanized, Add</i> .....	71.80	
<i>For Stainless Steel, Add</i> .....	287.18	
<b>04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0204)</small>		
04 05 19 13-0288 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	145.98	
<i>For Hot-Dipped Galvanized, Add</i> .....	50.67	
<i>For Stainless Steel, Add</i> .....	202.66	
04 05 19 13-0289 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	151.93	
<i>For Hot-Dipped Galvanized, Add</i> .....	51.92	
<i>For Stainless Steel, Add</i> .....	207.68	
04 05 19 13-0290 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	157.88	
<i>For Hot-Dipped Galvanized, Add</i> .....	53.18	
<i>For Stainless Steel, Add</i> .....	212.72	
04 05 19 13-0291 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	166.60	
<i>For Hot-Dipped Galvanized, Add</i> .....	54.68	
<i>For Stainless Steel, Add</i> .....	218.70	
04 05 19 13-0292 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	175.32	
<i>For Hot-Dipped Galvanized, Add</i> .....	56.17	
<i>For Stainless Steel, Add</i> .....	224.68	
04 05 19 13-0293 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	182.63	
<i>For Hot-Dipped Galvanized, Add</i> .....	56.97	
<i>For Stainless Steel, Add</i> .....	227.86	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0294	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	186.86	
	<i>For Hot-Dipped Galvanized, Add</i> .....	57.65	
	<i>For Stainless Steel, Add</i> .....	230.60	
04 05 19 13-0295	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	194.75	
	<i>For Hot-Dipped Galvanized, Add</i> .....	59.02	
	<i>For Stainless Steel, Add</i> .....	236.08	
04 05 19 13-0296	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement .....	240.57	
	<i>For Hot-Dipped Galvanized, Add</i> .....	79.64	
	<i>For Stainless Steel, Add</i> .....	318.56	
04 05 19 13-0297	<b>Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0203)</small>		
04 05 19 13-0298	<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0297)</small>		
04 05 19 13-0299	CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	106.46	
	<i>For Hot-Dipped Galvanized, Add</i> .....	24.25	
	<i>For Stainless Steel, Add</i> .....	96.98	
04 05 19 13-0300	CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	115.23	
	<i>For Hot-Dipped Galvanized, Add</i> .....	25.42	
	<i>For Stainless Steel, Add</i> .....	101.66	
04 05 19 13-0301	CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	124.65	
	<i>For Hot-Dipped Galvanized, Add</i> .....	26.90	
	<i>For Stainless Steel, Add</i> .....	107.60	
04 05 19 13-0302	CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	133.12	
	<i>For Hot-Dipped Galvanized, Add</i> .....	27.92	
	<i>For Stainless Steel, Add</i> .....	111.68	
04 05 19 13-0303	CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	138.05	
	<i>For Hot-Dipped Galvanized, Add</i> .....	28.77	
	<i>For Stainless Steel, Add</i> .....	115.08	
04 05 19 13-0304	CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	147.95	
	<i>For Hot-Dipped Galvanized, Add</i> .....	30.83	
	<i>For Stainless Steel, Add</i> .....	123.30	
04 05 19 13-0305	CLF #18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	157.21	
	<i>For Hot-Dipped Galvanized, Add</i> .....	32.88	
	<i>For Stainless Steel, Add</i> .....	131.52	
04 05 19 13-0306	<b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0297)</small>		
04 05 19 13-0307	CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	121.56	
	<i>For Hot-Dipped Galvanized, Add</i> .....	31.80	
	<i>For Stainless Steel, Add</i> .....	127.18	
04 05 19 13-0308	CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	130.36	
	<i>For Hot-Dipped Galvanized, Add</i> .....	32.98	
	<i>For Stainless Steel, Add</i> .....	131.92	
04 05 19 13-0309	CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	139.72	
	<i>For Hot-Dipped Galvanized, Add</i> .....	34.44	
	<i>For Stainless Steel, Add</i> .....	137.74	
04 05 19 13-0310	CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	148.22	
	<i>For Hot-Dipped Galvanized, Add</i> .....	35.47	
	<i>For Stainless Steel, Add</i> .....	141.88	
04 05 19 13-0311	CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	153.06	
	<i>For Hot-Dipped Galvanized, Add</i> .....	36.28	
	<i>For Stainless Steel, Add</i> .....	145.10	
04 05 19 13-0312	CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	162.99	
	<i>For Hot-Dipped Galvanized, Add</i> .....	38.35	
	<i>For Stainless Steel, Add</i> .....	153.38	
04 05 19 13-0313	CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	172.32	
	<i>For Hot-Dipped Galvanized, Add</i> .....	40.44	
	<i>For Stainless Steel, Add</i> .....	161.74	
04 05 19 13-0314	<b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0297)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0315 CLF #8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	135.56	
<i>For Hot-Dipped Galvanized, Add</i>	38.80	
<i>For Stainless Steel, Add</i>	155.18	
04 05 19 13-0316 CLF #10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	145.67	
<i>For Hot-Dipped Galvanized, Add</i>	40.64	
<i>For Stainless Steel, Add</i>	162.54	
04 05 19 13-0317 CLF #12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	157.16	
<i>For Hot-Dipped Galvanized, Add</i>	43.16	
<i>For Stainless Steel, Add</i>	172.62	
04 05 19 13-0318 CLF #13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	166.33	
<i>For Hot-Dipped Galvanized, Add</i>	44.53	
<i>For Stainless Steel, Add</i>	178.10	
04 05 19 13-0319 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	172.30	
<i>For Hot-Dipped Galvanized, Add</i>	45.90	
<i>For Stainless Steel, Add</i>	183.58	
04 05 19 13-0320 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	184.28	
<i>For Hot-Dipped Galvanized, Add</i>	48.99	
<i>For Stainless Steel, Add</i>	195.96	
04 05 19 13-0321 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement .....	194.54	
<i>For Hot-Dipped Galvanized, Add</i>	51.55	
<i>For Stainless Steel, Add</i>	206.18	
 04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
 04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0324 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	153.54	
<i>For Hot-Dipped Galvanized, Add</i>	47.79	
<i>For Stainless Steel, Add</i>	191.14	
04 05 19 13-0325 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	160.64	
<i>For Hot-Dipped Galvanized, Add</i>	48.12	
<i>For Stainless Steel, Add</i>	192.48	
04 05 19 13-0326 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	169.43	
<i>For Hot-Dipped Galvanized, Add</i>	49.29	
<i>For Stainless Steel, Add</i>	197.16	
04 05 19 13-0327 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	182.20	
<i>For Hot-Dipped Galvanized, Add</i>	50.85	
<i>For Stainless Steel, Add</i>	203.38	
04 05 19 13-0328 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	191.66	
<i>For Hot-Dipped Galvanized, Add</i>	52.68	
<i>For Stainless Steel, Add</i>	210.72	
04 05 19 13-0329 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	201.29	
<i>For Hot-Dipped Galvanized, Add</i>	54.92	
<i>For Stainless Steel, Add</i>	219.68	
 04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0331 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	176.90	
<i>For Hot-Dipped Galvanized, Add</i>	59.47	
<i>For Stainless Steel, Add</i>	237.86	
04 05 19 13-0332 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	184.33	
<i>For Hot-Dipped Galvanized, Add</i>	59.97	
<i>For Stainless Steel, Add</i>	239.86	
04 05 19 13-0333 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	193.12	
<i>For Hot-Dipped Galvanized, Add</i>	61.14	
<i>For Stainless Steel, Add</i>	244.54	
04 05 19 13-0334 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	205.82	
<i>For Hot-Dipped Galvanized, Add</i>	62.66	
<i>For Stainless Steel, Add</i>	250.62	
04 05 19 13-0335 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement .....	214.99	
<i>For Hot-Dipped Galvanized, Add</i>	64.35	
<i>For Stainless Steel, Add</i>	257.38	



**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0336	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	223.54	
			<i>For Hot-Dipped Galvanized, Add</i>	66.05	
			<i>For Stainless Steel, Add</i>	264.18	
<b>04 05 19 13-0337</b>			<b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement<sup>(04 05 19 13-0322)</sup></b>		
04 05 19 13-0338	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	189.70	
			<i>For Hot-Dipped Galvanized, Add</i>	65.87	
			<i>For Stainless Steel, Add</i>	263.46	
04 05 19 13-0339	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	197.13	
			<i>For Hot-Dipped Galvanized, Add</i>	66.37	
			<i>For Stainless Steel, Add</i>	265.46	
04 05 19 13-0340	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	207.26	
			<i>For Hot-Dipped Galvanized, Add</i>	68.21	
			<i>For Stainless Steel, Add</i>	272.82	
04 05 19 13-0341	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	221.73	
			<i>For Hot-Dipped Galvanized, Add</i>	70.61	
			<i>For Stainless Steel, Add</i>	282.44	
04 05 19 13-0342	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	233.60	
			<i>For Hot-Dipped Galvanized, Add</i>	73.65	
			<i>For Stainless Steel, Add</i>	294.60	
04 05 19 13-0343	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement.....	245.50	
			<i>For Hot-Dipped Galvanized, Add</i>	77.03	
			<i>For Stainless Steel, Add</i>	308.10	
<b>04 05 19 13-0344</b>			<b>Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement<sup>(04 05 19 13-0203)</sup></b>		
<b>04 05 19 13-0345</b>			<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement<sup>(04 05 19 13-0344)</sup></b>		
04 05 19 13-0346	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	164.41	
			<i>For Hot-Dipped Galvanized, Add</i>	50.01	
			<i>For Stainless Steel, Add</i>	200.02	
04 05 19 13-0347	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	171.57	
			<i>For Hot-Dipped Galvanized, Add</i>	50.36	
			<i>For Stainless Steel, Add</i>	201.44	
04 05 19 13-0348	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	183.50	
			<i>For Hot-Dipped Galvanized, Add</i>	51.50	
			<i>For Stainless Steel, Add</i>	205.98	
04 05 19 13-0349	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	192.36	
			<i>For Hot-Dipped Galvanized, Add</i>	53.03	
			<i>For Stainless Steel, Add</i>	212.12	
04 05 19 13-0350	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	201.26	
			<i>For Hot-Dipped Galvanized, Add</i>	54.91	
			<i>For Stainless Steel, Add</i>	219.62	
04 05 19 13-0351	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	208.66	
			<i>For Hot-Dipped Galvanized, Add</i>	56.81	
			<i>For Stainless Steel, Add</i>	227.24	
<b>04 05 19 13-0352</b>			<b>3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement<sup>(04 05 19 13-0344)</sup></b>		
04 05 19 13-0353	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	187.71	
			<i>For Hot-Dipped Galvanized, Add</i>	61.66	
			<i>For Stainless Steel, Add</i>	246.62	
04 05 19 13-0354	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	195.16	
			<i>For Hot-Dipped Galvanized, Add</i>	62.16	
			<i>For Stainless Steel, Add</i>	248.62	
04 05 19 13-0355	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	207.16	
			<i>For Hot-Dipped Galvanized, Add</i>	63.33	
			<i>For Stainless Steel, Add</i>	253.30	
04 05 19 13-0356	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	216.02	
			<i>For Hot-Dipped Galvanized, Add</i>	64.86	
			<i>For Stainless Steel, Add</i>	259.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0357 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	224.55	
<i>For Hot-Dipped Galvanized, Add</i>	66.55	
<i>For Stainless Steel, Add</i>	266.20	
04 05 19 13-0358 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	232.15	
<i>For Hot-Dipped Galvanized, Add</i>	68.56	
<i>For Stainless Steel, Add</i>	274.22	
<b>04 05 19 13-0359 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0344)</small>		
04 05 19 13-0360 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	200.54	
<i>For Hot-Dipped Galvanized, Add</i>	68.07	
<i>For Stainless Steel, Add</i>	272.28	
04 05 19 13-0361 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	207.96	
<i>For Hot-Dipped Galvanized, Add</i>	68.56	
<i>For Stainless Steel, Add</i>	274.22	
04 05 19 13-0362 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	221.36	
<i>For Hot-Dipped Galvanized, Add</i>	70.43	
<i>For Stainless Steel, Add</i>	281.70	
04 05 19 13-0363 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	231.93	
<i>For Hot-Dipped Galvanized, Add</i>	72.82	
<i>For Stainless Steel, Add</i>	291.26	
04 05 19 13-0364 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	243.13	
<i>For Hot-Dipped Galvanized, Add</i>	75.84	
<i>For Stainless Steel, Add</i>	303.36	
04 05 19 13-0365 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	251.33	
<i>For Hot-Dipped Galvanized, Add</i>	78.15	
<i>For Stainless Steel, Add</i>	312.58	
<b>04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0203)</small>		
<b>04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0366)</small>		
04 05 19 13-0368 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	155.43	
<i>For Hot-Dipped Galvanized, Add</i>	45.52	
<i>For Stainless Steel, Add</i>	182.06	
<i>For Seismic Hook And Eye, Add</i>	19.57	
04 05 19 13-0369 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	162.51	
<i>For Hot-Dipped Galvanized, Add</i>	45.83	
<i>For Stainless Steel, Add</i>	183.32	
<i>For Seismic Hook And Eye, Add</i>	19.71	
04 05 19 13-0370 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	174.14	
<i>For Hot-Dipped Galvanized, Add</i>	46.82	
<i>For Stainless Steel, Add</i>	187.26	
<i>For Seismic Hook And Eye, Add</i>	20.13	
04 05 19 13-0371 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.77	
<i>For Hot-Dipped Galvanized, Add</i>	48.24	
<i>For Stainless Steel, Add</i>	192.94	
<i>For Seismic Hook And Eye, Add</i>	20.74	
04 05 19 13-0372 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	190.86	
<i>For Hot-Dipped Galvanized, Add</i>	49.71	
<i>For Stainless Steel, Add</i>	198.82	
<i>For Seismic Hook And Eye, Add</i>	21.37	
04 05 19 13-0373 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	198.06	
<i>For Hot-Dipped Galvanized, Add</i>	51.51	
<i>For Stainless Steel, Add</i>	206.04	
<i>For Seismic Hook And Eye, Add</i>	22.15	
<b>04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0366)</small>		
04 05 19 13-0375 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.88	
<i>For Hot-Dipped Galvanized, Add</i>	56.24	
<i>For Stainless Steel, Add</i>	224.96	
<i>For Seismic Hook And Eye, Add</i>	24.18	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0376	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	184.20	
	<i>For Hot-Dipped Galvanized, Add</i>	56.68	
	<i>For Stainless Steel, Add</i>	226.70	
	<i>For Seismic Hook And Eye, Add</i>	24.37	
04 05 19 13-0377	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	195.66	
	<i>For Hot-Dipped Galvanized, Add</i>	57.58	
	<i>For Stainless Steel, Add</i>	230.30	
	<i>For Seismic Hook And Eye, Add</i>	24.76	
04 05 19 13-0378	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	204.16	
	<i>For Hot-Dipped Galvanized, Add</i>	58.93	
	<i>For Stainless Steel, Add</i>	235.72	
	<i>For Seismic Hook And Eye, Add</i>	25.34	
04 05 19 13-0379	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	212.22	
	<i>For Hot-Dipped Galvanized, Add</i>	60.39	
	<i>For Stainless Steel, Add</i>	241.54	
	<i>For Seismic Hook And Eye, Add</i>	25.97	
04 05 19 13-0380	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	219.01	
	<i>For Hot-Dipped Galvanized, Add</i>	61.99	
	<i>For Stainless Steel, Add</i>	247.94	
	<i>For Seismic Hook And Eye, Add</i>	26.65	
<b>04 05 19 13-0381</b>	<b>3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0366)</b>		
04 05 19 13-0382	CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	189.84	
	<i>For Hot-Dipped Galvanized, Add</i>	62.72	
	<i>For Stainless Steel, Add</i>	250.88	
	<i>For Seismic Hook And Eye, Add</i>	26.97	
04 05 19 13-0383	CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	197.26	
	<i>For Hot-Dipped Galvanized, Add</i>	63.21	
	<i>For Stainless Steel, Add</i>	252.82	
	<i>For Seismic Hook And Eye, Add</i>	27.18	
04 05 19 13-0384	CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement .....	210.43	
	<i>For Hot-Dipped Galvanized, Add</i>	64.96	
	<i>For Stainless Steel, Add</i>	259.84	
	<i>For Seismic Hook And Eye, Add</i>	27.93	
04 05 19 13-0385	CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	220.80	
	<i>For Hot-Dipped Galvanized, Add</i>	67.25	
	<i>For Stainless Steel, Add</i>	269.00	
	<i>For Seismic Hook And Eye, Add</i>	28.92	
04 05 19 13-0386	CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	231.73	
	<i>For Hot-Dipped Galvanized, Add</i>	70.14	
	<i>For Stainless Steel, Add</i>	280.56	
	<i>For Seismic Hook And Eye, Add</i>	30.16	
04 05 19 13-0387	CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	241.74	
	<i>For Hot-Dipped Galvanized, Add</i>	73.35	
	<i>For Stainless Steel, Add</i>	293.40	
	<i>For Seismic Hook And Eye, Add</i>	31.54	
<b>04 05 19 13-0388</b>	<b>Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement (04 05 19 13-0203)</b>		
<b>04 05 19 13-0389</b>	<b>9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall (04 05 19 13-0388)</b>		
04 05 19 13-0390	CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	166.15	
	<i>For Hot-Dipped Galvanized, Add</i>	47.65	
	<i>For Stainless Steel, Add</i>	190.60	
	<i>For Seismic Hook And Eye, Add</i>	20.49	
04 05 19 13-0391	CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	176.48	
	<i>For Hot-Dipped Galvanized, Add</i>	47.99	
	<i>For Stainless Steel, Add</i>	191.94	
	<i>For Seismic Hook And Eye, Add</i>	20.63	
04 05 19 13-0392	CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	184.38	
	<i>For Hot-Dipped Galvanized, Add</i>	49.04	
	<i>For Stainless Steel, Add</i>	196.16	
	<i>For Seismic Hook And Eye, Add</i>	21.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0393 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	192.53	
<i>For Hot-Dipped Galvanized, Add</i>	50.54	
<i>For Stainless Steel, Add</i>	202.16	
<i>For Seismic Hook And Eye, Add</i>	21.73	
04 05 19 13-0394 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement .....	199.60	
<i>For Hot-Dipped Galvanized, Add</i>	52.28	
<i>For Stainless Steel, Add</i>	209.12	
<i>For Seismic Hook And Eye, Add</i>	22.48	
<b>04 05 19 13-0395 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0388)</small>		
04 05 19 13-0396 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	189.28	
<i>For Hot-Dipped Galvanized, Add</i>	59.22	
<i>For Stainless Steel, Add</i>	236.86	
<i>For Seismic Hook And Eye, Add</i>	25.46	
04 05 19 13-0397 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	199.67	
<i>For Hot-Dipped Galvanized, Add</i>	59.58	
<i>For Stainless Steel, Add</i>	238.32	
<i>For Seismic Hook And Eye, Add</i>	25.62	
04 05 19 13-0398 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	207.50	
<i>For Hot-Dipped Galvanized, Add</i>	60.60	
<i>For Stainless Steel, Add</i>	242.40	
<i>For Seismic Hook And Eye, Add</i>	26.06	
04 05 19 13-0399 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	215.39	
<i>For Hot-Dipped Galvanized, Add</i>	61.97	
<i>For Stainless Steel, Add</i>	247.88	
<i>For Seismic Hook And Eye, Add</i>	26.65	
04 05 19 13-0400 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	221.79	
<i>For Hot-Dipped Galvanized, Add</i>	63.38	
<i>For Stainless Steel, Add</i>	253.50	
<i>For Seismic Hook And Eye, Add</i>	27.25	
<b>04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement</b> <small>(04 05 19 13-0388)</small>		
04 05 19 13-0402 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	200.51	
<i>For Hot-Dipped Galvanized, Add</i>	64.83	
<i>For Stainless Steel, Add</i>	259.32	
<i>For Seismic Hook And Eye, Add</i>	27.88	
04 05 19 13-0403 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	211.10	
<i>For Hot-Dipped Galvanized, Add</i>	65.30	
<i>For Stainless Steel, Add</i>	261.18	
<i>For Seismic Hook And Eye, Add</i>	28.08	
04 05 19 13-0404 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	220.43	
<i>For Hot-Dipped Galvanized, Add</i>	67.07	
<i>For Stainless Steel, Add</i>	268.26	
<i>For Seismic Hook And Eye, Add</i>	28.84	
04 05 19 13-0405 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	230.13	
<i>For Hot-Dipped Galvanized, Add</i>	69.34	
<i>For Stainless Steel, Add</i>	277.36	
<i>For Seismic Hook And Eye, Add</i>	29.82	
04 05 19 13-0406 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	239.50	
<i>For Hot-Dipped Galvanized, Add</i>	72.23	
<i>For Stainless Steel, Add</i>	288.92	
<i>For Seismic Hook And Eye, Add</i>	31.06	
<b>04 05 19 16 Masonry Anchors</b> <small>(04 05 19)</small>		
04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>		
04 05 19 16-0003 EA 2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.58	
04 05 19 16-0004 EA 2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.69	
04 05 19 16-0005 EA 2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.80	
04 05 19 16-0006 EA 2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.93	
04 05 19 16-0007 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	2.06	
04 05 19 16-0008 EA 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.80	
04 05 19 16-0009 EA 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.93	
04 05 19 16-0010 EA 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	2.06	
04 05 19 16-0011 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	2.19	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 16-0012	Mill Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>	
04 05 19 16-0013	EA 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.39
04 05 19 16-0014	EA 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.43
04 05 19 16-0015	EA 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.48
04 05 19 16-0016	EA 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.55
04 05 19 16-0017	EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.62
04 05 19 16-0018	EA 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.48
04 05 19 16-0019	EA 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.55
04 05 19 16-0020	EA 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.62
04 05 19 16-0021	EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie .....	1.70
04 05 19 16-0022	Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16)</small>	
04 05 19 16-0023	Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>	
04 05 19 16-0024	EA 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.39
04 05 19 16-0025	EA 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.46
04 05 19 16-0026	EA 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.65
04 05 19 16-0027	EA 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.74
04 05 19 16-0028	EA 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.76
04 05 19 16-0029	EA 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.88
04 05 19 16-0030	EA 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	2.03
04 05 19 16-0031	EA 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie .....	2.12
04 05 19 16-0032	Mill Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>	
04 05 19 16-0033	EA 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.25
04 05 19 16-0034	EA 8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.27
04 05 19 16-0035	EA 10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.42
04 05 19 16-0036	EA 12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.46
04 05 19 16-0037	EA 6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.47
04 05 19 16-0038	EA 8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.55
04 05 19 16-0039	EA 10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.62
04 05 19 16-0040	EA 12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie .....	1.72
04 05 19 16-0041	Wire Beam Ties <small>(04 05 19 16)</small>	
04 05 19 16-0042	Hot-Dipped Galvanized, Wire Beam Ties <small>(04 05 19 16-0041)</small>	
04 05 19 16-0043	EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	1.92
04 05 19 16-0044	EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	1.97
04 05 19 16-0045	EA 6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	2.01
04 05 19 16-0046	EA 8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	2.06
04 05 19 16-0047	EA 10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie .....	2.15
04 05 19 16-0048	Mill Galvanized, Wire Beam Ties <small>(04 05 19 16-0041)</small>	
04 05 19 16-0049	EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....	2.31
04 05 19 16-0050	EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....	2.42
04 05 19 16-0051	EA 6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....	2.54
04 05 19 16-0052	EA 8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....	2.59
04 05 19 16-0053	EA 10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie .....	2.68
04 05 19 16-0054	Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16)</small>	
04 05 19 16-0055	Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>	
04 05 19 16-0056	EA 6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	2.15
04 05 19 16-0057	EA 7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	2.25
04 05 19 16-0058	EA 8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	2.28
04 05 19 16-0059	EA 9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	2.37
04 05 19 16-0060	EA 10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	2.40
04 05 19 16-0061	Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>	
04 05 19 16-0062	EA 6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	1.80
04 05 19 16-0063	EA 7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	1.86
04 05 19 16-0064	EA 8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	1.89
04 05 19 16-0065	EA 9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	1.94
04 05 19 16-0066	EA 10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie .....	1.96
04 05 19 16-0067	Corrugated Buck (Brick) Anchors <small>(04 05 19 16)</small>	
04 05 19 16-0068	Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>	
04 05 19 16-0069	EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor .....	2.64
04 05 19 16-0070	EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor .....	2.75
04 05 19 16-0071	EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor .....	2.85





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0072 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.96	
04 05 19 16-0073 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	3.07	
04 05 19 16-0074 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.73	
04 05 19 16-0075 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.85	
04 05 19 16-0076 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.96	
04 05 19 16-0077 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	3.08	
04 05 19 16-0078 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	3.20	
<b>04 05 19 16-0079 Mill Galvanized, Corrugated Buck (Brick) Anchors</b> <small>(04 05 19 16-0067)</small>		
04 05 19 16-0080 EA 3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.26	
04 05 19 16-0081 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.34	
04 05 19 16-0082 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.41	
04 05 19 16-0083 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.49	
04 05 19 16-0084 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.57	
04 05 19 16-0085 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.33	
04 05 19 16-0086 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.41	
04 05 19 16-0087 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.50	
04 05 19 16-0088 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.58	
04 05 19 16-0089 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.67	
<b>04 05 19 16-0090 Corrugated Wall Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0091 Hot-Dipped Galvanized, Corrugated Wall Ties</b> <small>(04 05 19 16-0090)</small>		
04 05 19 16-0092 EA 7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.24	
04 05 19 16-0093 EA 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.33	
04 05 19 16-0094 EA 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.37	
04 05 19 16-0095 EA 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.40	
04 05 19 16-0096 EA 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.70	
<b>04 05 19 16-0097 Mill Galvanized, Corrugated Wall Ties</b> <small>(04 05 19 16-0090)</small>		
04 05 19 16-0098 EA 7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.28	
04 05 19 16-0099 EA 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.30	
04 05 19 16-0100 EA 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.33	
04 05 19 16-0101 EA 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.56	
<b>04 05 19 16-0102 Stainless Steel, Corrugated Wall Ties</b> <small>(04 05 19 16-0090)</small>		
04 05 19 16-0103 EA 7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.55	
04 05 19 16-0104 EA 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.61	
04 05 19 16-0105 EA 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.68	
04 05 19 16-0106 EA 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.74	
04 05 19 16-0107 EA 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie.....	2.07	
<b>04 05 19 16-0108 Wire Mesh Wall Ties</b> <small>(04 05 19 16)</small>		
<small>Note: 1/2" square mesh.</small>		
04 05 19 16-0109 EA 3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.59	
04 05 19 16-0110 EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.18	
04 05 19 16-0111 EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.80	
04 05 19 16-0112 EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.92	
04 05 19 16-0113 EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.57	
04 05 19 16-0114 EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	5.71	
<b>04 05 19 16-0115 Triangle Brick Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0116 Hot-Dipped Galvanized, Triangle Brick Ties</b> <small>(04 05 19 16-0115)</small>		
04 05 19 16-0117 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.28	
04 05 19 16-0118 EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.33	
04 05 19 16-0119 EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.38	
04 05 19 16-0120 EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.47	
04 05 19 16-0121 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.52	
04 05 19 16-0122 EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.67	
04 05 19 16-0123 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.77	
04 05 19 16-0124 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	3.00	
04 05 19 16-0125 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.77	
04 05 19 16-0126 EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.80	
04 05 19 16-0127 EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.84	
04 05 19 16-0128 EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.92	
04 05 19 16-0129 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.96	
04 05 19 16-0130 EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	3.10	
04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	3.18	
04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	3.42	
<b>04 05 19 16-0133 Mill Galvanized, Triangle Brick Ties</b> <small>(04 05 19 16-0115)</small>		
04 05 19 16-0134 EA 3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.05	



**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.06	
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.08	
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.15	
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.16	
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.26	
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.29	
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.37	
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.33	
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.36	
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.39	
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.47	
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.49	
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.60	
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.65	
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.79	
<b>04 05 19 16-0150</b>		<b>Seismic Veneer Anchors (04 05 19 16)</b>		
04 05 19 16-0151	EA	3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor..... Note: For horizontal wire attachment. Excludes wire.	6.30	
<b>04 05 19 16-0152</b>		<b>Slip-Set, Joint Stabilization Anchors (04 05 19 16)</b>		
		Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA	9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor.....	8.15	
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor.....	8.85	
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....	6.30	
<b>04 05 19 16-0156</b>		<b>Strap Partition Top Anchors (04 05 19 16)</b>		
04 05 19 16-0157	EA	12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor.....	4.62	
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor.....	6.62	
<b>04 05 19 16-0159</b>		<b>Rigid Partition Anchors (04 05 19 16)</b>		
<b>04 05 19 16-0160</b>		<b>Hot-Dipped Galvanized, Rigid Partition Anchors (04 05 19 16-0159)</b>		
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.35	
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.65	
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.02	
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.36	
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.69	
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	5.03	
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.70	
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	5.77	
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	6.85	
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	7.93	
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	9.00	
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	10.08	
<b>04 05 19 16-0173</b>		<b>Mill Galvanized, Rigid Partition Anchors (04 05 19 16-0159)</b>		
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.05	
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.31	
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.58	
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.84	
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.10	
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.36	
<b>04 05 19 16-0180</b>		<b>Screw-On Masonry Veneer Anchor Plates (04 05 19 16)</b>		
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.15	
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.27	
<b>04 05 19 16-0183</b>		<b>Wire Column Ties (04 05 19 16)</b>		
<b>04 05 19 16-0184</b>		<b>Hot-Dipped Galvanized, Wire Column Ties (04 05 19 16-0183)</b>		
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.62	
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.80	
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.93	
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.11	
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.77	
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.93	
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.04	
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.16	
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.56	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.87	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	4.08	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	4.37	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	3.87	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0198 EA 12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	4.08	
04 05 19 16-0199 EA 14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	4.26	
04 05 19 16-0200 EA 16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie .....	4.46	
<b>04 05 19 16-0201 Mill Galvanized, Wire Column Ties</b> <small>(04 05 19 16-0183)</small>		
04 05 19 16-0202 EA 3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.30	
04 05 19 16-0203 EA 5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.41	
04 05 19 16-0204 EA 7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.48	
04 05 19 16-0205 EA 9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.59	
04 05 19 16-0206 EA 10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.35	
04 05 19 16-0207 EA 12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.46	
04 05 19 16-0208 EA 14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.53	
04 05 19 16-0209 EA 16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie .....	2.62	
04 05 19 16-0210 EA 3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.00	
04 05 19 16-0211 EA 5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.20	
04 05 19 16-0212 EA 7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.29	
04 05 19 16-0213 EA 9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.49	
04 05 19 16-0214 EA 10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	2.91	
04 05 19 16-0215 EA 12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.25	
04 05 19 16-0216 EA 14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.38	
04 05 19 16-0217 EA 16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie .....	3.49	
<b>04 05 19 16-0218 Dovetail Anchors, Slots And Ties</b> <small>(04 05 19 16)</small>		
<b>04 05 19 16-0219 Dovetail Anchor Slots</b> <small>(04 05 19 16-0218)</small>		
<b>04 05 19 16-0220 Hot-Dipped Galvanized, Dovetail Anchor Slot</b> <small>(04 05 19 16-0219)</small>		
04 05 19 16-0221 LF 24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....	4.74	
04 05 19 16-0222 LF 22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....	5.27	
04 05 19 16-0223 LF 20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....	5.58	
04 05 19 16-0224 LF 18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....	5.73	
04 05 19 16-0225 LF 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot .....	6.09	
<b>04 05 19 16-0226 Mill Galvanized, Dovetail Anchor Slot</b> <small>(04 05 19 16-0219)</small>		
04 05 19 16-0227 LF 24 Gauge, Mill Galvanized, Dovetail Anchor Slot .....	3.69	
04 05 19 16-0228 LF 22 Gauge, Mill Galvanized, Dovetail Anchor Slot .....	4.36	
04 05 19 16-0229 LF 20 Gauge, Mill Galvanized, Dovetail Anchor Slot .....	4.51	
04 05 19 16-0230 LF 18 Gauge, Mill Galvanized, Dovetail Anchor Slot .....	4.74	
04 05 19 16-0231 LF 16 Gauge, Mill Galvanized, Dovetail Anchor Slot .....	4.89	
<b>04 05 19 16-0232 304 Stainless Steel, Dovetail Anchor Slot</b> <small>(04 05 19 16-0219)</small>		
04 05 19 16-0233 LF 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....	4.25	
04 05 19 16-0234 LF 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....	4.69	
04 05 19 16-0235 LF 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....	4.84	
04 05 19 16-0236 LF 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....	5.34	
04 05 19 16-0237 LF 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot .....	5.82	
<b>04 05 19 16-0238 316 Stainless Steel, Dovetail Anchor Slot</b> <small>(04 05 19 16-0219)</small>		
04 05 19 16-0239 LF 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....	4.59	
04 05 19 16-0240 LF 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....	4.93	
04 05 19 16-0241 LF 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....	5.26	
04 05 19 16-0242 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....	5.69	
04 05 19 16-0243 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot .....	5.94	
<b>04 05 19 16-0244 Dovetail Corrugated Brick Ties</b> <small>(04 05 19 16-0218)</small>		
<b>04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie</b> <small>(04 05 19 16-0244)</small>		
04 05 19 16-0246 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.64	
04 05 19 16-0247 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.81	
04 05 19 16-0248 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.98	
04 05 19 16-0249 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.68	
04 05 19 16-0250 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	2.00	
04 05 19 16-0251 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	2.24	
04 05 19 16-0252 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.77	
04 05 19 16-0253 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	1.99	
04 05 19 16-0254 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie .....	2.21	
<b>04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie</b> <small>(04 05 19 16-0244)</small>		
04 05 19 16-0256 EA 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.49	
04 05 19 16-0257 EA 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.59	
04 05 19 16-0258 EA 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.70	
04 05 19 16-0259 EA 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.57	
04 05 19 16-0260 EA 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.78	
04 05 19 16-0261 EA 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie .....	1.95	

**04 Masonry****04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 05 19 16-0262	EA	3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.61	
04 05 19 16-0263	EA	5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.86	
04 05 19 16-0264	EA	7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	2.03	
<b>04 05 19 16-0265</b>		<b>Dovetail Stone Anchors</b> (04 05 19 16-0218)		
<b>04 05 19 16-0266</b>		<b>Hot-Dipped Galvanized, Dovetail Stone Anchors</b> (04 05 19 16-0265)		
04 05 19 16-0267	EA	3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.00	
04 05 19 16-0268	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.17	
04 05 19 16-0269	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.35	
<b>04 05 19 16-0270</b>		<b>Dovetail Partition Top Anchors</b> (04 05 19 16-0218)		
04 05 19 16-0271	EA	3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor.....	4.81	
04 05 19 16-0272	EA	3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	7.14	
<b>04 05 19 16-0273</b>		<b>Dovetail Flexible Triangle Brick Ties</b> (04 05 19 16-0218)		
<b>04 05 19 16-0274</b>		<b>Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties</b> (04 05 19 16-0273)		
04 05 19 16-0275	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.00	
04 05 19 16-0276	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.23	
04 05 19 16-0277	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.38	
04 05 19 16-0278	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.54	
<b>04 05 19 16-0279</b>		<b>Mill Galvanized, Dovetail Flexible Triangle Brick Ties</b> (04 05 19 16-0273)		
04 05 19 16-0280	EA	3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.68	
04 05 19 16-0281	EA	5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.70	
04 05 19 16-0282	EA	7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.80	
04 05 19 16-0283	EA	9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.05	
<b>04 05 19 26</b>		<b>Masonry Reinforcing Bars</b> (04 05 19)		
		Note: Includes cutting and bending.		
<b>04 05 19 26-0001</b>		<b>Plain Steel Masonry Reinforcement Bar</b> (04 05 19 26)		
04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.23	
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.00	
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.83	
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.70	
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.25	
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.04	
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.88	
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.77	
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.27	
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.09	
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.96	
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.89	
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.44	
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.33	
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.29	
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	4.26	
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.46	
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.37	
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.34	
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	4.33	
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.48	
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.42	
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.42	
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	4.45	
<b>04 05 19 26-0026</b>		<b>Galvanized Steel Masonry Reinforcement Bar</b> (04 05 19 26)		
04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.42	
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.34	
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.35	
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	4.45	
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.44	
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.37	
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.41	
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	4.53	
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.46	
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.42	
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.48	
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	4.64	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.63	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.67	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.81	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar.....	5.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 26-0043 LF #3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.65	
04 05 19 26-0044 LF #4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.70	
04 05 19 26-0045 LF #5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	3.87	
04 05 19 26-0046 LF #6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	5.09	
04 05 19 26-0047 LF #3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	1.67	
04 05 19 26-0048 LF #4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	2.75	
04 05 19 26-0049 LF #5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	3.94	
04 05 19 26-0050 LF #6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar .....	5.20	
 <b>04 05 19 26-0051 Epoxy-Coated Masonry Reinforcement Bar</b> <small>(04 05 19 26)</small>		
04 05 19 26-0052 LF #3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.40	
04 05 19 26-0053 LF #4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.30	
04 05 19 26-0054 LF #5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.30	
04 05 19 26-0055 LF #6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	4.37	
04 05 19 26-0056 LF #3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.41	
04 05 19 26-0057 LF #4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.34	
04 05 19 26-0058 LF #5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.35	
04 05 19 26-0059 LF #6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	4.45	
04 05 19 26-0060 LF #3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.44	
04 05 19 26-0061 LF #4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.39	
04 05 19 26-0062 LF #5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.43	
04 05 19 26-0063 LF #6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar.....	4.56	
04 05 19 26-0064 LF #3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.61	
04 05 19 26-0065 LF #4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.63	
04 05 19 26-0066 LF #5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.76	
04 05 19 26-0067 LF #6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	4.93	
04 05 19 26-0068 LF #3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.62	
04 05 19 26-0069 LF #4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.67	
04 05 19 26-0070 LF #5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.81	
04 05 19 26-0071 LF #6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	5.01	
04 05 19 26-0072 LF #3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	1.65	
04 05 19 26-0073 LF #4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	2.72	
04 05 19 26-0074 LF #5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	3.89	
04 05 19 26-0075 LF #6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar.....	5.12	
 <b>04 05 23 Masonry Accessories</b> <small>(04 05)</small>		
<b>04 05 23 13 Masonry Control and Expansion Joints</b> <small>(04 05 23)</small>		
<b>04 05 23 13-0001 Masonry Control Joints</b> <small>(04 05 23 13)</small>		
<b>04 05 23 13-0002 Rubber, Masonry Control Joints</b> <small>(04 05 23 13-0001)</small>		
04 05 23 13-0003 LF 1-5/8" Width, T-Style, Rubber, Masonry Control Joint .....	7.58	1.14
04 05 23 13-0004 LF 2-5/8" Width, Rubber, Masonry Control Joint.....	7.36	1.14
04 05 23 13-0005 LF 6-7/8" Width, Rubber, Masonry Control Joint.....	15.74	1.14
 <b>04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints</b> <small>(04 05 23 13-0001)</small>		
04 05 23 13-0007 LF 1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint.....	4.51	1.14
04 05 23 13-0008 LF 2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....	4.69	1.14
04 05 23 13-0009 LF 4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....	5.93	1.14
04 05 23 13-0010 LF 6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint .....	6.56	1.14
04 05 23 13-0011 LF 11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint.....	6.17	1.14
 <b>04 05 23 16 Masonry Embedded Flashing</b> <small>(04 05 23)</small>		
<b>04 05 23 16-0001 Lead Coated Copper Through Wall Flashing</b> <small>(04 05 23 16)</small>		
<b>04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> <small>(04 05 23 16-0001)</small>		
04 05 23 16-0003 SF 2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	9.16	1.75
04 05 23 16-0004 SF 3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	10.16	1.75
04 05 23 16-0005 SF 5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	12.95	1.75
04 05 23 16-0006 SF 7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	15.42	1.75
 <b>04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> <small>(04 05 23 16-0001)</small>		
04 05 23 16-0008 SF 2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	10.14	1.75
04 05 23 16-0009 SF 3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	11.04	1.75
04 05 23 16-0010 SF 5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	14.26	1.75
04 05 23 16-0011 SF 7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing .....	17.23	1.75
 <b>04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing</b> <small>(04 05 23 16-0001)</small>		
04 05 23 16-0013 SF 2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	9.39	1.75
04 05 23 16-0014 SF 3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	10.64	1.75
04 05 23 16-0015 SF 5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	12.45	1.75
04 05 23 16-0016 SF 7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing.....	16.22	1.75

**04 Masonry****04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

04 05 23 16-0017		Stainless Steel Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0018		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0019	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing .....	6.49	1.63
04 05 23 16-0020		Polyvinyl Chloride (PVC) Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0021	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....	4.34	1.74
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....	4.70	1.74
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....	5.12	1.74
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing .....	6.50	1.74
04 05 23 16-0025		Copper Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0026		2 Sides Coated With Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
04 05 23 16-0027	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	7.65	1.63
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	8.39	1.63
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	10.44	1.63
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	12.24	1.63
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing .....	13.00	1.63
04 05 23 16-0032		2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
04 05 23 16-0033	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	8.38	1.63
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	9.03	1.63
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	11.40	1.63
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	13.56	1.63
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	14.84	1.63
04 05 23 16-0038		1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
04 05 23 16-0039	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	7.73	1.63
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	8.48	1.63
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	10.51	1.63
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	12.31	1.63
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	13.08	1.63
04 05 23 16-0044		2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
04 05 23 16-0045	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	7.83	1.63
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	8.73	1.63
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	10.06	1.63
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	12.83	1.63
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing .....	9.42	1.63
04 05 23 16-0050		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
04 05 23 16-0051	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	10.85	1.63
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing .....	13.58	1.63
04 05 23 16-0053		2 Sides Glass Fabric, Thru-Wall Copper Flashing <small>(04 05 23 16-0025)</small>		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0054	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....	9.27	1.63
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing .....	11.71	1.63

**04 20 Unit Masonry** (04)

Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.

**04 21 Clay Unit Masonry** (04 20)**04 21 13 Brick Masonry** (04 21)

Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.

04 21 13 00-0001 Brick Masonry (04 21 13)





	<b>Masonry</b>	<b>04</b>
	<b>Unit Masonry</b>	<b>04 20</b>
	<b>Clay Unit Masonry</b>	<b>04 21</b>

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0002	SF		Standard Size Red Brick, Running Bond.....	29.06	
			Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		
			For Buff Or Gray, Add	0.96	
			For Common Or American Bond, Add	0.93	
			For English Bond, Add	1.86	
			For Flemish Bond, Add	3.78	
			For Stacked Bond, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	35.21	
			For Curved Wall, Add	4.66	
			For Corbels, Add	17.46	
			For Severe Weather (SW) Brick, Add	0.87	
			For Glazed Brick, Add	20.23	
04 21 13 00-0003	SF		Engineer Standard Size Red Brick, Running Bond.....	29.91	
			Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
			For Buff Or Gray, Add	1.19	
			For Common Or American Bond, Add	0.91	
			For English Bond, Add	1.82	
			For Flemish Bond, Add	3.77	
			For Stacked Bond, Add	2.63	
			For <10, Small Area Replacements (Individual Areas), Add	34.48	
			For Curved Wall, Add	4.55	
			For Corbels, Add	17.06	
			For Severe Weather (SW) Brick, Add	1.07	
			For Glazed Brick, Add	25.06	
04 21 13 00-0004	SF		Modular Size Red Brick, Running Bond.....	29.06	
			Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
			For Buff Or Gray, Add	0.96	
			For Common Or American Bond, Add	0.93	
			For English Bond, Add	1.86	
			For Flemish Bond, Add	3.78	
			For Stacked Bond, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	35.21	
			For Curved Wall, Add	4.66	
			For Corbels, Add	17.46	
			For Severe Weather (SW) Brick, Add	0.87	
			For Glazed Brick, Add	20.23	
04 21 13 00-0005	SF		Engineer Modular Size Red Brick, Running Bond .....	29.91	
			Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
			For Buff Or Gray, Add	1.19	
			For Common Or American Bond, Add	0.91	
			For English Bond, Add	1.82	
			For Flemish Bond, Add	3.77	
			For Stacked Bond, Add	2.63	
			For <10, Small Area Replacements (Individual Areas), Add	34.48	
			For Curved Wall, Add	4.55	
			For Corbels, Add	17.06	
			For Severe Weather (SW) Brick, Add	1.07	
			For Glazed Brick, Add	25.06	
04 21 13 00-0006	SF		Economy Size Red Brick, Running Bond.....	29.72	
			Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
			For Buff Or Gray, Add	1.16	
			For Common Or American Bond, Add	0.91	
			For English Bond, Add	1.82	
			For Flemish Bond, Add	3.76	
			For Stacked Bond, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	34.47	
			For Curved Wall, Add	4.55	
			For Corbels, Add	17.06	
			For Severe Weather (SW) Brick, Add	1.05	
			For Glazed Brick, Add	24.40	
04 21 13 00-0007	SF		Utility Size Red Brick, Running Bond.....	21.86	
			Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
			For Buff Or Gray, Add	1.00	
			For Common Or American Bond, Add	0.64	
			For English Bond, Add	1.27	
			For Flemish Bond, Add	2.68	
			For Stacked Bond, Add	1.89	
			For <10, Small Area Replacements (Individual Areas), Add	24.13	
			For Curved Wall, Add	3.18	
			For Corbels, Add	11.92	
			For Severe Weather (SW) Brick, Add	0.90	
			For Glazed Brick, Add	20.90	
04 21 13 00-0008	SF		Double Utility Size Red Brick, Running Bond .....	20.07	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
			For Buff Or Gray, Add	0.70	
			For Common Or American Bond, Add	0.64	
			For English Bond, Add	1.27	
			For Flemish Bond, Add	2.59	
			For Stacked Bond, Add	1.80	
			For <10, Small Area Replacements (Individual Areas), Add	24.04	
			For Curved Wall, Add	3.18	
			For Corbels, Add	11.92	
			For Severe Weather (SW) Brick, Add	0.63	
			For Glazed Brick, Add	14.63	



<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 21 13 00-0009	SF Norman Size Red Brick, Running Bond ..... Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	30.27	
	For Buff Or Gray, Add	1.25	
	For Common Or American Bond, Add	0.91	
	For English Bond, Add	1.82	
	For Flemish Bond, Add	3.79	
	For Stacked Bond, Add	2.65	
	For <10, Small Area Replacements (Individual Areas), Add	34.50	
	For Curved Wall, Add	4.55	
	For Corbels, Add	17.06	
	For Severe Weather (SW) Brick, Add	1.13	
	For Glazed Brick, Add	26.32	
04 21 13 00-0010	SF Roman Size Red Brick, Running Bond ..... Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)	31.85	
	For Buff Or Gray, Add	1.52	
	For Common Or American Bond, Add	0.91	
	For English Bond, Add	1.82	
	For Flemish Bond, Add	3.87	
	For Stacked Bond, Add	2.73	
	For <10, Small Area Replacements (Individual Areas), Add	34.58	
	For Curved Wall, Add	4.55	
	For Corbels, Add	17.06	
	For Severe Weather (SW) Brick, Add	1.37	
	For Glazed Brick, Add	31.85	
<b>04 21 13 00-0011 Fire Brick</b> <small>(04 21 13)</small>			
04 21 13 00-0012	SF Running Bond, Red Fire Brick ..... Note: Running bond, red fire brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)	33.44	
	For Buff Or Gray, Add	1.78	
	For Common Or American Bond, Add	0.91	
	For English Bond, Add	1.82	
	For Flemish Bond, Add	3.95	
	For Stacked Bond, Add	2.81	
	For <10, Small Area Replacements (Individual Areas), Add	34.66	
<b>04 21 13 00-0013 Window Sill</b> <small>(04 21 13)</small>			
04 21 13 00-0014	LF Standard Size Red Brick, Window Sill ..... Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.	27.13	
	For Buff Or Gray, Add	0.28	
04 21 13 00-0015	LF Engineer Standard Size Red Brick, Window Sill ..... Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.	27.34	
	For Buff Or Gray, Add	0.32	
04 21 13 00-0016	LF Modular Size Red Brick, Window Sill ..... Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.	27.13	
	For Buff Or Gray, Add	0.28	
04 21 13 00-0017	LF Engineer Modular Size Red Brick, Window Sill ..... Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.	27.47	
	For Buff Or Gray, Add	0.34	
04 21 13 00-0018	LF Economy Size Red Brick, Window Sill ..... Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.	28.36	
	For Buff Or Gray, Add	0.49	
04 21 13 00-0019	LF Utility Size Red Brick, Window Sill ..... Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.	28.54	
	For Buff Or Gray, Add	0.52	
04 21 13 00-0020	LF Double Utility Size Red Brick, Window Sill ..... Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.	28.54	
	For Buff Or Gray, Add	0.52	
04 21 13 00-0021	LF Norman Size Red Brick, Window Sill ..... Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.	27.59	
	For Buff Or Gray, Add	0.36	
04 21 13 00-0022	LF Roman Size Red Brick, Window Sill ..... Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.	27.68	
	For Buff Or Gray, Add	0.38	
<b>04 21 19 Clay Tile Masonry</b> <small>(04 21)</small>			
<b>04 21 19 00-0001 Scored Face, Hollow, Clay Backing Tile</b> <small>(04 21 19)</small>			
<b>04 21 19 00-0002 Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> <small>(04 21 19 00-0001)</small>			
04 21 19 00-0003	SF 4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	25.79 1.54 2.56	
04 21 19 00-0004	SF 6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	27.96 1.70 2.84	
04 21 19 00-0005	SF 8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	31.20 1.96 3.30	
04 21 19 00-0006	SF 10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	42.07 2.98 5.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0007 SF 12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	54.71 4.12 7.16	
<b>04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile</b> (04 21 19 00-0001)		
04 21 19 00-0009 SF 3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	21.73 1.25 2.06	
04 21 19 00-0010 SF 4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	25.70 1.60 2.68	
04 21 19 00-0011 SF 6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	26.42 1.62 2.72	
04 21 19 00-0012 SF 8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	39.35 2.84 4.89	
04 21 19 00-0013 SF 12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile ..... <i>For Smooth Face, One Side, Add</i> <i>For Smooth Face, Two Sides, Add</i>	53.01 4.07 7.09	
<b>04 21 26 Glazed Structural Clay Tile Masonry</b> (04 21)		
Note: Includes tile and mortar in all colors.		
04 21 26 00-0001 6T Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0002 Glazed On One Side 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0003 SF 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" ..... <i>For Stacked Bond, Add</i>	36.51 2.50	
04 21 26 00-0004 SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" ..... <i>For Stacked Bond, Add</i>	40.52 2.50	
04 21 26 00-0005 SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12" ..... <i>For Stacked Bond, Add</i>	48.92 2.61	
04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0007 LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	38.67 2.95	
04 21 26 00-0008 LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	45.35 2.95	
04 21 26 00-0009 8W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0011 SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" ..... <i>For Stacked Bond, Add</i>	28.17 1.59	
04 21 26 00-0012 SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" ..... <i>For Stacked Bond, Add</i>	34.71 1.70	
04 21 26 00-0013 SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" ..... <i>For Stacked Bond, Add</i>	47.25 1.82	
04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0015 LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	38.38 2.04	
04 21 26 00-0016 LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	38.32 2.04	
04 21 26 00-0017 4W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0019 SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" ..... <i>For Stacked Bond, Add</i>	38.02 2.50	
04 21 26 00-0020 SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" ..... <i>For Stacked Bond, Add</i>	40.02 2.50	
04 21 26 00-0021 SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" ..... <i>For Stacked Bond, Add</i>	49.18 2.61	
04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0023 LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	39.89 2.95	
04 21 26 00-0024 LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile ..... <i>For Stacked Bond, Add</i>	45.24 2.95	
04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0026 SF 4" Thick, 6T Sound Absorbing Structural Glazed Tile ..... 04 21 26 00-0027 SF 6" Thick, 6T Sound Absorbing Structural Glazed Tile .....	39.41 42.50	

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 21</b>	<b>Clay Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

04 21 26 00-0028 SF 8" Thick, 6T Sound Absorbing Structural Glazed Tile .....49.62

**04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile (04 21 26)**

04 21 26 00-0030 SF 4" Thick, 8T Sound Absorbing Structural Glazed Tile .....42.26

04 21 26 00-0031 SF 6" Thick, 8T Sound Absorbing Structural Glazed Tile .....47.50

04 21 26 00-0032 SF 8" Thick, 8T Acoustical Glazed Tile .....56.50

**04 22 Concrete Unit Masonry (04 20)**

Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.

**04 22 23 Architectural Concrete Unit Masonry (04 22)**

**04 22 23 13 Exposed Aggregate Concrete Unit Masonry (04 22 23)**

04 22 23 13-0001 Concrete Blocks (04 22 23 13)

04 22 23 13-0002 Lightweight Concrete Blocks (04 22 23 13-0001)

04 22 23 13-0003 Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)

04 22 23 13-0004 SF 4" x 8" x 16", Cored, Lightweight, Concrete Block .....14.10

For Stacked Bond, Add 3.14

For Scored Block, Add 0.40

For Curved Wall Application, Add 2.42

For <10, Small Area Replacements (Individual Areas), Add 18.27

04 22 23 13-0005 SF 6" x 8" x 16", Cored, Lightweight, Concrete Block .....15.62

For Stacked Bond, Add 3.40

For Scored Block, Add 0.51

For Curved Wall Application, Add 2.61

For <10, Small Area Replacements (Individual Areas), Add 19.78

04 22 23 13-0006 SF 8" x 8" x 16", Cored, Lightweight, Concrete Block .....16.91

For Stacked Bond, Add 3.65

For Scored Block, Add 0.58

For Curved Wall Application, Add 2.81

For <10, Small Area Replacements (Individual Areas), Add 21.26

04 22 23 13-0007 SF 10" x 8" x 16", Cored, Lightweight, Concrete Block .....18.52

For Stacked Bond, Add 3.82

For Scored Block, Add 0.77

For Curved Wall Application, Add 2.94

For <10, Small Area Replacements (Individual Areas), Add 22.31

04 22 23 13-0008 SF 12" x 8" x 16", Cored, Lightweight, Concrete Block .....22.38

For Stacked Bond, Add 4.75

For Scored Block, Add 0.83

For Curved Wall Application, Add 3.65

For <10, Small Area Replacements (Individual Areas), Add 27.68

04 22 23 13-0009 Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)

04 22 23 13-0010 SF 4" x 8" x 16", Solid, Lightweight, Concrete Block .....15.08

For Stacked Bond, Add 3.22

For Scored Block, Add 0.54

For Curved Wall Application, Add 2.48

For <10, Small Area Replacements (Individual Areas), Add 18.79

04 22 23 13-0011 SF 6" x 8" x 16", Solid, Lightweight, Concrete Block .....16.53

For Stacked Bond, Add 3.54

For Scored Block, Add 0.58

For Curved Wall Application, Add 2.72

For <10, Small Area Replacements (Individual Areas), Add 20.65

04 22 23 13-0012 SF 8" x 8" x 16", Solid, Lightweight, Concrete Block .....17.47

For Stacked Bond, Add 3.76

For Scored Block, Add 0.60

For Curved Wall Application, Add 2.89

For <10, Small Area Replacements (Individual Areas), Add 21.92

04 22 23 13-0013 SF 10" x 8" x 16", Solid, Lightweight, Concrete Block .....19.30

For Stacked Bond, Add 3.94

For Scored Block, Add 0.83

For Curved Wall Application, Add 3.03

For <10, Small Area Replacements (Individual Areas), Add 23.02

04 22 23 13-0014 SF 12" x 8" x 16", Solid, Lightweight, Concrete Block .....23.31

For Stacked Bond, Add 4.90

For Scored Block, Add 0.89

For Curved Wall Application, Add 3.77

For <10, Small Area Replacements (Individual Areas), Add 28.62

04 22 23 13-0015 Normal Weight Concrete Blocks (04 22 23 13-0001)

04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks (04 22 23 13-0015)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0017 SF 4" x 8" x 16", Cored, Normal Weight, Concrete Block.....	14.41	
For Stacked Bond, Add	3.22	
For Scored Block, Add	0.40	
For Curved Wall Application, Add	2.48	
For <10, Small Area Replacements (Individual Areas), Add	18.74	
For 3,500 PSI, Add	0.42	
For 5,000 PSI, Add	0.73	
04 22 23 13-0018 SF 6" x 8" x 16", Cored, Normal Weight, Concrete Block.....	15.93	
For Stacked Bond, Add	3.54	
For Scored Block, Add	0.46	
For Curved Wall Application, Add	2.72	
For <10, Small Area Replacements (Individual Areas), Add	20.60	
For 3,500 PSI, Add	0.49	
For 5,000 PSI, Add	0.83	
04 22 23 13-0019 SF 8" x 8" x 16", Cored, Normal Weight, Concrete Block.....	17.12	
For Stacked Bond, Add	3.76	
For Scored Block, Add	0.53	
For Curved Wall Application, Add	2.89	
For <10, Small Area Replacements (Individual Areas), Add	21.89	
For 3,500 PSI, Add	0.56	
For 5,000 PSI, Add	0.96	
04 22 23 13-0020 SF 10" x 8" x 16", Cored, Normal Weight, Concrete Block.....	20.26	
For Stacked Bond, Add	3.94	
For Scored Block, Add	1.02	
For Curved Wall Application, Add	3.03	
For <10, Small Area Replacements (Individual Areas), Add	23.09	
For 3,500 PSI, Add	1.08	
For 5,000 PSI, Add	1.84	
04 22 23 13-0021 SF 12" x 8" x 16", Cored, Normal Weight, Concrete Block.....	24.14	
For Stacked Bond, Add	4.90	
For Scored Block, Add	1.06	
For Curved Wall Application, Add	3.77	
For <10, Small Area Replacements (Individual Areas), Add	28.69	
For 3,500 PSI, Add	1.11	
For 5,000 PSI, Add	1.90	
<b>04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks (04 22 23 13-0015)</b>		
04 22 23 13-0023 SF 4" x 8" x 16", Solid, Normal Weight, Concrete Block.....	15.28	
For Stacked Bond, Add	3.31	
For Scored Block, Add	0.51	
For Curved Wall Application, Add	2.54	
For <10, Small Area Replacements (Individual Areas), Add	19.27	
For 3,500 PSI, Add	0.54	
For 5,000 PSI, Add	0.92	
04 22 23 13-0024 SF 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	16.40	
For Stacked Bond, Add	3.65	
For Scored Block, Add	0.47	
For Curved Wall Application, Add	2.81	
For <10, Small Area Replacements (Individual Areas), Add	21.22	
For 3,500 PSI, Add	0.50	
For 5,000 PSI, Add	0.85	
04 22 23 13-0025 SF 8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	17.65	
For Stacked Bond, Add	3.87	
For Scored Block, Add	0.55	
For Curved Wall Application, Add	2.98	
For <10, Small Area Replacements (Individual Areas), Add	22.56	
For 3,500 PSI, Add	0.58	
For 5,000 PSI, Add	0.99	
04 22 23 13-0026 SF 10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	19.32	
For Stacked Bond, Add	4.07	
For Scored Block, Add	0.74	
For Curved Wall Application, Add	3.13	
For <10, Small Area Replacements (Individual Areas), Add	23.74	
For 3,500 PSI, Add	0.77	
For 5,000 PSI, Add	1.32	
04 22 23 13-0027 SF 12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	23.36	
For Stacked Bond, Add	5.08	
For Scored Block, Add	0.77	
For Curved Wall Application, Add	3.90	
For <10, Small Area Replacements (Individual Areas), Add	29.57	
For 3,500 PSI, Add	0.81	
For 5,000 PSI, Add	1.38	
<b>04 22 23 13-0028 Bond Beam Or Lintel Concrete Blocks (04 22 23 13)</b>		
<b>04 22 23 13-0029 Lightweight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)</b>		
Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0030 LF 6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	16.22	
For Stacked Bond, Add	3.40	
For Grout And Fill With 2 #5 Rebar, Add	9.69	
For Scored Block, Add	0.63	
For Curved Wall Application, Add	2.61	

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0031 LF 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block .....	17.85	
For Stacked Bond, Add	3.65	
For Grout And Fill With 2 #5 Rebar, Add	10.84	
For Scored Block, Add	0.76	
For Curved Wall Application, Add	2.81	
04 22 23 13-0032 LF 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block .....	22.31	
For Stacked Bond, Add	4.75	
For Grout And Fill With 2 #5 Rebar, Add	13.19	
For Scored Block, Add	0.81	
For Curved Wall Application, Add	3.65	
<b>04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks</b> <small>(04 22 23 13-0028)</small>		
Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0034 LF 6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block .....	16.33	
For Stacked Bond, Add	3.54	
For Grout And Fill With 2 #5 Rebar, Add	9.52	
For Scored Block, Add	0.54	
For Curved Wall Application, Add	2.72	
For 3,500 PSI, Add	0.57	
For 5,000 PSI, Add	0.98	
04 22 23 13-0035 LF 8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block .....	17.82	
For Stacked Bond, Add	3.76	
For Grout And Fill With 2 #5 Rebar, Add	10.59	
For Scored Block, Add	0.67	
For Curved Wall Application, Add	2.89	
For 3,500 PSI, Add	0.71	
For 5,000 PSI, Add	1.21	
04 22 23 13-0036 LF 12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block .....	22.47	
For Stacked Bond, Add	4.90	
For Grout And Fill With 2 #5 Rebar, Add	13.04	
For Scored Block, Add	0.72	
For Curved Wall Application, Add	3.77	
For 3,500 PSI, Add	0.76	
For 5,000 PSI, Add	1.30	
<b>04 22 23 23 Prefaced Concrete Unit Masonry</b> <small>(04 22 23)</small>		
<b>04 22 23 23-0001 Ground Face Concrete Blocks</b> <small>(04 22 23 23)</small>		
04 22 23 23-0002 SF 4" x 8" x 16", Ground Face, Concrete Block .....	18.37	
For Stacked Bond, Add	3.94	
For Scored Block, Add	0.65	
For Curved Wall Application, Add	3.03	
For <10, Small Area Replacements (Individual Areas), Add	22.95	
04 22 23 23-0003 SF 6" x 8" x 16", Ground Face, Concrete Block .....	20.72	
For Stacked Bond, Add	4.43	
For Scored Block, Add	0.74	
For Curved Wall Application, Add	3.41	
For <10, Small Area Replacements (Individual Areas), Add	25.84	
04 22 23 23-0004 SF 8" x 8" x 16", Ground Face, Concrete Block .....	22.36	
For Stacked Bond, Add	4.68	
For Scored Block, Add	0.87	
For Curved Wall Application, Add	3.60	
For <10, Small Area Replacements (Individual Areas), Add	27.33	
04 22 23 23-0005 SF 10" x 8" x 16", Ground Face, Concrete Block .....	23.88	
For Stacked Bond, Add	4.96	
For Scored Block, Add	0.96	
For Curved Wall Application, Add	3.82	
For <10, Small Area Replacements (Individual Areas), Add	28.98	
04 22 23 23-0006 SF 12" x 8" x 16", Ground Face, Concrete Block .....	28.82	
For Stacked Bond, Add	6.13	
For Scored Block, Add	1.05	
For Curved Wall Application, Add	4.71	
For <10, Small Area Replacements (Individual Areas), Add	35.75	
<b>04 22 23 26 Sound-Absorbing Concrete Unit Masonry</b> <small>(04 22 23)</small>		
<b>04 22 23 26-0001 Slotted, Acoustical Concrete Block</b> <small>(04 22 23 26)</small>		
04 22 23 26-0002 SF 4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block .....	24.07	
For Stacked Bond, Add	3.94	
For Curved Wall Application, Add	3.03	
For <10, Small Area Replacements (Individual Areas), Add	23.38	
04 22 23 26-0003 SF 6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block .....	26.92	
For Stacked Bond, Add	4.28	
For Curved Wall Application, Add	3.29	
For <10, Small Area Replacements (Individual Areas), Add	25.46	
04 22 23 26-0004 SF 8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block .....	30.90	
For Stacked Bond, Add	4.68	
For Curved Wall Application, Add	3.60	
For <10, Small Area Replacements (Individual Areas), Add	27.97	
<b>04 22 23 29 Split-Face Concrete Unit Masonry</b> <small>(04 22 23)</small>		



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0001	Split Face, Concrete Blocks <small>(04 22 23 29)</small>		
04 22 23 29-0002	Plain Or Scored, Split Face, Concrete Blocks <small>(04 22 23 29-0001)</small>		
04 22 23 29-0003	SF 4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	18.76 3.94 3.03 22.98	
04 22 23 29-0004	SF 6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	21.17 4.43 3.41 25.87	
04 22 23 29-0005	SF 8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	22.87 4.68 3.60 27.37	
04 22 23 29-0006	SF 10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	24.49 4.96 3.82 29.03	
04 22 23 29-0007	SF 12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	29.18 6.13 4.71 35.78	
04 22 23 29-0008	Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks <small>(04 22 23 29-0001)</small>		
04 22 23 29-0009	SF 4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Grout And Fill With 2 #5 Rebar, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	19.66 3.94 12.09 3.03 23.05	
04 22 23 29-0010	SF 6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Grout And Fill With 2 #5 Rebar, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	22.20 4.43 13.68 3.41 25.95	
04 22 23 29-0011	SF 8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Grout And Fill With 2 #5 Rebar, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	24.09 4.68 15.09 3.60 27.46	
04 22 23 29-0012	SF 10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Grout And Fill With 2 #5 Rebar, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	25.84 4.96 16.30 3.82 29.13	
04 22 23 29-0013	SF 12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Grout And Fill With 2 #5 Rebar, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	30.58 6.13 18.80 4.71 35.88	
04 22 23 29-0014	Split Rib, Concrete Block <small>(04 22 23 29)</small>		
04 22 23 29-0015	Split Rib, Concrete Block <small>(04 22 23 29-0014)</small>		
04 22 23 29-0016	SF 4" x 8" x 16", Split Rib, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	18.47 3.94 3.03 22.96	
04 22 23 29-0017	SF 6" x 8" x 16", Split Rib, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	21.84 4.43 3.41 25.92	
04 22 23 29-0018	SF 8" x 8" x 16", Split Rib, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	23.22 4.68 3.60 27.39	
04 22 23 29-0019	SF 10" x 8" x 16", Split Rib, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	24.78 4.96 3.82 29.05	
04 22 23 29-0020	SF 12" x 8" x 16", Split Rib, Concrete Block ..... <i>For Stacked Bond, Add</i> <i>For Curved Wall Application, Add</i> <i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	29.81 6.13 4.71 35.82	
04 22 23 31	Glazed Concrete Masonry Unit <small>(04 22 23)</small>		
04 22 23 31-0001	One Glazed Face, Concrete Blocks <small>(04 22 23 31)</small>		
04 22 23 31-0002	One Glazed Face, Concrete Blocks <small>(04 22 23 31-0001)</small>		



<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 20</b>	<b>Unit Masonry</b>
	<b>04 22</b>	<b>Concrete Unit Masonry</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
04 22 23 31-0003	SF 4" x 8" x 16", One Glazed Face, Concrete Block .....	30.69	
	<i>For Stacked Bond, Add</i>	3.82	
	<i>For Curved Wall Application, Add</i>	2.94	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	23.22	
04 22 23 31-0004	SF 6" x 8" x 16", One Glazed Face, Concrete Block .....	32.92	
	<i>For Stacked Bond, Add</i>	4.20	
	<i>For Curved Wall Application, Add</i>	3.23	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	25.50	
04 22 23 31-0005	SF 8" x 8" x 16", One Glazed Face, Concrete Block .....	34.86	
	<i>For Stacked Bond, Add</i>	4.43	
	<i>For Curved Wall Application, Add</i>	3.41	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	26.90	
04 22 23 31-0006	SF 10" x 8" x 16", One Glazed Face, Concrete Block .....	36.91	
	<i>For Stacked Bond, Add</i>	4.68	
	<i>For Curved Wall Application, Add</i>	3.60	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	28.42	
04 22 23 31-0007	SF 12" x 8" x 16", One Glazed Face, Concrete Block .....	42.03	
	<i>For Stacked Bond, Add</i>	5.77	
	<i>For Curved Wall Application, Add</i>	4.44	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	34.77	
<b>04 22 23 31-0008</b>	<b>Two Glazed Faces, Concrete Blocks</b> <small>(04 22 23 31)</small>		
<b>04 22 23 31-0009</b>	<b>Two Glazed Faces, Concrete Blocks</b> <small>(04 22 23 31-0008)</small>		
04 22 23 31-0010	SF 4" x 8" x 16", Two Glazed Faces, Concrete Block .....	40.51	
	<i>For Stacked Bond, Add</i>	4.35	
	<i>For Curved Wall Application, Add</i>	3.35	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	26.89	
04 22 23 31-0011	SF 6" x 8" x 16", Two Glazed Faces, Concrete Block .....	42.56	
	<i>For Stacked Bond, Add</i>	4.68	
	<i>For Curved Wall Application, Add</i>	3.60	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	28.84	
04 22 23 31-0012	SF 8" x 8" x 16", Two Glazed Faces, Concrete Block .....	45.49	
	<i>For Stacked Bond, Add</i>	5.17	
	<i>For Curved Wall Application, Add</i>	3.97	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	31.73	
04 22 23 31-0013	SF 12" x 8" x 16", Two Glazed Faces, Concrete Block .....	58.95	
	<i>For Stacked Bond, Add</i>	5.72	
	<i>For Curved Wall Application, Add</i>	4.40	
	<i>For &lt;10, Small Area Replacements (Individual Areas), Add</i>	35.79	
<b>04 23</b>	<b>Glass Unit Masonry</b> <small>(04 20)</small>		
<b>04 23 13</b>	<b>Vertical Glass Unit Masonry</b> <small>(04 23)</small>		
	Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.		
<b>04 23 13 00-0001</b>	<b>Glass Block Unit Masonry</b> <small>(04 23 13)</small>		
04 23 13 00-0002	SF 6" x 6" x 4" Plain Glass Block.....	84.03	
	<i>For Solar Reflective (Suntrol) Blocks, Add</i>	15.90	
	<i>For Essex (Horizontal Striated) Blocks, Add</i>	9.08	
	<i>For Sculptured Or Patterned Blocks, Add</i>	15.90	
	<i>For Colored Glass, Add</i>	45.42	
	<i>For Thinline Block, Deduct</i>	-11.36	
	<i>For &gt;1,000 To 5,000, Deduct</i>	-6.12	
	<i>For &gt;5,000, Deduct</i>	-10.31	
04 23 13 00-0003	SF 8" x 8" x 4" Plain Glass Block.....	60.54	
	<i>For Solar Reflective (Suntrol) Blocks, Add</i>	11.25	
	<i>For Essex (Horizontal Striated) Blocks, Add</i>	6.43	
	<i>For Sculptured Or Patterned Blocks, Add</i>	11.25	
	<i>For Colored Glass, Add</i>	32.15	
	<i>For Thinline Block, Deduct</i>	-8.04	
	<i>For &gt;1,000 To 5,000, Deduct</i>	-4.44	
	<i>For &gt;5,000, Deduct</i>	-7.46	
04 23 13 00-0004	SF 12" x 12" x 4" Plain Glass Block.....	67.19	
	<i>For Solar Reflective (Suntrol) Blocks, Add</i>	14.38	
	<i>For Essex (Horizontal Striated) Blocks, Add</i>	8.22	
	<i>For Sculptured Or Patterned Blocks, Add</i>	14.38	
	<i>For Colored Glass, Add</i>	41.08	
	<i>For Thinline Block, Deduct</i>	-10.27	
	<i>For &gt;1,000 To 5,000, Deduct</i>	-4.66	
	<i>For &gt;5,000, Deduct</i>	-8.01	
<b>04 23 13 00-0005</b>	<b>Solid Glass Block (Vistabrik®)</b> <small>(04 23 13)</small>		
04 23 13 00-0006	SF 3" x 8" x 3" Solid Glass Block (Vistabrik®).....	764.59	
04 23 13 00-0007	SF 4" x 8" x 3" Solid Glass Block (Vistabrik®).....	580.67	
04 23 13 00-0008	SF 6" x 8" x 3" Solid Glass Block (Vistabrik®).....	398.94	
04 23 13 00-0009	SF 8" x 8" x 3" Solid Glass Block (Vistabrik®).....	279.51	

**04 40 Stone Assemblies** (04)

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.



	<b>Masonry</b>	<b>04</b>
	Stone Assemblies	04 40
	Dry-Placed Stone	04 41

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>04 41 Dry-Placed Stone</b> (04 40)					
04 41 00 00-0001			Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)		
04 41 00 00-0002	SF		4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	28.31	8.80
04 41 00 00-0003	SF		6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	28.77	8.80
<b>04 42 Exterior Stone Cladding</b> (04 40)					
<b>04 42 43 Stone Panels for Curtain Walls</b> (04 42)					
04 42 43 00-0001			Marble Facing Panels (04 42 43)		
			Note: 3' x 1.5'		
04 42 43 00-0002	SF		3/4" Thick Marble Facing Panels	70.27	19.58
04 42 43 00-0003	SF		7/8" Thick Marble Facing Panels	73.71	19.83
04 42 43 00-0004	SF		1-1/2" Thick Marble Facing Panels	83.75	20.20
04 42 43 00-0005	SF		2" Thick Marble Facing Panels	91.30	20.84
04 42 43 00-0006	SF		2-1/4" Thick Marble Facing Panels	97.24	22.10
04 42 43 00-0007	CF		Marble Face Panel	398.55	71.99
04 42 43 00-0008			Smooth Limestone Panels (04 42 43)		
			Note: Up to 12' x 5' panels.		
04 42 43 00-0009	SF		1-1/2" Thick Smooth Limestone Panels	65.54	39.27
04 42 43 00-0010	SF		2" Thick Smooth Limestone Panels	69.39	41.17
04 42 43 00-0011	SF		3" Thick Smooth Limestone Panels	73.43	43.07
04 42 43 00-0012	SF		4" Thick Smooth Limestone Panels	84.51	47.36
04 42 43 00-0013			Sandstone Panels (04 42 43)		
04 42 43 00-0014	SF		2-1/2" Thick Sandstone Panels	74.28	41.17
04 42 43 00-0015	SF		4" Thick Sandstone Panels	82.03	47.36
04 42 43 00-0016	SF		Split Face Sandstone Panels, Random Sizes	76.24	47.36
<b>04 43 Stone Masonry</b> (04 40)					
<b>04 43 16 Stone Fabrications</b> (04 43)					
04 43 16 00-0001			Marble (04 43 16)		
04 43 16 00-0002			Marble Base (04 43 16 00-0001)		
			Note: 1" thick.		
04 43 16 00-0003	LF		4" High Marble Base	125.00	83.40
04 43 16 00-0004	LF		6" High Marble Base	140.20	90.84
04 43 16 00-0005			Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006	CF		Plain Faced Solid Marble Columns	286.88	71.99
04 43 16 00-0007	CF		Fluted, Carved Solid Marble Columns	450.96	71.99
04 43 16 00-0008			Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009	SF		3/8" Uniform Color Marble Flooring	33.23	19.09
04 43 16 00-0010	SF		1/2" Uniform Color Marble Flooring	35.05	19.09
04 43 16 00-0011	SF		1/2" Travertine Marble Flooring	41.56	21.81
04 43 16 00-0012			Marble Items (04 43 16 00-0001)		
04 43 16 00-0013	LF		12" Wide Marble Stair Treads	79.02	29.75
04 43 16 00-0014	LF		6" Wide Marble Stair Risers	60.65	23.85
04 43 16 00-0015	LF		6" Wide x 2" Thick Marble Window Sills	38.00	17.86
04 43 16 00-0016	LF		5" Wide x 7/8" Thick Marble Window Stool, Polished	68.37	21.92
04 43 16 00-0017	SF		7/8" Thick, Non-Skid, Marble Patio Blocks	45.31	27.68
04 43 16 00-0018			Limestone (04 43 16)		
04 43 16 00-0019			Ashlar Veneer Limestone (04 43 16 00-0018)		
04 43 16 00-0020	SF		4" Ashlar Veneer Limestone, Random Sizes	65.72	29.75
04 43 16 00-0021	SF		6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	98.60	40.88
04 43 16 00-0022			Limestone Coping (04 43 16 00-0018)		
			Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023	SF		2-1/2" Thick Limestone Coping	31.37	10.10
04 43 16 00-0024	SF		3" Thick Limestone Coping	34.87	10.74
04 43 16 00-0025	SF		3-1/2" Thick Limestone Coping	38.37	11.37
04 43 16 00-0026	SF		4" Thick Limestone Coping	40.60	11.75
04 43 16 00-0027	SF		5" Thick Limestone Coping	46.34	12.00
04 43 16 00-0028	SF		6" Thick Limestone Coping	65.21	12.63

<b>04</b>	<b>04</b>	<b>Masonry</b>
	<b>04 40</b>	<b>Stone Assemblies</b>
	<b>04 43</b>	<b>Stone Masonry</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0029 CF >6" Thick Limestone Coping .....	109.88	27.12
<b>04 43 16 00-0030 Limestone Stair Treads (04 43 16 00-0018)</b>		
04 43 16 00-0031 SF 2" Thick Limestone Treads .....	38.60	9.47
04 43 16 00-0032 SF 2-1/2" Thick Limestone Treads .....	40.92	10.10
04 43 16 00-0033 SF 3" Thick Limestone Treads .....	45.56	10.74
04 43 16 00-0034 SF 3-1/2" Thick Limestone Treads .....	48.96	11.37
04 43 16 00-0035 SF 4" Thick Limestone Treads .....	52.34	11.37
04 43 16 00-0036 SF 5" Thick Limestone Treads .....	56.58	12.00
04 43 16 00-0037 SF 6" Thick Limestone Tread, Smooth Finish .....	75.84	12.63
<b>04 43 16 00-0038 Limestone Items (04 43 16 00-0018)</b>		
04 43 16 00-0039 CF Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim .....	204.71	101.69
<b>04 43 16 00-0040 Granite (04 43 16)</b>		
<b>04 43 16 00-0041 Polished Granite Veneer Facing Panels (04 43 16 00-0040)</b>		
Note: Excludes structural support steel.		
04 43 16 00-0042 SF 7/8" Thick Black Polished Granite Veneer Facing Panels .....	122.45	39.53
04 43 16 00-0043 SF 7/8" Thick Gray Polished Granite Veneer Facing Panels .....	111.41	39.53
<b>04 43 16 00-0044 Granite Stair Treads (04 43 16 00-0040)</b>		
04 43 16 00-0045 SF 2" Thick Granite Stair Tread .....	71.66	9.47
<b>04 43 16 00-0046 Slate (04 43 16)</b>		
<b>04 43 16 00-0047 Slate Panels Or Sills (04 43 16 00-0046)</b>		
04 43 16 00-0048 SF 1" Thick Slate Panels .....	67.37	39.53
04 43 16 00-0049 SF 2" Thick Slate Panels .....	76.89	39.53
<b>04 43 16 00-0050 Slate Sills Or Stools (04 43 16 00-0046)</b>		
04 43 16 00-0051 LF 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish .....	31.74	17.97
04 43 16 00-0052 LF 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish .....	37.79	17.97
04 43 16 00-0053 LF 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish .....	36.94	17.97
04 43 16 00-0054 LF 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish .....	49.92	17.97
<b>04 43 16 00-0055 Slate Stair Treads (04 43 16 00-0046)</b>		
04 43 16 00-0056 SF 2" Thick Slate Stair Tread .....	44.49	9.47

**04 50 Refractory Masonry (04)**

**04 51 Flue Liner Masonry (04 50)**

Note: Includes mortar joints.

**04 51 00 00-0001 Rectangular Flue Liners (04 51)**

04 51 00 00-0002 VLF 4" x 8" Clay Flue Liners .....	20.67	
04 51 00 00-0003 VLF 8" x 8" Clay Flue Liners .....	27.92	
04 51 00 00-0004 VLF 8" x 12" Clay Flue Liners .....	32.00	
04 51 00 00-0005 VLF 12" x 12" Clay Flue Liners .....	39.70	
04 51 00 00-0006 VLF 12" x 16" Clay Flue Liners .....	47.84	
04 51 00 00-0007 VLF 12" x 18" Clay Flue Liners .....	54.14	
04 51 00 00-0008 VLF 16" x 16" Clay Flue Liners .....	59.21	
04 51 00 00-0009 VLF 16" x 20" Clay Flue Liners .....	72.29	
04 51 00 00-0010 VLF 18" x 18" Clay Flue Liners .....	77.15	
04 51 00 00-0011 VLF 20" x 20" Clay Flue Liners .....	98.72	
04 51 00 00-0012 VLF 20" x 24" Clay Flue Liners .....	107.45	
04 51 00 00-0013 VLF 24" x 24" Clay Flue Liners .....	126.86	

**04 51 00 00-0014 Round Flue Liners (04 51)**

04 51 00 00-0015 VLF 6" Diameter Clay Flue Liners .....	48.92	
04 51 00 00-0016 VLF 8" Diameter Clay Flue Liners .....	69.78	
04 51 00 00-0017 VLF 10" Diameter Clay Flue Liners .....	91.01	
04 51 00 00-0018 VLF 12" Diameter Clay Flue Liners .....	110.35	
04 51 00 00-0019 VLF 15" Diameter Clay Flue Liners .....	134.62	
04 51 00 00-0020 VLF 18" Diameter Clay Flue Liners .....	145.46	
04 51 00 00-0021 VLF 21" Diameter Clay Flue Liners .....	185.14	
04 51 00 00-0022 VLF 24" Diameter Clay Flue Liners .....	227.01	
04 51 00 00-0023 VLF 27" Diameter Clay Flue Liners .....	261.84	
04 51 00 00-0024 VLF 30" Diameter Clay Flue Liners .....	297.72	
04 51 00 00-0025 VLF 33" Diameter Clay Flue Liners .....	312.84	
04 51 00 00-0026 VLF 36" Diameter Clay Flue Liners .....	317.44	



	<b>Masonry</b>	<b>04</b>
	Refractory Masonry	04 50
	Flue Liner Masonry	04 51

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 51 00 00-0027			<b>Standard Chimney Block</b> <small>(04 51)</small>		
			Note: Includes refractory mortar. Excludes flue liners.		
04 51 00 00-0028	EA		14" x 14" x 8" Concrete Block Chimney Unit.....	36.79	
04 51 00 00-0029	EA		14" x 18" x 8" Concrete Block Chimney Unit.....	40.12	
04 51 00 00-0030	EA		16" x 16" x 8" Concrete Block Chimney Unit.....	40.39	
04 51 00 00-0031	EA		17" x 17" x 8" Concrete Block Chimney Unit.....	42.36	
04 51 00 00-0032	EA		16" x 20" x 8" Concrete Block Chimney Unit.....	44.56	
04 51 00 00-0033	EA		17" x 21" x 8" Concrete Block Chimney Unit.....	46.89	
04 51 00 00-0034	EA		21" x 21" x 8" Concrete Block Chimney Unit.....	52.91	
<b>04 70</b>			<b>Manufactured Masonry</b> <small>(04)</small>		
<b>04 72</b>			<b>Cast Stone Masonry</b> <small>(04 70)</small>		
04 72 00 00-0001			<b>Solid Precast Concrete Lintels</b> <small>(04 72)</small>		
04 72 00 00-0002			<b>Solid Precast Concrete Lintels</b> <small>(04 72 00 00-0001)</small>		
04 72 00 00-0003	LF		4" x 8", Solid Precast Concrete Lintel.....	19.69	
04 72 00 00-0004	LF		6" x 8", Solid Precast Concrete Lintel.....	24.85	
04 72 00 00-0005	LF		8" x 8", Solid Precast Concrete Lintel.....	30.53	
04 72 00 00-0006			<b>U Shaped Precast Concrete Lintels</b> <small>(04 72 00 00-0001)</small>		
			Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
04 72 00 00-0007	LF		6" x 8", U Shaped Precast Concrete Lintel.....	21.09	
04 72 00 00-0008	LF		8" x 8", U Shaped Precast Concrete Lintel.....	25.44	
04 72 00 00-0009	LF		12" x 8", U Shaped Precast Concrete Lintel.....	41.14	
04 72 00 00-0010			<b>Precast Concrete Coping</b> <small>(04 72)</small>		
			Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts. See CSI section 04 30 00 00-0000 for stone coping, 07 62 00 00-0000 for metal copings.		
04 72 00 00-0011			<b>Precast Concrete Coping</b> <small>(04 72 00 00-0010)</small>		
			Note: Measured at highest point.		
04 72 00 00-0012	SF		2" Thick Precast Concrete Coping.....	57.73	14.69
04 72 00 00-0013	SF		2-1/2" Thick Precast Concrete Coping.....	64.17	15.82
04 72 00 00-0014	SF		3" Thick Precast Concrete Coping.....	73.64	16.95
04 72 00 00-0015	SF		3-1/2" Thick Precast Concrete Coping.....	78.63	18.08
04 72 00 00-0016	SF		4" Thick Precast Concrete Coping.....	83.68	19.21
04 72 00 00-0017	SF		5" Thick Precast Concrete Coping.....	98.56	20.34
04 72 00 00-0018	SF		6" Thick Precast Concrete Coping.....	111.48	21.47
04 72 00 00-0019			<b>Precast Concrete Window Sills</b> <small>(04 72)</small>		
			Note: Includes caulk and ties.		
04 72 00 00-0020			<b>Precast Concrete Window Sills</b> <small>(04 72 00 00-0019)</small>		
04 72 00 00-0021	LF		6" Wide Precast Concrete Window Sill.....	41.82	11.30
04 72 00 00-0022	LF		10" Wide Precast Concrete Window Sill.....	60.59	11.30
04 72 00 00-0023	LF		14" Wide Precast Concrete Window Sill.....	70.63	11.30

END OF SECTION 04

04	<b>04</b>	<b>Masonry</b>
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 05 Metals

### 05 01 Maintenance of Metals <sup>(05)</sup>

#### 05 01 50 Maintenance of Metal Fabrications <sup>(05 01)</sup>

- 05 01 50 51 **Cleaning of Metal Fabrications** <sup>(05 01 50)</sup>  
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.
- 05 01 50 61 **Repair of Metal Fabrications** <sup>(05 01 50)</sup>  
See CSI section 05 05 21 00-0001 for welding.
- 05 01 50 63 **Refinishing of Metal Fabrications** <sup>(05 01 50)</sup>  
See CSI section 05 12 23 00-0113 for field applied cold galvanizing, 05 12 23 00-0115 for metal grinding.

#### 05 01 70 Maintenance of Decorative Metal <sup>(05 01)</sup>

- 05 01 70 51 **Cleaning of Decorative Metal** <sup>(05 01 70)</sup>  
See CSI section 09 01 90 52-0016 for cleaning of metal surfaces.
- 05 01 70 61 **Repair of Decorative Metal** <sup>(05 01 70)</sup>  
See CSI section 05 05 21 00-0001 for welding.
- 05 01 70 63 **Refinishing of Decorative Metal** <sup>(05 01 70)</sup>  
See CSI section 05 12 23 00-0113 for field applied cold galvanizing, 05 12 23 00-0115 for metal grinding.

### 05 05 Common Work Results for Metals <sup>(05)</sup>

#### 05 05 19 Post-Installed Concrete Anchors <sup>(05 05)</sup>

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001	Concrete And Masonry Anchors <sup>(05 05 19)</sup>	
05 05 19 00-0002	Expansion Anchors <sup>(05 05 19 00-0001)</sup> Note: Includes drilling.	
05 05 19 00-0003	Wedge Expansion Bolt Anchors <sup>(05 05 19 00-0002)</sup>	
05 05 19 00-0004	Zinc Plated Steel, Wedge Anchor Expansion Bolt <sup>(05 05 19 00-0003)</sup> Note: Includes nut and washer.	
05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.73
	For >10 To 50, Deduct	-0.59
	For >50 To 100, Deduct	-1.20
	For >100, Deduct	-2.39
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	12.89
	For >10 To 50, Deduct	-0.59
	For >50 To 100, Deduct	-1.20
	For >100, Deduct	-2.40
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	13.32
	For >10 To 50, Deduct	-0.60
	For >50 To 100, Deduct	-1.24
	For >100, Deduct	-2.47
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	15.70
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.46
	For >100, Deduct	-2.93
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	15.81
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.47
	For >100, Deduct	-2.93
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	15.85
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.47
	For >100, Deduct	-2.93
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	16.31
	For >10 To 50, Deduct	-0.71
	For >50 To 100, Deduct	-1.48
	For >100, Deduct	-2.95
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	22.86
	For >10 To 50, Deduct	-1.01
	For >50 To 100, Deduct	-2.09
	For >100, Deduct	-4.19
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	22.95
	For >10 To 50, Deduct	-1.01
	For >50 To 100, Deduct	-2.09
	For >100, Deduct	-4.19
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	23.14
	For >10 To 50, Deduct	-1.01
	For >50 To 100, Deduct	-2.10
	For >100, Deduct	-4.20
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	23.66
	For >10 To 50, Deduct	-1.01
	For >50 To 100, Deduct	-2.11
	For >100, Deduct	-4.23



**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	24.36	
	<i>For &gt;10 To 50, Deduct</i>	-1.01	
	<i>For &gt;50 To 100, Deduct</i>	-2.13	
	<i>For &gt;100, Deduct</i>	-4.26	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	30.23	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.63	
	<i>For &gt;100, Deduct</i>	-5.27	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	30.38	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.64	
	<i>For &gt;100, Deduct</i>	-5.27	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	30.70	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.64	
	<i>For &gt;100, Deduct</i>	-5.29	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.33	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.66	
	<i>For &gt;100, Deduct</i>	-5.32	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	31.95	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.68	
	<i>For &gt;100, Deduct</i>	-5.35	
05 05 19 00-0022	EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	36.90	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.80	
	<i>For &gt;100, Deduct</i>	-5.60	
05 05 19 00-0023	EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	41.15	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.91	
	<i>For &gt;100, Deduct</i>	-5.81	
05 05 19 00-0024	EA 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	36.66	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.15	
	<i>For &gt;100, Deduct</i>	-6.30	
05 05 19 00-0025	EA 3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	36.79	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.15	
	<i>For &gt;100, Deduct</i>	-6.31	
05 05 19 00-0026	EA 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	37.55	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.17	
	<i>For &gt;100, Deduct</i>	-6.35	
05 05 19 00-0027	EA 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	38.46	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.20	
	<i>For &gt;100, Deduct</i>	-6.39	
05 05 19 00-0028	EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	39.50	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.22	
	<i>For &gt;100, Deduct</i>	-6.44	
05 05 19 00-0029	EA 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	43.46	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.32	
	<i>For &gt;100, Deduct</i>	-6.64	
05 05 19 00-0030	EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	48.74	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.45	
	<i>For &gt;100, Deduct</i>	-6.91	
05 05 19 00-0031	EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	54.69	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.60	
	<i>For &gt;100, Deduct</i>	-7.20	
05 05 19 00-0032	EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	51.95	
	<i>For &gt;10 To 50, Deduct</i>	-1.62	
	<i>For &gt;50 To 100, Deduct</i>	-3.72	
	<i>For &gt;100, Deduct</i>	-7.45	
05 05 19 00-0033	EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	55.08	
	<i>For &gt;10 To 50, Deduct</i>	-1.62	
	<i>For &gt;50 To 100, Deduct</i>	-3.80	
	<i>For &gt;100, Deduct</i>	-7.60	
05 05 19 00-0034	EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	59.23	
	<i>For &gt;10 To 50, Deduct</i>	-1.62	
	<i>For &gt;50 To 100, Deduct</i>	-3.90	
	<i>For &gt;100, Deduct</i>	-7.81	
05 05 19 00-0035	EA 1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	63.66	
	<i>For &gt;10 To 50, Deduct</i>	-2.09	
	<i>For &gt;50 To 100, Deduct</i>	-4.73	
	<i>For &gt;100, Deduct</i>	-9.46	
05 05 19 00-0036	EA 1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	69.56	
	<i>For &gt;10 To 50, Deduct</i>	-2.09	
	<i>For &gt;50 To 100, Deduct</i>	-4.88	
	<i>For &gt;100, Deduct</i>	-9.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0037 EA 1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	75.40	
<i>For &gt;10 To 50, Deduct</i>	-2.09	
<i>For &gt;50 To 100, Deduct</i>	-5.02	
<i>For &gt;100, Deduct</i>	-10.04	
05 05 19 00-0038 EA 1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	83.27	
<i>For &gt;10 To 50, Deduct</i>	-2.68	
<i>For &gt;50 To 100, Deduct</i>	-6.10	
<i>For &gt;100, Deduct</i>	-12.20	
05 05 19 00-0039 EA 1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt .....	87.48	
<i>For &gt;10 To 50, Deduct</i>	-2.68	
<i>For &gt;50 To 100, Deduct</i>	-6.20	
<i>For &gt;100, Deduct</i>	-12.41	
<b>05 05 19 00-0040 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0003)</small>		
Note: Includes nut and washer.		
05 05 19 00-0041 EA 1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.92	
<i>For &gt;10 To 50, Deduct</i>	-0.59	
<i>For &gt;50 To 100, Deduct</i>	-1.23	
<i>For &gt;100, Deduct</i>	-2.45	
05 05 19 00-0042 EA 1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.43	
<i>For &gt;10 To 50, Deduct</i>	-0.59	
<i>For &gt;50 To 100, Deduct</i>	-1.24	
<i>For &gt;100, Deduct</i>	-2.48	
05 05 19 00-0043 EA 1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.08	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.28	
<i>For &gt;100, Deduct</i>	-2.56	
05 05 19 00-0044 EA 3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.97	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.52	
<i>For &gt;100, Deduct</i>	-3.04	
05 05 19 00-0045 EA 3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.41	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.53	
<i>For &gt;100, Deduct</i>	-3.06	
05 05 19 00-0046 EA 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.72	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.54	
<i>For &gt;100, Deduct</i>	-3.08	
05 05 19 00-0047 EA 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.11	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.60	
<i>For &gt;100, Deduct</i>	-3.19	
05 05 19 00-0048 EA 1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.03	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.22	
<i>For &gt;100, Deduct</i>	-4.44	
05 05 19 00-0049 EA 1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.86	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.24	
<i>For &gt;100, Deduct</i>	-4.49	
05 05 19 00-0050 EA 1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.34	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.25	
<i>For &gt;100, Deduct</i>	-4.51	
05 05 19 00-0051 EA 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.52	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.31	
<i>For &gt;100, Deduct</i>	-4.62	
05 05 19 00-0052 EA 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.80	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.39	
<i>For &gt;100, Deduct</i>	-4.78	
05 05 19 00-0053 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	40.74	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.90	
<i>For &gt;100, Deduct</i>	-5.79	
05 05 19 00-0054 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.88	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.95	
<i>For &gt;100, Deduct</i>	-5.90	
05 05 19 00-0055 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	45.18	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.01	
<i>For &gt;100, Deduct</i>	-6.01	
05 05 19 00-0056 EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.25	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.08	
<i>For &gt;100, Deduct</i>	-6.17	
05 05 19 00-0057 EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	61.71	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.42	
<i>For &gt;100, Deduct</i>	-6.84	

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0058	EA 3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.66	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.45	
	For >100, Deduct	-6.90	
05 05 19 00-0059	EA 3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	52.99	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.56	
	For >100, Deduct	-7.12	
05 05 19 00-0060	EA 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	56.69	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.65	
	For >100, Deduct	-7.30	
05 05 19 00-0061	EA 3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.15	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.66	
	For >100, Deduct	-7.33	
05 05 19 00-0062	EA 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	60.62	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.75	
	For >100, Deduct	-7.50	
05 05 19 00-0063	EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	69.64	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-3.98	
	For >100, Deduct	-7.95	
05 05 19 00-0064	EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	82.36	
	For >10 To 50, Deduct	-1.49	
	For >50 To 100, Deduct	-4.29	
	For >100, Deduct	-8.59	
05 05 19 00-0065	EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	82.53	
	For >10 To 50, Deduct	-1.62	
	For >50 To 100, Deduct	-4.49	
	For >100, Deduct	-8.97	
05 05 19 00-0066	EA 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	120.58	
	For >10 To 50, Deduct	-2.09	
	For >50 To 100, Deduct	-6.15	
	For >100, Deduct	-12.30	
05 05 19 00-0067	EA 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	139.39	
	For >10 To 50, Deduct	-2.09	
	For >50 To 100, Deduct	-6.62	
	For >100, Deduct	-13.24	
<b>05 05 19 00-0068</b>	<b>316 Stainless Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0063)</small>		
	Note: Includes nut and washer.		
05 05 19 00-0069	EA 1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.36	
	For >10 To 50, Deduct	-0.59	
	For >50 To 100, Deduct	-1.24	
	For >100, Deduct	-2.48	
05 05 19 00-0070	EA 1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.27	
	For >10 To 50, Deduct	-0.60	
	For >50 To 100, Deduct	-1.29	
	For >100, Deduct	-2.57	
05 05 19 00-0071	EA 3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.40	
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.56	
	For >100, Deduct	-3.11	
05 05 19 00-0072	EA 3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.15	
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.57	
	For >100, Deduct	-3.15	
05 05 19 00-0073	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.34	
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.58	
	For >100, Deduct	-3.16	
05 05 19 00-0074	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.95	
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.67	
	For >100, Deduct	-3.34	
05 05 19 00-0075	EA 1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	31.48	
	For >10 To 50, Deduct	-1.01	
	For >50 To 100, Deduct	-2.31	
	For >100, Deduct	-4.62	
05 05 19 00-0076	EA 1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	33.58	
	For >10 To 50, Deduct	-1.01	
	For >50 To 100, Deduct	-2.36	
	For >100, Deduct	-4.72	
05 05 19 00-0077	EA 1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	37.39	
	For >10 To 50, Deduct	-1.01	
	For >50 To 100, Deduct	-2.46	
	For >100, Deduct	-4.91	
05 05 19 00-0078	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	38.34	
	For >10 To 50, Deduct	-1.01	
	For >50 To 100, Deduct	-2.48	
	For >100, Deduct	-4.96	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0079 EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	52.41	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.19	
<i>For &gt;100, Deduct</i>	-6.38	
05 05 19 00-0080 EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	53.55	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.22	
<i>For &gt;100, Deduct</i>	-6.43	
05 05 19 00-0081 EA 3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	64.97	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.86	
<i>For &gt;100, Deduct</i>	-7.72	
05 05 19 00-0082 EA 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	69.73	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.98	
<i>For &gt;100, Deduct</i>	-7.96	
<b>05 05 19 00-0083 Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt</b> <small>(05 05 19 00-0003)</small>		
Note: Includes nut and washer.		
05 05 19 00-0084 EA 1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	26.07	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.17	
<i>For &gt;100, Deduct</i>	-4.35	
05 05 19 00-0085 EA 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	27.59	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.21	
<i>For &gt;100, Deduct</i>	-4.42	
05 05 19 00-0086 EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	29.12	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.25	
<i>For &gt;100, Deduct</i>	-4.50	
05 05 19 00-0087 EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	29.88	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.27	
<i>For &gt;100, Deduct</i>	-4.54	
05 05 19 00-0088 EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	36.00	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.78	
<i>For &gt;100, Deduct</i>	-5.55	
05 05 19 00-0089 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	34.17	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.73	
<i>For &gt;100, Deduct</i>	-5.46	
05 05 19 00-0090 EA 3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	46.87	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.41	
<i>For &gt;100, Deduct</i>	-6.81	
05 05 19 00-0091 EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	48.55	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.45	
<i>For &gt;100, Deduct</i>	-6.90	
05 05 19 00-0092 EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	56.79	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.65	
<i>For &gt;100, Deduct</i>	-7.31	
05 05 19 00-0093 EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	59.40	
<i>For &gt;10 To 50, Deduct</i>	-2.09	
<i>For &gt;50 To 100, Deduct</i>	-4.62	
<i>For &gt;100, Deduct</i>	-9.24	
05 05 19 00-0094 EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	64.15	
<i>For &gt;10 To 50, Deduct</i>	-2.09	
<i>For &gt;50 To 100, Deduct</i>	-4.74	
<i>For &gt;100, Deduct</i>	-9.48	
05 05 19 00-0095 EA 1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	68.85	
<i>For &gt;10 To 50, Deduct</i>	-2.09	
<i>For &gt;50 To 100, Deduct</i>	-4.86	
<i>For &gt;100, Deduct</i>	-9.72	
<b>05 05 19 00-0096 Concrete Sleeve Anchors</b> <small>(05 05 19 00-0002)</small>		
<b>05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors</b> <small>(05 05 19 00-0096)</small>		
Note: Includes nut and washer.		
05 05 19 00-0098 EA 1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	12.72	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100, Deduct</i>	-2.43	
05 05 19 00-0099 EA 1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	12.94	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100, Deduct</i>	-2.44	
05 05 19 00-0100 EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor.....	13.22	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.23	
<i>For &gt;100, Deduct</i>	-2.46	

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0101	EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	13.42	
	For>10 To 50, Deduct	-0.63	
	For>50 To 100, Deduct	-1.28	
	For>100, Deduct	-2.56	
05 05 19 00-0102	EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	13.63	
	For>10 To 50, Deduct	-0.63	
	For>50 To 100, Deduct	-1.28	
	For>100, Deduct	-2.57	
05 05 19 00-0103	EA 3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	15.22	
	For>10 To 50, Deduct	-0.71	
	For>50 To 100, Deduct	-1.45	
	For>100, Deduct	-2.90	
05 05 19 00-0104	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	15.61	
	For>10 To 50, Deduct	-0.71	
	For>50 To 100, Deduct	-1.46	
	For>100, Deduct	-2.92	
05 05 19 00-0105	EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	15.97	
	For>10 To 50, Deduct	-0.71	
	For>50 To 100, Deduct	-1.47	
	For>100, Deduct	-2.94	
05 05 19 00-0106	EA 1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	22.03	
	For>10 To 50, Deduct	-1.01	
	For>50 To 100, Deduct	-2.07	
	For>100, Deduct	-4.14	
05 05 19 00-0107	EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	22.50	
	For>10 To 50, Deduct	-1.01	
	For>50 To 100, Deduct	-2.08	
	For>100, Deduct	-4.16	
05 05 19 00-0108	EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	22.92	
	For>10 To 50, Deduct	-1.01	
	For>50 To 100, Deduct	-2.09	
	For>100, Deduct	-4.19	
05 05 19 00-0109	EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	23.41	
	For>10 To 50, Deduct	-1.01	
	For>50 To 100, Deduct	-2.10	
	For>100, Deduct	-4.21	
05 05 19 00-0110	EA 5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	27.75	
	For>10 To 50, Deduct	-1.25	
	For>50 To 100, Deduct	-2.57	
	For>100, Deduct	-5.14	
05 05 19 00-0111	EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	28.47	
	For>10 To 50, Deduct	-1.25	
	For>50 To 100, Deduct	-2.59	
	For>100, Deduct	-5.18	
05 05 19 00-0112	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	29.02	
	For>10 To 50, Deduct	-1.25	
	For>50 To 100, Deduct	-2.60	
	For>100, Deduct	-5.20	
05 05 19 00-0113	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	30.58	
	For>10 To 50, Deduct	-1.25	
	For>50 To 100, Deduct	-2.64	
	For>100, Deduct	-5.28	
05 05 19 00-0114	EA 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	34.33	
	For>10 To 50, Deduct	-1.49	
	For>50 To 100, Deduct	-3.09	
	For>100, Deduct	-6.18	
05 05 19 00-0115	EA 3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	35.68	
	For>10 To 50, Deduct	-1.49	
	For>50 To 100, Deduct	-3.13	
	For>100, Deduct	-6.25	
05 05 19 00-0116	EA 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	36.89	
	For>10 To 50, Deduct	-1.49	
	For>50 To 100, Deduct	-3.16	
	For>100, Deduct	-6.31	
05 05 19 00-0117	EA 3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor .....	38.83	
	For>10 To 50, Deduct	-1.49	
	For>50 To 100, Deduct	-3.20	
	For>100, Deduct	-6.41	
05 05 19 00-0118	<b>304/18-8 Stainless Steel, Concrete Sleeve Anchors</b> (05 05 19 00-0096)		
	Note: Includes nut and washer.		
05 05 19 00-0119	EA 1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....	14.71	
	For>10 To 50, Deduct	-0.60	
	For>50 To 100, Deduct	-1.27	
	For>100, Deduct	-2.53	
05 05 19 00-0120	EA 3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....	19.37	
	For>10 To 50, Deduct	-0.71	
	For>50 To 100, Deduct	-1.55	
	For>100, Deduct	-3.11	
05 05 19 00-0121	EA 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....	21.39	
	For>10 To 50, Deduct	-0.71	
	For>50 To 100, Deduct	-1.60	
	For>100, Deduct	-3.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0122 EA 1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....	28.93	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.24	
<i>For &gt;100, Deduct</i>	-4.49	
05 05 19 00-0123 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor.....	32.57	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.33	
<i>For &gt;100, Deduct</i>	-4.67	
05 05 19 00-0124 EA 5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor .....	44.84	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.00	
<i>For &gt;100, Deduct</i>	-6.00	
<b>05 05 19 00-0125 Concrete Strike Anchors</b> <small>(05 05 19 00-0002)</small>		
Note: Includes nut and washer.		
05 05 19 00-0126 EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	13.82	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.24	
<i>For &gt;100, Deduct</i>	-2.49	
05 05 19 00-0127 EA 1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor.....	14.20	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.25	
<i>For &gt;100, Deduct</i>	-2.51	
05 05 19 00-0128 EA 5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	14.78	
<i>For &gt;10 To 50, Deduct</i>	-0.63	
<i>For &gt;50 To 100, Deduct</i>	-1.31	
<i>For &gt;100, Deduct</i>	-2.63	
05 05 19 00-0129 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.35	
<i>For &gt;10 To 50, Deduct</i>	-0.63	
<i>For &gt;50 To 100, Deduct</i>	-1.35	
<i>For &gt;100, Deduct</i>	-2.70	
05 05 19 00-0130 EA 3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.93	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.49	
<i>For &gt;100, Deduct</i>	-2.99	
05 05 19 00-0131 EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	18.11	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.52	
<i>For &gt;100, Deduct</i>	-3.04	
05 05 19 00-0132 EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor .....	19.02	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.55	
<i>For &gt;100, Deduct</i>	-3.09	
05 05 19 00-0133 EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	24.94	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.14	
<i>For &gt;100, Deduct</i>	-4.29	
05 05 19 00-0134 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	25.65	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.16	
<i>For &gt;100, Deduct</i>	-4.32	
05 05 19 00-0135 EA 1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	27.71	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.21	
<i>For &gt;100, Deduct</i>	-4.42	
05 05 19 00-0136 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	30.39	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.28	
<i>For &gt;100, Deduct</i>	-4.56	
05 05 19 00-0137 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor .....	33.95	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.73	
<i>For &gt;100, Deduct</i>	-5.45	
05 05 19 00-0138 EA 5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	36.42	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.79	
<i>For &gt;100, Deduct</i>	-5.57	
05 05 19 00-0139 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	38.60	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.84	
<i>For &gt;100, Deduct</i>	-5.68	
05 05 19 00-0140 EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor .....	44.63	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.35	
<i>For &gt;100, Deduct</i>	-6.70	
05 05 19 00-0141 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor .....	46.94	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.41	
<i>For &gt;100, Deduct</i>	-6.81	
05 05 19 00-0142 Multi-Set Drop-In Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors <small>(05 05 19 00-0142)</small>		
Note: Excludes bolt, nut and washer.		



**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0144	EA 1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	17.66	
	<i>For &gt;10 To 50, Deduct</i>	-0.83	
	<i>For &gt;50 To 100, Deduct</i>	-1.69	
	<i>For &gt;100, Deduct</i>	-3.39	
05 05 19 00-0145	EA 3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	21.63	
	<i>For &gt;10 To 50, Deduct</i>	-1.02	
	<i>For &gt;50 To 100, Deduct</i>	-2.07	
	<i>For &gt;100, Deduct</i>	-4.13	
05 05 19 00-0146	EA 1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	26.73	
	<i>For &gt;10 To 50, Deduct</i>	-1.20	
	<i>For &gt;50 To 100, Deduct</i>	-2.47	
	<i>For &gt;100, Deduct</i>	-4.93	
05 05 19 00-0147	EA 5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	30.68	
	<i>For &gt;10 To 50, Deduct</i>	-1.32	
	<i>For &gt;50 To 100, Deduct</i>	-2.74	
	<i>For &gt;100, Deduct</i>	-5.49	
05 05 19 00-0148	EA 3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	37.42	
	<i>For &gt;10 To 50, Deduct</i>	-1.50	
	<i>For &gt;50 To 100, Deduct</i>	-3.18	
	<i>For &gt;100, Deduct</i>	-6.37	
<b>05 05 19 00-0149</b>	<b>304/18-8 Stainless Steel, Multi-Set Drop-In Anchors</b> (05 05 19 00-0142)		
	Note: Excludes bolt, nut and washer.		
05 05 19 00-0150	EA 1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	21.81	
	<i>For &gt;10 To 50, Deduct</i>	-0.83	
	<i>For &gt;50 To 100, Deduct</i>	-1.80	
	<i>For &gt;100, Deduct</i>	-3.59	
05 05 19 00-0151	EA 3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	29.52	
	<i>For &gt;10 To 50, Deduct</i>	-1.02	
	<i>For &gt;50 To 100, Deduct</i>	-2.26	
	<i>For &gt;100, Deduct</i>	-4.53	
05 05 19 00-0152	EA 1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	37.02	
	<i>For &gt;10 To 50, Deduct</i>	-1.20	
	<i>For &gt;50 To 100, Deduct</i>	-2.72	
	<i>For &gt;100, Deduct</i>	-5.45	
05 05 19 00-0153	EA 5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	47.25	
	<i>For &gt;10 To 50, Deduct</i>	-1.32	
	<i>For &gt;50 To 100, Deduct</i>	-3.16	
	<i>For &gt;100, Deduct</i>	-6.31	
05 05 19 00-0154	EA 3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor.....	65.91	
	<i>For &gt;10 To 50, Deduct</i>	-1.50	
	<i>For &gt;50 To 100, Deduct</i>	-3.90	
	<i>For &gt;100, Deduct</i>	-7.79	
<b>05 05 19 00-0155</b>	<b>Single Bolt Expansion Anchors</b> (05 05 19 00-0002)		
	Note: Excludes bolt, nut and washer.		
05 05 19 00-0156	EA 1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	13.05	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.22	
	<i>For &gt;100, Deduct</i>	-2.45	
05 05 19 00-0157	EA 5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	14.04	
	<i>For &gt;10 To 50, Deduct</i>	-0.63	
	<i>For &gt;50 To 100, Deduct</i>	-1.29	
	<i>For &gt;100, Deduct</i>	-2.59	
05 05 19 00-0158	EA 3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	15.89	
	<i>For &gt;10 To 50, Deduct</i>	-0.71	
	<i>For &gt;50 To 100, Deduct</i>	-1.47	
	<i>For &gt;100, Deduct</i>	-2.93	
05 05 19 00-0159	EA 1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	23.41	
	<i>For &gt;10 To 50, Deduct</i>	-1.01	
	<i>For &gt;50 To 100, Deduct</i>	-2.10	
	<i>For &gt;100, Deduct</i>	-4.21	
05 05 19 00-0160	EA 5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	33.65	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.72	
	<i>For &gt;100, Deduct</i>	-5.44	
05 05 19 00-0161	EA 3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor.....	40.76	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.25	
	<i>For &gt;100, Deduct</i>	-6.51	
<b>05 05 19 00-0162</b>	<b>Concrete Lag Shield Anchors</b> (05 05 19 00-0002)		
	Note: Excludes lag bolt and washer.		
05 05 19 00-0163	EA 1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	13.01	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.22	
	<i>For &gt;100, Deduct</i>	-2.45	
05 05 19 00-0164	EA 5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor.....	15.49	
	<i>For &gt;10 To 50, Deduct</i>	-0.71	
	<i>For &gt;50 To 100, Deduct</i>	-1.46	
	<i>For &gt;100, Deduct</i>	-2.91	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0165 EA 3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor .....	16.32	
<i>For &gt;10 To 50, Deduct</i>	-0.71	
<i>For &gt;50 To 100, Deduct</i>	-1.48	
<i>For &gt;100, Deduct</i>	-2.96	
05 05 19 00-0166 EA 1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor .....	22.96	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.09	
<i>For &gt;100, Deduct</i>	-4.19	
05 05 19 00-0167 EA 5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor .....	32.17	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.68	
<i>For &gt;100, Deduct</i>	-5.36	
05 05 19 00-0168 EA 3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor .....	35.43	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.12	
<i>For &gt;100, Deduct</i>	-6.24	
<b>05 05 19 00-0169 Chemical And Adhesive Anchors</b> <small>(05 05 19 00-0001)</small>		
<b>05 05 19 00-0170 Chemically Adhered Anchor Rods</b> <small>(05 05 19 00-0169)</small>		
<small>Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.</small>		
05 05 19 00-0171 EA 1/4" x 1-9/16" Long Chemically Adhered Anchor Rod .....	17.55	
<i>For &gt;10 To 50, Deduct</i>	-0.66	
<i>For &gt;50 To 100, Deduct</i>	-1.43	
<i>For &gt;100, Deduct</i>	-2.85	
05 05 19 00-0172 EA 5/16" x 2-3/8" Long Chemically Adhered Anchor Rod .....	20.75	
<i>For &gt;10 To 50, Deduct</i>	-0.72	
<i>For &gt;50 To 100, Deduct</i>	-1.60	
<i>For &gt;100, Deduct</i>	-3.19	
05 05 19 00-0173 EA 3/8" x 2-3/4" Long Chemically Adhered Anchor Rod .....	25.71	
<i>For &gt;10 To 50, Deduct</i>	-0.90	
<i>For &gt;50 To 100, Deduct</i>	-1.99	
<i>For &gt;100, Deduct</i>	-3.98	
05 05 19 00-0174 EA 1/2" x 3-11/16" Long Chemically Adhered Anchor Rod .....	30.46	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.28	
<i>For &gt;100, Deduct</i>	-4.56	
05 05 19 00-0175 EA 1/2" x 5-1/2" Long Chemically Adhered Anchor Rod .....	32.79	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.34	
<i>For &gt;100, Deduct</i>	-4.68	
05 05 19 00-0176 EA 5/8" x 7" Long Chemically Adhered Anchor Rod .....	40.58	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-2.89	
<i>For &gt;100, Deduct</i>	-5.78	
05 05 19 00-0177 EA 3/4" x 9-1/2" Long Chemically Adhered Anchor Rod .....	53.88	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.58	
<i>For &gt;100, Deduct</i>	-7.16	
05 05 19 00-0178 EA 7/8" x 10" Long Chemically Adhered Anchor Rod .....	65.17	
<i>For &gt;10 To 50, Deduct</i>	-1.61	
<i>For &gt;50 To 100, Deduct</i>	-4.05	
<i>For &gt;100, Deduct</i>	-8.09	
05 05 19 00-0179 EA 1" x 11-3/4" Long Chemically Adhered Anchor Rod .....	90.01	
<i>For &gt;10 To 50, Deduct</i>	-2.09	
<i>For &gt;50 To 100, Deduct</i>	-5.39	
<i>For &gt;100, Deduct</i>	-10.77	
05 05 19 00-0180 EA 1-1/4" x 14" Long Chemically Adhered Anchor Rod .....	132.35	
<i>For &gt;10 To 50, Deduct</i>	-2.64	
<i>For &gt;50 To 100, Deduct</i>	-7.26	
<i>For &gt;100, Deduct</i>	-14.53	
<b>05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod</b> <small>(05 05 19 00-0169)</small>		
<small>Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger than the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.</small>		
05 05 19 00-0182 EA 5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	15.06	
<i>For &gt;10 To 50, Deduct</i>	-0.72	
<i>For &gt;50 To 100, Deduct</i>	-1.46	
<i>For &gt;100, Deduct</i>	-2.91	
05 05 19 00-0183 EA 3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	17.68	
<i>For &gt;10 To 50, Deduct</i>	-0.84	
<i>For &gt;50 To 100, Deduct</i>	-1.70	
<i>For &gt;100, Deduct</i>	-3.40	
05 05 19 00-0184 EA 1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	21.53	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.06	
<i>For &gt;100, Deduct</i>	-4.12	
05 05 19 00-0185 EA 5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod .....	24.79	
<i>For &gt;10 To 50, Deduct</i>	-1.09	
<i>For &gt;50 To 100, Deduct</i>	-2.25	
<i>For &gt;100, Deduct</i>	-4.49	

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0186	EA 3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	32.01	
	<i>For &gt;10 To 50, Deduct</i>	-1.33	
	<i>For &gt;50 To 100, Deduct</i>	-2.80	
	<i>For &gt;100, Deduct</i>	-5.59	
05 05 19 00-0187	EA 7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	35.73	
	<i>For &gt;10 To 50, Deduct</i>	-1.43	
	<i>For &gt;50 To 100, Deduct</i>	-3.03	
	<i>For &gt;100, Deduct</i>	-6.06	
05 05 19 00-0188	EA 1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	45.22	
	<i>For &gt;10 To 50, Deduct</i>	-1.72	
	<i>For &gt;50 To 100, Deduct</i>	-3.71	
	<i>For &gt;100, Deduct</i>	-7.42	
05 05 19 00-0189	EA 1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	50.58	
	<i>For &gt;10 To 50, Deduct</i>	-1.86	
	<i>For &gt;50 To 100, Deduct</i>	-4.06	
	<i>For &gt;100, Deduct</i>	-8.12	
05 05 19 00-0190	EA 1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	59.50	
	<i>For &gt;10 To 50, Deduct</i>	-2.11	
	<i>For &gt;50 To 100, Deduct</i>	-4.65	
	<i>For &gt;100, Deduct</i>	-9.30	
05 05 19 00-0191	EA 1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	67.65	
	<i>For &gt;10 To 50, Deduct</i>	-2.30	
	<i>For &gt;50 To 100, Deduct</i>	-5.14	
	<i>For &gt;100, Deduct</i>	-10.29	
05 05 19 00-0192	EA 1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	78.95	
	<i>For &gt;10 To 50, Deduct</i>	-2.51	
	<i>For &gt;50 To 100, Deduct</i>	-5.73	
	<i>For &gt;100, Deduct</i>	-11.46	
05 05 19 00-0193	EA 1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	102.12	
	<i>For &gt;10 To 50, Deduct</i>	-2.94	
	<i>For &gt;50 To 100, Deduct</i>	-6.97	
	<i>For &gt;100, Deduct</i>	-13.93	
05 05 19 00-0194	EA 2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	157.61	
	<i>For &gt;10 To 50, Deduct</i>	-3.55	
	<i>For &gt;50 To 100, Deduct</i>	-9.27	
	<i>For &gt;100, Deduct</i>	-18.54	
<b>05 05 19 00-0195</b>	<b>Grout Concrete Anchor Bolt Or Threaded Rod</b> (05 05 19 00-0169)		
05 05 19 00-0196	EA Grout Concrete Anchor Bolt or Threaded Rod.....	6.03	
	<i>For &gt;10 To 50, Deduct</i>	-0.29	
	<i>For &gt;50 To 100, Deduct</i>	-0.59	
	<i>For &gt;100, Deduct</i>	-1.18	
<b>05 05 19 00-0197</b>	<b>Other Concrete And Masonry Anchors</b> (05 05 19 00-0001)		
<b>05 05 19 00-0198</b>	<b>Tapcon Masonry Screws</b> (05 05 19 00-0197)		
	Note: Includes drilling. Countersunk or hex head.		
05 05 19 00-0199	EA 3/16" x 1-1/4" Tapcon Masonry Screw.....	12.41	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.21	
	<i>For &gt;100, Deduct</i>	-2.42	
05 05 19 00-0200	EA 3/16" x 2-1/4" Tapcon Masonry Screw.....	12.53	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.21	
	<i>For &gt;100, Deduct</i>	-2.42	
05 05 19 00-0201	EA 3/16" x 3-1/4" Tapcon Masonry Screw.....	12.78	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.22	
	<i>For &gt;100, Deduct</i>	-2.44	
05 05 19 00-0202	EA 1/4" x 1-1/4" Tapcon Masonry Screw.....	12.55	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.21	
	<i>For &gt;100, Deduct</i>	-2.42	
05 05 19 00-0203	EA 1/4" x 2-1/4" Tapcon Masonry Screw.....	12.69	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.22	
	<i>For &gt;100, Deduct</i>	-2.43	
05 05 19 00-0204	EA 1/4" x 3-1/4" Tapcon Masonry Screw.....	12.98	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.22	
	<i>For &gt;100, Deduct</i>	-2.45	
<b>05 05 19 00-0205</b>	<b>Large Diameter, Self-Threading Concrete Fasteners</b> (05 05 19 00-0197)		
	Note: Includes drilling. Zinc plated.		
05 05 19 00-0206	EA 3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....	13.84	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.24	
	<i>For &gt;100, Deduct</i>	-2.49	
05 05 19 00-0207	EA 3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	14.51	
	<i>For &gt;10 To 50, Deduct</i>	-0.60	
	<i>For &gt;50 To 100, Deduct</i>	-1.26	
	<i>For &gt;100, Deduct</i>	-2.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0208 EA 3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	14.69	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.27	
<i>For &gt;100, Deduct</i>	-2.53	
05 05 19 00-0209 EA 3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	15.02	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.27	
<i>For &gt;100, Deduct</i>	-2.55	
05 05 19 00-0210 EA 3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	15.29	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.28	
<i>For &gt;100, Deduct</i>	-2.56	
05 05 19 00-0211 EA 1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	15.87	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.30	
<i>For &gt;100, Deduct</i>	-2.59	
05 05 19 00-0212 EA 1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	16.59	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.31	
<i>For &gt;100, Deduct</i>	-2.63	
05 05 19 00-0213 EA 1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....	17.25	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.33	
<i>For &gt;100, Deduct</i>	-2.66	
05 05 19 00-0214 EA 1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	19.10	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.38	
<i>For &gt;100, Deduct</i>	-2.75	
05 05 19 00-0215 EA 5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	19.32	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.38	
<i>For &gt;100, Deduct</i>	-2.76	
05 05 19 00-0216 EA 5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	20.45	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.41	
<i>For &gt;100, Deduct</i>	-2.82	
05 05 19 00-0217 EA 5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	21.61	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.44	
<i>For &gt;100, Deduct</i>	-2.88	
05 05 19 00-0218 EA 5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	22.36	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.46	
<i>For &gt;100, Deduct</i>	-2.92	
05 05 19 00-0219 EA 3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	22.03	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.45	
<i>For &gt;100, Deduct</i>	-2.90	
05 05 19 00-0220 EA 3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	23.10	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.48	
<i>For &gt;100, Deduct</i>	-2.95	
05 05 19 00-0221 EA 3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	25.61	
<i>For &gt;10 To 50, Deduct</i>	-0.60	
<i>For &gt;50 To 100, Deduct</i>	-1.54	
<i>For &gt;100, Deduct</i>	-3.08	
<b>05 05 19 00-0222 Pin Bolt Drives (05 05 19 00-0197)</b>		
Note: Includes drilling. Zinc plated.		
05 05 19 00-0223 EA 1/4" x 1" Pin Bolt Drive.....	7.85	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100, Deduct</i>	-1.47	
05 05 19 00-0224 EA 1/4" x 1-1/4" Pin Bolt Drive.....	7.85	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100, Deduct</i>	-1.47	
05 05 19 00-0225 EA 1/4" x 1-1/2" Pin Bolt Drive.....	7.94	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100, Deduct</i>	-1.48	
05 05 19 00-0226 EA 1/4" x 2" Pin Bolt Drive.....	7.96	
<i>For &gt;10 To 50, Deduct</i>	-0.36	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100, Deduct</i>	-1.48	
<b>05 05 19 00-0227 Powder Actuated, Shot-In Place Anchors (05 05 19 00-0197)</b>		
05 05 19 00-0228 EA 0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor.....	2.03	
<i>For &gt;10 To 50, Deduct</i>	-0.08	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For &gt;100, Deduct</i>	-0.34	

**05 Metals****05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0229	EA 0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor .....	2.15	
	<i>For &gt;10 To 50, Deduct</i>	-0.08	
	<i>For &gt;50 To 100, Deduct</i>	-0.18	
	<i>For &gt;100, Deduct</i>	-0.36	
05 05 19 00-0230	EA 0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor .....	2.34	
	<i>For &gt;10 To 50, Deduct</i>	-0.09	
	<i>For &gt;50 To 100, Deduct</i>	-0.19	
	<i>For &gt;100, Deduct</i>	-0.39	
05 05 19 00-0231	EA 0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor .....	2.63	
	<i>For &gt;10 To 50, Deduct</i>	-0.10	
	<i>For &gt;50 To 100, Deduct</i>	-0.21	
	<i>For &gt;100, Deduct</i>	-0.42	
05 05 19 00-0232	EA 0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor .....	2.81	
	<i>For &gt;10 To 50, Deduct</i>	-0.10	
	<i>For &gt;50 To 100, Deduct</i>	-0.21	
	<i>For &gt;100, Deduct</i>	-0.43	
<b>05 05 19 00-0233</b>	<b>Powder Actuated, Shot-In Place Anchors With Exposed Thread</b> <small>(05 05 19 00-0197)</small>		
05 05 19 00-0234	EA 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor .....	2.49	
	<i>For &gt;10 To 50, Deduct</i>	-0.08	
	<i>For &gt;50 To 100, Deduct</i>	-0.19	
	<i>For &gt;100, Deduct</i>	-0.38	
05 05 19 00-0235	EA 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor .....	3.47	
	<i>For &gt;10 To 50, Deduct</i>	-0.10	
	<i>For &gt;50 To 100, Deduct</i>	-0.24	
	<i>For &gt;100, Deduct</i>	-0.48	
<b>05 05 21 Fastening Methods for Metal</b> <small>(05 05)</small>			
05 05 21 00-0001	Welding <small>(05 05 21)</small>		
05 05 21 00-0002	Minimum Charge For Welding <small>(05 05 21 00-0001)</small>		
05 05 21 00-0003	EA Welding Minimum Charge .....	584.58	
	Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
05 05 21 00-0004	Spot Welding <small>(05 05 21 00-0001)</small>		
	See CSI section 05 05 21 00-0007 for a series of welds.		
05 05 21 00-0005	EA Up To 15 Spot Weldings, Welds Up To 1" Length Each .....	14.87	
	<i>For Aluminum Welding, Add</i>	2.33	
	<i>For Stainless Steel Welding, Add</i>	3.85	
05 05 21 00-0006	EA >15 Spot Weldings, Welds Up To 1" Length Each .....	11.61	
	<i>For Aluminum Welding, Add</i>	1.84	
	<i>For Stainless Steel Welding, Add</i>	3.03	
05 05 21 00-0007	Field Welding (Seam And Stitch Welding) <small>(05 05 21 00-0001)</small>		
05 05 21 00-0008	Vertical Fillet Welds <small>(05 05 21 00-0007)</small>		
	Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009	LF 1/8" Vertical Fillet Weld .....	9.49	
	<i>For Aluminum Welding, Add</i>	1.92	
	<i>For Stainless Steel Welding, Add</i>	3.00	
	<i>For Up To 25, Add</i>	3.11	
	<i>For &gt;25 To 50, Add</i>	2.21	
05 05 21 00-0010	LF 3/16" Vertical Fillet Weld .....	18.34	
	<i>For Aluminum Welding, Add</i>	3.36	
	<i>For Stainless Steel Welding, Add</i>	5.35	
	<i>For Up To 25, Add</i>	6.16	
	<i>For &gt;25 To 50, Add</i>	4.38	
05 05 21 00-0011	LF 1/4" Vertical Fillet Weld .....	27.54	
	<i>For Aluminum Welding, Add</i>	5.07	
	<i>For Stainless Steel Welding, Add</i>	8.06	
	<i>For Up To 25, Add</i>	9.25	
	<i>For &gt;25 To 50, Add</i>	6.57	
05 05 21 00-0012	LF 5/16" Vertical Fillet Weld .....	36.34	
	<i>For Aluminum Welding, Add</i>	6.71	
	<i>For Stainless Steel Welding, Add</i>	10.66	
	<i>For Up To 25, Add</i>	12.19	
	<i>For &gt;25 To 50, Add</i>	8.67	
05 05 21 00-0013	LF 3/8" Vertical Fillet Weld .....	45.89	
	<i>For Aluminum Welding, Add</i>	8.44	
	<i>For Stainless Steel Welding, Add</i>	13.42	
	<i>For Up To 25, Add</i>	15.41	
	<i>For &gt;25 To 50, Add</i>	10.95	
05 05 21 00-0014	LF 7/16" Vertical Fillet Weld .....	53.33	
	<i>For Aluminum Welding, Add</i>	9.23	
	<i>For Stainless Steel Welding, Add</i>	14.87	
	<i>For Up To 25, Add</i>	18.15	
	<i>For &gt;25 To 50, Add</i>	12.92	



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0015	LF 1/2" Vertical Fillet Weld.....	62.74	
	For Aluminum Welding, Add	11.58	
	For Stainless Steel Welding, Add	18.39	
	For Up To 25, Add	21.06	
	For >25 To 50, Add	14.96	
05 05 21 00-0016	LF 9/16" Vertical Fillet Weld.....	73.33	
	For Aluminum Welding, Add	12.94	
	For Stainless Steel Welding, Add	20.76	
	For Up To 25, Add	24.86	
	For >25 To 50, Add	17.69	
05 05 21 00-0017	LF 5/8" Vertical Fillet Weld.....	85.02	
	For Aluminum Welding, Add	15.05	
	For Stainless Steel Welding, Add	24.13	
	For Up To 25, Add	28.80	
	For >25 To 50, Add	20.49	
05 05 21 00-0018	LF 3/4" Vertical Fillet Weld.....	114.83	
	For Aluminum Welding, Add	21.17	
	For Stainless Steel Welding, Add	33.64	
	For Up To 25, Add	38.55	
	For >25 To 50, Add	27.39	
05 05 21 00-0019	LF 7/8" Vertical Fillet Weld.....	169.71	
	For Aluminum Welding, Add	29.85	
	For Stainless Steel Welding, Add	47.93	
	For Up To 25, Add	57.57	
	For >25 To 50, Add	40.96	
05 05 21 00-0020	LF 1" Vertical Fillet Weld.....	228.78	
	For Aluminum Welding, Add	41.69	
	For Stainless Steel Welding, Add	66.41	
	For Up To 25, Add	77.00	
	For >25 To 50, Add	54.74	
<b>05 05 21 00-0021</b>	<b>Horizontal Or Flat Fillet Welds</b> (05 05 21 00-0007)		
	Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0022	LF 1/8" Horizontal Or Flat Fillet Weld.....	8.00	
	For Aluminum Welding, Add	1.70	
	For Stainless Steel Welding, Add	2.62	
	For Up To 25, Add	2.59	
	For >25 To 50, Add	1.83	
05 05 21 00-0023	LF 3/16" Horizontal Or Flat Fillet Weld.....	15.56	
	For Aluminum Welding, Add	2.98	
	For Stainless Steel Welding, Add	4.70	
	For Up To 25, Add	5.18	
	For >25 To 50, Add	3.67	
05 05 21 00-0024	LF 1/4" Horizontal Or Flat Fillet Weld.....	23.27	
	For Aluminum Welding, Add	4.46	
	For Stainless Steel Welding, Add	7.03	
	For Up To 25, Add	7.74	
	For >25 To 50, Add	5.49	
05 05 21 00-0025	LF 5/16" Horizontal Or Flat Fillet Weld.....	30.76	
	For Aluminum Welding, Add	5.94	
	For Stainless Steel Welding, Add	9.35	
	For Up To 25, Add	10.21	
	For >25 To 50, Add	7.25	
05 05 21 00-0026	LF 3/8" Horizontal Or Flat Fillet Weld.....	38.81	
	For Aluminum Welding, Add	7.44	
	For Stainless Steel Welding, Add	11.72	
	For Up To 25, Add	12.91	
	For >25 To 50, Add	9.16	
05 05 21 00-0027	LF 7/16" Horizontal Or Flat Fillet Weld.....	44.92	
	For Aluminum Welding, Add	8.03	
	For Stainless Steel Welding, Add	12.85	
	For Up To 25, Add	15.18	
	For >25 To 50, Add	10.80	
05 05 21 00-0028	LF 1/2" Horizontal Or Flat Fillet Weld.....	53.03	
	For Aluminum Welding, Add	10.22	
	For Stainless Steel Welding, Add	16.09	
	For Up To 25, Add	17.62	
	For >25 To 50, Add	12.50	
05 05 21 00-0029	LF 9/16" Horizontal Or Flat Fillet Weld.....	61.90	
	For Aluminum Welding, Add	11.36	
	For Stainless Steel Welding, Add	18.06	
	For Up To 25, Add	20.80	
	For >25 To 50, Add	14.79	
05 05 21 00-0030	LF 5/8" Horizontal Or Flat Fillet Weld.....	72.13	
	For Aluminum Welding, Add	13.50	
	For Stainless Steel Welding, Add	21.39	
	For Up To 25, Add	24.13	
	For >25 To 50, Add	17.14	
05 05 21 00-0031	LF 3/4" Horizontal Or Flat Fillet Weld.....	97.15	
	For Aluminum Welding, Add	18.71	
	For Stainless Steel Welding, Add	29.46	
	For Up To 25, Add	32.28	
	For >25 To 50, Add	22.91	



**05 Metals****05 05 Common Work Results for Metals****05 05 21 Fastening Methods for Metal**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 21 00-0032	LF 7/8" Horizontal Or Flat Fillet Weld.....	142.16	
	For Aluminum Welding, Add	25.43	
	For Stainless Steel Welding, Add	40.68	
	For Up To 25, Add	48.04	
	For >25 To 50, Add	34.17	
05 05 21 00-0033	LF 1" Horizontal Or Flat Fillet Weld.....	192.84	
	For Aluminum Welding, Add	36.65	
	For Stainless Steel Welding, Add	57.87	
	For Up To 25, Add	64.27	
	For >25 To 50, Add	45.63	
<b>05 05 23 Metal Fastenings</b> <small>(05 05)</small>			
05 05 23 00-0001	Hex Bolts <small>(05 05 23)</small>		
	Note: For owner furnished materials or where requested by the owner. Excludes drilling through steel, concrete, brick or block. See CSI section 02 41 19 13-0271 for drilling into concrete, 02 41 19 13-0286 for drilling into brick or block.		
05 05 23 00-0002	A307B Heavy Hex Bolts <small>(05 05 23 00-0001)</small>		
	Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003	Plain Finish A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0004	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt.....	16.86	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.47	
	For >100, Deduct	-2.94	
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt.....	18.52	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.51	
	For >100, Deduct	-3.02	
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	18.56	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.51	
	For >100, Deduct	-3.03	
05 05 23 00-0007	EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	22.07	1.91
	For >10 To 50, Deduct	-0.80	
	For >50 To 100, Deduct	-1.75	
	For >100, Deduct	-3.50	
05 05 23 00-0008	EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	21.35	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.58	
	For >100, Deduct	-3.16	
05 05 23 00-0009	EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	25.54	1.91
	For >10 To 50, Deduct	-0.80	
	For >50 To 100, Deduct	-1.83	
	For >100, Deduct	-3.67	
05 05 23 00-0010	EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	32.10	2.00
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-2.05	
	For >100, Deduct	-4.11	
05 05 23 00-0011	EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt.....	34.47	2.10
	For >10 To 50, Deduct	-0.88	
	For >50 To 100, Deduct	-2.18	
	For >100, Deduct	-4.35	
05 05 23 00-0012	EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	25.49	1.82
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-1.77	
	For >100, Deduct	-3.55	
05 05 23 00-0013	EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	30.65	2.00
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-2.02	
	For >100, Deduct	-4.03	
05 05 23 00-0014	EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	35.96	2.10
	For >10 To 50, Deduct	-0.88	
	For >50 To 100, Deduct	-2.21	
	For >100, Deduct	-4.43	
05 05 23 00-0015	EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	50.98	2.21
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-2.66	
	For >100, Deduct	-5.31	
05 05 23 00-0016	EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt.....	59.64	2.50
	For >10 To 50, Deduct	-1.04	
	For >50 To 100, Deduct	-3.05	
	For >100, Deduct	-6.10	
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt.....	67.07	2.68
	For >10 To 50, Deduct	-1.12	
	For >50 To 100, Deduct	-3.35	
	For >100, Deduct	-6.70	
05 05 23 00-0018	Galvanized A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0019	EA 1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt.....	17.67	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.49	
	For >100, Deduct	-2.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0020 EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt.....	19.06	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.53	
<i>For &gt;100, Deduct</i>	-3.05	
05 05 23 00-0021 EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	20.57	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.56	
<i>For &gt;100, Deduct</i>	-3.13	
05 05 23 00-0022 EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	24.08	1.91
<i>For &gt;10 To 50, Deduct</i>	-0.80	
<i>For &gt;50 To 100, Deduct</i>	-1.80	
<i>For &gt;100, Deduct</i>	-3.60	
05 05 23 00-0023 EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	23.64	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.64	
<i>For &gt;100, Deduct</i>	-3.28	
05 05 23 00-0024 EA 3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	29.76	1.91
<i>For &gt;10 To 50, Deduct</i>	-0.80	
<i>For &gt;50 To 100, Deduct</i>	-1.94	
<i>For &gt;100, Deduct</i>	-3.88	
05 05 23 00-0025 EA 3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	39.38	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-2.23	
<i>For &gt;100, Deduct</i>	-4.47	
05 05 23 00-0026 EA 3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	46.25	2.10
<i>For &gt;10 To 50, Deduct</i>	-0.88	
<i>For &gt;50 To 100, Deduct</i>	-2.47	
<i>For &gt;100, Deduct</i>	-4.94	
05 05 23 00-0027 EA 7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	31.47	1.82
<i>For &gt;10 To 50, Deduct</i>	-0.76	
<i>For &gt;50 To 100, Deduct</i>	-1.92	
<i>For &gt;100, Deduct</i>	-3.85	
05 05 23 00-0028 EA 7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	37.39	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-2.18	
<i>For &gt;100, Deduct</i>	-4.37	
05 05 23 00-0029 EA 1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	44.65	2.10
<i>For &gt;10 To 50, Deduct</i>	-0.88	
<i>For &gt;50 To 100, Deduct</i>	-2.43	
<i>For &gt;100, Deduct</i>	-4.86	
05 05 23 00-0030 EA 1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	66.75	2.21
<i>For &gt;10 To 50, Deduct</i>	-0.92	
<i>For &gt;50 To 100, Deduct</i>	-3.05	
<i>For &gt;100, Deduct</i>	-6.10	
05 05 23 00-0031 EA 1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	66.70	2.50
<i>For &gt;10 To 50, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-3.23	
<i>For &gt;100, Deduct</i>	-6.46	
05 05 23 00-0032 EA 1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	83.40	2.68
<i>For &gt;10 To 50, Deduct</i>	-1.12	
<i>For &gt;50 To 100, Deduct</i>	-3.76	
<i>For &gt;100, Deduct</i>	-7.52	
05 05 23 00-0033 A325 High Strength Structural Bolts <small>(05 05 23 00-0001)</small>		
Note: Includes A325 heavy hex nut and two structural washers.		
05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts <small>(05 05 23 00-0033)</small>		
Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035 EA 1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	16.47	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.46	
<i>For &gt;100, Deduct</i>	-2.92	
05 05 23 00-0036 EA 1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	16.84	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.47	
<i>For &gt;100, Deduct</i>	-2.94	
05 05 23 00-0037 EA 5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	18.01	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.50	
<i>For &gt;100, Deduct</i>	-3.00	
05 05 23 00-0038 EA 5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	22.10	1.91
<i>For &gt;10 To 50, Deduct</i>	-0.80	
<i>For &gt;50 To 100, Deduct</i>	-1.75	
<i>For &gt;100, Deduct</i>	-3.50	
05 05 23 00-0039 EA 5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	25.60	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-1.89	
<i>For &gt;100, Deduct</i>	-3.78	
05 05 23 00-0040 EA 3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	19.64	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.54	
<i>For &gt;100, Deduct</i>	-3.08	

## 05 Metals

## 05 05 Common Work Results for Metals

## 05 05 23 Metal Fastenings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0041	EA 3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	23.84	1.91
	For >10 To 50, Deduct	-0.80	
	For >50 To 100, Deduct	-1.79	
	For >100, Deduct	-3.58	
05 05 23 00-0042	EA 3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	27.14	2.00
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.93	
	For >100, Deduct	-3.86	
05 05 23 00-0043	EA 3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	33.43	2.10
	For >10 To 50, Deduct	-0.88	
	For >50 To 100, Deduct	-2.15	
	For >100, Deduct	-4.30	
05 05 23 00-0044	EA 7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	22.81	1.82
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-1.71	
	For >100, Deduct	-3.41	
05 05 23 00-0045	EA 7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	27.79	2.00
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.94	
	For >100, Deduct	-3.89	
05 05 23 00-0046	EA 7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	31.74	2.10
	For >10 To 50, Deduct	-0.88	
	For >50 To 100, Deduct	-2.11	
	For >100, Deduct	-4.22	
05 05 23 00-0047	EA 7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	34.40	2.21
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-2.24	
	For >100, Deduct	-4.48	
05 05 23 00-0048	EA 1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	25.22	1.89
	For >10 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-1.81	
	For >100, Deduct	-3.63	
05 05 23 00-0049	EA 1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	30.35	2.10
	For >10 To 50, Deduct	-0.88	
	For >50 To 100, Deduct	-2.07	
	For >100, Deduct	-4.15	
05 05 23 00-0050	EA 1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	35.18	2.21
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-2.26	
	For >100, Deduct	-4.52	
05 05 23 00-0051	EA 1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	45.10	2.35
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.60	
	For >100, Deduct	-5.20	
05 05 23 00-0052	EA 1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	43.05	2.35
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.55	
	For >100, Deduct	-5.10	
05 05 23 00-0053	EA 1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	48.80	2.50
	For >10 To 50, Deduct	-1.04	
	For >50 To 100, Deduct	-2.78	
	For >100, Deduct	-5.56	
05 05 23 00-0054	EA 1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	57.32	2.68
	For >10 To 50, Deduct	-1.12	
	For >50 To 100, Deduct	-3.11	
	For >100, Deduct	-6.21	
05 05 23 00-0055	EA 1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	67.32	2.86
	For >10 To 50, Deduct	-1.19	
	For >50 To 100, Deduct	-3.47	
	For >100, Deduct	-6.93	
05 05 23 00-0056	<b>Galvanized A325 High Strength Structural Bolts</b> (05 05 23 00-0033)		
	Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA 1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt.....	17.21	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.48	
	For >100, Deduct	-2.96	
05 05 23 00-0058	EA 1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	17.47	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.49	
	For >100, Deduct	-2.97	
05 05 23 00-0059	EA 5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	19.56	1.67
	For >10 To 50, Deduct	-0.70	
	For >50 To 100, Deduct	-1.54	
	For >100, Deduct	-3.08	
05 05 23 00-0060	EA 5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	23.20	1.91
	For >10 To 50, Deduct	-0.80	
	For >50 To 100, Deduct	-1.78	
	For >100, Deduct	-3.55	
05 05 23 00-0061	EA 5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	24.55	2.00
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.86	
	For >100, Deduct	-3.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0062 EA 3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt .....	20.36	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.56	
<i>For &gt;100, Deduct</i>	-3.12	
05 05 23 00-0063 EA 3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	24.74	1.91
<i>For &gt;10 To 50, Deduct</i>	-0.80	
<i>For &gt;50 To 100, Deduct</i>	-1.81	
<i>For &gt;100, Deduct</i>	-3.63	
05 05 23 00-0064 EA 3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	28.54	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-1.96	
<i>For &gt;100, Deduct</i>	-3.93	
05 05 23 00-0065 EA 3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	36.74	2.10
<i>For &gt;10 To 50, Deduct</i>	-0.88	
<i>For &gt;50 To 100, Deduct</i>	-2.23	
<i>For &gt;100, Deduct</i>	-4.47	
05 05 23 00-0066 EA 7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt .....	27.08	1.82
<i>For &gt;10 To 50, Deduct</i>	-0.76	
<i>For &gt;50 To 100, Deduct</i>	-1.81	
<i>For &gt;100, Deduct</i>	-3.63	
05 05 23 00-0067 EA 7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	30.32	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-2.01	
<i>For &gt;100, Deduct</i>	-4.01	
05 05 23 00-0068 EA 7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	34.80	2.10
<i>For &gt;10 To 50, Deduct</i>	-0.88	
<i>For &gt;50 To 100, Deduct</i>	-2.19	
<i>For &gt;100, Deduct</i>	-4.37	
05 05 23 00-0069 EA 7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	43.58	2.21
<i>For &gt;10 To 50, Deduct</i>	-0.92	
<i>For &gt;50 To 100, Deduct</i>	-2.47	
<i>For &gt;100, Deduct</i>	-4.94	
05 05 23 00-0070 EA 1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt .....	28.54	1.89
<i>For &gt;10 To 50, Deduct</i>	-0.79	
<i>For &gt;50 To 100, Deduct</i>	-1.90	
<i>For &gt;100, Deduct</i>	-3.79	
05 05 23 00-0071 EA 1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	37.96	2.10
<i>For &gt;10 To 50, Deduct</i>	-0.88	
<i>For &gt;50 To 100, Deduct</i>	-2.26	
<i>For &gt;100, Deduct</i>	-4.53	
05 05 23 00-0072 EA 1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	41.55	2.21
<i>For &gt;10 To 50, Deduct</i>	-0.92	
<i>For &gt;50 To 100, Deduct</i>	-2.42	
<i>For &gt;100, Deduct</i>	-4.84	
05 05 23 00-0073 EA 1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	52.96	2.35
<i>For &gt;10 To 50, Deduct</i>	-0.98	
<i>For &gt;50 To 100, Deduct</i>	-2.80	
<i>For &gt;100, Deduct</i>	-5.59	
05 05 23 00-0074 EA 1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt .....	52.64	2.35
<i>For &gt;10 To 50, Deduct</i>	-0.98	
<i>For &gt;50 To 100, Deduct</i>	-2.79	
<i>For &gt;100, Deduct</i>	-5.58	
05 05 23 00-0075 EA 1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt .....	56.13	2.50
<i>For &gt;10 To 50, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-2.96	
<i>For &gt;100, Deduct</i>	-5.93	
05 05 23 00-0076 EA 1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt .....	65.71	2.68
<i>For &gt;10 To 50, Deduct</i>	-1.12	
<i>For &gt;50 To 100, Deduct</i>	-3.32	
<i>For &gt;100, Deduct</i>	-6.63	
05 05 23 00-0077 EA 1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt .....	76.08	2.86
<i>For &gt;10 To 50, Deduct</i>	-1.19	
<i>For &gt;50 To 100, Deduct</i>	-3.69	
<i>For &gt;100, Deduct</i>	-7.37	
05 05 23 00-0078 A490 High Strength Structural Bolts <small>(05 05 23 00-0001)</small>		
Note: Includes A490 heavy hex nut and two structural washers.		
05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts <small>(05 05 23 00-0078)</small>		
05 05 23 00-0080 EA 5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt .....	18.59	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.51	
<i>For &gt;100, Deduct</i>	-3.03	
05 05 23 00-0081 EA 5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt .....	26.09	1.91
<i>For &gt;10 To 50, Deduct</i>	-0.80	
<i>For &gt;50 To 100, Deduct</i>	-1.85	
<i>For &gt;100, Deduct</i>	-3.70	
05 05 23 00-0082 EA 5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt .....	27.89	2.00
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-1.95	
<i>For &gt;100, Deduct</i>	-3.90	
05 05 23 00-0083 EA 3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt .....	20.85	1.67
<i>For &gt;10 To 50, Deduct</i>	-0.70	
<i>For &gt;50 To 100, Deduct</i>	-1.57	
<i>For &gt;100, Deduct</i>	-3.14	

## 05 Metals

## 05 05 Common Work Results for Metals

## 05 05 23 Metal Fastenings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0084	EA		3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	25.22	1.91
			<i>For &gt;10 To 50, Deduct</i>	-0.80	
			<i>For &gt;50 To 100, Deduct</i>	-1.83	
			<i>For &gt;100, Deduct</i>	-3.65	
05 05 23 00-0085	EA		3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	29.36	2.00
			<i>For &gt;10 To 50, Deduct</i>	-0.83	
			<i>For &gt;50 To 100, Deduct</i>	-1.98	
			<i>For &gt;100, Deduct</i>	-3.97	
05 05 23 00-0086	EA		3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	37.74	2.10
			<i>For &gt;10 To 50, Deduct</i>	-0.88	
			<i>For &gt;50 To 100, Deduct</i>	-2.26	
			<i>For &gt;100, Deduct</i>	-4.52	
05 05 23 00-0087	EA		7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	24.20	1.82
			<i>For &gt;10 To 50, Deduct</i>	-0.76	
			<i>For &gt;50 To 100, Deduct</i>	-1.74	
			<i>For &gt;100, Deduct</i>	-3.48	
05 05 23 00-0088	EA		7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	28.24	2.00
			<i>For &gt;10 To 50, Deduct</i>	-0.83	
			<i>For &gt;50 To 100, Deduct</i>	-1.95	
			<i>For &gt;100, Deduct</i>	-3.91	
05 05 23 00-0089	EA		7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	40.73	2.10
			<i>For &gt;10 To 50, Deduct</i>	-0.88	
			<i>For &gt;50 To 100, Deduct</i>	-2.33	
			<i>For &gt;100, Deduct</i>	-4.67	
05 05 23 00-0090	EA		1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	28.47	1.89
			<i>For &gt;10 To 50, Deduct</i>	-0.79	
			<i>For &gt;50 To 100, Deduct</i>	-1.89	
			<i>For &gt;100, Deduct</i>	-3.79	
05 05 23 00-0091	EA		1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	34.00	2.10
			<i>For &gt;10 To 50, Deduct</i>	-0.88	
			<i>For &gt;50 To 100, Deduct</i>	-2.17	
			<i>For &gt;100, Deduct</i>	-4.33	
05 05 23 00-0092	EA		1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	39.10	2.21
			<i>For &gt;10 To 50, Deduct</i>	-0.92	
			<i>For &gt;50 To 100, Deduct</i>	-2.36	
			<i>For &gt;100, Deduct</i>	-4.72	
05 05 23 00-0093	EA		1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	48.85	2.35
			<i>For &gt;10 To 50, Deduct</i>	-0.98	
			<i>For &gt;50 To 100, Deduct</i>	-2.69	
			<i>For &gt;100, Deduct</i>	-5.39	
05 05 23 00-0094	EA		1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	62.65	2.50
			<i>For &gt;10 To 50, Deduct</i>	-1.04	
			<i>For &gt;50 To 100, Deduct</i>	-3.13	
			<i>For &gt;100, Deduct</i>	-6.25	
05 05 23 00-0095	EA		1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	65.94	2.68
			<i>For &gt;10 To 50, Deduct</i>	-1.12	
			<i>For &gt;50 To 100, Deduct</i>	-3.32	
			<i>For &gt;100, Deduct</i>	-6.64	
05 05 23 00-0096	EA		1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	68.80	2.86
			<i>For &gt;10 To 50, Deduct</i>	-1.19	
			<i>For &gt;50 To 100, Deduct</i>	-3.50	
			<i>For &gt;100, Deduct</i>	-7.01	

05 05 23 00-0097 Hex Head Bolts (05 05 23 00-0001)

05 05 23 00-0098 Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)

05 05 23 00-0099 1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)

05 05 23 00-0100	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.63	
			<i>For &gt;100 To 250, Deduct</i>	-1.50	
			<i>For &gt;250 To 500, Deduct</i>	-1.88	
			<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0101	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.66	
			<i>For &gt;100 To 250, Deduct</i>	-1.50	
			<i>For &gt;250 To 500, Deduct</i>	-1.88	
			<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0102	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.75	
			<i>For &gt;100 To 250, Deduct</i>	-1.50	
			<i>For &gt;250 To 500, Deduct</i>	-1.88	
			<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0103	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.80	
			<i>For &gt;100 To 250, Deduct</i>	-1.50	
			<i>For &gt;250 To 500, Deduct</i>	-1.88	
			<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0104	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.07	
			<i>For &gt;100 To 250, Deduct</i>	-1.54	
			<i>For &gt;250 To 500, Deduct</i>	-1.93	
			<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0105	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.11	
			<i>For &gt;100 To 250, Deduct</i>	-1.54	
			<i>For &gt;250 To 500, Deduct</i>	-1.93	
			<i>For &gt;500, Deduct</i>	-2.31	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0106 EA 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.25	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0107 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.47	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0108 EA 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.52	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0109 EA 1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.74	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0110 EA 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.12	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0111 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.28	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0112 EA 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.51	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0113 EA 1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.21	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0114 EA 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.56	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0115 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.65	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0116 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0117 EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.71	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0118 EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.74	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0119 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.82	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0120 EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.88	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0121 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.17	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0122 EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.32	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0123 EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.37	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0124 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.73	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0125 EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.94	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0126 EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.02	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0127	EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.31	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0128	EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.39	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0129	EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0130	EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.79	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0131	EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.14	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0132	EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.46	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0133</b>	<b>3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0134	EA 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.81	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0135	EA 3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.84	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0136	EA 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.95	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0137	EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0138	EA 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.35	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0139	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.54	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0140	EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0141	EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.12	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0142	EA 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.36	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0143	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0144	EA 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0145	EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.09	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0146	EA 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0147	EA 3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.46	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0148	EA			3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.61	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0149	EA			3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.82	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0150</b>				<b>7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0151	EA			7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.32	
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.14	
				<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0152	EA			7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.14	
				<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0153	EA			7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.49	
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.14	
				<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0154	EA			7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.90	
				<i>For &gt;100 To 250, Deduct</i>	-1.75	
				<i>For &gt;250 To 500, Deduct</i>	-2.19	
				<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0155	EA			7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.13	
				<i>For &gt;100 To 250, Deduct</i>	-1.75	
				<i>For &gt;250 To 500, Deduct</i>	-2.19	
				<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0156	EA			7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.31	
				<i>For &gt;100 To 250, Deduct</i>	-1.75	
				<i>For &gt;250 To 500, Deduct</i>	-2.19	
				<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0157	EA			7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.02	
				<i>For &gt;100 To 250, Deduct</i>	-1.80	
				<i>For &gt;250 To 500, Deduct</i>	-2.25	
				<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0158	EA			7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.16	
				<i>For &gt;100 To 250, Deduct</i>	-1.80	
				<i>For &gt;250 To 500, Deduct</i>	-2.25	
				<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0159	EA			7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.43	
				<i>For &gt;100 To 250, Deduct</i>	-1.80	
				<i>For &gt;250 To 500, Deduct</i>	-2.25	
				<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0160	EA			7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.09	
				<i>For &gt;100 To 250, Deduct</i>	-1.84	
				<i>For &gt;250 To 500, Deduct</i>	-2.30	
				<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0161	EA			7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.23	
				<i>For &gt;100 To 250, Deduct</i>	-1.84	
				<i>For &gt;250 To 500, Deduct</i>	-2.30	
				<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0162	EA			7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57	
				<i>For &gt;100 To 250, Deduct</i>	-1.84	
				<i>For &gt;250 To 500, Deduct</i>	-2.30	
				<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0163	EA			7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.93	
				<i>For &gt;100 To 250, Deduct</i>	-1.88	
				<i>For &gt;250 To 500, Deduct</i>	-2.36	
				<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0164	EA			7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.24	
				<i>For &gt;100 To 250, Deduct</i>	-1.88	
				<i>For &gt;250 To 500, Deduct</i>	-2.36	
				<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0165	EA			7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.85	
				<i>For &gt;100 To 250, Deduct</i>	-1.88	
				<i>For &gt;250 To 500, Deduct</i>	-2.36	
				<i>For &gt;500, Deduct</i>	-2.83	
<b>05 05 23 00-0166</b>				<b>1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0167	EA			1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.19	
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.14	
				<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0168	EA			1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.37	
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.14	
				<i>For &gt;500, Deduct</i>	-2.57	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0169	EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.55	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0170	EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.97	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0171	EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.15	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0172	EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.34	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0173	EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.81	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0174	EA 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.02	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0175	EA 1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.40	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0176	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.67	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0177	EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.71	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0178	EA 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.03	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0179	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.53	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0180	EA 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.73	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0181	EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.28	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0182	EA 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.77	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0183	EA 1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.97	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0184	EA 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.74	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0185	EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0186	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <sup>(05 05</sup>		
	<sup>23 00-0098)</sup>		
05 05 23 00-0187	EA 9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.38	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0188	EA 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.63	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0189	EA 9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.69	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0190 EA 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.71	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0191 EA 9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.03	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0192 EA 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.14	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0193 EA 9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.40	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0194 EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.48	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0195 EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.75	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0196 EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.03	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0197 EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.11	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0198 EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.35	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0199 EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.82	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0200 EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.11	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0201 EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.40	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0202 EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.87	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0203 EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.21	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0204 EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.44	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0205 EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.79	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
<b>05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0207 EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.99	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0208 EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.16	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0209 EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.37	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0210 EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.88	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0211	EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.20	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0212	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.60	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0213	EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.31	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0214	EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.92	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0215	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.40	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0216	EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.80	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0217	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.86	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0218	EA 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.67	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0219	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.35	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0220	EA 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.99	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0221	EA 5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.74	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0222	EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.76	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0223	EA 5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.49	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0224	EA 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.24	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0225	EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.82	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0226	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0227	EA 3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.54	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0228	EA 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.87	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0229	EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.18	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0230	EA 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.78	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0231	EA 3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.25	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0232 EA 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.67	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0233 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.33	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0234 EA 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.91	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0235 EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.37	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0236 EA 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.53	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0237 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.91	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0238 EA 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.63	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0239 EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.89	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0240 EA 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.57	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0241 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.35	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0242 EA 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.58	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0243 EA 3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.36	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0244 EA 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.40	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0245 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.41	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0246 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small></b>		
05 05 23 00-0247 EA 7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.36	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0248 EA 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.64	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0249 EA 7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.78	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0250 EA 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.38	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0251 EA 7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.14	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0252 EA 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.03	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0253	EA 7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.98	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0254	EA 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.28	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0255	EA 7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.00	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0256	EA 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.78	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0257	EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.21	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0258	EA 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.23	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0259	EA 7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.47	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0260	EA 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.50	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0261	EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.53	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0262	EA 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.70	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0263	EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.78	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0264	EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.77	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0265	EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.84	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-0266</b>	<b>1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0098)</small>		
05 05 23 00-0267	EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.62	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0268	EA 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.49	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0269	EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.89	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0270	EA 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.37	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0271	EA 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.71	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0272	EA 1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.31	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0273	EA 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.61	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0274 EA 1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.95	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0275 EA 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.84	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0276 EA 1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.48	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0277 EA 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.61	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0278 EA 1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.95	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0279 EA 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.07	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0280 EA 1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.23	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0281 EA 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.37	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0282 EA 1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.68	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0283 EA 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.84	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0284 EA 1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	37.02	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-0285 Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0097)</small></b>		
<b>05 05 23 00-0286 1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small></b>		
05 05 23 00-0287 EA 1/4" Diameter x 1 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.69	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0288 EA 1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.75	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0289 EA 1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.80	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0290 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.90	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0291 EA 1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.21	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0292 EA 1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.39	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0293 EA 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.58	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0294 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.94	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0295 EA 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.18	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0296	EA 1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.34	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0297	EA 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.73	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0298	EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.88	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0299	EA 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.03	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0300	EA 1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.44	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0301	EA 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.65	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0302	EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.87	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0303</b>	<b>5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small> .....		
05 05 23 00-0304	EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.81	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0305	EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.85	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0306	EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	7.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0307	EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.06	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0308	EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.37	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0309	EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.54	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0310	EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	8.83	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0311	EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0312	EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.43	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0313	EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.64	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0314	EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.29	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0315	EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.37	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0316	EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0317 EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.25	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0318 EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.65	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0319 EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.03	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0320 3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0321 EA 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.87	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0322 EA 3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.91	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0323 EA 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.04	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0324 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.18	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0325 EA 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.55	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0326 EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.71	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0327 EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.97	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0328 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.46	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0329 EA 3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.07	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0330 EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.35	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0331 EA 3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.93	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0332 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.19	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0333 EA 3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.65	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0334 EA 3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.20	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0335 EA 3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.81	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0336 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.30	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	

05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0338	EA 7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.21	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0339	EA 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.33	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0340	EA 7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.65	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0341	EA 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.10	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0342	EA 7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.33	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0343	EA 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.54	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0344	EA 7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.04	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0345	EA 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	12.24	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0346	EA 7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	12.78	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0347	EA 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	13.16	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0348	EA 7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	13.41	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0349	EA 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	13.67	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0350	EA 7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.23	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0351	EA 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.58	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0352	EA 7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.93	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0353	1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small> .....	9.37	
05 05 23 00-0354	EA 1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.37	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0355	EA 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.54	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0356	EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	9.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0357	EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.22	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0358	EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	10.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0359 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.78	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0360 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.26	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0361 EA 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.21	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0362 EA 1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.27	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0363 EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.13	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0364 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.50	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0365 EA 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.45	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0366 EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.51	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0367 EA 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.04	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0368 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.24	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0369 EA 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.43	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0370 EA 1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.36	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0371 EA 1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.67	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0372 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.18	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
<b>05 05 23 00-0373 9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0374 EA 9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.89	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0375 EA 9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.19	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0376 EA 9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.47	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0377 EA 9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.98	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0378 EA 9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.36	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0379 EA 9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.79	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0380	EA 9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	12.50	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0381	EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.15	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0382	EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.58	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0383	EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	15.27	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0384	EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	15.73	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0385	EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	17.25	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0386	EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	19.34	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0387	EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	19.97	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0388	EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	21.02	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0389	EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	22.22	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0390	EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	22.60	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0391	EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	22.99	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0392	EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	23.93	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
<b>05 05 23 00-0393</b>	<b>5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small> .....		
05 05 23 00-0394	EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.28	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0395	EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.39	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0396	EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.48	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0397	EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	11.99	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0398	EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	12.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0399	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	12.95	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0400	EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	13.63	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0401 EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.52	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0402 EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.99	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0403 EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.44	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0404 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.21	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0405 EA 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.41	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0406 EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.73	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0407 EA 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.72	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0408 EA 5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.88	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0409 EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.89	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0410 EA 5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.23	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0411 EA 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.20	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0412 EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.89	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0413 3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)</b> .....	<b>12.41</b>	
05 05 23 00-0414 EA 3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.41	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0415 EA 3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.61	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0416 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.71	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0417 EA 3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.36	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0418 EA 3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.86	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0419 EA 3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.63	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0420 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.36	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0421 EA 3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.85	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0422	EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	16.88	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0423	EA 3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	17.57	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0424	EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	18.42	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0425	EA 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	19.46	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0426	EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	21.16	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0427	EA 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	22.24	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0428	EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	22.85	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0429	EA 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	24.68	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0430	EA 3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	25.23	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0431	EA 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	27.02	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0432	EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	27.46	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0433</b>	<b>7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0434	EA 7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	14.90	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0435	EA 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	15.14	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0436	EA 7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	15.48	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0437	EA 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	16.03	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0438	EA 7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	17.04	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0439	EA 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	17.71	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0440	EA 7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	18.43	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0441	EA 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	19.62	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0442	EA 7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt .....	20.52	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0443 EA 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.16	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0444 EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.91	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0445 EA 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.12	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0446 EA 7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.47	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0447 EA 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.88	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0448 EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.97	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0449 EA 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	30.21	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0450 EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.58	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0451 EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.76	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0452 EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	33.93	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-0453 1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts</b> <small>(05 05 23 00-0285)</small>		
05 05 23 00-0454 EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.14	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0455 EA 1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.22	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0456 EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.19	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0457 EA 1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.16	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0458 EA 1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.88	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0459 EA 1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.01	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0460 EA 1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.15	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0461 EA 1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.81	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0462 EA 1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.23	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0463 EA 1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.58	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0464	EA 1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.90	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0465	EA 1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	29.60	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0466	EA 1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.07	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0467	EA 1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.78	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0468	EA 1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	40.91	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0469	EA 1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	41.53	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0470	EA 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	43.23	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0471	EA 1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	44.39	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0472	Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0473	1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0474	EA 1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0475	EA 1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.84	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0476	EA 1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.90	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0477	EA 1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.03	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0478	EA 1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.32	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0479	EA 1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.46	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0480	EA 1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.59	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0481	EA 1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.81	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0482	EA 1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0483	EA 1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.55	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0484	EA 1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0485	EA 1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.15	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0486	EA			1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.40	
				<i>For &gt;100 To 250, Deduct</i>	-1.63	
				<i>For &gt;250 To 500, Deduct</i>	-2.04	
				<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0487	EA			1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.78	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0488	EA			1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.25	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0489	EA			1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.46	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0490</b>				<b>5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small></b>		
05 05 23 00-0491	EA			5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.83	
				<i>For &gt;100 To 250, Deduct</i>	-1.50	
				<i>For &gt;250 To 500, Deduct</i>	-1.88	
				<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0492	EA			5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.90	
				<i>For &gt;100 To 250, Deduct</i>	-1.50	
				<i>For &gt;250 To 500, Deduct</i>	-1.88	
				<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0493	EA			5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	8.13	
				<i>For &gt;100 To 250, Deduct</i>	-1.50	
				<i>For &gt;250 To 500, Deduct</i>	-1.88	
				<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0494	EA			5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.17	
				<i>For &gt;100 To 250, Deduct</i>	-1.50	
				<i>For &gt;250 To 500, Deduct</i>	-1.88	
				<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0495	EA			5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	8.51	
				<i>For &gt;100 To 250, Deduct</i>	-1.54	
				<i>For &gt;250 To 500, Deduct</i>	-1.93	
				<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0496	EA			5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.85	
				<i>For &gt;100 To 250, Deduct</i>	-1.54	
				<i>For &gt;250 To 500, Deduct</i>	-1.93	
				<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0497	EA			5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	8.95	
				<i>For &gt;100 To 250, Deduct</i>	-1.54	
				<i>For &gt;250 To 500, Deduct</i>	-1.93	
				<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0498	EA			5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.35	
				<i>For &gt;100 To 250, Deduct</i>	-1.58	
				<i>For &gt;250 To 500, Deduct</i>	-1.98	
				<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0499	EA			5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	9.57	
				<i>For &gt;100 To 250, Deduct</i>	-1.58	
				<i>For &gt;250 To 500, Deduct</i>	-1.98	
				<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0500	EA			5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.06	
				<i>For &gt;100 To 250, Deduct</i>	-1.58	
				<i>For &gt;250 To 500, Deduct</i>	-1.98	
				<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0501	EA			5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.57	
				<i>For &gt;100 To 250, Deduct</i>	-1.63	
				<i>For &gt;250 To 500, Deduct</i>	-2.04	
				<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0502	EA			5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.75	
				<i>For &gt;100 To 250, Deduct</i>	-1.63	
				<i>For &gt;250 To 500, Deduct</i>	-2.04	
				<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0503	EA			5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.04	
				<i>For &gt;100 To 250, Deduct</i>	-1.63	
				<i>For &gt;250 To 500, Deduct</i>	-2.04	
				<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0504	EA			5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.45	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0505	EA			5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.66	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0506	EA			5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.07	
				<i>For &gt;100 To 250, Deduct</i>	-1.67	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500, Deduct</i>	-2.51	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0507	<b>3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0508	EA 3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.07	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.88	
	For >500, Deduct	-2.25	
05 05 23 00-0509	EA 3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.10	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.88	
	For >500, Deduct	-2.25	
05 05 23 00-0510	EA 3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.11	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.88	
	For >500, Deduct	-2.25	
05 05 23 00-0511	EA 3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.38	
	For >100 To 250, Deduct	-1.50	
	For >250 To 500, Deduct	-1.88	
	For >500, Deduct	-2.25	
05 05 23 00-0512	EA 3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.74	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.93	
	For >500, Deduct	-2.31	
05 05 23 00-0513	EA 3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.01	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.93	
	For >500, Deduct	-2.31	
05 05 23 00-0514	EA 3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.25	
	For >100 To 250, Deduct	-1.54	
	For >250 To 500, Deduct	-1.93	
	For >500, Deduct	-2.31	
05 05 23 00-0515	EA 3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.22	
	For >100 To 250, Deduct	-1.58	
	For >250 To 500, Deduct	-1.98	
	For >500, Deduct	-2.38	
05 05 23 00-0516	EA 3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.53	
	For >100 To 250, Deduct	-1.58	
	For >250 To 500, Deduct	-1.98	
	For >500, Deduct	-2.38	
05 05 23 00-0517	EA 3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.59	
	For >100 To 250, Deduct	-1.58	
	For >250 To 500, Deduct	-1.98	
	For >500, Deduct	-2.38	
05 05 23 00-0518	EA 3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.93	
	For >100 To 250, Deduct	-1.63	
	For >250 To 500, Deduct	-2.04	
	For >500, Deduct	-2.44	
05 05 23 00-0519	EA 3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.27	
	For >100 To 250, Deduct	-1.63	
	For >250 To 500, Deduct	-2.04	
	For >500, Deduct	-2.44	
05 05 23 00-0520	EA 3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.76	
	For >100 To 250, Deduct	-1.63	
	For >250 To 500, Deduct	-2.04	
	For >500, Deduct	-2.44	
05 05 23 00-0521	EA 3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.33	
	For >100 To 250, Deduct	-1.67	
	For >250 To 500, Deduct	-2.09	
	For >500, Deduct	-2.51	
05 05 23 00-0522	EA 3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.00	
	For >100 To 250, Deduct	-1.67	
	For >250 To 500, Deduct	-2.09	
	For >500, Deduct	-2.51	
05 05 23 00-0523	EA 3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.57	
	For >100 To 250, Deduct	-1.67	
	For >250 To 500, Deduct	-2.09	
	For >500, Deduct	-2.51	
05 05 23 00-0524	<b>7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0525	EA 7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.39	
	For >100 To 250, Deduct	-1.71	
	For >250 To 500, Deduct	-2.14	
	For >500, Deduct	-2.57	
05 05 23 00-0526	EA 7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.43	
	For >100 To 250, Deduct	-1.71	
	For >250 To 500, Deduct	-2.14	
	For >500, Deduct	-2.57	
05 05 23 00-0527	EA 7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.85	
	For >100 To 250, Deduct	-1.71	
	For >250 To 500, Deduct	-2.14	
	For >500, Deduct	-2.57	
05 05 23 00-0528	EA 7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.10	
	For >100 To 250, Deduct	-1.75	
	For >250 To 500, Deduct	-2.19	
	For >500, Deduct	-2.63	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0529 EA 7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.57	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0530 EA 7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.83	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0531 EA 7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.10	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0532 EA 7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.15	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0533 EA 7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.97	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0534 EA 7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	13.74	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0535 EA 7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.03	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0536 EA 7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	14.46	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0537 EA 7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.31	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0538 EA 7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	16.70	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0539 EA 7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.81	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
<b>05 05 23 00-0540 1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)</b>		
05 05 23 00-0541 EA 1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.66	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0542 EA 1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	9.97	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0543 EA 1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.16	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0544 EA 1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.57	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0545 EA 1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.91	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0546 EA 1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.67	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0547 EA 1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.42	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0548 EA 1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.87	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0549 EA 1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.19	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0550	EA 1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	13.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0551	EA 1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0552	EA 1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	15.80	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0553	EA 1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.78	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0554	EA 1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	17.17	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0555	EA 1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.27	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0556	EA 1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	20.31	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0557	EA 1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0558	EA 1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	21.52	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0559	EA 1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
<b>05 05 23 00-0560</b>	<b>9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small> .....	<b>9.95</b>	
05 05 23 00-0561	EA 9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.95	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0562	EA 9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	10.13	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0563	EA 9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.56	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0564	EA 9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.40	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0565	EA 9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.55	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0566	EA 9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.17	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0567	EA 9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.81	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0568	EA 9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	14.85	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0569	EA 9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.25	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0570	EA 9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	15.79	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0571 EA 9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.67	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0572 EA 9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	20.02	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0573 EA 9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.15	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0574 EA 9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	28.99	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0575 EA 9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.25	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
<b>05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts</b> <small>(05 05 23 00-0472)</small>		
05 05 23 00-0577 EA 5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.68	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0578 EA 5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	11.86	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0579 EA 5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.33	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0580 EA 5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	13.24	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0581 EA 5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.80	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0582 EA 5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	14.11	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0583 EA 5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.53	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0584 EA 5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	15.54	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0585 EA 5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.98	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0586 EA 5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	16.67	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0587 EA 5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.14	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0588 EA 5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	18.13	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0589 EA 5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.70	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0590 EA 5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	21.83	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0591 EA 5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.30	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0592	EA 5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	24.51	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0593	EA 5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.73	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0594	EA 5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	26.90	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0595	EA 5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.96	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0596</b>	<b>3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small></b>		
05 05 23 00-0597	EA 3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.73	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0598	EA 3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	12.93	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0599	EA 3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.06	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0600	EA 3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	13.57	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0601	EA 3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.99	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0602	EA 3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	15.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.97	
	<i>For &gt;250 To 500, Deduct</i>	-2.46	
	<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0603	EA 3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.91	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0604	EA 3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	16.01	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0605	EA 3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.65	
	<i>For &gt;100 To 250, Deduct</i>	-2.01	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0606	EA 3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	18.45	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0607	EA 3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.31	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0608	EA 3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	20.91	
	<i>For &gt;100 To 250, Deduct</i>	-2.05	
	<i>For &gt;250 To 500, Deduct</i>	-2.57	
	<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0609	EA 3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.08	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0610	EA 3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	23.94	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0611	EA 3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.38	
	<i>For &gt;100 To 250, Deduct</i>	-2.10	
	<i>For &gt;250 To 500, Deduct</i>	-2.62	
	<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0612	EA 3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	26.70	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0613	EA			3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.25	
				<i>For &gt;100 To 250, Deduct</i>	-2.14	
				<i>For &gt;250 To 500, Deduct</i>	-2.68	
				<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0614	EA			3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	29.37	
				<i>For &gt;100 To 250, Deduct</i>	-2.14	
				<i>For &gt;250 To 500, Deduct</i>	-2.68	
				<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0615	EA			3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.78	
				<i>For &gt;100 To 250, Deduct</i>	-2.14	
				<i>For &gt;250 To 500, Deduct</i>	-2.68	
				<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0616</b>				<b>7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small></b>		
05 05 23 00-0617	EA			7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	16.70	
				<i>For &gt;100 To 250, Deduct</i>	-2.14	
				<i>For &gt;250 To 500, Deduct</i>	-2.68	
				<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0618	EA			7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.23	
				<i>For &gt;100 To 250, Deduct</i>	-2.14	
				<i>For &gt;250 To 500, Deduct</i>	-2.68	
				<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0619	EA			7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	18.23	
				<i>For &gt;100 To 250, Deduct</i>	-2.18	
				<i>For &gt;250 To 500, Deduct</i>	-2.73	
				<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0620	EA			7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.82	
				<i>For &gt;100 To 250, Deduct</i>	-2.18	
				<i>For &gt;250 To 500, Deduct</i>	-2.73	
				<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0621	EA			7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	20.00	
				<i>For &gt;100 To 250, Deduct</i>	-2.18	
				<i>For &gt;250 To 500, Deduct</i>	-2.73	
				<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0622	EA			7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.55	
				<i>For &gt;100 To 250, Deduct</i>	-2.23	
				<i>For &gt;250 To 500, Deduct</i>	-2.78	
				<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0623	EA			7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	24.38	
				<i>For &gt;100 To 250, Deduct</i>	-2.23	
				<i>For &gt;250 To 500, Deduct</i>	-2.78	
				<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0624	EA			7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	25.36	
				<i>For &gt;100 To 250, Deduct</i>	-2.23	
				<i>For &gt;250 To 500, Deduct</i>	-2.78	
				<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0625	EA			7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	27.85	
				<i>For &gt;100 To 250, Deduct</i>	-2.27	
				<i>For &gt;250 To 500, Deduct</i>	-2.84	
				<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0626	EA			7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.29	
				<i>For &gt;100 To 250, Deduct</i>	-2.27	
				<i>For &gt;250 To 500, Deduct</i>	-2.84	
				<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0627	EA			7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	32.99	
				<i>For &gt;100 To 250, Deduct</i>	-2.27	
				<i>For &gt;250 To 500, Deduct</i>	-2.84	
				<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0628	EA			7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.44	
				<i>For &gt;100 To 250, Deduct</i>	-2.31	
				<i>For &gt;250 To 500, Deduct</i>	-2.89	
				<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0629	EA			7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	38.26	
				<i>For &gt;100 To 250, Deduct</i>	-2.31	
				<i>For &gt;250 To 500, Deduct</i>	-2.89	
				<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0630	EA			7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	39.80	
				<i>For &gt;100 To 250, Deduct</i>	-2.31	
				<i>For &gt;250 To 500, Deduct</i>	-2.89	
				<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0631	EA			7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	41.24	
				<i>For &gt;100 To 250, Deduct</i>	-2.35	
				<i>For &gt;250 To 500, Deduct</i>	-2.94	
				<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0632	EA			7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.69	
				<i>For &gt;100 To 250, Deduct</i>	-2.35	
				<i>For &gt;250 To 500, Deduct</i>	-2.94	
				<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0633	EA			7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	42.07	
				<i>For &gt;100 To 250, Deduct</i>	-2.35	
				<i>For &gt;250 To 500, Deduct</i>	-2.94	
				<i>For &gt;500, Deduct</i>	-3.53	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0634	EA 7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	42.98	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-0635</b>	<b>1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small></b>		
05 05 23 00-0636	EA 1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	18.21	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0637	EA 1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.54	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0638	EA 1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	20.34	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0639	EA 1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.33	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0640	EA 1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	23.19	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0641	EA 1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.89	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0642	EA 1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	25.49	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0643	EA 1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.63	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0644	EA 1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	28.86	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0645	EA 1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.76	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0646	EA 1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	34.23	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0647	EA 1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	35.13	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0648	EA 1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	40.18	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0649	EA 1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.05	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0650	EA 1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	43.95	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0651	EA 1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	45.41	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0652	EA 1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt .....	49.26	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0653	EA 1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	51.61	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0654	Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0655	1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0656 EA 1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.88	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0657 EA 1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.90	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0658 EA 1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.92	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0659 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.20	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0660 EA 1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.54	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0661 EA 1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.70	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0662 EA 1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.77	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0663 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.00	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0664 EA 1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.19	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0665 EA 1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.24	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0666 EA 1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.59	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0667 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.76	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0668 EA 1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.82	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0669 EA 1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.18	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0670 EA 1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.64	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0671 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0672 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0673 EA 5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.76	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0674 EA 5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.28	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0675 EA 5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.33	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0676 EA 5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.35	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0677	EA 5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.80	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0678	EA 5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.30	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0679	EA 5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.39	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0680	EA 5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.74	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0681	EA 5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.78	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0682	EA 5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.18	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0683	EA 5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.51	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0684	EA 5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0685	EA 5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.04	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0686	EA 5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.01	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0687	EA 5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.62	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0688	EA 5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0689</b>	<b>3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0684)</small>		
05 05 23 00-0690	EA 3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0691	EA 3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0692	EA 3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.17	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0693	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0694	EA 3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.84	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0695	EA 3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0696	EA 3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.30	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0697	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.77	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0698 EA 3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.90	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0699 EA 3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.22	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0700 EA 3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.58	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0701 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.02	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0702 EA 3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.10	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0703 EA 3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.34	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0704 EA 3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.39	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0705 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.91	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0707 EA 7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.77	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0708 EA 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.35	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0709 EA 7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.79	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0710 EA 7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.75	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0711 EA 7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.78	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0712 EA 7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.82	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0713 EA 7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.41	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0714 EA 7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.82	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0715 EA 7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.19	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0716 EA 7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.82	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0717 EA 7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.25	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
<b>05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0719	EA 1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.52	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0720	EA 1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.71	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0721	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0722	EA 1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0723	EA 1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0724	EA 1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.55	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0725	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.86	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0726	EA 1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.06	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0727	EA 1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.49	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0728	EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.90	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0729	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.38	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0730	EA 1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.42	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0731	EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0732	EA 1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.85	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0733	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.21	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0734	EA 1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.13	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0735	EA 1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.42	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0736	EA 1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.48	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0737	EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.65	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0738	5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0739	EA 5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.26	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0740 EA 5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.55	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0741 EA 5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.75	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0742 EA 5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.29	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0743 EA 5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.72	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0744 EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.67	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0745 EA 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.03	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0746 EA 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.20	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0747 EA 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.49	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0748 EA 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.08	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0749 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.41	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0750 EA 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.39	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0751 EA 5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.67	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0752 EA 5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.38	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0753 EA 5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.89	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0754 EA 5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.81	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0755 EA 5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.62	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0756 EA 5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.47	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0757 EA 5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.61	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
<b>05 05 23 00-0758 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> <small>(05 05 23 00-0654)</small>		
05 05 23 00-0759 EA 3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.65	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0760 EA 3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.71	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0761	EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.06	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-0762	EA 3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.08	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0763	EA 3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.41	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0764	EA 3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.26	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0765	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.93	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0766	EA 3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.01	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0767	EA 3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.19	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0768	EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.52	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0769	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.65	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0770	EA 3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.12	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0771	EA 3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.26	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0772	EA 3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.41	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0773	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.87	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0774	EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.77	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0775	EA 3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.25	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0776	EA 3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.53	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0777	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.67	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0778	<b>7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b> (05 05 23 00-0654)		
05 05 23 00-0779	EA 7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.49	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0780	EA 7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.03	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0781	EA 7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.56	
	For >100 To 250, Deduct	-2.18	
	For >250 To 500, Deduct	-2.73	
	For >500, Deduct	-3.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0782 EA 7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.41	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0783 EA 7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.84	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0784 EA 7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.60	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0785 EA 7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.20	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0786 EA 7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.96	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0787 EA 7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.71	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0788 EA 7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.31	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0789 EA 7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.03	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0790 EA 7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.89	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0791 EA 7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.99	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0792 EA 7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.25	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0793 EA 7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.77	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0794 EA 7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.38	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0795 EA 7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.14	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0796 EA 7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.86	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts</b>		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0798 EA 1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.32	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0799 EA 1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.70	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0800 EA 1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.73	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0801 EA 1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.54	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0802 EA 1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.59	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0803	EA 1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.01	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0804	EA 1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.20	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0805	EA 1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.54	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0806	EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.98	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0807	EA 1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.03	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0808	EA 1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.00	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0809	EA 1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.69	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0810	EA 1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.37	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0811	EA 1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	36.09	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0812	EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	37.44	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0813	EA 1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	38.48	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0814	EA 1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	40.01	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0815	304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816	1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817	EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.82	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0818	EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.95	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0819	EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0820	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.28	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0821	EA 1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0822	EA 1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0823	EA 1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.23	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0824	EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0825 EA 1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.03	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0826 EA 1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.37	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0827 EA 1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.87	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0828 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.43	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0829 EA 1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.18	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0830 EA 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.69	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0831 EA 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.00	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0832 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.76	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small></b>		
05 05 23 00-0834 EA 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.06	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0835 EA 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.17	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0836 EA 5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.42	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0837 EA 5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.61	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0838 EA 5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.18	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0839 EA 5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.30	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0840 EA 5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.93	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0841 EA 5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.58	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0842 EA 5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.28	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0843 EA 5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.64	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0844 EA 5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.93	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0845 EA 5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.69	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0846	EA 5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.71	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0847	EA 5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	25.42	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0848</b>	<b>3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0849	EA 3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.36	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0850	EA 3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.51	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0851	EA 3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	8.89	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0852	EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.37	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0853	EA 3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	9.82	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0854	EA 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.21	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0855	EA 3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0856	EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.39	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0857	EA 3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.99	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0858	EA 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.31	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0859	EA 3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.69	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0860	EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.78	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0861	EA 3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-0862	EA 3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.86	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0863	EA 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.20	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-0864	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.52	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-0865</b>	<b>7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0866	EA 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0867 EA 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.81	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0868 EA 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.43	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0869 EA 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.01	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0870 EA 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.75	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0871 EA 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.98	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0872 EA 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.77	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0873 EA 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.21	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0874 EA 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.85	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0875 EA 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	19.04	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0876 EA 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.24	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0877 EA 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.54	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0878 EA 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.02	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
<b>05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0880 EA 1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.64	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0881 EA 1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	10.81	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0882 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	11.78	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0883 EA 1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	12.38	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0884 EA 1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.26	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0885 EA 1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.74	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0886 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.54	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0887 EA 1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	14.96	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0888	EA 1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.27	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0889	EA 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.12	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0890	EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	19.16	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0891	EA 1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.34	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0892	EA 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.30	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0893	EA 1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	23.00	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0894	EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	24.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-0895	EA 1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.75	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0896	EA 1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	30.19	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0897	EA 1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	33.25	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0898	EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	36.30	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
<b>05 05 23 00-0899</b>	<b>9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0900	EA 9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	15.71	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0901	EA 9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.72	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0902	EA 9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.24	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-0903	EA 9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.16	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0904	EA 9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	23.41	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0905	EA 9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	25.59	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-0906	EA 9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.02	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0907	EA 9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.51	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-0908	EA 9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	34.13	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0909 EA 9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	36.52	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-0910 EA 9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	38.98	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
<b>05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0912 EA 5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.42	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0913 EA 5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	13.88	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0914 EA 5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	15.80	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-0915 EA 5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.33	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0916 EA 5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.25	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0917 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	18.55	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-0918 EA 5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.40	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0919 EA 5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.42	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0920 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	21.88	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-0921 EA 5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.92	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0922 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	24.24	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0923 EA 5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.07	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-0924 EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	31.93	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0925 EA 5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	34.11	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0926 EA 5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	35.10	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-0927 EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	39.34	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0928 EA 5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	40.63	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-0929 EA 5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	46.37	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0930	EA 5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	48.73	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
<b>05 05 23 00-0931</b>	<b>3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)</b>		
05 05 23 00-0932	EA 3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	15.51	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-0933	EA 3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	16.41	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-0934	EA 3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	17.59	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-0935	EA 3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	19.10	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0936	EA 3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	20.40	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0937	EA 3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.60	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-0938	EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	24.12	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0939	EA 3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	26.16	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0940	EA 3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	27.80	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-0941	EA 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.70	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0942	EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	31.60	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0943	EA 3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	35.18	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-0944	EA 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	44.90	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0945	EA 3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	47.93	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0946	EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	54.41	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-0947	EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	54.92	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0948	EA 3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	55.94	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0949	EA 3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	58.71	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-0950	EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	60.84	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 05 23 00-0951</b> <b>7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0952     EA    7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	22.22	
For >100 To 250, Deduct	-2.14	
For >250 To 500, Deduct	-2.68	
For >500, Deduct	-3.21	
05 05 23 00-0953     EA    7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	24.46	
For >100 To 250, Deduct	-2.14	
For >250 To 500, Deduct	-2.68	
For >500, Deduct	-3.21	
05 05 23 00-0954     EA    7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	26.39	
For >100 To 250, Deduct	-2.18	
For >250 To 500, Deduct	-2.73	
For >500, Deduct	-3.28	
05 05 23 00-0955     EA    7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	28.66	
For >100 To 250, Deduct	-2.18	
For >250 To 500, Deduct	-2.73	
For >500, Deduct	-3.28	
05 05 23 00-0956     EA    7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.40	
For >100 To 250, Deduct	-2.18	
For >250 To 500, Deduct	-2.73	
For >500, Deduct	-3.28	
05 05 23 00-0957     EA    7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	31.48	
For >100 To 250, Deduct	-2.23	
For >250 To 500, Deduct	-2.78	
For >500, Deduct	-3.34	
05 05 23 00-0958     EA    7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	32.20	
For >100 To 250, Deduct	-2.23	
For >250 To 500, Deduct	-2.78	
For >500, Deduct	-3.34	
05 05 23 00-0959     EA    7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	37.15	
For >100 To 250, Deduct	-2.23	
For >250 To 500, Deduct	-2.78	
For >500, Deduct	-3.34	
05 05 23 00-0960     EA    7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	38.11	
For >100 To 250, Deduct	-2.27	
For >250 To 500, Deduct	-2.84	
For >500, Deduct	-3.41	
05 05 23 00-0961     EA    7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	40.01	
For >100 To 250, Deduct	-2.27	
For >250 To 500, Deduct	-2.84	
For >500, Deduct	-3.41	
05 05 23 00-0962     EA    7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	50.49	
For >100 To 250, Deduct	-2.27	
For >250 To 500, Deduct	-2.84	
For >500, Deduct	-3.41	
05 05 23 00-0963     EA    7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	54.72	
For >100 To 250, Deduct	-2.31	
For >250 To 500, Deduct	-2.89	
For >500, Deduct	-3.47	
05 05 23 00-0964     EA    7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	59.42	
For >100 To 250, Deduct	-2.31	
For >250 To 500, Deduct	-2.89	
For >500, Deduct	-3.47	
05 05 23 00-0965     EA    7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	63.21	
For >100 To 250, Deduct	-2.31	
For >250 To 500, Deduct	-2.89	
For >500, Deduct	-3.47	
05 05 23 00-0966     EA    7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	74.93	
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-2.94	
For >500, Deduct	-3.53	
05 05 23 00-0967     EA    7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	84.14	
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-2.94	
For >500, Deduct	-3.53	
05 05 23 00-0968     EA    7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	88.40	
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-2.94	
For >500, Deduct	-3.53	
05 05 23 00-0969     EA    7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	92.65	
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-2.94	
For >500, Deduct	-3.53	
<b>05 05 23 00-0970</b> <b>1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0815)</small>		
05 05 23 00-0971     EA    1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	27.65	
For >100 To 250, Deduct	-2.14	
For >250 To 500, Deduct	-2.68	
For >500, Deduct	-3.21	
05 05 23 00-0972     EA    1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	29.29	
For >100 To 250, Deduct	-2.14	
For >250 To 500, Deduct	-2.68	
For >500, Deduct	-3.21	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0973	EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	31.94	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0974	EA 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	34.00	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0975	EA 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	37.38	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-0976	EA 1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	41.40	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0977	EA 1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	43.76	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0978	EA 1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	47.24	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-0979	EA 1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	50.74	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0980	EA 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	50.93	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0981	EA 1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	60.29	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-0982	EA 1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	72.34	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0983	EA 1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	74.10	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0984	EA 1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	75.86	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-0985	EA 1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	79.59	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0986	EA 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	85.00	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0987	EA 1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	109.54	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0988	EA 1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt .....	138.13	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-0989	316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0997)</small>		
05 05 23 00-0990	1/4" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-0991	EA 1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	8.07	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0992	EA 1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	8.33	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0993	EA 1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	8.52	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-0994	EA 2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	8.65	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0995 EA 2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	9.22	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0996 EA 3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	9.56	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0997 EA 3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	9.89	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-0998 EA 4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	10.37	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-0999 EA 4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	10.65	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1000 EA 5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	10.77	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1001 EA 5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	11.86	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1002 EA 6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	12.09	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1003 EA 6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	20.68	
<i>For &gt;100 To 250, Deduct</i>	-1.63	
<i>For &gt;250 To 500, Deduct</i>	-2.04	
<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1004 EA 7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	31.30	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-1005 EA 7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	54.24	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-1006 EA 8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt .....	59.47	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)</b>		
05 05 23 00-1008 EA 5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	8.42	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1009 EA 5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	8.72	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1010 EA 5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.20	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1011 EA 5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.58	
<i>For &gt;100 To 250, Deduct</i>	-1.50	
<i>For &gt;250 To 500, Deduct</i>	-1.88	
<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1012 EA 5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.95	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1013 EA 5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	10.70	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1014 EA 5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	11.23	
<i>For &gt;100 To 250, Deduct</i>	-1.54	
<i>For &gt;250 To 500, Deduct</i>	-1.93	
<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1015 EA 5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	11.67	
<i>For &gt;100 To 250, Deduct</i>	-1.58	
<i>For &gt;250 To 500, Deduct</i>	-1.98	
<i>For &gt;500, Deduct</i>	-2.38	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1016	EA 5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.80	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1017	EA 5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	13.03	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1018	EA 5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	14.04	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1019	EA 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	14.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1020	EA 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	22.23	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1021	EA 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	32.84	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-1022</b>	<b>3/8" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-1023	EA 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.20	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1024	EA 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	9.31	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1025	EA 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	9.77	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1026	EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	10.86	
	<i>For &gt;100 To 250, Deduct</i>	-1.50	
	<i>For &gt;250 To 500, Deduct</i>	-1.88	
	<i>For &gt;500, Deduct</i>	-2.25	
05 05 23 00-1027	EA 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	11.46	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1028	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	11.66	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1029	EA 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.61	
	<i>For &gt;100 To 250, Deduct</i>	-1.54	
	<i>For &gt;250 To 500, Deduct</i>	-1.93	
	<i>For &gt;500, Deduct</i>	-2.31	
05 05 23 00-1030	EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	12.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1031	EA 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	13.56	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1032	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	13.96	
	<i>For &gt;100 To 250, Deduct</i>	-1.58	
	<i>For &gt;250 To 500, Deduct</i>	-1.98	
	<i>For &gt;500, Deduct</i>	-2.38	
05 05 23 00-1033	EA 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	15.50	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1034	EA 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	17.11	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1035	EA 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	17.18	
	<i>For &gt;100 To 250, Deduct</i>	-1.63	
	<i>For &gt;250 To 500, Deduct</i>	-2.04	
	<i>For &gt;500, Deduct</i>	-2.44	
05 05 23 00-1036	EA 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	21.46	
	<i>For &gt;100 To 250, Deduct</i>	-1.67	
	<i>For &gt;250 To 500, Deduct</i>	-2.09	
	<i>For &gt;500, Deduct</i>	-2.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1037 EA 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	28.08	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
05 05 23 00-1038 EA 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	35.23	
<i>For &gt;100 To 250, Deduct</i>	-1.67	
<i>For &gt;250 To 500, Deduct</i>	-2.09	
<i>For &gt;500, Deduct</i>	-2.51	
<b>05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-1040 EA 7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	12.08	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1041 EA 7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.77	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1042 EA 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	14.06	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1043 EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	15.38	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1044 EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	16.61	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1045 EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	18.64	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1046 EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	20.79	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1047 EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	21.15	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1048 EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	21.89	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1049 EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	22.60	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1050 EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	23.13	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1051 EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	23.66	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1052 EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	24.29	
<i>For &gt;100 To 250, Deduct</i>	-1.88	
<i>For &gt;250 To 500, Deduct</i>	-2.36	
<i>For &gt;500, Deduct</i>	-2.83	
<b>05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-1054 EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	12.05	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1055 EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	12.79	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1056 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	13.83	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.14	
<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1057 EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	15.27	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1058	EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	16.42	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1059	EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	16.70	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1060	EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	17.39	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1061	EA 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	19.60	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1062	EA 1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	24.07	
	<i>For &gt;100 To 250, Deduct</i>	-1.80	
	<i>For &gt;250 To 500, Deduct</i>	-2.25	
	<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1063	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	24.62	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1064	EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	25.33	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1065	EA 1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	30.86	
	<i>For &gt;100 To 250, Deduct</i>	-1.84	
	<i>For &gt;250 To 500, Deduct</i>	-2.30	
	<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1066	EA 1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	34.77	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-1067	EA 1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	37.17	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-1068	EA 1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	41.13	
	<i>For &gt;100 To 250, Deduct</i>	-1.88	
	<i>For &gt;250 To 500, Deduct</i>	-2.36	
	<i>For &gt;500, Deduct</i>	-2.83	
05 05 23 00-1069	EA 1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	51.82	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1070	EA 1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	58.59	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1071	EA 1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	59.70	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1072	EA 1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....	61.42	
	<i>For &gt;100 To 250, Deduct</i>	-1.93	
	<i>For &gt;250 To 500, Deduct</i>	-2.41	
	<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1073	9/16" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small> .....	30.58	
05 05 23 00-1074	EA 9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....		
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1075	EA 9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	33.01	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1076	EA 9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	41.15	
	<i>For &gt;100 To 250, Deduct</i>	-1.71	
	<i>For &gt;250 To 500, Deduct</i>	-2.14	
	<i>For &gt;500, Deduct</i>	-2.57	
05 05 23 00-1077	EA 9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	45.92	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1078	EA 9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	50.73	
	<i>For &gt;100 To 250, Deduct</i>	-1.75	
	<i>For &gt;250 To 500, Deduct</i>	-2.19	
	<i>For &gt;500, Deduct</i>	-2.63	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1079 EA 9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	55.54	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-2.19	
<i>For &gt;500, Deduct</i>	-2.63	
05 05 23 00-1080 EA 9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	58.76	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1081 EA 9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	62.72	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1082 EA 9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	66.24	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.25	
<i>For &gt;500, Deduct</i>	-2.70	
05 05 23 00-1083 EA 9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	67.52	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
05 05 23 00-1084 EA 9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	70.62	
<i>For &gt;100 To 250, Deduct</i>	-1.84	
<i>For &gt;250 To 500, Deduct</i>	-2.30	
<i>For &gt;500, Deduct</i>	-2.76	
<b>05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b>		
05 05 23 00-1086 EA 5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	16.89	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1087 EA 5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	17.10	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1088 EA 5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	17.17	
<i>For &gt;100 To 250, Deduct</i>	-1.93	
<i>For &gt;250 To 500, Deduct</i>	-2.41	
<i>For &gt;500, Deduct</i>	-2.89	
05 05 23 00-1089 EA 5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	18.78	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-1090 EA 5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	20.21	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-1091 EA 5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	24.74	
<i>For &gt;100 To 250, Deduct</i>	-1.97	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-2.96	
05 05 23 00-1092 EA 5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	25.90	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-1093 EA 5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	29.86	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-1094 EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	31.24	
<i>For &gt;100 To 250, Deduct</i>	-2.01	
<i>For &gt;250 To 500, Deduct</i>	-2.52	
<i>For &gt;500, Deduct</i>	-3.02	
05 05 23 00-1095 EA 5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	34.05	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-1096 EA 5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	35.18	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-1097 EA 5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	42.12	
<i>For &gt;100 To 250, Deduct</i>	-2.05	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.08	
05 05 23 00-1098 EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	44.84	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	
05 05 23 00-1099 EA 5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	45.72	
<i>For &gt;100 To 250, Deduct</i>	-2.10	
<i>For &gt;250 To 500, Deduct</i>	-2.62	
<i>For &gt;500, Deduct</i>	-3.15	

## 05 Metals

## 05 05 Common Work Results for Metals

## 05 05 23 Metal Fastenings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1100	EA 5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	48.97	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-1101	EA 5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	52.10	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-1102	EA 5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	54.85	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-1103	EA 5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	67.95	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
05 05 23 00-1104	EA 5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....	81.96	
	For >100 To 250, Deduct	-2.14	
	For >250 To 500, Deduct	-2.68	
	For >500, Deduct	-3.21	
<b>05 05 23 00-1105</b>	<b>3/4" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)</b>		
05 05 23 00-1106	EA 3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt .....	22.40	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-1107	EA 3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	22.90	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-1108	EA 3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	24.78	
	For >100 To 250, Deduct	-1.93	
	For >250 To 500, Deduct	-2.41	
	For >500, Deduct	-2.89	
05 05 23 00-1109	EA 3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	26.66	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-1110	EA 3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	30.18	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-1111	EA 3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	32.22	
	For >100 To 250, Deduct	-1.97	
	For >250 To 500, Deduct	-2.46	
	For >500, Deduct	-2.96	
05 05 23 00-1112	EA 3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	36.78	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-1113	EA 3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	38.58	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-1114	EA 3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	39.57	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-2.52	
	For >500, Deduct	-3.02	
05 05 23 00-1115	EA 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	41.10	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-1116	EA 3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	43.35	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-1117	EA 3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	50.30	
	For >100 To 250, Deduct	-2.05	
	For >250 To 500, Deduct	-2.57	
	For >500, Deduct	-3.08	
05 05 23 00-1118	EA 3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	60.56	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-1119	EA 3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	68.38	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	
05 05 23 00-1120	EA 3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	69.56	
	For >100 To 250, Deduct	-2.10	
	For >250 To 500, Deduct	-2.62	
	For >500, Deduct	-3.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1121 EA 3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	74.47	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1122 EA 3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	86.33	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1123 EA 3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	87.33	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1124 EA 3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....	89.83	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
 <b>05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)</b>		
05 05 23 00-1126 EA 7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	25.27	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1127 EA 7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	28.53	
<i>For &gt;100 To 250, Deduct</i>	-2.14	
<i>For &gt;250 To 500, Deduct</i>	-2.68	
<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1128 EA 7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	30.53	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1129 EA 7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	35.09	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1130 EA 7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	37.13	
<i>For &gt;100 To 250, Deduct</i>	-2.18	
<i>For &gt;250 To 500, Deduct</i>	-2.73	
<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1131 EA 7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	39.14	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1132 EA 7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	41.91	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1133 EA 7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	48.13	
<i>For &gt;100 To 250, Deduct</i>	-2.23	
<i>For &gt;250 To 500, Deduct</i>	-2.78	
<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1134 EA 7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	48.50	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1135 EA 7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	50.56	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1136 EA 7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	67.97	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-2.84	
<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1137 EA 7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	75.86	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1138 EA 7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	84.12	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1139 EA 7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	88.19	
<i>For &gt;100 To 250, Deduct</i>	-2.31	
<i>For &gt;250 To 500, Deduct</i>	-2.89	
<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1140 EA 7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	93.69	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-1141 EA 7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	97.23	
<i>For &gt;100 To 250, Deduct</i>	-2.35	
<i>For &gt;250 To 500, Deduct</i>	-2.94	
<i>For &gt;500, Deduct</i>	-3.53	



**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1142	EA 7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	100.73	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-1143	EA 7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....	104.68	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
<b>05 05 23 00-1144</b>	<b>1" Diameter, 316 Stainless Steel, Hex Head Bolts</b> <small>(05 05 23 00-0989)</small>		
05 05 23 00-1145	EA 1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt .....	32.44	
	<i>For &gt;100 To 250, Deduct</i>	-2.14	
	<i>For &gt;250 To 500, Deduct</i>	-2.68	
	<i>For &gt;500, Deduct</i>	-3.21	
05 05 23 00-1146	EA 1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	37.68	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1147	EA 1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt .....	41.04	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1148	EA 1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	46.42	
	<i>For &gt;100 To 250, Deduct</i>	-2.18	
	<i>For &gt;250 To 500, Deduct</i>	-2.73	
	<i>For &gt;500, Deduct</i>	-3.28	
05 05 23 00-1149	EA 1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt .....	48.55	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1150	EA 1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	52.19	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1151	EA 1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt .....	55.88	
	<i>For &gt;100 To 250, Deduct</i>	-2.23	
	<i>For &gt;250 To 500, Deduct</i>	-2.78	
	<i>For &gt;500, Deduct</i>	-3.34	
05 05 23 00-1152	EA 1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	59.80	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1153	EA 1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt .....	69.31	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1154	EA 1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	78.68	
	<i>For &gt;100 To 250, Deduct</i>	-2.27	
	<i>For &gt;250 To 500, Deduct</i>	-2.84	
	<i>For &gt;500, Deduct</i>	-3.41	
05 05 23 00-1155	EA 1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt .....	91.72	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1156	EA 1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	102.50	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1157	EA 1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt .....	104.05	
	<i>For &gt;100 To 250, Deduct</i>	-2.31	
	<i>For &gt;250 To 500, Deduct</i>	-2.89	
	<i>For &gt;500, Deduct</i>	-3.47	
05 05 23 00-1158	EA 1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	107.78	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-1159	EA 1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt .....	109.26	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-1160	EA 1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt .....	127.16	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	
05 05 23 00-1161	EA 1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt .....	144.44	
	<i>For &gt;100 To 250, Deduct</i>	-2.35	
	<i>For &gt;250 To 500, Deduct</i>	-2.94	
	<i>For &gt;500, Deduct</i>	-3.53	

05 05 23 00-1162 Screws (05 05 23)05 05 23 00-1163 Teks® 5 Self Drilling Screws (05 05 23 00-1162)

Note: Includes Climaseal® finish, self-drill point and tapping threads.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1164 EA 12-24 x 1-1/4", Hex Washer Head, Tek® 5 Self Drilling Screw.....	4.10	
<i>For &gt;10 To 50, Deduct</i>	-0.18	
<i>For &gt;50 To 100, Deduct</i>	-0.37	
<i>For &gt;100, Deduct</i>	-0.74	
05 05 23 00-1165 EA 12-24 x 1-1/2", Hex Washer Head, Tek® 5 Self Drilling Screw.....	4.29	
<i>For &gt;10 To 50, Deduct</i>	-0.18	
<i>For &gt;50 To 100, Deduct</i>	-0.38	
<i>For &gt;100, Deduct</i>	-0.75	
05 05 23 00-1166 EA 12-24 x 2", Hex Washer Head, Tek® 5 Self Drilling Screw.....	4.80	
<i>For &gt;10 To 50, Deduct</i>	-0.19	
<i>For &gt;50 To 100, Deduct</i>	-0.41	
<i>For &gt;100, Deduct</i>	-0.81	
05 05 23 00-1167 EA 1/4" x 3", 28 TPI, Hex Washer Head, Tek® 5 Self Drilling Screw.....	6.66	
<i>For &gt;10 To 50, Deduct</i>	-0.24	
<i>For &gt;50 To 100, Deduct</i>	-0.52	
<i>For &gt;100, Deduct</i>	-1.05	
05 05 23 00-1168 EA 1/4" x 4", 28 TPI, Hex Washer Head, Tek® 5 Self Drilling Screw.....	7.11	
<i>For &gt;10 To 50, Deduct</i>	-0.25	
<i>For &gt;50 To 100, Deduct</i>	-0.55	
<i>For &gt;100, Deduct</i>	-1.10	
05 05 23 00-1169 EA 1/4" x 6", 28 TPI, Hex Washer Head, Tek® 5 Self Drilling Screw.....	8.89	
<i>For &gt;10 To 50, Deduct</i>	-0.26	
<i>For &gt;50 To 100, Deduct</i>	-0.61	
<i>For &gt;100, Deduct</i>	-1.23	
05 05 23 00-1170 EA 1/4" x 8", 28 TPI, Hex Washer Head, Tek® 5 Self Drilling Screw.....	9.97	
<i>For &gt;10 To 50, Deduct</i>	-0.27	
<i>For &gt;50 To 100, Deduct</i>	-0.66	
<i>For &gt;100, Deduct</i>	-1.32	
05 05 23 00-1171 Security Screws <small>(05 05 23 00-1162)</small>		
05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws <small>(05 05 23 00-1171)</small>		
Note: Includes "security" style drive in machine or sheet metal screw threads.		
05 05 23 00-1173 EA #4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws.....	3.19	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100, Deduct</i>	-0.61	
05 05 23 00-1174 EA #6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.70	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.32	
<i>For &gt;100, Deduct</i>	-0.64	
05 05 23 00-1175 EA #6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.13	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100, Deduct</i>	-0.66	
05 05 23 00-1176 EA #6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.28	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100, Deduct</i>	-0.66	
05 05 23 00-1177 EA #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.56	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.34	
<i>For &gt;100, Deduct</i>	-0.68	
05 05 23 00-1178 EA #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.81	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.32	
<i>For &gt;100, Deduct</i>	-0.64	
05 05 23 00-1179 EA #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.01	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100, Deduct</i>	-0.65	
05 05 23 00-1180 EA #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.45	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.34	
<i>For &gt;100, Deduct</i>	-0.67	
05 05 23 00-1181 EA #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.58	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.34	
<i>For &gt;100, Deduct</i>	-0.68	
05 05 23 00-1182 EA #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.94	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.32	
<i>For &gt;100, Deduct</i>	-0.65	
05 05 23 00-1183 EA #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.00	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100, Deduct</i>	-0.65	
05 05 23 00-1184 EA #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.18	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100, Deduct</i>	-0.66	
05 05 23 00-1185 EA #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.77	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-0.34	
<i>For &gt;100, Deduct</i>	-0.69	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1186	EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.28	
	<i>For &gt;10 To 50, Deduct</i>	-0.15	
	<i>For &gt;50 To 100, Deduct</i>	-0.33	
	<i>For &gt;100, Deduct</i>	-0.66	
05 05 23 00-1187	EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.41	
	<i>For &gt;10 To 50, Deduct</i>	-0.15	
	<i>For &gt;50 To 100, Deduct</i>	-0.34	
	<i>For &gt;100, Deduct</i>	-0.67	
05 05 23 00-1188	EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw .....	4.97	
	<i>For &gt;10 To 50, Deduct</i>	-0.15	
	<i>For &gt;50 To 100, Deduct</i>	-0.35	
	<i>For &gt;100, Deduct</i>	-0.70	
05 05 23 00-1189	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	5.86	
	<i>For &gt;10 To 50, Deduct</i>	-0.15	
	<i>For &gt;50 To 100, Deduct</i>	-0.37	
	<i>For &gt;100, Deduct</i>	-0.74	
05 05 23 00-1190	<b>Threaded Rod</b> <small>(05 05 23)</small>		
	Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.		
05 05 23 00-1191	<b>Plain Finish Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1192	LF 1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	3.03	0.66
	<i>For Left Hand Threaded Rod, Add</i>	0.17	
05 05 23 00-1193	LF 5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	4.02	0.73
	<i>For Left Hand Threaded Rod, Add</i>	0.26	
05 05 23 00-1194	LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	4.67	0.85
	<i>For Left Hand Threaded Rod, Add</i>	0.30	
05 05 23 00-1195	LF 7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	6.38	0.87
	<i>For Left Hand Threaded Rod, Add</i>	0.47	
05 05 23 00-1196	LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	6.54	0.90
	<i>For Left Hand Threaded Rod, Add</i>	0.48	
05 05 23 00-1197	LF 9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	8.17	0.91
	<i>For Left Hand Threaded Rod, Add</i>	0.64	
05 05 23 00-1198	LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	9.23	0.92
	<i>For Left Hand Threaded Rod, Add</i>	0.74	
05 05 23 00-1199	LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	15.32	0.95
	<i>For Left Hand Threaded Rod, Add</i>	1.34	
05 05 23 00-1200	LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	16.72	0.98
	<i>For Left Hand Threaded Rod, Add</i>	1.48	
05 05 23 00-1201	LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	22.94	1.11
	<i>For Left Hand Threaded Rod, Add</i>	2.07	
05 05 23 00-1202	LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	28.61	1.24
	<i>For Left Hand Threaded Rod, Add</i>	2.61	
05 05 23 00-1203	LF 1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	38.03	1.34
	<i>For Left Hand Threaded Rod, Add</i>	3.53	
05 05 23 00-1204	LF 1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	47.41	1.45
	<i>For Left Hand Threaded Rod, Add</i>	4.45	
05 05 23 00-1205	LF 1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	56.78	1.52
	<i>For Left Hand Threaded Rod, Add</i>	5.38	
05 05 23 00-1206	LF 1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	69.73	1.59
	<i>For Left Hand Threaded Rod, Add</i>	6.66	
05 05 23 00-1207	LF 2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	89.17	1.67
	<i>For Left Hand Threaded Rod, Add</i>	8.58	
05 05 23 00-1208	<b>Zinc Plated Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1209	LF 1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	3.05	0.66
	<i>For Left Hand Threaded Rod, Add</i>	0.17	
05 05 23 00-1210	LF 5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	4.58	0.73
	<i>For Left Hand Threaded Rod, Add</i>	0.31	
05 05 23 00-1211	LF 3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	5.09	0.85
	<i>For Left Hand Threaded Rod, Add</i>	0.34	
05 05 23 00-1212	LF 7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	7.44	0.87
	<i>For Left Hand Threaded Rod, Add</i>	0.57	
05 05 23 00-1213	LF 1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	8.02	0.90
	<i>For Left Hand Threaded Rod, Add</i>	0.63	
05 05 23 00-1214	LF 9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	10.58	0.91
	<i>For Left Hand Threaded Rod, Add</i>	0.88	
05 05 23 00-1215	LF 5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	11.25	0.92
	<i>For Left Hand Threaded Rod, Add</i>	0.94	
05 05 23 00-1216	LF 3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	17.06	0.95
	<i>For Left Hand Threaded Rod, Add</i>	1.52	
05 05 23 00-1217	LF 7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	22.17	0.98
	<i>For Left Hand Threaded Rod, Add</i>	2.02	
05 05 23 00-1218	LF 1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	29.82	1.11
	<i>For Left Hand Threaded Rod, Add</i>	2.76	
05 05 23 00-1219	LF 1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	38.55	1.24
	<i>For Left Hand Threaded Rod, Add</i>	3.61	
05 05 23 00-1220	LF 1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	46.03	1.34
	<i>For Left Hand Threaded Rod, Add</i>	4.33	
05 05 23 00-1221	LF 1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	52.37	1.45
	<i>For Left Hand Threaded Rod, Add</i>	4.95	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1222 LF 1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	66.04	1.52
<i>For Left Hand Threaded Rod, Add</i>	6.30	
05 05 23 00-1223 LF 1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	81.92	1.59
<i>For Left Hand Threaded Rod, Add</i>	7.87	
05 05 23 00-1224 LF 2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod.....	119.74	1.67
<i>For Left Hand Threaded Rod, Add</i>	11.64	
<b>05 05 23 00-1225 Hot Dipped Galvanized Steel, Low Carbon Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1226 LF 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	8.56	0.85
<i>For Left Hand Threaded Rod, Add</i>	0.69	
05 05 23 00-1227 LF 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	12.06	0.90
<i>For Left Hand Threaded Rod, Add</i>	1.03	
05 05 23 00-1228 LF 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	16.37	0.92
<i>For Left Hand Threaded Rod, Add</i>	1.45	
05 05 23 00-1229 LF 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	22.57	0.95
<i>For Left Hand Threaded Rod, Add</i>	2.07	
05 05 23 00-1230 LF 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	31.35	0.98
<i>For Left Hand Threaded Rod, Add</i>	2.94	
05 05 23 00-1231 LF 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	40.50	1.11
<i>For Left Hand Threaded Rod, Add</i>	3.83	
05 05 23 00-1232 LF 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	53.35	1.24
<i>For Left Hand Threaded Rod, Add</i>	5.09	
05 05 23 00-1233 LF 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	70.23	1.34
<i>For Left Hand Threaded Rod, Add</i>	6.75	
05 05 23 00-1234 LF 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	78.53	1.45
<i>For Left Hand Threaded Rod, Add</i>	7.56	
05 05 23 00-1235 LF 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	93.55	1.52
<i>For Left Hand Threaded Rod, Add</i>	9.05	
05 05 23 00-1236 LF 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	113.74	1.59
<i>For Left Hand Threaded Rod, Add</i>	11.06	
05 05 23 00-1237 LF 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	198.87	1.67
<i>For Left Hand Threaded Rod, Add</i>	19.55	
<b>05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1239 LF 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	4.00	0.66
<i>For Left Hand Threaded Rod, Add</i>	0.27	
05 05 23 00-1240 LF 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	6.02	0.73
<i>For Left Hand Threaded Rod, Add</i>	0.46	
05 05 23 00-1241 LF 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	7.74	0.85
<i>For Left Hand Threaded Rod, Add</i>	0.61	
05 05 23 00-1242 LF 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	10.75	0.87
<i>For Left Hand Threaded Rod, Add</i>	0.90	
05 05 23 00-1243 LF 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	12.89	0.90
<i>For Left Hand Threaded Rod, Add</i>	1.11	
05 05 23 00-1244 LF 9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	18.55	0.91
<i>For Left Hand Threaded Rod, Add</i>	1.67	
05 05 23 00-1245 LF 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	19.37	0.92
<i>For Left Hand Threaded Rod, Add</i>	1.75	
05 05 23 00-1246 LF 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	27.12	0.95
<i>For Left Hand Threaded Rod, Add</i>	2.52	
05 05 23 00-1247 LF 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	37.31	0.98
<i>For Left Hand Threaded Rod, Add</i>	3.54	
05 05 23 00-1248 LF 1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	47.86	1.11
<i>For Left Hand Threaded Rod, Add</i>	4.56	
05 05 23 00-1249 LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	101.32	1.34
<i>For Left Hand Threaded Rod, Add</i>	9.85	
05 05 23 00-1250 LF 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	154.27	1.52
<i>For Left Hand Threaded Rod, Add</i>	15.12	
05 05 23 00-1251 LF 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	158.69	1.59
<i>For Left Hand Threaded Rod, Add</i>	15.55	
05 05 23 00-1252 LF 2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	219.58	1.67
<i>For Left Hand Threaded Rod, Add</i>	21.63	
<b>05 05 23 00-1253 316 Stainless Steel Threaded Rod</b> <small>(05 05 23 00-1190)</small>		
05 05 23 00-1254 LF 1/4" Diameter, 316 Stainless Steel Threaded Rod.....	5.79	0.66
<i>For Left Hand Threaded Rod, Add</i>	0.45	
05 05 23 00-1255 LF 5/16" Diameter, 316 Stainless Steel Threaded Rod.....	9.33	0.73
<i>For Left Hand Threaded Rod, Add</i>	0.79	
05 05 23 00-1256 LF 3/8" Diameter, 316 Stainless Steel Threaded Rod.....	12.39	0.85
<i>For Left Hand Threaded Rod, Add</i>	1.07	
05 05 23 00-1257 LF 7/16" Diameter, 316 Stainless Steel Threaded Rod.....	19.34	0.87
<i>For Left Hand Threaded Rod, Add</i>	1.76	
05 05 23 00-1258 LF 1/2" Diameter, 316 Stainless Steel Threaded Rod.....	20.51	0.90
<i>For Left Hand Threaded Rod, Add</i>	1.87	
05 05 23 00-1259 LF 9/16" Diameter, 316 Stainless Steel Threaded Rod.....	26.91	0.91
<i>For Left Hand Threaded Rod, Add</i>	2.51	
05 05 23 00-1260 LF 5/8" Diameter, 316 Stainless Steel Threaded Rod.....	28.96	0.92
<i>For Left Hand Threaded Rod, Add</i>	2.71	
05 05 23 00-1261 LF 3/4" Diameter, 316 Stainless Steel Threaded Rod.....	42.22	0.95
<i>For Left Hand Threaded Rod, Add</i>	4.03	



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1262	LF	7/8" Diameter, 316 Stainless Steel Threaded Rod.....	57.82	0.98
		<i>For Left Hand Threaded Rod, Add</i>	5.59	
05 05 23 00-1263	LF	1" Diameter, 316 Stainless Steel Threaded Rod.....	73.16	1.11
		<i>For Left Hand Threaded Rod, Add</i>	7.09	
05 05 23 00-1264	LF	1-1/4" Diameter, 316 Stainless Steel Threaded Rod.....	154.47	1.34
		<i>For Left Hand Threaded Rod, Add</i>	15.17	
05 05 23 00-1265	LF	1-1/2" Diameter, 316 Stainless Steel Threaded Rod.....	202.48	1.52
		<i>For Left Hand Threaded Rod, Add</i>	19.95	
<b>05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)</b>				
05 05 23 00-1267	LF	1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	5.41	0.66
		<i>For Zinc Plating, Add</i>	2.04	
05 05 23 00-1268	LF	5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	8.43	0.73
		<i>For Zinc Plating, Add</i>	3.48	
05 05 23 00-1269	LF	3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	8.79	0.85
		<i>For Zinc Plating, Add</i>	3.56	
05 05 23 00-1270	LF	7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	9.62	0.87
		<i>For Zinc Plating, Add</i>	3.95	
05 05 23 00-1271	LF	1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	10.62	0.90
		<i>For Zinc Plating, Add</i>	4.43	
05 05 23 00-1272	LF	9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	13.35	0.91
		<i>For Zinc Plating, Add</i>	5.77	
05 05 23 00-1273	LF	5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	13.78	0.92
		<i>For Zinc Plating, Add</i>	5.97	
05 05 23 00-1274	LF	3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	18.40	0.95
		<i>For Zinc Plating, Add</i>	8.26	
05 05 23 00-1275	LF	7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	22.11	0.98
		<i>For Zinc Plating, Add</i>	10.08	
05 05 23 00-1276	LF	1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	28.75	1.11
		<i>For Zinc Plating, Add</i>	13.27	
05 05 23 00-1277	LF	1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	37.49	1.24
		<i>For Zinc Plating, Add</i>	17.51	
05 05 23 00-1278	LF	1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	41.72	1.34
		<i>For Zinc Plating, Add</i>	19.47	
05 05 23 00-1279	LF	1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	48.21	1.45
		<i>For Zinc Plating, Add</i>	22.66	
05 05 23 00-1280	LF	1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	58.73	1.52
		<i>For Zinc Plating, Add</i>	27.85	
05 05 23 00-1281	LF	1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	60.71	1.59
		<i>For Zinc Plating, Add</i>	28.77	
05 05 23 00-1282	LF	2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod.....	81.66	1.67
		<i>For Zinc Plating, Add</i>	39.17	
<b>05 05 23 00-1283 Nuts And Washers (05 05 23)</b>				
<b>05 05 23 00-1284 Hex Nuts (05 05 23 00-1283)</b>				
<b>05 05 23 00-1285 Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)</b>				
05 05 23 00-1286	EA	1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.67	0.30
05 05 23 00-1287	EA	5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.75	0.30
05 05 23 00-1288	EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.80	0.30
05 05 23 00-1289	EA	7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.94	0.30
05 05 23 00-1290	EA	1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.03	0.30
05 05 23 00-1291	EA	9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.39	0.30
05 05 23 00-1292	EA	5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.44	0.30
05 05 23 00-1293	EA	3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.71	0.59
05 05 23 00-1294	EA	7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.56	0.59
05 05 23 00-1295	EA	1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	3.27	0.59
05 05 23 00-1296	EA	1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.40	0.59
05 05 23 00-1297	EA	1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	6.63	0.59
05 05 23 00-1298	EA	1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	9.82	0.59
05 05 23 00-1299	EA	1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	11.39	0.90
05 05 23 00-1300	EA	1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	16.81	0.90
05 05 23 00-1301	EA	2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	24.36	0.90
<b>05 05 23 00-1302 Zinc Plated Steel, Grade 5 Hex Nuts (05 05 23 00-1284)</b>				
05 05 23 00-1303	EA	1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.69	0.30
05 05 23 00-1304	EA	5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.76	0.30
05 05 23 00-1305	EA	3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.83	0.30
05 05 23 00-1306	EA	7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	0.98	0.30
05 05 23 00-1307	EA	1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.17	0.30
05 05 23 00-1308	EA	9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.43	0.30
05 05 23 00-1309	EA	5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.47	0.30
05 05 23 00-1310	EA	3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	1.95	0.59
05 05 23 00-1311	EA	7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	2.80	0.59
05 05 23 00-1312	EA	1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	3.99	0.59
05 05 23 00-1313	EA	1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	6.12	0.59
05 05 23 00-1314	EA	1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	8.70	0.59
05 05 23 00-1315	EA	1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	12.84	0.59
05 05 23 00-1316	EA	1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	14.20	0.90



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 05 23 00-1317	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	25.77	0.90
	05 05 23 00-1318	EA		2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut.....	37.01	0.90
<b>05 05 23 00-1319</b>	<b>Zinc Plated Steel, Grade 8 Hex Nuts (05 05 23 00-1284)</b>					
	05 05 23 00-1320	EA		1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.71	0.30
	05 05 23 00-1321	EA		5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.82	0.30
	05 05 23 00-1322	EA		3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	0.89	0.30
	05 05 23 00-1323	EA		7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.13	0.30
	05 05 23 00-1324	EA		1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.38	0.30
	05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.67	0.30
	05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	1.91	0.30
	05 05 23 00-1327	EA		3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	2.39	0.59
	05 05 23 00-1328	EA		7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	3.64	0.59
	05 05 23 00-1329	EA		1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	4.88	0.59
	05 05 23 00-1330	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	7.68	0.59
	05 05 23 00-1331	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	9.60	0.59
	05 05 23 00-1332	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	15.91	0.59
	05 05 23 00-1333	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	16.89	0.90
	05 05 23 00-1334	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	25.84	0.90
	05 05 23 00-1335	EA		2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut.....	36.60	0.90
<b>05 05 23 00-1336</b>	<b>Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)</b>					
	05 05 23 00-1337	EA		1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.71	0.30
	05 05 23 00-1338	EA		5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.80	0.30
	05 05 23 00-1339	EA		3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	0.87	0.30
	05 05 23 00-1340	EA		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.11	0.30
	05 05 23 00-1341	EA		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.29	0.30
	05 05 23 00-1342	EA		9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.45	0.30
	05 05 23 00-1343	EA		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	1.61	0.30
	05 05 23 00-1344	EA		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	2.17	0.59
	05 05 23 00-1345	EA		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	3.20	0.59
	05 05 23 00-1346	EA		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	4.45	0.59
	05 05 23 00-1347	EA		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	7.42	0.59
	05 05 23 00-1348	EA		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	9.54	0.59
	05 05 23 00-1349	EA		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	14.23	0.59
	05 05 23 00-1350	EA		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	16.63	0.90
	05 05 23 00-1351	EA		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	29.12	0.90
	05 05 23 00-1352	EA		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut.....	50.50	0.90
<b>05 05 23 00-1353</b>	<b>304 Stainless Steel Hex Nuts (05 05 23 00-1284)</b>					
	05 05 23 00-1354	EA		1/4" Diameter, 304 Stainless Steel Hex Nut.....	0.81	0.30
	05 05 23 00-1355	EA		5/16" Diameter, 304 Stainless Steel Hex Nut.....	0.96	0.30
	05 05 23 00-1356	EA		3/8" Diameter, 304 Stainless Steel Hex Nut.....	1.09	0.30
	05 05 23 00-1357	EA		7/16" Diameter, 304 Stainless Steel Hex Nut.....	1.67	0.30
	05 05 23 00-1358	EA		1/2" Diameter, 304 Stainless Steel Hex Nut.....	1.81	0.30
	05 05 23 00-1359	EA		9/16" Diameter, 304 Stainless Steel Hex Nut.....	2.82	0.30
	05 05 23 00-1360	EA		5/8" Diameter, 304 Stainless Steel Hex Nut.....	3.16	0.30
	05 05 23 00-1361	EA		3/4" Diameter, 304 Stainless Steel Hex Nut.....	3.64	0.59
	05 05 23 00-1362	EA		7/8" Diameter, 304 Stainless Steel Hex Nut.....	6.05	0.59
	05 05 23 00-1363	EA		1" Diameter, 304 Stainless Steel Hex Nut.....	9.33	0.59
	05 05 23 00-1364	EA		1-1/4" Diameter, 304 Stainless Steel Hex Nut.....	22.59	0.59
	05 05 23 00-1365	EA		1-1/2" Diameter, 304 Stainless Steel Hex Nut.....	43.58	0.90
	05 05 23 00-1366	EA		1-3/4" Diameter, 304 Stainless Steel Hex Nut.....	76.80	0.90
	05 05 23 00-1367	EA		2" Diameter, 304 Stainless Steel Hex Nut.....	109.55	0.90
<b>05 05 23 00-1368</b>	<b>316 Stainless Steel Hex Nuts (05 05 23 00-1284)</b>					
	05 05 23 00-1369	EA		1/4" Diameter, 316 Stainless Steel Hex Nut.....	0.96	0.30
	05 05 23 00-1370	EA		5/16" Diameter, 316 Stainless Steel Hex Nut.....	1.10	0.30
	05 05 23 00-1371	EA		3/8" Diameter, 316 Stainless Steel Hex Nut.....	1.32	0.30
	05 05 23 00-1372	EA		7/16" Diameter, 316 Stainless Steel Hex Nut.....	2.23	0.30
	05 05 23 00-1373	EA		1/2" Diameter, 316 Stainless Steel Hex Nut.....	2.40	0.30
	05 05 23 00-1374	EA		9/16" Diameter, 316 Stainless Steel Hex Nut.....	3.31	0.30
	05 05 23 00-1375	EA		5/8" Diameter, 316 Stainless Steel Hex Nut.....	3.76	0.30
	05 05 23 00-1376	EA		3/4" Diameter, 316 Stainless Steel Hex Nut.....	5.28	0.59
	05 05 23 00-1377	EA		7/8" Diameter, 316 Stainless Steel Hex Nut.....	7.39	0.59
	05 05 23 00-1378	EA		1" Diameter, 316 Stainless Steel Hex Nut.....	11.46	0.59
	05 05 23 00-1379	EA		1-1/4" Diameter, 316 Stainless Steel Hex Nut.....	35.15	0.59
	05 05 23 00-1380	EA		1-1/2" Diameter, 316 Stainless Steel Hex Nut.....	56.97	0.90
	05 05 23 00-1381	EA		1-3/4" Diameter, 316 Stainless Steel Hex Nut.....	96.30	0.90
	05 05 23 00-1382	EA		2" Diameter, 316 Stainless Steel Hex Nut.....	179.23	0.90
<b>05 05 23 00-1383</b>	<b>Flat Washers (05 05 23 00-1283)</b>					
<b>05 05 23 00-1384</b>	<b>Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)</b>					
	05 05 23 00-1385	EA		1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	0.05	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

05 05 23 00-1386	EA	5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.09
05 05 23 00-1387	EA	3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16
05 05 23 00-1388	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24
05 05 23 00-1389	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34
05 05 23 00-1390	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.39
05 05 23 00-1391	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66
05 05 23 00-1392	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95
05 05 23 00-1393	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.13
05 05 23 00-1394	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39
05 05 23 00-1395	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.57
05 05 23 00-1396	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.88
05 05 23 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.95
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.02
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.47
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	5.56

#### 05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.20
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.28
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.32
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.44
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.59
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	0.95
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.36
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	1.92
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.21
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	3.56
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.17
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	5.65
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	7.45
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	8.52
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	11.45
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer	13.74

#### 05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419	EA	1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.13
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.19
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.21
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.40
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.51
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.84
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	0.94
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	1.42
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.00
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	2.20
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.36
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	3.74
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.34
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	5.79
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer	8.40

#### 05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435	EA	1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.17
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.22
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.31
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	0.58
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.06
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.32
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.94
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	1.97
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	4.16
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	5.27
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.13
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.61
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	6.98
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	8.51
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	10.57
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer	20.77

#### 05 05 23 00-1451 316 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1452	EA	1/4" Inside Diameter, 316 Stainless Steel Flat Washer	0.32
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.35
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer	0.63
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer	0.74
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer	1.37
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer	2.47



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1458 EA 5/8" Inside Diameter, 316 Stainless Steel Flat Washer .....	2.91	
05 05 23 00-1459 EA 3/4" Inside Diameter, 316 Stainless Steel Flat Washer .....	3.66	
05 05 23 00-1460 EA 7/8" Inside Diameter, 316 Stainless Steel Flat Washer .....	5.67	
05 05 23 00-1461 EA 1" Inside Diameter, 316 Stainless Steel Flat Washer .....	6.34	
05 05 23 00-1462 EA 1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer .....	7.22	
05 05 23 00-1463 EA 1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer .....	8.90	
05 05 23 00-1464 EA 1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer .....	9.41	
05 05 23 00-1465 EA 1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer .....	9.62	
05 05 23 00-1466 EA 1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer .....	14.09	
<b>05 05 23 00-1467 Lock Washers</b> (05 05 23 00-1283)		
<b>05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers</b> (05 05 23 00-1467)		
05 05 23 00-1469 EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.02	
05 05 23 00-1470 EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.04	
05 05 23 00-1471 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.06	
05 05 23 00-1472 EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.10	
05 05 23 00-1473 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.13	
05 05 23 00-1474 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.22	
05 05 23 00-1475 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.25	
05 05 23 00-1476 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.38	
05 05 23 00-1477 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	0.63	
05 05 23 00-1478 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	1.14	
05 05 23 00-1479 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	1.66	
05 05 23 00-1480 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	2.55	
05 05 23 00-1481 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	4.03	
05 05 23 00-1482 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	4.75	
05 05 23 00-1483 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	8.47	
05 05 23 00-1484 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer .....	9.54	
<b>05 05 23 00-1485 Hot Dipped Galvanized Steel Lock Washers</b> (05 05 23 00-1467)		
05 05 23 00-1486 EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.10	
05 05 23 00-1487 EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.12	
05 05 23 00-1488 EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.16	
05 05 23 00-1489 EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.18	
05 05 23 00-1490 EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.28	
05 05 23 00-1491 EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.37	
05 05 23 00-1492 EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.44	
05 05 23 00-1493 EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	0.73	
05 05 23 00-1494 EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	1.05	
05 05 23 00-1495 EA 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	1.66	
05 05 23 00-1496 EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	3.01	
05 05 23 00-1497 EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	3.59	
05 05 23 00-1498 EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	5.17	
05 05 23 00-1499 EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	5.92	
05 05 23 00-1500 EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	8.01	
05 05 23 00-1501 EA 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer .....	10.91	
<b>05 05 23 00-1502 304/18-8 Stainless Steel Lock Washers</b> (05 05 23 00-1467)		
05 05 23 00-1503 EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	0.14	
05 05 23 00-1504 EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	0.19	
05 05 23 00-1505 EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	0.27	
05 05 23 00-1506 EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	0.51	
05 05 23 00-1507 EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	0.56	
05 05 23 00-1508 EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	1.36	
05 05 23 00-1509 EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	1.60	
05 05 23 00-1510 EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	1.87	
05 05 23 00-1511 EA 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	3.38	
05 05 23 00-1512 EA 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	4.77	
05 05 23 00-1513 EA 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	8.33	
05 05 23 00-1514 EA 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	11.08	
05 05 23 00-1515 EA 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	14.09	
05 05 23 00-1516 EA 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer .....	16.91	
<b>05 05 23 00-1517 316 Stainless Steel Lock Washers</b> (05 05 23 00-1467)		
05 05 23 00-1518 EA 1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	0.17	
05 05 23 00-1519 EA 5/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	0.37	
05 05 23 00-1520 EA 3/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	0.43	
05 05 23 00-1521 EA 7/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	0.73	
05 05 23 00-1522 EA 1/2" Inside Diameter, 316 Stainless Steel Lock Washer .....	0.81	
05 05 23 00-1523 EA 9/16" Inside Diameter, 316 Stainless Steel Lock Washer .....	1.45	
05 05 23 00-1524 EA 5/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	1.59	
05 05 23 00-1525 EA 3/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	2.75	
05 05 23 00-1526 EA 7/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	4.55	
05 05 23 00-1527 EA 1" Inside Diameter, 316 Stainless Steel Lock Washer .....	6.18	
05 05 23 00-1528 EA 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer .....	8.63	
05 05 23 00-1529 EA 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer .....	13.28	

**05 Metals****05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer.....		23.78	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer.....		26.41	
05 05 23 00-1532		<b>Load Indicating Washers</b> (05 05 23 00-1283)			
05 05 23 00-1533		<b>A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> (05 05 23 00-1533)			
05 05 23 00-1534		<b>Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> (05 05 23 00-1533)			
05 05 23 00-1535	EA	1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		2.76	
05 05 23 00-1536	EA	5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.13	
05 05 23 00-1537	EA	3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.37	
05 05 23 00-1538	EA	7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.83	
05 05 23 00-1539	EA	1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		4.62	
05 05 23 00-1540	EA	1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		7.69	
05 05 23 00-1541	EA	1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		9.94	
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		12.68	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		13.95	
05 05 23 00-1544		<b>Galvanized, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959)</b> (05 05 23 00-1533)			
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.50	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.89	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.79	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		4.62	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		5.48	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		8.26	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		10.39	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		14.79	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		16.27	
05 05 23 00-1554		<b>Beveled Washers</b> (05 05 23 00-1283)			
05 05 23 00-1555		<b>Plain Finish, Square Beveled Structural Washers (ASTM F436)</b> (05 05 23 00-1554)			
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.56	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.66	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.76	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		5.79	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		6.09	
05 05 23 00-1561		<b>Galvanized, Square Beveled Structural Washers (ASTM F436)</b> (05 05 23 00-1554)			
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.56	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.85	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.85	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....		7.25	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436).....		7.71	
05 05 23 00-1567		<b>Welded Stud Anchors</b> (05 05 23)			
05 05 23 00-1568	EA	1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....		4.98	
05 05 23 00-1569	EA	2-1/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....		5.09	
05 05 23 00-1570	EA	3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....		5.14	
05 05 23 00-1571	EA	4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....		5.18	
05 05 23 00-1572	EA	1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		4.88	
05 05 23 00-1573	EA	1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		5.15	
05 05 23 00-1574	EA	2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		5.42	
05 05 23 00-1575	EA	2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		5.56	
05 05 23 00-1576	EA	3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		5.70	
05 05 23 00-1577	EA	4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		6.26	
05 05 23 00-1578	EA	5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		6.72	
05 05 23 00-1579	EA	6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....		7.09	
05 05 23 00-1580	EA	1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		6.00	
05 05 23 00-1581	EA	1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		6.04	
05 05 23 00-1582	EA	2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		6.46	
05 05 23 00-1583	EA	2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		6.86	
05 05 23 00-1584	EA	3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		7.35	
05 05 23 00-1585	EA	4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		8.11	
05 05 23 00-1586	EA	5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		8.60	
05 05 23 00-1587	EA	6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		9.94	
05 05 23 00-1588	EA	8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....		12.47	
05 05 23 00-1589	EA	2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		8.60	
05 05 23 00-1590	EA	3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		9.24	
05 05 23 00-1591	EA	3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		9.76	
05 05 23 00-1592	EA	4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		10.28	
05 05 23 00-1593	EA	4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		10.71	
05 05 23 00-1594	EA	5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....		11.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1595 EA 6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	11.62	
05 05 23 00-1596 EA 6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	13.79	
05 05 23 00-1597 EA 8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	16.78	
<b>05 05 23 00-1598 Welded Shear Stud Connector</b> <small>(05 05 23)</small>		
<b>05 05 23 00-1599 3/4" Diameter Welded Shear Stud Connector</b> <small>(05 05 23 00-1598)</small>		
05 05 23 00-1600 EA 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	11.04	
05 05 23 00-1601 EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector.....	11.50	
05 05 23 00-1602 EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector.....	11.62	
05 05 23 00-1603 EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	11.68	
05 05 23 00-1604 EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector.....	12.20	
05 05 23 00-1605 EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector.....	13.15	
05 05 23 00-1606 EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector.....	22.34	
05 05 23 00-1607 EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	14.25	
05 05 23 00-1608 EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector.....	15.93	
05 05 23 00-1609 EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	20.70	
05 05 23 00-1610 EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	21.22	
05 05 23 00-1611 EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	23.05	
05 05 23 00-1612 EA 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	30.74	
<b>05 05 23 00-1613 7/8" Diameter Welded Shear Stud Connector</b> <small>(05 05 23 00-1598)</small>		
05 05 23 00-1614 EA 7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	13.33	
05 05 23 00-1615 EA 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector.....	14.07	
05 05 23 00-1616 EA 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	14.80	
05 05 23 00-1617 EA 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	16.91	
05 05 23 00-1618 EA 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	21.83	
05 05 23 00-1619 EA 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	24.06	
05 05 23 00-1620 EA 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	26.25	
05 05 23 00-1621 EA 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector.....	32.42	
<b>05 05 23 00-1622 1" Diameter Welded Shear Stud Connector</b> <small>(05 05 23 00-1598)</small>		
05 05 23 00-1623 EA 1" Diameter x 3-1/4" Long, Welded Shear Stud Connector.....	18.13	
05 05 23 00-1624 EA 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector.....	20.39	
05 05 23 00-1625 EA 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector.....	23.71	
05 05 23 00-1626 EA 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector.....	30.16	
05 05 23 00-1627 EA 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector.....	33.64	
05 05 23 00-1628 EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector.....	37.12	
<b>05 10 Structural Metal Framing</b> <small>(05)</small>		
<b>05 12 Structural Steel Framing</b> <small>(05 10)</small>		
<b>05 12 23 Structural Steel for Buildings</b> <small>(05 12)</small>		
See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.		
<b>05 12 23 00-0001 Rolled Steel Members</b> <small>(05 12 23)</small>		
Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.		
<b>05 12 23 00-0002 Beams, Girders And Columns</b> <small>(05 12 23 00-0001)</small>		
Note: For one and two story I beams and W shapes and HP shapes.		
05 12 23 00-0003 TON Up To 30 Lb./LF Beams, Girders And Columns.....	12,613.95	1,476.13
For ASTM A242 Type 2 High Strength Steel, Add	764.81	
For Hot Dip Galvanizing, Add	2,676.84	
For >10 To 25 Tons, Deduct	-812.61	
For >25 To 50 Tons, Deduct	-1,673.03	
For >50 Tons, Deduct	-2,390.04	
05 12 23 00-0004 TON >30-65 Lb./LF Beams, Girders And Columns.....	8,864.04	954.21
For ASTM A242 Type 2 High Strength Steel, Add	627.69	
For Hot Dip Galvanizing, Add	2,196.91	
For >10 To 25 Tons, Deduct	-666.92	
For >25 To 50 Tons, Deduct	-1,373.07	
For >50 Tons, Deduct	-1,961.53	
05 12 23 00-0005 TON >65-100 Lb./LF Beams, Girders And Columns.....	7,538.22	536.80
For ASTM A242 Type 2 High Strength Steel, Add	557.25	
For Hot Dip Galvanizing, Add	1,950.38	
For >10 To 25 Tons, Deduct	-592.08	
For >25 To 50 Tons, Deduct	-1,218.99	
For >50 Tons, Deduct	-1,741.41	
05 12 23 00-0006 TON >100-300 Lb./LF Beams, Girders And Columns.....	5,067.22	285.72
For ASTM A242 Type 2 High Strength Steel, Add	380.95	
For Hot Dip Galvanizing, Add	1,333.32	
For >10 To 25 Tons, Deduct	-404.76	
For >25 To 50 Tons, Deduct	-833.32	
For >50 Tons, Deduct	-1,190.46	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 12 23 00-0007 Trusses, Built-Up</b> <small>(05 12 23 00-0001)</small>		
05 12 23 00-0008 TON Built-Up Trusses, Rolled Structural Steel Members.....	9,406.08	1,003.89
For ASTM A242 Type 2 High Strength Steel, Add	666.87	
For Hot Dip Galvanizing, Add	2,334.03	
For >10 To 25 Tons, Deduct	-708.54	
For >25 To 50 Tons, Deduct	-1,458.77	
For >50 Tons, Deduct	-2,083.96	
<b>05 12 23 00-0009 Shapes</b> <small>(05 12 23 00-0001)</small>		
<b>05 12 23 00-0010 Rolled Shape Steel Angles</b> <small>(05 12 23 00-0009)</small>		
05 12 23 00-0011 TON Up To 10 Lb./LF Rolled Shape Steel Angles .....	18,379.75	2,744.12
For ASTM A242 Type 2 High Strength Steel, Add	1,104.50	
For Hot Dip Galvanizing, Add	3,865.74	
For >10 To 25 Tons, Deduct	-1,173.53	
For >25 To 50 Tons, Deduct	-2,416.09	
For >50 Tons, Deduct	-3,451.55	
05 12 23 00-0012 TON >10 To 20 Lb./LF Rolled Shape Steel Angles.....	16,260.86	1,610.40
For ASTM A242 Type 2 High Strength Steel, Add	1,056.57	
For Hot Dip Galvanizing, Add	3,697.98	
For >10 To 25 Tons, Deduct	-1,122.60	
For >25 To 50 Tons, Deduct	-2,311.24	
For >50 Tons, Deduct	-3,301.77	
05 12 23 00-0013 TON >20 To 58 Lb./LF Rolled Shape Steel Angles.....	12,635.83	954.21
For ASTM A242 Type 2 High Strength Steel, Add	929.44	
For Hot Dip Galvanizing, Add	3,253.06	
For >10 To 25 Tons, Deduct	-987.54	
For >25 To 50 Tons, Deduct	-2,033.16	
For >50 Tons, Deduct	-2,904.52	
<b>05 12 23 00-0014 Rolled C, MC Steel Channels</b> <small>(05 12 23 00-0009)</small>		
05 12 23 00-0015 TON Up To 10 Lb./LF Rolled C, MC Steel Channels .....	19,889.96	3,757.60
For ASTM A242 Type 2 High Strength Steel, Add	1,087.82	
For Hot Dip Galvanizing, Add	3,807.39	
For >10 To 25 Tons, Deduct	-1,155.81	
For >25 To 50 Tons, Deduct	-2,379.62	
For >50 Tons, Deduct	-3,399.45	
05 12 23 00-0016 TON >10 To 20 Rolled C, MC Steel Channels .....	16,078.52	2,862.93
For ASTM A242 Type 2 High Strength Steel, Add	1,041.98	
For Hot Dip Galvanizing, Add	3,646.92	
For >10 To 25 Tons, Deduct	-1,107.10	
For >25 To 50 Tons, Deduct	-2,279.33	
For >50 Tons, Deduct	-3,256.18	
05 12 23 00-0017 TON >20 To 58 Lb./LF Rolled C, MC Steel Channels.....	12,427.43	954.21
For ASTM A242 Type 2 High Strength Steel, Add	912.77	
For Hot Dip Galvanizing, Add	3,194.70	
For >10 To 25 Tons, Deduct	-969.82	
For >25 To 50 Tons, Deduct	-1,996.69	
For >50 Tons, Deduct	-2,852.42	
<b>05 12 23 00-0018 Double L Shape Steel Angles</b> <small>(05 12 23 00-0009)</small>		
05 12 23 00-0019 TON Up To 20 Lb./LF Double L Shape Steel Angles .....	17,096.50	2,177.26
For ASTM A242 Type 2 High Strength Steel, Add	1,062.82	
For Hot Dip Galvanizing, Add	3,719.86	
For >10 To 25 Tons, Deduct	-1,129.24	
For >25 To 50 Tons, Deduct	-2,324.91	
For >50 Tons, Deduct	-3,321.31	
05 12 23 00-0020 TON >20 To 50 Lb./LF Double L Shape Steel Angles.....	13,521.51	954.21
For ASTM A242 Type 2 High Strength Steel, Add	1,000.30	
For Hot Dip Galvanizing, Add	3,501.05	
For >10 To 25 Tons, Deduct	-1,062.82	
For >25 To 50 Tons, Deduct	-2,188.15	
For >50 Tons, Deduct	-3,125.94	
05 12 23 00-0021 TON >50 To 80 Lb./LF Double L Shape Steel Angles.....	10,210.88	536.80
For ASTM A242 Type 2 High Strength Steel, Add	771.06	
For Hot Dip Galvanizing, Add	2,698.72	
For >10 To 25 Tons, Deduct	-819.26	
For >25 To 50 Tons, Deduct	-1,686.70	
For >50 Tons, Deduct	-2,409.58	
05 12 23 00-0022 TON >80 To 115 Lb./LF Double L Shape Steel Angles.....	6,556.78	286.15
For ASTM A242 Type 2 High Strength Steel, Add	500.15	
For Hot Dip Galvanizing, Add	1,750.52	
For >10 To 25 Tons, Deduct	-531.41	
For >25 To 50 Tons, Deduct	-1,094.08	
For >50 Tons, Deduct	-1,562.97	
<b>05 12 23 00-0023 Structural WT, MT, ST Tee Shapes</b> <small>(05 12 23 00-0001)</small>		





	<b>Metals</b>	<b>05</b>
	<b>Structural Metal Framing</b>	<b>05 10</b>
	<b>Structural Steel Framing</b>	<b>05 12</b>

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0024	TON		Up To 30 Lb./LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,557.53 1,000.30 3,501.05 -1,062.82 -2,188.15 -3,125.94	1,610.40
05 12 23 00-0025	TON		>30 To 65 Lb./LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,578.08 764.81 2,676.84 -812.61 -1,673.03 -2,390.04	954.21
05 12 23 00-0026	TON		>65 To 100 Lb./LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	8,387.42 625.19 2,188.16 -664.26 -1,367.60 -1,953.71	536.80
05 12 23 00-0027	TON		>100 To 365 Lb./LF Structural WT, MT, ST Tee Shapes <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	6,192.56 470.97 1,648.41 -500.41 -1,030.26 -1,471.80	285.72
05 12 23 00-0028			<b>Combination Section Shapes</b> (05 12 23 00-0001)		
05 12 23 00-0029			<b>Combination Section, W Shapes And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0030	TON		Up To 30 Lb./LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	14,749.99 935.70 3,274.94 -994.18 -2,046.84 -2,924.05	1,610.40
05 12 23 00-0031	TON		>30-65 Lb./LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,656.25 771.07 2,698.73 -819.26 -1,686.71 -2,409.58	954.21
05 12 23 00-0032	TON		>65-100 Lb./LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	7,736.18 573.09 2,005.81 -608.91 -1,253.63 -1,790.90	536.80
05 12 23 00-0033	TON		>100-300 Lb./LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	6,713.08 512.65 1,794.29 -544.69 -1,121.43 -1,602.04	285.72
05 12 23 00-0034	TON		>300-500 Lb./LF Combination Section - W Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	5,805.43 452.22 1,582.77 -480.48 -989.23 -1,413.19	143.44
05 12 23 00-0035			<b>Combination Section, S Shapes And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0036	TON		>30-65 Lb./LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,239.44 737.72 2,582.02 -783.83 -1,613.76 -2,305.38	954.21
05 12 23 00-0037	TON		>65-100 Lb./LF Combination Section - S Shapes And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	7,762.23 575.17 2,013.10 -611.12 -1,258.19 -1,797.41	536.80
05 12 23 00-0038			<b>Combination Section, Channels And Angles</b> (05 12 23 00-0028)		
05 12 23 00-0039	TON		Up To 30 Lb./LF Combination Section - Channels And Angles <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,557.53 1,000.30 3,501.05 -1,062.82 -2,188.15 -3,125.94	1,610.40



05	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0040 TON >30-65 Lb./L.F Combination Section - Channels And Angles .....	11,177.22	954.21
For ASTM A242 Type 2 High Strength Steel, Add	812.74	
For Hot Dip Galvanizing, Add	2,844.60	
For >10 To 25 Tons, Deduct	-863.54	
For >25 To 50 Tons, Deduct	-1,777.88	
For >50 Tons, Deduct	-2,539.82	
05 12 23 00-0041 TON >65-100 Lb./L.F Combination Section - Channels And Angles .....	7,944.57	536.80
For ASTM A242 Type 2 High Strength Steel, Add	589.76	
For Hot Dip Galvanizing, Add	2,064.16	
For >10 To 25 Tons, Deduct	-626.62	
For >25 To 50 Tons, Deduct	-1,290.10	
For >50 Tons, Deduct	-1,843.00	
<b>05 12 23 00-0042 Standard Weight Pipe</b> (05 12 23 00-0001)		
05 12 23 00-0043 TON 1/2" To 5" Diameter Standard Weight Pipe .....	9,043.57	858.88
For ASTM A242 Type 2 High Strength Steel, Add	650.19	
For Hot Dip Galvanizing, Add	2,275.68	
For >10 To 25 Tons, Deduct	-690.83	
For >25 To 50 Tons, Deduct	-1,422.30	
For >50 Tons, Deduct	-2,031.86	
05 12 23 00-0044 TON >5" To 12" Diameter Standard Weight Pipe .....	9,637.29	1,073.60
For ASTM A242 Type 2 High Strength Steel, Add	679.37	
For Hot Dip Galvanizing, Add	2,377.79	
For >10 To 25 Tons, Deduct	-721.83	
For >25 To 50 Tons, Deduct	-1,486.12	
For >50 Tons, Deduct	-2,123.03	
<b>05 12 23 00-0045 Structural Steel Shapes</b> (05 12 23)		
Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0101 for field fabrication of additional structural metal connections.		
<b>05 12 23 00-0046 Steel Rods</b> (05 12 23 00-0045)		
05 12 23 00-0047 TON 1/2" To 5" Diameter Extra Strong Steel, Solid .....	9,780.93	671.07
For ASTM A242 Type 2 High Strength Steel, Add	725.22	
For Hot Dip Galvanizing, Add	2,538.26	
For >10 To 25 Tons, Deduct	-770.54	
For >25 To 50 Tons, Deduct	-1,586.41	
For >50 Tons, Deduct	-2,266.30	
05 12 23 00-0048 TON >5" To 12" Diameter Extra Strong Steel, Solid .....	11,177.22	954.21
For ASTM A242 Type 2 High Strength Steel, Add	812.74	
For Hot Dip Galvanizing, Add	2,844.60	
For >10 To 25 Tons, Deduct	-863.54	
For >25 To 50 Tons, Deduct	-1,777.88	
For >50 Tons, Deduct	-2,539.82	
<b>05 12 23 00-0049 Column Base Plates</b> (05 12 23 00-0045)		
05 12 23 00-0050 LB Column Base Plates, Up To 150 Lb. / Each, A36 Miscellaneous Steel Items .....	4.90	0.94
For ASTM A242 Type 2 High Strength Steel, Add	0.31	
For Hot Dip Galvanizing, Add	1.09	
05 12 23 00-0051 LB Column Base Plates, >150 Lb. / Each, A36 Miscellaneous Steel Items .....	4.60	0.80
For ASTM A242 Type 2 High Strength Steel, Add	0.30	
For Hot Dip Galvanizing, Add	1.04	
05 12 23 00-0052 TON Column Base Plates, Up To 150 Lb. Each, A36 Miscellaneous Steel Items .....	8,947.41	833.75
For ASTM A242 Type 2 High Strength Steel, Add	644.65	
For Hot Dip Galvanizing, Add	2,256.26	
For >10 To 25 Tons, Deduct	-684.94	
For >25 To 50 Tons, Deduct	-1,410.16	
For >50 Tons, Deduct	-2,014.52	
05 12 23 00-0053 TON Column Base Plates, >150 Lb. Each, A36 Miscellaneous Steel Items .....	6,361.91	500.25
For ASTM A242 Type 2 High Strength Steel, Add	466.26	
For Hot Dip Galvanizing, Add	1,631.92	
For >10 To 25 Tons, Deduct	-495.41	
For >25 To 50 Tons, Deduct	-1,019.95	
For >50 Tons, Deduct	-1,457.08	
<b>05 12 23 00-0054 Double Extra Strong Pipes</b> (05 12 23 00-0045)		
05 12 23 00-0055 TON 2" To 5" Diameter Double Extra Strong Pipe .....	11,676.44	1,226.91
For ASTM A242 Type 2 High Strength Steel, Add	829.41	
For Hot Dip Galvanizing, Add	2,902.95	
For >10 To 25 Tons, Deduct	-881.25	
For >25 To 50 Tons, Deduct	-1,814.34	
For >50 Tons, Deduct	-2,591.92	
05 12 23 00-0056 TON >5" To 8" Diameter Double Extra Strong Pipe .....	11,072.40	660.62
For ASTM A242 Type 2 High Strength Steel, Add	829.41	
For Hot Dip Galvanizing, Add	2,902.95	
For >10 To 25 Tons, Deduct	-881.25	
For >25 To 50 Tons, Deduct	-1,814.34	
For >50 Tons, Deduct	-2,591.92	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0057	<b>Structural Pipes</b> <small>(05 12 23 00-0045)</small>		
05 12 23 00-0058	TON 3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	8,166.03 583.51 2,042.28 -619.98 -1,276.42 -1,823.46	566.86
05 12 23 00-0059	TON >5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	8,736.13 583.51 2,042.28 -619.98 -1,276.42 -1,823.46	653.75
05 12 23 00-0060	<b>Structural Tubing</b> <small>(05 12 23 00-0045)</small>		
05 12 23 00-0061	<b>Rectangle Structural Tubing</b> <small>(05 12 23 00-0060)</small>		
05 12 23 00-0062	TON 3" x 2" Weight Range 5-7 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	13,635.48 1,041.98 3,646.92 -1,107.10 -2,279.33 -3,256.18	572.58
05 12 23 00-0063	TON 4" x 3", 2" Weight Range 6-13 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	13,729.45 1,041.98 3,646.92 -1,107.10 -2,279.33 -3,256.18	660.62
05 12 23 00-0064	TON 5" x 4", 3", 2" Weight Range 8-20 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,964.71 896.10 3,136.35 -952.11 -1,960.22 -2,800.32	715.73
05 12 23 00-0065	TON 6" x 4", 3", 2" Weight Range 9-29 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,335.92 833.58 2,917.54 -885.68 -1,823.46 -2,604.95	858.88
05 12 23 00-0066	TON 7" x 5", 4", 3" Weight Range 12-35 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,133.11 809.21 2,832.25 -859.79 -1,770.16 -2,528.80	954.21
05 12 23 00-0067	TON 8" x 6", 4", 3", 2" Weight Range 11-42 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,285.32 790.14 2,765.49 -839.52 -1,728.43 -2,469.19	1,320.53
05 12 23 00-0068	TON 10" x 6", 4", 2" Weight Range 15-50 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,708.76 787.74 2,757.07 -836.97 -1,723.17 -2,461.67	1,745.67
05 12 23 00-0069	TON 12" x 6", 4", 2" Weight Range 17-76 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,984.94 796.07 2,786.25 -845.83 -1,741.41 -2,487.72	1,906.85
05 12 23 00-0070	TON 14" x 10", 6", 4" Weight Range 29-76 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	12,241.24 796.07 2,786.25 -845.83 -1,741.41 -2,487.72	2,147.20
05 12 23 00-0071	TON 16" x 12", 8", 4" Weight Range 40-90 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	12,900.48 787.74 2,757.07 -836.97 -1,723.17 -2,461.67	2,862.93
05 12 23 00-0072	TON 18" x 6", 4" Weight Range 48-76 Lb./LF Structural Tubing - Rectangle ..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	14,397.85 766.90 2,684.14 -814.83 -1,677.59 -2,396.55	4,510.97

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0073	TON 20" x 12", 8", 4" Weight Range 48-105 Lb./LF Structural Tubing - Rectangle..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	16,179.03 732.27 2,562.96 -778.04 -1,601.85 -2,288.36	6,586.60
<b>05 12 23 00-0074</b>	<b>Square Structural Tubing</b> (05 12 23 00-0060)		
05 12 23 00-0075	TON 2" x 2" Weight Range 4-6 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	13,597.31 1,041.98 3,646.92 -1,107.10 -2,279.33 -3,256.18	536.80
05 12 23 00-0076	TON 2.5" x 2.5" Weight Range 5-8 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	13,635.48 1,041.98 3,646.92 -1,107.10 -2,279.33 -3,256.18	572.58
05 12 23 00-0077	TON 3" x 3" Weight Range 6-11 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	12,225.21 916.94 3,209.29 -974.25 -2,005.81 -2,865.44	715.73
05 12 23 00-0078	TON 3.5" x 3.5" Weight Range 8-13 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	12,117.40 896.10 3,136.35 -952.11 -1,960.22 -2,800.32	858.88
05 12 23 00-0079	TON 4" x 4" Weight Range 10-22 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	9,689.39 683.54 2,392.38 -726.26 -1,495.24 -2,136.06	1,073.60
05 12 23 00-0080	TON 5" x 5" Weight Range 12-30 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	9,852.98 683.54 2,392.38 -726.26 -1,495.24 -2,136.06	1,226.91
05 12 23 00-0081	TON 6" x 6" Weight Range 15-35 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,376.49 683.54 2,392.38 -726.26 -1,495.24 -2,136.06	1,717.75
05 12 23 00-0082	TON 7" x 7" Weight Range 17-42 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,990.87 696.04 2,436.15 -739.54 -1,522.59 -2,175.13	2,147.20
05 12 23 00-0083	TON 8" x 8" Weight Range 20-60 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	13,160.98 808.58 2,830.01 -859.11 -1,768.76 -2,526.80	2,862.93
05 12 23 00-0084	TON 10" x 10" Weight Range 33-77 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	14,687.88 808.58 2,830.01 -859.11 -1,768.76 -2,526.80	4,294.39
05 12 23 00-0085	TON 12" x 12" Weight Range 40-80 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	14,076.92 696.04 2,436.15 -739.54 -1,522.59 -2,175.13	5,040.33
05 12 23 00-0086	TON 14" x 14" Weight Range 57-90 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	16,924.39 791.90 2,771.66 -841.40 -1,732.29 -2,474.70	6,586.60



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0087	TON		16" x 16" Weight Range 65-105 Lb./LF Structural Tubing - Square..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	19,268.56 808.58 2,830.01 -859.11 -1,768.76 -2,526.80	8,588.79
<b>05 12 23 00-0088</b>			<b>Structural Shapes</b> (05 12 23 00-0045)		
05 12 23 00-0089	TON		Up To 20 Lb./LF Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;20 To 50 Lb./LF, Deduct</i> <i>For &gt;50 To 75 Lb./LF, Deduct</i> <i>For &gt;75 To 100 Lb./LF, Deduct</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	9,008.41 297.18 1,040.13 -1,165.52 -1,880.63 -2,595.73 -315.75 -650.08 -928.69	3,335.02
05 12 23 00-0090	TON		Structural Shapes, Steel Plate A36 Structural Steel ..... Note: Up to 21.5 Lb. per SF <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For &gt;21.5 To 50 Lb./LF, Deduct</i> <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,109.94 666.88 2,334.08 -1,099.69 -708.56 -1,458.80 -2,084.00	1,334.01
05 12 23 00-0091	LB		Up To 20 Lb./LF Structural Shapes, Primed Pipe Supports.....	5.89	0.30
05 12 23 00-0092	LB		Structural Shapes, Galvanized Pipe Supports.....	7.19	0.30
<b>05 12 23 00-0093</b>			<b>Built-Up Trusses</b> (05 12 23 00-0045)		
05 12 23 00-0094	TON		Up To 50 LF Span Average Weight 100 Lb./LF Trusses, Built-up ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	11,060.20 -901.18 -1,855.37 -2,650.53	429.44
05 12 23 00-0095	TON		>50-100 LF Span Average Weight 120 Lb./LF Trusses, Built-up..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	10,960.80 -910.04 -1,873.61 -2,676.58	238.48
05 12 23 00-0096	TON		>100-200 LF Span Average Weight 150 Lb./LF Trusses, Built-up..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	9,773.02 -819.26 -1,686.70 -2,409.58	126.26
05 12 23 00-0097	TON		>200 LF Span Average Weight 180 Lb./LF Trusses, Built-up..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	9,505.04 -797.11 -1,641.12 -2,344.45	119.38
05 12 23 00-0098			<b>Accessories For Steel</b> (05 12 23)		
05 12 23 00-0099			<b>Field Painting For Touch-Up Of Shop Prime Coat</b> (05 12 23 00-0098)		
05 12 23 00-0100	SF		Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	1.59	
<b>05 12 23 00-0101</b>			<b>Connection And Stiffener Plates</b> (05 12 23 00-0098) Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0102	TON		1/8" Plate Weight 6.16 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	24,065.21 -2,045.54 -4,211.41 -6,016.30	
05 12 23 00-0103	TON		3/16" Plate Weight 8.71 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	20,532.34 -1,745.25 -3,593.16 -5,133.09	
05 12 23 00-0104	TON		1/4" Plate Weight 11.26 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,878.08 -1,349.64 -2,778.66 -3,969.52	
05 12 23 00-0105	TON		5/16" Plate Weight 13.81 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,878.08 -1,349.64 -2,778.66 -3,969.52	
05 12 23 00-0106	TON		3/8" Plate Weight 16.37 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,878.08 -1,349.64 -2,778.66 -3,969.52	
05 12 23 00-0107	TON		1/2" Plate Weight 21.47 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,878.08 -1,349.64 -2,778.66 -3,969.52	
05 12 23 00-0108	TON		9/16" Plate Weight 24.02 Lb./SF Connection And Stiffener Plates ..... <i>For &gt;10 To 25 Tons, Deduct</i> <i>For &gt;25 To 50 Tons, Deduct</i> <i>For &gt;50 Tons, Deduct</i>	15,878.08 -1,349.64 -2,778.66 -3,969.52	

05	05	Metals
	05 10	Structural Metal Framing
	05 12	Structural Steel Framing



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0109	TON	5/8" Plate Weight 26.58 Lb./SF Connection And Stiffener Plates .....	15,878.08	
		<i>For &gt;10 To 25 Tons, Deduct</i>	-1,349.64	
		<i>For &gt;25 To 50 Tons, Deduct</i>	-2,778.66	
		<i>For &gt;50 Tons, Deduct</i>	-3,969.52	
05 12 23 00-0110	TON	3/4" Plate Weight 31.68 Lb./SF Connection And Stiffener Plates .....	14,885.70	
		<i>For &gt;10 To 25 Tons, Deduct</i>	-1,265.28	
		<i>For &gt;25 To 50 Tons, Deduct</i>	-2,605.00	
		<i>For &gt;50 Tons, Deduct</i>	-3,721.43	
05 12 23 00-0111	TON	7/8" Plate Weight 36.78 Lb./SF Connection And Stiffener Plates .....	14,885.70	
		<i>For &gt;10 To 25 Tons, Deduct</i>	-1,265.28	
		<i>For &gt;25 To 50 Tons, Deduct</i>	-2,605.00	
		<i>For &gt;50 Tons, Deduct</i>	-3,721.43	
05 12 23 00-0112	TON	1" Plate Weight 41.89 Lb./SF Connection And Stiffener Plates .....	14,885.70	
		<i>For &gt;10 To 25 Tons, Deduct</i>	-1,265.28	
		<i>For &gt;25 To 50 Tons, Deduct</i>	-2,605.00	
		<i>For &gt;50 Tons, Deduct</i>	-3,721.43	
05 12 23 00-0113		<b>Field Applied Cold Galvanizing</b> <small>(05 12 23 00-0098)</small>		
05 12 23 00-0114	SF	Brush Applied Cold Galvanizing .....		2.13
05 12 23 00-0115		<b>Metal Grinding</b> <small>(05 12 23 00-0098)</small>		
		Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
05 12 23 00-0116	SI	Metal Grinding Up To 1/32" Thickness To Be Removed.....		1.02
		Note: Includes rust or scale removal on metal and smoothing surface.		
05 12 23 00-0117		<b>Structural Steel For Buildings And Structures</b> <small>(05 12 23)</small>		
		Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.		
05 12 23 00-0118		<b>First Tier A992/A36 Structural Steel Columns, W Shapes</b> <small>(05 12 23 00-0117)</small>		
		Note: With base plate. Includes material delivery and erection.		
05 12 23 00-0119	LF	W14 x 730 A992/A36 Structural Column .....	1,681.41	92.50
		<i>For Hot Dip Galvanizing, Add</i>	439.23	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	151.33	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	336.28	
05 12 23 00-0120	LF	W14 x 665 A992/A36 Structural Column .....	1,533.77	86.22
		<i>For Hot Dip Galvanizing, Add</i>	400.12	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	138.04	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	306.75	
05 12 23 00-0121	LF	W14 x 605 A992/A36 Structural Column .....	1,397.34	80.25
		<i>For Hot Dip Galvanizing, Add</i>	364.02	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	125.76	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	279.47	
05 12 23 00-0122	LF	W14 x 550 A992/A36 Structural Column .....	1,272.11	74.65
		<i>For Hot Dip Galvanizing, Add</i>	330.92	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	114.49	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	254.42	
05 12 23 00-0123	LF	W14 x 500 A992/A36 Structural Column .....	1,163.54	74.43
		<i>For Hot Dip Galvanizing, Add</i>	300.84	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	104.72	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	232.71	
05 12 23 00-0124	LF	W14 x 426 A992/A36 Structural Column .....	992.92	64.99
		<i>For Hot Dip Galvanizing, Add</i>	256.32	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	89.36	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	198.58	
05 12 23 00-0125	LF	W14 x 342 A992/A36 Structural Column .....	803.31	56.26
		<i>For Hot Dip Galvanizing, Add</i>	206.29	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	72.30	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	160.66	
05 12 23 00-0126	LF	W14 x 311 A992/A36 Structural Column .....	723.73	52.54
		<i>For Hot Dip Galvanizing, Add</i>	185.28	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	65.14	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.75	
05 12 23 00-0127	LF	W14 x 283 A992/A36 Structural Column .....	657.12	49.53
		<i>For Hot Dip Galvanizing, Add</i>	167.71	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	59.14	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	131.42	
05 12 23 00-0128	LF	W14 x 257 A992/A36 Structural Column .....	577.98	46.95
		<i>For Hot Dip Galvanizing, Add</i>	146.50	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	52.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	115.60	
05 12 23 00-0129	LF	W14 x 233 A992/A36 Structural Column .....	531.94	43.66
		<i>For Hot Dip Galvanizing, Add</i>	134.70	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	47.87	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	106.39	
05 12 23 00-0130	LF	W14 x 211 A992/A36 Structural Column .....	473.36	40.65
		<i>For Hot Dip Galvanizing, Add</i>	119.32	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	42.60	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	94.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0131 LF W14 x 193 A992/A36 Structural Column .....	428.35	38.64
<i>For Hot Dip Galvanizing, Add</i>	107.43	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	38.55	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	85.67	
05 12 23 00-0132 LF W14 x 176 A992/A36 Structural Column .....	386.30	36.93
<i>For Hot Dip Galvanizing, Add</i>	96.28	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	34.77	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	77.26	
05 12 23 00-0133 LF W14 x 159 A992/A36 Structural Column .....	349.54	35.64
<i>For Hot Dip Galvanizing, Add</i>	86.47	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	31.46	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	69.91	
05 12 23 00-0134 LF W14 x 145 A992/A36 Structural Column .....	337.80	34.50
<i>For Hot Dip Galvanizing, Add</i>	83.53	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.40	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	67.56	
05 12 23 00-0135 LF W14 x 132 A992/A36 Structural Column .....	289.26	32.92
<i>For Hot Dip Galvanizing, Add</i>	70.54	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	26.03	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	57.85	
05 12 23 00-0136 LF W14 x 120 A992/A36 Structural Column .....	271.36	32.06
<i>For Hot Dip Galvanizing, Add</i>	65.81	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.42	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	54.27	
05 12 23 00-0137 LF W14 x 109 A992/A36 Structural Column .....	243.20	30.78
<i>For Hot Dip Galvanizing, Add</i>	58.39	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.89	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	48.64	
05 12 23 00-0138 LF W14 x 99 A992/A36 Structural Column .....	222.12	29.92
<i>For Hot Dip Galvanizing, Add</i>	52.82	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.99	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	44.42	
05 12 23 00-0139 LF W14 x 90 A992/A36 Structural Column .....	206.51	29.20
<i>For Hot Dip Galvanizing, Add</i>	48.68	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.59	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	41.30	
05 12 23 00-0140 LF W14 x 82 A992/A36 Structural Column .....	190.40	28.34
<i>For Hot Dip Galvanizing, Add</i>	44.45	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.14	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	38.08	
05 12 23 00-0141 LF W14 x 74 A992/A36 Structural Column .....	172.14	27.63
<i>For Hot Dip Galvanizing, Add</i>	39.62	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.49	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	34.43	
05 12 23 00-0142 LF W14 x 68 A992/A36 Structural Column .....	160.95	27.20
<i>For Hot Dip Galvanizing, Add</i>	36.64	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.49	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	32.19	
05 12 23 00-0143 LF W14 x 61 A992/A36 Structural Column .....	146.95	26.48
<i>For Hot Dip Galvanizing, Add</i>	32.95	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.23	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	29.39	
05 12 23 00-0144 LF W14 x 53 A992/A36 Structural Column .....	134.04	25.76
<i>For Hot Dip Galvanizing, Add</i>	29.57	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.06	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.81	
05 12 23 00-0145 LF W14 x 48 A992/A36 Structural Column .....	125.71	25.33
<i>For Hot Dip Galvanizing, Add</i>	27.38	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.31	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.14	
05 12 23 00-0146 LF W14 x 43 A992/A36 Structural Column .....	113.66	24.90
<i>For Hot Dip Galvanizing, Add</i>	24.19	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.23	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	22.73	
05 12 23 00-0147 LF W12 x 336 A992/A36 Structural Column .....	766.57	41.20
<i>For Hot Dip Galvanizing, Add</i>	200.54	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	68.99	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	153.31	
05 12 23 00-0148 LF W12 x 305 A992/A36 Structural Column .....	699.03	40.38
<i>For Hot Dip Galvanizing, Add</i>	182.03	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	62.91	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	139.81	
05 12 23 00-0149 LF W12 x 279 A992/A36 Structural Column .....	642.58	39.89
<i>For Hot Dip Galvanizing, Add</i>	166.52	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	57.83	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	128.52	
05 12 23 00-0150 LF W12 x 252 A992/A36 Structural Column .....	583.45	38.90
<i>For Hot Dip Galvanizing, Add</i>	150.40	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	52.51	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	116.69	
05 12 23 00-0151 LF W12 x 230 A992/A36 Structural Column .....	535.54	38.33
<i>For Hot Dip Galvanizing, Add</i>	137.27	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	48.20	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	107.11	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0152	LF	W12 x 210 A992/A36 Structural Column	491.94	37.79
		<i>For Hot Dip Galvanizing, Add</i>	125.34	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	44.27	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	98.39	
05 12 23 00-0153	LF	W12 x 190 A992/A36 Structural Column	450.88	39.50
		<i>For Hot Dip Galvanizing, Add</i>	113.40	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	40.58	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	90.18	
05 12 23 00-0154	LF	W12 x 170 A992/A36 Structural Column	407.71	38.37
		<i>For Hot Dip Galvanizing, Add</i>	101.82	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	36.69	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	81.54	
05 12 23 00-0155	LF	W12 x 152 A992/A36 Structural Column	367.65	35.64
		<i>For Hot Dip Galvanizing, Add</i>	91.49	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.09	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	73.53	
05 12 23 00-0156	LF	W12 x 136 A992/A36 Structural Column	349.61	34.64
		<i>For Hot Dip Galvanizing, Add</i>	86.77	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	31.46	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	69.92	
05 12 23 00-0157	LF	W12 x 120 A992/A36 Structural Column	265.30	31.77
		<i>For Hot Dip Galvanizing, Add</i>	64.17	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	23.88	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	53.06	
05 12 23 00-0158	LF	W12 x 106 A992/A36 Structural Column	244.64	30.78
		<i>For Hot Dip Galvanizing, Add</i>	58.79	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	22.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	48.93	
05 12 23 00-0159	LF	W12 x 96 A992/A36 Structural Column	219.10	29.78
		<i>For Hot Dip Galvanizing, Add</i>	52.02	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.72	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	43.82	
05 12 23 00-0160	LF	W12 x 87 A992/A36 Structural Column	202.27	28.77
		<i>For Hot Dip Galvanizing, Add</i>	47.59	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.20	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	40.45	
05 12 23 00-0161	LF	W12 x 79 A992/A36 Structural Column	177.78	27.91
		<i>For Hot Dip Galvanizing, Add</i>	41.07	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.00	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	35.56	
05 12 23 00-0162	LF	W12 x 72 A992/A36 Structural Column	162.88	27.20
		<i>For Hot Dip Galvanizing, Add</i>	37.14	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.66	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	32.58	
05 12 23 00-0163	LF	W12 x 65 A992/A36 Structural Column	149.07	26.62
		<i>For Hot Dip Galvanizing, Add</i>	33.50	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.42	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	29.81	
05 12 23 00-0164	LF	W12 x 58 A992/A36 Structural Column	144.30	26.34
		<i>For Hot Dip Galvanizing, Add</i>	32.26	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.99	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	28.86	
05 12 23 00-0165	LF	W12 x 53 A992/A36 Structural Column	134.04	25.76
		<i>For Hot Dip Galvanizing, Add</i>	29.57	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.06	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	26.81	
05 12 23 00-0166	LF	W12 x 50 A992/A36 Structural Column	129.95	25.62
		<i>For Hot Dip Galvanizing, Add</i>	28.47	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.70	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	25.99	
05 12 23 00-0167	LF	W12 x 45 A992/A36 Structural Column	118.26	25.05
		<i>For Hot Dip Galvanizing, Add</i>	25.39	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.64	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	23.65	
05 12 23 00-0168	LF	W12 x 40 A992/A36 Structural Column	106.20	24.48
		<i>For Hot Dip Galvanizing, Add</i>	22.20	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.56	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	21.24	
05 12 23 00-0169	LF	W10 x 112 A992/A36 Structural Column	255.79	31.35
		<i>For Hot Dip Galvanizing, Add</i>	61.73	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	23.02	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	51.16	
05 12 23 00-0170	LF	W10 x 110 A992/A36 Structural Column	231.54	30.06
		<i>For Hot Dip Galvanizing, Add</i>	55.36	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	20.84	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	46.31	
05 12 23 00-0171	LF	W10 x 88 A992/A36 Structural Column	208.34	29.06
		<i>For Hot Dip Galvanizing, Add</i>	49.23	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.75	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	41.67	
05 12 23 00-0172	LF	W10 x 77 A992/A36 Structural Column	185.49	27.91
		<i>For Hot Dip Galvanizing, Add</i>	43.21	
		<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.69	
		<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	37.10	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0173	LF			W10 x 68 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	167.23 38.38 15.05 33.45	27.20
05 12 23 00-0174	LF			W10 x 60 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	146.95 32.95 13.23 29.39	26.48
05 12 23 00-0175	LF			W10 x 54 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	145.95 32.76 13.14 29.19	26.05
05 12 23 00-0176	LF			W10 x 49 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	128.37 28.07 11.55 25.67	25.62
05 12 23 00-0177	LF			W10 x 45 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	123.96 26.93 11.16 24.79	25.19
05 12 23 00-0178	LF			W10 x 39 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	108.14 22.70 9.73 21.63	24.76
05 12 23 00-0179	LF			W10 x 33 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	94.51 19.12 8.51 18.90	24.05
05 12 23 00-0180	LF			W8 x 67 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	161.13 36.69 14.50 32.23	27.20
05 12 23 00-0181	LF			W8 x 58 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.84 32.41 13.04 28.97	26.34
05 12 23 00-0182	LF			W8 x 48 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	129.81 28.47 11.68 25.96	25.62
05 12 23 00-0183	LF			W8 x 40 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	111.69 23.65 10.05 22.34	24.90
05 12 23 00-0184	LF			W8 x 35 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	101.07 20.86 9.10 20.21	24.34
05 12 23 00-0185	LF			W8 x 31 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	92.53 18.57 8.33 18.51	24.05
05 12 23 00-0186	LF			W8 x 28 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	87.22 17.17 7.85 17.44	23.77
05 12 23 00-0187	LF			W8 x 24 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	80.84 15.48 7.28 16.17	23.48
05 12 23 00-0188	LF			W8 x 21 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	76.60 14.39 6.89 15.32	23.34
05 12 23 00-0189	LF			W8 x 18 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	68.61 12.25 6.17 13.72	22.91
05 12 23 00-0190	LF			W6 x 25 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	84.79 16.58 7.63 16.96	23.48
05 12 23 00-0191	LF			W6 x 20 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	71.98 13.14 6.48 14.40	23.05
05 12 23 00-0192	LF			W6 x 15 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	61.94 10.55 5.57 12.39	22.33
05 12 23 00-0193	LF			W6 x 12 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	58.17 9.51 5.24 11.63	22.33

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0194	LF W6 x 9 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	53.37 8.21 4.80 10.67	22.19
05 12 23 00-0195	LF W5 x 19 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	70.90 12.84 6.38 14.18	23.05
05 12 23 00-0196	LF W5 x 16 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	65.42 11.40 5.89 13.08	22.91
05 12 23 00-0197	LF W4 x 13 A992/A36 Structural Column ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	61.36 10.35 5.52 12.27	22.62
<b>05 12 23 00-0198</b>	<b>A992/A36 Structural Steel Beams And Girders, W Shapes</b> (05 12 23 00-0117) Note: Includes material delivery and erection.		
05 12 23 00-0199	LF W36 x 300 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	617.38 141.34 55.56 123.48 5.09 -199.88 74.09	101.30
05 12 23 00-0200	LF W36 x 280 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	589.90 131.92 53.09 117.98 4.75 -189.29 70.79	107.36
05 12 23 00-0201	LF W36 x 260 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	558.91 123.72 50.30 111.78 4.46 -178.66 67.07	106.07
05 12 23 00-0202	LF W36 x 240 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	527.54 117.49 47.48 105.51 4.23 -169.02 63.30	97.64
05 12 23 00-0203	LF W36 x 230 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	511.37 112.60 46.02 102.27 4.06 -163.14 61.36	99.03
05 12 23 00-0204	LF W36 x 210 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	479.96 102.80 43.20 95.99 3.70 -151.56 57.60	102.63
05 12 23 00-0205	LF W36 x 194 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	458.82 99.29 41.29 91.76 3.58 -145.44 55.06	94.70
05 12 23 00-0206	LF W36 x 182 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	435.95 93.15 39.24 87.19 3.36 -137.54 52.31	94.01
05 12 23 00-0207	LF W36 x 170 A992/A36 Structural Beam Or Girder ..... <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Steel, Add</i> <i>For Each Additional Top Copes &gt;2, Add</i> <i>For Structural Tees, WT, MT Or ST, Deduct</i> <i>For Skewed Or Sloped Connections, Add</i>	412.66 87.01 37.14 82.53 3.14 -129.56 49.52	92.93



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0208 LF W36 x 160 A992/A36 Structural Beam Or Girder .....	401.03	99.35
For Hot Dip Galvanizing, Add	81.89	
For High Strength Low Alloy A572-50 Steel, Add	36.09	
For High Strength Low Alloy A588 Steel, Add	80.21	
For Each Additional Top Copes >2, Add	2.95	
For Structural Tees, WT, MT Or ST, Deduct	-124.47	
For Skewed Or Sloped Connections, Add	48.12	
05 12 23 00-0209 LF W36 x 150 A992/A36 Structural Beam Or Girder .....	384.85	98.63
For Hot Dip Galvanizing, Add	77.60	
For High Strength Low Alloy A572-50 Steel, Add	34.64	
For High Strength Low Alloy A588 Steel, Add	76.97	
For Each Additional Top Copes >2, Add	2.80	
For Structural Tees, WT, MT Or ST, Deduct	-118.91	
For Skewed Or Sloped Connections, Add	46.18	
05 12 23 00-0210 LF W36 x 135 A992/A36 Structural Beam Or Girder .....	362.23	97.77
For Hot Dip Galvanizing, Add	71.60	
For High Strength Low Alloy A572-50 Steel, Add	32.60	
For High Strength Low Alloy A588 Steel, Add	72.45	
For Each Additional Top Copes >2, Add	2.58	
For Structural Tees, WT, MT Or ST, Deduct	-111.15	
For Skewed Or Sloped Connections, Add	43.47	
05 12 23 00-0211 LF W33 x 241 A992/A36 Structural Beam Or Girder .....	534.49	100.71
For Hot Dip Galvanizing, Add	118.51	
For High Strength Low Alloy A572-50 Steel, Add	48.10	
For High Strength Low Alloy A588 Steel, Add	106.90	
For Each Additional Top Copes >2, Add	4.27	
For Structural Tees, WT, MT Or ST, Deduct	-170.96	
For Skewed Or Sloped Connections, Add	64.14	
05 12 23 00-0212 LF W33 x 221 A992/A36 Structural Beam Or Girder .....	496.41	98.23
For Hot Dip Galvanizing, Add	108.68	
For High Strength Low Alloy A572-50 Steel, Add	44.68	
For High Strength Low Alloy A588 Steel, Add	99.28	
For Each Additional Top Copes >2, Add	3.92	
For Structural Tees, WT, MT Or ST, Deduct	-158.03	
For Skewed Or Sloped Connections, Add	59.57	
05 12 23 00-0213 LF W33 x 201 A992/A36 Structural Beam Or Girder .....	464.98	101.92
For Hot Dip Galvanizing, Add	98.84	
For High Strength Low Alloy A572-50 Steel, Add	41.85	
For High Strength Low Alloy A588 Steel, Add	93.00	
For Each Additional Top Copes >2, Add	3.56	
For Structural Tees, WT, MT Or ST, Deduct	-146.42	
For Skewed Or Sloped Connections, Add	55.80	
05 12 23 00-0214 LF W33 x 170 A992/A36 Structural Beam Or Girder .....	418.41	100.06
For Hot Dip Galvanizing, Add	86.51	
For High Strength Low Alloy A572-50 Steel, Add	37.66	
For High Strength Low Alloy A588 Steel, Add	83.68	
For Each Additional Top Copes >2, Add	3.12	
For Structural Tees, WT, MT Or ST, Deduct	-130.45	
For Skewed Or Sloped Connections, Add	50.21	
05 12 23 00-0215 LF W33 x 152 A992/A36 Structural Beam Or Girder .....	387.00	92.64
For Hot Dip Galvanizing, Add	79.97	
For High Strength Low Alloy A572-50 Steel, Add	34.63	
For High Strength Low Alloy A588 Steel, Add	77.40	
For Each Additional Top Copes >2, Add	2.88	
For Structural Tees, WT, MT Or ST, Deduct	-120.63	
For Skewed Or Sloped Connections, Add	46.44	
05 12 23 00-0216 LF W33 x 141 A992/A36 Structural Beam Or Girder .....	371.98	98.06
For Hot Dip Galvanizing, Add	74.19	
For High Strength Low Alloy A572-50 Steel, Add	33.48	
For High Strength Low Alloy A588 Steel, Add	74.40	
For Each Additional Top Copes >2, Add	2.67	
For Structural Tees, WT, MT Or ST, Deduct	-114.50	
For Skewed Or Sloped Connections, Add	44.64	
05 12 23 00-0217 LF W33 x 130 A992/A36 Structural Beam Or Girder .....	353.66	97.34
For Hot Dip Galvanizing, Add	69.34	
For High Strength Low Alloy A572-50 Steel, Add	31.83	
For High Strength Low Alloy A588 Steel, Add	70.73	
For Each Additional Top Copes >2, Add	2.50	
For Structural Tees, WT, MT Or ST, Deduct	-108.21	
For Skewed Or Sloped Connections, Add	42.44	
05 12 23 00-0218 LF W33 x 118 A992/A36 Structural Beam Or Girder .....	332.38	96.48
For Hot Dip Galvanizing, Add	63.68	
For High Strength Low Alloy A572-50 Steel, Add	29.91	
For High Strength Low Alloy A588 Steel, Add	66.48	
For Each Additional Top Copes >2, Add	2.29	
For Structural Tees, WT, MT Or ST, Deduct	-100.90	
For Skewed Or Sloped Connections, Add	39.89	
05 12 23 00-0219 LF W30 x 211 A992/A36 Structural Beam Or Girder .....	476.60	98.05
For Hot Dip Galvanizing, Add	103.23	
For High Strength Low Alloy A572-50 Steel, Add	42.89	
For High Strength Low Alloy A588 Steel, Add	95.32	
For Each Additional Top Copes >2, Add	3.72	
For Structural Tees, WT, MT Or ST, Deduct	-151.12	
For Skewed Or Sloped Connections, Add	57.19	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0220	LF		W30 x 191 A992/A36 Structural Beam Or Girder .....	444.83	101.21
			<i>For Hot Dip Galvanizing, Add</i>	93.45	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	40.03	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	88.97	
			<i>For Each Additional Top Copes &gt;2, Add</i>	3.37	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-139.48	
			<i>For Skewed Or Sloped Connections, Add</i>	53.38	
05 12 23 00-0221	LF		W30 x 173 A992/A36 Structural Beam Or Girder .....	414.17	93.58
			<i>For Hot Dip Galvanizing, Add</i>	87.23	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	37.28	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	82.83	
			<i>For Each Additional Top Copes &gt;2, Add</i>	3.14	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-129.99	
			<i>For Skewed Or Sloped Connections, Add</i>	49.70	
05 12 23 00-0222	LF		W30 x 154 A992/A36 Structural Beam Or Girder .....	385.18	98.77
			<i>For Hot Dip Galvanizing, Add</i>	77.65	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	34.67	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	77.04	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.80	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-119.01	
			<i>For Skewed Or Sloped Connections, Add</i>	46.22	
05 12 23 00-0223	LF		W30 x 132 A992/A36 Structural Beam Or Girder .....	349.96	90.28
			<i>For Hot Dip Galvanizing, Add</i>	70.39	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	31.50	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	69.99	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.54	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-108.04	
			<i>For Skewed Or Sloped Connections, Add</i>	42.00	
05 12 23 00-0224	LF		W30 x 124 A992/A36 Structural Beam Or Girder .....	334.54	90.23
			<i>For Hot Dip Galvanizing, Add</i>	66.13	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.11	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	66.91	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.38	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-102.65	
			<i>For Skewed Or Sloped Connections, Add</i>	40.14	
05 12 23 00-0225	LF		W30 x 116 A992/A36 Structural Beam Or Girder .....	325.69	96.33
			<i>For Hot Dip Galvanizing, Add</i>	61.86	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	29.31	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	65.14	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.23	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-98.57	
			<i>For Skewed Or Sloped Connections, Add</i>	39.08	
05 12 23 00-0226	LF		W30 x 108 A992/A36 Structural Beam Or Girder .....	301.10	86.75
			<i>For Hot Dip Galvanizing, Add</i>	57.89	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	27.10	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	60.22	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.09	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-91.51	
			<i>For Skewed Or Sloped Connections, Add</i>	36.13	
05 12 23 00-0227	LF		W30 x 99 A992/A36 Structural Beam Or Girder .....	288.04	86.32
			<i>For Hot Dip Galvanizing, Add</i>	54.43	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	25.92	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	57.61	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.96	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-87.03	
			<i>For Skewed Or Sloped Connections, Add</i>	34.56	
05 12 23 00-0228	LF		W27 x 178 A992/A36 Structural Beam Or Girder .....	461.23	109.56
			<i>For Hot Dip Galvanizing, Add</i>	95.56	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	41.51	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	92.25	
			<i>For Each Additional Top Copes &gt;2, Add</i>	3.44	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-143.90	
			<i>For Skewed Or Sloped Connections, Add</i>	55.35	
05 12 23 00-0229	LF		W27 x 161 A992/A36 Structural Beam Or Girder .....	423.93	105.43
			<i>For Hot Dip Galvanizing, Add</i>	86.43	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	38.15	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	84.79	
			<i>For Each Additional Top Copes &gt;2, Add</i>	3.11	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-131.51	
			<i>For Skewed Or Sloped Connections, Add</i>	50.87	
05 12 23 00-0230	LF		W27 x 146 A992/A36 Structural Beam Or Girder .....	390.93	101.70
			<i>For Hot Dip Galvanizing, Add</i>	78.38	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	35.18	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	78.19	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.82	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-120.55	
			<i>For Skewed Or Sloped Connections, Add</i>	46.91	
05 12 23 00-0231	LF		W27 x 114 A992/A36 Structural Beam Or Girder .....	310.65	84.48
			<i>For Hot Dip Galvanizing, Add</i>	61.20	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	27.96	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	62.13	
			<i>For Each Additional Top Copes &gt;2, Add</i>	2.21	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-95.21	
			<i>For Skewed Or Sloped Connections, Add</i>	37.28	





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0232	LF		W27 x 102 A992/A36 Structural Beam Or Girder .....	289.37	86.32
			For Hot Dip Galvanizing, Add	54.76	
			For High Strength Low Alloy A572-50 Steel, Add	26.04	
			For High Strength Low Alloy A588 Steel, Add	57.87	
			For Each Additional Top Copes >2, Add	1.97	
			For Structural Tees, WT, MT Or ST, Deduct	-87.47	
			For Skewed Or Sloped Connections, Add	34.72	
05 12 23 00-0233	LF		W27 x 94 A992/A36 Structural Beam Or Girder .....	277.10	85.75
			For Hot Dip Galvanizing, Add	51.51	
			For High Strength Low Alloy A572-50 Steel, Add	24.94	
			For High Strength Low Alloy A588 Steel, Add	55.42	
			For Each Additional Top Copes >2, Add	1.86	
			For Structural Tees, WT, MT Or ST, Deduct	-83.26	
			For Skewed Or Sloped Connections, Add	33.25	
05 12 23 00-0234	LF		W27 x 84 A992/A36 Structural Beam Or Girder .....	262.11	85.17
			For Hot Dip Galvanizing, Add	47.55	
			For High Strength Low Alloy A572-50 Steel, Add	23.59	
			For High Strength Low Alloy A588 Steel, Add	52.42	
			For Each Additional Top Copes >2, Add	1.71	
			For Structural Tees, WT, MT Or ST, Deduct	-78.12	
			For Skewed Or Sloped Connections, Add	31.45	
05 12 23 00-0235	LF		W24 x 162 A992/A36 Structural Beam Or Girder .....	408.24	101.08
			For Hot Dip Galvanizing, Add	83.37	
			For High Strength Low Alloy A572-50 Steel, Add	36.74	
			For High Strength Low Alloy A588 Steel, Add	81.65	
			For Each Additional Top Copes >2, Add	3.00	
			For Structural Tees, WT, MT Or ST, Deduct	-126.71	
			For Skewed Or Sloped Connections, Add	48.99	
05 12 23 00-0236	LF		W24 x 146 A992/A36 Structural Beam Or Girder .....	374.13	96.90
			For Hot Dip Galvanizing, Add	75.14	
			For High Strength Low Alloy A572-50 Steel, Add	33.67	
			For High Strength Low Alloy A588 Steel, Add	74.83	
			For Each Additional Top Copes >2, Add	2.71	
			For Structural Tees, WT, MT Or ST, Deduct	-115.44	
			For Skewed Or Sloped Connections, Add	44.90	
05 12 23 00-0237	LF		W24 x 131 A992/A36 Structural Beam Or Girder .....	341.60	92.50
			For Hot Dip Galvanizing, Add	67.42	
			For High Strength Low Alloy A572-50 Steel, Add	30.74	
			For High Strength Low Alloy A588 Steel, Add	68.32	
			For Each Additional Top Copes >2, Add	2.43	
			For Structural Tees, WT, MT Or ST, Deduct	-104.76	
			For Skewed Or Sloped Connections, Add	40.99	
05 12 23 00-0238	LF		W24 x 117 A992/A36 Structural Beam Or Girder .....	310.72	87.88
			For Hot Dip Galvanizing, Add	60.21	
			For High Strength Low Alloy A572-50 Steel, Add	27.96	
			For High Strength Low Alloy A588 Steel, Add	62.14	
			For Each Additional Top Copes >2, Add	2.17	
			For Structural Tees, WT, MT Or ST, Deduct	-94.69	
			For Skewed Or Sloped Connections, Add	37.29	
05 12 23 00-0239	LF		W24 x 104 A992/A36 Structural Beam Or Girder .....	281.51	83.11
			For Hot Dip Galvanizing, Add	53.52	
			For High Strength Low Alloy A572-50 Steel, Add	25.34	
			For High Strength Low Alloy A588 Steel, Add	56.30	
			For Each Additional Top Copes >2, Add	1.93	
			For Structural Tees, WT, MT Or ST, Deduct	-85.23	
			For Skewed Or Sloped Connections, Add	33.78	
05 12 23 00-0240	LF		W24 x 94 A992/A36 Structural Beam Or Girder .....	265.79	85.75
			For Hot Dip Galvanizing, Add	48.37	
			For High Strength Low Alloy A572-50 Steel, Add	23.92	
			For High Strength Low Alloy A588 Steel, Add	53.16	
			For Each Additional Top Copes >2, Add	1.74	
			For Structural Tees, WT, MT Or ST, Deduct	-79.31	
			For Skewed Or Sloped Connections, Add	31.89	
05 12 23 00-0241	LF		W24 x 84 A992/A36 Structural Beam Or Girder .....	242.20	76.01
			For Hot Dip Galvanizing, Add	44.69	
			For High Strength Low Alloy A572-50 Steel, Add	21.80	
			For High Strength Low Alloy A588 Steel, Add	48.44	
			For Each Additional Top Copes >2, Add	1.61	
			For Structural Tees, WT, MT Or ST, Deduct	-72.60	
			For Skewed Or Sloped Connections, Add	29.06	
05 12 23 00-0242	LF		W24 x 76 A992/A36 Structural Beam Or Girder .....	230.71	75.44
			For Hot Dip Galvanizing, Add	41.66	
			For High Strength Low Alloy A572-50 Steel, Add	20.76	
			For High Strength Low Alloy A588 Steel, Add	46.14	
			For Each Additional Top Copes >2, Add	1.50	
			For Structural Tees, WT, MT Or ST, Deduct	-68.66	
			For Skewed Or Sloped Connections, Add	27.69	
05 12 23 00-0243	LF		W24 x 68 A992/A36 Structural Beam Or Girder .....	216.27	75.01
			For Hot Dip Galvanizing, Add	37.81	
			For High Strength Low Alloy A572-50 Steel, Add	19.46	
			For High Strength Low Alloy A588 Steel, Add	43.25	
			For Each Additional Top Copes >2, Add	1.36	
			For Structural Tees, WT, MT Or ST, Deduct	-63.69	
			For Skewed Or Sloped Connections, Add	25.95	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0244	LF		W24 x 62 A992/A36 Structural Beam Or Girder .....	208.71	74.58
			For Hot Dip Galvanizing, Add	35.83	
			For High Strength Low Alloy A572-50 Steel, Add	18.78	
			For High Strength Low Alloy A588 Steel, Add	41.74	
			For Each Additional Top Copes >2, Add	1.29	
			For Structural Tees, WT, MT Or ST, Deduct	-61.11	
			For Skewed Or Sloped Connections, Add	25.05	
05 12 23 00-0245	LF		W24 x 55 A992/A36 Structural Beam Or Girder .....	198.35	74.29
			For Hot Dip Galvanizing, Add	33.08	
			For High Strength Low Alloy A572-50 Steel, Add	17.85	
			For High Strength Low Alloy A588 Steel, Add	39.67	
			For Each Additional Top Copes >2, Add	1.19	
			For Structural Tees, WT, MT Or ST, Deduct	-57.55	
			For Skewed Or Sloped Connections, Add	23.80	
05 12 23 00-0246	LF		W21 x 147 A992/A36 Structural Beam Or Girder .....	356.38	83.12
			For Hot Dip Galvanizing, Add	74.29	
			For High Strength Low Alloy A572-50 Steel, Add	32.07	
			For High Strength Low Alloy A588 Steel, Add	71.28	
			For Each Additional Top Copes >2, Add	2.68	
			For Structural Tees, WT, MT Or ST, Deduct	-111.43	
			For Skewed Or Sloped Connections, Add	42.77	
05 12 23 00-0247	LF		W21 x 132 A992/A36 Structural Beam Or Girder .....	325.10	79.41
			For Hot Dip Galvanizing, Add	66.71	
			For High Strength Low Alloy A572-50 Steel, Add	29.26	
			For High Strength Low Alloy A588 Steel, Add	65.02	
			For Each Additional Top Copes >2, Add	2.40	
			For Structural Tees, WT, MT Or ST, Deduct	-101.08	
			For Skewed Or Sloped Connections, Add	39.01	
05 12 23 00-0248	LF		W21 x 122 A992/A36 Structural Beam Or Girder .....	305.46	78.08
			For Hot Dip Galvanizing, Add	61.65	
			For High Strength Low Alloy A572-50 Steel, Add	27.49	
			For High Strength Low Alloy A588 Steel, Add	61.09	
			For Each Additional Top Copes >2, Add	2.22	
			For Structural Tees, WT, MT Or ST, Deduct	-94.42	
			For Skewed Or Sloped Connections, Add	36.66	
05 12 23 00-0249	LF		W21 x 111 A992/A36 Structural Beam Or Girder .....	282.77	75.58
			For Hot Dip Galvanizing, Add	56.10	
			For High Strength Low Alloy A572-50 Steel, Add	25.45	
			For High Strength Low Alloy A588 Steel, Add	56.55	
			For Each Additional Top Copes >2, Add	2.02	
			For Structural Tees, WT, MT Or ST, Deduct	-86.88	
			For Skewed Or Sloped Connections, Add	33.93	
05 12 23 00-0250	LF		W21 x 101 A992/A36 Structural Beam Or Girder .....	261.97	73.16
			For Hot Dip Galvanizing, Add	51.04	
			For High Strength Low Alloy A572-50 Steel, Add	23.58	
			For High Strength Low Alloy A588 Steel, Add	52.39	
			For Each Additional Top Copes >2, Add	1.84	
			For Structural Tees, WT, MT Or ST, Deduct	-79.99	
			For Skewed Or Sloped Connections, Add	31.44	
05 12 23 00-0251	LF		W21 x 93 A992/A36 Structural Beam Or Girder .....	251.39	76.87
			For Hot Dip Galvanizing, Add	47.00	
			For High Strength Low Alloy A572-50 Steel, Add	22.63	
			For High Strength Low Alloy A588 Steel, Add	50.28	
			For Each Additional Top Copes >2, Add	1.69	
			For Structural Tees, WT, MT Or ST, Deduct	-75.68	
			For Skewed Or Sloped Connections, Add	30.17	
05 12 23 00-0252	LF		W21 x 83 A992/A36 Structural Beam Or Girder .....	237.83	76.01
			For Hot Dip Galvanizing, Add	43.48	
			For High Strength Low Alloy A572-50 Steel, Add	21.40	
			For High Strength Low Alloy A588 Steel, Add	47.57	
			For Each Additional Top Copes >2, Add	1.57	
			For Structural Tees, WT, MT Or ST, Deduct	-71.07	
			For Skewed Or Sloped Connections, Add	28.54	
05 12 23 00-0253	LF		W21 x 73 A992/A36 Structural Beam Or Girder .....	221.26	75.44
			For Hot Dip Galvanizing, Add	39.07	
			For High Strength Low Alloy A572-50 Steel, Add	19.91	
			For High Strength Low Alloy A588 Steel, Add	44.25	
			For Each Additional Top Copes >2, Add	1.41	
			For Structural Tees, WT, MT Or ST, Deduct	-65.37	
			For Skewed Or Sloped Connections, Add	26.55	
05 12 23 00-0254	LF		W21 x 68 A992/A36 Structural Beam Or Girder .....	212.90	75.01
			For Hot Dip Galvanizing, Add	36.87	
			For High Strength Low Alloy A572-50 Steel, Add	19.16	
			For High Strength Low Alloy A588 Steel, Add	42.58	
			For Each Additional Top Copes >2, Add	1.33	
			For Structural Tees, WT, MT Or ST, Deduct	-62.51	
			For Skewed Or Sloped Connections, Add	25.55	
05 12 23 00-0255	LF		W21 x 62 A992/A36 Structural Beam Or Girder .....	205.34	74.58
			For Hot Dip Galvanizing, Add	34.89	
			For High Strength Low Alloy A572-50 Steel, Add	18.48	
			For High Strength Low Alloy A588 Steel, Add	41.07	
			For Each Additional Top Copes >2, Add	1.26	
			For Structural Tees, WT, MT Or ST, Deduct	-59.93	
			For Skewed Or Sloped Connections, Add	24.64	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0256	LF		W21 x 57 A992/A36 Structural Beam Or Girder .....	198.50	74.43
			For Hot Dip Galvanizing, Add	33.08	
			For High Strength Low Alloy A572-50 Steel, Add	17.87	
			For High Strength Low Alloy A588 Steel, Add	39.70	
			For Each Additional Top Copes >2, Add	1.19	
			For Structural Tees, WT, MT Or ST, Deduct	-57.58	
			For Skewed Or Sloped Connections, Add	23.82	
05 12 23 00-0257	LF		W21 x 50 A992/A36 Structural Beam Or Girder .....	175.88	64.56
			For Hot Dip Galvanizing, Add	29.66	
			For High Strength Low Alloy A572-50 Steel, Add	15.83	
			For High Strength Low Alloy A588 Steel, Add	35.18	
			For Each Additional Top Copes >2, Add	1.07	
			For Structural Tees, WT, MT Or ST, Deduct	-51.21	
			For Skewed Or Sloped Connections, Add	21.11	
05 12 23 00-0258	LF		W21 x 44 A992/A36 Structural Beam Or Girder .....	167.93	64.27
			For Hot Dip Galvanizing, Add	27.57	
			For High Strength Low Alloy A572-50 Steel, Add	15.11	
			For High Strength Low Alloy A588 Steel, Add	33.59	
			For Each Additional Top Copes >2, Add	0.99	
			For Structural Tees, WT, MT Or ST, Deduct	-48.49	
			For Skewed Or Sloped Connections, Add	20.15	
05 12 23 00-0259	LF		W18 x 119 A992/A36 Structural Beam Or Girder .....	297.35	77.81
			For Hot Dip Galvanizing, Add	59.48	
			For High Strength Low Alloy A572-50 Steel, Add	26.76	
			For High Strength Low Alloy A588 Steel, Add	59.47	
			For Each Additional Top Copes >2, Add	2.14	
			For Structural Tees, WT, MT Or ST, Deduct	-91.62	
			For Skewed Or Sloped Connections, Add	35.68	
05 12 23 00-0260	LF		W18 x 106 A992/A36 Structural Beam Or Girder .....	269.58	73.74
			For Hot Dip Galvanizing, Add	52.98	
			For High Strength Low Alloy A572-50 Steel, Add	24.26	
			For High Strength Low Alloy A588 Steel, Add	53.92	
			For Each Additional Top Copes >2, Add	1.91	
			For Structural Tees, WT, MT Or ST, Deduct	-82.56	
			For Skewed Or Sloped Connections, Add	32.35	
05 12 23 00-0261	LF		W18 x 97 A992/A36 Structural Beam Or Girder .....	256.88	76.87
			For Hot Dip Galvanizing, Add	48.48	
			For High Strength Low Alloy A572-50 Steel, Add	23.12	
			For High Strength Low Alloy A588 Steel, Add	51.38	
			For Each Additional Top Copes >2, Add	1.75	
			For Structural Tees, WT, MT Or ST, Deduct	-77.58	
			For Skewed Or Sloped Connections, Add	30.83	
05 12 23 00-0262	LF		W18 x 86 A992/A36 Structural Beam Or Girder .....	241.34	76.15
			For Hot Dip Galvanizing, Add	44.41	
			For High Strength Low Alloy A572-50 Steel, Add	21.72	
			For High Strength Low Alloy A588 Steel, Add	48.27	
			For Each Additional Top Copes >2, Add	1.60	
			For Structural Tees, WT, MT Or ST, Deduct	-72.27	
			For Skewed Or Sloped Connections, Add	28.96	
05 12 23 00-0263	LF		W18 x 76 A992/A36 Structural Beam Or Girder .....	227.34	75.44
			For Hot Dip Galvanizing, Add	40.73	
			For High Strength Low Alloy A572-50 Steel, Add	20.46	
			For High Strength Low Alloy A588 Steel, Add	45.47	
			For Each Additional Top Copes >2, Add	1.47	
			For Structural Tees, WT, MT Or ST, Deduct	-67.48	
			For Skewed Or Sloped Connections, Add	27.28	
05 12 23 00-0264	LF		W18 x 71 A992/A36 Structural Beam Or Girder .....	217.15	75.29
			For Hot Dip Galvanizing, Add	37.97	
			For High Strength Low Alloy A572-50 Steel, Add	19.54	
			For High Strength Low Alloy A588 Steel, Add	43.43	
			For Each Additional Top Copes >2, Add	1.37	
			For Structural Tees, WT, MT Or ST, Deduct	-63.96	
			For Skewed Or Sloped Connections, Add	26.06	
05 12 23 00-0265	LF		W18 x 65 A992/A36 Structural Beam Or Girder .....	207.20	75.01
			For Hot Dip Galvanizing, Add	35.33	
			For High Strength Low Alloy A572-50 Steel, Add	18.65	
			For High Strength Low Alloy A588 Steel, Add	41.44	
			For Each Additional Top Copes >2, Add	1.27	
			For Structural Tees, WT, MT Or ST, Deduct	-60.54	
			For Skewed Or Sloped Connections, Add	24.86	
05 12 23 00-0266	LF		W18 x 60 A992/A36 Structural Beam Or Girder .....	198.24	74.43
			For Hot Dip Galvanizing, Add	32.96	
			For High Strength Low Alloy A572-50 Steel, Add	17.84	
			For High Strength Low Alloy A588 Steel, Add	39.65	
			For Each Additional Top Copes >2, Add	1.19	
			For Structural Tees, WT, MT Or ST, Deduct	-57.47	
			For Skewed Or Sloped Connections, Add	23.79	
05 12 23 00-0267	LF		W18 x 55 A992/A36 Structural Beam Or Girder .....	189.23	74.29
			For Hot Dip Galvanizing, Add	30.54	
			For High Strength Low Alloy A572-50 Steel, Add	17.03	
			For High Strength Low Alloy A588 Steel, Add	37.85	
			For Each Additional Top Copes >2, Add	1.10	
			For Structural Tees, WT, MT Or ST, Deduct	-54.36	
			For Skewed Or Sloped Connections, Add	22.71	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0268	LF		W18 x 50 A992/A36 Structural Beam Or Girder .....	170.33	64.56
			<i>For Hot Dip Galvanizing, Add</i>	28.12	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.33	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	34.07	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.01	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.27	
			<i>For Skewed Or Sloped Connections, Add</i>	20.44	
05 12 23 00-0269	LF		W18 x 46 A992/A36 Structural Beam Or Girder .....	163.31	64.42
			<i>For Hot Dip Galvanizing, Add</i>	26.25	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.70	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	32.66	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.95	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-46.85	
			<i>For Skewed Or Sloped Connections, Add</i>	19.60	
05 12 23 00-0270	LF		W18 x 40 A992/A36 Structural Beam Or Girder .....	142.78	54.97
			<i>For Hot Dip Galvanizing, Add</i>	23.33	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.85	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	28.56	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.84	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-41.17	
			<i>For Skewed Or Sloped Connections, Add</i>	17.13	
05 12 23 00-0271	LF		W18 x 35 A992/A36 Structural Beam Or Girder .....	133.97	54.82
			<i>For Hot Dip Galvanizing, Add</i>	20.97	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.06	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	26.79	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-38.13	
			<i>For Skewed Or Sloped Connections, Add</i>	16.08	
05 12 23 00-0272	LF		W16 x 100 A992/A36 Structural Beam Or Girder .....	241.05	49.96
			<i>For Hot Dip Galvanizing, Add</i>	52.12	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	21.69	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	48.21	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.88	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-76.38	
			<i>For Skewed Or Sloped Connections, Add</i>	28.93	
05 12 23 00-0273	LF		W16 x 89 A992/A36 Structural Beam Or Girder .....	221.17	49.10
			<i>For Hot Dip Galvanizing, Add</i>	46.83	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.91	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	44.23	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.69	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-69.55	
			<i>For Skewed Or Sloped Connections, Add</i>	26.54	
05 12 23 00-0274	LF		W16 x 77 A992/A36 Structural Beam Or Girder .....	199.83	48.53
			<i>For Hot Dip Galvanizing, Add</i>	41.11	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.98	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	39.97	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-62.19	
			<i>For Skewed Or Sloped Connections, Add</i>	23.98	
05 12 23 00-0275	LF		W16 x 67 A992/A36 Structural Beam Or Girder .....	181.65	47.81
			<i>For Hot Dip Galvanizing, Add</i>	36.27	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.35	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	36.33	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.31	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-55.93	
			<i>For Skewed Or Sloped Connections, Add</i>	21.80	
05 12 23 00-0276	LF		W16 x 57 A992/A36 Structural Beam Or Girder .....	163.69	47.09
			<i>For Hot Dip Galvanizing, Add</i>	31.48	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.73	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	32.74	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.13	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.75	
			<i>For Skewed Or Sloped Connections, Add</i>	19.64	
05 12 23 00-0277	LF		W16 x 50 A992/A36 Structural Beam Or Girder .....	151.15	46.66
			<i>For Hot Dip Galvanizing, Add</i>	28.12	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.60	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	30.23	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.01	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-45.43	
			<i>For Skewed Or Sloped Connections, Add</i>	18.14	
05 12 23 00-0278	LF		W16 x 45 A992/A36 Structural Beam Or Girder .....	142.34	46.38
			<i>For Hot Dip Galvanizing, Add</i>	25.75	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.81	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	28.47	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.93	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-42.39	
			<i>For Skewed Or Sloped Connections, Add</i>	17.08	
05 12 23 00-0279	LF		W16 x 40 A992/A36 Structural Beam Or Girder .....	133.19	45.95
			<i>For Hot Dip Galvanizing, Add</i>	23.33	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.99	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	26.64	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.84	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.25	
			<i>For Skewed Or Sloped Connections, Add</i>	15.98	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23	00-0280	LF	W16 x 36 A992/A36 Structural Beam Or Girder .....	126.02	45.67
				For Hot Dip Galvanizing, Add	21.46	
				For High Strength Low Alloy A572-50 Steel, Add	11.34	
				For High Strength Low Alloy A588 Steel, Add	25.20	
				For Each Additional Top Copes >2, Add	0.77	
				For Structural Tees, WT, MT Or ST, Deduct	-36.81	
				For Skewed Or Sloped Connections, Add	15.12	
	05 12 23	00-0281	LF	W16 x 31 A992/A36 Structural Beam Or Girder .....	107.41	36.36
				For Hot Dip Galvanizing, Add	19.04	
				For High Strength Low Alloy A572-50 Steel, Add	9.67	
				For High Strength Low Alloy A588 Steel, Add	21.48	
				For Each Additional Top Copes >2, Add	0.69	
				For Structural Tees, WT, MT Or ST, Deduct	-31.78	
				For Skewed Or Sloped Connections, Add	12.89	
	05 12 23	00-0282	LF	W16 x 26 A992/A36 Structural Beam Or Girder .....	95.90	35.93
				For Hot Dip Galvanizing, Add	15.96	
				For High Strength Low Alloy A572-50 Steel, Add	8.63	
				For High Strength Low Alloy A588 Steel, Add	19.18	
				For Each Additional Top Copes >2, Add	0.58	
				For Structural Tees, WT, MT Or ST, Deduct	-27.81	
				For Skewed Or Sloped Connections, Add	11.51	
	05 12 23	00-0283	LF	W14 x 99 A992/A36 Structural Beam Or Girder .....	229.68	40.94
				For Hot Dip Galvanizing, Add	51.62	
				For High Strength Low Alloy A572-50 Steel, Add	20.67	
				For High Strength Low Alloy A588 Steel, Add	45.94	
				For Each Additional Top Copes >2, Add	1.86	
				For Structural Tees, WT, MT Or ST, Deduct	-73.84	
				For Skewed Or Sloped Connections, Add	27.56	
	05 12 23	00-0284	LF	W14 x 90 A992/A36 Structural Beam Or Girder .....	213.50	40.22
				For Hot Dip Galvanizing, Add	47.33	
				For High Strength Low Alloy A572-50 Steel, Add	19.22	
				For High Strength Low Alloy A588 Steel, Add	42.70	
				For Each Additional Top Copes >2, Add	1.71	
				For Structural Tees, WT, MT Or ST, Deduct	-68.28	
				For Skewed Or Sloped Connections, Add	25.62	
	05 12 23	00-0285	LF	W14 x 82 A992/A36 Structural Beam Or Girder .....	199.04	39.79
				For Hot Dip Galvanizing, Add	43.48	
				For High Strength Low Alloy A572-50 Steel, Add	17.91	
				For High Strength Low Alloy A588 Steel, Add	39.81	
				For Each Additional Top Copes >2, Add	1.57	
				For Structural Tees, WT, MT Or ST, Deduct	-63.31	
				For Skewed Or Sloped Connections, Add	23.88	
	05 12 23	00-0286	LF	W14 x 74 A992/A36 Structural Beam Or Girder .....	184.60	39.22
				For Hot Dip Galvanizing, Add	39.62	
				For High Strength Low Alloy A572-50 Steel, Add	16.61	
				For High Strength Low Alloy A588 Steel, Add	36.92	
				For Each Additional Top Copes >2, Add	1.43	
				For Structural Tees, WT, MT Or ST, Deduct	-58.34	
				For Skewed Or Sloped Connections, Add	22.15	
	05 12 23	00-0287	LF	W14 x 68 A992/A36 Structural Beam Or Girder .....	173.85	38.79
				For Hot Dip Galvanizing, Add	36.76	
				For High Strength Low Alloy A572-50 Steel, Add	15.65	
				For High Strength Low Alloy A588 Steel, Add	34.77	
				For Each Additional Top Copes >2, Add	1.32	
				For Structural Tees, WT, MT Or ST, Deduct	-54.64	
				For Skewed Or Sloped Connections, Add	20.86	
	05 12 23	00-0288	LF	W14 x 61 A992/A36 Structural Beam Or Girder .....	161.32	38.37
				For Hot Dip Galvanizing, Add	33.41	
				For High Strength Low Alloy A572-50 Steel, Add	14.52	
				For High Strength Low Alloy A588 Steel, Add	32.26	
				For Each Additional Top Copes >2, Add	1.20	
				For Structural Tees, WT, MT Or ST, Deduct	-50.32	
				For Skewed Or Sloped Connections, Add	19.36	
	05 12 23	00-0289	LF	W14 x 53 A992/A36 Structural Beam Or Girder .....	147.06	37.79
				For Hot Dip Galvanizing, Add	29.61	
				For High Strength Low Alloy A572-50 Steel, Add	13.24	
				For High Strength Low Alloy A588 Steel, Add	29.41	
				For Each Additional Top Copes >2, Add	1.07	
				For Structural Tees, WT, MT Or ST, Deduct	-45.42	
				For Skewed Or Sloped Connections, Add	17.65	
	05 12 23	00-0290	LF	W14 x 48 A992/A36 Structural Beam Or Girder .....	137.90	37.36
				For Hot Dip Galvanizing, Add	27.19	
				For High Strength Low Alloy A572-50 Steel, Add	12.41	
				For High Strength Low Alloy A588 Steel, Add	27.58	
				For Each Additional Top Copes >2, Add	0.98	
				For Structural Tees, WT, MT Or ST, Deduct	-42.28	
				For Skewed Or Sloped Connections, Add	16.55	
	05 12 23	00-0291	LF	W14 x 43 A992/A36 Structural Beam Or Girder .....	128.89	37.22
				For Hot Dip Galvanizing, Add	24.76	
				For High Strength Low Alloy A572-50 Steel, Add	11.60	
				For High Strength Low Alloy A588 Steel, Add	25.78	
				For Each Additional Top Copes >2, Add	0.89	
				For Structural Tees, WT, MT Or ST, Deduct	-39.16	
				For Skewed Or Sloped Connections, Add	15.47	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0292	LF		W14 x 38 A992/A36 Structural Beam Or Girder .....	119.94	36.93
			For Hot Dip Galvanizing, Add	22.40	
			For High Strength Low Alloy A572-50 Steel, Add	10.79	
			For High Strength Low Alloy A588 Steel, Add	23.99	
			For Each Additional Top Copes >2, Add	0.81	
			For Structural Tees, WT, MT Or ST, Deduct	-36.10	
			For Skewed Or Sloped Connections, Add	14.39	
05 12 23 00-0293	LF		W14 x 34 A992/A36 Structural Beam Or Girder .....	112.71	36.50
			For Hot Dip Galvanizing, Add	20.47	
			For High Strength Low Alloy A572-50 Steel, Add	10.14	
			For High Strength Low Alloy A588 Steel, Add	22.54	
			For Each Additional Top Copes >2, Add	0.74	
			For Structural Tees, WT, MT Or ST, Deduct	-33.61	
			For Skewed Or Sloped Connections, Add	13.53	
05 12 23 00-0294	LF		W14 x 30 A992/A36 Structural Beam Or Girder .....	105.47	36.36
			For Hot Dip Galvanizing, Add	18.55	
			For High Strength Low Alloy A572-50 Steel, Add	9.49	
			For High Strength Low Alloy A588 Steel, Add	21.09	
			For Each Additional Top Copes >2, Add	0.67	
			For Structural Tees, WT, MT Or ST, Deduct	-31.12	
			For Skewed Or Sloped Connections, Add	12.66	
05 12 23 00-0295	LF		W14 x 26 A992/A36 Structural Beam Or Girder .....	98.26	35.93
			For Hot Dip Galvanizing, Add	16.62	
			For High Strength Low Alloy A572-50 Steel, Add	8.84	
			For High Strength Low Alloy A588 Steel, Add	19.65	
			For Each Additional Top Copes >2, Add	0.60	
			For Structural Tees, WT, MT Or ST, Deduct	-28.64	
			For Skewed Or Sloped Connections, Add	11.79	
05 12 23 00-0296	LF		W14 x 22 A992/A36 Structural Beam Or Girder .....	91.23	35.79
			For Hot Dip Galvanizing, Add	14.75	
			For High Strength Low Alloy A572-50 Steel, Add	8.21	
			For High Strength Low Alloy A588 Steel, Add	18.25	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-26.22	
			For Skewed Or Sloped Connections, Add	10.95	
05 12 23 00-0297	LF		W12 x 87 A992/A36 Structural Beam Or Girder .....	208.20	40.08
			For Hot Dip Galvanizing, Add	45.90	
			For High Strength Low Alloy A572-50 Steel, Add	18.74	
			For High Strength Low Alloy A588 Steel, Add	41.64	
			For Each Additional Top Copes >2, Add	1.65	
			For Structural Tees, WT, MT Or ST, Deduct	-66.45	
			For Skewed Or Sloped Connections, Add	24.98	
05 12 23 00-0298	LF		W12 x 79 A992/A36 Structural Beam Or Girder .....	193.75	39.50
			For Hot Dip Galvanizing, Add	42.05	
			For High Strength Low Alloy A572-50 Steel, Add	17.44	
			For High Strength Low Alloy A588 Steel, Add	38.75	
			For Each Additional Top Copes >2, Add	1.52	
			For Structural Tees, WT, MT Or ST, Deduct	-61.48	
			For Skewed Or Sloped Connections, Add	23.25	
05 12 23 00-0299	LF		W12 x 72 A992/A36 Structural Beam Or Girder .....	181.07	39.07
			For Hot Dip Galvanizing, Add	38.69	
			For High Strength Low Alloy A572-50 Steel, Add	16.30	
			For High Strength Low Alloy A588 Steel, Add	36.21	
			For Each Additional Top Copes >2, Add	1.39	
			For Structural Tees, WT, MT Or ST, Deduct	-57.13	
			For Skewed Or Sloped Connections, Add	21.73	
05 12 23 00-0300	LF		W12 x 65 A992/A36 Structural Beam Or Girder .....	168.54	38.64
			For Hot Dip Galvanizing, Add	35.33	
			For High Strength Low Alloy A572-50 Steel, Add	15.17	
			For High Strength Low Alloy A588 Steel, Add	33.71	
			For Each Additional Top Copes >2, Add	1.27	
			For Structural Tees, WT, MT Or ST, Deduct	-52.81	
			For Skewed Or Sloped Connections, Add	20.22	
05 12 23 00-0301	LF		W12 x 58 A992/A36 Structural Beam Or Girder .....	155.87	38.08
			For Hot Dip Galvanizing, Add	31.97	
			For High Strength Low Alloy A572-50 Steel, Add	14.03	
			For High Strength Low Alloy A588 Steel, Add	31.17	
			For Each Additional Top Copes >2, Add	1.15	
			For Structural Tees, WT, MT Or ST, Deduct	-48.46	
			For Skewed Or Sloped Connections, Add	18.70	
05 12 23 00-0302	LF		W12 x 53 A992/A36 Structural Beam Or Girder .....	147.06	37.79
			For Hot Dip Galvanizing, Add	29.61	
			For High Strength Low Alloy A572-50 Steel, Add	13.24	
			For High Strength Low Alloy A588 Steel, Add	29.41	
			For Each Additional Top Copes >2, Add	1.07	
			For Structural Tees, WT, MT Or ST, Deduct	-45.42	
			For Skewed Or Sloped Connections, Add	17.65	
05 12 23 00-0303	LF		W12 x 50 A992/A36 Structural Beam Or Girder .....	141.42	37.65
			For Hot Dip Galvanizing, Add	28.12	
			For High Strength Low Alloy A572-50 Steel, Add	12.73	
			For High Strength Low Alloy A588 Steel, Add	28.28	
			For Each Additional Top Copes >2, Add	1.01	
			For Structural Tees, WT, MT Or ST, Deduct	-43.49	
			For Skewed Or Sloped Connections, Add	16.97	





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0304	LF		W12 x 45 A992/A36 Structural Beam Or Girder .....	132.60	37.36
			<i>For Hot Dip Galvanizing, Add</i>	25.75	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.93	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	26.52	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.93	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-40.44	
			<i>For Skewed Or Sloped Connections, Add</i>	15.91	
05 12 23 00-0305	LF		W12 x 40 A992/A36 Structural Beam Or Girder .....	113.72	27.77
			<i>For Hot Dip Galvanizing, Add</i>	23.33	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.23	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	22.74	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.84	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-35.36	
			<i>For Skewed Or Sloped Connections, Add</i>	13.65	
05 12 23 00-0306	LF		W12 x 35 A992/A36 Structural Beam Or Girder .....	104.91	27.63
			<i>For Hot Dip Galvanizing, Add</i>	20.97	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.44	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.98	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.32	
			<i>For Skewed Or Sloped Connections, Add</i>	12.59	
05 12 23 00-0307	LF		W12 x 30 A992/A36 Structural Beam Or Girder .....	95.75	27.20
			<i>For Hot Dip Galvanizing, Add</i>	18.55	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.62	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	19.15	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.67	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.17	
			<i>For Skewed Or Sloped Connections, Add</i>	11.49	
05 12 23 00-0308	LF		W12 x 26 A992/A36 Structural Beam Or Girder .....	88.52	26.91
			<i>For Hot Dip Galvanizing, Add</i>	16.62	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.97	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	17.70	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.60	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.69	
			<i>For Skewed Or Sloped Connections, Add</i>	10.62	
05 12 23 00-0309	LF		W12 x 22 A992/A36 Structural Beam Or Girder .....	81.49	26.62
			<i>For Hot Dip Galvanizing, Add</i>	14.75	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.33	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.30	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.53	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-24.27	
			<i>For Skewed Or Sloped Connections, Add</i>	9.78	
05 12 23 00-0310	LF		W12 x 19 A992/A36 Structural Beam Or Girder .....	76.00	26.48
			<i>For Hot Dip Galvanizing, Add</i>	13.26	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.84	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.20	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-22.37	
			<i>For Skewed Or Sloped Connections, Add</i>	9.12	
05 12 23 00-0311	LF		W12 x 16 A992/A36 Structural Beam Or Girder .....	70.55	26.05
			<i>For Hot Dip Galvanizing, Add</i>	11.83	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.35	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.11	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.43	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.51	
			<i>For Skewed Or Sloped Connections, Add</i>	8.47	
05 12 23 00-0312	LF		W12 x 14 A992/A36 Structural Beam Or Girder .....	67.04	26.05
			<i>For Hot Dip Galvanizing, Add</i>	10.90	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.03	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.41	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.39	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-19.30	
			<i>For Skewed Or Sloped Connections, Add</i>	8.04	
05 12 23 00-0313	LF		W10 x 68 A992/A36 Structural Beam Or Girder .....	164.65	29.92
			<i>For Hot Dip Galvanizing, Add</i>	36.87	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.82	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	32.93	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.33	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-52.86	
			<i>For Skewed Or Sloped Connections, Add</i>	19.76	
05 12 23 00-0314	LF		W10 x 60 A992/A36 Structural Beam Or Girder .....	150.40	29.35
			<i>For Hot Dip Galvanizing, Add</i>	33.08	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.54	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	30.08	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.19	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-47.96	
			<i>For Skewed Or Sloped Connections, Add</i>	18.05	
05 12 23 00-0315	LF		W10 x 54 A992/A36 Structural Beam Or Girder .....	139.46	28.77
			<i>For Hot Dip Galvanizing, Add</i>	30.16	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.55	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	27.89	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.09	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-44.19	
			<i>For Skewed Or Sloped Connections, Add</i>	16.74	



**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0316	LF		W10 x 49 A992/A36 Structural Beam Or Girder .....	130.50	28.49
			<i>For Hot Dip Galvanizing, Add</i>	27.79	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.75	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	26.10	
			<i>For Each Additional Top Copes &gt;2, Add</i>	1.00	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-41.12	
			<i>For Skewed Or Sloped Connections, Add</i>	15.66	
05 12 23 00-0317	LF		W10 x 45 A992/A36 Structural Beam Or Girder .....	123.27	28.34
			<i>For Hot Dip Galvanizing, Add</i>	25.87	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.09	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	24.65	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.93	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-38.64	
			<i>For Skewed Or Sloped Connections, Add</i>	14.79	
05 12 23 00-0318	LF		W10 x 39 A992/A36 Structural Beam Or Girder .....	112.53	27.77
			<i>For Hot Dip Galvanizing, Add</i>	23.00	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.13	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	22.51	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.83	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-34.94	
			<i>For Skewed Or Sloped Connections, Add</i>	13.50	
05 12 23 00-0319	LF		W10 x 33 A992/A36 Structural Beam Or Girder .....	101.79	27.34
			<i>For Hot Dip Galvanizing, Add</i>	20.14	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.16	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.36	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.73	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-31.25	
			<i>For Skewed Or Sloped Connections, Add</i>	12.21	
05 12 23 00-0320	LF		W10 x 30 A992/A36 Structural Beam Or Girder .....	96.29	27.20
			<i>For Hot Dip Galvanizing, Add</i>	18.66	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.67	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	19.26	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.67	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.34	
			<i>For Skewed Or Sloped Connections, Add</i>	11.55	
05 12 23 00-0321	LF		W10 x 26 A992/A36 Structural Beam Or Girder .....	89.26	27.05
			<i>For Hot Dip Galvanizing, Add</i>	16.79	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.03	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	17.85	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.60	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.93	
			<i>For Skewed Or Sloped Connections, Add</i>	10.71	
05 12 23 00-0322	LF		W10 x 22 A992/A36 Structural Beam Or Girder .....	81.89	26.62
			<i>For Hot Dip Galvanizing, Add</i>	14.86	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.37	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.38	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.54	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-24.41	
			<i>For Skewed Or Sloped Connections, Add</i>	9.83	
05 12 23 00-0323	LF		W10 x 19 A992/A36 Structural Beam Or Girder .....	76.59	26.48
			<i>For Hot Dip Galvanizing, Add</i>	13.43	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.89	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.32	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-22.58	
			<i>For Skewed Or Sloped Connections, Add</i>	9.19	
05 12 23 00-0324	LF		W10 x 17 A992/A36 Structural Beam Or Girder .....	72.88	26.34
			<i>For Hot Dip Galvanizing, Add</i>	12.44	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.56	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.58	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.45	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.30	
			<i>For Skewed Or Sloped Connections, Add</i>	8.75	
05 12 23 00-0325	LF		W10 x 15 A992/A36 Structural Beam Or Girder .....	69.36	26.05
			<i>For Hot Dip Galvanizing, Add</i>	11.50	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.24	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.87	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.41	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-20.09	
			<i>For Skewed Or Sloped Connections, Add</i>	8.32	
05 12 23 00-0326	LF		W10 x 12 A992/A36 Structural Beam Or Girder .....	64.06	26.05
			<i>For Hot Dip Galvanizing, Add</i>	10.07	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.77	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	12.81	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.36	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-18.26	
			<i>For Skewed Or Sloped Connections, Add</i>	7.69	
05 12 23 00-0327	LF		W8 x 35 A992/A36 Structural Beam Or Girder .....	105.31	27.63
			<i>For Hot Dip Galvanizing, Add</i>	21.08	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.48	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	21.06	
			<i>For Each Additional Top Copes &gt;2, Add</i>	0.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-32.46	
			<i>For Skewed Or Sloped Connections, Add</i>	12.64	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0328 LF W8 x 31 A992/A36 Structural Beam Or Girder .....	98.08	27.20
For Hot Dip Galvanizing, Add	19.15	
For High Strength Low Alloy A572-50 Steel, Add	8.83	
For High Strength Low Alloy A588 Steel, Add	19.62	
For Each Additional Top Copes >2, Add	0.69	
For Structural Tees, WT, MT Or ST, Deduct	-29.97	
For Skewed Or Sloped Connections, Add	11.77	
05 12 23 00-0329 LF W8 x 28 A992/A36 Structural Beam Or Girder .....	91.20	25.62
For Hot Dip Galvanizing, Add	17.72	
For High Strength Low Alloy A572-50 Steel, Add	8.21	
For High Strength Low Alloy A588 Steel, Add	18.24	
For Each Additional Top Copes >2, Add	0.64	
For Structural Tees, WT, MT Or ST, Deduct	-27.82	
For Skewed Or Sloped Connections, Add	10.94	
05 12 23 00-0330 LF W8 x 24 A992/A36 Structural Beam Or Girder .....	83.15	24.05
For Hot Dip Galvanizing, Add	15.96	
For High Strength Low Alloy A572-50 Steel, Add	7.48	
For High Strength Low Alloy A588 Steel, Add	16.63	
For Each Additional Top Copes >2, Add	0.58	
For Structural Tees, WT, MT Or ST, Deduct	-25.26	
For Skewed Or Sloped Connections, Add	9.98	
05 12 23 00-0331 LF W8 x 21 A992/A36 Structural Beam Or Girder .....	77.39	22.33
For Hot Dip Galvanizing, Add	14.84	
For High Strength Low Alloy A572-50 Steel, Add	6.97	
For High Strength Low Alloy A588 Steel, Add	15.48	
For Each Additional Top Copes >2, Add	0.53	
For Structural Tees, WT, MT Or ST, Deduct	-23.50	
For Skewed Or Sloped Connections, Add	9.29	
05 12 23 00-0332 LF W8 x 18 A992/A36 Structural Beam Or Girder .....	67.72	20.76
For Hot Dip Galvanizing, Add	12.63	
For High Strength Low Alloy A572-50 Steel, Add	6.09	
For High Strength Low Alloy A588 Steel, Add	13.54	
For Each Additional Top Copes >2, Add	0.46	
For Structural Tees, WT, MT Or ST, Deduct	-20.37	
For Skewed Or Sloped Connections, Add	8.13	
05 12 23 00-0333 LF W8 x 10 A992/A36 Structural Beam Or Girder .....	40.06	14.89
For Hot Dip Galvanizing, Add	6.75	
For High Strength Low Alloy A572-50 Steel, Add	3.61	
For High Strength Low Alloy A588 Steel, Add	8.01	
For Each Additional Top Copes >2, Add	0.24	
For Structural Tees, WT, MT Or ST, Deduct	-11.66	
For Skewed Or Sloped Connections, Add	4.81	
05 12 23 00-0334 LF W6 x 9 A992/A36 Structural Beam Or Girder .....	36.88	12.16
For Hot Dip Galvanizing, Add	6.66	
For High Strength Low Alloy A572-50 Steel, Add	3.32	
For High Strength Low Alloy A588 Steel, Add	7.38	
For Each Additional Top Copes >2, Add	0.24	
For Structural Tees, WT, MT Or ST, Deduct	-10.98	
For Skewed Or Sloped Connections, Add	4.43	
<b>05 12 23 00-0335 A992/A36 Structural Steel, M Shapes (05 12 23 00-0117)</b>		
Note: Includes material delivery and erection.		
05 12 23 00-0336 LF M14 x 18 A992/A36 Structural Steel.....	71.79	20.50
For Hot Dip Galvanizing, Add	13.86	
For High Strength Low Alloy A572-50 Steel, Add	6.46	
For High Strength Low Alloy A588 Grade B Steel, Add	14.36	
05 12 23 00-0337 LF M12 x 11.8 A992/A36 Structural Steel.....	52.07	18.13
For Hot Dip Galvanizing, Add	9.09	
For High Strength Low Alloy A572-50 Steel, Add	4.69	
For High Strength Low Alloy A588 Grade B Steel, Add	10.41	
05 12 23 00-0338 LF M10 x 9 A992/A36 Structural Steel.....	40.48	14.56
For Hot Dip Galvanizing, Add	6.93	
For High Strength Low Alloy A572-50 Steel, Add	3.64	
For High Strength Low Alloy A588 Grade B Steel, Add	8.10	
05 12 23 00-0339 LF M8 x 6.5 A992/A36 Structural Steel.....	29.25	10.51
For Hot Dip Galvanizing, Add	5.01	
For High Strength Low Alloy A572-50 Steel, Add	2.63	
For High Strength Low Alloy A588 Grade B Steel, Add	5.85	
05 12 23 00-0340 LF M6 x 20 A992/A36 Structural Steel.....	79.82	23.05
For Hot Dip Galvanizing, Add	15.40	
For High Strength Low Alloy A572-50 Steel, Add	7.18	
For High Strength Low Alloy A588 Grade B Steel, Add	15.96	
05 12 23 00-0341 LF M6 x 4.4 A992/A36 Structural Steel.....	19.78	7.11
For Hot Dip Galvanizing, Add	3.38	
For High Strength Low Alloy A572-50 Steel, Add	1.78	
For High Strength Low Alloy A588 Grade B Steel, Add	3.96	
05 12 23 00-0342 LF M5 x 18.9 A992/A36 Structural Steel.....	76.97	23.05
For Hot Dip Galvanizing, Add	14.53	
For High Strength Low Alloy A572-50 Steel, Add	6.93	
For High Strength Low Alloy A588 Grade B Steel, Add	15.39	
05 12 23 00-0343 LF M4 x 13 A992/A36 Structural Steel.....	63.52	22.62
For Hot Dip Galvanizing, Add	10.95	
For High Strength Low Alloy A572-50 Steel, Add	5.72	
For High Strength Low Alloy A588 Grade B Steel, Add	12.70	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 12 23 00-0344 A992/A36 Structural Steel, S Shapes</b> (05 12 23 00-0117)		
Note: Includes material delivery and erection.		
05 12 23 00-0345 LF S24 x 121 A992/A36 Structural Steel .....	428.72	103.84
For Hot Dip Galvanizing, Add	88.25	
For High Strength Low Alloy A572-50 Steel, Add	38.58	
For High Strength Low Alloy A588 Grade B Steel, Add	85.74	
05 12 23 00-0346 LF S24 x 106 A992/A36 Structural Steel .....	380.69	95.76
For Hot Dip Galvanizing, Add	77.31	
For High Strength Low Alloy A572-50 Steel, Add	34.26	
For High Strength Low Alloy A588 Grade B Steel, Add	76.14	
05 12 23 00-0347 LF S24 x 100 A992/A36 Structural Steel .....	364.20	95.08
For Hot Dip Galvanizing, Add	72.93	
For High Strength Low Alloy A572-50 Steel, Add	32.78	
For High Strength Low Alloy A588 Grade B Steel, Add	72.84	
05 12 23 00-0348 LF S24 x 90 A992/A36 Structural Steel .....	332.59	90.08
For Hot Dip Galvanizing, Add	65.64	
For High Strength Low Alloy A572-50 Steel, Add	29.93	
For High Strength Low Alloy A588 Grade B Steel, Add	66.52	
05 12 23 00-0349 LF S24 x 80 A992/A36 Structural Steel .....	300.12	84.30
For Hot Dip Galvanizing, Add	58.35	
For High Strength Low Alloy A572-50 Steel, Add	27.01	
For High Strength Low Alloy A588 Grade B Steel, Add	60.02	
05 12 23 00-0350 LF S20 x 96 A992/A36 Structural Steel .....	349.64	91.29
For Hot Dip Galvanizing, Add	70.02	
For High Strength Low Alloy A572-50 Steel, Add	31.47	
For High Strength Low Alloy A588 Grade B Steel, Add	69.93	
05 12 23 00-0351 LF S20 x 86 A992/A36 Structural Steel .....	317.80	86.08
For Hot Dip Galvanizing, Add	62.72	
For High Strength Low Alloy A572-50 Steel, Add	28.60	
For High Strength Low Alloy A588 Grade B Steel, Add	63.56	
05 12 23 00-0352 LF S20 x 75 A992/A36 Structural Steel .....	281.35	79.03
For Hot Dip Galvanizing, Add	54.70	
For High Strength Low Alloy A572-50 Steel, Add	25.32	
For High Strength Low Alloy A588 Grade B Steel, Add	56.27	
05 12 23 00-0353 LF S20 x 66 A992/A36 Structural Steel .....	251.50	73.20
For Hot Dip Galvanizing, Add	48.14	
For High Strength Low Alloy A572-50 Steel, Add	22.64	
For High Strength Low Alloy A588 Grade B Steel, Add	50.30	
05 12 23 00-0354 LF S18 x 70 A992/A36 Structural Steel .....	266.75	77.64
For Hot Dip Galvanizing, Add	51.05	
For High Strength Low Alloy A572-50 Steel, Add	24.01	
For High Strength Low Alloy A588 Grade B Steel, Add	53.35	
05 12 23 00-0355 LF S18 x 54.7 A992/A36 Structural Steel .....	211.85	63.85
For Hot Dip Galvanizing, Add	39.89	
For High Strength Low Alloy A572-50 Steel, Add	19.07	
For High Strength Low Alloy A588 Grade B Steel, Add	42.37	
05 12 23 00-0356 LF S15 x 50 A992/A36 Structural Steel .....	196.92	61.44
For Hot Dip Galvanizing, Add	36.47	
For High Strength Low Alloy A572-50 Steel, Add	17.72	
For High Strength Low Alloy A588 Grade B Steel, Add	39.38	
05 12 23 00-0357 LF S15 x 42.9 A992/A36 Structural Steel .....	171.92	55.49
For Hot Dip Galvanizing, Add	31.29	
For High Strength Low Alloy A572-50 Steel, Add	15.47	
For High Strength Low Alloy A588 Grade B Steel, Add	34.38	
05 12 23 00-0358 LF S12 x 50 A992/A36 Structural Steel .....	193.65	58.37
For Hot Dip Galvanizing, Add	36.47	
For High Strength Low Alloy A572-50 Steel, Add	17.43	
For High Strength Low Alloy A588 Grade B Steel, Add	38.73	
05 12 23 00-0359 LF S12 x 40.8 A992/A36 Structural Steel .....	160.68	50.14
For Hot Dip Galvanizing, Add	29.76	
For High Strength Low Alloy A572-50 Steel, Add	14.46	
For High Strength Low Alloy A588 Grade B Steel, Add	32.14	
05 12 23 00-0360 LF S12 x 35 A992/A36 Structural Steel .....	140.25	45.27
For Hot Dip Galvanizing, Add	25.53	
For High Strength Low Alloy A572-50 Steel, Add	12.62	
For High Strength Low Alloy A588 Grade B Steel, Add	28.05	
05 12 23 00-0361 LF S12 x 31.8 A992/A36 Structural Steel .....	129.75	43.30
For Hot Dip Galvanizing, Add	23.19	
For High Strength Low Alloy A572-50 Steel, Add	11.68	
For High Strength Low Alloy A588 Grade B Steel, Add	25.95	
05 12 23 00-0362 LF S10 x 35 A992/A36 Structural Steel .....	142.81	47.67
For Hot Dip Galvanizing, Add	25.53	
For High Strength Low Alloy A572-50 Steel, Add	12.85	
For High Strength Low Alloy A588 Grade B Steel, Add	28.56	
05 12 23 00-0363 LF S10 x 25.4 A992/A36 Structural Steel .....	105.58	36.41
For Hot Dip Galvanizing, Add	18.53	
For High Strength Low Alloy A572-50 Steel, Add	9.50	
For High Strength Low Alloy A588 Grade B Steel, Add	21.12	
05 12 23 00-0364 LF S8 x 23 A992/A36 Structural Steel .....	95.60	32.96
For Hot Dip Galvanizing, Add	16.77	
For High Strength Low Alloy A572-50 Steel, Add	8.60	
For High Strength Low Alloy A588 Grade B Steel, Add	19.12	
05 12 23 00-0365 LF S8 x 18.4 A992/A36 Structural Steel .....	77.96	27.76
For Hot Dip Galvanizing, Add	13.42	
For High Strength Low Alloy A572-50 Steel, Add	7.02	
For High Strength Low Alloy A588 Grade B Steel, Add	15.59	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0366 LF S7 x 20 A992/A36 Structural Steel .....	84.73	30.17
For Hot Dip Galvanizing, Add	14.59	
For High Strength Low Alloy A572-50 Steel, Add	7.63	
For High Strength Low Alloy A588 Grade B Steel, Add	16.95	
05 12 23 00-0367 LF S7 x 15.3 A992/A36 Structural Steel .....	66.12	24.31
For Hot Dip Galvanizing, Add	11.16	
For High Strength Low Alloy A572-50 Steel, Add	5.95	
For High Strength Low Alloy A588 Grade B Steel, Add	13.22	
05 12 23 00-0368 LF S6 x 17.25 A992/A36 Structural Steel .....	71.11	24.17
For Hot Dip Galvanizing, Add	12.58	
For High Strength Low Alloy A572-50 Steel, Add	6.40	
For High Strength Low Alloy A588 Grade B Steel, Add	14.22	
05 12 23 00-0369 LF S6 x 12.5 A992/A36 Structural Steel .....	61.09	22.33
For Hot Dip Galvanizing, Add	10.32	
For High Strength Low Alloy A572-50 Steel, Add	5.50	
For High Strength Low Alloy A588 Grade B Steel, Add	12.22	
05 12 23 00-0370 LF S5 x 14.75 A992/A36 Structural Steel .....	64.97	22.76
For Hot Dip Galvanizing, Add	11.31	
For High Strength Low Alloy A572-50 Steel, Add	5.85	
For High Strength Low Alloy A588 Grade B Steel, Add	12.99	
05 12 23 00-0371 LF S5 x 10 A992/A36 Structural Steel .....	55.41	22.19
For Hot Dip Galvanizing, Add	8.78	
For High Strength Low Alloy A572-50 Steel, Add	4.99	
For High Strength Low Alloy A588 Grade B Steel, Add	11.08	
05 12 23 00-0372 LF S4 x 9.5 A992/A36 Structural Steel .....	53.94	22.19
For Hot Dip Galvanizing, Add	8.37	
For High Strength Low Alloy A572-50 Steel, Add	4.85	
For High Strength Low Alloy A588 Grade B Steel, Add	10.79	
05 12 23 00-0373 LF S4 x 7.7 A992/A36 Structural Steel .....	50.53	22.19
For Hot Dip Galvanizing, Add	7.47	
For High Strength Low Alloy A572-50 Steel, Add	4.55	
For High Strength Low Alloy A588 Grade B Steel, Add	10.11	
05 12 23 00-0374 LF S3 x 7.5 A992/A36 Structural Steel .....	50.20	22.19
For Hot Dip Galvanizing, Add	7.38	
For High Strength Low Alloy A572-50 Steel, Add	4.52	
For High Strength Low Alloy A588 Grade B Steel, Add	10.04	
05 12 23 00-0375 LF S3 x 5.7 A992/A36 Structural Steel .....	46.15	22.05
For Hot Dip Galvanizing, Add	6.29	
For High Strength Low Alloy A572-50 Steel, Add	4.15	
For High Strength Low Alloy A588 Grade B Steel, Add	9.23	
<b>05 12 23 00-0376 A992/A36 Structural Steel, HP Shapes</b> (05 12 23 00-0117)		
Note: Includes material delivery and erection.		
05 12 23 00-0377 LF HP14 x 117 A992/A36 Structural Steel .....	258.66	30.77
For Hot Dip Galvanizing, Add	62.68	
For High Strength Low Alloy A572-50 Steel, Add	23.28	
For High Strength Low Alloy A588 Grade B Steel, Add	51.73	
05 12 23 00-0378 LF HP14 x 102 A992/A36 Structural Steel .....	226.60	28.63
For Hot Dip Galvanizing, Add	54.42	
For High Strength Low Alloy A572-50 Steel, Add	20.39	
For High Strength Low Alloy A588 Grade B Steel, Add	45.32	
05 12 23 00-0379 LF HP14 x 89 A992/A36 Structural Steel .....	202.12	26.85
For Hot Dip Galvanizing, Add	48.14	
For High Strength Low Alloy A572-50 Steel, Add	18.19	
For High Strength Low Alloy A588 Grade B Steel, Add	40.42	
05 12 23 00-0380 LF HP14 x 73 A992/A36 Structural Steel .....	167.83	25.30
For Hot Dip Galvanizing, Add	39.09	
For High Strength Low Alloy A572-50 Steel, Add	15.10	
For High Strength Low Alloy A588 Grade B Steel, Add	33.57	
05 12 23 00-0381 LF HP13 x 100 A992/A36 Structural Steel .....	222.17	28.07
For Hot Dip Galvanizing, Add	53.35	
For High Strength Low Alloy A572-50 Steel, Add	20.00	
For High Strength Low Alloy A588 Grade B Steel, Add	44.43	
05 12 23 00-0382 LF HP13 x 87 A992/A36 Structural Steel .....	197.58	26.26
For Hot Dip Galvanizing, Add	47.06	
For High Strength Low Alloy A572-50 Steel, Add	17.78	
For High Strength Low Alloy A588 Grade B Steel, Add	39.52	
05 12 23 00-0383 LF HP13 x 73 A992/A36 Structural Steel .....	167.83	25.30
For Hot Dip Galvanizing, Add	39.09	
For High Strength Low Alloy A572-50 Steel, Add	15.10	
For High Strength Low Alloy A588 Grade B Steel, Add	33.57	
05 12 23 00-0384 LF HP13 x 60 A992/A36 Structural Steel .....	142.67	24.26
For Hot Dip Galvanizing, Add	32.41	
For High Strength Low Alloy A572-50 Steel, Add	12.84	
For High Strength Low Alloy A588 Grade B Steel, Add	28.53	
05 12 23 00-0385 LF HP12 x 84 A992/A36 Structural Steel .....	186.87	27.68
For Hot Dip Galvanizing, Add	43.67	
For High Strength Low Alloy A572-50 Steel, Add	16.82	
For High Strength Low Alloy A588 Grade B Steel, Add	37.37	
05 12 23 00-0386 LF HP12 x 74 A992/A36 Structural Steel .....	165.37	26.11
For Hot Dip Galvanizing, Add	38.17	
For High Strength Low Alloy A572-50 Steel, Add	14.88	
For High Strength Low Alloy A588 Grade B Steel, Add	33.07	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0387	LF HP12 x 63 A992/A36 Structural Steel.....	142.61	24.01
	For Hot Dip Galvanizing, Add	32.47	
	For High Strength Low Alloy A572-50 Steel, Add	12.83	
	For High Strength Low Alloy A588 Grade B Steel, Add	28.52	
05 12 23 00-0388	LF HP12 x 53 A992/A36 Structural Steel.....	130.90	22.83
	For Hot Dip Galvanizing, Add	29.57	
	For High Strength Low Alloy A572-50 Steel, Add	11.78	
	For High Strength Low Alloy A588 Grade B Steel, Add	26.18	
05 12 23 00-0389	LF HP10 x 57 A992/A36 Structural Steel.....	137.79	23.42
	For Hot Dip Galvanizing, Add	31.31	
	For High Strength Low Alloy A572-50 Steel, Add	12.40	
	For High Strength Low Alloy A588 Grade B Steel, Add	27.56	
05 12 23 00-0390	LF HP10 x 42 A992/A36 Structural Steel.....	113.99	21.96
	For Hot Dip Galvanizing, Add	25.14	
	For High Strength Low Alloy A572-50 Steel, Add	10.26	
	For High Strength Low Alloy A588 Grade B Steel, Add	22.80	
05 12 23 00-0391	LF HP8 x 36 A992/A36 Structural Steel.....	99.37	20.70
	For Hot Dip Galvanizing, Add	21.45	
	For High Strength Low Alloy A572-50 Steel, Add	8.94	
	For High Strength Low Alloy A588 Grade B Steel, Add	19.87	
05 12 23 00-0392	<b>Lightweight Framing Steel Shapes</b> (05 12 23)		
	Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0393	<b>Angle Iron - L</b> (05 12 23 00-0392)		
05 12 23 00-0394	<b>1/8" Thick</b> (05 12 23 00-0393)		
05 12 23 00-0395	LF 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	3.36	2.10
	For >100 To 250, Deduct	-0.22	
	For >250 To 500, Deduct	-0.31	
	For >500 To 1,000, Deduct	-0.46	
	For >1,000, Deduct	-0.62	
	For 304 Stainless Steel, Add	1.60	
	For 316 Stainless Steel, Add	1.79	
	For Aluminum, Add	0.10	
	For Galvanized Steel, Add	0.35	
	For High Strength Steel (HSS), Add	0.67	
05 12 23 00-0396	LF 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	3.89	2.38
	For >100 To 250, Deduct	-0.26	
	For >250 To 500, Deduct	-0.35	
	For >500 To 1,000, Deduct	-0.53	
	For >1,000, Deduct	-0.71	
	For 304 Stainless Steel, Add	2.02	
	For 316 Stainless Steel, Add	2.27	
	For Aluminum, Add	0.13	
	For Galvanized Steel, Add	0.44	
	For High Strength Steel (HSS), Add	0.78	
05 12 23 00-0397	LF 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.38	2.63
	For >100 To 250, Deduct	-0.28	
	For >250 To 500, Deduct	-0.39	
	For >500 To 1,000, Deduct	-0.59	
	For >1,000, Deduct	-0.79	
	For 304 Stainless Steel, Add	2.51	
	For 316 Stainless Steel, Add	2.82	
	For Aluminum, Add	0.16	
	For Galvanized Steel, Add	0.55	
	For High Strength Steel (HSS), Add	0.88	
05 12 23 00-0398	LF 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.91	2.92
	For >100 To 250, Deduct	-0.32	
	For >250 To 500, Deduct	-0.44	
	For >500 To 1,000, Deduct	-0.66	
	For >1,000, Deduct	-0.88	
	For 304 Stainless Steel, Add	2.91	
	For 316 Stainless Steel, Add	3.26	
	For Aluminum, Add	0.18	
	For Galvanized Steel, Add	0.63	
	For High Strength Steel (HSS), Add	0.98	
05 12 23 00-0399	LF 1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	5.40	3.15
	For >100 To 250, Deduct	-0.35	
	For >250 To 500, Deduct	-0.48	
	For >500 To 1,000, Deduct	-0.72	
	For >1,000, Deduct	-0.96	
	For 304 Stainless Steel, Add	3.39	
	For 316 Stainless Steel, Add	3.81	
	For Aluminum, Add	0.21	
	For Galvanized Steel, Add	0.74	
	For High Strength Steel (HSS), Add	1.08	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0400	LF		1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron .....	6.45	3.71
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.86	
			<i>For &gt;1,000, Deduct</i>	-1.14	
			<i>For 304 Stainless Steel, Add</i>	4.28	
			<i>For 316 Stainless Steel, Add</i>	4.80	
			<i>For Aluminum, Add</i>	0.27	
			<i>For Galvanized Steel, Add</i>	0.93	
			<i>For High Strength Steel (HSS), Add</i>	1.29	
05 12 23 00-0401	LF		1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron .....	6.45	3.71
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.86	
			<i>For &gt;1,000, Deduct</i>	-1.14	
			<i>For 304 Stainless Steel, Add</i>	4.28	
			<i>For 316 Stainless Steel, Add</i>	4.80	
			<i>For Aluminum, Add</i>	0.27	
			<i>For Galvanized Steel, Add</i>	0.93	
			<i>For High Strength Steel (HSS), Add</i>	1.29	
05 12 23 00-0402	LF		1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron .....	7.12	3.98
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.93	
			<i>For &gt;1,000, Deduct</i>	-1.24	
			<i>For 304 Stainless Steel, Add</i>	5.16	
			<i>For 316 Stainless Steel, Add</i>	5.79	
			<i>For Aluminum, Add</i>	0.33	
			<i>For Galvanized Steel, Add</i>	1.12	
			<i>For High Strength Steel (HSS), Add</i>	1.42	
05 12 23 00-0403	LF		1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron .....	7.63	4.12
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.66	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.98	
			<i>For &gt;1,000, Deduct</i>	-1.31	
			<i>For 304 Stainless Steel, Add</i>	6.10	
			<i>For 316 Stainless Steel, Add</i>	6.85	
			<i>For Aluminum, Add</i>	0.39	
			<i>For Galvanized Steel, Add</i>	1.33	
			<i>For High Strength Steel (HSS), Add</i>	1.53	
05 12 23 00-0404	LF		2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron .....	7.63	4.12
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.66	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.98	
			<i>For &gt;1,000, Deduct</i>	-1.31	
			<i>For 304 Stainless Steel, Add</i>	6.10	
			<i>For 316 Stainless Steel, Add</i>	6.85	
			<i>For Aluminum, Add</i>	0.39	
			<i>For Galvanized Steel, Add</i>	1.33	
			<i>For High Strength Steel (HSS), Add</i>	1.53	
05 12 23 00-0405	LF		2" x 2" x 1/8" Thick, Plain Steel Angle Iron .....	8.14	4.26
			<i>For &gt;100 To 250, Deduct</i>	-0.49	
			<i>For &gt;250 To 500, Deduct</i>	-0.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.04	
			<i>For &gt;1,000, Deduct</i>	-1.38	
			<i>For 304 Stainless Steel, Add</i>	7.01	
			<i>For 316 Stainless Steel, Add</i>	7.87	
			<i>For Aluminum, Add</i>	0.44	
			<i>For Galvanized Steel, Add</i>	1.53	
			<i>For High Strength Steel (HSS), Add</i>	1.63	
05 12 23 00-0406			<b>3/16" Thick</b> <small>(05 12 23 00-0393)</small>		
05 12 23 00-0407	LF		1" x 1" x 3/16" Thick, Plain Steel Angle Iron .....	6.17	3.33
			<i>For &gt;100 To 250, Deduct</i>	-0.38	
			<i>For &gt;250 To 500, Deduct</i>	-0.53	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.80	
			<i>For &gt;1,000, Deduct</i>	-1.06	
			<i>For 304 Stainless Steel, Add</i>	4.90	
			<i>For 316 Stainless Steel, Add</i>	5.50	
			<i>For Aluminum, Add</i>	0.31	
			<i>For Galvanized Steel, Add</i>	1.07	
			<i>For High Strength Steel (HSS), Add</i>	1.23	
05 12 23 00-0408	LF		1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron .....	7.43	3.92
			<i>For &gt;100 To 250, Deduct</i>	-0.45	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.95	
			<i>For &gt;1,000, Deduct</i>	-1.27	
			<i>For 304 Stainless Steel, Add</i>	6.27	
			<i>For 316 Stainless Steel, Add</i>	7.04	
			<i>For Aluminum, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.36	
			<i>For High Strength Steel (HSS), Add</i>	1.49	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0409	LF 1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron .....	7.43	3.92
	For >100 To 250, Deduct	-0.45	
	For >250 To 500, Deduct	-0.63	
	For >500 To 1,000, Deduct	-0.95	
	For >1,000, Deduct	-1.27	
	For 304 Stainless Steel, Add	6.27	
	For 316 Stainless Steel, Add	7.04	
	For Aluminum, Add	0.40	
	For Galvanized Steel, Add	1.36	
	For High Strength Steel (HSS), Add	1.49	
05 12 23 00-0410	LF 1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron .....	8.27	4.21
	For >100 To 250, Deduct	-0.49	
	For >250 To 500, Deduct	-0.69	
	For >500 To 1,000, Deduct	-1.04	
	For >1,000, Deduct	-1.39	
	For 304 Stainless Steel, Add	7.61	
	For 316 Stainless Steel, Add	8.54	
	For Aluminum, Add	0.48	
	For Galvanized Steel, Add	1.66	
	For High Strength Steel (HSS), Add	1.65	
05 12 23 00-0411	LF 1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron .....	8.97	4.35
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.11	
	For >1,000, Deduct	-1.48	
	For 304 Stainless Steel, Add	9.01	
	For 316 Stainless Steel, Add	10.11	
	For Aluminum, Add	0.57	
	For Galvanized Steel, Add	1.96	
	For High Strength Steel (HSS), Add	1.79	
05 12 23 00-0412	LF 2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron .....	8.97	4.36
	For >100 To 250, Deduct	-0.51	
	For >250 To 500, Deduct	-0.74	
	For >500 To 1,000, Deduct	-1.11	
	For >1,000, Deduct	-1.48	
	For 304 Stainless Steel, Add	9.01	
	For 316 Stainless Steel, Add	10.11	
	For Aluminum, Add	0.57	
	For Galvanized Steel, Add	1.96	
	For High Strength Steel (HSS), Add	1.79	
05 12 23 00-0413	LF 2" x 2" x 3/16" Thick, Plain Steel Angle Iron .....	9.64	4.51
	For >100 To 250, Deduct	-0.54	
	For >250 To 500, Deduct	-0.78	
	For >500 To 1,000, Deduct	-1.17	
	For >1,000, Deduct	-1.57	
	For 304 Stainless Steel, Add	10.35	
	For 316 Stainless Steel, Add	11.62	
	For Aluminum, Add	0.65	
	For Galvanized Steel, Add	2.25	
	For High Strength Steel (HSS), Add	1.93	
05 12 23 00-0414	LF 2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron .....	10.53	4.83
	For >100 To 250, Deduct	-0.59	
	For >250 To 500, Deduct	-0.85	
	For >500 To 1,000, Deduct	-1.27	
	For >1,000, Deduct	-1.70	
	For 304 Stainless Steel, Add	11.66	
	For 316 Stainless Steel, Add	13.09	
	For Aluminum, Add	0.74	
	For Galvanized Steel, Add	2.54	
	For High Strength Steel (HSS), Add	2.11	
05 12 23 00-0415	LF 2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron .....	11.47	5.17
	For >100 To 250, Deduct	-0.63	
	For >250 To 500, Deduct	-0.92	
	For >500 To 1,000, Deduct	-1.38	
	For >1,000, Deduct	-1.84	
	For 304 Stainless Steel, Add	13.05	
	For 316 Stainless Steel, Add	14.66	
	For Aluminum, Add	0.82	
	For Galvanized Steel, Add	2.84	
	For High Strength Steel (HSS), Add	2.29	
05 12 23 00-0416	LF 3" x 2" x 3/16" Thick, Plain Steel Angle Iron .....	11.46	5.17
	For >100 To 250, Deduct	-0.63	
	For >250 To 500, Deduct	-0.92	
	For >500 To 1,000, Deduct	-1.38	
	For >1,000, Deduct	-1.84	
	For 304 Stainless Steel, Add	13.02	
	For 316 Stainless Steel, Add	14.62	
	For Aluminum, Add	0.82	
	For Galvanized Steel, Add	2.83	
	For High Strength Steel (HSS), Add	2.29	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0417 LF 3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron .....	12.66	5.70
For >100 To 250, Deduct	-0.70	
For >250 To 500, Deduct	-1.01	
For >500 To 1,000, Deduct	-1.52	
For >1,000, Deduct	-2.03	
For 304 Stainless Steel, Add	14.39	
For 316 Stainless Steel, Add	16.16	
For Aluminum, Add	0.91	
For Galvanized Steel, Add	3.13	
For High Strength Steel (HSS), Add	2.53	
05 12 23 00-0418 LF 3" x 3" x 3/16" Thick, Plain Steel Angle Iron .....	13.85	6.25
For >100 To 250, Deduct	-0.76	
For >250 To 500, Deduct	-1.11	
For >500 To 1,000, Deduct	-1.66	
For >1,000, Deduct	-2.22	
For 304 Stainless Steel, Add	15.73	
For 316 Stainless Steel, Add	17.66	
For Aluminum, Add	0.99	
For Galvanized Steel, Add	3.42	
For High Strength Steel (HSS), Add	2.77	
<b>05 12 23 00-0419 1/4" Thick</b> <small>(05 12 23 00-0393)</small>		
05 12 23 00-0420 LF 1" x 1" x 1/4" Thick, Plain Steel Angle Iron .....	7.33	3.85
For >100 To 250, Deduct	-0.44	
For >250 To 500, Deduct	-0.62	
For >500 To 1,000, Deduct	-0.94	
For >1,000, Deduct	-1.25	
For 304 Stainless Steel, Add	6.24	
For 316 Stainless Steel, Add	7.01	
For Aluminum, Add	0.39	
For Galvanized Steel, Add	1.36	
For High Strength Steel (HSS), Add	1.47	
05 12 23 00-0421 LF 1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron .....	8.35	4.14
For >100 To 250, Deduct	-0.48	
For >250 To 500, Deduct	-0.69	
For >500 To 1,000, Deduct	-1.04	
For >1,000, Deduct	-1.39	
For 304 Stainless Steel, Add	8.07	
For 316 Stainless Steel, Add	9.06	
For Aluminum, Add	0.51	
For Galvanized Steel, Add	1.75	
For High Strength Steel (HSS), Add	1.67	
05 12 23 00-0422 LF 1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron .....	8.34	4.14
For >100 To 250, Deduct	-0.48	
For >250 To 500, Deduct	-0.69	
For >500 To 1,000, Deduct	-1.04	
For >1,000, Deduct	-1.39	
For 304 Stainless Steel, Add	8.04	
For 316 Stainless Steel, Add	9.02	
For Aluminum, Add	0.51	
For Galvanized Steel, Add	1.75	
For High Strength Steel (HSS), Add	1.67	
05 12 23 00-0423 LF 1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	9.37	4.44
For >100 To 250, Deduct	-0.53	
For >250 To 500, Deduct	-0.76	
For >500 To 1,000, Deduct	-1.15	
For >1,000, Deduct	-1.53	
For 304 Stainless Steel, Add	9.83	
For 316 Stainless Steel, Add	11.04	
For Aluminum, Add	0.62	
For Galvanized Steel, Add	2.14	
For High Strength Steel (HSS), Add	1.87	
05 12 23 00-0424 LF 1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron .....	10.24	4.58
For >100 To 250, Deduct	-0.56	
For >250 To 500, Deduct	-0.82	
For >500 To 1,000, Deduct	-1.23	
For >1,000, Deduct	-1.64	
For 304 Stainless Steel, Add	11.77	
For 316 Stainless Steel, Add	13.22	
For Aluminum, Add	0.74	
For Galvanized Steel, Add	2.56	
For High Strength Steel (HSS), Add	2.05	
05 12 23 00-0425 LF 2" x 1" x 1/4" Thick, Plain Steel Angle Iron .....	9.10	4.30
For >100 To 250, Deduct	-0.51	
For >250 To 500, Deduct	-0.74	
For >500 To 1,000, Deduct	-1.10	
For >1,000, Deduct	-1.47	
For 304 Stainless Steel, Add	9.92	
For 316 Stainless Steel, Add	11.14	
For Aluminum, Add	0.63	
For Galvanized Steel, Add	2.16	
For High Strength Steel (HSS), Add	1.82	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0426	LF 2" x 2" x 1/4" Thick, Plain Steel Angle Iron .....	10.22	4.58
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-0.82	
	For >500 To 1,000, Deduct	-1.22	
	For >1,000, Deduct	-1.63	
	For 304 Stainless Steel, Add	11.71	
	For 316 Stainless Steel, Add	13.15	
	For Aluminum, Add	0.74	
	For Galvanized Steel, Add	2.55	
	For High Strength Steel (HSS), Add	2.04	
05 12 23 00-0427	LF 2" x 2" x 1/4" Thick, Plain Steel Angle Iron.....	11.05	4.73
	For >100 To 250, Deduct	-0.59	
	For >250 To 500, Deduct	-0.87	
	For >500 To 1,000, Deduct	-1.30	
	For >1,000, Deduct	-1.74	
	For 304 Stainless Steel, Add	13.51	
	For 316 Stainless Steel, Add	15.17	
	For Aluminum, Add	0.85	
	For Galvanized Steel, Add	2.94	
	For High Strength Steel (HSS), Add	2.21	
05 12 23 00-0428	LF 2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron .....	12.37	5.24
	For >100 To 250, Deduct	-0.66	
	For >250 To 500, Deduct	-0.97	
	For >500 To 1,000, Deduct	-1.45	
	For >1,000, Deduct	-1.94	
	For 304 Stainless Steel, Add	15.36	
	For 316 Stainless Steel, Add	17.25	
	For Aluminum, Add	0.97	
	For Galvanized Steel, Add	3.34	
	For High Strength Steel (HSS), Add	2.47	
05 12 23 00-0429	LF 2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	13.75	5.74
	For >100 To 250, Deduct	-0.73	
	For >250 To 500, Deduct	-1.07	
	For >500 To 1,000, Deduct	-1.61	
	For >1,000, Deduct	-2.14	
	For 304 Stainless Steel, Add	17.36	
	For 316 Stainless Steel, Add	19.49	
	For Aluminum, Add	1.10	
	For Galvanized Steel, Add	3.78	
	For High Strength Steel (HSS), Add	2.75	
05 12 23 00-0430	LF 3" x 2" x 1/4" Thick, Plain Steel Angle Iron.....	13.75	5.74
	For >100 To 250, Deduct	-0.73	
	For >250 To 500, Deduct	-1.07	
	For >500 To 1,000, Deduct	-1.61	
	For >1,000, Deduct	-2.14	
	For 304 Stainless Steel, Add	17.36	
	For 316 Stainless Steel, Add	19.49	
	For Aluminum, Add	1.10	
	For Galvanized Steel, Add	3.78	
	For High Strength Steel (HSS), Add	2.75	
05 12 23 00-0431	LF 3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	15.20	6.37
	For >100 To 250, Deduct	-0.81	
	For >250 To 500, Deduct	-1.19	
	For >500 To 1,000, Deduct	-1.78	
	For >1,000, Deduct	-2.37	
	For 304 Stainless Steel, Add	19.10	
	For 316 Stainless Steel, Add	21.44	
	For Aluminum, Add	1.21	
	For Galvanized Steel, Add	4.15	
	For High Strength Steel (HSS), Add	3.04	
05 12 23 00-0432	LF 3" x 3" x 1/4" Thick, Plain Steel Angle Iron.....	16.62	7.00
	For >100 To 250, Deduct	-0.88	
	For >250 To 500, Deduct	-1.30	
	For >500 To 1,000, Deduct	-1.95	
	For >1,000, Deduct	-2.60	
	For 304 Stainless Steel, Add	20.75	
	For 316 Stainless Steel, Add	23.30	
	For Aluminum, Add	1.31	
	For Galvanized Steel, Add	4.51	
	For High Strength Steel (HSS), Add	3.32	
05 12 23 00-0433	LF 3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron .....	18.06	7.53
	For >100 To 250, Deduct	-0.95	
	For >250 To 500, Deduct	-1.41	
	For >500 To 1,000, Deduct	-2.11	
	For >1,000, Deduct	-2.81	
	For 304 Stainless Steel, Add	22.86	
	For 316 Stainless Steel, Add	25.66	
	For Aluminum, Add	1.44	
	For Galvanized Steel, Add	4.97	
	For High Strength Steel (HSS), Add	3.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0434 LF 3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	19.11	0.78
For >100 To 250, Deduct	-1.00	
For >250 To 500, Deduct	-1.48	
For >500 To 1,000, Deduct	-2.22	
For >1,000, Deduct	-2.96	
For 304 Stainless Steel, Add	24.60	
For 316 Stainless Steel, Add	27.62	
For Aluminum, Add	1.55	
For Galvanized Steel, Add	5.35	
For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0435 LF 4" x 3" x 1/4" Thick, Plain Steel Angle Iron .....	19.11	7.87
For >100 To 250, Deduct	-1.00	
For >250 To 500, Deduct	-1.48	
For >500 To 1,000, Deduct	-2.22	
For >1,000, Deduct	-2.96	
For 304 Stainless Steel, Add	24.60	
For 316 Stainless Steel, Add	27.62	
For Aluminum, Add	1.55	
For Galvanized Steel, Add	5.35	
For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0436 LF 4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	20.14	8.19
For >100 To 250, Deduct	-1.05	
For >250 To 500, Deduct	-1.55	
For >500 To 1,000, Deduct	-2.33	
For >1,000, Deduct	-3.11	
For 304 Stainless Steel, Add	26.25	
For 316 Stainless Steel, Add	29.47	
For Aluminum, Add	1.66	
For Galvanized Steel, Add	5.71	
For High Strength Steel (HSS), Add	4.03	
05 12 23 00-0437 LF 4" x 4" x 1/4" Thick, Plain Steel Angle Iron .....	21.22	8.54
For >100 To 250, Deduct	-1.10	
For >250 To 500, Deduct	-1.63	
For >500 To 1,000, Deduct	-2.45	
For >1,000, Deduct	-3.26	
For 304 Stainless Steel, Add	28.02	
For 316 Stainless Steel, Add	31.46	
For Aluminum, Add	1.77	
For Galvanized Steel, Add	6.09	
For High Strength Steel (HSS), Add	4.24	
05 12 23 00-0438 LF 5" x 3" x 1/4" Thick, Plain Steel Angle Iron .....	21.22	8.54
For >100 To 250, Deduct	-1.10	
For >250 To 500, Deduct	-1.63	
For >500 To 1,000, Deduct	-2.45	
For >1,000, Deduct	-3.26	
For 304 Stainless Steel, Add	28.02	
For 316 Stainless Steel, Add	31.46	
For Aluminum, Add	1.77	
For Galvanized Steel, Add	6.09	
For High Strength Steel (HSS), Add	4.24	
05 12 23 00-0439 LF 5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron .....	22.39	9.00
For >100 To 250, Deduct	-1.16	
For >250 To 500, Deduct	-1.72	
For >500 To 1,000, Deduct	-2.58	
For >1,000, Deduct	-3.44	
For 304 Stainless Steel, Add	29.61	
For 316 Stainless Steel, Add	33.25	
For Aluminum, Add	1.87	
For Galvanized Steel, Add	6.44	
For High Strength Steel (HSS), Add	4.48	
<b>05 12 23 00-0440 5/16" Thick</b> <small>(05 12 23 00-0393)</small>		
05 12 23 00-0441 LF 2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron .....	14.82	6.09
For >100 To 250, Deduct	-0.78	
For >250 To 500, Deduct	-1.15	
For >500 To 1,000, Deduct	-1.72	
For >1,000, Deduct	-2.29	
For 304 Stainless Steel, Add	19.10	
For 316 Stainless Steel, Add	21.44	
For Aluminum, Add	1.21	
For Galvanized Steel, Add	4.15	
For High Strength Steel (HSS), Add	2.96	
05 12 23 00-0442 LF 2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron .....	16.04	6.45
For >100 To 250, Deduct	-0.83	
For >250 To 500, Deduct	-1.23	
For >500 To 1,000, Deduct	-1.85	
For >1,000, Deduct	-2.46	
For 304 Stainless Steel, Add	21.20	
For 316 Stainless Steel, Add	23.81	
For Aluminum, Add	1.34	
For Galvanized Steel, Add	4.61	
For High Strength Steel (HSS), Add	3.21	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0443	LF 3" x 2" x 5/16" Thick, Plain Steel Angle Iron.....	16.04	6.45
	For >100 To 250, Deduct	-0.83	
	For >250 To 500, Deduct	-1.23	
	For >500 To 1,000, Deduct	-1.85	
	For >1,000, Deduct	-2.46	
	For 304 Stainless Steel, Add	21.20	
	For 316 Stainless Steel, Add	23.81	
	For Aluminum, Add	1.34	
	For Galvanized Steel, Add	4.61	
	For High Strength Steel (HSS), Add	3.21	
05 12 23 00-0444	LF 3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	17.78	7.07
	For >100 To 250, Deduct	-0.92	
	For >250 To 500, Deduct	-1.36	
	For >500 To 1,000, Deduct	-2.04	
	For >1,000, Deduct	-2.72	
	For 304 Stainless Steel, Add	23.77	
	For 316 Stainless Steel, Add	26.69	
	For Aluminum, Add	1.50	
	For Galvanized Steel, Add	5.17	
	For High Strength Steel (HSS), Add	3.56	
05 12 23 00-0445	LF 3" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	19.33	7.69
	For >100 To 250, Deduct	-1.00	
	For >250 To 500, Deduct	-1.48	
	For >500 To 1,000, Deduct	-2.22	
	For >1,000, Deduct	-2.96	
	For 304 Stainless Steel, Add	25.88	
	For 316 Stainless Steel, Add	29.06	
	For Aluminum, Add	1.63	
	For Galvanized Steel, Add	5.63	
	For High Strength Steel (HSS), Add	3.87	
05 12 23 00-0446	LF 3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	20.60	8.08
	For >100 To 250, Deduct	-1.05	
	For >250 To 500, Deduct	-1.57	
	For >500 To 1,000, Deduct	-2.35	
	For >1,000, Deduct	-3.14	
	For 304 Stainless Steel, Add	28.02	
	For 316 Stainless Steel, Add	31.46	
	For Aluminum, Add	1.77	
	For Galvanized Steel, Add	6.09	
	For High Strength Steel (HSS), Add	4.12	
05 12 23 00-0447	LF 3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	22.00	8.48
	For >100 To 250, Deduct	-1.12	
	For >250 To 500, Deduct	-1.67	
	For >500 To 1,000, Deduct	-2.50	
	For >1,000, Deduct	-3.33	
	For 304 Stainless Steel, Add	30.47	
	For 316 Stainless Steel, Add	34.21	
	For Aluminum, Add	1.92	
	For Galvanized Steel, Add	6.63	
	For High Strength Steel (HSS), Add	4.40	
05 12 23 00-0448	LF 4" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	22.00	8.48
	For >100 To 250, Deduct	-1.12	
	For >250 To 500, Deduct	-1.67	
	For >500 To 1,000, Deduct	-2.50	
	For >1,000, Deduct	-3.33	
	For 304 Stainless Steel, Add	30.47	
	For 316 Stainless Steel, Add	34.21	
	For Aluminum, Add	1.92	
	For Galvanized Steel, Add	6.63	
	For High Strength Steel (HSS), Add	4.40	
05 12 23 00-0449	LF 4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron.....	23.38	8.96
	For >100 To 250, Deduct	-1.18	
	For >250 To 500, Deduct	-1.77	
	For >500 To 1,000, Deduct	-2.65	
	For >1,000, Deduct	-3.53	
	For 304 Stainless Steel, Add	32.58	
	For 316 Stainless Steel, Add	36.58	
	For Aluminum, Add	2.06	
	For Galvanized Steel, Add	7.09	
	For High Strength Steel (HSS), Add	4.68	
05 12 23 00-0450	LF 4" x 4" x 5/16" Thick, Plain Steel Angle Iron.....	24.70	9.37
	For >100 To 250, Deduct	-1.24	
	For >250 To 500, Deduct	-1.86	
	For >500 To 1,000, Deduct	-2.79	
	For >1,000, Deduct	-3.72	
	For 304 Stainless Steel, Add	34.80	
	For 316 Stainless Steel, Add	39.07	
	For Aluminum, Add	2.20	
	For Galvanized Steel, Add	7.57	
	For High Strength Steel (HSS), Add	4.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0451 LF 5" x 3" x 5/16" Thick, Plain Steel Angle Iron .....	24.70	9.37
For >100 To 250, Deduct	-1.24	
For >250 To 500, Deduct	-1.86	
For >500 To 1,000, Deduct	-2.79	
For >1,000, Deduct	-3.72	
For 304 Stainless Steel, Add	34.80	
For 316 Stainless Steel, Add	39.07	
For Aluminum, Add	2.20	
For Galvanized Steel, Add	7.57	
For High Strength Steel (HSS), Add	4.94	
05 12 23 00-0452 LF 5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron .....	25.93	9.76
For >100 To 250, Deduct	-1.30	
For >250 To 500, Deduct	-1.95	
For >500 To 1,000, Deduct	-2.92	
For >1,000, Deduct	-3.89	
For 304 Stainless Steel, Add	36.82	
For 316 Stainless Steel, Add	41.34	
For Aluminum, Add	2.33	
For Galvanized Steel, Add	8.01	
For High Strength Steel (HSS), Add	5.19	
05 12 23 00-0453 LF 5" x 5" x 5/16" Thick, Plain Steel Angle Iron .....	28.89	10.17
For >100 To 250, Deduct	-1.40	
For >250 To 500, Deduct	-2.12	
For >500 To 1,000, Deduct	-3.18	
For >1,000, Deduct	-4.25	
For 304 Stainless Steel, Add	43.69	
For 316 Stainless Steel, Add	49.06	
For Aluminum, Add	2.76	
For Galvanized Steel, Add	9.50	
For High Strength Steel (HSS), Add	5.78	
05 12 23 00-0454 LF 6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron .....	28.68	10.59
For >100 To 250, Deduct	-1.42	
For >250 To 500, Deduct	-2.14	
For >500 To 1,000, Deduct	-3.21	
For >1,000, Deduct	-4.28	
For 304 Stainless Steel, Add	41.47	
For 316 Stainless Steel, Add	46.56	
For Aluminum, Add	2.62	
For Galvanized Steel, Add	9.02	
For High Strength Steel (HSS), Add	5.74	
<b>05 12 23 00-0455 3/8" Thick</b> <small>(05 12 23 00-0393)</small>		
05 12 23 00-0456 LF 3" x 2" x 3/8" Thick, Plain Steel Angle Iron .....	17.76	6.75
For >100 To 250, Deduct	-0.89	
For >250 To 500, Deduct	-1.34	
For >500 To 1,000, Deduct	-2.01	
For >1,000, Deduct	-2.68	
For 304 Stainless Steel, Add	24.97	
For 316 Stainless Steel, Add	28.03	
For Aluminum, Add	1.58	
For Galvanized Steel, Add	5.43	
For High Strength Steel (HSS), Add	3.55	
05 12 23 00-0457 LF 3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron .....	19.59	7.31
For >100 To 250, Deduct	-0.98	
For >250 To 500, Deduct	-1.47	
For >500 To 1,000, Deduct	-2.20	
For >1,000, Deduct	-2.94	
For 304 Stainless Steel, Add	28.02	
For 316 Stainless Steel, Add	31.46	
For Aluminum, Add	1.77	
For Galvanized Steel, Add	6.09	
For High Strength Steel (HSS), Add	3.92	
05 12 23 00-0458 LF 3" x 3" x 3/8" Thick, Plain Steel Angle Iron .....	21.19	7.88
For >100 To 250, Deduct	-1.05	
For >250 To 500, Deduct	-1.58	
For >500 To 1,000, Deduct	-2.38	
For >1,000, Deduct	-3.17	
For 304 Stainless Steel, Add	30.47	
For 316 Stainless Steel, Add	34.21	
For Aluminum, Add	1.92	
For Galvanized Steel, Add	6.63	
For High Strength Steel (HSS), Add	4.24	
05 12 23 00-0459 LF 3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron .....	22.55	8.10
For >100 To 250, Deduct	-1.10	
For >250 To 500, Deduct	-1.67	
For >500 To 1,000, Deduct	-2.50	
For >1,000, Deduct	-3.33	
For 304 Stainless Steel, Add	33.52	
For 316 Stainless Steel, Add	37.63	
For Aluminum, Add	2.12	
For Galvanized Steel, Add	7.29	
For High Strength Steel (HSS), Add	4.51	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0460	LF		3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron .....	24.01	8.54
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.54	
			For 304 Stainless Steel, Add	35.97	
			For 316 Stainless Steel, Add	40.38	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For High Strength Steel (HSS), Add	4.80	
05 12 23 00-0461	LF		4" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	24.01	8.54
			For >100 To 250, Deduct	-1.17	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.54	
			For 304 Stainless Steel, Add	35.97	
			For 316 Stainless Steel, Add	40.38	
			For Aluminum, Add	2.27	
			For Galvanized Steel, Add	7.82	
			For High Strength Steel (HSS), Add	4.80	
05 12 23 00-0462	LF		4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron .....	25.91	9.31
			For >100 To 250, Deduct	-1.27	
			For >250 To 500, Deduct	-1.92	
			For >500 To 1,000, Deduct	-2.87	
			For >1,000, Deduct	-3.83	
			For 304 Stainless Steel, Add	38.50	
			For 316 Stainless Steel, Add	43.23	
			For Aluminum, Add	2.43	
			For Galvanized Steel, Add	8.38	
			For High Strength Steel (HSS), Add	5.18	
05 12 23 00-0463	LF		4" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	27.32	9.58
			For >100 To 250, Deduct	-1.32	
			For >250 To 500, Deduct	-2.00	
			For >500 To 1,000, Deduct	-3.01	
			For >1,000, Deduct	-4.01	
			For 304 Stainless Steel, Add	41.47	
			For 316 Stainless Steel, Add	46.56	
			For Aluminum, Add	2.62	
			For Galvanized Steel, Add	9.02	
			For High Strength Steel (HSS), Add	5.46	
05 12 23 00-0464	LF		5" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	27.82	9.96
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.05	
			For >500 To 1,000, Deduct	-3.08	
			For >1,000, Deduct	-4.11	
			For 304 Stainless Steel, Add	41.47	
			For 316 Stainless Steel, Add	46.56	
			For Aluminum, Add	2.62	
			For Galvanized Steel, Add	9.02	
			For High Strength Steel (HSS), Add	5.56	
05 12 23 00-0465	LF		5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron .....	29.75	10.73
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-2.20	
			For >500 To 1,000, Deduct	-3.30	
			For >1,000, Deduct	-4.41	
			For 304 Stainless Steel, Add	44.00	
			For 316 Stainless Steel, Add	49.41	
			For Aluminum, Add	2.78	
			For Galvanized Steel, Add	9.57	
			For High Strength Steel (HSS), Add	5.95	
05 12 23 00-0466	LF		5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....	34.98	12.51
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.58	
			For >500 To 1,000, Deduct	-3.87	
			For >1,000, Deduct	-5.17	
			For 304 Stainless Steel, Add	52.18	
			For 316 Stainless Steel, Add	58.59	
			For Aluminum, Add	3.30	
			For Galvanized Steel, Add	11.35	
			For High Strength Steel (HSS), Add	7.00	
05 12 23 00-0467	LF		6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron .....	32.86	11.62
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.42	
			For >500 To 1,000, Deduct	-3.63	
			For >1,000, Deduct	-4.84	
			For 304 Stainless Steel, Add	49.50	
			For 316 Stainless Steel, Add	55.58	
			For Aluminum, Add	3.13	
			For Galvanized Steel, Add	10.77	
			For High Strength Steel (HSS), Add	6.57	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0468	LF		6" x 4" x 3/8" Thick, Plain Steel Angle Iron .....	34.98	12.51
				<i>For &gt;100 To 250, Deduct</i>	-1.71	
				<i>For &gt;250 To 500, Deduct</i>	-2.58	
				<i>For &gt;500 To 1,000, Deduct</i>	-3.87	
				<i>For &gt;1,000, Deduct</i>	-5.17	
				<i>For 304 Stainless Steel, Add</i>	52.18	
				<i>For 316 Stainless Steel, Add</i>	58.59	
				<i>For Aluminum, Add</i>	3.30	
				<i>For Galvanized Steel, Add</i>	11.35	
				<i>For High Strength Steel (HSS), Add</i>	7.00	
	05 12 23 00-0469	LF		6" x 6" x 3/8" Thick, Plain Steel Angle Iron .....	42.18	15.01
				<i>For &gt;100 To 250, Deduct</i>	-2.05	
				<i>For &gt;250 To 500, Deduct</i>	-3.11	
				<i>For &gt;500 To 1,000, Deduct</i>	-4.66	
				<i>For &gt;1,000, Deduct</i>	-6.22	
				<i>For 304 Stainless Steel, Add</i>	63.21	
				<i>For 316 Stainless Steel, Add</i>	70.98	
				<i>For Aluminum, Add</i>	3.99	
				<i>For Galvanized Steel, Add</i>	13.75	
				<i>For High Strength Steel (HSS), Add</i>	8.44	
	05 12 23 00-0470	LF		7" x 4" x 3/8" Thick, Plain Steel Angle Iron .....	38.58	13.75
				<i>For &gt;100 To 250, Deduct</i>	-1.88	
				<i>For &gt;250 To 500, Deduct</i>	-2.85	
				<i>For &gt;500 To 1,000, Deduct</i>	-4.27	
				<i>For &gt;1,000, Deduct</i>	-5.69	
				<i>For 304 Stainless Steel, Add</i>	57.68	
				<i>For 316 Stainless Steel, Add</i>	64.77	
				<i>For Aluminum, Add</i>	3.64	
				<i>For Galvanized Steel, Add</i>	12.55	
				<i>For High Strength Steel (HSS), Add</i>	7.72	
	<b>05 12 23 00-0471</b>			<b>1/2" Thick</b> <small>(05 12 23 00-0393)</small>		
	05 12 23 00-0472	LF		3" x 3" x 1/2" Thick, Plain Steel Angle Iron .....	24.72	8.05
				<i>For &gt;100 To 250, Deduct</i>	-1.15	
				<i>For &gt;250 To 500, Deduct</i>	-1.77	
				<i>For &gt;500 To 1,000, Deduct</i>	-2.66	
				<i>For &gt;1,000, Deduct</i>	-3.55	
				<i>For 304 Stainless Steel, Add</i>	39.87	
				<i>For 316 Stainless Steel, Add</i>	44.77	
				<i>For Aluminum, Add</i>	2.52	
				<i>For Galvanized Steel, Add</i>	8.67	
				<i>For High Strength Steel (HSS), Add</i>	4.94	
	05 12 23 00-0473	LF		4" x 3" x 1/2" Thick, Plain Steel Angle Iron .....	29.21	9.51
				<i>For &gt;100 To 250, Deduct</i>	-1.36	
				<i>For &gt;250 To 500, Deduct</i>	-2.09	
				<i>For &gt;500 To 1,000, Deduct</i>	-3.14	
				<i>For &gt;1,000, Deduct</i>	-4.19	
				<i>For 304 Stainless Steel, Add</i>	47.11	
				<i>For 316 Stainless Steel, Add</i>	52.90	
				<i>For Aluminum, Add</i>	2.98	
				<i>For Galvanized Steel, Add</i>	10.25	
				<i>For High Strength Steel (HSS), Add</i>	5.84	
	05 12 23 00-0474	LF		4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron .....	31.30	10.19
				<i>For &gt;100 To 250, Deduct</i>	-1.46	
				<i>For &gt;250 To 500, Deduct</i>	-2.24	
				<i>For &gt;500 To 1,000, Deduct</i>	-3.37	
				<i>For &gt;1,000, Deduct</i>	-4.49	
				<i>For 304 Stainless Steel, Add</i>	50.50	
				<i>For 316 Stainless Steel, Add</i>	56.70	
				<i>For Aluminum, Add</i>	3.19	
				<i>For Galvanized Steel, Add</i>	10.99	
				<i>For High Strength Steel (HSS), Add</i>	6.26	
	05 12 23 00-0475	LF		4" x 4" x 1/2" Thick, Plain Steel Angle Iron .....	33.68	10.97
				<i>For &gt;100 To 250, Deduct</i>	-1.57	
				<i>For &gt;250 To 500, Deduct</i>	-2.42	
				<i>For &gt;500 To 1,000, Deduct</i>	-3.62	
				<i>For &gt;1,000, Deduct</i>	-4.83	
				<i>For 304 Stainless Steel, Add</i>	54.32	
				<i>For 316 Stainless Steel, Add</i>	60.99	
				<i>For Aluminum, Add</i>	3.43	
				<i>For Galvanized Steel, Add</i>	11.82	
				<i>For High Strength Steel (HSS), Add</i>	6.74	
	05 12 23 00-0476	LF		5" x 3" x 1/2" Thick, Plain Steel Angle Iron .....	33.68	10.97
				<i>For &gt;100 To 250, Deduct</i>	-1.57	
				<i>For &gt;250 To 500, Deduct</i>	-2.42	
				<i>For &gt;500 To 1,000, Deduct</i>	-3.62	
				<i>For &gt;1,000, Deduct</i>	-4.83	
				<i>For 304 Stainless Steel, Add</i>	54.32	
				<i>For 316 Stainless Steel, Add</i>	60.99	
				<i>For Aluminum, Add</i>	3.43	
				<i>For Galvanized Steel, Add</i>	11.82	
				<i>For High Strength Steel (HSS), Add</i>	6.74	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0477	LF 5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron .....	35.77	11.65
	For >100 To 250, Deduct	-1.67	
	For >250 To 500, Deduct	-2.56	
	For >500 To 1,000, Deduct	-3.85	
	For >1,000, Deduct	-5.13	
	For 304 Stainless Steel, Add	57.71	
	For 316 Stainless Steel, Add	64.80	
	For Aluminum, Add	3.65	
	For Galvanized Steel, Add	12.56	
	For High Strength Steel (HSS), Add	7.15	
05 12 23 00-0478	LF 5" x 5" x 1/2" Thick, Plain Steel Angle Iron.....	42.62	13.87
	For >100 To 250, Deduct	-1.99	
	For >250 To 500, Deduct	-3.06	
	For >500 To 1,000, Deduct	-4.58	
	For >1,000, Deduct	-6.11	
	For 304 Stainless Steel, Add	68.74	
	For 316 Stainless Steel, Add	77.18	
	For Aluminum, Add	4.34	
	For Galvanized Steel, Add	14.95	
	For High Strength Steel (HSS), Add	8.52	
05 12 23 00-0479	LF 6" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	42.62	13.87
	For >100 To 250, Deduct	-1.99	
	For >250 To 500, Deduct	-3.06	
	For >500 To 1,000, Deduct	-4.58	
	For >1,000, Deduct	-6.11	
	For 304 Stainless Steel, Add	68.74	
	For 316 Stainless Steel, Add	77.18	
	For Aluminum, Add	4.34	
	For Galvanized Steel, Add	14.95	
	For High Strength Steel (HSS), Add	8.52	
05 12 23 00-0480	LF 6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	51.55	16.78
	For >100 To 250, Deduct	-2.41	
	For >250 To 500, Deduct	-3.70	
	For >500 To 1,000, Deduct	-5.54	
	For >1,000, Deduct	-7.39	
	For 304 Stainless Steel, Add	83.13	
	For 316 Stainless Steel, Add	93.34	
	For Aluminum, Add	5.25	
	For Galvanized Steel, Add	18.09	
	For High Strength Steel (HSS), Add	10.31	
05 12 23 00-0481	LF 7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	47.07	15.33
	For >100 To 250, Deduct	-2.20	
	For >250 To 500, Deduct	-3.38	
	For >500 To 1,000, Deduct	-5.06	
	For >1,000, Deduct	-6.75	
	For 304 Stainless Steel, Add	75.92	
	For 316 Stainless Steel, Add	85.25	
	For Aluminum, Add	4.80	
	For Galvanized Steel, Add	16.52	
	For High Strength Steel (HSS), Add	9.41	
05 12 23 00-0482	LF 8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	51.55	16.78
	For >100 To 250, Deduct	-2.41	
	For >250 To 500, Deduct	-3.70	
	For >500 To 1,000, Deduct	-5.54	
	For >1,000, Deduct	-7.39	
	For 304 Stainless Steel, Add	83.13	
	For 316 Stainless Steel, Add	93.34	
	For Aluminum, Add	5.25	
	For Galvanized Steel, Add	18.09	
	For High Strength Steel (HSS), Add	10.31	
05 12 23 00-0483	LF 8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	60.52	19.70
	For >100 To 250, Deduct	-2.83	
	For >250 To 500, Deduct	-4.34	
	For >500 To 1,000, Deduct	-6.51	
	For >1,000, Deduct	-8.68	
	For 304 Stainless Steel, Add	97.61	
	For 316 Stainless Steel, Add	109.60	
	For Aluminum, Add	6.17	
	For Galvanized Steel, Add	21.24	
	For High Strength Steel (HSS), Add	12.10	
05 12 23 00-0484	LF 8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	69.45	22.62
	For >100 To 250, Deduct	-3.24	
	For >250 To 500, Deduct	-4.98	
	For >500 To 1,000, Deduct	-7.47	
	For >1,000, Deduct	-9.96	
	For 304 Stainless Steel, Add	112.01	
	For 316 Stainless Steel, Add	125.76	
	For Aluminum, Add	7.07	
	For Galvanized Steel, Add	24.37	
	For High Strength Steel (HSS), Add	13.89	

05 12 23 00-0485 5/8" Thick (05 12 23 00-0393)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0486 LF 4" x 4" x 5/8" Thick, Plain Steel Angle Iron .....	40.12	12.57
For >100 To 250, Deduct	-1.84	
For >250 To 500, Deduct	-2.84	
For >500 To 1,000, Deduct	-4.27	
For >1,000, Deduct	-5.69	
For 316 Stainless Steel, Add	74.78	
For Aluminum, Add	4.21	
For Galvanized Steel, Add	14.49	
For High Strength Steel (HSS), Add	8.02	
05 12 23 00-0487 LF 5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron .....	42.95	13.45
For >100 To 250, Deduct	-1.97	
For >250 To 500, Deduct	-3.04	
For >500 To 1,000, Deduct	-4.57	
For >1,000, Deduct	-6.09	
For 316 Stainless Steel, Add	80.06	
For Aluminum, Add	4.50	
For Galvanized Steel, Add	15.51	
For High Strength Steel (HSS), Add	8.59	
05 12 23 00-0488 LF 5" x 5" x 5/8" Thick, Plain Steel Angle Iron .....	51.12	16.01
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-3.62	
For >500 To 1,000, Deduct	-5.44	
For >1,000, Deduct	-7.25	
For 316 Stainless Steel, Add	95.26	
For Aluminum, Add	5.36	
For Galvanized Steel, Add	18.46	
For High Strength Steel (HSS), Add	10.22	
05 12 23 00-0489 LF 6" x 4" x 5/8" Thick, Plain Steel Angle Iron .....	51.12	16.01
For >100 To 250, Deduct	-2.35	
For >250 To 500, Deduct	-3.62	
For >500 To 1,000, Deduct	-5.44	
For >1,000, Deduct	-7.25	
For 316 Stainless Steel, Add	95.26	
For Aluminum, Add	5.36	
For Galvanized Steel, Add	18.46	
For High Strength Steel (HSS), Add	10.22	
05 12 23 00-0490 LF 6" x 6" x 5/8" Thick, Plain Steel Angle Iron .....	61.86	19.37
For >100 To 250, Deduct	-2.84	
For >250 To 500, Deduct	-4.38	
For >500 To 1,000, Deduct	-6.58	
For >1,000, Deduct	-8.77	
For 316 Stainless Steel, Add	115.30	
For Aluminum, Add	6.49	
For Galvanized Steel, Add	22.34	
For High Strength Steel (HSS), Add	12.37	
05 12 23 00-0491 LF 7" x 4" x 5/8" Thick, Plain Steel Angle Iron .....	56.48	17.69
For >100 To 250, Deduct	-2.59	
For >250 To 500, Deduct	-4.00	
For >500 To 1,000, Deduct	-6.00	
For >1,000, Deduct	-8.01	
For 316 Stainless Steel, Add	105.28	
For Aluminum, Add	5.92	
For Galvanized Steel, Add	20.40	
For High Strength Steel (HSS), Add	11.30	
05 12 23 00-0492 LF 8" x 6" x 5/8" Thick, Plain Steel Angle Iron .....	72.83	22.81
For >100 To 250, Deduct	-3.34	
For >250 To 500, Deduct	-5.16	
For >500 To 1,000, Deduct	-7.74	
For >1,000, Deduct	-10.32	
For 316 Stainless Steel, Add	135.74	
For Aluminum, Add	7.64	
For Galvanized Steel, Add	26.30	
For High Strength Steel (HSS), Add	14.57	
05 12 23 00-0493 LF 8" x 8" x 5/8" Thick, Plain Steel Angle Iron .....	83.58	26.18
For >100 To 250, Deduct	-3.83	
For >250 To 500, Deduct	-5.92	
For >500 To 1,000, Deduct	-8.89	
For >1,000, Deduct	-11.85	
For 316 Stainless Steel, Add	155.78	
For Aluminum, Add	8.76	
For Galvanized Steel, Add	30.18	
For High Strength Steel (HSS), Add	16.72	
<b>05 12 23 00-0494 3/4" Thick</b> <small>(05 12 23 00-0393)</small>		
05 12 23 00-0495 LF 4" x 4" x 3/4" Thick, Plain Steel Angle Iron .....	46.06	13.88
For >100 To 250, Deduct	-2.08	
For >250 To 500, Deduct	-3.23	
For >500 To 1,000, Deduct	-4.84	
For >1,000, Deduct	-6.46	
For 316 Stainless Steel, Add	88.16	
For Aluminum, Add	4.96	
For Galvanized Steel, Add	17.08	
For High Strength Steel (HSS), Add	9.21	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0496	LF 5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron .....	49.28	14.86
	<i>For &gt;100 To 250, Deduct</i>	-2.22	
	<i>For &gt;250 To 500, Deduct</i>	-3.45	
	<i>For &gt;500 To 1,000, Deduct</i>	-5.18	
	<i>For &gt;1,000, Deduct</i>	-6.91	
	<i>For 316 Stainless Steel, Add</i>	94.30	
	<i>For Aluminum, Add</i>	5.30	
	<i>For Galvanized Steel, Add</i>	18.27	
	<i>For High Strength Steel (HSS), Add</i>	9.86	
05 12 23 00-0497	LF 5" x 5" x 3/4" Thick, Plain Steel Angle Iron.....	58.75	17.72
	<i>For &gt;100 To 250, Deduct</i>	-2.65	
	<i>For &gt;250 To 500, Deduct</i>	-4.12	
	<i>For &gt;500 To 1,000, Deduct</i>	-6.18	
	<i>For &gt;1,000, Deduct</i>	-8.24	
	<i>For 316 Stainless Steel, Add</i>	112.45	
	<i>For Aluminum, Add</i>	6.33	
	<i>For Galvanized Steel, Add</i>	21.79	
	<i>For High Strength Steel (HSS), Add</i>	11.75	
05 12 23 00-0498	LF 6" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	58.75	17.72
	<i>For &gt;100 To 250, Deduct</i>	-2.65	
	<i>For &gt;250 To 500, Deduct</i>	-4.12	
	<i>For &gt;500 To 1,000, Deduct</i>	-6.18	
	<i>For &gt;1,000, Deduct</i>	-8.24	
	<i>For 316 Stainless Steel, Add</i>	112.45	
	<i>For Aluminum, Add</i>	6.33	
	<i>For Galvanized Steel, Add</i>	21.79	
	<i>For High Strength Steel (HSS), Add</i>	11.75	
05 12 23 00-0499	LF 6" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	71.44	21.53
	<i>For &gt;100 To 250, Deduct</i>	-3.22	
	<i>For &gt;250 To 500, Deduct</i>	-5.01	
	<i>For &gt;500 To 1,000, Deduct</i>	-7.51	
	<i>For &gt;1,000, Deduct</i>	-10.02	
	<i>For 316 Stainless Steel, Add</i>	136.70	
	<i>For Aluminum, Add</i>	7.69	
	<i>For Galvanized Steel, Add</i>	26.49	
	<i>For High Strength Steel (HSS), Add</i>	14.29	
05 12 23 00-0500	LF 7" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	65.22	19.66
	<i>For &gt;100 To 250, Deduct</i>	-2.94	
	<i>For &gt;250 To 500, Deduct</i>	-4.57	
	<i>For &gt;500 To 1,000, Deduct</i>	-6.86	
	<i>For &gt;1,000, Deduct</i>	-9.14	
	<i>For 316 Stainless Steel, Add</i>	124.80	
	<i>For Aluminum, Add</i>	7.02	
	<i>For Galvanized Steel, Add</i>	24.18	
	<i>For High Strength Steel (HSS), Add</i>	13.04	
05 12 23 00-0501	LF 8" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	71.44	21.53
	<i>For &gt;100 To 250, Deduct</i>	-3.22	
	<i>For &gt;250 To 500, Deduct</i>	-5.01	
	<i>For &gt;500 To 1,000, Deduct</i>	-7.51	
	<i>For &gt;1,000, Deduct</i>	-10.02	
	<i>For 316 Stainless Steel, Add</i>	136.70	
	<i>For Aluminum, Add</i>	7.69	
	<i>For Galvanized Steel, Add</i>	26.49	
	<i>For High Strength Steel (HSS), Add</i>	14.29	
05 12 23 00-0502	LF 8" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	84.14	25.36
	<i>For &gt;100 To 250, Deduct</i>	-3.79	
	<i>For &gt;250 To 500, Deduct</i>	-5.90	
	<i>For &gt;500 To 1,000, Deduct</i>	-8.85	
	<i>For &gt;1,000, Deduct</i>	-11.80	
	<i>For 316 Stainless Steel, Add</i>	161.06	
	<i>For Aluminum, Add</i>	9.06	
	<i>For Galvanized Steel, Add</i>	31.20	
	<i>For High Strength Steel (HSS), Add</i>	16.83	
05 12 23 00-0503	LF 8" x 8" x 3/4" Thick, Plain Steel Angle Iron.....	96.83	29.19
	<i>For &gt;100 To 250, Deduct</i>	-4.37	
	<i>For &gt;250 To 500, Deduct</i>	-6.79	
	<i>For &gt;500 To 1,000, Deduct</i>	-10.18	
	<i>For &gt;1,000, Deduct</i>	-13.58	
	<i>For 316 Stainless Steel, Add</i>	185.31	
	<i>For Aluminum, Add</i>	10.42	
	<i>For Galvanized Steel, Add</i>	35.90	
	<i>For High Strength Steel (HSS), Add</i>	19.37	
05 12 23 00-0504	<b>7/8" Thick</b> (05 12 23 00-0393)		
05 12 23 00-0505	LF 5" x 5" x 7/8" Thick, Plain Steel Angle Iron.....	65.88	19.04
	<i>For &gt;100 To 250, Deduct</i>	-2.92	
	<i>For &gt;250 To 500, Deduct</i>	-4.56	
	<i>For &gt;500 To 1,000, Deduct</i>	-6.85	
	<i>For &gt;1,000, Deduct</i>	-9.13	
	<i>For 316 Stainless Steel, Add</i>	129.54	
	<i>For Aluminum, Add</i>	7.29	
	<i>For Galvanized Steel, Add</i>	25.10	
	<i>For High Strength Steel (HSS), Add</i>	13.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0506 LF 6" x 4" x 7/8" Thick, Plain Steel Angle Iron .....	65.88	19.04
For >100 To 250, Deduct	-2.92	
For >250 To 500, Deduct	-4.56	
For >500 To 1,000, Deduct	-6.85	
For >1,000, Deduct	-9.13	
For 316 Stainless Steel, Add	129.54	
For Aluminum, Add	7.29	
For Galvanized Steel, Add	25.10	
For High Strength Steel (HSS), Add	13.18	
05 12 23 00-0507 LF 6" x 6" x 7/8" Thick, Plain Steel Angle Iron .....	80.19	23.19
For >100 To 250, Deduct	-3.55	
For >250 To 500, Deduct	-5.56	
For >500 To 1,000, Deduct	-8.33	
For >1,000, Deduct	-11.11	
For 316 Stainless Steel, Add	157.70	
For Aluminum, Add	8.87	
For Galvanized Steel, Add	30.55	
For High Strength Steel (HSS), Add	16.04	
05 12 23 00-0508 LF 8" x 6" x 7/8" Thick, Plain Steel Angle Iron .....	94.72	27.38
For >100 To 250, Deduct	-4.19	
For >250 To 500, Deduct	-6.56	
For >500 To 1,000, Deduct	-9.84	
For >1,000, Deduct	-13.12	
For 316 Stainless Steel, Add	186.27	
For Aluminum, Add	10.48	
For Galvanized Steel, Add	36.09	
For High Strength Steel (HSS), Add	18.94	
05 12 23 00-0509 LF 8" x 8" x 7/8" Thick, Plain Steel Angle Iron .....	109.00	31.52
For >100 To 250, Deduct	-4.83	
For >250 To 500, Deduct	-7.55	
For >500 To 1,000, Deduct	-11.33	
For >1,000, Deduct	-15.10	
For 316 Stainless Steel, Add	214.34	
For Aluminum, Add	12.06	
For Galvanized Steel, Add	41.53	
For High Strength Steel (HSS), Add	21.80	
<b>05 12 23 00-0510 Bar Channel</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0511 LF 1" x 1/2" x 1/8" Thick Bar Channel.....	5.83	
For 304 Stainless Steel, Add	4.62	
For 316 Stainless Steel, Add	5.18	
For Aluminum, Add	0.29	
For Galvanized Steel, Add	1.00	
For High Strength Steel (HSS), Add	1.17	
05 12 23 00-0512 LF 1-1/4" x 1/2" x 1/8" Thick Bar Channel.....	6.52	
For 304 Stainless Steel, Add	5.53	
For 316 Stainless Steel, Add	6.21	
For Aluminum, Add	0.35	
For Galvanized Steel, Add	1.20	
For High Strength Steel (HSS), Add	1.30	
05 12 23 00-0513 LF 1-1/2" x 1/2" x 1/8" Thick Bar Channel.....	7.10	
For 304 Stainless Steel, Add	6.13	
For 316 Stainless Steel, Add	6.88	
For Aluminum, Add	0.39	
For Galvanized Steel, Add	1.33	
For High Strength Steel (HSS), Add	1.42	
05 12 23 00-0514 LF 1-1/2" x 3/4" x 1/8" Thick Bar Channel.....	8.16	
For 304 Stainless Steel, Add	6.38	
For 316 Stainless Steel, Add	7.17	
For Aluminum, Add	0.40	
For Galvanized Steel, Add	1.39	
For High Strength Steel (HSS), Add	1.63	
05 12 23 00-0515 LF 2" x 1/2" x 1/8" Thick Bar Channel.....	8.66	
For 304 Stainless Steel, Add	7.81	
For 316 Stainless Steel, Add	8.77	
For Aluminum, Add	0.49	
For Galvanized Steel, Add	1.70	
05 12 23 00-0516 LF 2" x 1" x 1/8" Thick Bar Channel.....	11.52	
For 304 Stainless Steel, Add	8.72	
For 316 Stainless Steel, Add	9.79	
For Aluminum, Add	0.55	
For Galvanized Steel, Add	1.90	
<b>05 12 23 00-0517 Channels - C</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0518 LF C2 x 1.78 - 2" Wide Channel .....	9.56	5.22
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-0.83	
For >500 To 1,000, Deduct	-1.24	
For >1,000, Deduct	-1.65	
For 304 Stainless Steel, Add	7.41	
For 316 Stainless Steel, Add	8.32	
For Aluminum, Add	0.47	
For Galvanized Steel, Add	1.61	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0519	LF		C3 x 4.1 - 3" Wide Channel.....	16.10	7.50
			For >100 To 250, Deduct	-0.90	
			For >250 To 500, Deduct	-1.31	
			For >500 To 1,000, Deduct	-1.96	
			For >1,000, Deduct	-2.61	
			For 304 Stainless Steel, Add	17.39	
			For 316 Stainless Steel, Add	19.52	
			For Aluminum, Add	1.10	
			For Galvanized Steel, Add	3.78	
05 12 23 00-0520	LF		C3 x 5 - 3" Wide Channel.....	19.64	9.16
			For >100 To 250, Deduct	-1.10	
			For >250 To 500, Deduct	-1.59	
			For >500 To 1,000, Deduct	-2.39	
			For >1,000, Deduct	-3.18	
			For 304 Stainless Steel, Add	21.20	
			For 316 Stainless Steel, Add	23.81	
			For Aluminum, Add	1.34	
			For Galvanized Steel, Add	4.61	
05 12 23 00-0521	LF		C3 x 6 - 3" Wide Channel.....	23.58	10.98
			For >100 To 250, Deduct	-1.32	
			For >250 To 500, Deduct	-1.91	
			For >500 To 1,000, Deduct	-2.87	
			For >1,000, Deduct	-3.82	
			For 304 Stainless Steel, Add	25.45	
			For 316 Stainless Steel, Add	28.58	
			For Aluminum, Add	1.61	
			For Galvanized Steel, Add	5.54	
05 12 23 00-0522	LF		C4 x 5.4 - 4" Wide Channel.....	20.04	9.00
			For >100 To 250, Deduct	-1.10	
			For >250 To 500, Deduct	-1.60	
			For >500 To 1,000, Deduct	-2.40	
			For >1,000, Deduct	-3.20	
			For 304 Stainless Steel, Add	22.91	
			For 316 Stainless Steel, Add	25.73	
			For Aluminum, Add	1.45	
			For Galvanized Steel, Add	4.98	
05 12 23 00-0523	LF		C4 x 7.25 - 4" Wide Channel.....	26.91	12.08
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-2.15	
			For >500 To 1,000, Deduct	-3.23	
			For >1,000, Deduct	-4.30	
			For 304 Stainless Steel, Add	30.75	
			For 316 Stainless Steel, Add	34.53	
			For Aluminum, Add	1.94	
			For Galvanized Steel, Add	6.69	
05 12 23 00-0524	LF		C5 x 6.7 - 5" Wide Channel.....	23.97	10.50
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-1.90	
			For >500 To 1,000, Deduct	-2.85	
			For >1,000, Deduct	-3.80	
			For 304 Stainless Steel, Add	28.41	
			For 316 Stainless Steel, Add	31.90	
			For Aluminum, Add	1.79	
			For Galvanized Steel, Add	6.18	
05 12 23 00-0525	LF		C5 x 9 - 5" Wide Channel.....	32.21	14.11
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.55	
			For >500 To 1,000, Deduct	-3.83	
			For >1,000, Deduct	-5.10	
			For 304 Stainless Steel, Add	38.19	
			For 316 Stainless Steel, Add	42.88	
			For Aluminum, Add	2.41	
			For Galvanized Steel, Add	8.31	
05 12 23 00-0526	LF		C6 x 8.2 - 6" Wide Channel.....	29.02	12.61
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-2.29	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.58	
			For 304 Stainless Steel, Add	34.80	
			For 316 Stainless Steel, Add	39.07	
			For Aluminum, Add	2.20	
			For Galvanized Steel, Add	7.57	
05 12 23 00-0527	LF		C6 x 10.5 - 6" Wide Channel.....	37.15	16.14
			For >100 To 250, Deduct	-2.00	
			For >250 To 500, Deduct	-2.93	
			For >500 To 1,000, Deduct	-4.40	
			For >1,000, Deduct	-5.87	
			For 304 Stainless Steel, Add	44.55	
			For 316 Stainless Steel, Add	50.02	
			For Aluminum, Add	2.81	
			For Galvanized Steel, Add	9.69	



<b>Metals</b>	<b>05</b>	<b>05</b>
Structural Metal Framing	05 10	
Structural Steel Framing	05 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0528 LF C6 x 13 - 6" Wide Channel .....	46.00	19.98
For >100 To 250, Deduct	-2.48	
For >250 To 500, Deduct	-3.63	
For >500 To 1,000, Deduct	-5.45	
For >1,000, Deduct	-7.27	
For 304 Stainless Steel, Add	55.15	
For 316 Stainless Steel, Add	61.92	
For Aluminum, Add	3.48	
For Galvanized Steel, Add	12.00	
05 12 23 00-0529 LF C7 x 9.8 - 7" Wide Channel .....	34.60	15.01
For >100 To 250, Deduct	-1.87	
For >250 To 500, Deduct	-2.73	
For >500 To 1,000, Deduct	-4.10	
For >1,000, Deduct	-5.46	
For 304 Stainless Steel, Add	41.58	
For 316 Stainless Steel, Add	46.69	
For Aluminum, Add	2.63	
For Galvanized Steel, Add	9.05	
05 12 23 00-0530 LF C7 x 12.25 - 7" Wide Channel .....	43.24	18.75
For >100 To 250, Deduct	-2.33	
For >250 To 500, Deduct	-3.41	
For >500 To 1,000, Deduct	-5.12	
For >1,000, Deduct	-6.83	
For 304 Stainless Steel, Add	51.96	
For 316 Stainless Steel, Add	58.34	
For Aluminum, Add	3.28	
For Galvanized Steel, Add	11.30	
05 12 23 00-0531 LF C7 x 14.75 - 7" Wide Channel .....	52.07	22.59
For >100 To 250, Deduct	-2.81	
For >250 To 500, Deduct	-4.11	
For >500 To 1,000, Deduct	-6.16	
For >1,000, Deduct	-8.22	
For 304 Stainless Steel, Add	62.56	
For 316 Stainless Steel, Add	70.24	
For Aluminum, Add	3.95	
For Galvanized Steel, Add	13.61	
05 12 23 00-0532 LF C8 x 11.5 - 8" Wide Channel .....	39.13	16.51
For >100 To 250, Deduct	-2.08	
For >250 To 500, Deduct	-3.06	
For >500 To 1,000, Deduct	-4.59	
For >1,000, Deduct	-6.11	
For 304 Stainless Steel, Add	48.79	
For 316 Stainless Steel, Add	54.78	
For Aluminum, Add	3.08	
For Galvanized Steel, Add	10.61	
05 12 23 00-0533 LF C8 x 13.75 - 8" Wide Channel .....	46.79	19.74
For >100 To 250, Deduct	-2.49	
For >250 To 500, Deduct	-3.66	
For >500 To 1,000, Deduct	-5.48	
For >1,000, Deduct	-7.31	
For 304 Stainless Steel, Add	58.34	
For 316 Stainless Steel, Add	65.50	
For Aluminum, Add	3.68	
For Galvanized Steel, Add	12.69	
05 12 23 00-0534 LF C8 x 18.75 - 8" Wide Channel .....	63.80	26.92
For >100 To 250, Deduct	-3.39	
For >250 To 500, Deduct	-4.98	
For >500 To 1,000, Deduct	-7.48	
For >1,000, Deduct	-9.97	
For 304 Stainless Steel, Add	79.54	
For 316 Stainless Steel, Add	89.31	
For Aluminum, Add	5.02	
For Galvanized Steel, Add	17.30	
05 12 23 00-0535 LF C9 x 13.4 - 9" Wide Channel .....	45.60	19.24
For >100 To 250, Deduct	-2.42	
For >250 To 500, Deduct	-3.56	
For >500 To 1,000, Deduct	-5.34	
For >1,000, Deduct	-7.13	
For 304 Stainless Steel, Add	56.86	
For 316 Stainless Steel, Add	63.84	
For Aluminum, Add	3.59	
For Galvanized Steel, Add	12.37	
05 12 23 00-0536 LF C9 x 15 - 9" Wide Channel .....	51.03	21.53
For >100 To 250, Deduct	-2.71	
For >250 To 500, Deduct	-3.99	
For >500 To 1,000, Deduct	-5.98	
For >1,000, Deduct	-7.97	
For 304 Stainless Steel, Add	63.64	
For 316 Stainless Steel, Add	71.46	
For Aluminum, Add	4.02	
For Galvanized Steel, Add	13.84	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0537	LF		C9 x 20 - 9" Wide Channel.....	68.06	28.70
			<i>For &gt;100 To 250, Deduct</i>	-3.62	
			<i>For &gt;250 To 500, Deduct</i>	-5.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.98	
			<i>For &gt;1,000, Deduct</i>	-10.64	
			<i>For 304 Stainless Steel, Add</i>	84.84	
			<i>For 316 Stainless Steel, Add</i>	95.26	
			<i>For Aluminum, Add</i>	5.36	
			<i>For Galvanized Steel, Add</i>	18.46	
05 12 23 00-0538	LF		C10 x 15.3 - 10" Wide Channel.....	52.05	21.96
			<i>For &gt;100 To 250, Deduct</i>	-2.77	
			<i>For &gt;250 To 500, Deduct</i>	-4.07	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.10	
			<i>For &gt;1,000, Deduct</i>	-8.13	
			<i>For 304 Stainless Steel, Add</i>	64.89	
			<i>For 316 Stainless Steel, Add</i>	72.86	
			<i>For Aluminum, Add</i>	4.10	
			<i>For Galvanized Steel, Add</i>	14.12	
05 12 23 00-0539	LF		C10 x 20 - 10" Wide Channel.....	68.06	28.70
			<i>For &gt;100 To 250, Deduct</i>	-3.62	
			<i>For &gt;250 To 500, Deduct</i>	-5.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.98	
			<i>For &gt;1,000, Deduct</i>	-10.64	
			<i>For 304 Stainless Steel, Add</i>	84.84	
			<i>For 316 Stainless Steel, Add</i>	95.26	
			<i>For Aluminum, Add</i>	5.36	
			<i>For Galvanized Steel, Add</i>	18.46	
05 12 23 00-0540	LF		C10 x 25 - 10" Wide Channel.....	85.06	35.89
			<i>For &gt;100 To 250, Deduct</i>	-4.52	
			<i>For &gt;250 To 500, Deduct</i>	-6.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.97	
			<i>For &gt;1,000, Deduct</i>	-13.29	
			<i>For 304 Stainless Steel, Add</i>	106.05	
			<i>For 316 Stainless Steel, Add</i>	119.07	
			<i>For Aluminum, Add</i>	6.70	
			<i>For Galvanized Steel, Add</i>	23.07	
05 12 23 00-0541	LF		C10 x 30 - 10" Wide Channel.....	102.07	43.06
			<i>For &gt;100 To 250, Deduct</i>	-5.42	
			<i>For &gt;250 To 500, Deduct</i>	-7.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-11.96	
			<i>For &gt;1,000, Deduct</i>	-15.95	
			<i>For 304 Stainless Steel, Add</i>	127.25	
			<i>For 316 Stainless Steel, Add</i>	142.88	
			<i>For Aluminum, Add</i>	8.04	
			<i>For Galvanized Steel, Add</i>	27.68	
05 12 23 00-0542	LF		C12 x 20.7 - 12" Wide Channel.....	70.43	29.72
			<i>For &gt;100 To 250, Deduct</i>	-3.74	
			<i>For &gt;250 To 500, Deduct</i>	-5.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.25	
			<i>For &gt;1,000, Deduct</i>	-11.01	
			<i>For 304 Stainless Steel, Add</i>	87.81	
			<i>For 316 Stainless Steel, Add</i>	98.59	
			<i>For Aluminum, Add</i>	5.55	
			<i>For Galvanized Steel, Add</i>	19.10	
05 12 23 00-0543	LF		C12 x 25 - 12" Wide Channel.....	85.06	35.89
			<i>For &gt;100 To 250, Deduct</i>	-4.52	
			<i>For &gt;250 To 500, Deduct</i>	-6.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.97	
			<i>For &gt;1,000, Deduct</i>	-13.29	
			<i>For 304 Stainless Steel, Add</i>	106.05	
			<i>For 316 Stainless Steel, Add</i>	119.07	
			<i>For Aluminum, Add</i>	6.70	
			<i>For Galvanized Steel, Add</i>	23.07	
05 12 23 00-0544	LF		C12 x 30 - 12" Wide Channel.....	102.07	43.06
			<i>For &gt;100 To 250, Deduct</i>	-5.42	
			<i>For &gt;250 To 500, Deduct</i>	-7.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-11.96	
			<i>For &gt;1,000, Deduct</i>	-15.95	
			<i>For 304 Stainless Steel, Add</i>	127.25	
			<i>For 316 Stainless Steel, Add</i>	142.88	
			<i>For Aluminum, Add</i>	8.04	
			<i>For Galvanized Steel, Add</i>	27.68	
05 12 23 00-0545	LF		C15 x 33.9 - 15" Wide Channel.....	115.35	48.66
			<i>For &gt;100 To 250, Deduct</i>	-6.13	
			<i>For &gt;250 To 500, Deduct</i>	-9.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-13.52	
			<i>For &gt;1,000, Deduct</i>	-18.02	
			<i>For 304 Stainless Steel, Add</i>	143.81	
			<i>For 316 Stainless Steel, Add</i>	161.47	
			<i>For Aluminum, Add</i>	9.08	
			<i>For Galvanized Steel, Add</i>	31.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0546 LF C15 x 40 - 15" Wide Channel .....	136.10	57.42
For >100 To 250, Deduct	-7.23	
For >250 To 500, Deduct	-10.63	
For >500 To 1,000, Deduct	-15.95	
For >1,000, Deduct	-21.27	
For 304 Stainless Steel, Add	169.69	
For 316 Stainless Steel, Add	190.53	
For Aluminum, Add	10.72	
For Galvanized Steel, Add	36.91	
05 12 23 00-0547 LF C15 x 50 - 15" Wide Channel .....	170.12	71.77
For >100 To 250, Deduct	-9.04	
For >250 To 500, Deduct	-13.29	
For >500 To 1,000, Deduct	-19.94	
For >1,000, Deduct	-26.58	
For 304 Stainless Steel, Add	212.10	
For 316 Stainless Steel, Add	238.14	
For Aluminum, Add	13.40	
For Galvanized Steel, Add	46.14	
<b>05 12 23 00-0548 Miscellaneous Channels - MC</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0549 LF MC6 x 12 - 6" Wide Channel .....	42.46	18.45
For >100 To 250, Deduct	-2.29	
For >250 To 500, Deduct	-3.35	
For >500 To 1,000, Deduct	-5.03	
For >1,000, Deduct	-6.71	
For 304 Stainless Steel, Add	50.90	
For 316 Stainless Steel, Add	57.15	
For Aluminum, Add	3.21	
For Galvanized Steel, Add	11.07	
05 12 23 00-0550 LF MC6 x 15.1 - 6" Wide Channel .....	53.43	23.21
For >100 To 250, Deduct	-2.88	
For >250 To 500, Deduct	-4.22	
For >500 To 1,000, Deduct	-6.33	
For >1,000, Deduct	-8.44	
For 304 Stainless Steel, Add	64.07	
For 316 Stainless Steel, Add	71.94	
For Aluminum, Add	4.05	
For Galvanized Steel, Add	13.94	
05 12 23 00-0551 LF MC6 x 15.3 - 6" Wide Channel .....	54.13	23.52
For >100 To 250, Deduct	-2.92	
For >250 To 500, Deduct	-4.27	
For >500 To 1,000, Deduct	-6.41	
For >1,000, Deduct	-8.55	
For 304 Stainless Steel, Add	64.89	
For 316 Stainless Steel, Add	72.86	
For Aluminum, Add	4.10	
For Galvanized Steel, Add	14.12	
05 12 23 00-0552 LF MC6 x 16.3 - 6" Wide Channel .....	57.68	25.05
For >100 To 250, Deduct	-3.11	
For >250 To 500, Deduct	-4.56	
For >500 To 1,000, Deduct	-6.83	
For >1,000, Deduct	-9.11	
For 304 Stainless Steel, Add	69.14	
For 316 Stainless Steel, Add	77.63	
For Aluminum, Add	4.37	
For Galvanized Steel, Add	15.04	
05 12 23 00-0553 LF MC6 x 18 - 6" Wide Channel .....	63.69	27.67
For >100 To 250, Deduct	-3.44	
For >250 To 500, Deduct	-5.03	
For >500 To 1,000, Deduct	-7.54	
For >1,000, Deduct	-10.06	
For 304 Stainless Steel, Add	76.35	
For 316 Stainless Steel, Add	85.73	
For Aluminum, Add	4.82	
For Galvanized Steel, Add	16.61	
05 12 23 00-0554 LF MC7 x 17.6 - 7" Wide Channel .....	62.14	26.96
For >100 To 250, Deduct	-3.35	
For >250 To 500, Deduct	-4.90	
For >500 To 1,000, Deduct	-7.36	
For >1,000, Deduct	-9.81	
For 304 Stainless Steel, Add	74.67	
For 316 Stainless Steel, Add	83.84	
For Aluminum, Add	4.72	
For Galvanized Steel, Add	16.24	
05 12 23 00-0555 LF MC7 x 19.1 - 7" Wide Channel .....	67.44	29.26
For >100 To 250, Deduct	-3.64	
For >250 To 500, Deduct	-5.32	
For >500 To 1,000, Deduct	-7.98	
For >1,000, Deduct	-10.65	
For 304 Stainless Steel, Add	81.03	
For 316 Stainless Steel, Add	90.98	
For Aluminum, Add	5.12	
For Galvanized Steel, Add	17.63	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0556	LF		MC7 x 22.7 - 7" Wide Channel.....	80.15	34.76
			<i>For &gt;100 To 250, Deduct</i>	-4.32	
			<i>For &gt;250 To 500, Deduct</i>	-6.33	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.49	
			<i>For &gt;1,000, Deduct</i>	-12.65	
			<i>For 304 Stainless Steel, Add</i>	96.30	
			<i>For 316 Stainless Steel, Add</i>	108.13	
			<i>For Aluminum, Add</i>	6.08	
			<i>For Galvanized Steel, Add</i>	20.95	
05 12 23 00-0557	LF		MC8 x 8.5 - 8" Wide Channel.....	28.93	12.20
			<i>For &gt;100 To 250, Deduct</i>	-1.54	
			<i>For &gt;250 To 500, Deduct</i>	-2.26	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.39	
			<i>For &gt;1,000, Deduct</i>	-4.52	
			<i>For 304 Stainless Steel, Add</i>	36.05	
			<i>For 316 Stainless Steel, Add</i>	40.48	
			<i>For Aluminum, Add</i>	2.28	
			<i>For Galvanized Steel, Add</i>	7.84	
05 12 23 00-0558	LF		MC8 x 18.7 - 8" Wide Channel.....	63.63	26.84
			<i>For &gt;100 To 250, Deduct</i>	-3.38	
			<i>For &gt;250 To 500, Deduct</i>	-4.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.46	
			<i>For &gt;1,000, Deduct</i>	-9.94	
			<i>For 304 Stainless Steel, Add</i>	79.32	
			<i>For 316 Stainless Steel, Add</i>	89.06	
			<i>For Aluminum, Add</i>	5.01	
			<i>For Galvanized Steel, Add</i>	17.25	
05 12 23 00-0559	LF		MC8 x 20 - 8" Wide Channel.....	68.06	28.70
			<i>For &gt;100 To 250, Deduct</i>	-3.62	
			<i>For &gt;250 To 500, Deduct</i>	-5.32	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.98	
			<i>For &gt;1,000, Deduct</i>	-10.64	
			<i>For 304 Stainless Steel, Add</i>	84.84	
			<i>For 316 Stainless Steel, Add</i>	95.26	
			<i>For Aluminum, Add</i>	5.36	
			<i>For Galvanized Steel, Add</i>	18.46	
05 12 23 00-0560	LF		MC8 x 21.4 - 8" Wide Channel.....	72.82	30.73
			<i>For &gt;100 To 250, Deduct</i>	-3.87	
			<i>For &gt;250 To 500, Deduct</i>	-5.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.53	
			<i>For &gt;1,000, Deduct</i>	-11.38	
			<i>For 304 Stainless Steel, Add</i>	90.77	
			<i>For 316 Stainless Steel, Add</i>	101.92	
			<i>For Aluminum, Add</i>	5.73	
			<i>For Galvanized Steel, Add</i>	19.75	
05 12 23 00-0561	LF		MC8 x 22.8 - 8" Wide Channel.....	77.57	32.74
			<i>For &gt;100 To 250, Deduct</i>	-4.12	
			<i>For &gt;250 To 500, Deduct</i>	-6.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.09	
			<i>For &gt;1,000, Deduct</i>	-12.12	
			<i>For 304 Stainless Steel, Add</i>	96.73	
			<i>For 316 Stainless Steel, Add</i>	108.61	
			<i>For Aluminum, Add</i>	6.11	
			<i>For Galvanized Steel, Add</i>	21.04	
05 12 23 00-0562	LF		MC9 x 23.9 - 9" Wide Channel.....	81.32	34.31
			<i>For &gt;100 To 250, Deduct</i>	-4.32	
			<i>For &gt;250 To 500, Deduct</i>	-6.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.53	
			<i>For &gt;1,000, Deduct</i>	-12.71	
			<i>For 304 Stainless Steel, Add</i>	101.37	
			<i>For 316 Stainless Steel, Add</i>	113.82	
			<i>For Aluminum, Add</i>	6.40	
			<i>For Galvanized Steel, Add</i>	22.05	
05 12 23 00-0563	LF		MC9 x 25.4 - 9" Wide Channel.....	86.42	36.46
			<i>For &gt;100 To 250, Deduct</i>	-4.59	
			<i>For &gt;250 To 500, Deduct</i>	-6.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-10.13	
			<i>For &gt;1,000, Deduct</i>	-13.50	
			<i>For 304 Stainless Steel, Add</i>	107.76	
			<i>For 316 Stainless Steel, Add</i>	120.99	
			<i>For Aluminum, Add</i>	6.81	
			<i>For Galvanized Steel, Add</i>	23.44	
05 12 23 00-0564	LF		MC10 x 6.5 - 10" Wide Channel.....	22.12	9.33
			<i>For &gt;100 To 250, Deduct</i>	-1.18	
			<i>For &gt;250 To 500, Deduct</i>	-1.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.59	
			<i>For &gt;1,000, Deduct</i>	-3.46	
			<i>For 304 Stainless Steel, Add</i>	27.56	
			<i>For 316 Stainless Steel, Add</i>	30.94	
			<i>For Aluminum, Add</i>	1.74	
			<i>For Galvanized Steel, Add</i>	6.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0565 LF MC10 x 8.4 - 10" Wide Channel .....	28.58	12.06
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-2.23	
For >500 To 1,000, Deduct	-3.35	
For >1,000, Deduct	-4.47	
For 304 Stainless Steel, Add	35.63	
For 316 Stainless Steel, Add	40.00	
For Aluminum, Add	2.25	
For Galvanized Steel, Add	7.75	
05 12 23 00-0566 LF MC10 x 21.9 - 10" Wide Channel .....	74.51	31.44
For >100 To 250, Deduct	-3.96	
For >250 To 500, Deduct	-5.82	
For >500 To 1,000, Deduct	-8.73	
For >1,000, Deduct	-11.64	
For 304 Stainless Steel, Add	92.91	
For 316 Stainless Steel, Add	104.32	
For Aluminum, Add	5.87	
For Galvanized Steel, Add	20.21	
05 12 23 00-0567 LF MC10 x 24.9 - 10" Wide Channel .....	84.73	35.76
For >100 To 250, Deduct	-4.50	
For >250 To 500, Deduct	-6.62	
For >500 To 1,000, Deduct	-9.93	
For >1,000, Deduct	-13.24	
For 304 Stainless Steel, Add	105.62	
For 316 Stainless Steel, Add	118.59	
For Aluminum, Add	6.67	
For Galvanized Steel, Add	22.98	
05 12 23 00-0568 LF MC10 x 25.3 - 10" Wide Channel .....	86.08	36.33
For >100 To 250, Deduct	-4.57	
For >250 To 500, Deduct	-6.73	
For >500 To 1,000, Deduct	-10.09	
For >1,000, Deduct	-13.45	
For 304 Stainless Steel, Add	107.33	
For 316 Stainless Steel, Add	120.51	
For Aluminum, Add	6.78	
For Galvanized Steel, Add	23.35	
05 12 23 00-0569 LF MC10 x 28.3 - 10" Wide Channel .....	96.30	40.62
For >100 To 250, Deduct	-5.12	
For >250 To 500, Deduct	-7.52	
For >500 To 1,000, Deduct	-11.29	
For >1,000, Deduct	-15.05	
For 304 Stainless Steel, Add	120.04	
For 316 Stainless Steel, Add	134.78	
For Aluminum, Add	7.58	
For Galvanized Steel, Add	26.11	
05 12 23 00-0570 LF MC10 x 28.5 - 10" Wide Channel .....	96.97	40.92
For >100 To 250, Deduct	-5.15	
For >250 To 500, Deduct	-7.58	
For >500 To 1,000, Deduct	-11.36	
For >1,000, Deduct	-15.15	
For 304 Stainless Steel, Add	120.90	
For 316 Stainless Steel, Add	135.74	
For Aluminum, Add	7.64	
For Galvanized Steel, Add	26.30	
05 12 23 00-0571 LF MC10 x 33.6 - 10" Wide Channel .....	114.32	48.24
For >100 To 250, Deduct	-6.07	
For >250 To 500, Deduct	-8.93	
For >500 To 1,000, Deduct	-13.40	
For >1,000, Deduct	-17.86	
For 304 Stainless Steel, Add	142.53	
For 316 Stainless Steel, Add	160.03	
For Aluminum, Add	9.00	
For Galvanized Steel, Add	31.01	
05 12 23 00-0572 LF MC10 x 41.1 - 10" Wide Channel .....	139.84	59.01
For >100 To 250, Deduct	-7.43	
For >250 To 500, Deduct	-10.93	
For >500 To 1,000, Deduct	-16.39	
For >1,000, Deduct	-21.85	
For 304 Stainless Steel, Add	174.36	
For 316 Stainless Steel, Add	195.78	
For Aluminum, Add	11.01	
For Galvanized Steel, Add	37.93	
05 12 23 00-0573 LF MC12 x 30.9 - 12" Wide Channel .....	105.14	44.36
For >100 To 250, Deduct	-5.59	
For >250 To 500, Deduct	-8.21	
For >500 To 1,000, Deduct	-12.32	
For >1,000, Deduct	-16.43	
For 304 Stainless Steel, Add	131.07	
For 316 Stainless Steel, Add	147.17	
For Aluminum, Add	8.28	
For Galvanized Steel, Add	28.51	



## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0574	LF		MC12 x 32.9 - 12" Wide Channel.....	111.95	47.22
			<i>For &gt;100 To 250, Deduct</i>	-5.95	
			<i>For &gt;250 To 500, Deduct</i>	-8.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-13.12	
			<i>For &gt;1,000, Deduct</i>	-17.49	
			<i>For 304 Stainless Steel, Add</i>	139.56	
			<i>For 316 Stainless Steel, Add</i>	156.70	
			<i>For Aluminum, Add</i>	8.81	
			<i>For Galvanized Steel, Add</i>	30.36	
05 12 23 00-0575	LF		MC12 x 35 - 12" Wide Channel.....	119.09	50.24
			<i>For &gt;100 To 250, Deduct</i>	-6.33	
			<i>For &gt;250 To 500, Deduct</i>	-9.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-13.96	
			<i>For &gt;1,000, Deduct</i>	-18.61	
			<i>For 304 Stainless Steel, Add</i>	148.49	
			<i>For 316 Stainless Steel, Add</i>	166.72	
			<i>For Aluminum, Add</i>	9.38	
			<i>For Galvanized Steel, Add</i>	32.30	
05 12 23 00-0576	LF		MC12 x 37 - 12" Wide Channel.....	125.90	53.12
			<i>For &gt;100 To 250, Deduct</i>	-6.69	
			<i>For &gt;250 To 500, Deduct</i>	-9.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-14.75	
			<i>For &gt;1,000, Deduct</i>	-19.67	
			<i>For 304 Stainless Steel, Add</i>	156.95	
			<i>For 316 Stainless Steel, Add</i>	176.22	
			<i>For Aluminum, Add</i>	9.91	
			<i>For Galvanized Steel, Add</i>	34.14	
05 12 23 00-0577	LF		MC12 x 40 - 12" Wide Channel.....	136.10	57.42
			<i>For &gt;100 To 250, Deduct</i>	-7.23	
			<i>For &gt;250 To 500, Deduct</i>	-10.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-15.95	
			<i>For &gt;1,000, Deduct</i>	-21.27	
			<i>For 304 Stainless Steel, Add</i>	169.69	
			<i>For 316 Stainless Steel, Add</i>	190.53	
			<i>For Aluminum, Add</i>	10.72	
			<i>For Galvanized Steel, Add</i>	36.91	
05 12 23 00-0578	LF		MC12 x 45 - 12" Wide Channel.....	153.12	64.61
			<i>For &gt;100 To 250, Deduct</i>	-8.14	
			<i>For &gt;250 To 500, Deduct</i>	-11.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-17.94	
			<i>For &gt;1,000, Deduct</i>	-23.93	
			<i>For 304 Stainless Steel, Add</i>	190.89	
			<i>For 316 Stainless Steel, Add</i>	214.34	
			<i>For Aluminum, Add</i>	12.06	
			<i>For Galvanized Steel, Add</i>	41.53	
05 12 23 00-0579	LF		MC12 x 50 - 12" Wide Channel.....	170.12	71.78
			<i>For &gt;100 To 250, Deduct</i>	-9.04	
			<i>For &gt;250 To 500, Deduct</i>	-13.29	
			<i>For &gt;500 To 1,000, Deduct</i>	-19.94	
			<i>For &gt;1,000, Deduct</i>	-26.58	
			<i>For 304 Stainless Steel, Add</i>	212.10	
			<i>For 316 Stainless Steel, Add</i>	238.14	
			<i>For Aluminum, Add</i>	13.40	
			<i>For Galvanized Steel, Add</i>	46.14	
05 12 23 00-0580	LF		MC13 x 31.8 - 13" Wide Channel.....	108.20	45.65
			<i>For &gt;100 To 250, Deduct</i>	-5.75	
			<i>For &gt;250 To 500, Deduct</i>	-8.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-12.68	
			<i>For &gt;1,000, Deduct</i>	-16.91	
			<i>For 304 Stainless Steel, Add</i>	134.89	
			<i>For 316 Stainless Steel, Add</i>	151.46	
			<i>For Aluminum, Add</i>	8.52	
			<i>For Galvanized Steel, Add</i>	29.34	
05 12 23 00-0581	LF		MC13 x 35 - 13" Wide Channel.....	119.09	50.24
			<i>For &gt;100 To 250, Deduct</i>	-6.33	
			<i>For &gt;250 To 500, Deduct</i>	-9.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-13.96	
			<i>For &gt;1,000, Deduct</i>	-18.61	
			<i>For 304 Stainless Steel, Add</i>	148.49	
			<i>For 316 Stainless Steel, Add</i>	166.72	
			<i>For Aluminum, Add</i>	9.38	
			<i>For Galvanized Steel, Add</i>	32.30	
05 12 23 00-0582	LF		MC13 x 40 - 13" Wide Channel.....	136.10	57.42
			<i>For &gt;100 To 250, Deduct</i>	-7.23	
			<i>For &gt;250 To 500, Deduct</i>	-10.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-15.95	
			<i>For &gt;1,000, Deduct</i>	-21.27	
			<i>For 304 Stainless Steel, Add</i>	169.69	
			<i>For 316 Stainless Steel, Add</i>	190.53	
			<i>For Aluminum, Add</i>	10.72	
			<i>For Galvanized Steel, Add</i>	36.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0583 LF MC13 x 50 - 13" Wide Channel .....	170.12	71.78
For >100 To 250, Deduct	-9.04	
For >250 To 500, Deduct	-13.29	
For >500 To 1,000, Deduct	-19.94	
For >1,000, Deduct	-26.58	
For 304 Stainless Steel, Add	212.10	
For 316 Stainless Steel, Add	238.14	
For Aluminum, Add	13.40	
For Galvanized Steel, Add	46.14	
05 12 23 00-0584 LF MC18 x 42.7 - 18" Wide Channel .....	145.29	61.30
For >100 To 250, Deduct	-7.72	
For >250 To 500, Deduct	-11.35	
For >500 To 1,000, Deduct	-17.03	
For >1,000, Deduct	-22.70	
For 304 Stainless Steel, Add	181.15	
For 316 Stainless Steel, Add	203.39	
For Aluminum, Add	11.44	
For Galvanized Steel, Add	39.41	
05 12 23 00-0585 LF MC18 x 45.8 - 18" Wide Channel .....	155.83	65.76
For >100 To 250, Deduct	-8.28	
For >250 To 500, Deduct	-12.17	
For >500 To 1,000, Deduct	-18.26	
For >1,000, Deduct	-24.35	
For 304 Stainless Steel, Add	194.28	
For 316 Stainless Steel, Add	218.14	
For Aluminum, Add	12.27	
For Galvanized Steel, Add	42.27	
05 12 23 00-0586 LF MC18 x 51.9 - 18" Wide Channel .....	176.59	74.51
For >100 To 250, Deduct	-9.38	
For >250 To 500, Deduct	-13.80	
For >500 To 1,000, Deduct	-20.69	
For >1,000, Deduct	-27.59	
For 304 Stainless Steel, Add	220.16	
For 316 Stainless Steel, Add	247.20	
For Aluminum, Add	13.91	
For Galvanized Steel, Add	47.90	
05 12 23 00-0587 LF MC18 x 58 - 18" Wide Channel .....	197.35	83.25
For >100 To 250, Deduct	-10.48	
For >250 To 500, Deduct	-15.42	
For >500 To 1,000, Deduct	-23.13	
For >1,000, Deduct	-30.84	
For 304 Stainless Steel, Add	246.04	
For 316 Stainless Steel, Add	276.26	
For Aluminum, Add	15.54	
For Galvanized Steel, Add	53.52	
<b>05 12 23 00-0588 Structural Bar Tees</b> (05 12 23 00-0392)		
05 12 23 00-0589 LF 3/4" x 3/4" x 1/8" Structural Bar Tee .....	6.29	3.82
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.57	
For >500 To 1,000, Deduct	-0.85	
For >1,000, Deduct	-1.14	
For 304 Stainless Steel, Add	3.42	
For 316 Stainless Steel, Add	3.84	
For Aluminum, Add	0.22	
For Galvanized Steel, Add	0.74	
05 12 23 00-0590 LF 1" x 1" x 1/8" Structural Bar Tee .....	7.65	4.50
For >100 To 250, Deduct	-0.49	
For >250 To 500, Deduct	-0.68	
For >500 To 1,000, Deduct	-1.02	
For >1,000, Deduct	-1.37	
For 304 Stainless Steel, Add	4.70	
For 316 Stainless Steel, Add	5.28	
For Aluminum, Add	0.30	
For Galvanized Steel, Add	1.02	
05 12 23 00-0591 LF 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee .....	11.65	5.20
For >100 To 250, Deduct	-0.64	
For >250 To 500, Deduct	-0.93	
For >500 To 1,000, Deduct	-1.39	
For >1,000, Deduct	-1.86	
For 304 Stainless Steel, Add	13.45	
For 316 Stainless Steel, Add	15.10	
For Aluminum, Add	0.85	
For Galvanized Steel, Add	2.93	
05 12 23 00-0592 LF 2" x 2" x 1/4" Structural Bar Tee .....	16.09	6.80
For >100 To 250, Deduct	-0.86	
For >250 To 500, Deduct	-1.26	
For >500 To 1,000, Deduct	-1.89	
For >1,000, Deduct	-2.52	
For 304 Stainless Steel, Add	20.04	
For 316 Stainless Steel, Add	22.50	
For Aluminum, Add	1.27	
For Galvanized Steel, Add	4.36	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0593	LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee .....	23.56	8.20
	<i>For &gt;100 To 250, Deduct</i>	-1.14	
	<i>For &gt;250 To 500, Deduct</i>	-1.73	
	<i>For &gt;500 To 1,000, Deduct</i>	-2.59	
	<i>For &gt;1,000, Deduct</i>	-3.45	
	<i>For 304 Stainless Steel, Add</i>	35.97	
	<i>For 316 Stainless Steel, Add</i>	40.38	
	<i>For Aluminum, Add</i>	2.27	
	<i>For Galvanized Steel, Add</i>	7.82	
05 12 23 00-0594	LF 3" x 3" x 3/8" Structural Bar Tee .....	29.15	10.50
	<i>For &gt;100 To 250, Deduct</i>	-1.43	
	<i>For &gt;250 To 500, Deduct</i>	-2.16	
	<i>For &gt;500 To 1,000, Deduct</i>	-3.24	
	<i>For &gt;1,000, Deduct</i>	-4.32	
	<i>For 304 Stainless Steel, Add</i>	43.18	
	<i>For 316 Stainless Steel, Add</i>	48.48	
	<i>For Aluminum, Add</i>	2.73	
	<i>For Galvanized Steel, Add</i>	9.39	
<b>05 12 23 00-0595</b>	<b>Structural Zees</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0596	LF 1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	13.97	5.20
	<i>For &gt;100 To 250, Deduct</i>	-0.70	
	<i>For &gt;250 To 500, Deduct</i>	-1.05	
	<i>For &gt;500 To 1,000, Deduct</i>	-1.57	
	<i>For &gt;1,000, Deduct</i>	-2.09	
	<i>For 304 Stainless Steel, Add</i>	20.06	
	<i>For 316 Stainless Steel, Add</i>	22.53	
	<i>For Aluminum, Add</i>	1.27	
	<i>For Galvanized Steel, Add</i>	4.36	
05 12 23 00-0597	LF 2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	25.11	6.20
	<i>For &gt;100 To 250, Deduct</i>	-1.04	
	<i>For &gt;250 To 500, Deduct</i>	-1.67	
	<i>For &gt;500 To 1,000, Deduct</i>	-2.50	
	<i>For &gt;1,000, Deduct</i>	-3.34	
	<i>For 304 Stainless Steel, Add</i>	47.99	
	<i>For 316 Stainless Steel, Add</i>	53.89	
	<i>For Aluminum, Add</i>	3.03	
	<i>For Galvanized Steel, Add</i>	10.44	
05 12 23 00-0598	LF 3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	29.95	7.00
	<i>For &gt;100 To 250, Deduct</i>	-1.22	
	<i>For &gt;250 To 500, Deduct</i>	-1.96	
	<i>For &gt;500 To 1,000, Deduct</i>	-2.95	
	<i>For &gt;1,000, Deduct</i>	-3.93	
	<i>For 304 Stainless Steel, Add</i>	58.74	
	<i>For 316 Stainless Steel, Add</i>	65.95	
	<i>For Aluminum, Add</i>	3.71	
	<i>For Galvanized Steel, Add</i>	12.78	
05 12 23 00-0599	LF 3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	39.82	8.00
	<i>For &gt;100 To 250, Deduct</i>	-1.53	
	<i>For &gt;250 To 500, Deduct</i>	-2.52	
	<i>For &gt;500 To 1,000, Deduct</i>	-3.79	
	<i>For &gt;1,000, Deduct</i>	-5.05	
	<i>For 304 Stainless Steel, Add</i>	83.08	
	<i>For 316 Stainless Steel, Add</i>	93.28	
	<i>For Aluminum, Add</i>	5.25	
	<i>For Galvanized Steel, Add</i>	18.07	
05 12 23 00-0600	LF 3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	51.07	8.70
	<i>For &gt;100 To 250, Deduct</i>	-1.86	
	<i>For &gt;250 To 500, Deduct</i>	-3.13	
	<i>For &gt;500 To 1,000, Deduct</i>	-4.70	
	<i>For &gt;1,000, Deduct</i>	-6.27	
	<i>For 304 Stainless Steel, Add</i>	112.46	
	<i>For 316 Stainless Steel, Add</i>	126.27	
	<i>For Aluminum, Add</i>	7.10	
	<i>For Galvanized Steel, Add</i>	24.47	
<b>05 12 23 00-0601</b>	<b>Junior I-Beams</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0602	LF 3" Junior I-Beam, 2.9 Lb./LF .....	19.28	7.51
	<i>For &gt;100 To 250, Deduct</i>	-0.98	
	<i>For &gt;250 To 500, Deduct</i>	-1.46	
	<i>For &gt;500 To 1,000, Deduct</i>	-2.20	
	<i>For &gt;1,000, Deduct</i>	-2.93	
	<i>For 304 Stainless Steel, Add</i>	26.45	
	<i>For 316 Stainless Steel, Add</i>	29.70	
	<i>For Aluminum, Add</i>	1.67	
	<i>For Galvanized Steel, Add</i>	5.75	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23	00-0603	LF	4" Junior I-Beam, 3.2 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	21.19 -1.08 -1.61 -2.41 -3.21 29.18 32.77 1.84 6.35	8.20
	05 12 23	00-0604	LF	5" Junior I-Beam, 3.8 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	24.15 -1.20 -1.81 -2.71 -3.62 34.63 38.88 2.19 7.53	9.00
	05 12 23	00-0605	LF	6" Junior I-Beam, 4.4 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	27.15 -1.33 -2.01 -3.02 -4.02 40.10 45.02 2.53 8.72	9.81
	05 12 23	00-0606	LF	7" Junior I-Beam, 5.5 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	31.59 -1.49 -2.28 -3.42 -4.56 50.13 56.29 3.17 10.91	10.50
	05 12 23	00-0607	LF	8" Junior I-Beam, 6.5 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	35.73 -1.64 -2.53 -3.80 -5.07 59.25 66.63 3.74 12.89	11.21
	05 12 23	00-0608	LF	10" Junior I-Beam, 9 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	45.86 -2.00 -3.15 -4.72 -6.29 82.05 92.13 5.18 17.85	12.81
	05 12 23	00-0609	LF	12" Junior I-Beam, 11.8 Lb./LF ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	58.01 -2.46 -3.91 -5.87 -7.83 107.56 120.77 6.79 23.40	15.21
	05 12 23	00-0610		<b>Round Stock</b> (05 12 23 00-0392) .....		
	05 12 23	00-0611	LF	1/4" Carbon Steel Rounds, ASTM A108 ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	2.91 4.47 5.02 0.28 0.97	
	05 12 23	00-0612	LF	3/8" Carbon Steel Rounds, ASTM A108 ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	4.62 8.84 9.92 0.56 1.92	
	05 12 23	00-0613	LF	1/2" Carbon Steel Rounds, ASTM A108 ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	6.39 13.45 15.10 0.85 2.93	
	05 12 23	00-0614	LF	5/8" Carbon Steel Rounds, ASTM A108 ..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i> <i>For Aluminum, Add</i> <i>For Galvanized Steel, Add</i>	9.72 22.43 25.18 1.42 4.88	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0615	LF		3/4" Carbon Steel Rounds, ASTM A108 .....	11.57	
			For 304 Stainless Steel, Add	26.65	
			For 316 Stainless Steel, Add	29.92	
			For Aluminum, Add	1.68	
			For Galvanized Steel, Add	5.80	
05 12 23 00-0616	LF		7/8" Carbon Steel Rounds, ASTM A108 .....	13.49	
			For 304 Stainless Steel, Add	31.12	
			For 316 Stainless Steel, Add	34.94	
			For Aluminum, Add	1.97	
			For Galvanized Steel, Add	6.77	
05 12 23 00-0617	LF		1" Carbon Steel Rounds, ASTM A108 .....	19.67	
			For 304 Stainless Steel, Add	47.42	
			For 316 Stainless Steel, Add	53.25	
			For Aluminum, Add	3.00	
			For Galvanized Steel, Add	10.32	
05 12 23 00-0618	LF		1-1/8" Carbon Steel Rounds, ASTM A108 .....	23.92	
			For 304 Stainless Steel, Add	57.63	
			For 316 Stainless Steel, Add	64.70	
			For Aluminum, Add	3.64	
			For Galvanized Steel, Add	12.54	
05 12 23 00-0619	LF		1-1/4" Carbon Steel Rounds, ASTM A108 .....	28.57	
			For 304 Stainless Steel, Add	67.83	
			For 316 Stainless Steel, Add	76.16	
			For Aluminum, Add	4.28	
			For Galvanized Steel, Add	14.76	
05 12 23 00-0620	LF		1-3/8" Carbon Steel Rounds, ASTM A108 .....	34.59	
			For 304 Stainless Steel, Add	82.76	
			For 316 Stainless Steel, Add	92.93	
			For Aluminum, Add	5.23	
			For Galvanized Steel, Add	18.00	
05 12 23 00-0621	LF		1-1/2" Carbon Steel Rounds, ASTM A108 .....	38.53	
			For 304 Stainless Steel, Add	90.80	
			For 316 Stainless Steel, Add	101.95	
			For Aluminum, Add	5.73	
			For Galvanized Steel, Add	19.75	
05 12 23 00-0622	LF		1-5/8" Carbon Steel Rounds, ASTM A108 .....	44.44	
			For 304 Stainless Steel, Add	102.89	
			For 316 Stainless Steel, Add	115.52	
			For Aluminum, Add	6.50	
			For Galvanized Steel, Add	22.38	
05 12 23 00-0623	LF		1-3/4" Carbon Steel Rounds, ASTM A108 .....	53.13	
			For 304 Stainless Steel, Add	119.73	
			For 316 Stainless Steel, Add	134.43	
			For Aluminum, Add	7.56	
			For Galvanized Steel, Add	26.05	
05 12 23 00-0624	LF		1-7/8" Carbon Steel Rounds, ASTM A108 .....	63.89	
			For 304 Stainless Steel, Add	140.25	
			For 316 Stainless Steel, Add	157.47	
			For Aluminum, Add	8.86	
			For Galvanized Steel, Add	30.51	
05 12 23 00-0625	LF		2" Carbon Steel Rounds, ASTM A108 .....	72.76	
			For 304 Stainless Steel, Add	156.04	
			For 316 Stainless Steel, Add	175.20	
			For Aluminum, Add	9.86	
			For Galvanized Steel, Add	33.95	
05 12 23 00-0626	LF		2-1/8" Carbon Steel Rounds, ASTM A108 .....	84.90	
			For 304 Stainless Steel, Add	178.18	
			For 316 Stainless Steel, Add	200.06	
			For Aluminum, Add	11.25	
			For Galvanized Steel, Add	38.76	
05 12 23 00-0627	LF		2-1/4" Carbon Steel Rounds, ASTM A108 .....	96.01	
			For 304 Stainless Steel, Add	200.33	
			For 316 Stainless Steel, Add	224.93	
			For Aluminum, Add	12.65	
			For Galvanized Steel, Add	43.58	
05 12 23 00-0628	LF		2-3/8" Carbon Steel Rounds, ASTM A108 .....	109.98	
			For 304 Stainless Steel, Add	229.14	
			For 316 Stainless Steel, Add	257.28	
			For Aluminum, Add	14.47	
			For Galvanized Steel, Add	49.85	
05 12 23 00-0629	LF		2-1/2" Carbon Steel Rounds, ASTM A108 .....	121.38	
			For 304 Stainless Steel, Add	246.95	
			For 316 Stainless Steel, Add	277.28	
			For Aluminum, Add	15.60	
			For Galvanized Steel, Add	53.72	
05 12 23 00-0630	LF		2-5/8" Carbon Steel Rounds, ASTM A108 .....	148.65	
			For 304 Stainless Steel, Add	313.67	
			For 316 Stainless Steel, Add	352.19	
			For Aluminum, Add	19.81	
			For Galvanized Steel, Add	68.24	
05 12 23 00-0631	LF		2-3/4" Carbon Steel Rounds, ASTM A108 .....	169.25	
			For 304 Stainless Steel, Add	357.70	
			For 316 Stainless Steel, Add	401.63	
			For Aluminum, Add	22.59	
			For Galvanized Steel, Add	77.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0632 LF 2-7/8 Carbon Steel Rounds, ASTM A108 .....	188.76	
<i>For 304 Stainless Steel, Add</i>	398.63	
<i>For 316 Stainless Steel, Add</i>	447.58	
<i>For Aluminum, Add</i>	25.18	
<i>For Galvanized Steel, Add</i>	86.72	
05 12 23 00-0633 LF 3" Carbon Steel Rounds, ASTM A108 .....	198.11	
<i>For 304 Stainless Steel, Add</i>	410.60	
<i>For 316 Stainless Steel, Add</i>	461.02	
<i>For Aluminum, Add</i>	25.93	
<i>For Galvanized Steel, Add</i>	89.32	
05 12 23 00-0634 LF 3-1/8" Carbon Steel Rounds, ASTM A108 .....	206.44	
<i>For 304 Stainless Steel, Add</i>	419.69	
<i>For 316 Stainless Steel, Add</i>	471.23	
<i>For Aluminum, Add</i>	26.51	
<i>For Galvanized Steel, Add</i>	91.30	
05 12 23 00-0635 LF 3-1/4" Carbon Steel Rounds, ASTM A108 .....	217.59	
<i>For 304 Stainless Steel, Add</i>	436.82	
<i>For 316 Stainless Steel, Add</i>	490.46	
<i>For Aluminum, Add</i>	27.59	
<i>For Galvanized Steel, Add</i>	95.03	
05 12 23 00-0636 LF 3-1/2" Carbon Steel Rounds, ASTM A108 .....	265.23	
<i>For 304 Stainless Steel, Add</i>	554.24	
<i>For 316 Stainless Steel, Add</i>	622.30	
<i>For Aluminum, Add</i>	35.00	
<i>For Galvanized Steel, Add</i>	120.57	
05 12 23 00-0637 LF 3-5/8" Carbon Steel Rounds, ASTM A108 .....	294.74	
<i>For 304 Stainless Steel, Add</i>	620.02	
<i>For 316 Stainless Steel, Add</i>	696.16	
<i>For Aluminum, Add</i>	39.16	
<i>For Galvanized Steel, Add</i>	134.88	
05 12 23 00-0638 LF 3-3/4" Carbon Steel Rounds, ASTM A108 .....	316.35	
<i>For 304 Stainless Steel, Add</i>	663.25	
<i>For 316 Stainless Steel, Add</i>	744.70	
<i>For Aluminum, Add</i>	41.89	
<i>For Galvanized Steel, Add</i>	144.29	
05 12 23 00-0639 LF 4" Carbon Steel Rounds, ASTM A108 .....	355.01	
<i>For 304 Stainless Steel, Add</i>	755.11	
<i>For 316 Stainless Steel, Add</i>	847.84	
<i>For Aluminum, Add</i>	47.69	
<i>For Galvanized Steel, Add</i>	164.27	
<b>05 12 23 00-0640 Square Stock</b> <small>(05 12 23 00-0392)</small>		
05 12 23 00-0641 LF 3/8" Square Bar Stock .....	2.23	
<i>For 304 Stainless Steel, Add</i>	2.02	
<i>For 316 Stainless Steel, Add</i>	2.27	
<i>For Aluminum, Add</i>	0.13	
<i>For Galvanized Steel, Add</i>	0.44	
05 12 23 00-0642 LF 1/2" Square Bar Stock .....	2.93	
<i>For 304 Stainless Steel, Add</i>	3.59	
<i>For 316 Stainless Steel, Add</i>	4.03	
<i>For Aluminum, Add</i>	0.23	
<i>For Galvanized Steel, Add</i>	0.78	
05 12 23 00-0643 LF 5/8" Square Bar Stock .....	3.81	
<i>For 304 Stainless Steel, Add</i>	5.59	
<i>For 316 Stainless Steel, Add</i>	6.27	
<i>For Aluminum, Add</i>	0.35	
<i>For Galvanized Steel, Add</i>	1.22	
05 12 23 00-0644 LF 3/4" Square Bar Stock .....	5.05	
<i>For 304 Stainless Steel, Add</i>	8.07	
<i>For 316 Stainless Steel, Add</i>	9.06	
<i>For Aluminum, Add</i>	0.51	
<i>For Galvanized Steel, Add</i>	1.75	
05 12 23 00-0645 LF 7/8" Square Bar Stock .....	6.52	
<i>For 304 Stainless Steel, Add</i>	11.26	
<i>For 316 Stainless Steel, Add</i>	12.64	
<i>For Aluminum, Add</i>	0.71	
<i>For Galvanized Steel, Add</i>	2.45	
05 12 23 00-0646 LF 1" Square Bar Stock .....	8.08	
<i>For 304 Stainless Steel, Add</i>	14.39	
<i>For 316 Stainless Steel, Add</i>	16.16	
<i>For Aluminum, Add</i>	0.91	
<i>For Galvanized Steel, Add</i>	3.13	
05 12 23 00-0647 LF 1-1/4" Square Bar Stock .....	12.65	
<i>For 304 Stainless Steel, Add</i>	22.46	
<i>For 316 Stainless Steel, Add</i>	25.22	
<i>For Aluminum, Add</i>	1.42	
<i>For Galvanized Steel, Add</i>	4.89	
05 12 23 00-0648 LF 1-1/2" Square Bar Stock .....	18.02	
<i>For 304 Stainless Steel, Add</i>	32.35	
<i>For 316 Stainless Steel, Add</i>	36.32	
<i>For Aluminum, Add</i>	2.04	
<i>For Galvanized Steel, Add</i>	7.04	



05	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0649 LF 1-3/4" Square Bar Stock .....	26.91	
For 304 Stainless Steel, Add	45.00	
For 316 Stainless Steel, Add	50.53	
For Aluminum, Add	2.84	
For Galvanized Steel, Add	9.79	
05 12 23 00-0650 LF 2" Square Bar Stock .....	38.87	
For 304 Stainless Steel, Add	57.57	
For 316 Stainless Steel, Add	64.64	
For Aluminum, Add	3.64	
For Galvanized Steel, Add	12.52	
<b>05 12 23 00-0651 Steel Tubing</b> <small>(05 12 23 00-0392)</small>		
Note: General purpose low-carbon steel.		
<b>05 12 23 00-0652 Square Steel Tubing</b> <small>(05 12 23 00-0651)</small>		
<b>05 12 23 00-0653 0.06" Wall Thickness</b> <small>(05 12 23 00-0652)</small>		
05 12 23 00-0654 LF 1/2" x 1/2" x 0.06" Square Steel Tubing .....	2.82	0.71
For >100 To 250, Deduct	-0.12	
For >250 To 500, Deduct	-0.19	
For >500 To 1,000, Deduct	-0.28	
For >1,000, Deduct	-0.38	
For 304 Stainless Steel, Add	5.30	
For 316 Stainless Steel, Add	5.95	
For Aluminum, Add	0.33	
For Galvanized Steel, Add	1.15	
05 12 23 00-0655 LF 3/4" x 3/4" x 0.06" Square Steel Tubing .....	4.34	1.13
For >100 To 250, Deduct	-0.18	
For >250 To 500, Deduct	-0.29	
For >500 To 1,000, Deduct	-0.44	
For >1,000, Deduct	-0.59	
For 304 Stainless Steel, Add	8.07	
For 316 Stainless Steel, Add	9.06	
For Aluminum, Add	0.51	
For Galvanized Steel, Add	1.75	
05 12 23 00-0656 LF 1" x 1" x 0.06" Square Steel Tubing .....	5.83	2.05
For >100 To 250, Deduct	-0.25	
For >250 To 500, Deduct	-0.39	
For >500 To 1,000, Deduct	-0.59	
For >1,000, Deduct	-0.79	
For 304 Stainless Steel, Add	10.77	
For 316 Stainless Steel, Add	12.10	
For Aluminum, Add	0.68	
For Galvanized Steel, Add	2.34	
05 12 23 00-0657 LF 1-1/4" x 1-1/4" x 0.06" Square Steel Tubing .....	7.69	1.94
For >100 To 250, Deduct	-0.32	
For >250 To 500, Deduct	-0.51	
For >500 To 1,000, Deduct	-0.77	
For >1,000, Deduct	-1.03	
For 304 Stainless Steel, Add	14.51	
For 316 Stainless Steel, Add	16.29	
For Aluminum, Add	0.92	
For Galvanized Steel, Add	3.16	
05 12 23 00-0658 LF 1-1/2" x 1-1/2" x 0.06" Square Steel Tubing .....	9.12	2.35
For >100 To 250, Deduct	-0.39	
For >250 To 500, Deduct	-0.61	
For >500 To 1,000, Deduct	-0.92	
For >1,000, Deduct	-1.23	
For 304 Stainless Steel, Add	17.04	
For 316 Stainless Steel, Add	19.14	
For Aluminum, Add	1.08	
For Galvanized Steel, Add	3.71	
<b>05 12 23 00-0659 0.083" Wall Thickness</b> <small>(05 12 23 00-0652)</small>		
05 12 23 00-0660 LF 3/4" x 3/4" x 0.083" Square Steel Tubing .....	5.04	1.32
For >100 To 250, Deduct	-0.21	
For >250 To 500, Deduct	-0.34	
For >500 To 1,000, Deduct	-0.51	
For >1,000, Deduct	-0.68	
For 304 Stainless Steel, Add	9.35	
For 316 Stainless Steel, Add	10.50	
For Aluminum, Add	0.59	
For Galvanized Steel, Add	2.03	
05 12 23 00-0661 LF 1" x 1" x 0.083" Square Steel Tubing .....	7.31	1.81
For >100 To 250, Deduct	-0.30	
For >250 To 500, Deduct	-0.49	
For >500 To 1,000, Deduct	-0.73	
For >1,000, Deduct	-0.97	
For 304 Stainless Steel, Add	13.97	
For 316 Stainless Steel, Add	15.68	
For Aluminum, Add	0.88	
For Galvanized Steel, Add	3.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0662 LF 1-1/4" x 1-1/4" x 0.083" Square Steel Tubing .....	8.87	2.30
For >100 To 250, Deduct	-0.38	
For >250 To 500, Deduct	-0.60	
For >500 To 1,000, Deduct	-0.90	
For >1,000, Deduct	-1.20	
For 304 Stainless Steel, Add	16.50	
For 316 Stainless Steel, Add	18.53	
For Aluminum, Add	1.04	
For Galvanized Steel, Add	3.59	
05 12 23 00-0663 LF 1-1/2" x 1-1/2" x 0.083" Square Steel Tubing .....	10.73	2.81
For >100 To 250, Deduct	-0.46	
For >250 To 500, Deduct	-0.72	
For >500 To 1,000, Deduct	-1.09	
For >1,000, Deduct	-1.45	
For 304 Stainless Steel, Add	19.92	
For 316 Stainless Steel, Add	22.37	
For Aluminum, Add	1.26	
For Galvanized Steel, Add	4.33	
05 12 23 00-0664 LF 2" x 2" x 0.083" Square Steel Tubing .....	13.77	3.73
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-0.94	
For >500 To 1,000, Deduct	-1.41	
For >1,000, Deduct	-1.88	
For 304 Stainless Steel, Add	25.05	
For 316 Stainless Steel, Add	28.13	
For Aluminum, Add	1.58	
For Galvanized Steel, Add	5.45	
<b>05 12 23 00-0665 0.12" Wall Thickness</b> (05 12 23 00-0652)		
05 12 23 00-0666 LF 1" x 1" x 0.12" Square Steel Tubing .....	8.11	2.16
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.55	
For >500 To 1,000, Deduct	-0.82	
For >1,000, Deduct	-1.10	
For 304 Stainless Steel, Add	14.91	
For 316 Stainless Steel, Add	16.74	
For Aluminum, Add	0.94	
For Galvanized Steel, Add	3.24	
05 12 23 00-0667 LF 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing .....	10.44	2.77
For >100 To 250, Deduct	-0.45	
For >250 To 500, Deduct	-0.71	
For >500 To 1,000, Deduct	-1.06	
For >1,000, Deduct	-1.41	
For 304 Stainless Steel, Add	19.24	
For 316 Stainless Steel, Add	21.60	
For Aluminum, Add	1.22	
For Galvanized Steel, Add	4.19	
05 12 23 00-0668 LF 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing .....	12.81	3.38
For >100 To 250, Deduct	-0.55	
For >250 To 500, Deduct	-0.87	
For >500 To 1,000, Deduct	-1.30	
For >1,000, Deduct	-1.73	
For 304 Stainless Steel, Add	23.66	
For 316 Stainless Steel, Add	26.56	
For Aluminum, Add	1.49	
For Galvanized Steel, Add	5.15	
05 12 23 00-0669 LF 2" x 2" x 0.12" Square Steel Tubing .....	17.35	4.61
For >100 To 250, Deduct	-0.74	
For >250 To 500, Deduct	-1.18	
For >500 To 1,000, Deduct	-1.76	
For >1,000, Deduct	-2.35	
For 304 Stainless Steel, Add	31.92	
For 316 Stainless Steel, Add	35.84	
For Aluminum, Add	2.02	
For Galvanized Steel, Add	6.94	
<b>05 12 23 00-0670 1/8" Wall Thickness</b> (05 12 23 00-0652)		
05 12 23 00-0671 LF 2" x 2" x 1/8" Square Steel Tubing .....	15.73	4.79
For >100 To 250, Deduct	-0.71	
For >250 To 500, Deduct	-1.11	
For >500 To 1,000, Deduct	-1.66	
For >1,000, Deduct	-2.21	
For 304 Stainless Steel, Add	26.62	
For 316 Stainless Steel, Add	29.89	
For Aluminum, Add	1.68	
For Galvanized Steel, Add	5.79	

## 05 Metals

## 05 10 Structural Metal Framing

## 05 12 Structural Steel Framing



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0672	LF		2-1/2" x 2-1/2" x 1/8" Square Steel Tubing.....	20.70	6.07
			<i>For &gt;100 To 250, Deduct</i>	-0.92	
			<i>For &gt;250 To 500, Deduct</i>	-1.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.16	
			<i>For &gt;1,000, Deduct</i>	-2.88	
			<i>For 304 Stainless Steel, Add</i>	35.94	
			<i>For 316 Stainless Steel, Add</i>	40.35	
			<i>For Aluminum, Add</i>	2.27	
			<i>For Galvanized Steel, Add</i>	7.82	
05 12 23 00-0673	LF		3" x 3" x 1/8" Square Steel Tubing.....	24.29	7.34
			<i>For &gt;100 To 250, Deduct</i>	-1.10	
			<i>For &gt;250 To 500, Deduct</i>	-1.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.56	
			<i>For &gt;1,000, Deduct</i>	-3.41	
			<i>For 304 Stainless Steel, Add</i>	41.33	
			<i>For 316 Stainless Steel, Add</i>	46.40	
			<i>For Aluminum, Add</i>	2.61	
			<i>For Galvanized Steel, Add</i>	8.99	
05 12 23 00-0674	LF		3-1/2" x 3-1/2" x 1/8" Square Steel Tubing.....	28.16	8.62
			<i>For &gt;100 To 250, Deduct</i>	-1.28	
			<i>For &gt;250 To 500, Deduct</i>	-1.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.97	
			<i>For &gt;1,000, Deduct</i>	-3.97	
			<i>For 304 Stainless Steel, Add</i>	47.51	
			<i>For 316 Stainless Steel, Add</i>	53.34	
			<i>For Aluminum, Add</i>	3.00	
			<i>For Galvanized Steel, Add</i>	10.34	
05 12 23 00-0675	LF		4" x 4" x 1/8" Square Steel Tubing.....	31.10	9.90
			<i>For &gt;100 To 250, Deduct</i>	-1.44	
			<i>For &gt;250 To 500, Deduct</i>	-2.22	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.32	
			<i>For &gt;1,000, Deduct</i>	-4.43	
			<i>For 304 Stainless Steel, Add</i>	51.02	
			<i>For 316 Stainless Steel, Add</i>	57.28	
			<i>For Aluminum, Add</i>	3.22	
			<i>For Galvanized Steel, Add</i>	11.10	
05 12 23 00-0676			3/16" Wall Thickness (05 12 23 00-0652)		
05 12 23 00-0677	LF		2" x 2" x 3/16" Square Steel Tubing.....	17.82	5.40
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.88	
			<i>For &gt;1,000, Deduct</i>	-2.50	
			<i>For 304 Stainless Steel, Add</i>	30.27	
			<i>For 316 Stainless Steel, Add</i>	33.98	
			<i>For Aluminum, Add</i>	1.91	
			<i>For Galvanized Steel, Add</i>	6.58	
05 12 23 00-0678	LF		2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	23.08	6.99
			<i>For &gt;100 To 250, Deduct</i>	-1.04	
			<i>For &gt;250 To 500, Deduct</i>	-1.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.43	
			<i>For &gt;1,000, Deduct</i>	-3.24	
			<i>For 304 Stainless Steel, Add</i>	39.19	
			<i>For 316 Stainless Steel, Add</i>	44.00	
			<i>For Aluminum, Add</i>	2.48	
			<i>For Galvanized Steel, Add</i>	8.53	
05 12 23 00-0679	LF		3" x 3" x 3/16" Square Steel Tubing.....	28.36	8.59
			<i>For &gt;100 To 250, Deduct</i>	-1.28	
			<i>For &gt;250 To 500, Deduct</i>	-1.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.99	
			<i>For &gt;1,000, Deduct</i>	-3.98	
			<i>For 304 Stainless Steel, Add</i>	48.17	
			<i>For 316 Stainless Steel, Add</i>	54.08	
			<i>For Aluminum, Add</i>	3.04	
			<i>For Galvanized Steel, Add</i>	10.48	
05 12 23 00-0680	LF		3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	33.63	10.19
			<i>For &gt;100 To 250, Deduct</i>	-1.52	
			<i>For &gt;250 To 500, Deduct</i>	-2.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.54	
			<i>For &gt;1,000, Deduct</i>	-4.72	
			<i>For 304 Stainless Steel, Add</i>	57.11	
			<i>For 316 Stainless Steel, Add</i>	64.13	
			<i>For Aluminum, Add</i>	3.61	
			<i>For Galvanized Steel, Add</i>	12.42	
05 12 23 00-0681	LF		4" x 4" x 3/16" Square Steel Tubing.....	38.87	11.78
			<i>For &gt;100 To 250, Deduct</i>	-1.76	
			<i>For &gt;250 To 500, Deduct</i>	-2.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.09	
			<i>For &gt;1,000, Deduct</i>	-5.46	
			<i>For 304 Stainless Steel, Add</i>	66.03	
			<i>For 316 Stainless Steel, Add</i>	74.14	
			<i>For Aluminum, Add</i>	4.17	
			<i>For Galvanized Steel, Add</i>	14.37	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0682	LF		4-1/2" x 4-1/2" x 3/16" Square Steel Tubing .....	44.15	13.38
			<i>For &gt;100 To 250, Deduct</i>	-2.00	
			<i>For &gt;250 To 500, Deduct</i>	-3.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.65	
			<i>For &gt;1,000, Deduct</i>	-6.20	
			<i>For 304 Stainless Steel, Add</i>	74.98	
			<i>For 316 Stainless Steel, Add</i>	84.19	
			<i>For Aluminum, Add</i>	4.74	
			<i>For Galvanized Steel, Add</i>	16.31	
05 12 23 00-0683	LF		5" x 5" x 3/16" Square Steel Tubing .....	49.40	14.97
			<i>For &gt;100 To 250, Deduct</i>	-2.23	
			<i>For &gt;250 To 500, Deduct</i>	-3.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.20	
			<i>For &gt;1,000, Deduct</i>	-6.94	
			<i>For 304 Stainless Steel, Add</i>	83.90	
			<i>For 316 Stainless Steel, Add</i>	94.21	
			<i>For Aluminum, Add</i>	5.30	
			<i>For Galvanized Steel, Add</i>	18.25	
05 12 23 00-0684	LF		6" x 6" x 3/16" Square Steel Tubing .....	59.96	18.17
			<i>For &gt;100 To 250, Deduct</i>	-2.71	
			<i>For &gt;250 To 500, Deduct</i>	-4.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.31	
			<i>For &gt;1,000, Deduct</i>	-8.42	
			<i>For 304 Stainless Steel, Add</i>	101.83	
			<i>For 316 Stainless Steel, Add</i>	114.34	
			<i>For Aluminum, Add</i>	6.43	
			<i>For Galvanized Steel, Add</i>	22.15	
<b>05 12 23 00-0685</b>			<b>1/4" Wall Thickness</b> <small>(05 12 23 00-0682)</small>		
05 12 23 00-0686	LF		2" x 2" x 1/4" Square Steel Tubing .....	18.95	5.41
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.31	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.96	
			<i>For &gt;1,000, Deduct</i>	-2.62	
			<i>For 304 Stainless Steel, Add</i>	33.46	
			<i>For 316 Stainless Steel, Add</i>	37.57	
			<i>For Aluminum, Add</i>	2.11	
			<i>For Galvanized Steel, Add</i>	7.28	
05 12 23 00-0687	LF		2-1/2" x 2-1/2" x 1/4" Square Steel Tubing .....	24.92	7.11
			<i>For &gt;100 To 250, Deduct</i>	-1.10	
			<i>For &gt;250 To 500, Deduct</i>	-1.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.58	
			<i>For &gt;1,000, Deduct</i>	-3.44	
			<i>For 304 Stainless Steel, Add</i>	43.98	
			<i>For 316 Stainless Steel, Add</i>	49.38	
			<i>For Aluminum, Add</i>	2.78	
			<i>For Galvanized Steel, Add</i>	9.57	
05 12 23 00-0688	LF		3" x 3" x 1/4" Square Steel Tubing .....	30.87	8.81
			<i>For &gt;100 To 250, Deduct</i>	-1.36	
			<i>For &gt;250 To 500, Deduct</i>	-2.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.20	
			<i>For &gt;1,000, Deduct</i>	-4.26	
			<i>For 304 Stainless Steel, Add</i>	54.49	
			<i>For 316 Stainless Steel, Add</i>	61.18	
			<i>For Aluminum, Add</i>	3.44	
			<i>For Galvanized Steel, Add</i>	11.85	
05 12 23 00-0689	LF		3-1/2" x 3-1/2" x 1/4" Square Steel Tubing .....	36.83	10.51
			<i>For &gt;100 To 250, Deduct</i>	-1.62	
			<i>For &gt;250 To 500, Deduct</i>	-2.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.81	
			<i>For &gt;1,000, Deduct</i>	-5.09	
			<i>For 304 Stainless Steel, Add</i>	65.01	
			<i>For 316 Stainless Steel, Add</i>	72.99	
			<i>For Aluminum, Add</i>	4.11	
			<i>For Galvanized Steel, Add</i>	14.14	
05 12 23 00-0690	LF		4" x 4" x 1/4" Square Steel Tubing .....	42.79	12.21
			<i>For &gt;100 To 250, Deduct</i>	-1.88	
			<i>For &gt;250 To 500, Deduct</i>	-2.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.43	
			<i>For &gt;1,000, Deduct</i>	-5.91	
			<i>For 304 Stainless Steel, Add</i>	75.53	
			<i>For 316 Stainless Steel, Add</i>	84.80	
			<i>For Aluminum, Add</i>	4.77	
			<i>For Galvanized Steel, Add</i>	16.43	
05 12 23 00-0691	LF		4-1/2" x 4-1/2" x 1/4" Square Steel Tubing .....	48.74	13.91
			<i>For &gt;100 To 250, Deduct</i>	-2.15	
			<i>For &gt;250 To 500, Deduct</i>	-3.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.05	
			<i>For &gt;1,000, Deduct</i>	-6.73	
			<i>For 304 Stainless Steel, Add</i>	86.04	
			<i>For 316 Stainless Steel, Add</i>	96.61	
			<i>For Aluminum, Add</i>	5.43	
			<i>For Galvanized Steel, Add</i>	18.72	

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0692	LF		5" x 5" x 1/4" Square Steel Tubing.....	54.74	15.62
			<i>For &gt;100 To 250, Deduct</i>	-2.41	
			<i>For &gt;250 To 500, Deduct</i>	-3.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.67	
			<i>For &gt;1,000, Deduct</i>	-7.56	
			<i>For 304 Stainless Steel, Add</i>	96.62	
			<i>For 316 Stainless Steel, Add</i>	108.48	
			<i>For Aluminum, Add</i>	6.10	
			<i>For Galvanized Steel, Add</i>	21.02	
05 12 23 00-0693	LF		6" x 6" x 1/4" Square Steel Tubing.....	66.65	19.02
			<i>For &gt;100 To 250, Deduct</i>	-2.93	
			<i>For &gt;250 To 500, Deduct</i>	-4.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.90	
			<i>For &gt;1,000, Deduct</i>	-9.20	
			<i>For 304 Stainless Steel, Add</i>	117.65	
			<i>For 316 Stainless Steel, Add</i>	132.10	
			<i>For Aluminum, Add</i>	7.43	
			<i>For Galvanized Steel, Add</i>	25.59	
05 12 23 00-0694			Rectangular Steel Tubing (05 12 23 00-0651)		
05 12 23 00-0695			3/16" Wall Thickness (05 12 23 00-0694)		
05 12 23 00-0696	LF		3" x 2" x 3/16" Square Steel Tubing.....	23.08	6.99
			<i>For &gt;100 To 250, Deduct</i>	-1.04	
			<i>For &gt;250 To 500, Deduct</i>	-1.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.43	
			<i>For &gt;1,000, Deduct</i>	-3.24	
			<i>For 304 Stainless Steel, Add</i>	39.19	
			<i>For 316 Stainless Steel, Add</i>	44.00	
			<i>For Aluminum, Add</i>	2.48	
			<i>For Galvanized Steel, Add</i>	8.53	
05 12 23 00-0697	LF		4" x 2" x 3/16" Square Steel Tubing.....	28.36	8.59
			<i>For &gt;100 To 250, Deduct</i>	-1.28	
			<i>For &gt;250 To 500, Deduct</i>	-1.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.99	
			<i>For &gt;1,000, Deduct</i>	-3.98	
			<i>For 304 Stainless Steel, Add</i>	48.17	
			<i>For 316 Stainless Steel, Add</i>	54.08	
			<i>For Aluminum, Add</i>	3.04	
			<i>For Galvanized Steel, Add</i>	10.48	
05 12 23 00-0698	LF		4" x 3" x 3/16" Square Steel Tubing.....	33.63	10.19
			<i>For &gt;100 To 250, Deduct</i>	-1.52	
			<i>For &gt;250 To 500, Deduct</i>	-2.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.54	
			<i>For &gt;1,000, Deduct</i>	-4.72	
			<i>For 304 Stainless Steel, Add</i>	57.11	
			<i>For 316 Stainless Steel, Add</i>	64.13	
			<i>For Aluminum, Add</i>	3.61	
			<i>For Galvanized Steel, Add</i>	12.42	
05 12 23 00-0699	LF		5" x 2" x 3/16" Square Steel Tubing.....	33.63	10.19
			<i>For &gt;100 To 250, Deduct</i>	-1.52	
			<i>For &gt;250 To 500, Deduct</i>	-2.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.54	
			<i>For &gt;1,000, Deduct</i>	-4.72	
			<i>For 304 Stainless Steel, Add</i>	57.11	
			<i>For 316 Stainless Steel, Add</i>	64.13	
			<i>For Aluminum, Add</i>	3.61	
			<i>For Galvanized Steel, Add</i>	12.42	
05 12 23 00-0700	LF		5" x 3" x 3/16" Square Steel Tubing.....	38.87	11.78
			<i>For &gt;100 To 250, Deduct</i>	-1.76	
			<i>For &gt;250 To 500, Deduct</i>	-2.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.09	
			<i>For &gt;1,000, Deduct</i>	-5.46	
			<i>For 304 Stainless Steel, Add</i>	66.03	
			<i>For 316 Stainless Steel, Add</i>	74.14	
			<i>For Aluminum, Add</i>	4.17	
			<i>For Galvanized Steel, Add</i>	14.37	
05 12 23 00-0701	LF		5" x 4" x 3/16" Square Steel Tubing.....	44.15	13.38
			<i>For &gt;100 To 250, Deduct</i>	-2.00	
			<i>For &gt;250 To 500, Deduct</i>	-3.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.65	
			<i>For &gt;1,000, Deduct</i>	-6.20	
			<i>For 304 Stainless Steel, Add</i>	74.98	
			<i>For 316 Stainless Steel, Add</i>	84.19	
			<i>For Aluminum, Add</i>	4.74	
			<i>For Galvanized Steel, Add</i>	16.31	
05 12 23 00-0702	LF		6" x 2" x 3/16" Square Steel Tubing.....	38.87	11.78
			<i>For &gt;100 To 250, Deduct</i>	-1.76	
			<i>For &gt;250 To 500, Deduct</i>	-2.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.09	
			<i>For &gt;1,000, Deduct</i>	-5.46	
			<i>For 304 Stainless Steel, Add</i>	66.03	
			<i>For 316 Stainless Steel, Add</i>	74.14	
			<i>For Aluminum, Add</i>	4.17	
			<i>For Galvanized Steel, Add</i>	14.37	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0703	LF		6" x 3" x 3/16" Square Steel Tubing.....	44.15	13.38
			<i>For &gt;100 To 250, Deduct</i>	-2.00	
			<i>For &gt;250 To 500, Deduct</i>	-3.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.65	
			<i>For &gt;1,000, Deduct</i>	-6.20	
			<i>For 304 Stainless Steel, Add</i>	74.98	
			<i>For 316 Stainless Steel, Add</i>	84.19	
			<i>For Aluminum, Add</i>	4.74	
			<i>For Galvanized Steel, Add</i>	16.31	
05 12 23 00-0704	LF		6" x 4" x 3/16" Square Steel Tubing.....	49.40	14.97
			<i>For &gt;100 To 250, Deduct</i>	-2.23	
			<i>For &gt;250 To 500, Deduct</i>	-3.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.20	
			<i>For &gt;1,000, Deduct</i>	-6.94	
			<i>For 304 Stainless Steel, Add</i>	83.90	
			<i>For 316 Stainless Steel, Add</i>	94.21	
			<i>For Aluminum, Add</i>	5.30	
			<i>For Galvanized Steel, Add</i>	18.25	
05 12 23 00-0705			<b>1/4" Wall Thickness</b> (05 12 23 00-0694)		
05 12 23 00-0706	LF		3" x 2" x 1/4" Square Steel Tubing.....	24.92	7.11
			<i>For &gt;100 To 250, Deduct</i>	-1.10	
			<i>For &gt;250 To 500, Deduct</i>	-1.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.58	
			<i>For &gt;1,000, Deduct</i>	-3.44	
			<i>For 304 Stainless Steel, Add</i>	43.98	
			<i>For 316 Stainless Steel, Add</i>	49.38	
			<i>For Aluminum, Add</i>	2.78	
			<i>For Galvanized Steel, Add</i>	9.57	
05 12 23 00-0707	LF		4" x 2" x 1/4" Square Steel Tubing.....	30.87	8.81
			<i>For &gt;100 To 250, Deduct</i>	-1.36	
			<i>For &gt;250 To 500, Deduct</i>	-2.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.20	
			<i>For &gt;1,000, Deduct</i>	-4.26	
			<i>For 304 Stainless Steel, Add</i>	54.49	
			<i>For 316 Stainless Steel, Add</i>	61.18	
			<i>For Aluminum, Add</i>	3.44	
			<i>For Galvanized Steel, Add</i>	11.85	
05 12 23 00-0708	LF		4" x 3" x 1/4" Square Steel Tubing.....	36.83	10.51
			<i>For &gt;100 To 250, Deduct</i>	-1.62	
			<i>For &gt;250 To 500, Deduct</i>	-2.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.81	
			<i>For &gt;1,000, Deduct</i>	-5.09	
			<i>For 304 Stainless Steel, Add</i>	65.01	
			<i>For 316 Stainless Steel, Add</i>	72.99	
			<i>For Aluminum, Add</i>	4.11	
			<i>For Galvanized Steel, Add</i>	14.14	
05 12 23 00-0709	LF		5" x 2" x 1/4" Square Steel Tubing.....	36.83	10.51
			<i>For &gt;100 To 250, Deduct</i>	-1.62	
			<i>For &gt;250 To 500, Deduct</i>	-2.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.81	
			<i>For &gt;1,000, Deduct</i>	-5.09	
			<i>For 304 Stainless Steel, Add</i>	65.01	
			<i>For 316 Stainless Steel, Add</i>	72.99	
			<i>For Aluminum, Add</i>	4.11	
			<i>For Galvanized Steel, Add</i>	14.14	
05 12 23 00-0710	LF		5" x 3" x 1/4" Square Steel Tubing.....	42.79	12.21
			<i>For &gt;100 To 250, Deduct</i>	-1.88	
			<i>For &gt;250 To 500, Deduct</i>	-2.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.43	
			<i>For &gt;1,000, Deduct</i>	-5.91	
			<i>For 304 Stainless Steel, Add</i>	75.53	
			<i>For 316 Stainless Steel, Add</i>	84.80	
			<i>For Aluminum, Add</i>	4.77	
			<i>For Galvanized Steel, Add</i>	16.43	
05 12 23 00-0711	LF		5" x 4" x 1/4" Square Steel Tubing.....	48.74	13.91
			<i>For &gt;100 To 250, Deduct</i>	-2.15	
			<i>For &gt;250 To 500, Deduct</i>	-3.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.05	
			<i>For &gt;1,000, Deduct</i>	-6.73	
			<i>For 304 Stainless Steel, Add</i>	86.04	
			<i>For 316 Stainless Steel, Add</i>	96.61	
			<i>For Aluminum, Add</i>	5.43	
			<i>For Galvanized Steel, Add</i>	18.72	
05 12 23 00-0712	LF		6" x 2" x 1/4" Square Steel Tubing.....	42.79	12.21
			<i>For &gt;100 To 250, Deduct</i>	-1.88	
			<i>For &gt;250 To 500, Deduct</i>	-2.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.43	
			<i>For &gt;1,000, Deduct</i>	-5.91	
			<i>For 304 Stainless Steel, Add</i>	75.53	
			<i>For 316 Stainless Steel, Add</i>	84.80	
			<i>For Aluminum, Add</i>	4.77	
			<i>For Galvanized Steel, Add</i>	16.43	



**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0713	LF		6" x 3" x 1/4" Square Steel Tubing.....	48.74	13.91
			<i>For &gt;100 To 250, Deduct</i>	-2.15	
			<i>For &gt;250 To 500, Deduct</i>	-3.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.05	
			<i>For &gt;1,000, Deduct</i>	-6.73	
			<i>For 304 Stainless Steel, Add</i>	86.04	
			<i>For 316 Stainless Steel, Add</i>	96.61	
			<i>For Aluminum, Add</i>	5.43	
			<i>For Galvanized Steel, Add</i>	18.72	
05 12 23 00-0714	LF		6" x 4" x 1/4" Square Steel Tubing.....	54.74	15.62
			<i>For &gt;100 To 250, Deduct</i>	-2.41	
			<i>For &gt;250 To 500, Deduct</i>	-3.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.67	
			<i>For &gt;1,000, Deduct</i>	-7.56	
			<i>For 304 Stainless Steel, Add</i>	96.62	
			<i>For 316 Stainless Steel, Add</i>	108.48	
			<i>For Aluminum, Add</i>	6.10	
			<i>For Galvanized Steel, Add</i>	21.02	
05 12 23 00-0715			Round Steel Tubing (05 12 23 00-0651)		
05 12 23 00-0716			0.065" Wall Thickness (05 12 23 00-0715)		
05 12 23 00-0717	LF		1" Diameter x 0.065" Round Steel Tubing .....	5.03	1.30
			<i>For &gt;100 To 250, Deduct</i>	-0.21	
			<i>For &gt;250 To 500, Deduct</i>	-0.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.51	
			<i>For &gt;1,000, Deduct</i>	-0.68	
			<i>For 304 Stainless Steel, Add</i>	9.41	
			<i>For 316 Stainless Steel, Add</i>	10.56	
			<i>For Aluminum, Add</i>	0.59	
			<i>For Galvanized Steel, Add</i>	2.05	
05 12 23 00-0718	LF		1-1/4" Diameter x 0.065" Round Steel Tubing .....	6.37	1.65
			<i>For &gt;100 To 250, Deduct</i>	-0.27	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.64	
			<i>For &gt;1,000, Deduct</i>	-0.86	
			<i>For 304 Stainless Steel, Add</i>	11.91	
			<i>For 316 Stainless Steel, Add</i>	13.38	
			<i>For Aluminum, Add</i>	0.75	
			<i>For Galvanized Steel, Add</i>	2.59	
05 12 23 00-0719	LF		1-1/2" Diameter x 0.065" Round Steel Tubing .....	7.72	1.99
			<i>For &gt;100 To 250, Deduct</i>	-0.33	
			<i>For &gt;250 To 500, Deduct</i>	-0.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.78	
			<i>For &gt;1,000, Deduct</i>	-1.04	
			<i>For 304 Stainless Steel, Add</i>	14.42	
			<i>For 316 Stainless Steel, Add</i>	16.19	
			<i>For Aluminum, Add</i>	0.91	
			<i>For Galvanized Steel, Add</i>	3.14	
05 12 23 00-0720	LF		2" Diameter x 0.065" Round Steel Tubing .....	10.41	2.69
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.05	
			<i>For &gt;1,000, Deduct</i>	-1.40	
			<i>For 304 Stainless Steel, Add</i>	19.47	
			<i>For 316 Stainless Steel, Add</i>	21.86	
			<i>For Aluminum, Add</i>	1.23	
			<i>For Galvanized Steel, Add</i>	4.23	
05 12 23 00-0721	LF		2-1/2" Diameter x 0.065" Round Steel Tubing .....	13.10	3.38
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-0.88	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.32	
			<i>For &gt;1,000, Deduct</i>	-1.76	
			<i>For 304 Stainless Steel, Add</i>	24.48	
			<i>For 316 Stainless Steel, Add</i>	27.49	
			<i>For Aluminum, Add</i>	1.55	
			<i>For Galvanized Steel, Add</i>	5.33	
05 12 23 00-0722	LF		3" Diameter x 0.065" Round Steel Tubing .....	15.79	4.07
			<i>For &gt;100 To 250, Deduct</i>	-0.67	
			<i>For &gt;250 To 500, Deduct</i>	-1.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.59	
			<i>For &gt;1,000, Deduct</i>	-2.12	
			<i>For 304 Stainless Steel, Add</i>	29.53	
			<i>For 316 Stainless Steel, Add</i>	33.15	
			<i>For Aluminum, Add</i>	1.86	
			<i>For Galvanized Steel, Add</i>	6.42	
05 12 23 00-0723	LF		3-1/2" Diameter x 0.065" Round Steel Tubing .....	18.49	4.77
			<i>For &gt;100 To 250, Deduct</i>	-0.78	
			<i>For &gt;250 To 500, Deduct</i>	-1.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.86	
			<i>For &gt;1,000, Deduct</i>	-2.49	
			<i>For 304 Stainless Steel, Add</i>	34.57	
			<i>For 316 Stainless Steel, Add</i>	38.82	
			<i>For Aluminum, Add</i>	2.18	
			<i>For Galvanized Steel, Add</i>	7.52	



	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Structural Steel Framing	05 12

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0724	LF		4" Diameter x 0.065" Round Steel Tubing .....	21.18	5.46
			<i>For &gt;100 To 250, Deduct</i>	-0.89	
			<i>For &gt;250 To 500, Deduct</i>	-1.42	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.14	
			<i>For &gt;1,000, Deduct</i>	-2.85	
			<i>For 304 Stainless Steel, Add</i>	39.59	
			<i>For 316 Stainless Steel, Add</i>	44.45	
			<i>For Aluminum, Add</i>	2.50	
			<i>For Galvanized Steel, Add</i>	8.61	
05 12 23 00-0725			<b>0.083" Wall Thickness</b> (05 12 23 00-0715)		
05 12 23 00-0726	LF		1" Diameter x 0.083" Round Steel Tubing .....	5.47	1.42
			<i>For &gt;100 To 250, Deduct</i>	-0.23	
			<i>For &gt;250 To 500, Deduct</i>	-0.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.55	
			<i>For &gt;1,000, Deduct</i>	-0.74	
			<i>For 304 Stainless Steel, Add</i>	10.17	
			<i>For 316 Stainless Steel, Add</i>	11.42	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.21	
05 12 23 00-0727	LF		1-1/4" Diameter x 0.083" Round Steel Tubing .....	6.95	1.81
			<i>For &gt;100 To 250, Deduct</i>	-0.29	
			<i>For &gt;250 To 500, Deduct</i>	-0.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.70	
			<i>For &gt;1,000, Deduct</i>	-0.94	
			<i>For 304 Stainless Steel, Add</i>	12.94	
			<i>For 316 Stainless Steel, Add</i>	14.53	
			<i>For Aluminum, Add</i>	0.82	
			<i>For Galvanized Steel, Add</i>	2.81	
05 12 23 00-0728	LF		1-1/2" Diameter x 0.083" Round Steel Tubing .....	8.45	2.20
			<i>For &gt;100 To 250, Deduct</i>	-0.36	
			<i>For &gt;250 To 500, Deduct</i>	-0.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.85	
			<i>For &gt;1,000, Deduct</i>	-1.14	
			<i>For 304 Stainless Steel, Add</i>	15.73	
			<i>For 316 Stainless Steel, Add</i>	17.66	
			<i>For Aluminum, Add</i>	0.99	
			<i>For Galvanized Steel, Add</i>	3.42	
05 12 23 00-0729	LF		2" Diameter x 0.083" Round Steel Tubing .....	11.42	2.98
			<i>For &gt;100 To 250, Deduct</i>	-0.48	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.15	
			<i>For &gt;1,000, Deduct</i>	-1.54	
			<i>For 304 Stainless Steel, Add</i>	21.26	
			<i>For 316 Stainless Steel, Add</i>	23.87	
			<i>For Aluminum, Add</i>	1.34	
			<i>For Galvanized Steel, Add</i>	4.63	
05 12 23 00-0730	LF		2-1/2" Diameter x 0.083" Round Steel Tubing .....	14.41	3.75
			<i>For &gt;100 To 250, Deduct</i>	-0.61	
			<i>For &gt;250 To 500, Deduct</i>	-0.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.46	
			<i>For &gt;1,000, Deduct</i>	-1.94	
			<i>For 304 Stainless Steel, Add</i>	26.82	
			<i>For 316 Stainless Steel, Add</i>	30.11	
			<i>For Aluminum, Add</i>	1.69	
			<i>For Galvanized Steel, Add</i>	5.83	
05 12 23 00-0731	LF		3" Diameter x 0.083" Round Steel Tubing .....	17.40	4.53
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-1.17	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.76	
			<i>For &gt;1,000, Deduct</i>	-2.34	
			<i>For 304 Stainless Steel, Add</i>	32.38	
			<i>For 316 Stainless Steel, Add</i>	36.35	
			<i>For Aluminum, Add</i>	2.04	
			<i>For Galvanized Steel, Add</i>	7.04	
05 12 23 00-0732	LF		3-1/2" Diameter x 0.083" Round Steel Tubing .....	20.37	5.30
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.06	
			<i>For &gt;1,000, Deduct</i>	-2.74	
			<i>For 304 Stainless Steel, Add</i>	37.91	
			<i>For 316 Stainless Steel, Add</i>	42.56	
			<i>For Aluminum, Add</i>	2.39	
			<i>For Galvanized Steel, Add</i>	8.25	
05 12 23 00-0733	LF		4" Diameter x 0.083" Round Steel Tubing .....	23.36	6.08
			<i>For &gt;100 To 250, Deduct</i>	-0.99	
			<i>For &gt;250 To 500, Deduct</i>	-1.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-2.36	
			<i>For &gt;1,000, Deduct</i>	-3.15	
			<i>For 304 Stainless Steel, Add</i>	43.46	
			<i>For 316 Stainless Steel, Add</i>	48.80	
			<i>For Aluminum, Add</i>	2.75	
			<i>For Galvanized Steel, Add</i>	9.46	

<b>05</b>	<b>05 Metals</b>
	<b>05 10 Structural Metal Framing</b>
	<b>05 12 Structural Steel Framing</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
<b>05 12 23 00-0734</b>	<b>0.125" Wall Thickness</b> <small>(05 12 23 00-0715)</small>		
05 12 23 00-0735	LF 2" Diameter x 0.125" Round Steel Tubing .....12.33		3.75
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-0.87	
	For >500 To 1,000, Deduct	-1.30	
	For >1,000, Deduct	-1.73	
	For 304 Stainless Steel, Add	20.86	
	For 316 Stainless Steel, Add	23.42	
	For Aluminum, Add	1.32	
	For Galvanized Steel, Add	4.54	
05 12 23 00-0736	LF 2-1/2" Diameter x 0.125" Round Steel Tubing .....15.63		4.76
	For >100 To 250, Deduct	-0.71	
	For >250 To 500, Deduct	-1.10	
	For >500 To 1,000, Deduct	-1.65	
	For >1,000, Deduct	-2.20	
	For 304 Stainless Steel, Add	26.45	
	For 316 Stainless Steel, Add	29.70	
	For Aluminum, Add	1.67	
	For Galvanized Steel, Add	5.75	
05 12 23 00-0737	LF 3" Diameter x 0.125" Round Steel Tubing .....18.91		5.76
	For >100 To 250, Deduct	-0.86	
	For >250 To 500, Deduct	-1.33	
	For >500 To 1,000, Deduct	-1.99	
	For >1,000, Deduct	-2.66	
	For 304 Stainless Steel, Add	32.01	
	For 316 Stainless Steel, Add	35.94	
	For Aluminum, Add	2.02	
	For Galvanized Steel, Add	6.96	
05 12 23 00-0738	LF 3-1/2" Diameter x 0.125" Round Steel Tubing .....22.19		6.76
	For >100 To 250, Deduct	-1.01	
	For >250 To 500, Deduct	-1.56	
	For >500 To 1,000, Deduct	-2.34	
	For >1,000, Deduct	-3.12	
	For 304 Stainless Steel, Add	37.56	
	For 316 Stainless Steel, Add	42.18	
	For Aluminum, Add	2.37	
	For Galvanized Steel, Add	8.17	
05 12 23 00-0739	LF 4" Diameter x 0.125" Round Steel Tubing .....25.49		7.77
	For >100 To 250, Deduct	-1.15	
	For >250 To 500, Deduct	-1.79	
	For >500 To 1,000, Deduct	-2.69	
	For >1,000, Deduct	-3.58	
	For 304 Stainless Steel, Add	43.15	
	For 316 Stainless Steel, Add	48.45	
	For Aluminum, Add	2.73	
	For Galvanized Steel, Add	9.39	
<b>05 12 23 00-0740</b>	<b>Flat Steel Bar</b> <small>(05 12 23 00-0392)</small>		
<b>05 12 23 00-0741</b>	<b>1/8" Thick</b> <small>(05 12 23 00-0740)</small>		
05 12 23 00-0742	LF 1/8" Thick x 1" Wide Flat Steel Bar .....3.89		1.87
	For 304 Stainless Steel, Add	3.11	
	For 316 Stainless Steel, Add	3.49	
	For Aluminum, Add	0.20	
	For Galvanized Steel, Add	0.68	
05 12 23 00-0743	LF 1/8" Thick x 2" Wide Flat Steel Bar .....6.02		2.80
	For 304 Stainless Steel, Add	5.16	
	For 316 Stainless Steel, Add	5.79	
	For Aluminum, Add	0.33	
	For Galvanized Steel, Add	1.12	
05 12 23 00-0744	LF 1/8" Thick x 4" Wide Flat Steel Bar .....9.22		3.94
	For 304 Stainless Steel, Add	9.38	
	For 316 Stainless Steel, Add	10.53	
	For Aluminum, Add	0.59	
	For Galvanized Steel, Add	2.04	
05 12 23 00-0745	LF 1/8" Thick x 6" Wide Flat Steel Bar .....12.50		5.36
	For 304 Stainless Steel, Add	12.68	
	For 316 Stainless Steel, Add	14.24	
	For Aluminum, Add	0.80	
	For Galvanized Steel, Add	2.76	
<b>05 12 23 00-0746</b>	<b>3/16" Thick</b> <small>(05 12 23 00-0740)</small>		
05 12 23 00-0747	LF 3/16" Thick x 1" Wide Flat Steel Bar .....5.14		2.32
	For 304 Stainless Steel, Add	4.73	
	For 316 Stainless Steel, Add	5.31	
	For Aluminum, Add	0.30	
	For Galvanized Steel, Add	1.03	
05 12 23 00-0748	LF 3/16" Thick x 2" Wide Flat Steel Bar .....8.09		3.48
	For 304 Stainless Steel, Add	8.15	
	For 316 Stainless Steel, Add	9.15	
	For Aluminum, Add	0.51	
	For Galvanized Steel, Add	1.77	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0749 LF 3/16" Thick x 4" Wide Flat Steel Bar .....	10.84	4.00
For 304 Stainless Steel, Add	13.77	
For 316 Stainless Steel, Add	15.46	
For Aluminum, Add	0.87	
For Galvanized Steel, Add	2.99	
05 12 23 00-0750 LF 3/16" Thick x 6" Wide Flat Steel Bar .....	14.99	5.55
For 304 Stainless Steel, Add	19.01	
For 316 Stainless Steel, Add	21.34	
For Aluminum, Add	1.20	
For Galvanized Steel, Add	4.14	
<b>05 12 23 00-0751 1/4" Thick</b> <small>(05 12 23 00-0740)</small>		
05 12 23 00-0752 LF 1/4" Thick x 1" Wide Flat Steel Bar .....	5.32	2.45
For 304 Stainless Steel, Add	4.67	
For 316 Stainless Steel, Add	5.25	
For Aluminum, Add	0.30	
For Galvanized Steel, Add	1.02	
05 12 23 00-0753 LF 1/4" Thick x 2" Wide Flat Steel Bar .....	8.83	3.68
For 304 Stainless Steel, Add	9.43	
For 316 Stainless Steel, Add	10.59	
For Aluminum, Add	0.60	
For Galvanized Steel, Add	2.05	
05 12 23 00-0754 LF 1/4" Thick x 4" Wide Flat Steel Bar .....	12.72	4.21
For 304 Stainless Steel, Add	18.27	
For 316 Stainless Steel, Add	20.51	
For Aluminum, Add	1.15	
For Galvanized Steel, Add	3.97	
05 12 23 00-0755 LF 1/4" Thick x 6" Wide Flat Steel Bar .....	18.43	6.22
For 304 Stainless Steel, Add	25.91	
For 316 Stainless Steel, Add	29.09	
For Aluminum, Add	1.64	
For Galvanized Steel, Add	5.64	
<b>05 12 23 00-0756 3/8" Thick</b> <small>(05 12 23 00-0740)</small>		
05 12 23 00-0757 LF 3/8" Thick x 1" Wide Flat Steel Bar .....	6.71	2.76
For 304 Stainless Steel, Add	7.32	
For 316 Stainless Steel, Add	8.22	
For Aluminum, Add	0.46	
For Galvanized Steel, Add	1.59	
05 12 23 00-0758 LF 3/8" Thick x 2" Wide Flat Steel Bar .....	10.96	4.13
For 304 Stainless Steel, Add	13.51	
For 316 Stainless Steel, Add	15.17	
For Aluminum, Add	0.85	
For Galvanized Steel, Add	2.94	
05 12 23 00-0759 LF 3/8" Thick x 4" Wide Flat Steel Bar .....	16.57	4.72
For 304 Stainless Steel, Add	27.02	
For 316 Stainless Steel, Add	30.34	
For Aluminum, Add	1.71	
For Galvanized Steel, Add	5.88	
05 12 23 00-0760 LF 3/8" Thick x 6" Wide Flat Steel Bar .....	23.85	6.99
For 304 Stainless Steel, Add	38.02	
For 316 Stainless Steel, Add	42.69	
For Aluminum, Add	2.40	
For Galvanized Steel, Add	8.27	
<b>05 12 23 00-0761 1/2" Thick</b> <small>(05 12 23 00-0740)</small>		
05 12 23 00-0762 LF 1/2" Thick x 1" Wide Flat Steel Bar .....	7.85	3.03
For 304 Stainless Steel, Add	9.38	
For 316 Stainless Steel, Add	10.53	
For Aluminum, Add	0.59	
For Galvanized Steel, Add	2.04	
05 12 23 00-0763 LF 1/2" Thick x 2" Wide Flat Steel Bar .....	12.89	4.56
For 304 Stainless Steel, Add	17.24	
For 316 Stainless Steel, Add	19.36	
For Aluminum, Add	1.09	
For Galvanized Steel, Add	3.75	
05 12 23 00-0764 LF 1/2" Thick x 4" Wide Flat Steel Bar .....	18.12	5.19
For 304 Stainless Steel, Add	29.38	
For 316 Stainless Steel, Add	32.99	
For Aluminum, Add	1.86	
For Galvanized Steel, Add	6.39	
05 12 23 00-0765 LF 1/2" Thick x 6" Wide Flat Steel Bar .....	32.12	7.70
For 304 Stainless Steel, Add	58.62	
For 316 Stainless Steel, Add	65.82	
For Aluminum, Add	3.70	
For Galvanized Steel, Add	12.75	
<b>05 12 23 00-0766 Flat Steel Plate</b> <small>(05 12 23 00-0392)</small>		

**05 Metals****05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0767	SF		1/8" Thick Flat Steel Plate.....	19.83	8.05
			For 304 Stainless Steel, Add	22.12	
			For 316 Stainless Steel, Add	24.83	
			For Aluminum, Add	1.40	
			For Galvanized Steel, Add	4.81	
05 12 23 00-0768	SF		3/16" Thick Flat Steel Plate.....	22.21	8.32
			For 304 Stainless Steel, Add	27.67	
			For 316 Stainless Steel, Add	31.07	
			For Aluminum, Add	1.75	
			For Galvanized Steel, Add	6.02	
05 12 23 00-0769	SF		1/4" Thick Flat Steel Plate.....	26.38	9.33
			For 304 Stainless Steel, Add	35.28	
			For 316 Stainless Steel, Add	39.62	
			For Aluminum, Add	2.23	
			For Galvanized Steel, Add	7.68	
05 12 23 00-0770	SF		3/8" Thick Flat Steel Plate.....	35.18	10.50
			For 304 Stainless Steel, Add	55.38	
			For 316 Stainless Steel, Add	62.18	
			For Aluminum, Add	3.50	
			For Galvanized Steel, Add	12.05	
05 12 23 00-0771	SF		1/2" Thick Flat Steel Plate.....	41.53	11.54
			For 304 Stainless Steel, Add	69.00	
			For 316 Stainless Steel, Add	77.47	
			For Aluminum, Add	4.36	
			For Galvanized Steel, Add	15.01	
05 12 23 00-0772	SF		3/4" Thick Flat Steel Plate.....	67.06	14.30
			For 304 Stainless Steel, Add	129.39	
			For 316 Stainless Steel, Add	145.28	
			For Aluminum, Add	8.17	
			For Galvanized Steel, Add	28.15	
05 12 23 00-0773	SF		1" Thick Flat Steel Plate.....	89.23	17.87
			For 304 Stainless Steel, Add	177.16	
			For 316 Stainless Steel, Add	198.91	
			For Aluminum, Add	11.19	
			For Galvanized Steel, Add	38.54	

**05 14 Structural Aluminum Framing** (05 10)**05 14 13 Architecturally-Exposed Structural Aluminum Framing** (05 14)**05 14 13 00-0001 Rolled Or Plate Shapes** (05 14 13)

Note: 1" through 10" member.

05 14 13 00-0002	LB	Structural Aluminum, Up To 2,000 Lb. / Order 1" To 10" Rolled / Plate Structural Members.....	9.68	1.00
05 14 13 00-0003	LB	Structural Aluminum, >2,000 - 9,999 Lb. / Order 1" To 10" Rolled / Plate Structural Members .....	8.53	0.93

**05 14 13 00-0004 Aluminum Extrusions** (05 14 13)

05 14 13 00-0005	LB	Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members .....	16.09	4.15
05 14 13 00-0006	LB	Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members.....	17.01	4.15

**05 14 13 00-0007 Aluminum Tubing** (05 14 13)

05 14 13 00-0008	LB	Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members.....	14.66	2.72
05 14 13 00-0009	LF	1" x 1" Aluminum Tubing, 1/8" Wall Thickness .....	13.76	4.45
05 14 13 00-0010	LF	1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness .....	16.48	4.85
05 14 13 00-0011	LF	1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness .....	18.96	5.66
05 14 13 00-0012	LF	2" x 2" Aluminum Tubing, 1/8" Wall Thickness .....	22.36	6.08
05 14 13 00-0013	LF	4" x 4" Aluminum Tubing, 1/4" Wall Thickness .....	62.38	7.70
05 14 13 00-0014	LF	2" x 5" Aluminum Tubing, 1/4" Wall Thickness .....	51.26	6.88

**05 14 13 00-0015 Columns** (05 14 13)

Note: Baked on paint finish, load bearing.

**05 14 13 00-0016 Round Columns** (05 14 13 00-0015)

05 14 13 00-0017	LF	6" Diameter Aluminum Column.....	57.92	8.62
05 14 13 00-0018	LF	8" Diameter Aluminum Column.....	77.02	12.35
05 14 13 00-0019	LF	10" Diameter Aluminum Column.....	93.78	13.90
05 14 13 00-0020	LF	12" Diameter Aluminum Column.....	139.76	14.54
05 14 13 00-0021	LF	15" Diameter Aluminum Column.....	178.11	16.86
05 14 13 00-0022	EA	6" Diameter Aluminum Base And Cap.....	112.13	16.08
05 14 13 00-0023	EA	8" Diameter Aluminum Base And Cap.....	128.18	17.37
05 14 13 00-0024	EA	10" Diameter Aluminum Base And Cap .....	161.44	19.30
05 14 13 00-0025	EA	12" Diameter Aluminum Base And Cap.....	277.21	20.58
05 14 13 00-0026	EA	15" Diameter Aluminum Base And Cap.....	423.18	22.52

**05 14 13 00-0027 Octagonal Columns** (05 14 13 00-0015)

05 14 13 00-0028	LF	6" Diameter Aluminum Column.....	64.20	8.62
05 14 13 00-0029	LF	8" Diameter Aluminum Column.....	87.47	12.35
05 14 13 00-0030	LF	10" Diameter Aluminum Column.....	106.98	13.90
05 14 13 00-0031	LF	12" Diameter Aluminum Column.....	161.92	14.54



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0032 LF 15" Diameter Aluminum Column.....	207.01	16.86
05 14 13 00-0033 EA 6" Diameter Aluminum Base And Cap.....	128.12	16.08
05 14 13 00-0034 EA 8" Diameter Aluminum Base And Cap.....	146.88	17.37
05 14 13 00-0035 EA 10" Diameter Aluminum Base And Cap.....	186.01	19.30
05 14 13 00-0036 EA 12" Diameter Aluminum Base And Cap.....	324.42	20.58
05 14 13 00-0037 EA 15" Diameter Aluminum Base And Cap.....	498.81	22.52
<b>05 14 13 00-0038 Fluted Columns</b> (05 14 13 00-0015)		
05 14 13 00-0039 LF 6" Diameter Aluminum Column.....	71.27	8.62
05 14 13 00-0040 LF 8" Diameter Aluminum Column.....	96.88	12.35
05 14 13 00-0041 LF 10" Diameter Aluminum Column.....	118.85	13.90
05 14 13 00-0042 LF 12" Diameter Aluminum Column.....	181.86	14.54
05 14 13 00-0043 LF 15" Diameter Aluminum Column.....	233.02	16.86
05 14 13 00-0044 EA 6" Diameter Aluminum Base And Cap.....	142.51	16.08
05 14 13 00-0045 EA 8" Diameter Aluminum Base And Cap.....	163.70	17.37
05 14 13 00-0046 EA 10" Diameter Aluminum Base And Cap.....	208.12	19.30
05 14 13 00-0047 EA 12" Diameter Aluminum Base And Cap.....	366.91	20.58
05 14 13 00-0048 EA 15" Diameter Aluminum Base And Cap.....	566.88	22.52
<b>05 14 13 00-0049 Square Columns</b> (05 14 13 00-0015)		
05 14 13 00-0050 LF 6" Aluminum Column.....	76.10	8.62
05 14 13 00-0051 LF 8" Aluminum Column.....	103.31	12.35
05 14 13 00-0052 LF 10" Aluminum Column.....	126.98	13.90
05 14 13 00-0053 LF 12" Aluminum Column.....	195.50	14.54
05 14 13 00-0054 LF 15" Aluminum Column.....	250.81	16.86
05 14 13 00-0055 EA 6" Aluminum Base And Cap.....	152.36	16.08
05 14 13 00-0056 EA 8" Aluminum Base And Cap.....	175.20	17.37
05 14 13 00-0057 EA 10" Aluminum Base And Cap.....	223.24	19.30
05 14 13 00-0058 EA 12" Aluminum Base And Cap.....	395.97	20.58
05 14 13 00-0059 EA 15" Aluminum Base And Cap.....	613.43	22.52
<b>05 14 13 00-0060 Ornamental Or Decorative Cap And Bases</b> (05 14 13 00-0015)		
05 14 13 00-0061 EA 8" Corinthian Capital And Base.....	852.71	19.30
05 14 13 00-0062 EA 10" Corinthian Capital And Base.....	1,254.02	22.52
05 14 13 00-0063 EA 12" Corinthian Capital And Base.....	1,982.37	25.73
05 14 13 00-0064 EA 8" Scamozzi Capital And Base.....	424.78	19.30
05 14 13 00-0065 EA 10" Scamozzi Capital And Base.....	568.64	22.52
05 14 13 00-0066 EA 12" Scamozzi Capital And Base.....	1,141.12	25.73
<b>05 15 Wire Rope Assemblies</b> (05 10)		
<b>05 15 16 Steel Wire Rope Assemblies</b> (05 15)		
<b>05 15 16 00-0001 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope</b> (05 15 16)		
05 15 16 00-0002 LF 1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.71	0.13
For >500, Deduct	-0.30	
05 15 16 00-0003 LF 5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.31	0.13
For >500, Deduct	-0.39	
05 15 16 00-0004 LF 3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.76	0.27
For >500, Deduct	-0.45	
05 15 16 00-0005 LF 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.34	0.27
For >500, Deduct	-0.53	
05 15 16 00-0006 LF 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.88	0.40
For >500, Deduct	-0.59	
05 15 16 00-0007 LF 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.77	0.53
For >500, Deduct	-0.72	
05 15 16 00-0008 LF 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.70	0.53
For >500, Deduct	-0.85	
05 15 16 00-0009 LF 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.92	0.94
For >500, Deduct	-1.16	
05 15 16 00-0010 LF 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	10.66	1.07
For >500, Deduct	-1.56	
05 15 16 00-0011 LF 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	13.30	1.47
For >500, Deduct	-1.91	
05 15 16 00-0012 LF 1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	16.45	1.87
For >500, Deduct	-2.35	



**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0013	LF		1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	20.06	2.26
			<i>For &gt;500, Deduct</i> .....	-2.87	
<b>05 15 16 00-0014</b>			<b>6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope</b> <small>(05 15 16)</small>		
05 15 16 00-0015	LF		1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.01	0.13
			<i>For &gt;500, Deduct</i> .....	-0.36	
05 15 16 00-0016	LF		5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.61	0.13
			<i>For &gt;500, Deduct</i> .....	-0.45	
05 15 16 00-0017	LF		3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.25	0.27
			<i>For &gt;500, Deduct</i> .....	-0.55	
05 15 16 00-0018	LF		7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.71	0.27
			<i>For &gt;500, Deduct</i> .....	-0.60	
05 15 16 00-0019	LF		1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.43	0.40
			<i>For &gt;500, Deduct</i> .....	-0.70	
05 15 16 00-0020	LF		9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.12	0.53
			<i>For &gt;500, Deduct</i> .....	-0.79	
05 15 16 00-0021	LF		5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	6.00	0.53
			<i>For &gt;500, Deduct</i> .....	-0.91	
05 15 16 00-0022	LF		3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	8.80	0.94
			<i>For &gt;500, Deduct</i> .....	-1.34	
05 15 16 00-0023	LF		7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.30	1.07
			<i>For &gt;500, Deduct</i> .....	-1.69	
05 15 16 00-0024	LF		1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	13.93	1.47
			<i>For &gt;500, Deduct</i> .....	-2.05	
05 15 16 00-0025	LF		1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	17.84	1.87
			<i>For &gt;500, Deduct</i> .....	-2.62	
05 15 16 00-0026	LF		1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	21.69	2.26
			<i>For &gt;500, Deduct</i> .....	-3.19	
<b>05 15 16 00-0027</b>			<b>6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope</b> <small>(05 15 16)</small>		
05 15 16 00-0028	LF		1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.60	0.13
			<i>For &gt;500, Deduct</i> .....	-0.27	
05 15 16 00-0029	LF		5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.18	0.13
			<i>For &gt;500, Deduct</i> .....	-0.36	
05 15 16 00-0030	LF		3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.60	0.27
			<i>For &gt;500, Deduct</i> .....	-0.42	
05 15 16 00-0031	LF		7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.07	0.27
			<i>For &gt;500, Deduct</i> .....	-0.47	
05 15 16 00-0032	LF		1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.71	0.40
			<i>For &gt;500, Deduct</i> .....	-0.56	
05 15 16 00-0033	LF		9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.69	0.53
			<i>For &gt;500, Deduct</i> .....	-0.70	
05 15 16 00-0034	LF		5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	5.49	0.53
			<i>For &gt;500, Deduct</i> .....	-0.81	
05 15 16 00-0035	LF		3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	7.73	0.94
			<i>For &gt;500, Deduct</i> .....	-1.12	
05 15 16 00-0036	LF		7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	9.51	1.07
			<i>For &gt;500, Deduct</i> .....	-1.33	
05 15 16 00-0037	LF		1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	12.09	1.47
			<i>For &gt;500, Deduct</i> .....	-1.66	
<b>05 15 16 00-0038</b>			<b>6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope</b> <small>(05 15 16)</small>		
05 15 16 00-0039	LF		1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.58	0.13
			<i>For &gt;500, Deduct</i> .....	-0.27	
05 15 16 00-0040	LF		5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.10	0.13
			<i>For &gt;500, Deduct</i> .....	-0.35	
05 15 16 00-0041	LF		3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.60	0.27
			<i>For &gt;500, Deduct</i> .....	-0.42	
05 15 16 00-0042	LF		7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.07	0.27
			<i>For &gt;500, Deduct</i> .....	-0.47	
05 15 16 00-0043	LF		1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.86	0.40
			<i>For &gt;500, Deduct</i> .....	-0.59	
05 15 16 00-0044	LF		9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.61	0.53
			<i>For &gt;500, Deduct</i> .....	-0.69	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0045	LF		5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.78	0.53
			<i>For &gt;500, Deduct</i>	-0.87	
05 15 16 00-0046	LF		3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	8.08	0.94
			<i>For &gt;500, Deduct</i>	-1.19	
05 15 16 00-0047	LF		7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	10.58	1.07
			<i>For &gt;500, Deduct</i>	-1.54	
05 15 16 00-0048	LF		1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	13.07	1.47
			<i>For &gt;500, Deduct</i>	-1.87	
<b>05 15 16 00-0049</b>			<b>6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <small>(05 15 16)</small></b>		
05 15 16 00-0050	LF		3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	2.93	0.27
			<i>For &gt;500, Deduct</i>	-0.48	
05 15 16 00-0051	LF		7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.46	0.27
			<i>For &gt;500, Deduct</i>	-0.55	
05 15 16 00-0052	LF		1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.06	0.40
			<i>For &gt;500, Deduct</i>	-0.63	
05 15 16 00-0053	LF		9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.45	0.53
			<i>For &gt;500, Deduct</i>	-0.85	
05 15 16 00-0054	LF		5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	6.04	0.53
			<i>For &gt;500, Deduct</i>	-0.92	
05 15 16 00-0055	LF		3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	8.25	0.94
			<i>For &gt;500, Deduct</i>	-1.23	
05 15 16 00-0056	LF		7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	10.62	1.07
			<i>For &gt;500, Deduct</i>	-1.55	
05 15 16 00-0057	LF		1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	13.98	1.47
			<i>For &gt;500, Deduct</i>	-2.04	
05 15 16 00-0058	LF		1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	16.96	1.87
			<i>For &gt;500, Deduct</i>	-2.45	
05 15 16 00-0059	LF		1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	20.48	2.26
			<i>For &gt;500, Deduct</i>	-2.95	
<b>05 15 16 00-0060</b>			<b>6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <small>(05 15 16)</small></b>		
05 15 16 00-0061	LF		3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.01	0.27
			<i>For &gt;500, Deduct</i>	-0.50	
05 15 16 00-0062	LF		7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.65	0.27
			<i>For &gt;500, Deduct</i>	-0.59	
05 15 16 00-0063	LF		1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.33	0.40
			<i>For &gt;500, Deduct</i>	-0.68	
05 15 16 00-0064	LF		9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	6.04	0.53
			<i>For &gt;500, Deduct</i>	-0.97	
05 15 16 00-0065	LF		5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	6.13	0.53
			<i>For &gt;500, Deduct</i>	-0.94	
05 15 16 00-0066	LF		3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	8.45	0.94
			<i>For &gt;500, Deduct</i>	-1.27	
05 15 16 00-0067	LF		7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	11.20	1.07
			<i>For &gt;500, Deduct</i>	-1.67	
05 15 16 00-0068	LF		1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	14.18	1.47
			<i>For &gt;500, Deduct</i>	-2.08	
<b>05 15 16 00-0069</b>			<b>19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope <small>(05 15 16)</small></b>		
05 15 16 00-0070	LF		1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.06	0.13
			<i>For &gt;500, Deduct</i>	-0.56	
05 15 16 00-0071	LF		5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.32	0.13
			<i>For &gt;500, Deduct</i>	-0.59	
05 15 16 00-0072	LF		3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.92	0.27
			<i>For &gt;500, Deduct</i>	-0.69	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope		5.27	0.27
		<i>For &gt;500, Deduct</i>		-0.91	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope		5.99	0.27
		<i>For &gt;500, Deduct</i>		-1.06	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope		6.97	0.53
		<i>For &gt;500, Deduct</i>		-1.16	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope		8.30	0.53
		<i>For &gt;500, Deduct</i>		-1.38	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope		11.45	0.80
		<i>For &gt;500, Deduct</i>		-1.88	
<b>05 15 16 00-0078</b>		<b>7x7, Galvanized Finish, Aircraft Cable</b> <small>(05 15 16)</small>			
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable		0.37	0.09
		<i>For &gt;500, Deduct</i>		-0.05	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable		0.42	0.11
		<i>For &gt;500, Deduct</i>		-0.05	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable		0.47	0.12
		<i>For &gt;500, Deduct</i>		-0.06	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable		0.54	0.13
		<i>For &gt;500, Deduct</i>		-0.06	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable		0.66	0.13
		<i>For &gt;500, Deduct</i>		-0.08	
<b>05 15 16 00-0084</b>		<b>7x19, Galvanized Finish, Aircraft Cable</b> <small>(05 15 16)</small>			
05 15 16 00-0085	LF	1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable		0.65	0.12
		<i>For &gt;500, Deduct</i>		-0.09	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable		0.70	0.13
		<i>For &gt;500, Deduct</i>		-0.10	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable		0.80	0.13
		<i>For &gt;500, Deduct</i>		-0.11	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable		0.93	0.13
		<i>For &gt;500, Deduct</i>		-0.14	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable		1.42	0.13
		<i>For &gt;500, Deduct</i>		-0.21	
05 15 16 00-0090	LF	3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable		1.90	0.13
		<i>For &gt;500, Deduct</i>		-0.28	
<b>05 15 16 00-0091</b>		<b>Heavy-Duty, Galvanized Steel, Wire Rope Thimbles</b> <small>(05 15 16)</small>			
05 15 16 00-0092	EA	1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		16.51	4.00
05 15 16 00-0093	EA	5/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		18.46	4.00
05 15 16 00-0094	EA	3/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		20.63	4.00
05 15 16 00-0095	EA	7/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		26.59	4.00
05 15 16 00-0096	EA	1/2" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		26.62	4.00
05 15 16 00-0097	EA	9/16" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		26.62	4.00
05 15 16 00-0098	EA	5/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		28.64	4.00
05 15 16 00-0099	EA	3/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		51.77	6.14
05 15 16 00-0100	EA	7/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		61.23	7.47
05 15 16 00-0101	EA	1" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		108.45	12.27
05 15 16 00-0102	EA	1-1/8" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		155.20	16.67
05 15 16 00-0103	EA	1-1/4" Diameter, Heavy-Duty, Galvanized Steel, Wire Rope Thimble		155.20	16.67
<b>05 15 16 00-0104</b>		<b>Galvanized Steel, Wire Rope Clips</b> <small>(05 15 16)</small>			
05 15 16 00-0105	EA	1/8" Diameter, Galvanized Steel, Wire Rope Clip		19.41	4.00
05 15 16 00-0106	EA	3/16" Diameter, Galvanized Steel, Wire Rope Clip		19.79	4.00
05 15 16 00-0107	EA	1/4" Diameter, Galvanized Steel, Wire Rope Clip		22.36	4.00
05 15 16 00-0108	EA	5/16" Diameter, Galvanized Steel, Wire Rope Clip		22.76	4.00
05 15 16 00-0109	EA	3/8" Diameter, Galvanized Steel, Wire Rope Clip		23.34	4.00
05 15 16 00-0110	EA	7/16" Diameter, Galvanized Steel, Wire Rope Clip		28.86	4.00
05 15 16 00-0111	EA	1/2" Diameter, Galvanized Steel, Wire Rope Clip		29.29	4.00
05 15 16 00-0112	EA	9/16" Diameter, Galvanized Steel, Wire Rope Clip		33.33	4.00
05 15 16 00-0113	EA	5/8" Diameter, Galvanized Steel, Wire Rope Clip		33.90	4.00
05 15 16 00-0114	EA	3/4" Diameter, Galvanized Steel, Wire Rope Clip		46.69	5.33
05 15 16 00-0115	EA	7/8" Diameter, Galvanized Steel, Wire Rope Clip		70.09	8.01
05 15 16 00-0116	EA	1" Diameter, Galvanized Steel, Wire Rope Clip		76.75	8.01
05 15 16 00-0117	EA	1-1/8" Diameter, Galvanized Steel, Wire Rope Clip		90.60	10.67
05 15 16 00-0118	EA	1-1/4" Diameter, Galvanized Steel, Wire Rope Clip		131.66	16.01
<b>05 15 16 00-0119</b>		<b>Steel, Open Swage Sockets</b> <small>(05 15 16)</small>			
05 15 16 00-0120	EA	1/4" Diameter, Steel, Open Swage Socket		99.55	4.00
05 15 16 00-0121	EA	5/16" Diameter, Steel, Open Swage Socket		158.09	4.00
05 15 16 00-0122	EA	3/8" Diameter, Steel, Open Swage Socket		163.37	5.33
05 15 16 00-0123	EA	7/16" Diameter, Steel, Open Swage Socket		194.68	6.67



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0124 EA 1/2" Diameter, Steel, Open Swage Socket.....	194.68	6.67
05 15 16 00-0125 EA 9/16" Diameter, Steel, Open Swage Socket.....	287.03	14.68
05 15 16 00-0126 EA 5/8" Diameter, Steel, Open Swage Socket.....	287.03	14.68
05 15 16 00-0127 EA 3/4" Diameter, Steel, Open Swage Socket.....	370.58	28.02
05 15 16 00-0128 EA 7/8" Diameter, Steel, Open Swage Socket.....	499.65	40.02
05 15 16 00-0129 EA 1" Diameter, Steel, Open Swage Socket.....	705.80	61.36
05 15 16 00-0130 EA 1-1/8" Diameter, Steel, Open Swage Socket.....	933.98	96.05
05 15 16 00-0131 EA 1-1/4" Diameter, Steel, Open Swage Socket.....	1,087.52	110.73
<b>05 15 16 00-0132 Steel, Closed Swage Sockets (05 15 16)</b>		
05 15 16 00-0133 EA 1/4" Diameter, Steel, Closed Swage Socket.....	80.37	4.00
05 15 16 00-0134 EA 5/16" Diameter, Steel, Closed Swage Socket.....	108.27	4.00
05 15 16 00-0135 EA 3/8" Diameter, Steel, Closed Swage Socket.....	108.27	4.00
05 15 16 00-0136 EA 7/16" Diameter, Steel, Closed Swage Socket.....	135.24	5.33
05 15 16 00-0137 EA 1/2" Diameter, Steel, Closed Swage Socket.....	136.71	5.33
05 15 16 00-0138 EA 9/16" Diameter, Steel, Closed Swage Socket.....	188.68	9.34
05 15 16 00-0139 EA 5/8" Diameter, Steel, Closed Swage Socket.....	195.04	10.67
05 15 16 00-0140 EA 3/4" Diameter, Steel, Closed Swage Socket.....	242.53	17.34
05 15 16 00-0141 EA 7/8" Diameter, Steel, Closed Swage Socket.....	314.94	25.34
05 15 16 00-0142 EA 1" Diameter, Steel, Closed Swage Socket.....	450.36	34.69
05 15 16 00-0143 EA 1-1/8" Diameter, Steel, Closed Swage Socket.....	560.02	48.02
05 15 16 00-0144 EA 1-1/4" Diameter, Steel, Closed Swage Socket.....	763.47	74.70
<b>05 15 16 00-0145 Galvanized Steel, Open Spelter Sockets (05 15 16)</b>		
05 15 16 00-0146 EA 1/4" Galvanized Steel, Open Spelter Socket.....	165.68	4.00
05 15 16 00-0147 EA 5/16" Galvanized Steel, Open Spelter Socket.....	170.40	4.00
05 15 16 00-0148 EA 3/8" Galvanized Steel, Open Spelter Socket.....	170.40	4.00
05 15 16 00-0149 EA 7/16" Galvanized Steel, Open Spelter Socket.....	191.63	8.01
05 15 16 00-0150 EA 1/2" Galvanized Steel, Open Spelter Socket.....	191.63	8.01
05 15 16 00-0151 EA 9/16" Galvanized Steel, Open Spelter Socket.....	252.72	13.34
05 15 16 00-0152 EA 5/8" Galvanized Steel, Open Spelter Socket.....	252.72	13.34
05 15 16 00-0153 EA 3/4" Galvanized Steel, Open Spelter Socket.....	321.48	20.01
05 15 16 00-0154 EA 7/8" Galvanized Steel, Open Spelter Socket.....	482.34	33.35
05 15 16 00-0155 EA 1" Galvanized Steel, Open Spelter Socket.....	873.11	52.02
05 15 16 00-0156 EA 1-1/8" Galvanized Steel, Open Spelter Socket.....	1,036.40	84.05
05 15 16 00-0157 EA 1-1/4" Galvanized Steel, Open Spelter Socket.....	1,400.21	110.73
<b>05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets (05 15 16)</b>		
05 15 16 00-0159 EA 1/4" Galvanized Steel, Closed Spelter Socket.....	139.15	4.00
05 15 16 00-0160 EA 5/16" Galvanized Steel, Closed Spelter Socket.....	139.74	4.00
05 15 16 00-0161 EA 3/8" Galvanized Steel, Closed Spelter Socket.....	139.74	4.00
05 15 16 00-0162 EA 7/16" Galvanized Steel, Closed Spelter Socket.....	157.58	6.67
05 15 16 00-0163 EA 1/2" Galvanized Steel, Closed Spelter Socket.....	157.58	6.67
05 15 16 00-0164 EA 9/16" Galvanized Steel, Closed Spelter Socket.....	221.83	12.00
05 15 16 00-0165 EA 5/8" Galvanized Steel, Closed Spelter Socket.....	221.83	12.00
05 15 16 00-0166 EA 3/4" Galvanized Steel, Closed Spelter Socket.....	273.57	17.34
05 15 16 00-0167 EA 7/8" Galvanized Steel, Closed Spelter Socket.....	399.89	26.68
05 15 16 00-0168 EA 1" Galvanized Steel, Closed Spelter Socket.....	604.50	41.35
05 15 16 00-0169 EA 1-1/8" Galvanized Steel, Closed Spelter Socket.....	791.79	56.03
05 15 16 00-0170 EA 1-1/4" Galvanized Steel, Closed Spelter Socket.....	999.35	74.70
<b>05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles (05 15 16)</b>		
05 15 16 00-0172 EA 1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle.....	96.14	4.00
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-12.42	
05 15 16 00-0173 EA 5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle.....	103.03	4.00
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-13.45	
05 15 16 00-0174 EA 3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	115.78	4.00
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.37	
05 15 16 00-0175 EA 1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	129.00	5.33
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.99	
05 15 16 00-0176 EA 1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	169.61	6.67
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-21.27	
05 15 16 00-0177 EA 1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	192.74	8.01
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-24.09	
05 15 16 00-0178 EA 5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	196.90	10.67
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-23.38	
05 15 16 00-0179 EA 5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	243.08	10.67
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-29.79	
05 15 16 00-0180 EA 5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	275.78	12.00
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-34.22	
05 15 16 00-0181 EA 3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle.....	265.61	14.68
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-31.33	
05 15 16 00-0182 EA 3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle.....	302.83	17.34
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-34.89	
05 15 16 00-0183 EA 3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle.....	373.16	18.67
For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-44.54	

**05 Metals****05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0184	EA		3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....	448.94	22.68
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-53.54	
05 15 16 00-0185	EA		7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....	512.76	32.01
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-57.86	
05 15 16 00-0186	EA		7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....	621.48	37.36
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-70.99	
05 15 16 00-0187	EA		1" x 6", Forged Steel, Jaw And Jaw Turnbuckle .....	532.28	32.01
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-60.78	
05 15 16 00-0188	EA		1" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....	610.74	41.35
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-66.60	
05 15 16 00-0189	EA		1" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....	835.59	52.02
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-94.55	
05 15 16 00-0190	EA		1" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....	935.42	61.36
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-103.93	
05 15 16 00-0191	EA		1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....	1,044.38	74.70
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-112.19	
05 15 16 00-0192	EA		1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....	1,259.03	84.05
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-138.83	
05 15 16 00-0193	EA		1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....	1,626.85	96.05
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-186.86	
05 15 16 00-0194	EA		1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle .....	1,611.13	102.72
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-180.10	
05 15 16 00-0195	EA		1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle .....	1,779.31	133.40
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-186.86	
05 15 16 00-0196	EA		1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....	3,180.94	173.42
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-377.09	
05 15 16 00-0197	EA		2" x 24", Forged Steel, Jaw And Jaw Turnbuckle .....	5,236.22	333.50
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-585.33	

**05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts** (05 15 16)

05 15 16 00-0199	EA		1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	19.30	
05 15 16 00-0200	EA		5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	19.39	
05 15 16 00-0201	EA		3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	21.98	
05 15 16 00-0202	EA		7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	26.31	
05 15 16 00-0203	EA		1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	26.19	
05 15 16 00-0204	EA		5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	36.08	
05 15 16 00-0205	EA		3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	43.61	
05 15 16 00-0206	EA		7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	59.26	
05 15 16 00-0207	EA		1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	80.00	
05 15 16 00-0208	EA		1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....	116.95	
05 15 16 00-0209	EA		1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....	139.29	
05 15 16 00-0210	EA		1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....	254.53	
05 15 16 00-0211	EA		1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....	292.06	
05 15 16 00-0212	EA		2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt .....	361.55	

**05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts** (05 15 16)

05 15 16 00-0214	EA		1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	25.67	
05 15 16 00-0215	EA		1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	23.03	
05 15 16 00-0216	EA		5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	31.67	
05 15 16 00-0217	EA		5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	20.87	
05 15 16 00-0218	EA		3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	28.60	
05 15 16 00-0219	EA		3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	43.66	
05 15 16 00-0220	EA		3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	42.26	
05 15 16 00-0221	EA		3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	40.10	
05 15 16 00-0222	EA		3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	35.83	
05 15 16 00-0223	EA		3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	37.01	
05 15 16 00-0224	EA		1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	32.52	
05 15 16 00-0225	EA		1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	25.65	
05 15 16 00-0226	EA		1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	33.78	
05 15 16 00-0227	EA		1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	46.57	
05 15 16 00-0228	EA		1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	35.06	
05 15 16 00-0229	EA		1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	57.15	
05 15 16 00-0230	EA		1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	50.11	
05 15 16 00-0231	EA		1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	45.58	
05 15 16 00-0232	EA		1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	53.85	
05 15 16 00-0233	EA		5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	54.62	
05 15 16 00-0234	EA		5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....	48.48	
05 15 16 00-0235	EA		5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	61.32	
05 15 16 00-0236	EA		5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	70.49	
05 15 16 00-0237	EA		5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	81.49	
05 15 16 00-0238	EA		5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	67.05	
05 15 16 00-0239	EA		3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt .....	67.11	
05 15 16 00-0240	EA		3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	68.45	
05 15 16 00-0241	EA		3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	75.79	
05 15 16 00-0242	EA		3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	81.83	
05 15 16 00-0243	EA		3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	95.88	
05 15 16 00-0244	EA		1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt.....	127.34	

**05 15 19 Stainless Steel Wire Rope Assemblies** (05 15)





	<b>Metals</b>	<b>05</b>
	Structural Metal Framing	05 10
	Wire Rope Assemblies	05 15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 19 00-0001			<b>7x7, 304 Stainless Steel, Aircraft Cable</b> <small>(05 15 19)</small>		
05 15 19 00-0002	LF		1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable.....	0.30	0.09
			<i>For &gt;500, Deduct</i>	-0.03	
05 15 19 00-0003	LF		3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable.....	0.37	0.11
			<i>For &gt;500, Deduct</i>	-0.04	
05 15 19 00-0004	LF		1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable.....	0.49	0.12
			<i>For &gt;500, Deduct</i>	-0.06	
05 15 19 00-0005	LF		5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable.....	0.62	0.13
			<i>For &gt;500, Deduct</i>	-0.08	
05 15 19 00-0006	LF		3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable.....	0.76	0.13
			<i>For &gt;500, Deduct</i>	-0.10	
05 15 19 00-0007			<b>7x19, 304 Stainless Steel, Aircraft Cable</b> <small>(05 15 19)</small>		
05 15 19 00-0008	LF		1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.54	0.12
			<i>For &gt;500, Deduct</i>	-0.07	
05 15 19 00-0009	LF		5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.63	0.13
			<i>For &gt;500, Deduct</i>	-0.08	
05 15 19 00-0010	LF		3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.73	0.13
			<i>For &gt;500, Deduct</i>	-0.10	
05 15 19 00-0011	LF		1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	0.89	0.13
			<i>For &gt;500, Deduct</i>	-0.13	
05 15 19 00-0012	LF		5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	1.36	0.13
			<i>For &gt;500, Deduct</i>	-0.20	
05 15 19 00-0013	LF		3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable.....	2.03	0.27
			<i>For &gt;500, Deduct</i>	-0.30	
05 15 19 00-0014			<b>7x7, 316 Stainless Steel, Aircraft Cable</b> <small>(05 15 19)</small>		
05 15 19 00-0015	LF		1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.30	0.09
			<i>For &gt;500, Deduct</i>	-0.03	
05 15 19 00-0016	LF		3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.37	0.11
			<i>For &gt;500, Deduct</i>	-0.04	
05 15 19 00-0017	LF		1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.49	0.12
			<i>For &gt;500, Deduct</i>	-0.06	
05 15 19 00-0018	LF		5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.62	0.13
			<i>For &gt;500, Deduct</i>	-0.08	
05 15 19 00-0019	LF		3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.76	0.13
			<i>For &gt;500, Deduct</i>	-0.10	
05 15 19 00-0020			<b>7x19, 316 Stainless Steel, Aircraft Cable</b> <small>(05 15 19)</small>		
05 15 19 00-0021	LF		1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.54	0.12
			<i>For &gt;500, Deduct</i>	-0.07	
05 15 19 00-0022	LF		5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.63	0.13
			<i>For &gt;500, Deduct</i>	-0.08	
05 15 19 00-0023	LF		3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.73	0.13
			<i>For &gt;500, Deduct</i>	-0.10	
05 15 19 00-0024	LF		1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.89	0.13
			<i>For &gt;500, Deduct</i>	-0.13	
05 15 19 00-0025	LF		5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.36	0.13
			<i>For &gt;500, Deduct</i>	-0.20	
05 15 19 00-0026	LF		3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	2.03	0.13
			<i>For &gt;500, Deduct</i>	-0.30	
<b>05 20</b>			<b>Metal Joists</b> <small>(05)</small>		
			Note: Includes all connecting bolts and welds.		
<b>05 21</b>			<b>Steel Joist Framing</b> <small>(05 20)</small>		
<b>05 21 19</b>			<b>Open Web Steel Joist Framing</b> <small>(05 21)</small>		
<b>05 21 19 00-0001</b>			<b>Open Web Joists</b> <small>(05 21 19)</small>		
05 21 19 00-0002	TON		H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,890.63	219.21
			<i>For Welded Cross Bridging, Add</i>	274.02	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	237.27	
05 21 19 00-0003	TON		H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging .....	2,647.91	205.52
			<i>For Welded Cross Bridging, Add</i>	243.57	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	220.32	
05 21 19 00-0004	TON		LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	3,169.99	205.52
			<i>For Welded Cross Bridging, Add</i>	252.94	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	279.22	
05 21 19 00-0005	TON		DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging .....	3,583.65	205.52
			<i>For Welded Cross Bridging, Add</i>	252.94	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	328.86	
05 21 19 00-0006	TON		CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging .....	3,188.54	205.52
			<i>For Welded Cross Bridging, Add</i>	274.02	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	273.02	
05 21 19 00-0007	TON		SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging .....	3,945.61	205.52
			<i>For Welded Cross Bridging, Add</i>	252.94	
			<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	372.30	



05	05	Metals
	05 20	Metal Joists
	05 21	Steel Joist Framing



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**05 30 Metal Decking** <sup>(05)</sup>

Note: Includes all connecting bolts and welds.

**05 31 Steel Decking** <sup>(05 30)</sup>

See CSI section 03 30 00 00-0000 for concrete where required.

**05 31 13 Steel Floor Decking** <sup>(05 31)</sup>

Note: Floor or roof decking

**05 31 13 00-0001 Open Ribbed Galvanized Steel Deck** <sup>(05 31 13)</sup>

05 31 13 00-0002	SF 1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.32		0.60
	<i>For Painted, Deduct</i>	-0.13		
	<i>For Perforated Or Slotted, Add</i>	0.13		
	<i>For Site Installed Insulation Between Ribs, Add</i>	0.89		
	<i>For Up To 100, Add</i>	1.01		
	<i>For &gt;100 To 500, Add</i>	0.56		
	<i>For &gt;500 To 1,500, Add</i>	0.19		
05 31 13 00-0003	SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.79		0.70
	<i>For Painted, Deduct</i>	-0.15		
	<i>For Perforated Or Slotted, Add</i>	0.15		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.01		
	<i>For Up To 100, Add</i>	1.17		
	<i>For &gt;100 To 500, Add</i>	0.64		
	<i>For &gt;500 To 1,500, Add</i>	0.22		
05 31 13 00-0004	SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.75		0.85
	<i>For Painted, Deduct</i>	-0.18		
	<i>For Perforated Or Slotted, Add</i>	0.18		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.27		
	<i>For Up To 100, Add</i>	1.43		
	<i>For &gt;100 To 500, Add</i>	0.79		
	<i>For &gt;500 To 1,500, Add</i>	0.27		
05 31 13 00-0005	SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.65		0.68
	<i>For Painted, Deduct</i>	-0.14		
	<i>For Perforated Or Slotted, Add</i>	0.14		
	<i>For Site Installed Insulation Between Ribs, Add</i>	0.98		
	<i>For Up To 100, Add</i>	1.12		
	<i>For &gt;100 To 500, Add</i>	0.62		
	<i>For &gt;500 To 1,500, Add</i>	0.21		
05 31 13 00-0006	SF 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.20		0.78
	<i>For Painted, Deduct</i>	-0.16		
	<i>For Perforated Or Slotted, Add</i>	0.16		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.12		
	<i>For Up To 100, Add</i>	1.29		
	<i>For &gt;100 To 500, Add</i>	0.71		
	<i>For &gt;500 To 1,500, Add</i>	0.24		
05 31 13 00-0007	SF 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.26		0.95
	<i>For Painted, Deduct</i>	-0.20		
	<i>For Perforated Or Slotted, Add</i>	0.20		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.41		
	<i>For Up To 100, Add</i>	1.59		
	<i>For &gt;100 To 500, Add</i>	0.88		
	<i>For &gt;500 To 1,500, Add</i>	0.30		
05 31 13 00-0008	SF 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	4.12		0.71
	<i>For Painted, Deduct</i>	-0.16		
	<i>For Perforated Or Slotted, Add</i>	0.16		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.10		
	<i>For Up To 100, Add</i>	1.21		
	<i>For &gt;100 To 500, Add</i>	0.68		
	<i>For &gt;500 To 1,500, Add</i>	0.22		
05 31 13 00-0009	SF 2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	4.78		0.83
	<i>For Painted, Deduct</i>	-0.19		
	<i>For Perforated Or Slotted, Add</i>	0.19		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.27		
	<i>For Up To 100, Add</i>	1.40		
	<i>For &gt;100 To 500, Add</i>	0.78		
	<i>For &gt;500 To 1,500, Add</i>	0.26		
05 31 13 00-0010	SF 2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	5.87		0.92
	<i>For Painted, Deduct</i>	-0.24		
	<i>For Perforated Or Slotted, Add</i>	0.24		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.56		
	<i>For Up To 100, Add</i>	1.62		
	<i>For &gt;100 To 500, Add</i>	0.93		
	<i>For &gt;500 To 1,500, Add</i>	0.29		
05 31 13 00-0011	SF 2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	7.35		1.00
	<i>For Painted, Deduct</i>	-0.31		
	<i>For Perforated Or Slotted, Add</i>	0.31		
	<i>For Site Installed Insulation Between Ribs, Add</i>	1.93		
	<i>For Up To 100, Add</i>	1.86		
	<i>For &gt;100 To 500, Add</i>	1.11		
	<i>For &gt;500 To 1,500, Add</i>	0.31		



	<b>Metals</b>	<b>05</b>	
	Metal Decking	05 30	<b>05</b>
	Steel Decking	05 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0012 SF 3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.60	0.75
For Painted, Deduct	-0.18	
For Perforated Or Slotted, Add	0.18	
For Site Installed Insulation Between Ribs, Add	1.22	
For Up To 100, Add	1.31	
For >100 To 500, Add	0.74	
For >500 To 1,500, Add	0.24	
05 31 13 00-0013 SF 3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	5.36	0.85
For Painted, Deduct	-0.22	
For Perforated Or Slotted, Add	0.22	
For Site Installed Insulation Between Ribs, Add	1.42	
For Up To 100, Add	1.49	
For >100 To 500, Add	0.85	
For >500 To 1,500, Add	0.27	
05 31 13 00-0014 SF 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	6.67	1.05
For Painted, Deduct	-0.27	
For Perforated Or Slotted, Add	0.27	
For Site Installed Insulation Between Ribs, Add	1.77	
For Up To 100, Add	1.85	
For >100 To 500, Add	1.06	
For >500 To 1,500, Add	0.33	
05 31 13 00-0015 SF 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	8.41	1.27
For Painted, Deduct	-0.34	
For Perforated Or Slotted, Add	0.34	
For Site Installed Insulation Between Ribs, Add	2.22	
For Up To 100, Add	2.28	
For >100 To 500, Add	1.32	
For >500 To 1,500, Add	0.40	
05 31 13 00-0016 SF 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	11.96	
For Painted, Deduct	-0.54	
For Perforated Or Slotted, Add	0.54	
For Site Installed Insulation Between Ribs, Add	3.08	
For Up To 100, Add	2.23	
For >100 To 500, Add	1.54	
For >500 To 1,500, Add	0.29	
05 31 13 00-0017 SF 4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	15.05	1.05
For Painted, Deduct	-0.69	
For Perforated Or Slotted, Add	0.69	
For Site Installed Insulation Between Ribs, Add	3.86	
For Up To 100, Add	2.68	
For >100 To 500, Add	1.90	
For >500 To 1,500, Add	0.33	
05 31 13 00-0018 SF 6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	13.99	1.05
For Painted, Deduct	-0.63	
For Perforated Or Slotted, Add	0.63	
For Site Installed Insulation Between Ribs, Add	3.60	
For Up To 100, Add	2.58	
For >100 To 500, Add	1.79	
For >500 To 1,500, Add	0.33	
05 31 13 00-0019 SF 6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	14.71	1.27
For Painted, Deduct	-0.66	
For Perforated Or Slotted, Add	0.66	
For Site Installed Insulation Between Ribs, Add	3.80	
For Up To 100, Add	2.91	
For >100 To 500, Add	1.95	
For >500 To 1,500, Add	0.40	
05 31 13 00-0020 SF 6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	18.36	1.55
For Painted, Deduct	-0.82	
For Perforated Or Slotted, Add	0.82	
For Site Installed Insulation Between Ribs, Add	4.74	
For Up To 100, Add	3.58	
For >100 To 500, Add	2.42	
For >500 To 1,500, Add	0.49	
05 31 13 00-0021 SF 7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	16.26	1.40
For Painted, Deduct	-0.73	
For Perforated Or Slotted, Add	0.73	
For Site Installed Insulation Between Ribs, Add	4.20	
For Up To 100, Add	3.20	
For >100 To 500, Add	2.15	
For >500 To 1,500, Add	0.44	
05 31 13 00-0022 SF 7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	20.24	1.70
For Painted, Deduct	-0.91	
For Perforated Or Slotted, Add	0.91	
For Site Installed Insulation Between Ribs, Add	5.22	
For Up To 100, Add	3.93	
For >100 To 500, Add	2.66	
For >500 To 1,500, Add	0.53	

05 31 13 00-0023

**Cellular Galvanized Steel Deck** (05 31 13)

Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0024	SF		1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	10.78	1.07
			<i>For Painted, Deduct</i>	-0.47	
			<i>For Perforated Or Slotted, Add</i>	0.47	
			<i>For Insulated Cells, Add</i>	2.12	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.80	
			<i>For Up To 100, Add</i>	2.29	
			<i>For &gt;100 To 500, Add</i>	1.48	
			<i>For &gt;500 To 1,500, Add</i>	0.34	
05 31 13 00-0025	SF		1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	11.76	1.43
			<i>For Painted, Deduct</i>	-0.50	
			<i>For Perforated Or Slotted, Add</i>	0.50	
			<i>For Insulated Cells, Add</i>	2.25	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.08	
			<i>For Up To 100, Add</i>	2.78	
			<i>For &gt;100 To 500, Add</i>	1.71	
			<i>For &gt;500 To 1,500, Add</i>	0.45	
05 31 13 00-0026	SF		1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	13.19	1.12
			<i>For Painted, Deduct</i>	-0.59	
			<i>For Perforated Or Slotted, Add</i>	0.59	
			<i>For Insulated Cells, Add</i>	2.65	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.40	
			<i>For Up To 100, Add</i>	2.59	
			<i>For &gt;100 To 500, Add</i>	1.74	
			<i>For &gt;500 To 1,500, Add</i>	0.35	
05 31 13 00-0027	SF		1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	14.32	1.50
			<i>For Painted, Deduct</i>	-0.62	
			<i>For Perforated Or Slotted, Add</i>	0.62	
			<i>For Insulated Cells, Add</i>	2.80	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.72	
			<i>For Up To 100, Add</i>	3.12	
			<i>For &gt;100 To 500, Add</i>	1.99	
			<i>For &gt;500 To 1,500, Add</i>	0.47	
05 31 13 00-0028	SF		3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	15.11	1.38
			<i>For Painted, Deduct</i>	-0.67	
			<i>For Perforated Or Slotted, Add</i>	0.67	
			<i>For Insulated Cells, Add</i>	3.02	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.91	
			<i>For Up To 100, Add</i>	3.03	
			<i>For &gt;100 To 500, Add</i>	2.02	
			<i>For &gt;500 To 1,500, Add</i>	0.42	
05 31 13 00-0029	SF		3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	18.05	1.58
			<i>For Painted, Deduct</i>	-0.80	
			<i>For Perforated Or Slotted, Add</i>	0.80	
			<i>For Insulated Cells, Add</i>	3.62	
			<i>For Site Installed Insulation Between Ribs, Add</i>	4.66	
			<i>For Up To 100, Add</i>	3.58	
			<i>For &gt;100 To 500, Add</i>	2.40	
			<i>For &gt;500 To 1,500, Add</i>	0.49	
05 31 13 00-0030	SF		3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	20.23	1.70
			<i>For Painted, Deduct</i>	-0.91	
			<i>For Perforated Or Slotted, Add</i>	0.91	
			<i>For Insulated Cells, Add</i>	4.07	
			<i>For Site Installed Insulation Between Ribs, Add</i>	5.22	
			<i>For Up To 100, Add</i>	3.93	
			<i>For &gt;100 To 500, Add</i>	2.66	
			<i>For &gt;500 To 1,500, Add</i>	0.53	
05 31 13 00-0031	SF		3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	21.88	1.82
			<i>For Painted, Deduct</i>	-0.98	
			<i>For Perforated Or Slotted, Add</i>	0.98	
			<i>For Insulated Cells, Add</i>	4.41	
			<i>For Site Installed Insulation Between Ribs, Add</i>	5.64	
			<i>For Up To 100, Add</i>	4.25	
			<i>For &gt;100 To 500, Add</i>	2.88	
			<i>For &gt;500 To 1,500, Add</i>	0.57	
05 31 13 00-0032	SF		4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	23.30	1.38
			<i>For Painted, Deduct</i>	-1.08	
			<i>For Perforated Or Slotted, Add</i>	1.08	
			<i>For Insulated Cells, Add</i>	4.86	
			<i>For Site Installed Insulation Between Ribs, Add</i>	5.96	
			<i>For Up To 100, Add</i>	3.88	
			<i>For &gt;100 To 500, Add</i>	2.85	
			<i>For &gt;500 To 1,500, Add</i>	0.43	
05 31 13 00-0033	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	24.80	1.60
			<i>For Painted, Deduct</i>	-1.14	
			<i>For Perforated Or Slotted, Add</i>	1.14	
			<i>For Insulated Cells, Add</i>	5.13	
			<i>For Site Installed Insulation Between Ribs, Add</i>	6.35	
			<i>For Up To 100, Add</i>	4.28	
			<i>For &gt;100 To 500, Add</i>	3.08	
			<i>For &gt;500 To 1,500, Add</i>	0.50	



	<b>Metals</b>	<b>05</b>	
	Metal Decking	05 30	05
	Steel Decking	05 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0034 SF 4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	26.21	1.73
For Painted, Deduct	-1.20	
For Perforated Or Slotted, Add	1.20	
For Insulated Cells, Add	5.41	
For Site Installed Insulation Between Ribs, Add	6.72	
For Up To 100, Add	4.56	
For >100 To 500, Add	3.27	
For >500 To 1,500, Add	0.54	
05 31 13 00-0035 SF 4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	27.97	1.85
For Painted, Deduct	-1.28	
For Perforated Or Slotted, Add	1.28	
For Insulated Cells, Add	5.77	
For Site Installed Insulation Between Ribs, Add	7.17	
For Up To 100, Add	4.89	
For >100 To 500, Add	3.49	
For >500 To 1,500, Add	0.58	
<b>05 31 23 Steel Roof Decking</b> <small>(05 31)</small>		
See CSI section 05 31 13 00-0000 for Steel floor or roof decking.		
<b>05 31 33 Steel Form Decking</b> <small>(05 31)</small>		
<b>05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck</b> <small>(05 31 33)</small>		
05 31 33 00-0002 SF 9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.07	
For Painted, Deduct	-0.10	
For Perforated Or Slotted, Add	0.10	
For Up To 100, Add	1.32	
For >100 To 500, Add	0.64	
For >500 To 1,500, Add	0.28	
05 31 33 00-0003 SF 9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.26	
For Painted, Deduct	-0.10	
For Perforated Or Slotted, Add	0.10	
For Up To 100, Add	1.39	
For >100 To 500, Add	0.68	
For >500 To 1,500, Add	0.30	
05 31 33 00-0004 SF 9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.63	
For Painted, Deduct	-0.11	
For Perforated Or Slotted, Add	0.11	
For Up To 100, Add	1.61	
For >100 To 500, Add	0.78	
For >500 To 1,500, Add	0.35	
05 31 33 00-0005 SF 9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.94	
For Painted, Deduct	-0.12	
For Perforated Or Slotted, Add	0.12	
For Up To 100, Add	1.81	
For >100 To 500, Add	0.87	
For >500 To 1,500, Add	0.39	
05 31 33 00-0006 SF 15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.66	
For Painted, Deduct	-0.12	
For Perforated Or Slotted, Add	0.12	
For Up To 100, Add	1.43	
For >100 To 500, Add	0.72	
For >500 To 1,500, Add	0.30	
05 31 33 00-0007 SF 15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.86	
For Painted, Deduct	-0.13	
For Perforated Or Slotted, Add	0.13	
For Up To 100, Add	1.51	
For >100 To 500, Add	0.76	
For >500 To 1,500, Add	0.31	
05 31 33 00-0008 SF 15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.08	
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Up To 100, Add	1.65	
For >100 To 500, Add	0.82	
For >500 To 1,500, Add	0.35	
05 31 33 00-0009 SF 15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.37	
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Up To 100, Add	1.85	
For >100 To 500, Add	0.91	
For >500 To 1,500, Add	0.39	
05 31 33 00-0010 SF 1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.60	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Up To 100, Add	1.93	
For >100 To 500, Add	0.95	
For >500 To 1,500, Add	0.41	
05 31 33 00-0011 SF 1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.00	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.02	
For >100 To 500, Add	1.01	
For >500 To 1,500, Add	0.42	

05	<b>05 Metals</b>
	<b>05 30 Metal Decking</b>
	<b>05 31 Steel Decking</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0012 SF 1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.71	
For Painted, Deduct	-0.20	
For Perforated Or Slotted, Add	0.20	
For Up To 100, Add	2.20	
For >100 To 500, Add	1.11	
For >500 To 1,500, Add	0.45	
05 31 33 00-0013 SF 1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	6.33	
For Painted, Deduct	-0.21	
For Perforated Or Slotted, Add	0.21	
For Up To 100, Add	2.49	
For >100 To 500, Add	1.25	
For >500 To 1,500, Add	0.52	

**05 36 Composite Metal Decking** (05 30)

See CSI section 03 30 00 00-0000 for concrete.

**05 36 00 00-0001 Composite Open Ribbed Galvanized Steel Deck** (05 36)

Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.

05 36 00 00-0002 SF 1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.64	
For Painted, Deduct	-0.15	
For Perforated Or Slotted, Add	0.15	
For Up To 100, Add	1.93	
For >100 To 500, Add	0.95	
For >500 To 1,500, Add	0.41	
05 36 00 00-0003 SF 1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.97	
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Up To 100, Add	2.13	
For >100 To 500, Add	1.04	
For >500 To 1,500, Add	0.45	
05 36 00 00-0004 SF 1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.59	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.58	
For >100 To 500, Add	1.23	
For >500 To 1,500, Add	0.56	
05 36 00 00-0005 SF 1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.13	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	3.03	
For >100 To 500, Add	1.42	
For >500 To 1,500, Add	0.67	
05 36 00 00-0006 SF 2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.97	
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Up To 100, Add	2.13	
For >100 To 500, Add	1.04	
For >500 To 1,500, Add	0.45	
05 36 00 00-0007 SF 2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.37	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.34	
For >100 To 500, Add	1.14	
For >500 To 1,500, Add	0.50	
05 36 00 00-0008 SF 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.99	
For Painted, Deduct	-0.18	
For Perforated Or Slotted, Add	0.18	
For Up To 100, Add	2.80	
For >100 To 500, Add	1.33	
For >500 To 1,500, Add	0.61	
05 36 00 00-0009 SF 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.57	
For Painted, Deduct	-0.19	
For Perforated Or Slotted, Add	0.19	
For Up To 100, Add	3.24	
For >100 To 500, Add	1.52	
For >500 To 1,500, Add	0.72	
05 36 00 00-0010 SF 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.21	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.20	
For >100 To 500, Add	1.08	
For >500 To 1,500, Add	0.47	
05 36 00 00-0011 SF 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.60	
For Painted, Deduct	-0.17	
For Perforated Or Slotted, Add	0.17	
For Up To 100, Add	2.47	
For >100 To 500, Add	1.20	
For >500 To 1,500, Add	0.53	
05 36 00 00-0012 SF 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.33	
For Painted, Deduct	-0.19	
For Perforated Or Slotted, Add	0.19	
For Up To 100, Add	3.00	
For >100 To 500, Add	1.42	
For >500 To 1,500, Add	0.66	



	<b>Metals</b>	<b>05</b>
	<b>Metal Decking</b>	<b>05 30</b>
	<b>Composite Metal Decking</b>	<b>05 36</b>

05

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0013	SF 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	7.08	
	<i>For Painted, Deduct</i>	-0.20	
	<i>For Perforated Or Slotted, Add</i>	0.20	
	<i>For Up To 100, Add</i>	3.53	
	<i>For &gt;100 To 500, Add</i>	1.65	
	<i>For &gt;500 To 1,500, Add</i>	0.78	
<b>05 36 00 00-0014</b>	<b>Composite Cellular Galvanized Steel Deck</b> <small>(05 36)</small>		
	Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015	SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.48	
	<i>For Painted, Deduct</i>	-0.28	
	<i>For Perforated Or Slotted, Add</i>	0.28	
	<i>For Insulated Cells, Add</i>	1.25	
	<i>For Up To 100, Add</i>	3.49	
	<i>For &gt;100 To 500, Add</i>	1.73	
	<i>For &gt;500 To 1,500, Add</i>	0.73	
05 36 00 00-0016	SF 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.09	
	<i>For Painted, Deduct</i>	-0.29	
	<i>For Perforated Or Slotted, Add</i>	0.29	
	<i>For Insulated Cells, Add</i>	1.31	
	<i>For Up To 100, Add</i>	3.83	
	<i>For &gt;100 To 500, Add</i>	1.88	
	<i>For &gt;500 To 1,500, Add</i>	0.81	
05 36 00 00-0017	SF 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.22	
	<i>For Painted, Deduct</i>	-0.29	
	<i>For Perforated Or Slotted, Add</i>	0.29	
	<i>For Insulated Cells, Add</i>	1.31	
	<i>For Up To 100, Add</i>	3.96	
	<i>For &gt;100 To 500, Add</i>	1.94	
	<i>For &gt;500 To 1,500, Add</i>	0.85	
05 36 00 00-0018	SF 1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.81	
	<i>For Painted, Deduct</i>	-0.30	
	<i>For Perforated Or Slotted, Add</i>	0.30	
	<i>For Insulated Cells, Add</i>	1.36	
	<i>For Up To 100, Add</i>	4.36	
	<i>For &gt;100 To 500, Add</i>	2.11	
	<i>For &gt;500 To 1,500, Add</i>	0.94	
05 36 00 00-0019	SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.52	
	<i>For Painted, Deduct</i>	-0.32	
	<i>For Perforated Or Slotted, Add</i>	0.32	
	<i>For Insulated Cells, Add</i>	1.45	
	<i>For Up To 100, Add</i>	4.72	
	<i>For &gt;100 To 500, Add</i>	2.27	
	<i>For &gt;500 To 1,500, Add</i>	1.02	
05 36 00 00-0020	SF 1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.64	
	<i>For Painted, Deduct</i>	-0.32	
	<i>For Perforated Or Slotted, Add</i>	0.32	
	<i>For Insulated Cells, Add</i>	1.45	
	<i>For Up To 100, Add</i>	4.84	
	<i>For &gt;100 To 500, Add</i>	2.32	
	<i>For &gt;500 To 1,500, Add</i>	1.05	
05 36 00 00-0021	SF 1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	11.23	
	<i>For Painted, Deduct</i>	-0.33	
	<i>For Perforated Or Slotted, Add</i>	0.33	
	<i>For Insulated Cells, Add</i>	1.50	
	<i>For Up To 100, Add</i>	5.23	
	<i>For &gt;100 To 500, Add</i>	2.49	
	<i>For &gt;500 To 1,500, Add</i>	1.14	
05 36 00 00-0022	SF 2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.79	
	<i>For Painted, Deduct</i>	-0.28	
	<i>For Perforated Or Slotted, Add</i>	0.28	
	<i>For Insulated Cells, Add</i>	1.27	
	<i>For Up To 100, Add</i>	3.70	
	<i>For &gt;100 To 500, Add</i>	1.82	
	<i>For &gt;500 To 1,500, Add</i>	0.78	
05 36 00 00-0023	SF 2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.29	
	<i>For Painted, Deduct</i>	-0.30	
	<i>For Perforated Or Slotted, Add</i>	0.30	
	<i>For Insulated Cells, Add</i>	1.33	
	<i>For Up To 100, Add</i>	3.97	
	<i>For &gt;100 To 500, Add</i>	1.94	
	<i>For &gt;500 To 1,500, Add</i>	0.85	
05 36 00 00-0024	SF 2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.41	
	<i>For Painted, Deduct</i>	-0.30	
	<i>For Perforated Or Slotted, Add</i>	0.30	
	<i>For Insulated Cells, Add</i>	1.33	
	<i>For Up To 100, Add</i>	4.09	
	<i>For &gt;100 To 500, Add</i>	1.99	
	<i>For &gt;500 To 1,500, Add</i>	0.88	



**05 Metals****05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0025	SF		2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.11	
			<i>For Painted, Deduct</i>	-0.31	
			<i>For Perforated Or Slotted, Add</i>	0.31	
			<i>For Insulated Cells, Add</i>	1.40	
			<i>For Up To 100, Add</i>	4.49	
			<i>For &gt;100 To 500, Add</i>	2.17	
			<i>For &gt;500 To 1,500, Add</i>	0.97	
05 36 00 00-0026	SF		2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.72	
			<i>For Painted, Deduct</i>	-0.33	
			<i>For Perforated Or Slotted, Add</i>	0.33	
			<i>For Insulated Cells, Add</i>	1.47	
			<i>For Up To 100, Add</i>	4.84	
			<i>For &gt;100 To 500, Add</i>	2.33	
			<i>For &gt;500 To 1,500, Add</i>	1.05	
05 36 00 00-0027	SF		2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.91	
			<i>For Painted, Deduct</i>	-0.33	
			<i>For Perforated Or Slotted, Add</i>	0.33	
			<i>For Insulated Cells, Add</i>	1.47	
			<i>For Up To 100, Add</i>	5.03	
			<i>For &gt;100 To 500, Add</i>	2.41	
			<i>For &gt;500 To 1,500, Add</i>	1.10	
05 36 00 00-0028	SF		2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	11.51	
			<i>For Painted, Deduct</i>	-0.34	
			<i>For Perforated Or Slotted, Add</i>	0.34	
			<i>For Insulated Cells, Add</i>	1.53	
			<i>For Up To 100, Add</i>	5.37	
			<i>For &gt;100 To 500, Add</i>	2.56	
			<i>For &gt;500 To 1,500, Add</i>	1.17	
05 36 00 00-0029	SF		3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.82	
			<i>For Painted, Deduct</i>	-0.28	
			<i>For Perforated Or Slotted, Add</i>	0.28	
			<i>For Insulated Cells, Add</i>	1.28	
			<i>For Up To 100, Add</i>	3.70	
			<i>For &gt;100 To 500, Add</i>	1.82	
			<i>For &gt;500 To 1,500, Add</i>	0.78	
05 36 00 00-0030	SF		3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.35	
			<i>For Painted, Deduct</i>	-0.30	
			<i>For Perforated Or Slotted, Add</i>	0.30	
			<i>For Insulated Cells, Add</i>	1.33	
			<i>For Up To 100, Add</i>	4.03	
			<i>For &gt;100 To 500, Add</i>	1.97	
			<i>For &gt;500 To 1,500, Add</i>	0.86	
05 36 00 00-0031	SF		3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	9.53	
			<i>For Painted, Deduct</i>	-0.30	
			<i>For Perforated Or Slotted, Add</i>	0.30	
			<i>For Insulated Cells, Add</i>	1.33	
			<i>For Up To 100, Add</i>	4.21	
			<i>For &gt;100 To 500, Add</i>	2.04	
			<i>For &gt;500 To 1,500, Add</i>	0.91	
05 36 00 00-0032	SF		3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.20	
			<i>For Painted, Deduct</i>	-0.31	
			<i>For Perforated Or Slotted, Add</i>	0.31	
			<i>For Insulated Cells, Add</i>	1.41	
			<i>For Up To 100, Add</i>	4.56	
			<i>For &gt;100 To 500, Add</i>	2.20	
			<i>For &gt;500 To 1,500, Add</i>	0.98	
05 36 00 00-0033	SF		3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.89	
			<i>For Painted, Deduct</i>	-0.33	
			<i>For Perforated Or Slotted, Add</i>	0.33	
			<i>For Insulated Cells, Add</i>	1.49	
			<i>For Up To 100, Add</i>	4.91	
			<i>For &gt;100 To 500, Add</i>	2.36	
			<i>For &gt;500 To 1,500, Add</i>	1.06	
05 36 00 00-0034	SF		3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	11.14	
			<i>For Painted, Deduct</i>	-0.33	
			<i>For Perforated Or Slotted, Add</i>	0.33	
			<i>For Insulated Cells, Add</i>	1.49	
			<i>For Up To 100, Add</i>	5.16	
			<i>For &gt;100 To 500, Add</i>	2.46	
			<i>For &gt;500 To 1,500, Add</i>	1.13	
05 36 00 00-0035	SF		3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	11.63	
			<i>For Painted, Deduct</i>	-0.34	
			<i>For Perforated Or Slotted, Add</i>	0.34	
			<i>For Insulated Cells, Add</i>	1.53	
			<i>For Up To 100, Add</i>	5.49	
			<i>For &gt;100 To 500, Add</i>	2.61	
			<i>For &gt;500 To 1,500, Add</i>	1.20	

**05 40 Cold-Formed Metal Framing** <sup>(05)</sup>

Note: Includes all connecting bolts and welds.

**05 41 Structural Metal Stud Framing** <sup>(05 40)</sup>

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				<b>Runners</b> <small>(05 41)</small>		
05 41 00 00-0002	SF			2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.32		1.04
				<i>For Walls &gt;10' High, Add</i>	0.86	
				<i>For Curved Wall, Add</i>	0.72	
				<i>For Up To 200, Add</i>	1.35	
				<i>For &gt;200 To 500, Add</i>	0.67	
				<i>For 12" On Center, Add</i>	0.74	
				<i>For 24" On Center, Deduct</i>	-0.74	
05 41 00 00-0003	SF			3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.76		1.04
				<i>For Walls &gt;10' High, Add</i>	0.95	
				<i>For Curved Wall, Add</i>	0.76	
				<i>For Up To 200, Add</i>	1.46	
				<i>For &gt;200 To 500, Add</i>	0.73	
				<i>For 12" On Center, Add</i>	0.83	
				<i>For 24" On Center, Deduct</i>	-0.83	
05 41 00 00-0004	SF			4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.96		1.04
				<i>For Walls &gt;10' High, Add</i>	0.99	
				<i>For Curved Wall, Add</i>	0.79	
				<i>For Up To 200, Add</i>	1.52	
				<i>For &gt;200 To 500, Add</i>	0.76	
				<i>For 12" On Center, Add</i>	0.86	
				<i>For 24" On Center, Deduct</i>	-0.86	
05 41 00 00-0005	SF			6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....6.08		1.15
				<i>For Walls &gt;10' High, Add</i>	1.22	
				<i>For Curved Wall, Add</i>	0.83	
				<i>For Up To 200, Add</i>	1.77	
				<i>For &gt;200 To 500, Add</i>	0.88	
				<i>For 12" On Center, Add</i>	1.08	
				<i>For 24" On Center, Deduct</i>	-1.08	
05 41 00 00-0006	SF			8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....6.71		1.27
				<i>For Walls &gt;10' High, Add</i>	1.34	
				<i>For Curved Wall, Add</i>	0.86	
				<i>For Up To 200, Add</i>	1.91	
				<i>For &gt;200 To 500, Add</i>	0.96	
				<i>For 12" On Center, Add</i>	1.20	
				<i>For 24" On Center, Deduct</i>	-1.20	
05 41 00 00-0007				<b>16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners</b> <small>(05 41)</small>		
05 41 00 00-0008	SF			2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....4.61		1.04
				<i>For Walls &gt;10' High, Add</i>	0.92	
				<i>For Curved Wall, Add</i>	0.76	
				<i>For Up To 200, Add</i>	1.43	
				<i>For &gt;200 To 500, Add</i>	0.71	
				<i>For 12" On Center, Add</i>	0.80	
				<i>For 24" On Center, Deduct</i>	-0.80	
05 41 00 00-0009	SF			3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.23		1.05
				<i>For Walls &gt;10' High, Add</i>	1.05	
				<i>For Curved Wall, Add</i>	0.80	
				<i>For Up To 200, Add</i>	1.58	
				<i>For &gt;200 To 500, Add</i>	0.79	
				<i>For 12" On Center, Add</i>	0.91	
				<i>For 24" On Center, Deduct</i>	-0.91	
05 41 00 00-0010	SF			4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....5.50		1.05
				<i>For Walls &gt;10' High, Add</i>	1.10	
				<i>For Curved Wall, Add</i>	0.83	
				<i>For Up To 200, Add</i>	1.65	
				<i>For &gt;200 To 500, Add</i>	0.83	
				<i>For 12" On Center, Add</i>	0.96	
				<i>For 24" On Center, Deduct</i>	-0.96	
05 41 00 00-0011	SF			6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....6.74		1.27
				<i>For Walls &gt;10' High, Add</i>	1.35	
				<i>For Curved Wall, Add</i>	0.87	
				<i>For Up To 200, Add</i>	1.93	
				<i>For &gt;200 To 500, Add</i>	0.96	
				<i>For 12" On Center, Add</i>	1.20	
				<i>For 24" On Center, Deduct</i>	-1.20	
05 41 00 00-0012	SF			8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....7.38		1.38
				<i>For Walls &gt;10' High, Add</i>	1.48	
				<i>For Curved Wall, Add</i>	0.92	
				<i>For Up To 200, Add</i>	2.09	
				<i>For &gt;200 To 500, Add</i>	1.04	
				<i>For 12" On Center, Add</i>	1.32	
				<i>For 24" On Center, Deduct</i>	-1.32	
05 41 00 00-0013				<b>14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners</b> <small>(05 41)</small>		

**05 Metals****05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 41 00 00-0014	SF		3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners .....	6.22	1.44
			<i>For Walls &gt;10' High, Add</i>	1.24	
			<i>For Curved Wall, Add</i>	0.96	
			<i>For Up To 200, Add</i>	1.88	
			<i>For &gt;200 To 500, Add</i>	0.94	
			<i>For 12" On Center, Add</i>	1.08	
			<i>For 24" On Center, Deduct</i>	-1.08	
05 41 00 00-0015	SF		4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.39	1.46
			<i>For Walls &gt;10' High, Add</i>	1.28	
			<i>For Curved Wall, Add</i>	0.98	
			<i>For Up To 200, Add</i>	1.93	
			<i>For &gt;200 To 500, Add</i>	0.96	
			<i>For 12" On Center, Add</i>	1.12	
			<i>For 24" On Center, Deduct</i>	-1.12	
05 41 00 00-0016	SF		6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.76	1.54
			<i>For Walls &gt;10' High, Add</i>	1.55	
			<i>For Curved Wall, Add</i>	1.02	
			<i>For Up To 200, Add</i>	2.23	
			<i>For &gt;200 To 500, Add</i>	1.12	
			<i>For 12" On Center, Add</i>	1.38	
			<i>For 24" On Center, Deduct</i>	-1.38	
05 41 00 00-0017	SF		8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	8.46	1.61
			<i>For Walls &gt;10' High, Add</i>	1.69	
			<i>For Curved Wall, Add</i>	1.07	
			<i>For Up To 200, Add</i>	2.41	
			<i>For &gt;200 To 500, Add</i>	1.20	
			<i>For 12" On Center, Add</i>	1.51	
			<i>For 24" On Center, Deduct</i>	-1.51	

**05 42 Cold-Formed Metal Joist Framing** (05 40)**05 42 13 Cold-Formed Metal Floor Joist Framing** (05 42)

Note: Floor or roof joist framing

**05 42 13 00-0001 Steel Joists, 18 Gauge** (05 42 13)

05 42 13 00-0002	LF	5-1/2" - 18 Gauge Steel Joists .....	9.60	2.74
05 42 13 00-0003	LF	6" - 18 Gauge Steel Joists .....	10.70	3.44
05 42 13 00-0004	LF	7-1/4" - 18 Gauge Steel Joists .....	11.55	3.78
05 42 13 00-0005	LF	8" - 18 Gauge Steel Joists .....	11.95	4.02

**05 42 13 00-0006 Steel Joists, 16 Gauge** (05 42 13)

05 42 13 00-0007	LF	7-1/4" - 16 Gauge Steel Joists .....	12.34	3.81
05 42 13 00-0008	LF	8" - 16 Gauge Steel Joists .....	13.03	4.02

**05 42 13 00-0009 Steel Joists, 14 Gauge** (05 42 13)

05 42 13 00-0010	LF	9-1/4" - 14 Gauge Steel Joists .....	14.47	4.02
05 42 13 00-0011	LF	11-1/2" - 14 Gauge Steel Joists .....	15.64	4.23

**05 42 23 Cold-Formed Metal Roof Joist Framing** (05 42)

See CSI section 05 42 13 00-0000 for metal joist framing.

**05 43 Slotted Channel Framing** (05 40)**05 43 00 00-0001 Unistrut Channel** (05 43)

Note: Excludes fasteners and accessories.

**05 43 00 00-0002 Steel Unistrut Channel** (05 43 00 00-0001)

05 43 00 00-0003	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....	14.45	3.01
		<i>For Powder Coating, Add</i>	1.26	
		<i>For Galvanizing, Add</i>	1.43	
05 43 00 00-0004	LF	1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel .....	14.86	3.01
		<i>For Powder Coating, Add</i>	1.33	
		<i>For Galvanizing, Add</i>	1.50	
05 43 00 00-0005	LF	1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	15.49	3.01
		<i>For Powder Coating, Add</i>	1.42	
		<i>For Galvanizing, Add</i>	1.61	
05 43 00 00-0006	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	13.63	3.01
		<i>For Powder Coating, Add</i>	1.14	
		<i>For Galvanizing, Add</i>	1.29	
05 43 00 00-0007	LF	1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel .....	11.84	3.01
		<i>For Powder Coating, Add</i>	0.87	
		<i>For Galvanizing, Add</i>	0.99	

**05 43 00 00-0008 Stainless Steel Unistrut Channel** (05 43 00 00-0001)**05 43 00 00-0009 304 Stainless Steel Unistrut Channel** (05 43 00 00-0008)

05 43 00 00-0010	LF	1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	32.11	3.01
05 43 00 00-0011	LF	1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	38.49	3.01
05 43 00 00-0012	LF	1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	36.90	3.01
05 43 00 00-0013	LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel .....	46.75	3.01



<b>Metals</b>	<b>05</b>	<b>05</b>
<b>Cold-Formed Metal Framing</b>	<b>05 40</b>	
<b>Slotted Channel Framing</b>	<b>05 43</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 43 00 00-0014</b> <b>316 Stainless Steel Unistrut Channel</b> <small>(05 43 00 00-0008)</small>		
05 43 00 00-0015    LF    1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	52.79	3.01
<b>05 43 00 00-0016</b> <b>Unistrut Closure Strips</b> <small>(05 43)</small>		
05 43 00 00-0017    LF    Steel Raceway Closure Strip For Unistrut Channel.....	7.67	0.66
<b>05 43 00 00-0018</b> <b>Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43)</small>		
Note: Includes hex bolt.		
<b>05 43 00 00-0019</b> <b>Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43 00 00-0018)</small>		
Note: Includes hex bolt.		
05 43 00 00-0020    EA    1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	9.12	
05 43 00 00-0021    EA    3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	9.99	
05 43 00 00-0022    EA    1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	10.65	
05 43 00 00-0023    EA    5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	14.17	
<b>05 43 00 00-0024</b> <b>Stainless Steel Lock Nuts With Spring For Unistrut Channel</b> <small>(05 43 00 00-0018)</small>		
Note: Includes hex bolt.		
05 43 00 00-0025    EA    1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	18.65	
05 43 00 00-0026    EA    3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	19.82	
05 43 00 00-0027    EA    1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	27.83	
05 43 00 00-0028    EA    5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel.....	47.25	
<b>05 43 00 00-0029</b> <b>Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43)</small>		
Note: Includes hex bolt.		
<b>05 43 00 00-0030</b> <b>Steel Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43 00 00-0029)</small>		
Note: Includes hex bolt.		
05 43 00 00-0031    EA    1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	9.15	
05 43 00 00-0032    EA    3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	10.11	
05 43 00 00-0033    EA    1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	10.70	
05 43 00 00-0034    EA    5/8-11, Steel Lock Nut Without Spring For Unistrut Channel.....	15.18	
<b>05 43 00 00-0035</b> <b>Stainless Steel Lock Nuts Without Spring For Unistrut Channel</b> <small>(05 43 00 00-0029)</small>		
Note: Includes hex bolt.		
05 43 00 00-0036    EA    1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	13.51	
05 43 00 00-0037    EA    3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	16.18	
05 43 00 00-0038    EA    1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	17.59	
05 43 00 00-0039    EA    5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	46.05	
<b>05 43 00 00-0040</b> <b>Beam Clamp For Unistrut Channel</b> <small>(05 43)</small>		
05 43 00 00-0041    EA    1-5/8" Channel, P2675 Unistrut Beam Clamp.....	28.24	10.00
05 43 00 00-0042    EA    1-5/8" Channel, P2676 Unistrut Beam Clamp.....	35.90	10.00
05 43 00 00-0043    EA    Add For Unistrut Swivel Nut, P2676.....	4.17	
<b>05 43 00 00-0044</b> <b>Beam Clamp Clevis Hangers For Unistrut Channel</b> <small>(05 43)</small>		
05 43 00 00-0045    EA    Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674).....	30.90	10.00
05 43 00 00-0046    EA    Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677).....	36.99	10.00
05 43 00 00-0047    EA    Add For Unistrut Swivel Nut.....	4.17	
05 43 00 00-0048    EA    6-Hole ElectroGalvanized Steel Shelf Bracket For Unistrut.....	187.85	13.34
<b>05 43 00 00-0049</b> <b>Accessories For Unistrut Channel</b> <small>(05 43)</small>		
05 43 00 00-0050    EA    Trolley Truck Hanger, 1-5/8" Channel P1834.....	63.39	10.00
05 43 00 00-0051    EA    Flat Plate Fitting, One Hole, 1-5/8" Channel P1064.....	16.96	6.67
05 43 00 00-0052    EA    60 Degree Angle, 1-5/8" Channel P2097.....	17.68	6.67
<b>05 43 00 00-0053</b> <b>Bases For Unistrut Channel</b> <small>(05 43)</small>		
<b>05 43 00 00-0054</b> <b>Steel Bases For Unistrut Channel</b> <small>(05 43 00 00-0053)</small>		
Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0055    EA    6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel.....	129.04	33.35
05 43 00 00-0056    EA    6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel.....	130.57	33.35
05 43 00 00-0057    EA    6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel.....	181.95	33.35
05 43 00 00-0058    EA    6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel.....	151.93	33.35
<b>05 43 00 00-0059</b> <b>Stainless Steel Bases For Unistrut Channel</b> <small>(05 43 00 00-0053)</small>		
Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0060    EA    6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	239.23	33.35
05 43 00 00-0061    EA    6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	430.43	33.35

<b>05</b>	<b>05 Metals</b>
	<b>05 40 Cold-Formed Metal Framing</b>
	<b>05 43 Slotted Channel Framing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

05 43 00 00-0062 EA 6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel.....	326.81	33.35
05 43 00 00-0063 EA 6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel.....	481.86	33.35
05 43 00 00-0064 EA 6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel.....	419.48	33.35

**05 44 Cold-Formed Metal Trusses** (05 40)

**05 44 13 Cold-Formed Metal Roof Trusses** (05 44)

05 44 13 00-0001 Roof Truss <small>(05 44 13)</small>		
05 44 13 00-0002 SF Light Gauge Metal Roof Truss .....		33.42

**05 45 Metal Support Assemblies** (05 40)

- 05 45 13 Mechanical Metal Supports** (05 45)  
See CSI section 23 05 29 00-0000 for metal supports.
- 05 45 16 Electrical Metal Supports** (05 45)  
See CSI section 26 05 29 00-0000 for metal supports.

**05 50 Metal Fabrications** (05)

**05 51 Metal Stairs** (05 50)

**05 51 13 Metal Pan Stairs** (05 51)

Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail.  
See CSI section 05 52 13 00-0000 for handrails.

05 51 13 00-0001 Open Concrete Filled Metal Pan Stair And Landing <small>(05 51 13)</small>		
Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
05 51 13 00-0002 RSR 3'-6" Wide Open Concrete Filled Metal Pan Tread Stair .....	1,204.69	38.60
<i>For Closed Riser, Add</i>		
	139.27	
05 51 13 00-0003 RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair .....	1,368.81	45.03
<i>For Closed Riser, Add</i>		
	158.08	
05 51 13 00-0004 RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair .....	1,524.51	52.75
<i>For Closed Riser, Add</i>		
	175.70	
05 51 13 00-0005 SF Concrete Filled Steel Pan Landing .....	81.35	6.43
Note: Conventional shape.		

**05 51 19 Metal Grating Stairs** (05 51)

Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.

05 51 19 00-0001 Open Steel Grating Tread Metal Stair And Landing <small>(05 51 19)</small>		
Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
05 51 19 00-0002 RSR 3'-6" Wide Open Steel Grating Tread Metal Stair .....	583.77	51.46
<i>For Closed Riser, Add</i>		
	70.23	
<i>For Galvanized Steel, Add</i>		
	120.21	
05 51 19 00-0003 RSR 4'-0" Wide Open Steel Grating Tread Metal Stair .....	622.10	59.18
<i>For Closed Riser, Add</i>		
	74.36	
<i>For Galvanized Steel, Add</i>		
	125.94	
05 51 19 00-0004 RSR 5'-0" Wide Open Steel Grating Tread Metal Stair .....	688.48	69.48
<i>For Closed Riser, Add</i>		
	81.86	
<i>For Galvanized Steel, Add</i>		
	137.39	
05 51 19 00-0005 SF Steel Grating Landing With Framing And 2 Pipe Handrail .....	108.16	6.43
Note: Conventional shape.		
<i>For Galvanized Steel, Add</i>		
	20.61	

**05 51 33 Metal Ladders** (05 51)

Note: Includes factory prime.

**05 51 33 13 Vertical Metal Ladders** (05 51 33)

**05 51 33 13-0001 Vertical Ladders** (05 51 33 13)

Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"

05 51 33 13-0002 VLF 20" Wide Fixed Vertical Steel Ladder Primed .....	113.66	15.44
<i>For Galvanized Steel, Add</i>		
	16.31	
<i>For Aluminum, Add</i>		
	32.61	
05 51 33 13-0003 VLF 24" Wide Fixed Vertical Steel Ladder Primed .....	130.19	15.44
<i>For Galvanized Steel, Add</i>		
	20.44	
<i>For Aluminum, Add</i>		
	40.88	
05 51 33 13-0004 VLF 20" Wide Fixed Vertical Steel Caged Ladder Primed.....	271.47	25.73
<i>For Galvanized Steel, Add</i>		
	47.37	
<i>For Aluminum, Add</i>		
	94.73	
05 51 33 13-0005 VLF 24" Wide Fixed Vertical Steel Caged Ladder Primed.....	304.52	25.73
<i>For Galvanized Steel, Add</i>		
	55.63	
<i>For Aluminum, Add</i>		
	111.26	

**05 51 33 13-0006 Vertical Ladders Options** (05 51 33 13)

05 51 33 13-0007 EA 20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed .....	457.71	48.24
Note: Extends 42" above landing surface. Includes mounting bracket.		
<i>For Galvanized Steel, Add</i>		
	90.30	
<i>For Aluminum, Add</i>		
	180.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 13-0008 EA 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed .....	501.32	51.46
Note: Extends 42" above landing surface. Includes mounting bracket.		
<i>For Galvanized Steel, Add</i>	99.60	
<i>For Aluminum, Add</i>	199.20	
05 51 33 13-0009 EA Security Cage Entry Gate With Lockable Hasp .....	548.60	16.08
05 51 33 13-0010 EA 6' Powder Coated, Security Ladder Guard .....	1,475.82	96.50
05 51 33 13-0011 EA 8' Powder Coated, Security Ladder Guard .....	1,765.61	112.58
05 51 33 13-0012 EA Safety Chain Attachment .....	270.08	
<b>05 51 33 13-0013 Welded Steel Ladder Cages</b> <small>(05 51 33 13)</small>		
Note: For existing fixed ladders up to 20" wide. Excludes the ladder.		
<b>05 51 33 13-0014 Powder Coated, Welded Steel Ladder Cages</b> <small>(05 51 33 13-0013)</small>		
05 51 33 13-0015 EA 7-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	2,507.81	192.98
05 51 33 13-0016 EA 8-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	2,724.30	199.41
05 51 33 13-0017 EA 9-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	2,896.53	205.85
05 51 33 13-0018 EA 10-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,080.56	212.28
05 51 33 13-0019 EA 11-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,187.86	218.72
05 51 33 13-0020 EA 12-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,363.03	225.14
05 51 33 13-0021 EA 13-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,517.55	231.58
05 51 33 13-0022 EA 14-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,719.28	238.01
05 51 33 13-0023 EA 15-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	3,915.12	244.45
05 51 33 13-0024 EA 16-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	4,075.54	250.88
05 51 33 13-0025 EA 17-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	4,271.37	257.31
05 51 33 13-0026 EA 18-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	4,461.31	263.75
05 51 33 13-0027 EA 19-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	4,648.28	270.17
05 51 33 13-0028 EA 20-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	4,988.71	276.61
05 51 33 13-0029 EA 21-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	5,090.12	283.04
05 51 33 13-0030 EA 22-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	5,265.30	289.48
05 51 33 13-0031 EA 23-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	5,425.71	295.91
05 51 33 13-0032 EA 24-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	5,574.33	302.34
05 51 33 13-0033 EA 25-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	5,905.92	308.77
05 51 33 13-0034 EA 26-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	6,084.04	315.20
05 51 33 13-0035 EA 27-1/2' Length, Powder Coated, Welded Steel Ladder Cage .....	6,250.36	321.64
<b>05 51 33 13-0036 Welded Stainless Steel Ladder Cages</b> <small>(05 51 33 13-0013)</small>		
05 51 33 13-0037 EA 7-1/2' Length, Welded Stainless Steel Ladder Cage .....	6,264.56	192.98
05 51 33 13-0038 EA 8-1/2' Length, Welded Stainless Steel Ladder Cage .....	6,693.53	199.41
05 51 33 13-0039 EA 9-1/2' Length, Welded Stainless Steel Ladder Cage .....	7,408.76	205.85
05 51 33 13-0040 EA 10-1/2' Length, Welded Stainless Steel Ladder Cage .....	7,761.00	212.28
05 51 33 13-0041 EA 11-1/2' Length, Welded Stainless Steel Ladder Cage .....	8,057.17	218.72
05 51 33 13-0042 EA 12-1/2' Length, Welded Stainless Steel Ladder Cage .....	8,450.72	225.14
05 51 33 13-0043 EA 13-1/2' Length, Welded Stainless Steel Ladder Cage .....	9,160.05	231.58
05 51 33 13-0044 EA 14-1/2' Length, Welded Stainless Steel Ladder Cage .....	9,518.19	238.01
05 51 33 13-0045 EA 15-1/2' Length, Welded Stainless Steel Ladder Cage .....	9,888.14	244.45
05 51 33 13-0046 EA 16-1/2' Length, Welded Stainless Steel Ladder Cage .....	10,293.51	250.88
05 51 33 13-0047 EA 17-1/2' Length, Welded Stainless Steel Ladder Cage .....	11,017.58	257.31
05 51 33 13-0048 EA 18-1/2' Length, Welded Stainless Steel Ladder Cage .....	11,378.68	263.75
05 51 33 13-0049 EA 19-1/2' Length, Welded Stainless Steel Ladder Cage .....	11,722.07	270.17
05 51 33 13-0050 EA 20-1/2' Length, Welded Stainless Steel Ladder Cage .....	12,292.69	276.61
05 51 33 13-0051 EA 21-1/2' Length, Welded Stainless Steel Ladder Cage .....	12,934.14	283.04
05 51 33 13-0052 EA 22-1/2' Length, Welded Stainless Steel Ladder Cage .....	13,289.34	289.48
05 51 33 13-0053 EA 23-1/2' Length, Welded Stainless Steel Ladder Cage .....	13,653.38	295.91
05 51 33 13-0054 EA 24-1/2' Length, Welded Stainless Steel Ladder Cage .....	13,993.82	302.34
05 51 33 13-0055 EA 25-1/2' Length, Welded Stainless Steel Ladder Cage .....	14,871.36	308.77
05 51 33 13-0056 EA 26-1/2' Length, Welded Stainless Steel Ladder Cage .....	15,211.80	315.20
05 51 33 13-0057 EA 27-1/2' Length, Welded Stainless Steel Ladder Cage .....	15,561.08	321.64
<b>05 51 33 16 Inclined Metal Ladders</b> <small>(05 51 33)</small>		
<b>05 51 33 16-0001 Industrial Ship Ladder, Incline Stairs</b> <small>(05 51 33 16)</small>		
Note: Includes factory prime.		
05 51 33 16-0002 RSR 3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side .....	416.46	64.32
<i>For Aluminum, Add</i>	143.90	
<b>05 51 33 23 Alternating Tread Ladders</b> <small>(05 51 33)</small>		
<b>05 51 33 23-0001 Vertical Ladders With Alternating Tread</b> <small>(05 51 33 23)</small>		
05 51 33 23-0002 EA 4' Vertical Height Aluminum Alternating Tread Ladder .....	2,866.24	192.98
<i>For Stainless Steel, Add</i>	266.76	
<i>For Primed Steel, Deduct</i>	-222.30	
05 51 33 23-0003 EA 5' Vertical Height Aluminum Alternating Tread Ladder .....	3,286.47	204.56
<i>For Stainless Steel, Add</i>	325.04	
<i>For Primed Steel, Deduct</i>	-253.53	
05 51 33 23-0004 EA 6' Vertical Height Aluminum Alternating Tread Ladder .....	3,654.45	204.56
<i>For Stainless Steel, Add</i>	385.88	
<i>For Primed Steel, Deduct</i>	-281.99	



<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 51 Metal Stairs</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0005	EA		7' Vertical Height Aluminum Alternating Tread Ladder .....	4,166.34	257.05
			<i>For Stainless Steel, Add</i>	446.67	
			<i>For Primed Steel, Deduct</i>	-306.05	
05 51 33 23-0006	EA		8' Vertical Height Aluminum Alternating Tread Ladder .....	4,579.28	266.16
			<i>For Stainless Steel, Add</i>	516.88	
			<i>For Primed Steel, Deduct</i>	-332.28	
05 51 33 23-0007	EA		9' Vertical Height Aluminum Alternating Tread Ladder .....	4,904.43	266.16
			<i>For Stainless Steel, Add</i>	582.49	
			<i>For Primed Steel, Deduct</i>	-351.50	
05 51 33 23-0008	EA		10' Vertical Height Aluminum Alternating Tread Ladder .....	5,384.69	296.90
			<i>For Stainless Steel, Add</i>	659.25	
			<i>For Primed Steel, Deduct</i>	-373.58	
05 51 33 23-0009	EA		11' Vertical Height Aluminum Alternating Tread Ladder .....	5,748.99	296.90
			<i>For Stainless Steel, Add</i>	737.70	
			<i>For Primed Steel, Deduct</i>	-392.64	
05 51 33 23-0010	EA		12' Vertical Height Aluminum Alternating Tread Ladder .....	6,032.43	296.90
			<i>For Stainless Steel, Add</i>	806.84	
			<i>For Primed Steel, Deduct</i>	-403.42	

**05 52 Metal Railings** (05 50)

**05 52 13 Pipe and Tube Railings** (05 52)

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

**05 52 13 00-0001 Welded Steel Pipe Railing** (05 52 13)

Note: Includes field welds and touch-up of welds.

**05 52 13 00-0002 Two Rail, Up To 42" High, Welded Steel Pipe Railings** (05 52 13 00-0001)

Note: Includes factory primed posts and two rails.

05 52 13 00-0003	LF		1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	54.60	12.87
			<i>For 1/2" Diameter Pickets, &gt;2" To 3" On Center, Add</i>	56.22	
			<i>For 1/2" Diameter Pickets, &gt;3" To 4-1/2" On Center, Add</i>	41.43	
			<i>For 1/2" Diameter Pickets, &gt;4-1/2" To 6" On Center, Add</i>	26.64	
			<i>For 3/4" Diameter Pickets, &gt;2" To 3" On Center, Add</i>	71.15	
			<i>For 3/4" Diameter Pickets, &gt;3" To 4-1/2" On Center, Add</i>	52.43	
			<i>For 3/4" Diameter Pickets, &gt;4-1/2" To 6" On Center, Add</i>	33.71	
			<i>For 1" Diameter Pickets, &gt;2" To 3" On Center, Add</i>	100.79	
			<i>For 1" Diameter Pickets, &gt;3" To 4-1/2" On Center, Add</i>	74.27	
			<i>For 1" Diameter Pickets, &gt;4-1/2" To 6" On Center, Add</i>	47.75	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.35	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.22	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-9.53	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-11.26	
			<i>For ADA Handrail P-Loop End Return, Add Per Each</i>	66.19	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	15.05	
			<i>For Aluminum, Satin Finish, Add</i>	12.13	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	18.77	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	21.65	
			<i>For Galvanizing, Add</i>	11.55	
			<i>For Wrought Iron, Add</i>	5.46	
			<i>For Solid Steel Rails, Add</i>	10.92	
			<i>For 304 Stainless Steel, Add</i>	92.38	
			<i>For 316 Stainless Steel, Add</i>	103.93	
			<i>For 2" Wheel Guard, Add</i>	2.74	
			<i>For 4" High Kick Plate, Add</i>	3.61	
			<i>For 6" High Kick Plate, Add</i>	5.77	
			<i>For Curved Rail, Add</i>	25.04	
			<i>For Mounting On Stairs, Add</i>	16.38	
			<i>For Mounting On Slopes, Add</i>	5.46	
			<i>For Post Base Flange With Screws, Add Per Post</i>	20.07	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.36	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	20.87	
			<i>For Nylon Coating, Add</i>	4.33	



	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Railings	05 52

05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0004 LF 1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	59.58	12.87
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
For 11 Gauge A513 Steel Tubing, Deduct	-7.45	
For 12 Gauge A513 Steel Tubing, Deduct	-8.46	
For 14 Gauge A513 Steel Tubing, Deduct	-11.17	
For 16 Gauge A513 Steel Tubing, Deduct	-13.20	
For ADA Handrail P-Loop End Return, Add Per Each	84.25	
For Additional Off Set Handrail, ADA Attachment, Add	16.76	
For Aluminum, Satin Finish, Add	14.22	
For Aluminum, Clear Anodized Finish, Add	22.00	
For Aluminum, Dark Anodized Finish, Add	25.39	
For Galvanizing, Add	13.54	
For Wrought Iron, Add	5.96	
For Solid Steel Rails, Add	11.92	
For 304 Stainless Steel, Add	108.32	
For 316 Stainless Steel, Add	121.86	
For 2" Wheel Guard, Add	3.22	
For 4" High Kick Plate, Add	4.23	
For 6" High Kick Plate, Add	6.77	
For Curved Rail, Add	28.03	
For Mounting On Stairs, Add	17.87	
For Mounting On Slopes, Add	5.96	
For Post Base Flange With Screws, Add Per Post	20.07	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.36	
For Custom Design Or Shapes (Square Tops, etc), Add	23.36	
For Nylon Coating, Add	5.08	
For Schedule 80 Handrail, Add	13.06	
05 52 13 00-0005 LF 1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	64.55	12.87
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
For 11 Gauge A513 Steel Tubing, Deduct	-8.54	
For 12 Gauge A513 Steel Tubing, Deduct	-9.71	
For 14 Gauge A513 Steel Tubing, Deduct	-12.81	
For 16 Gauge A513 Steel Tubing, Deduct	-15.14	
For ADA Handrail P-Loop End Return, Add Per Each	98.07	
For Additional Off Set Handrail, ADA Attachment, Add	18.46	
For Aluminum, Satin Finish, Add	16.30	
For Aluminum, Clear Anodized Finish, Add	25.23	
For Aluminum, Dark Anodized Finish, Add	29.12	
For Galvanizing, Add	15.53	
For Wrought Iron, Add	6.46	
For Solid Steel Rails, Add	12.91	
For 304 Stainless Steel, Add	124.22	
For 316 Stainless Steel, Add	139.75	
For 2" Wheel Guard, Add	3.69	
For 4" High Kick Plate, Add	4.85	
For 6" High Kick Plate, Add	7.76	
For Curved Rail, Add	31.01	
For Mounting On Stairs, Add	19.37	
For Mounting On Slopes, Add	6.46	
For Post Base Flange With Screws, Add Per Post	20.07	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.36	
For Custom Design Or Shapes (Square Tops, etc), Add	25.84	
For Nylon Coating, Add	5.82	



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

05 52 13 00-0006	LF 2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	73.17	12.87
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
	For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
	For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
	For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
	For 11 Gauge A513 Steel Tubing, Deduct	-10.44	
	For 12 Gauge A513 Steel Tubing, Deduct	-11.86	
	For 14 Gauge A513 Steel Tubing, Deduct	-15.66	
	For 16 Gauge A513 Steel Tubing, Deduct	-18.50	
	For ADA Handrail P-Loop End Return, Add Per Each	125.75	
	For Additional Off Set Handrail, ADA Attachment, Add	21.42	
	For Aluminum, Satin Finish, Add	19.92	
	For Aluminum, Clear Anodized Finish, Add	30.84	
	For Aluminum, Dark Anodized Finish, Add	35.58	
	For Galvanizing, Add	18.98	
	For Wrought Iron, Add	7.32	
	For Solid Steel Rails, Add	14.63	
	For 304 Stainless Steel, Add	151.81	
	For 316 Stainless Steel, Add	170.78	
	For 2" Wheel Guard, Add	4.51	
	For 4" High Kick Plate, Add	5.93	
	For 6" High Kick Plate, Add	9.49	
	For Curved Rail, Add	36.18	
	For Mounting On Stairs, Add	21.95	
	For Mounting On Slopes, Add	7.32	
	For Post Base Flange With Screws, Add Per Post	20.07	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.36	
	For Custom Design Or Shapes (Square Tops, etc), Add	30.15	
	For Nylon Coating, Add	7.12	
05 52 13 00-0007	LF 2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing .....	83.51	12.87
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
	For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
	For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
	For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
	For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	158.32	
	For 11 Gauge A513 Steel Tubing, Deduct	-12.71	
	For 12 Gauge A513 Steel Tubing, Deduct	-14.45	
	For 14 Gauge A513 Steel Tubing, Deduct	-19.07	
	For 16 Gauge A513 Steel Tubing, Deduct	-22.53	
	For ADA Handrail P-Loop End Return, Add Per Each	187.82	
	For Additional Off Set Handrail, ADA Attachment, Add	24.97	
	For Aluminum, Satin Finish, Add	24.27	
	For Aluminum, Clear Anodized Finish, Add	37.56	
	For Aluminum, Dark Anodized Finish, Add	43.34	
	For Galvanizing, Add	23.11	
	For Wrought Iron, Add	8.35	
	For Solid Steel Rails, Add	16.70	
	For 304 Stainless Steel, Add	184.90	
	For 316 Stainless Steel, Add	208.01	
	For 2" Wheel Guard, Add	5.49	
	For 4" High Kick Plate, Add	7.22	
	For 6" High Kick Plate, Add	11.56	
	For Curved Rail, Add	42.39	
	For Mounting On Stairs, Add	25.05	
	For Mounting On Slopes, Add	8.35	
	For Post Base Flange With Screws, Add Per Post	20.07	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.36	
	For Custom Design Or Shapes (Square Tops, etc), Add	35.32	
	For Nylon Coating, Add	8.67	

05 52 13 00-0008 Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and three rails.



	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Railings	05 52

05

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009	LF 1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	83.93	15.44
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 11 Gauge A513 Steel Tubing, Deduct	-11.67	
	For 12 Gauge A513 Steel Tubing, Deduct	-13.26	
	For 14 Gauge A513 Steel Tubing, Deduct	-17.51	
	For 16 Gauge A513 Steel Tubing, Deduct	-20.69	
	For ADA Handrail P-Loop End Return, Add Per Each	66.19	
	For Additional Off Set Handrail, ADA Attachment, Add	16.08	
	For Aluminum, Satin Finish, Add	22.28	
	For Aluminum, Clear Anodized Finish, Add	34.48	
	For Aluminum, Dark Anodized Finish, Add	39.79	
	For Galvanizing, Add	21.22	
	For Wrought Iron, Add	8.39	
	For Solid Steel Rails, Add	16.79	
	For 304 Stainless Steel, Add	169.76	
	For 316 Stainless Steel, Add	190.98	
	For 2" Wheel Guard, Add	5.04	
	For 4" High Kick Plate, Add	6.63	
	For 6" High Kick Plate, Add	10.61	
	For Curved Rail, Add	41.09	
	For Mounting On Stairs, Add	25.18	
	For Mounting On Slopes, Add	8.39	
	For Post Base Flange With Screws, Add Per Post	20.59	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.13	
	For Custom Design Or Shapes (Square Tops, etc), Add	34.25	
	For Nylon Coating, Add	7.96	
05 52 13 00-0010	LF 1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	93.06	15.44
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 11 Gauge A513 Steel Tubing, Deduct	-13.68	
	For 12 Gauge A513 Steel Tubing, Deduct	-15.55	
	For 14 Gauge A513 Steel Tubing, Deduct	-20.52	
	For 16 Gauge A513 Steel Tubing, Deduct	-24.25	
	For ADA Handrail P-Loop End Return, Add Per Each	84.25	
	For Additional Off Set Handrail, ADA Attachment, Add	17.79	
	For Aluminum, Satin Finish, Add	26.12	
	For Aluminum, Clear Anodized Finish, Add	40.42	
	For Aluminum, Dark Anodized Finish, Add	46.64	
	For Galvanizing, Add	24.87	
	For Wrought Iron, Add	9.31	
	For Solid Steel Rails, Add	18.61	
	For 304 Stainless Steel, Add	198.98	
	For 316 Stainless Steel, Add	223.85	
	For 2" Wheel Guard, Add	5.91	
	For 4" High Kick Plate, Add	7.77	
	For 6" High Kick Plate, Add	12.44	
	For Curved Rail, Add	46.57	
	For Mounting On Stairs, Add	27.92	
	For Mounting On Slopes, Add	9.31	
	For Post Base Flange With Screws, Add Per Post	20.59	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.13	
	For Custom Design Or Shapes (Square Tops, etc), Add	38.81	
	For Nylon Coating, Add	9.33	
	For Schedule 80 Handrail, Add	18.09	



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

05 52 13 00-0011	LF 1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	102.19	15.44
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
	For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
	For 11 Gauge A513 Steel Tubing, Deduct	-15.69	
	For 12 Gauge A513 Steel Tubing, Deduct	-17.83	
	For 14 Gauge A513 Steel Tubing, Deduct	-23.53	
	For 16 Gauge A513 Steel Tubing, Deduct	-27.81	
	For ADA Handrail P-Loop End Return, Add Per Each	98.07	
	For Additional Off Set Handrail, ADA Attachment, Add	19.49	
	For Aluminum, Satin Finish, Add	29.95	
	For Aluminum, Clear Anodized Finish, Add	46.35	
	For Aluminum, Dark Anodized Finish, Add	53.48	
	For Galvanizing, Add	28.52	
	For Wrought Iron, Add	10.22	
	For Solid Steel Rails, Add	20.44	
	For 304 Stainless Steel, Add	228.19	
	For 316 Stainless Steel, Add	256.72	
	For 2" Wheel Guard, Add	6.77	
	For 4" High Kick Plate, Add	8.91	
	For 6" High Kick Plate, Add	14.26	
	For Curved Rail, Add	52.05	
	For Mounting On Stairs, Add	30.66	
	For Mounting On Slopes, Add	10.22	
	For Post Base Flange With Screws, Add Per Post	20.59	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.13	
	For Custom Design Or Shapes (Square Tops, etc), Add	43.38	
	For Nylon Coating, Add	10.70	
05 52 13 00-0012	LF 2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	118.07	15.44
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
	For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
	For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
	For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
	For 11 Gauge A513 Steel Tubing, Deduct	-19.18	
	For 12 Gauge A513 Steel Tubing, Deduct	-21.80	
	For 14 Gauge A513 Steel Tubing, Deduct	-28.77	
	For 16 Gauge A513 Steel Tubing, Deduct	-34.00	
	For ADA Handrail P-Loop End Return, Add Per Each	125.75	
	For Additional Off Set Handrail, ADA Attachment, Add	22.45	
	For Aluminum, Satin Finish, Add	36.62	
	For Aluminum, Clear Anodized Finish, Add	56.67	
	For Aluminum, Dark Anodized Finish, Add	65.39	
	For Galvanizing, Add	34.88	
	For Wrought Iron, Add	11.81	
	For Solid Steel Rails, Add	23.61	
	For 304 Stainless Steel, Add	279.01	
	For 316 Stainless Steel, Add	313.88	
	For 2" Wheel Guard, Add	8.28	
	For 4" High Kick Plate, Add	10.90	
	For 6" High Kick Plate, Add	17.44	
	For Curved Rail, Add	61.58	
	For Mounting On Stairs, Add	35.42	
	For Mounting On Slopes, Add	11.81	
	For Post Base Flange With Screws, Add Per Post	20.59	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.13	
	For Custom Design Or Shapes (Square Tops, etc), Add	51.32	
	For Nylon Coating, Add	13.08	



	<b>Metals</b>	<b>05</b>	
	Metal Fabrications	05 50	05
	Metal Railings	05 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0013 LF 2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	136.97	15.44
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	158.32	
For 11 Gauge A513 Steel Tubing, Deduct	-23.34	
For 12 Gauge A513 Steel Tubing, Deduct	-26.52	
For 14 Gauge A513 Steel Tubing, Deduct	-35.01	
For 16 Gauge A513 Steel Tubing, Deduct	-41.38	
For ADA Handrail P-Loop End Return, Add Per Each	187.82	
For Additional Off Set Handrail, ADA Attachment, Add	26.00	
For Aluminum, Satin Finish, Add	44.56	
For Aluminum, Clear Anodized Finish, Add	68.96	
For Aluminum, Dark Anodized Finish, Add	79.57	
For Galvanizing, Add	42.44	
For Wrought Iron, Add	13.70	
For Solid Steel Rails, Add	27.39	
For 304 Stainless Steel, Add	339.49	
For 316 Stainless Steel, Add	381.92	
For 2" Wheel Guard, Add	10.08	
For 4" High Kick Plate, Add	13.26	
For 6" High Kick Plate, Add	21.22	
For Curved Rail, Add	72.92	
For Mounting On Stairs, Add	41.09	
For Mounting On Slopes, Add	13.70	
For Post Base Flange With Screws, Add Per Post	20.59	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.13	
For Custom Design Or Shapes (Square Tops, etc), Add	60.77	
For Nylon Coating, Add	15.91	
<b>05 52 13 00-0014 Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)</b>		
Note: Includes factory primed posts and four rails.		
05 52 13 00-0015 LF 1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	101.12	18.01
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 11 Gauge A513 Steel Tubing, Deduct	-14.32	
For 12 Gauge A513 Steel Tubing, Deduct	-16.28	
For 14 Gauge A513 Steel Tubing, Deduct	-21.48	
For 16 Gauge A513 Steel Tubing, Deduct	-25.39	
For ADA Handrail P-Loop End Return, Add Per Each	66.19	
For Additional Off Set Handrail, ADA Attachment, Add	17.10	
For Aluminum, Satin Finish, Add	27.34	
For Aluminum, Clear Anodized Finish, Add	42.32	
For Aluminum, Dark Anodized Finish, Add	48.83	
For Galvanizing, Add	26.04	
For Wrought Iron, Add	10.11	
For Solid Steel Rails, Add	20.22	
For 304 Stainless Steel, Add	208.32	
For 316 Stainless Steel, Add	234.36	
For 2" Wheel Guard, Add	6.18	
For 4" High Kick Plate, Add	8.14	
For 6" High Kick Plate, Add	13.02	
For Curved Rail, Add	49.87	
For Mounting On Stairs, Add	30.34	
For Mounting On Slopes, Add	10.11	
For Post Base Flange With Screws, Add Per Post	21.10	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.90	
For Custom Design Or Shapes (Square Tops, etc), Add	41.56	
For Nylon Coating, Add	9.77	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

05 52 13 00-0016	LF 1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	109.23	18.01
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 11 Gauge A513 Steel Tubing, Deduct	-16.11	
	For 12 Gauge A513 Steel Tubing, Deduct	-18.30	
	For 14 Gauge A513 Steel Tubing, Deduct	-24.16	
	For 16 Gauge A513 Steel Tubing, Deduct	-28.55	
	For ADA Handrail P-Loop End Return, Add Per Each	84.25	
	For Additional Off Set Handrail, ADA Attachment, Add	18.81	
	For Aluminum, Satin Finish, Add	30.75	
	For Aluminum, Clear Anodized Finish, Add	47.59	
	For Aluminum, Dark Anodized Finish, Add	54.91	
	For Galvanizing, Add	29.28	
	For Wrought Iron, Add	10.92	
	For Solid Steel Rails, Add	21.85	
	For 304 Stainless Steel, Add	234.27	
	For 316 Stainless Steel, Add	263.56	
	For 2" Wheel Guard, Add	6.95	
	For 4" High Kick Plate, Add	9.15	
	For 6" High Kick Plate, Add	14.64	
	For Curved Rail, Add	54.73	
	For Mounting On Stairs, Add	32.77	
	For Mounting On Slopes, Add	10.92	
	For Post Base Flange With Screws, Add Per Post	21.10	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.90	
	For Custom Design Or Shapes (Square Tops, etc), Add	45.61	
	For Nylon Coating, Add	10.98	
	For Schedule 80 Handrail, Add	23.42	
05 52 13 00-0017	LF 1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	117.34	18.01
	For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
	For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
	For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
	For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
	For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
	For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
	For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
	For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
	For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
	For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
	For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
	For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
	For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
	For 11 Gauge A513 Steel Tubing, Deduct	-17.89	
	For 12 Gauge A513 Steel Tubing, Deduct	-20.33	
	For 14 Gauge A513 Steel Tubing, Deduct	-26.84	
	For 16 Gauge A513 Steel Tubing, Deduct	-31.71	
	For ADA Handrail P-Loop End Return, Add Per Each	98.07	
	For Additional Off Set Handrail, ADA Attachment, Add	20.51	
	For Aluminum, Satin Finish, Add	34.15	
	For Aluminum, Clear Anodized Finish, Add	52.86	
	For Aluminum, Dark Anodized Finish, Add	60.99	
	For Galvanizing, Add	32.53	
	For Wrought Iron, Add	11.73	
	For Solid Steel Rails, Add	23.47	
	For 304 Stainless Steel, Add	260.22	
	For 316 Stainless Steel, Add	292.75	
	For 2" Wheel Guard, Add	7.73	
	For 4" High Kick Plate, Add	10.17	
	For 6" High Kick Plate, Add	16.26	
	For Curved Rail, Add	59.60	
	For Mounting On Stairs, Add	35.20	
	For Mounting On Slopes, Add	11.73	
	For Post Base Flange With Screws, Add Per Post	21.10	
	For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.90	
	For Custom Design Or Shapes (Square Tops, etc), Add	49.67	
	For Nylon Coating, Add	12.20	



	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Railings	05 52

05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0018 LF 2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	135.41	18.01
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
For 11 Gauge A513 Steel Tubing, Deduct	-21.87	
For 12 Gauge A513 Steel Tubing, Deduct	-24.85	
For 14 Gauge A513 Steel Tubing, Deduct	-32.80	
For 16 Gauge A513 Steel Tubing, Deduct	-38.76	
For ADA Handrail P-Loop End Return, Add Per Each	125.75	
For Additional Off Set Handrail, ADA Attachment, Add	23.47	
For Aluminum, Satin Finish, Add	41.74	
For Aluminum, Clear Anodized Finish, Add	64.60	
For Aluminum, Dark Anodized Finish, Add	74.54	
For Galvanizing, Add	39.76	
For Wrought Iron, Add	13.54	
For Solid Steel Rails, Add	27.08	
For 304 Stainless Steel, Add	318.05	
For 316 Stainless Steel, Add	357.80	
For 2" Wheel Guard, Add	9.44	
For 4" High Kick Plate, Add	12.42	
For 6" High Kick Plate, Add	19.88	
For Curved Rail, Add	70.44	
For Mounting On Stairs, Add	40.62	
For Mounting On Slopes, Add	13.54	
For Post Base Flange With Screws, Add Per Post	21.10	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.90	
For Custom Design Or Shapes (Square Tops, etc), Add	58.70	
For Nylon Coating, Add	14.91	
05 52 13 00-0019 LF 2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	156.58	18.01
For 1/2" Diameter Pickets, >2" To 3" On Center, Add	56.22	
For 1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	41.43	
For 1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	26.64	
For 3/4" Diameter Pickets, >2" To 3" On Center, Add	71.15	
For 3/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	52.43	
For 3/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	33.71	
For 1" Diameter Pickets, >2" To 3" On Center, Add	100.79	
For 1" Diameter Pickets, >3" To 4-1/2" On Center, Add	74.27	
For 1" Diameter Pickets, >4-1/2" To 6" On Center, Add	47.75	
For 1-1/4" Diameter Pickets, >3" To 4-1/2" On Center, Add	100.56	
For 1-1/4" Diameter Pickets, >4-1/2" To 6" On Center, Add	68.21	
For 1-1/2" Diameter Pickets, >3" To 4-1/2" On Center, Add	118.30	
For 1-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	79.61	
For 2" Diameter Pickets, >3" To 4-1/2" On Center, Add	155.44	
For 2" Diameter Pickets, >4-1/2" To 6" On Center, Add	103.49	
For 2-1/2" Diameter Pickets, >4-1/2" To 6" On Center, Add	158.32	
For 11 Gauge A513 Steel Tubing, Deduct	-26.52	
For 12 Gauge A513 Steel Tubing, Deduct	-30.14	
For 14 Gauge A513 Steel Tubing, Deduct	-39.78	
For 16 Gauge A513 Steel Tubing, Deduct	-47.02	
For ADA Handrail P-Loop End Return, Add Per Each	187.82	
For Additional Off Set Handrail, ADA Attachment, Add	27.02	
For Aluminum, Satin Finish, Add	50.64	
For Aluminum, Clear Anodized Finish, Add	78.36	
For Aluminum, Dark Anodized Finish, Add	90.42	
For Galvanizing, Add	48.22	
For Wrought Iron, Add	15.66	
For Solid Steel Rails, Add	31.32	
For 304 Stainless Steel, Add	385.79	
For 316 Stainless Steel, Add	434.02	
For 2" Wheel Guard, Add	11.45	
For 4" High Kick Plate, Add	15.07	
For 6" High Kick Plate, Add	24.11	
For Curved Rail, Add	83.14	
For Mounting On Stairs, Add	46.97	
For Mounting On Slopes, Add	15.66	
For Post Base Flange With Screws, Add Per Post	21.10	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	31.90	
For Custom Design Or Shapes (Square Tops, etc), Add	69.29	
For Nylon Coating, Add	18.08	
05 52 13 00-0020 Railing Infill Panels <small>(05 52 13)</small>		
Note: Includes field welds and touch-up of welds.		
05 52 13 00-0021 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels <small>(05 52 13 00-0020)</small>		
Note: Square weave or square welded wire mesh.		

<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 52 Metal Railings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

05 52 13 00-0022	SF	Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	15.28	
05 52 13 00-0023	SF	Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	16.23	
05 52 13 00-0024	SF	Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel .....	17.06	
05 52 13 00-0025	SF	Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....	28.85	

**05 52 13 00-0026 Perforated Metal, Railing Infill Panels** (05 52 13 00-0020)

05 52 13 00-0027	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel .....	14.99	
05 52 13 00-0028	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel .....	15.50	
05 52 13 00-0029	SF	Aluminum, Perforated Metal, Railing Infill Panel .....	16.59	
05 52 13 00-0030	SF	Stainless Steel, Perforated Metal, Railing Infill Panel .....	33.29	

**05 52 13 00-0031 Expanded Metal, Railing Infill Panels** (05 52 13 00-0020)

05 52 13 00-0032	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel.....	6.76	
05 52 13 00-0033	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel .....	13.82	
05 52 13 00-0034	SF	Aluminum, Expanded Metal, Railing Infill Panel.....	18.14	
05 52 13 00-0035	SF	Stainless Steel, Expanded Metal, Railing Infill Panel.....	27.05	

**05 52 13 00-0036 Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings** (05 52 13)

Note: Includes factory primed, fasteners and field touch-up of welds.

05 52 13 00-0037	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	41.40	7.72
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.86	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.53	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.29	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.62	
		<i>For Stainless Steel, Add</i>	44.20	
		<i>For Aluminum, Satin Finish, Add</i>	9.28	
		<i>For Curved Rail, Add</i>	12.42	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.37	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	16.58	
		<i>For Galvanized Finish, Add</i>	6.63	
05 52 13 00-0038	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	42.11	7.72
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.02	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.70	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.53	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.90	
		<i>For Stainless Steel, Add</i>	45.62	
		<i>For Aluminum, Satin Finish, Add</i>	9.58	
		<i>For Curved Rail, Add</i>	12.63	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.83	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.11	
		<i>For Galvanized Finish, Add</i>	6.84	
05 52 13 00-0039	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	42.83	7.72
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.18	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.88	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.76	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-9.18	
		<i>For Stainless Steel, Add</i>	47.06	
		<i>For Aluminum, Satin Finish, Add</i>	9.88	
		<i>For Curved Rail, Add</i>	12.85	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.29	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.65	
		<i>For Galvanized Finish, Add</i>	7.06	
05 52 13 00-0040	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	51.02	7.72
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.98	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.93	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.47	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.37	
		<i>For Stainless Steel, Add</i>	63.44	
		<i>For Aluminum, Satin Finish, Add</i>	13.32	
		<i>For Curved Rail, Add</i>	15.31	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	20.62	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	23.79	
		<i>For Galvanized Finish, Add</i>	9.52	
05 52 13 00-0041	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing .....	57.80	7.72
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-8.47	
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-9.63	
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-12.71	
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-15.02	
		<i>For Stainless Steel, Add</i>	77.00	
		<i>For Aluminum, Satin Finish, Add</i>	16.17	
		<i>For Curved Rail, Add</i>	17.34	
		<i>For Aluminum, Clear Anodized Finish, Add</i>	25.03	
		<i>For Aluminum, Dark Anodized Finish, Add</i>	28.88	
		<i>For Galvanized Finish, Add</i>	11.55	

**05 52 13 00-0042 Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings** (05 52 13)

Note: Includes factory primed, fasteners and field touch-up of welds.



	<b>Metals</b>	<b>05</b>	
	Metal Fabrications	05 50	05
	Metal Railings	05 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0043	LF		1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing ..... <i>For 11 Gauge A513 Steel Tubing, Deduct</i> <i>For 12 Gauge A513 Steel Tubing, Deduct</i> <i>For 14 Gauge A513 Steel Tubing, Deduct</i> <i>For 16 Gauge A513 Steel Tubing, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Curved Rail, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanized Finish, Add</i>	49.78 -6.71 -7.62 -10.06 -11.89 60.96 12.80 14.93 19.81 22.86 9.14	8.10
05 52 13 00-0044	LF		1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing ..... <i>For 11 Gauge A513 Steel Tubing, Deduct</i> <i>For 12 Gauge A513 Steel Tubing, Deduct</i> <i>For 14 Gauge A513 Steel Tubing, Deduct</i> <i>For 16 Gauge A513 Steel Tubing, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Curved Rail, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanized Finish, Add</i>	50.78 -6.93 -7.87 -10.39 -12.28 62.96 13.22 15.23 20.46 23.61 9.44	8.10
05 52 13 00-0045	LF		1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing ..... <i>For 11 Gauge A513 Steel Tubing, Deduct</i> <i>For 12 Gauge A513 Steel Tubing, Deduct</i> <i>For 14 Gauge A513 Steel Tubing, Deduct</i> <i>For 16 Gauge A513 Steel Tubing, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Curved Rail, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanized Finish, Add</i>	51.52 -7.09 -8.06 -10.63 -12.57 64.44 13.53 15.46 20.94 24.17 9.67	8.10
05 52 13 00-0046	LF		2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing ..... <i>For 11 Gauge A513 Steel Tubing, Deduct</i> <i>For 12 Gauge A513 Steel Tubing, Deduct</i> <i>For 14 Gauge A513 Steel Tubing, Deduct</i> <i>For 16 Gauge A513 Steel Tubing, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Curved Rail, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanized Finish, Add</i>	62.97 -9.61 -10.92 -14.41 -17.03 87.34 18.34 18.89 28.39 32.75 13.10	8.10
05 52 13 00-0047	LF		2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing ..... <i>For 11 Gauge A513 Steel Tubing, Deduct</i> <i>For 12 Gauge A513 Steel Tubing, Deduct</i> <i>For 14 Gauge A513 Steel Tubing, Deduct</i> <i>For 16 Gauge A513 Steel Tubing, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Aluminum, Satin Finish, Add</i> <i>For Curved Rail, Add</i> <i>For Aluminum, Clear Anodized Finish, Add</i> <i>For Aluminum, Dark Anodized Finish, Add</i> <i>For Galvanized Finish, Add</i>	70.45 -11.25 -12.79 -16.88 -19.95 102.30 21.48 21.14 33.25 38.36 15.35	8.10
05 52 13 00-0048			<b>Remove And Reinstall Pipe Railing</b> <small>(05 52 13)</small>		
05 52 13 00-0049	LF		Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing .....	28.95	
05 52 13 00-0050	LF		Removal And Reinstallation Of Floor Mounted Pipe Railing.....	38.62	
05 52 13 00-0051	EA		Install New Galvanized Steel Pipe Railing Bracket..... <i>For Stainless Steel, Add</i>	72.20 67.20	

**05 53 Metal Gratings** (05 50)

**05 53 13 Bar Gratings** (05 53)

**05 53 13 00-0001 Welded Grating** (05 53 13)

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

**05 53 13 00-0002 Steel, Welded Grating** (05 53 13 00-0001)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 53 13 00-0003	SF		3/4" x 1/8" Steel, Welded Grating ..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i> <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	14.63 0.22 2.01 37.88 3.45 1.27 -2.19	1.42
------------------	----	--	---	---	------



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 53 13 00-0004	SF 3/4" x 3/16" Steel, Welded Grating .....	19.51	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	2.84	
	For 304 Stainless Steel, Add	53.54	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	4.87	
	For Crossbars At 2" On-Center, Add	1.80	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.31	
05 53 13 00-0005	SF 1" x 1/8" Steel, Welded Grating .....	17.77	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	2.54	
	For 304 Stainless Steel, Add	47.96	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	4.36	
	For Crossbars At 2" On-Center, Add	1.61	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.27	
05 53 13 00-0006	SF 1" x 3/16" Steel, Welded Grating.....	24.40	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	3.67	
	For 304 Stainless Steel, Add	69.24	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	6.30	
	For Crossbars At 2" On-Center, Add	2.33	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.44	
05 53 13 00-0007	SF 1" x 1/4" Steel, Welded Grating .....	31.03	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.79	
	For 304 Stainless Steel, Add	90.52	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	8.23	
	For Crossbars At 2" On-Center, Add	3.05	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.60	
05 53 13 00-0008	SF 1-1/4" x 1/8" Steel, Welded Grating .....	20.94	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	3.08	
	For 304 Stainless Steel, Add	58.13	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	5.29	
	For Crossbars At 2" On-Center, Add	1.96	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.35	
05 53 13 00-0009	SF 1-1/4" x 3/16" Steel, Welded Grating .....	29.01	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.45	
	For 304 Stainless Steel, Add	84.04	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	7.64	
	For Crossbars At 2" On-Center, Add	2.83	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.55	
05 53 13 00-0010	SF 1-1/2" x 1/8" Steel, Welded Grating .....	24.12	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	3.62	
	For 304 Stainless Steel, Add	68.34	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	6.22	
	For Crossbars At 2" On-Center, Add	2.30	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.43	
05 53 13 00-0011	SF 1-1/2" x 3/16" Steel, Welded Grating .....	34.50	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	5.28	
	For 304 Stainless Steel, Add	99.61	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	9.06	
	For Crossbars At 2" On-Center, Add	3.35	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.10	
05 53 13 00-0012	SF 1-1/2" x 1/4" Steel, Welded Grating .....	44.59	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	6.99	
	For 304 Stainless Steel, Add	132.00	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	12.01	
	For Crossbars At 2" On-Center, Add	4.44	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.35	



<b>Metals</b>	<b>05</b>	<b>05</b>
Metal Fabrications	05 50	
Metal Gratings	05 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0013 SF 1-3/4" x 3/16" Steel, Welded Grating .....	39.42	1.73
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	6.11	
For 304 Stainless Steel, Add	115.40	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	10.50	
For Crossbars At 2" On-Center, Add	3.88	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.22	
05 53 13 00-0014 SF 2" x 3/16" Steel, Welded Grating .....	44.03	1.73
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	6.90	
For 304 Stainless Steel, Add	130.20	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	11.84	
For Crossbars At 2" On-Center, Add	4.38	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.34	
05 53 13 00-0015 SF 2-1/4" x 3/16" Steel, Welded Grating .....	48.91	1.73
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	7.72	
For 304 Stainless Steel, Add	145.86	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	13.27	
For Crossbars At 2" On-Center, Add	4.91	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.46	
05 53 13 00-0016 SF 2-1/2" x 3/16" Steel, Welded Grating .....	53.52	1.73
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	8.51	
For 304 Stainless Steel, Add	160.66	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	14.61	
For Crossbars At 2" On-Center, Add	5.41	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.58	
<b>05 53 13 00-0017 Pressure Locked Grating</b> <sup>(05 53 13)</sup>		
Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
<b>05 53 13 00-0018 Steel, Pressure Locked Grating</b> <sup>(05 53 13 00-0017)</sup>		
Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019 SF 3/4" x 1/8" Steel, Pressure Locked Grating.....	27.44	1.42
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.04	
For 304 Stainless Steel, Add	46.05	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	7.19	
For Crossbars At 2" On-Center, Add	2.66	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.51	
05 53 13 00-0020 SF 3/4" x 3/16" Steel, Pressure Locked Grating.....	33.72	1.42
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	5.07	
For 304 Stainless Steel, Add	57.80	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	9.02	
For Crossbars At 2" On-Center, Add	3.34	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.67	
05 53 13 00-0021 SF 1" x 1/8" Steel, Pressure Locked Grating.....	30.12	1.42
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.48	
For 304 Stainless Steel, Add	51.06	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	7.97	
For Crossbars At 2" On-Center, Add	2.95	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.58	
05 53 13 00-0022 SF 1" x 3/16" Steel, Pressure Locked Grating.....	40.91	1.42
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	6.25	
For 304 Stainless Steel, Add	71.25	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 7/16" On-Center, Add	55.22	
For Bearing Bars At 15/16" On-Center, Add	11.12	
For Crossbars At 2" On-Center, Add	4.11	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.85	



## 05 Metals

## 05 50 Metal Fabrications

## 05 53 Metal Gratings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 53 13 00-0023	SF 1-1/4" x 1/8" Steel, Pressure Locked Grating.....	33.72	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	5.07	
	For 304 Stainless Steel, Add	57.80	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	9.02	
	For Crossbars At 2" On-Center, Add	3.34	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.67	
05 53 13 00-0024	SF 1-1/4" x 3/16" Steel, Pressure Locked Grating.....	45.90	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	7.06	
	For 304 Stainless Steel, Add	80.58	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	12.58	
	For Crossbars At 2" On-Center, Add	4.65	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.97	
05 53 13 00-0025	SF 1-1/2" x 1/8" Steel, Pressure Locked Grating.....	37.49	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	5.68	
	For 304 Stainless Steel, Add	64.85	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	10.12	
	For Crossbars At 2" On-Center, Add	3.74	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-2.76	
05 53 13 00-0026	SF 1-1/2" x 3/16" Steel, Pressure Locked Grating.....	51.78	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	7.92	
	For 304 Stainless Steel, Add	90.39	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 7/16" On-Center, Add	70.05	
	For Bearing Bars At 15/16" On-Center, Add	14.11	
	For Crossbars At 2" On-Center, Add	5.22	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.53	
05 53 13 00-0027	SF 1-3/4" x 3/16" Steel, Pressure Locked Grating.....	57.05	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	8.79	
	For 304 Stainless Steel, Add	100.25	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	15.65	
	For Crossbars At 2" On-Center, Add	5.79	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.66	
05 53 13 00-0028	SF 2" x 3/16" Steel, Pressure Locked Grating.....	61.34	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	9.49	
	For 304 Stainless Steel, Add	108.27	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	16.90	
	For Crossbars At 2" On-Center, Add	6.25	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.77	
05 53 13 00-0029	SF 2-1/4" x 3/16" Steel, Pressure Locked Grating.....	65.46	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	10.17	
	For 304 Stainless Steel, Add	115.98	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	18.10	
	For Crossbars At 2" On-Center, Add	6.69	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.87	
05 53 13 00-0030	SF 2-1/2" x 3/16" Steel, Pressure Locked Grating.....	69.02	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	10.75	
	For 304 Stainless Steel, Add	122.64	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	19.14	
	For Crossbars At 2" On-Center, Add	7.08	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.96	
05 53 13 00-0031	Aluminum, Type 6063, Pressure Locked Grating <sup>(05 53 13 00-0017)</sup>		
	Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0032	SF 3/4" x 1/8" Aluminum, Pressure Locked Grating.....	17.53	1.42
	For Bearing Bars At 15/16" On-Center, Add	4.29	
	For Crossbars At 2" On-Center, Add	1.59	
	For Set In Place Without Bolting, Deduct	-2.26	
	For Powder Coating, Add	2.21	
05 53 13 00-0033	SF 3/4" x 3/16" Aluminum, Pressure Locked Grating.....	23.56	1.42
	For Bearing Bars At 15/16" On-Center, Add	6.05	
	For Crossbars At 2" On-Center, Add	2.24	
	For Set In Place Without Bolting, Deduct	-2.41	
	For Powder Coating, Add	3.11	



	<b>Metals</b>	<b>05</b>	<b>05</b>
	Metal Fabrications	05 50	
	Metal Gratings	05 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0034 SF 1" x 1/8" Aluminum, Pressure Locked Grating.....	22.26	1.42
For Bearing Bars At 15/16" On-Center, Add	5.67	
For Crossbars At 2" On-Center, Add	2.10	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.38	
For Powder Coating, Add	2.91	
05 53 13 00-0035 SF 1" x 3/16" Aluminum, Pressure Locked Grating.....	30.05	1.42
For Bearing Bars At 7/16" On-Center, Add	39.47	
For Bearing Bars At 15/16" On-Center, Add	7.95	
For Crossbars At 2" On-Center, Add	2.94	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.58	
For Powder Coating, Add	4.08	
05 53 13 00-0036 SF 1-1/4" x 1/8" Aluminum, Pressure Locked Grating.....	25.69	1.42
For Bearing Bars At 15/16" On-Center, Add	6.68	
For Crossbars At 2" On-Center, Add	2.47	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.47	
For Powder Coating, Add	3.43	
05 53 13 00-0037 SF 1-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	34.18	1.42
For Bearing Bars At 15/16" On-Center, Add	9.15	
For Crossbars At 2" On-Center, Add	3.39	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.68	
For Powder Coating, Add	4.70	
05 53 13 00-0038 SF 1-1/2" x 1/8" Aluminum, Pressure Locked Grating.....	28.91	1.42
For Bearing Bars At 15/16" On-Center, Add	7.62	
For Crossbars At 2" On-Center, Add	2.82	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.55	
For Powder Coating, Add	3.91	
05 53 13 00-0039 SF 1-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	38.44	1.42
For Bearing Bars At 7/16" On-Center, Add	51.63	
For Bearing Bars At 15/16" On-Center, Add	10.40	
For Crossbars At 2" On-Center, Add	3.85	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.79	
For Powder Coating, Add	5.34	
05 53 13 00-0040 SF 1-3/4" x 3/16" Aluminum, Pressure Locked Grating.....	42.52	1.42
For Bearing Bars At 15/16" On-Center, Add	11.59	
For Crossbars At 2" On-Center, Add	4.29	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.89	
For Powder Coating, Add	5.95	
05 53 13 00-0041 SF 2" x 3/16" Aluminum, Pressure Locked Grating.....	47.35	1.42
For Bearing Bars At 15/16" On-Center, Add	13.00	
For Crossbars At 2" On-Center, Add	4.81	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-3.01	
For Powder Coating, Add	6.68	
05 53 13 00-0042 SF 2-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	51.14	1.42
For Bearing Bars At 15/16" On-Center, Add	14.11	
For Crossbars At 2" On-Center, Add	5.22	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-3.10	
For Powder Coating, Add	7.25	
05 53 13 00-0043 SF 2-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	55.66	1.42
For Bearing Bars At 15/16" On-Center, Add	15.43	
For Crossbars At 2" On-Center, Add	5.71	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-3.22	
For Powder Coating, Add	7.92	
<b>05 53 13 00-0044 Swage Locked Grating</b> <small>(05 53 13)</small>		
Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.		
<b>05 53 13 00-0045 Steel, Swage Locked Grating</b> <small>(05 53 13 00-0044)</small>		
Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0046 SF 1" x 3/16" Steel, Swaged Grating.....	44.75	1.42
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.86	
For 304 Stainless Steel, Add	69.50	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	26.83	
For Crossbars At 2" On-Center, Add	3.35	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.94	

## 05 Metals

## 05 50 Metal Fabrications

## 05 53 Metal Gratings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 53 13 00-0047	SF 1-1/4" x 3/16" Steel, Swaged Grating.....	49.91	1.42
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.33	
	For 304 Stainless Steel, Add	78.06	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	30.13	
	For Crossbars At 2" On-Center, Add	3.77	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.07	
05 53 13 00-0048	SF 1-1/2" x 3/16" Steel, Swaged Grating.....	54.60	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	4.70	
	For 304 Stainless Steel, Add	84.77	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	32.72	
	For Crossbars At 2" On-Center, Add	4.09	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.60	
05 53 13 00-0049	SF 1-3/4" x 3/16" Steel, Swaged Grating.....	62.53	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	5.43	
	For 304 Stainless Steel, Add	97.92	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	37.80	
	For Crossbars At 2" On-Center, Add	4.72	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-3.80	
05 53 13 00-0050	SF 2" x 3/16" Steel, Swaged Grating.....	70.48	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	6.16	
	For 304 Stainless Steel, Add	111.10	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	42.89	
	For Crossbars At 2" On-Center, Add	5.36	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-4.00	
05 53 13 00-0051	SF 2-1/4" x 3/16" Steel, Swaged Grating.....	78.41	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	6.89	
	For 304 Stainless Steel, Add	124.25	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	47.96	
	For Crossbars At 2" On-Center, Add	6.00	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-4.20	
05 53 13 00-0052	SF 2-1/2" x 3/16" Steel, Swaged Grating.....	86.37	1.73
	For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
	For Galvanized Steel, Add	7.63	
	For 304 Stainless Steel, Add	137.45	
	Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
	For Bearing Bars At 15/16" On-Center, Add	53.06	
	For Crossbars At 2" On-Center, Add	6.63	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting Or Tack Welding, Deduct	-4.40	
05 53 13 00-0053	Aluminum Grating, Type 6063, Swage Locked <small>(05 53 13 00-0044)</small>		
	Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.		
05 53 13 00-0054	SF 1" x 1/8" Aluminum, Swaged Grating.....	20.60	1.42
	For Bearing Bars At 15/16" On-Center, Add	11.37	
	For Crossbars At 2" On-Center, Add	1.42	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting, Deduct	-2.34	
	For Powder Coating, Add	2.67	
05 53 13 00-0055	SF 1" x 3/16" Aluminum, Swaged Grating.....	26.55	1.42
	For Bearing Bars At 15/16" On-Center, Add	15.18	
	For Crossbars At 2" On-Center, Add	1.90	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting, Deduct	-2.49	
	For Powder Coating, Add	3.56	
05 53 13 00-0056	SF 1-1/4" x 1/8" Aluminum, Swaged Grating.....	23.27	1.42
	For Bearing Bars At 15/16" On-Center, Add	13.08	
	For Crossbars At 2" On-Center, Add	1.64	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting, Deduct	-2.41	
	For Powder Coating, Add	3.07	
05 53 13 00-0057	SF 1-1/4" x 3/16" Aluminum, Swaged Grating.....	30.55	1.42
	For Bearing Bars At 15/16" On-Center, Add	17.74	
	For Crossbars At 2" On-Center, Add	2.22	
	For Serrated Wear Surface, Add	0.16	
	For Set In Place Without Bolting, Deduct	-2.59	
	For Powder Coating, Add	4.16	



	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Gratings	05 53

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0058	SF		1-1/2" x 1/8" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	26.44 15.11 1.89 0.16 -2.49 3.54	1.42
05 53 13 00-0059	SF		1-1/2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	34.83 20.48 2.56 0.16 -2.70 4.80	1.42
05 53 13 00-0060	SF		1-3/4" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	39.77 23.64 2.96 0.16 -2.82 5.54	1.42
05 53 13 00-0061	SF		2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	44.68 26.78 3.35 0.16 -2.94 6.28	1.42
05 53 13 00-0062	SF		2-1/4" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	49.61 29.94 3.74 0.16 -3.07 7.02	1.42
05 53 13 00-0063	SF		2-1/2" x 3/16" Aluminum, Swaged Grating..... <i>For Bearing Bars At 15/16" On-Center, Add</i> <i>For Crossbars At 2" On-Center, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting, Deduct</i> <i>For Powder Coating, Add</i>	54.52 33.08 4.14 0.16 -3.19 7.75	1.42
05 53 13 00-0064			<b>Riveted Grating</b> <small>(05 53 13)</small> Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065			<b>Steel, Riveted Grating</b> <small>(05 53 13 00-0064)</small> Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066	SF		3/4" x 1/8", 7.0 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	84.82 0.22 3.94 70.43 28.29 -3.95	1.42
05 53 13 00-0067	SF		3/4" x 3/16", 8.5 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	99.83 0.22 4.66 83.32 33.47 -4.32	1.42
05 53 13 00-0068	SF		1" x 1/8", 8.0 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	91.73 0.22 4.27 76.37 30.67 0.16 -4.12	1.42
05 53 13 00-0069	SF		1" x 3/16", 9.5 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	105.55 0.22 4.93 88.24 35.44 0.16 -4.46	1.42
05 53 13 00-0070	SF		1-1/4" x 1/8", 9.0 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	97.45 0.22 4.54 81.28 32.64 0.16 -4.26	1.42
05 53 13 00-0071	SF		1-1/4" x 3/16", 11.1 Lb./SF, Steel, Riveted Grating..... <i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i> <i>For Galvanized Steel, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 5/8" Clear Opening, Add</i> <i>For Serrated Wear Surface, Add</i> <i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	116.20 0.22 5.44 97.38 39.11 0.16 -4.73	1.42

## 05 Metals

## 05 50 Metal Fabrications

## 05 53 Metal Gratings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 Lb./SF, Steel, Riveted Grating	.....	103.61	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		4.81	
		For 304 Stainless Steel, Add		86.02	
		For 5/8" Clear Opening, Add		34.55	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-4.83	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 Lb./SF, Steel, Riveted Grating	.....	123.64	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		5.77	
		For 304 Stainless Steel, Add		103.23	
		For 5/8" Clear Opening, Add		41.46	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-5.33	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 Lb./SF, Steel, Riveted Grating	.....	133.87	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		6.26	
		For 304 Stainless Steel, Add		112.01	
		For 5/8" Clear Opening, Add		44.99	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-5.58	
05 53 13 00-0075	SF	2" x 3/16", 17.0 Lb./SF, Steel, Riveted Grating	.....	156.70	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		7.36	
		For 304 Stainless Steel, Add		131.62	
		For 5/8" Clear Opening, Add		52.86	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-6.16	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 Lb./SF, Steel, Riveted Grating	.....	164.65	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		7.74	
		For 304 Stainless Steel, Add		138.45	
		For 5/8" Clear Opening, Add		55.61	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-6.35	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 Lb./SF, Steel, Riveted Grating	.....	171.74	1.73
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		8.08	
		For 304 Stainless Steel, Add		144.54	
		For 5/8" Clear Opening, Add		58.05	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-6.53	
05 53 13 00-0078		Aluminum, Riveted Grating <small>(05 53 13 00-0064)</small>			
		Note: 1" clear opening, bolted in place and in all sizes.			
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 Lb./SF, Aluminum, Riveted Grating	.....	43.40	1.42
		For 5/8" Clear Opening, Add		14.00	
		For Powder Coating, Add		6.09	
		For Set In Place Without Bolting, Deduct		-2.91	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 Lb./SF, Aluminum, Riveted Grating	.....	51.43	1.42
		For 5/8" Clear Opening, Add		16.77	
		For Powder Coating, Add		7.29	
		For Set In Place Without Bolting, Deduct		-3.11	
05 53 13 00-0081	SF	1" x 1/8", 2.7 Lb./SF, Aluminum, Riveted Grating	.....	47.69	1.42
		For 5/8" Clear Opening, Add		15.48	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		6.73	
		For Set In Place Without Bolting, Deduct		-3.02	
05 53 13 00-0082	SF	1" x 3/16", 3.2 Lb./SF, Aluminum, Riveted Grating	.....	55.53	1.42
		For 5/8" Clear Opening, Add		18.18	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		7.91	
		For Set In Place Without Bolting, Deduct		-3.21	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 Lb./SF, Aluminum, Riveted Grating	.....	53.43	1.42
		For 5/8" Clear Opening, Add		17.46	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		7.59	
		For Set In Place Without Bolting, Deduct		-3.16	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 Lb./SF, Aluminum, Riveted Grating	.....	64.31	1.42
		For 5/8" Clear Opening, Add		21.21	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		9.22	
		For Set In Place Without Bolting, Deduct		-3.43	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 Lb./SF, Aluminum, Riveted Grating	.....	57.35	1.42
		For 5/8" Clear Opening, Add		18.81	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		8.18	
		For Set In Place Without Bolting, Deduct		-3.26	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 Lb./SF, Aluminum, Riveted Grating	.....	71.17	1.42
		For 5/8" Clear Opening, Add		23.58	
		For Serrated Wear Surface, Add		0.16	
		For Powder Coating, Add		10.25	
		For Set In Place Without Bolting, Deduct		-3.60	



	<b>Metals</b>	<b>05</b>
	Metal Fabrications	05 50
	Metal Gratings	05 53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0087	SF		1-3/4" x 3/16", 4.8 Lb./SF, Aluminum, Riveted Grating .....	78.42	1.42
			<i>For 5/8" Clear Opening, Add</i>	26.08	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	11.34	
			<i>For Set In Place Without Bolting, Deduct</i>	-3.79	
05 53 13 00-0088	SF		2" x 3/16", 5.8 Lb./SF, Aluminum, Riveted Grating .....	93.30	1.42
			<i>For 5/8" Clear Opening, Add</i>	31.21	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	13.57	
			<i>For Set In Place Without Bolting, Deduct</i>	-4.16	
05 53 13 00-0089	SF		2-1/4" x 3/16", 6.4 Lb./SF, Aluminum, Riveted Grating .....	101.75	1.42
			<i>For 5/8" Clear Opening, Add</i>	34.13	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	14.84	
			<i>For Set In Place Without Bolting, Deduct</i>	-4.37	
05 53 13 00-0090	SF		2-1/2" x 3/16", 7.2 Lb./SF, Aluminum, Riveted Grating .....	113.07	1.42
			<i>For 5/8" Clear Opening, Add</i>	38.03	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	16.54	
			<i>For Set In Place Without Bolting, Deduct</i>	-4.65	

### 05 54 Metal Floor Plates (05 50)

05 54 00 00-0001			<b>Steel Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0002	SF		16 Gauge Steel Raised Or Diamond Pattern Floor Plates .....	23.57	1.67
05 54 00 00-0003	SF		14 Gauge Steel Raised Or Diamond Pattern Floor Plates .....	27.01	1.67
05 54 00 00-0004	SF		12 Gauge Steel Raised Or Diamond Pattern Floor Plates .....	33.92	1.67
05 54 00 00-0005	SF		1/8" Steel Raised Or Diamond Pattern Floor Plates .....	45.44	1.81
05 54 00 00-0006	SF		1/4" Steel Raised Or Diamond Pattern Floor Plates .....	57.84	1.93
05 54 00 00-0007			<b>Aluminum Alloy Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0008	SF		0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate .....	31.18	1.42
			<i>For Powder Coating, Add</i>	4.25	
05 54 00 00-0009	SF		0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate .....	35.77	1.67
			<i>For Powder Coating, Add</i>	4.88	
05 54 00 00-0010	SF		0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate .....	40.38	1.81
			<i>For Powder Coating, Add</i>	5.52	
05 54 00 00-0011			<b>Type 304 Stainless Steel Floor Plates</b> <small>(05 54)</small>		
05 54 00 00-0012	SF		1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate .....	39.62	1.93
05 54 00 00-0013	SF		3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate .....	47.34	2.18
05 54 00 00-0014	SF		1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate .....	61.27	2.57

### 05 55 Metal Stair Treads and Nosings (05 50)

#### 05 55 13 Metal Stair Treads (05 55)

05 55 13 00-0001			<b>Abrasive Cast Aluminum Stair Treads</b> <small>(05 55 13)</small>		
			Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0002	LF		8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....	73.27	6.54
			<i>For 3/8" Thick, Add</i>	15.70	
05 55 13 00-0003	LF		9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....	80.81	6.54
			<i>For 3/8" Thick, Add</i>	17.59	
05 55 13 00-0004	LF		10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....	88.32	6.54
			<i>For 3/8" Thick, Add</i>	19.46	
05 55 13 00-0005	LF		11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....	95.89	6.54
			<i>For 3/8" Thick, Add</i>	21.36	
05 55 13 00-0006	LF		12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread .....	103.38	6.54
			<i>For 3/8" Thick, Add</i>	23.23	

#### 05 55 13 00-0007 Abrasive Cast Iron Stair Treads (05 55 13)

			Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.		
05 55 13 00-0008	LF		8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....	102.50	6.54
05 55 13 00-0009	LF		9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....	113.66	6.54
05 55 13 00-0010	LF		10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....	124.85	6.54
05 55 13 00-0011	LF		11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....	136.02	6.54
05 55 13 00-0012	LF		12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread .....	147.21	6.54

#### 05 55 13 00-0013 Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads (05 55)

			Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF		6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....	38.02	6.54
05 55 13 00-0015	LF		9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....	44.85	6.54
05 55 13 00-0016	LF		11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread .....	47.86	6.54



<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 55 Metal Stair Treads and Nosings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>05 55 13 00-0017 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads</b> <small>(05 55 13)</small>		
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018 LF 8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	56.87	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
For Two Color Tread, Add	3.56	
05 55 13 00-0019 LF 9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	57.43	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
For Two Color Tread, Add	3.56	
05 55 13 00-0020 LF 11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	69.71	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
For Two Color Tread, Add	3.56	
05 55 13 00-0021 LF 12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	80.48	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
For Two Color Tread, Add	3.56	
05 55 13 00-0022 LF 15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	94.51	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
For Two Color Tread, Add	3.56	
<b>05 55 13 00-0023 Stair Landing Treads</b> <small>(05 55 13)</small>		
<b>05 55 13 00-0024 Abrasive Cast Aluminum Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025 SF 5/16" Thick, Abrasive Cast Aluminum Landing Treads.....	103.38	6.54
For 3/8" Thick, Add	23.23	
<b>05 55 13 00-0026 Abrasive Cast Iron Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027 SF 3/8" Thick, Abrasive Cast Iron Landing Treads.....	147.21	6.54
<b>05 55 13 00-0028 Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads</b> <small>(05 55 13 00-0023)</small>		
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029 SF 9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads.....	95.74	6.54
For Epoxy Sealed For Corrosive Environment, Add	4.74	
<b>05 55 13 00-0030 Open Cast Iron Stair Tread</b> <small>(05 55 13)</small>		
Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031 RSR 3'-6" Wide, Open Cast Iron Stair Tread.....	825.54	51.46
For Closed Riser, Add	70.72	
05 55 13 00-0032 RSR 4'-0" Wide, Open Cast Iron Stair Tread.....	925.82	59.18
For Closed Riser, Add	79.13	
05 55 13 00-0033 RSR 5'-0" Wide, Open Cast Iron Stair Tread.....	1,019.80	69.48
For Closed Riser, Add	87.06	
<b>05 55 16 Metal Stair Nosings</b> <small>(05 55)</small>		
<b>05 55 16 00-0001 Abrasive Cast Aluminum Nosings</b> <small>(05 55 16)</small>		
Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002 LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	30.59	4.46
For 3/8" Thick, Add	5.86	
05 55 16 00-0003 LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	37.87	4.46
For 3/8" Thick, Add	7.68	
05 55 16 00-0004 LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	54.08	4.46
For 3/8" Thick, Add	11.74	
<b>05 55 16 00-0005 Abrasive Cast Iron Nosings</b> <small>(05 55 16)</small>		
Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006 LF 3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	35.90	4.46
For 3/8" Thick, Add	7.19	
05 55 16 00-0007 LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	44.86	4.46
For 3/8" Thick, Add	9.43	
05 55 16 00-0008 LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	62.57	4.46
For 3/8" Thick, Add	13.86	
<b>05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings</b> <small>(05 55 16)</small>		
Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010 LF 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	25.66	4.46
05 55 16 00-0011 LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	29.16	4.46
05 55 16 00-0012 LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	31.84	4.46
05 55 16 00-0013 LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	40.16	4.46
05 55 16 00-0014 LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	26.60	4.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

05 55 16 00-0015	LF	3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	29.59	4.46
05 55 16 00-0016	LF	4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	32.56	4.46
05 55 16 00-0017	LF	3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing .....	30.75	4.46

**05 56 Metal Castings** (05 50)

**05 56 00 00-0001 Castings** (05 56)

05 56 00 00-0002	LB	Up To 150 Lb., Miscellaneous Castings, Light Section .....	6.50	0.64
05 56 00 00-0003	LB	>150 Lb., Miscellaneous Castings, Heavy Section .....	11.14	0.51

**05 58 Formed Metal Fabrications** (05 50)

**05 58 16 Formed Metal Enclosures** (05 58)

**05 58 16 00-0001 Drip Pan** (05 58 16)

05 58 16 00-0002	SF	Stainless Steel Drip Pan .....	114.14	5.83
05 58 16 00-0003	SF	Galvanized Steel Drip Pan .....	112.72	5.83
05 58 16 00-0004	SF	Aluminum Drip Pan .....	78.88	4.66
05 58 16 00-0005	SF	Plastic Drip Pan .....	19.28	4.08

**05 58 23 Formed Metal Guards** (05 58)

**05 58 23 00-0001 Protective Guard Rails** (05 58 23)

Note: Includes painted finish.

**05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0001)

Note: Steel King Armor Guard.

**05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0002)

Note: Excludes posts. Includes fasteners.

05 58 23 00-0004	EA	1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	211.41	21.42
05 58 23 00-0005	EA	2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	249.10	21.42
05 58 23 00-0006	EA	3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	284.65	21.42
05 58 23 00-0007	EA	4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	322.34	21.42
05 58 23 00-0008	EA	5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	358.09	21.42
05 58 23 00-0009	EA	6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	404.44	21.42
05 58 23 00-0010	EA	7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	436.02	21.42
05 58 23 00-0011	EA	8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	484.91	21.42
05 58 23 00-0012	EA	9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	517.00	21.42
05 58 23 00-0013	EA	10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail .....	539.92	21.42

**05 58 23 00-0014 Posts For 2-Rib Guard Rails** (05 58 23 00-0002)

Note: Includes drilling, surface mounting plate and anchors.

05 58 23 00-0015	EA	12" Height, Single Rail Post For 2-Rib Guard Rails .....	423.35	44.62
05 58 23 00-0016	EA	42" Height, Triple Rail Post For 2-Rib Guard Rails .....	554.25	44.62

**05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0001)

Note: Steel King Steel Guard.

**05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0017)

Note: Excludes posts. Includes fasteners.

05 58 23 00-0019	EA	1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	234.12	21.42
05 58 23 00-0020	EA	2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	259.18	21.42
05 58 23 00-0021	EA	3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	290.45	21.42
05 58 23 00-0022	EA	4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	319.69	21.42
05 58 23 00-0023	EA	5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	353.51	21.42
05 58 23 00-0024	EA	6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	369.80	21.42
05 58 23 00-0025	EA	7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	409.02	21.42
05 58 23 00-0026	EA	8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	442.13	21.42
05 58 23 00-0027	EA	9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	477.27	21.42
05 58 23 00-0028	EA	10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	512.92	21.42

**05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails** (05 58 23 00-0017)

Note: Excludes posts. Includes fasteners and lift-out mounting plate.

05 58 23 00-0030	EA	1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	346.88	21.42
05 58 23 00-0031	EA	2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	374.39	21.42
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	402.91	21.42
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	436.02	21.42
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	469.12	21.42
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	496.12	21.42
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	527.18	21.42
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	562.33	21.42
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	600.02	21.42
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail .....	633.12	21.42

<b>05</b>	<b>05 Metals</b>
	<b>05 50 Metal Fabrications</b>
	<b>05 58 Formed Metal Fabrications</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>05 58 23 00-0040</b>	<b>Posts For 3-Rib Guard Rails</b> <small>(05 58 23 00-0017)</small>		
	Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0041	EA 18" Height, Single Rail Post For 3-Rib Guard Rails .....	371.20	44.62
05 58 23 00-0042	EA 42" Height, Double Rail Post For 3-Rib Guard Rails .....	477.34	44.62

<b>05 58 23 00-0043</b>	<b>All-Welded, Protective Guards</b> <small>(05 58 23)</small>		
	Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.		

<b>05 58 23 00-0044</b>	<b>All-Welded, Protective Guards</b> <small>(05 58 23 00-0043)</small>		
05 58 23 00-0045	EA 36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	484.16	59.48
05 58 23 00-0046	EA 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	509.63	59.48
05 58 23 00-0047	EA 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	524.40	59.48
05 58 23 00-0048	EA 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	546.30	59.48
05 58 23 00-0049	EA 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	541.21	59.48
05 58 23 00-0050	EA 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	568.20	59.48
05 58 23 00-0051	EA 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	575.84	59.48
05 58 23 00-0052	EA 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	584.50	59.48
05 58 23 00-0053	EA 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard .....	625.75	59.48

<b>05 58 23 00-0054</b>	<b>Corner Style, All-Welded, Protective Guards</b> <small>(05 58 23 00-0043)</small>		
05 58 23 00-0055	EA 24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard .....	642.05	59.48
05 58 23 00-0056	EA 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard .....	672.61	59.48
05 58 23 00-0057	EA 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard .....	685.34	59.48
05 58 23 00-0058	EA 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard .....	747.99	59.48

<b>05 58 23 00-0059</b>	<b>Warehouse Safety Bollards</b> <small>(05 58 23)</small>		
	Note: Includes painted finish, drilling, surface mounting plate and anchors.		
05 58 23 00-0060	EA 24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard .....	306.70	44.62
05 58 23 00-0061	EA 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard .....	357.02	44.62
05 58 23 00-0062	EA 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard .....	410.30	44.62
05 58 23 00-0063	EA 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard .....	424.86	44.62
05 58 23 00-0064	EA 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard .....	458.48	44.62

**05 59 Metal Specialties** (05 50)

**05 59 65 Metal Chain** (05 59)

<b>05 59 65 00-0001</b>	<b>Alloy Steel Chain, Self Colored, Cut Length</b> <small>(05 59 65)</small>		
	Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.		
05 59 65 00-0002	LF 3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	7.61	1.25
	<i>For Plastic Dipped, Add</i>	0.77	
05 59 65 00-0003	LF 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	8.89	1.67
	<i>For Plastic Dipped, Add</i>	0.83	
05 59 65 00-0004	LF 3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	14.16	3.33
	<i>For Plastic Dipped, Add</i>	1.12	
05 59 65 00-0005	LF 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	22.77	5.63
	<i>For Plastic Dipped, Add</i>	1.73	
05 59 65 00-0006	LF 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	38.43	9.51
	<i>For Plastic Dipped, Add</i>	2.91	
05 59 65 00-0007	LF 3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	53.94	13.34
	<i>For Plastic Dipped, Add</i>	4.09	
05 59 65 00-0008	LF 7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	73.32	16.67
	<i>For Plastic Dipped, Add</i>	6.00	
05 59 65 00-0009	LF 1" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	105.76	22.23
	<i>For Plastic Dipped, Add</i>	9.19	
05 59 65 00-0010	LF 1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored .....	171.58	33.35
	<i>For Plastic Dipped, Add</i>	15.73	

**05 70 Decorative Metal** (05)

Note: Includes anchors and related accessories.

**05 71 Decorative Metal Stairs** (05 70)

**05 71 13 Fabricated Metal Spiral Stairs** (05 71)

Note: Includes factory prime.

<b>05 71 13 00-0001</b>	<b>Spiral Stairs, Stock Units</b> <small>(05 71 13)</small>		
	Note: Includes factory prime.		
<b>05 71 13 00-0002</b>	<b>Steel Tread</b> <small>(05 71 13 00-0001)</small>		
05 71 13 00-0003	VLF 3'-6" Diameter, Spiral Steel Stair With Rails .....	538.78	64.32
	<i>For Galvanized, Add</i>	287.08	
05 71 13 00-0004	VLF 4' Diameter, Spiral Steel Stair With Rails .....	613.64	70.76
	<i>For Galvanized, Add</i>	330.48	
05 71 13 00-0005	VLF 4'-6" Diameter, Spiral Steel Stair With Rails .....	678.95	77.19
	<i>For Galvanized, Add</i>	367.20	



	<b>Metals</b>	<b>05</b>
	Decorative Metal	05 70
	Decorative Metal Stairs	05 71

05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71	13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails <i>For Galvanized, Add</i>	727.58 392.23	83.63
<b>05 73 Decorative Metal Railings</b> <small>(05 70)</small>					
Note: Factory primed. Includes brackets.					
<b>05 73 23 Decorative Metal Railings</b> <small>(05 73)</small>					
<b>05 73 23 00-0001 Railings; Vertical Square Bars At 6"</b> <small>(05 73 23)</small>					
Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).					
05 73 23 00-0002	LF		Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i> <i>For Galvanized, Add</i>	83.51 12.01 21.00 1.99 1.59 1.06 0.53 16.76 3.71	14.15
05 73 23 00-0003	LF		Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i>	194.23 21.76 66.19 8.69 6.95 4.63 2.32 22.11	19.30
05 73 23 00-0004	LF		Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i>	227.57 27.93 70.73 8.58 6.86 4.57 2.29 30.81	32.16
05 73 23 00-0005	LF		Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i>	310.57 32.41 112.53 15.46 12.36 8.24 4.12 28.63	25.73
05 73 23 00-0006	LF		Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i>	340.70 31.43 135.01 19.67 15.73 10.49 5.24 22.12	39.24
<b>05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports</b> <small>(05 73 23)</small>					
05 73 23 00-0008	LF		2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports <i>For Rake Or Angle Railings, Add</i> <i>For Curved Railings, Add</i> <i>For 4" On Center Standards, Add</i> <i>For 4-1/2" On Center Standards, Add</i> <i>For 5" On Center Standards, Add</i> <i>For 5-1/2" On Center Standards, Add</i> <i>For Each Field Bending Of Rails, Add</i> <i>For Exterior Post-Installed Anchors, Add</i>	179.72 14.47 77.15 11.76 9.41 6.27 3.14 8.22 10.98	6.43
<b>05 73 23 00-0009 Plain Handrails</b> <small>(05 73 23)</small>					
05 73 23 00-0010	LF		2" Brass Handrail	61.25	13.17
05 73 23 00-0011	EA		90 Degree Angle For 2" Brass Handrail	137.98	50.74
05 73 23 00-0012	EA		End Cap For 2" Brass Handrail	63.00	25.44
05 73 23 00-0013	EA		Brass Bracket And Joint For 2" Brass Handrail	104.51	50.74
05 73 23 00-0014	LF		2" Stainless Steel Handrail	75.13	16.45
<b>05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing</b> <small>(05 73 23)</small>					
Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0364 for painting.					
05 73 23 00-0016	LF		Refinish Metal Handrail	12.03	
05 73 23 00-0017	LF		Refinish Wrought Iron Balustrade	11.99	
<b>05 73 23 00-0018 Remove And Reinstall Ornamental Railing</b> <small>(05 73 23)</small>					
05 73 23 00-0019	LF		Removal And Reinstallation Of Ornamental Handrail And Pickets	118.36	

<b>05</b>	<b>05 Metals</b>
	<b>05 70 Decorative Metal</b>
	<b>05 75 Decorative Formed Metal</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**05 75 Decorative Formed Metal** (05 70)

05 75 00 00-0001	<b>Metal Sheets, Installed On Walls</b> <small>(05 75)</small> Note: Includes field fabrication (bending) where noted. See CSI section 05 54 00 00-0000 for metal floor plates.		
05 75 00 00-0002	<b>Copper Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small> Note: Includes field fabrication.		
05 75 00 00-0003	SF 0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls .....	25.24	2.32
	For>16 To 200, Deduct	-1.44	
	For>200 To 500, Deduct	-2.87	
	For>500, Deduct	-4.14	
05 75 00 00-0004	SF 0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls .....	31.43	2.59
	For>16 To 200, Deduct	-1.77	
	For>200 To 500, Deduct	-3.53	
	For>500, Deduct	-5.10	
05 75 00 00-0005	SF 0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls .....	34.39	2.79
	For>16 To 200, Deduct	-1.93	
	For>200 To 500, Deduct	-3.86	
	For>500, Deduct	-5.58	
05 75 00 00-0006	SF 0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls .....	37.11	2.94
	For>16 To 200, Deduct	-2.08	
	For>200 To 500, Deduct	-4.15	
	For>500, Deduct	-6.01	
05 75 00 00-0007	SF 0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls .....	42.25	3.07
	For>16 To 200, Deduct	-2.34	
	For>200 To 500, Deduct	-4.69	
	For>500, Deduct	-6.80	
05 75 00 00-0008	SF 0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls .....	53.34	3.21
	For>16 To 200, Deduct	-2.91	
	For>200 To 500, Deduct	-5.82	
	For>500, Deduct	-8.48	
05 75 00 00-0009	SF 0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls .....	62.40	3.36
	For>16 To 200, Deduct	-3.37	
	For>200 To 500, Deduct	-6.74	
	For>500, Deduct	-9.86	
05 75 00 00-0010	SF 0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls .....	75.44	3.63
	For>16 To 200, Deduct	-4.04	
	For>200 To 500, Deduct	-8.09	
	For>500, Deduct	-11.86	
05 75 00 00-0011	SF 0.08" Thick Copper Sheet, Installed On Walls .....	92.51	3.90
	For>16 To 200, Deduct	-4.92	
	For>200 To 500, Deduct	-9.84	
	For>500, Deduct	-14.46	
05 75 00 00-0012	SF 0.125" Thick Copper Sheet, Installed On Walls .....	135.43	4.20
	For>16 To 200, Deduct	-7.09	
	For>200 To 500, Deduct	-14.17	
	For>500, Deduct	-20.94	
05 75 00 00-0013	<b>Stainless Steel Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small> Note: Includes field fabrication.		
05 75 00 00-0014	SF 0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	14.37	2.88
	For>16 To 200, Deduct	-0.93	
	For>200 To 500, Deduct	-1.87	
	For>500, Deduct	-2.59	
05 75 00 00-0015	SF 0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	16.09	3.11
	For>16 To 200, Deduct	-1.04	
	For>200 To 500, Deduct	-2.08	
	For>500, Deduct	-2.88	
05 75 00 00-0016	SF 0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	17.38	3.27
	For>16 To 200, Deduct	-1.11	
	For>200 To 500, Deduct	-2.23	
	For>500, Deduct	-3.10	
05 75 00 00-0017	SF 0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	19.88	3.41
	For>16 To 200, Deduct	-1.25	
	For>200 To 500, Deduct	-2.50	
	For>500, Deduct	-3.50	
05 75 00 00-0018	SF 0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	22.32	3.57
	For>16 To 200, Deduct	-1.38	
	For>200 To 500, Deduct	-2.77	
	For>500, Deduct	-3.88	
05 75 00 00-0019	SF 0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	25.36	3.73
	For>16 To 200, Deduct	-1.55	
	For>200 To 500, Deduct	-3.10	
	For>500, Deduct	-4.36	
05 75 00 00-0020	SF 0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	35.30	4.35
	For>16 To 200, Deduct	-2.09	
	For>200 To 500, Deduct	-4.18	
	For>500, Deduct	-5.95	
05 75 00 00-0021	SF 3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls .....	46.27	4.62
	For>16 To 200, Deduct	-2.66	
	For>200 To 500, Deduct	-5.32	
	For>500, Deduct	-7.63	



	<b>Metals 05</b>	
	<b>Decorative Metal 05 70</b>	<b>05</b>
	<b>Decorative Formed Metal 05 75</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0022	SF		1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls.....	62.51	5.60
			<i>For &gt;16 To 200, Deduct</i>	-3.55	
			<i>For &gt;200 To 500, Deduct</i>	-7.09	
			<i>For &gt;500, Deduct</i>	-10.22	
05 75 00 00-0023	SF		3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls.....	100.59	6.01
			<i>For &gt;16 To 200, Deduct</i>	-5.48	
			<i>For &gt;200 To 500, Deduct</i>	-10.96	
			<i>For &gt;500, Deduct</i>	-15.99	
05 75 00 00-0024	SF		1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls.....	127.92	6.99
			<i>For &gt;16 To 200, Deduct</i>	-6.92	
			<i>For &gt;200 To 500, Deduct</i>	-13.84	
			<i>For &gt;500, Deduct</i>	-20.24	
<b>05 75 00 00-0025</b>			<b>Aluminum Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small>		
			Note: Includes field fabrication.		
05 75 00 00-0026	SF		0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls.....	11.31	2.32
			<i>For &gt;16 To 200, Deduct</i>	-0.74	
			<i>For &gt;200 To 500, Deduct</i>	-1.48	
			<i>For &gt;500, Deduct</i>	-2.05	
05 75 00 00-0027	SF		0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls.....	12.85	2.59
			<i>For &gt;16 To 200, Deduct</i>	-0.84	
			<i>For &gt;200 To 500, Deduct</i>	-1.67	
			<i>For &gt;500, Deduct</i>	-2.32	
05 75 00 00-0028	SF		0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls.....	14.36	2.79
			<i>For &gt;16 To 200, Deduct</i>	-0.93	
			<i>For &gt;200 To 500, Deduct</i>	-1.86	
			<i>For &gt;500, Deduct</i>	-2.57	
05 75 00 00-0029	SF		0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls.....	15.95	2.94
			<i>For &gt;16 To 200, Deduct</i>	-1.02	
			<i>For &gt;200 To 500, Deduct</i>	-2.04	
			<i>For &gt;500, Deduct</i>	-2.83	
05 75 00 00-0030	SF		0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls.....	17.54	3.07
			<i>For &gt;16 To 200, Deduct</i>	-1.11	
			<i>For &gt;200 To 500, Deduct</i>	-2.22	
			<i>For &gt;500, Deduct</i>	-3.09	
05 75 00 00-0031	SF		0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls.....	19.28	3.21
			<i>For &gt;16 To 200, Deduct</i>	-1.21	
			<i>For &gt;200 To 500, Deduct</i>	-2.41	
			<i>For &gt;500, Deduct</i>	-3.37	
05 75 00 00-0032	SF		0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls.....	21.43	3.36
			<i>For &gt;16 To 200, Deduct</i>	-1.32	
			<i>For &gt;200 To 500, Deduct</i>	-2.65	
			<i>For &gt;500, Deduct</i>	-3.72	
05 75 00 00-0033	SF		0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls.....	25.50	3.90
			<i>For &gt;16 To 200, Deduct</i>	-1.57	
			<i>For &gt;200 To 500, Deduct</i>	-3.14	
			<i>For &gt;500, Deduct</i>	-4.41	
<b>05 75 00 00-0034</b>			<b>Galvanized Steel Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small>		
			Note: Includes field fabrication.		
05 75 00 00-0035	SF		0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	9.73	2.32
			<i>For &gt;16 To 200, Deduct</i>	-0.66	
			<i>For &gt;200 To 500, Deduct</i>	-1.32	
			<i>For &gt;500, Deduct</i>	-1.81	
05 75 00 00-0036	SF		0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	10.79	2.59
			<i>For &gt;16 To 200, Deduct</i>	-0.73	
			<i>For &gt;200 To 500, Deduct</i>	-1.47	
			<i>For &gt;500, Deduct</i>	-2.01	
05 75 00 00-0037	SF		0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	11.48	2.79
			<i>For &gt;16 To 200, Deduct</i>	-0.78	
			<i>For &gt;200 To 500, Deduct</i>	-1.57	
			<i>For &gt;500, Deduct</i>	-2.14	
05 75 00 00-0038	SF		0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	12.18	2.94
			<i>For &gt;16 To 200, Deduct</i>	-0.83	
			<i>For &gt;200 To 500, Deduct</i>	-1.66	
			<i>For &gt;500, Deduct</i>	-2.27	
05 75 00 00-0039	SF		0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	13.10	3.07
			<i>For &gt;16 To 200, Deduct</i>	-0.89	
			<i>For &gt;200 To 500, Deduct</i>	-1.77	
			<i>For &gt;500, Deduct</i>	-2.43	
05 75 00 00-0040	SF		0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	14.08	3.21
			<i>For &gt;16 To 200, Deduct</i>	-0.95	
			<i>For &gt;200 To 500, Deduct</i>	-1.89	
			<i>For &gt;500, Deduct</i>	-2.59	
05 75 00 00-0041	SF		0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	15.63	3.36
			<i>For &gt;16 To 200, Deduct</i>	-1.03	
			<i>For &gt;200 To 500, Deduct</i>	-2.07	
			<i>For &gt;500, Deduct</i>	-2.85	
05 75 00 00-0042	SF		0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	17.89	3.63
			<i>For &gt;16 To 200, Deduct</i>	-1.17	
			<i>For &gt;200 To 500, Deduct</i>	-2.33	
			<i>For &gt;500, Deduct</i>	-3.23	



<b>05</b>	<b>05</b>	<b>Metals</b>
	<b>05 70</b>	<b>Decorative Metal</b>
	<b>05 75</b>	<b>Decorative Formed Metal</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
05 75 00 00-0043 SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls .....	20.61	4.20
For >16 To 200, Deduct	-1.35	
For >200 To 500, Deduct	-2.69	
For >500, Deduct	-3.72	
<b>05 75 00 00-0044 Galvanized Zinc-Plated Steel Sheets, Installed On Walls</b> <small>(05 75 00 00-0001)</small>		
Note: Includes field fabrication.		
05 75 00 00-0045 SF 0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	13.29	2.21
For >16 To 200, Deduct	-0.88	
For >200 To 500, Deduct	-1.77	
For >500, Deduct	-2.43	
05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	15.38	2.49
For >16 To 200, Deduct	-1.02	
For >200 To 500, Deduct	-2.04	
For >500, Deduct	-2.81	
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	17.44	2.77
For >16 To 200, Deduct	-1.15	
For >200 To 500, Deduct	-2.30	
For >500, Deduct	-3.17	
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls .....	19.28	3.00
For >16 To 200, Deduct	-1.26	
For >200 To 500, Deduct	-2.53	
For >500, Deduct	-3.49	

**END OF SECTION 05**



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

## 06 Wood, Plastics, and Composites

### 06 01 Maintenance of Wood, Plastics, and Composites <sup>(06)</sup>

#### 06 01 20 Maintenance of Finish Carpentry <sup>(06 01)</sup>

##### 06 01 20 91 Finish Carpentry Restoration <sup>(06 01 20)</sup>

06 01 20 91-0001	Wood Trim Repair <sup>(06 01 20 91)</sup>		
06 01 20 91-0002	SF Restoration Of Existing Decorative Woodwork.....	9.05	

Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.

#### 06 01 40 Maintenance of Architectural Woodwork <sup>(06 01)</sup>

##### 06 01 40 51 Architectural Woodwork Cleaning <sup>(06 01 40)</sup>

See CSI section 09 01 90 52-0035 for cleaning of wood surfaces.

##### 06 01 40 91 Architectural Woodwork Restoration <sup>(06 01 40)</sup>

06 01 40 91-0001	Cabinet Hardware Replacement <sup>(06 01 40 91)</sup>		
06 01 40 91-0002	EA Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges .....	43.20	
06 01 40 91-0003	EA Removal And Replacement Of Semi-Concealed, Brass Cabinet Hinges .....	42.72	

### 06 05 Common Work Results for Wood, Plastics, and Composites <sup>(06)</sup>

#### 06 05 23 Wood, Plastic, and Composite Fastenings <sup>(06 05)</sup>

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001	Threaded Anchor Bolts <sup>(06 05 23)</sup>		
Note: Threaded on two ends with two nuts and flat washers.			
06 05 23 00-0002	EA 1/2" Diameter x 4" Long, Threaded Anchor Bolt .....	16.11	
	For >10 To 50, Deduct	-0.42	
	For >50 To 100, Deduct	-1.04	
	For >100 To 250, Deduct	-2.08	
	For >250 To 500, Deduct	-3.54	
	For >500, Deduct	-5.01	
06 05 23 00-0003	EA 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt .....	22.51	
	For >10 To 50, Deduct	-0.46	
	For >50 To 100, Deduct	-1.25	
	For >100 To 250, Deduct	-2.50	
	For >250 To 500, Deduct	-4.20	
	For >500, Deduct	-5.91	
06 05 23 00-0004	EA 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt .....	25.08	
	For >10 To 50, Deduct	-0.46	
	For >50 To 100, Deduct	-1.31	
	For >100 To 250, Deduct	-2.63	
	For >250 To 500, Deduct	-4.40	
	For >500, Deduct	-6.17	
06 05 23 00-0005	EA 3/4" Diameter x 12" Long, Threaded Anchor Bolt .....	52.50	
	For >10 To 50, Deduct	-0.63	
	For >50 To 100, Deduct	-2.25	
	For >100 To 250, Deduct	-4.50	
	For >250 To 500, Deduct	-7.38	
	For >500, Deduct	-10.26	

#### 06 05 23 00-0006 Framing Anchors <sup>(06 05 23)</sup>

Note: Including nails.

06 05 23 00-0007	EA 1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34) .....	7.49	3.57
	For >10 To 50, Deduct	-0.34	
	For >50 To 100, Deduct	-0.70	
	For >100 To 250, Deduct	-1.39	
	For >250 To 500, Deduct	-2.43	
	For >500, Deduct	-3.47	
06 05 23 00-0008	EA 1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35) .....	8.37	3.92
	For >10 To 50, Deduct	-0.38	
	For >50 To 100, Deduct	-0.78	
	For >100 To 250, Deduct	-1.56	
	For >250 To 500, Deduct	-2.73	
	For >500, Deduct	-3.89	

#### 06 05 23 00-0009 Angle Anchors <sup>(06 05 23)</sup>

Note: Including nails.

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0010	EA		2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21) .....	7.58	3.57
			<i>For &gt;10 To 50, Deduct</i>	-0.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.70	
			<i>For &gt;100 To 250, Deduct</i>	-1.40	
			<i>For &gt;250 To 500, Deduct</i>	-2.44	
			<i>For &gt;500, Deduct</i>	-3.47	
06 05 23 00-0011	EA		2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23) .....	8.31	3.80
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.75	
			<i>For &gt;100 To 250, Deduct</i>	-1.50	
			<i>For &gt;250 To 500, Deduct</i>	-2.62	
			<i>For &gt;500, Deduct</i>	-3.73	
06 05 23 00-0012	EA		3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24) .....	14.06	3.92
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.92	
			<i>For &gt;100 To 250, Deduct</i>	-1.85	
			<i>For &gt;250 To 500, Deduct</i>	-3.16	
			<i>For &gt;500, Deduct</i>	-4.46	
06 05 23 00-0013	EA		3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33) .....	12.71	3.92
			<i>For &gt;10 To 50, Deduct</i>	-0.38	
			<i>For &gt;50 To 100, Deduct</i>	-0.89	
			<i>For &gt;100 To 250, Deduct</i>	-1.78	
			<i>For &gt;250 To 500, Deduct</i>	-3.05	
			<i>For &gt;500, Deduct</i>	-4.33	
06 05 23 00-0014	EA		4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44) .....	13.90	4.40
			<i>For &gt;10 To 50, Deduct</i>	-0.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.98	
			<i>For &gt;100 To 250, Deduct</i>	-1.96	
			<i>For &gt;250 To 500, Deduct</i>	-3.36	
			<i>For &gt;500, Deduct</i>	-4.76	
06 05 23 00-0015	EA		5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66) .....	15.73	4.64
			<i>For &gt;10 To 50, Deduct</i>	-0.45	
			<i>For &gt;50 To 100, Deduct</i>	-1.07	
			<i>For &gt;100 To 250, Deduct</i>	-2.15	
			<i>For &gt;250 To 500, Deduct</i>	-3.67	
			<i>For &gt;500, Deduct</i>	-5.20	
<b>06 05 23 00-0016</b>			<b>Reinforcing Angle Wood Construction Connectors</b> (06 05 23)		
			Note: Including nails.		
06 05 23 00-0017	EA		3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30) .....	8.30	3.33
			<i>For &gt;10 To 50, Deduct</i>	-0.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.72	
			<i>For &gt;100 To 250, Deduct</i>	-1.43	
			<i>For &gt;250 To 500, Deduct</i>	-2.49	
			<i>For &gt;500, Deduct</i>	-3.55	
06 05 23 00-0018	EA		5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50) .....	10.19	3.57
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100 To 250, Deduct</i>	-1.59	
			<i>For &gt;250 To 500, Deduct</i>	-2.74	
			<i>For &gt;500, Deduct</i>	-3.90	
06 05 23 00-0019	EA		7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70) .....	11.57	3.68
			<i>For &gt;10 To 50, Deduct</i>	-0.37	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100 To 250, Deduct</i>	-1.69	
			<i>For &gt;250 To 500, Deduct</i>	-2.91	
			<i>For &gt;500, Deduct</i>	-4.13	
06 05 23 00-0020	EA		9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90) .....	12.81	3.80
			<i>For &gt;10 To 50, Deduct</i>	-0.39	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100 To 250, Deduct</i>	-1.81	
			<i>For &gt;250 To 500, Deduct</i>	-3.11	
			<i>For &gt;500, Deduct</i>	-4.40	
06 05 23 00-0021	EA		3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30) .....	9.03	3.33
			<i>For &gt;10 To 50, Deduct</i>	-0.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.74	
			<i>For &gt;100 To 250, Deduct</i>	-1.47	
			<i>For &gt;250 To 500, Deduct</i>	-2.54	
			<i>For &gt;500, Deduct</i>	-3.62	
06 05 23 00-0022	EA		4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50) .....	9.94	3.57
			<i>For &gt;10 To 50, Deduct</i>	-0.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.79	
			<i>For &gt;100 To 250, Deduct</i>	-1.58	
			<i>For &gt;250 To 500, Deduct</i>	-2.73	
			<i>For &gt;500, Deduct</i>	-3.87	
06 05 23 00-0023	EA		6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70) .....	11.50	3.68
			<i>For &gt;10 To 50, Deduct</i>	-0.37	
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100 To 250, Deduct</i>	-1.69	
			<i>For &gt;250 To 500, Deduct</i>	-2.91	
			<i>For &gt;500, Deduct</i>	-4.13	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0024 EA 7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90).....	13.59	3.80
<i>For &gt;10 To 50, Deduct</i>	-0.39	
<i>For &gt;50 To 100, Deduct</i>	-0.92	
<i>For &gt;100 To 250, Deduct</i>	-1.85	
<i>For &gt;250 To 500, Deduct</i>	-3.16	
<i>For &gt;500, Deduct</i>	-4.48	
<b>06 05 23 00-0025 Hold Down Anchors</b> <small>(06 05 23)</small>		
Note: Including nails.		
06 05 23 00-0026 EA 8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B).....	59.37	
<i>For &gt;10 To 50, Deduct</i>	-1.84	
<i>For &gt;50 To 100, Deduct</i>	-4.25	
<i>For &gt;100 To 250, Deduct</i>	-8.50	
<i>For &gt;250 To 500, Deduct</i>	-14.59	
<i>For &gt;500, Deduct</i>	-20.69	
06 05 23 00-0027 EA 9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B).....	82.30	
<i>For &gt;10 To 50, Deduct</i>	-1.90	
<i>For &gt;50 To 100, Deduct</i>	-4.91	
<i>For &gt;100 To 250, Deduct</i>	-9.82	
<i>For &gt;250 To 500, Deduct</i>	-16.64	
<i>For &gt;500, Deduct</i>	-23.45	
06 05 23 00-0028 EA 12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B).....	101.09	
<i>For &gt;10 To 50, Deduct</i>	-2.02	
<i>For &gt;50 To 100, Deduct</i>	-5.56	
<i>For &gt;100 To 250, Deduct</i>	-11.12	
<i>For &gt;250 To 500, Deduct</i>	-18.70	
<i>For &gt;500, Deduct</i>	-26.29	
06 05 23 00-0029 EA 14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B).....	119.15	
<i>For &gt;10 To 50, Deduct</i>	-2.26	
<i>For &gt;50 To 100, Deduct</i>	-6.37	
<i>For &gt;100 To 250, Deduct</i>	-12.74	
<i>For &gt;250 To 500, Deduct</i>	-21.36	
<i>For &gt;500, Deduct</i>	-29.99	
06 05 23 00-0030 EA 20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....	192.00	
<i>For &gt;10 To 50, Deduct</i>	-2.85	
<i>For &gt;50 To 100, Deduct</i>	-9.08	
<i>For &gt;100 To 250, Deduct</i>	-18.16	
<i>For &gt;250 To 500, Deduct</i>	-30.10	
<i>For &gt;500, Deduct</i>	-42.04	
06 05 23 00-0031 EA 24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....	257.49	
<i>For &gt;10 To 50, Deduct</i>	-2.97	
<i>For &gt;50 To 100, Deduct</i>	-10.90	
<i>For &gt;100 To 250, Deduct</i>	-21.79	
<i>For &gt;250 To 500, Deduct</i>	-35.66	
<i>For &gt;500, Deduct</i>	-49.53	
06 05 23 00-0032 EA 8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....	69.48	
<i>For &gt;10 To 50, Deduct</i>	-1.84	
<i>For &gt;50 To 100, Deduct</i>	-4.50	
<i>For &gt;100 To 250, Deduct</i>	-9.00	
<i>For &gt;250 To 500, Deduct</i>	-15.35	
<i>For &gt;500, Deduct</i>	-21.70	
06 05 23 00-0033 EA 10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5).....	76.71	
<i>For &gt;10 To 50, Deduct</i>	-1.90	
<i>For &gt;50 To 100, Deduct</i>	-4.77	
<i>For &gt;100 To 250, Deduct</i>	-9.54	
<i>For &gt;250 To 500, Deduct</i>	-16.22	
<i>For &gt;500, Deduct</i>	-22.90	
06 05 23 00-0034 EA 13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....	85.78	
<i>For &gt;10 To 50, Deduct</i>	-2.02	
<i>For &gt;50 To 100, Deduct</i>	-5.18	
<i>For &gt;100 To 250, Deduct</i>	-10.36	
<i>For &gt;250 To 500, Deduct</i>	-17.55	
<i>For &gt;500, Deduct</i>	-24.75	
06 05 23 00-0035 EA 16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....	105.61	
<i>For &gt;10 To 50, Deduct</i>	-2.26	
<i>For &gt;50 To 100, Deduct</i>	-6.03	
<i>For &gt;100 To 250, Deduct</i>	-12.06	
<i>For &gt;250 To 500, Deduct</i>	-20.35	
<i>For &gt;500, Deduct</i>	-28.64	
06 05 23 00-0036 EA 22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....	135.94	
<i>For &gt;10 To 50, Deduct</i>	-2.85	
<i>For &gt;50 To 100, Deduct</i>	-7.68	
<i>For &gt;100 To 250, Deduct</i>	-15.36	
<i>For &gt;250 To 500, Deduct</i>	-25.90	
<i>For &gt;500, Deduct</i>	-36.43	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5).....	151.58	
		<i>For &gt;10 To 50, Deduct</i>	-2.97	
		<i>For &gt;50 To 100, Deduct</i>	-8.25	
		<i>For &gt;100 To 250, Deduct</i>	-16.50	
		<i>For &gt;250 To 500, Deduct</i>	-27.72	
		<i>For &gt;500, Deduct</i>	-38.94	
<b>06 05 23 00-0038</b>		<b>Joist And Beam Hangers</b> (06 05 23)		
		Note: Including nails.		
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....	7.95	3.33
		<i>For &gt;10 To 50, Deduct</i>	-0.34	
		<i>For &gt;50 To 100, Deduct</i>	-0.71	
		<i>For &gt;100 To 250, Deduct</i>	-1.42	
		<i>For &gt;250 To 500, Deduct</i>	-2.46	
		<i>For &gt;500, Deduct</i>	-3.51	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....	8.84	3.57
		<i>For &gt;10 To 50, Deduct</i>	-0.36	
		<i>For &gt;50 To 100, Deduct</i>	-0.76	
		<i>For &gt;100 To 250, Deduct</i>	-1.52	
		<i>For &gt;250 To 500, Deduct</i>	-2.64	
		<i>For &gt;500, Deduct</i>	-3.76	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36).....	12.23	3.68
		<i>For &gt;10 To 50, Deduct</i>	-0.37	
		<i>For &gt;50 To 100, Deduct</i>	-0.86	
		<i>For &gt;100 To 250, Deduct</i>	-1.73	
		<i>For &gt;250 To 500, Deduct</i>	-2.96	
		<i>For &gt;500, Deduct</i>	-4.20	
06 05 23 00-0042	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310).....	13.28	3.80
		<i>For &gt;10 To 50, Deduct</i>	-0.39	
		<i>For &gt;50 To 100, Deduct</i>	-0.92	
		<i>For &gt;100 To 250, Deduct</i>	-1.83	
		<i>For &gt;250 To 500, Deduct</i>	-3.14	
		<i>For &gt;500, Deduct</i>	-4.45	
06 05 23 00-0043	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46).....	20.08	4.04
		<i>For &gt;10 To 50, Deduct</i>	-0.40	
		<i>For &gt;50 To 100, Deduct</i>	-1.10	
		<i>For &gt;100 To 250, Deduct</i>	-2.21	
		<i>For &gt;250 To 500, Deduct</i>	-3.71	
		<i>For &gt;500, Deduct</i>	-5.22	
06 05 23 00-0044	EA	14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412).....	23.84	4.17
		<i>For &gt;10 To 50, Deduct</i>	-0.41	
		<i>For &gt;50 To 100, Deduct</i>	-1.21	
		<i>For &gt;100 To 250, Deduct</i>	-2.43	
		<i>For &gt;250 To 500, Deduct</i>	-4.05	
		<i>For &gt;500, Deduct</i>	-5.68	
<b>06 05 23 00-0045</b>		<b>Anchor And Ties</b> (06 05 23)		
		Note: Including nails.		
06 05 23 00-0046	EA	12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....	35.96	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA	16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....	44.54	
		Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ).....	4.86	
06 05 23 00-0049	EA	16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ).....	5.45	
<b>06 05 23 00-0050</b>		<b>Hurricane Ties</b> (06 05 23)		
06 05 23 00-0051	EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A).....	8.75	3.68
		<i>For &gt;10 To 50, Deduct</i>	-0.41	
		<i>For &gt;50 To 100, Deduct</i>	-0.83	
		<i>For &gt;100 To 250, Deduct</i>	-1.67	
		<i>For &gt;250 To 500, Deduct</i>	-2.91	
		<i>For &gt;500, Deduct</i>	-4.16	
06 05 23 00-0052	EA	6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ).....	3.14	
06 05 23 00-0053	EA	6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS).....	8.26	
06 05 23 00-0054	EA	10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A).....	10.65	3.68
		<i>For &gt;10 To 50, Deduct</i>	-0.41	
		<i>For &gt;50 To 100, Deduct</i>	-0.88	
		<i>For &gt;100 To 250, Deduct</i>	-1.76	
		<i>For &gt;250 To 500, Deduct</i>	-3.05	
		<i>For &gt;500, Deduct</i>	-4.35	
06 05 23 00-0055	EA	19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....	17.35	
<b>06 05 23 00-0056</b>		<b>Post Column Bases</b> (06 05 23)		
		Note: Including nails.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0057 EA Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44) .....	33.85	
06 05 23 00-0058 EA Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46) .....	51.13	
06 05 23 00-0059 EA Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66) .....	52.63	
 <b>06 05 23 00-0060 Post Column Caps <small>(06 05 23)</small></b>		
Note: Including nails.		
06 05 23 00-0061 EA 4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4) .....	17.97	4.17
<i>For &gt;10 To 50, Deduct</i>	-0.46	
<i>For &gt;50 To 100, Deduct</i>	-1.14	
<i>For &gt;100 To 250, Deduct</i>	-2.27	
<i>For &gt;250 To 500, Deduct</i>	-3.86	
<i>For &gt;500, Deduct</i>	-5.46	
06 05 23 00-0062 EA 6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6) .....	38.87	4.17
<i>For &gt;10 To 50, Deduct</i>	-0.48	
<i>For &gt;50 To 100, Deduct</i>	-1.70	
<i>For &gt;100 To 250, Deduct</i>	-3.39	
<i>For &gt;250 To 500, Deduct</i>	-5.57	
<i>For &gt;500, Deduct</i>	-7.75	
06 05 23 00-0063 EA 3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4) .....	192.08	
Note: Excludes field welding		
<i>For &gt;10 To 50, Deduct</i>	-1.19	
<i>For &gt;50 To 100, Deduct</i>	-6.59	
<i>For &gt;100 To 250, Deduct</i>	-13.17	
<i>For &gt;250 To 500, Deduct</i>	-20.95	
<i>For &gt;500, Deduct</i>	-28.72	
<i>For Hot Dipped Galvanized, Add</i>	75.74	
06 05 23 00-0064 EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6) .....	201.01	
<i>For &gt;10 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-7.03	
<i>For &gt;100 To 250, Deduct</i>	-14.06	
<i>For &gt;250 To 500, Deduct</i>	-22.43	
<i>For &gt;500, Deduct</i>	-30.81	
<i>For Hot Dipped Galvanized, Add</i>	78.41	
06 05 23 00-0065 EA 4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44) .....	124.65	
Note: Excludes field welding		
<i>For &gt;10 To 50, Deduct</i>	-1.19	
<i>For &gt;50 To 100, Deduct</i>	-4.90	
<i>For &gt;100 To 250, Deduct</i>	-9.80	
<i>For &gt;250 To 500, Deduct</i>	-15.89	
<i>For &gt;500, Deduct</i>	-21.98	
<i>For Hot Dipped Galvanized, Add</i>	45.39	
06 05 23 00-0066 EA 4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46) .....	196.91	
<i>For &gt;10 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-6.93	
<i>For &gt;100 To 250, Deduct</i>	-13.86	
<i>For &gt;250 To 500, Deduct</i>	-22.13	
<i>For &gt;500, Deduct</i>	-30.40	
<i>For Hot Dipped Galvanized, Add</i>	76.57	
06 05 23 00-0067 EA 4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48) .....	205.77	
Note: Excludes field welding		
<i>For &gt;10 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-7.15	
<i>For &gt;100 To 250, Deduct</i>	-14.30	
<i>For &gt;250 To 500, Deduct</i>	-22.79	
<i>For &gt;500, Deduct</i>	-31.28	
<i>For Hot Dipped Galvanized, Add</i>	80.55	
06 05 23 00-0068 EA 6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64) .....	210.11	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-7.17	
<i>For &gt;100 To 250, Deduct</i>	-14.34	
<i>For &gt;250 To 500, Deduct</i>	-22.79	
<i>For &gt;500, Deduct</i>	-31.24	
<i>For Hot Dipped Galvanized, Add</i>	83.04	
06 05 23 00-0069 EA 6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66) .....	212.49	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-7.41	
<i>For &gt;100 To 250, Deduct</i>	-14.82	
<i>For &gt;250 To 500, Deduct</i>	-23.62	
<i>For &gt;500, Deduct</i>	-32.43	
<i>For Hot Dipped Galvanized, Add</i>	83.04	
06 05 23 00-0070 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68) .....	212.49	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-7.41	
<i>For &gt;100 To 250, Deduct</i>	-14.82	
<i>For &gt;250 To 500, Deduct</i>	-23.62	
<i>For &gt;500, Deduct</i>	-32.43	
<i>For Hot Dipped Galvanized, Add</i>	83.04	
06 05 23 00-0071 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4) .....	244.85	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-8.04	
<i>For &gt;100 To 250, Deduct</i>	-16.08	
<i>For &gt;250 To 500, Deduct</i>	-25.40	
<i>For &gt;500, Deduct</i>	-34.71	
<i>For Hot Dipped Galvanized, Add</i>	98.68	



**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0072	EA		5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6) .....	247.23	
			<i>For &gt;10 To 50, Deduct</i>	-1.40	
			<i>For &gt;50 To 100, Deduct</i>	-8.28	
			<i>For &gt;100 To 250, Deduct</i>	-16.55	
			<i>For &gt;250 To 500, Deduct</i>	-26.23	
			<i>For &gt;500, Deduct</i>	-35.90	
			<i>For Hot Dipped Galvanized, Add</i>	98.68	
06 05 23 00-0073	EA		5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8) .....	247.23	
			<i>For &gt;10 To 50, Deduct</i>	-1.40	
			<i>For &gt;50 To 100, Deduct</i>	-8.28	
			<i>For &gt;100 To 250, Deduct</i>	-16.55	
			<i>For &gt;250 To 500, Deduct</i>	-26.23	
			<i>For &gt;500, Deduct</i>	-35.90	
			<i>For Hot Dipped Galvanized, Add</i>	98.68	
06 05 23 00-0074	EA		8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84) .....	298.65	
			<i>For &gt;10 To 50, Deduct</i>	-1.28	
			<i>For &gt;50 To 100, Deduct</i>	-9.38	
			<i>For &gt;100 To 250, Deduct</i>	-18.77	
			<i>For &gt;250 To 500, Deduct</i>	-29.43	
			<i>For &gt;500, Deduct</i>	-40.09	
			<i>For Hot Dipped Galvanized, Add</i>	122.89	
06 05 23 00-0075	EA		8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86) .....	301.03	
			<i>For &gt;10 To 50, Deduct</i>	-1.40	
			<i>For &gt;50 To 100, Deduct</i>	-9.62	
			<i>For &gt;100 To 250, Deduct</i>	-19.24	
			<i>For &gt;250 To 500, Deduct</i>	-30.26	
			<i>For &gt;500, Deduct</i>	-41.28	
			<i>For Hot Dipped Galvanized, Add</i>	122.89	
06 05 23 00-0076	EA		8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88) .....	301.03	
			<i>For &gt;10 To 50, Deduct</i>	-1.40	
			<i>For &gt;50 To 100, Deduct</i>	-9.62	
			<i>For &gt;100 To 250, Deduct</i>	-19.24	
			<i>For &gt;250 To 500, Deduct</i>	-30.26	
			<i>For &gt;500, Deduct</i>	-41.28	
			<i>For Hot Dipped Galvanized, Add</i>	122.89	
06 05 23 00-0077	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4) .....	192.08	
			Note: Excludes field welding		
			<i>For &gt;10 To 50, Deduct</i>	-1.19	
			<i>For &gt;50 To 100, Deduct</i>	-6.59	
			<i>For &gt;100 To 250, Deduct</i>	-13.17	
			<i>For &gt;250 To 500, Deduct</i>	-20.95	
			<i>For &gt;500, Deduct</i>	-28.72	
			<i>For Hot Dipped Galvanized, Add</i>	75.74	
06 05 23 00-0078	EA		3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6) .....	201.01	
			<i>For &gt;10 To 50, Deduct</i>	-1.34	
			<i>For &gt;50 To 100, Deduct</i>	-7.03	
			<i>For &gt;100 To 250, Deduct</i>	-14.06	
			<i>For &gt;250 To 500, Deduct</i>	-22.43	
			<i>For &gt;500, Deduct</i>	-30.81	
			<i>For Hot Dipped Galvanized, Add</i>	78.41	
06 05 23 00-0079	EA		4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44) .....	124.65	
			Note: Excludes field welding		
			<i>For &gt;10 To 50, Deduct</i>	-1.19	
			<i>For &gt;50 To 100, Deduct</i>	-4.90	
			<i>For &gt;100 To 250, Deduct</i>	-9.80	
			<i>For &gt;250 To 500, Deduct</i>	-15.89	
			<i>For &gt;500, Deduct</i>	-21.98	
			<i>For Hot Dipped Galvanized, Add</i>	45.39	
06 05 23 00-0080	EA		4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46) .....	196.91	
			<i>For &gt;10 To 50, Deduct</i>	-1.34	
			<i>For &gt;50 To 100, Deduct</i>	-6.93	
			<i>For &gt;100 To 250, Deduct</i>	-13.86	
			<i>For &gt;250 To 500, Deduct</i>	-22.13	
			<i>For &gt;500, Deduct</i>	-30.40	
			<i>For Hot Dipped Galvanized, Add</i>	76.57	
06 05 23 00-0081	EA		4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48) .....	205.77	
			Note: Excludes field welding		
			<i>For &gt;10 To 50, Deduct</i>	-1.34	
			<i>For &gt;50 To 100, Deduct</i>	-7.15	
			<i>For &gt;100 To 250, Deduct</i>	-14.30	
			<i>For &gt;250 To 500, Deduct</i>	-22.79	
			<i>For &gt;500, Deduct</i>	-31.28	
			<i>For Hot Dipped Galvanized, Add</i>	80.55	
06 05 23 00-0082	EA		6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64) .....	210.11	
			<i>For &gt;10 To 50, Deduct</i>	-1.28	
			<i>For &gt;50 To 100, Deduct</i>	-7.17	
			<i>For &gt;100 To 250, Deduct</i>	-14.34	
			<i>For &gt;250 To 500, Deduct</i>	-22.79	
			<i>For &gt;500, Deduct</i>	-31.24	
			<i>For Hot Dipped Galvanized, Add</i>	83.04	
06 05 23 00-0083	EA		6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66) .....	212.49	
			<i>For &gt;10 To 50, Deduct</i>	-1.40	
			<i>For &gt;50 To 100, Deduct</i>	-7.41	
			<i>For &gt;100 To 250, Deduct</i>	-14.82	
			<i>For &gt;250 To 500, Deduct</i>	-23.62	
			<i>For &gt;500, Deduct</i>	-32.43	
			<i>For Hot Dipped Galvanized, Add</i>	83.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0084 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....	212.49	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-7.41	
<i>For &gt;100 To 250, Deduct</i>	-14.82	
<i>For &gt;250 To 500, Deduct</i>	-23.62	
<i>For &gt;500, Deduct</i>	-32.43	
<i>For Hot Dipped Galvanized, Add</i>	83.04	
06 05 23 00-0085 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4).....	244.85	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-8.04	
<i>For &gt;100 To 250, Deduct</i>	-16.08	
<i>For &gt;250 To 500, Deduct</i>	-25.40	
<i>For &gt;500, Deduct</i>	-34.71	
<i>For Hot Dipped Galvanized, Add</i>	98.68	
06 05 23 00-0086 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6).....	247.23	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-8.28	
<i>For &gt;100 To 250, Deduct</i>	-16.55	
<i>For &gt;250 To 500, Deduct</i>	-26.23	
<i>For &gt;500, Deduct</i>	-35.90	
<i>For Hot Dipped Galvanized, Add</i>	98.68	
06 05 23 00-0087 EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8).....	247.23	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-8.28	
<i>For &gt;100 To 250, Deduct</i>	-16.55	
<i>For &gt;250 To 500, Deduct</i>	-26.23	
<i>For &gt;500, Deduct</i>	-35.90	
<i>For Hot Dipped Galvanized, Add</i>	98.68	
06 05 23 00-0088 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84).....	298.65	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-9.38	
<i>For &gt;100 To 250, Deduct</i>	-18.77	
<i>For &gt;250 To 500, Deduct</i>	-29.43	
<i>For &gt;500, Deduct</i>	-40.09	
<i>For Hot Dipped Galvanized, Add</i>	122.89	
06 05 23 00-0089 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86).....	301.03	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-9.62	
<i>For &gt;100 To 250, Deduct</i>	-19.24	
<i>For &gt;250 To 500, Deduct</i>	-30.26	
<i>For &gt;500, Deduct</i>	-41.28	
<i>For Hot Dipped Galvanized, Add</i>	122.89	
06 05 23 00-0090 EA 8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88).....	301.03	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-9.62	
<i>For &gt;100 To 250, Deduct</i>	-19.24	
<i>For &gt;250 To 500, Deduct</i>	-30.26	
<i>For &gt;500, Deduct</i>	-41.28	
<i>For Hot Dipped Galvanized, Add</i>	122.89	
<b>06 05 23 00-0091 Rafter Connectors</b> <small>(06 05 23)</small>		
06 05 23 00-0092 EA Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR).....	10.36	3.68
<i>For &gt;10 To 50, Deduct</i>	-0.41	
<i>For &gt;50 To 100, Deduct</i>	-0.87	
<i>For &gt;100 To 250, Deduct</i>	-1.75	
<i>For &gt;250 To 500, Deduct</i>	-3.03	
<i>For &gt;500, Deduct</i>	-4.32	
<b>06 05 23 00-0093 Bolts And Fasteners</b> <small>(06 05 23)</small>		
<b>06 05 23 00-0094 Carriage Bolts</b> <small>(06 05 23 00-0093)</small>		
<small>Note: Includes drilling of holes in any material. Includes nut and washer.</small>		
<b>06 05 23 00-0095 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts</b> <small>(06 05 23 00-0094)</small>		
06 05 23 00-0096 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.90	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.56	
<i>For &gt;100 To 250, Deduct</i>	-3.11	
<i>For &gt;250 To 500, Deduct</i>	-5.44	
<i>For &gt;500, Deduct</i>	-7.77	
06 05 23 00-0097 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.10	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.56	
<i>For &gt;100 To 250, Deduct</i>	-3.12	
<i>For &gt;250 To 500, Deduct</i>	-5.46	
<i>For &gt;500, Deduct</i>	-7.79	
06 05 23 00-0098 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	16.22	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.57	
<i>For &gt;100 To 250, Deduct</i>	-3.13	
<i>For &gt;250 To 500, Deduct</i>	-5.47	
<i>For &gt;500, Deduct</i>	-7.81	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0099	EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	18.95	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-1.81	
	For >100 To 250, Deduct	-3.62	
	For >250 To 500, Deduct	-6.33	
	For >500, Deduct	-9.03	
06 05 23 00-0100	EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	17.61	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-1.69	
	For >100 To 250, Deduct	-3.38	
	For >250 To 500, Deduct	-5.90	
	For >500, Deduct	-8.42	
06 05 23 00-0101	EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.12	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-1.82	
	For >100 To 250, Deduct	-3.63	
	For >250 To 500, Deduct	-6.34	
	For >500, Deduct	-9.05	
06 05 23 00-0102	EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.43	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-1.82	
	For >100 To 250, Deduct	-3.65	
	For >250 To 500, Deduct	-6.36	
	For >500, Deduct	-9.08	
06 05 23 00-0103	EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	23.23	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.19	
	For >100 To 250, Deduct	-4.37	
	For >250 To 500, Deduct	-7.63	
	For >500, Deduct	-10.89	
06 05 23 00-0104	EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	25.35	
	For >10 To 50, Deduct	-1.13	
	For >50 To 100, Deduct	-2.33	
	For >100 To 250, Deduct	-4.66	
	For >250 To 500, Deduct	-8.12	
	For >500, Deduct	-11.58	
06 05 23 00-0105	EA 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	28.66	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-2.59	
	For >100 To 250, Deduct	-5.18	
	For >250 To 500, Deduct	-9.02	
	For >500, Deduct	-12.85	
06 05 23 00-0106	EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.78	
	For >10 To 50, Deduct	-0.89	
	For >50 To 100, Deduct	-1.83	
	For >100 To 250, Deduct	-3.67	
	For >250 To 500, Deduct	-6.39	
	For >500, Deduct	-9.11	
06 05 23 00-0107	EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	21.78	
	For >10 To 50, Deduct	-0.95	
	For >50 To 100, Deduct	-1.97	
	For >100 To 250, Deduct	-3.94	
	For >250 To 500, Deduct	-6.87	
	For >500, Deduct	-9.79	
06 05 23 00-0108	EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	23.23	
	For >10 To 50, Deduct	-1.01	
	For >50 To 100, Deduct	-2.10	
	For >100 To 250, Deduct	-4.19	
	For >250 To 500, Deduct	-7.30	
	For >500, Deduct	-10.41	
06 05 23 00-0109	EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	26.05	
	For >10 To 50, Deduct	-1.13	
	For >50 To 100, Deduct	-2.35	
	For >100 To 250, Deduct	-4.69	
	For >250 To 500, Deduct	-8.17	
	For >500, Deduct	-11.65	
06 05 23 00-0110	EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	30.71	
	For >10 To 50, Deduct	-1.31	
	For >50 To 100, Deduct	-2.73	
	For >100 To 250, Deduct	-5.46	
	For >250 To 500, Deduct	-9.50	
	For >500, Deduct	-13.54	
06 05 23 00-0111	EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	34.54	
	For >10 To 50, Deduct	-1.43	
	For >50 To 100, Deduct	-3.00	
	For >100 To 250, Deduct	-6.01	
	For >250 To 500, Deduct	-10.44	
	For >500, Deduct	-14.87	
06 05 23 00-0112	EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	27.60	
	For >10 To 50, Deduct	-1.07	
	For >50 To 100, Deduct	-2.30	
	For >100 To 250, Deduct	-4.59	
	For >250 To 500, Deduct	-7.96	
	For >500, Deduct	-11.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0113 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	30.04	
<i>For &gt;10 To 50, Deduct</i>	-1.13	
<i>For &gt;50 To 100, Deduct</i>	-2.45	
<i>For &gt;100 To 250, Deduct</i>	-4.89	
<i>For &gt;250 To 500, Deduct</i>	-8.47	
<i>For &gt;500, Deduct</i>	-12.04	
06 05 23 00-0114 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	36.17	
<i>For &gt;10 To 50, Deduct</i>	-1.31	
<i>For &gt;50 To 100, Deduct</i>	-2.87	
<i>For &gt;100 To 250, Deduct</i>	-5.73	
<i>For &gt;250 To 500, Deduct</i>	-9.91	
<i>For &gt;500, Deduct</i>	-14.09	
06 05 23 00-0115 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	41.06	
<i>For &gt;10 To 50, Deduct</i>	-1.37	
<i>For &gt;50 To 100, Deduct</i>	-3.08	
<i>For &gt;100 To 250, Deduct</i>	-6.16	
<i>For &gt;250 To 500, Deduct</i>	-10.60	
<i>For &gt;500, Deduct</i>	-15.05	
06 05 23 00-0116 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	44.57	
<i>For &gt;10 To 50, Deduct</i>	-1.49	
<i>For &gt;50 To 100, Deduct</i>	-3.34	
<i>For &gt;100 To 250, Deduct</i>	-6.69	
<i>For &gt;250 To 500, Deduct</i>	-11.52	
<i>For &gt;500, Deduct</i>	-16.35	
06 05 23 00-0117 EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt .....	45.34	
<i>For &gt;10 To 50, Deduct</i>	-1.55	
<i>For &gt;50 To 100, Deduct</i>	-3.45	
<i>For &gt;100 To 250, Deduct</i>	-6.91	
<i>For &gt;250 To 500, Deduct</i>	-11.90	
<i>For &gt;500, Deduct</i>	-16.90	
<b>06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts</b> <small>(06 05 23 00-0094)</small>		
06 05 23 00-0119 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	16.25	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.57	
<i>For &gt;100 To 250, Deduct</i>	-3.13	
<i>For &gt;250 To 500, Deduct</i>	-5.47	
<i>For &gt;500, Deduct</i>	-7.81	
06 05 23 00-0120 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	16.61	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.57	
<i>For &gt;100 To 250, Deduct</i>	-3.15	
<i>For &gt;250 To 500, Deduct</i>	-5.50	
<i>For &gt;500, Deduct</i>	-7.85	
06 05 23 00-0121 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	17.02	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.59	
<i>For &gt;100 To 250, Deduct</i>	-3.17	
<i>For &gt;250 To 500, Deduct</i>	-5.53	
<i>For &gt;500, Deduct</i>	-7.89	
06 05 23 00-0122 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	20.30	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-1.85	
<i>For &gt;100 To 250, Deduct</i>	-3.69	
<i>For &gt;250 To 500, Deduct</i>	-6.43	
<i>For &gt;500, Deduct</i>	-9.17	
06 05 23 00-0123 EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	18.10	
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-1.70	
<i>For &gt;100 To 250, Deduct</i>	-3.40	
<i>For &gt;250 To 500, Deduct</i>	-5.94	
<i>For &gt;500, Deduct</i>	-8.47	
06 05 23 00-0124 EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	19.88	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-1.84	
<i>For &gt;100 To 250, Deduct</i>	-3.67	
<i>For &gt;250 To 500, Deduct</i>	-6.40	
<i>For &gt;500, Deduct</i>	-9.12	
06 05 23 00-0125 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	20.33	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-1.85	
<i>For &gt;100 To 250, Deduct</i>	-3.69	
<i>For &gt;250 To 500, Deduct</i>	-6.43	
<i>For &gt;500, Deduct</i>	-9.17	
06 05 23 00-0126 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	24.59	
<i>For &gt;10 To 50, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-2.22	
<i>For &gt;100 To 250, Deduct</i>	-4.44	
<i>For &gt;250 To 500, Deduct</i>	-7.73	
<i>For &gt;500, Deduct</i>	-11.02	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0127	EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	26.88	
	<i>For &gt;10 To 50, Deduct</i>	-1.13	
	<i>For &gt;50 To 100, Deduct</i>	-2.37	
	<i>For &gt;100 To 250, Deduct</i>	-4.73	
	<i>For &gt;250 To 500, Deduct</i>	-8.23	
	<i>For &gt;500, Deduct</i>	-11.73	
06 05 23 00-0128	EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	30.07	
	<i>For &gt;10 To 50, Deduct</i>	-1.25	
	<i>For &gt;50 To 100, Deduct</i>	-2.62	
	<i>For &gt;100 To 250, Deduct</i>	-5.25	
	<i>For &gt;250 To 500, Deduct</i>	-9.12	
	<i>For &gt;500, Deduct</i>	-13.00	
06 05 23 00-0129	EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	20.92	
	<i>For &gt;10 To 50, Deduct</i>	-0.89	
	<i>For &gt;50 To 100, Deduct</i>	-1.86	
	<i>For &gt;100 To 250, Deduct</i>	-3.72	
	<i>For &gt;250 To 500, Deduct</i>	-6.48	
	<i>For &gt;500, Deduct</i>	-9.23	
06 05 23 00-0130	EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	22.68	
	<i>For &gt;10 To 50, Deduct</i>	-0.95	
	<i>For &gt;50 To 100, Deduct</i>	-1.99	
	<i>For &gt;100 To 250, Deduct</i>	-3.99	
	<i>For &gt;250 To 500, Deduct</i>	-6.93	
	<i>For &gt;500, Deduct</i>	-9.88	
06 05 23 00-0131	EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	24.30	
	<i>For &gt;10 To 50, Deduct</i>	-1.01	
	<i>For &gt;50 To 100, Deduct</i>	-2.12	
	<i>For &gt;100 To 250, Deduct</i>	-4.25	
	<i>For &gt;250 To 500, Deduct</i>	-7.38	
	<i>For &gt;500, Deduct</i>	-10.52	
06 05 23 00-0132	EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	27.59	
	<i>For &gt;10 To 50, Deduct</i>	-1.13	
	<i>For &gt;50 To 100, Deduct</i>	-2.38	
	<i>For &gt;100 To 250, Deduct</i>	-4.77	
	<i>For &gt;250 To 500, Deduct</i>	-8.28	
	<i>For &gt;500, Deduct</i>	-11.80	
06 05 23 00-0133	EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	32.21	
	<i>For &gt;10 To 50, Deduct</i>	-1.31	
	<i>For &gt;50 To 100, Deduct</i>	-2.77	
	<i>For &gt;100 To 250, Deduct</i>	-5.54	
	<i>For &gt;250 To 500, Deduct</i>	-9.61	
	<i>For &gt;500, Deduct</i>	-13.69	
06 05 23 00-0134	EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	35.70	
	<i>For &gt;10 To 50, Deduct</i>	-1.43	
	<i>For &gt;50 To 100, Deduct</i>	-3.03	
	<i>For &gt;100 To 250, Deduct</i>	-6.07	
	<i>For &gt;250 To 500, Deduct</i>	-10.53	
	<i>For &gt;500, Deduct</i>	-14.99	
06 05 23 00-0135	EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	31.02	
	<i>For &gt;10 To 50, Deduct</i>	-1.07	
	<i>For &gt;50 To 100, Deduct</i>	-2.38	
	<i>For &gt;100 To 250, Deduct</i>	-4.76	
	<i>For &gt;250 To 500, Deduct</i>	-8.21	
	<i>For &gt;500, Deduct</i>	-11.67	
06 05 23 00-0136	EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	32.43	
	<i>For &gt;10 To 50, Deduct</i>	-1.13	
	<i>For &gt;50 To 100, Deduct</i>	-2.51	
	<i>For &gt;100 To 250, Deduct</i>	-5.01	
	<i>For &gt;250 To 500, Deduct</i>	-8.65	
	<i>For &gt;500, Deduct</i>	-12.28	
06 05 23 00-0137	EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	37.87	
	<i>For &gt;10 To 50, Deduct</i>	-1.31	
	<i>For &gt;50 To 100, Deduct</i>	-2.91	
	<i>For &gt;100 To 250, Deduct</i>	-5.82	
	<i>For &gt;250 To 500, Deduct</i>	-10.04	
	<i>For &gt;500, Deduct</i>	-14.26	
06 05 23 00-0138	EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	40.93	
	<i>For &gt;10 To 50, Deduct</i>	-1.37	
	<i>For &gt;50 To 100, Deduct</i>	-3.08	
	<i>For &gt;100 To 250, Deduct</i>	-6.15	
	<i>For &gt;250 To 500, Deduct</i>	-10.59	
	<i>For &gt;500, Deduct</i>	-15.04	
06 05 23 00-0139	EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	46.78	
	<i>For &gt;10 To 50, Deduct</i>	-1.49	
	<i>For &gt;50 To 100, Deduct</i>	-3.40	
	<i>For &gt;100 To 250, Deduct</i>	-6.80	
	<i>For &gt;250 To 500, Deduct</i>	-11.68	
	<i>For &gt;500, Deduct</i>	-16.57	
06 05 23 00-0140	EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt .....	49.94	
	<i>For &gt;10 To 50, Deduct</i>	-1.55	
	<i>For &gt;50 To 100, Deduct</i>	-3.57	
	<i>For &gt;100 To 250, Deduct</i>	-7.14	
	<i>For &gt;250 To 500, Deduct</i>	-12.25	
	<i>For &gt;500, Deduct</i>	-17.36	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 05 23 00-0141</b> 304/18-8 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0142 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	17.20	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.59	
<i>For &gt;100 To 250, Deduct</i>	-3.18	
<i>For &gt;250 To 500, Deduct</i>	-5.54	
<i>For &gt;500, Deduct</i>	-7.90	
06 05 23 00-0143 EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	19.11	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.64	
<i>For &gt;100 To 250, Deduct</i>	-3.27	
<i>For &gt;250 To 500, Deduct</i>	-5.68	
<i>For &gt;500, Deduct</i>	-8.10	
06 05 23 00-0144 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	20.36	
<i>For &gt;10 To 50, Deduct</i>	-0.77	
<i>For &gt;50 To 100, Deduct</i>	-1.67	
<i>For &gt;100 To 250, Deduct</i>	-3.34	
<i>For &gt;250 To 500, Deduct</i>	-5.78	
<i>For &gt;500, Deduct</i>	-8.22	
06 05 23 00-0145 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	36.18	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-2.24	
<i>For &gt;100 To 250, Deduct</i>	-4.49	
<i>For &gt;250 To 500, Deduct</i>	-7.62	
<i>For &gt;500, Deduct</i>	-10.75	
06 05 23 00-0146 EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	20.16	
<i>For &gt;10 To 50, Deduct</i>	-0.83	
<i>For &gt;50 To 100, Deduct</i>	-1.75	
<i>For &gt;100 To 250, Deduct</i>	-3.51	
<i>For &gt;250 To 500, Deduct</i>	-6.09	
<i>For &gt;500, Deduct</i>	-8.68	
06 05 23 00-0147 EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	24.12	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-1.94	
<i>For &gt;100 To 250, Deduct</i>	-3.88	
<i>For &gt;250 To 500, Deduct</i>	-6.72	
<i>For &gt;500, Deduct</i>	-9.55	
06 05 23 00-0148 EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	24.72	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-1.96	
<i>For &gt;100 To 250, Deduct</i>	-3.91	
<i>For &gt;250 To 500, Deduct</i>	-6.76	
<i>For &gt;500, Deduct</i>	-9.61	
06 05 23 00-0149 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	48.19	
<i>For &gt;10 To 50, Deduct</i>	-1.07	
<i>For &gt;50 To 100, Deduct</i>	-2.81	
<i>For &gt;100 To 250, Deduct</i>	-5.62	
<i>For &gt;250 To 500, Deduct</i>	-9.50	
<i>For &gt;500, Deduct</i>	-13.38	
06 05 23 00-0150 EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	59.32	
<i>For &gt;10 To 50, Deduct</i>	-1.13	
<i>For &gt;50 To 100, Deduct</i>	-3.18	
<i>For &gt;100 To 250, Deduct</i>	-6.36	
<i>For &gt;250 To 500, Deduct</i>	-10.66	
<i>For &gt;500, Deduct</i>	-14.97	
06 05 23 00-0151 EA 3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	66.52	
<i>For &gt;10 To 50, Deduct</i>	-1.25	
<i>For &gt;50 To 100, Deduct</i>	-3.54	
<i>For &gt;100 To 250, Deduct</i>	-7.07	
<i>For &gt;250 To 500, Deduct</i>	-11.86	
<i>For &gt;500, Deduct</i>	-16.64	
06 05 23 00-0152 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	26.35	
<i>For &gt;10 To 50, Deduct</i>	-0.89	
<i>For &gt;50 To 100, Deduct</i>	-2.00	
<i>For &gt;100 To 250, Deduct</i>	-3.99	
<i>For &gt;250 To 500, Deduct</i>	-6.88	
<i>For &gt;500, Deduct</i>	-9.77	
06 05 23 00-0153 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	30.20	
<i>For &gt;10 To 50, Deduct</i>	-0.95	
<i>For &gt;50 To 100, Deduct</i>	-2.18	
<i>For &gt;100 To 250, Deduct</i>	-4.36	
<i>For &gt;250 To 500, Deduct</i>	-7.50	
<i>For &gt;500, Deduct</i>	-10.63	
06 05 23 00-0154 EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	37.18	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-2.45	
<i>For &gt;100 To 250, Deduct</i>	-4.89	
<i>For &gt;250 To 500, Deduct</i>	-8.35	
<i>For &gt;500, Deduct</i>	-11.81	
06 05 23 00-0155 EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	61.07	
<i>For &gt;10 To 50, Deduct</i>	-1.13	
<i>For &gt;50 To 100, Deduct</i>	-3.22	
<i>For &gt;100 To 250, Deduct</i>	-6.44	
<i>For &gt;250 To 500, Deduct</i>	-10.80	
<i>For &gt;500, Deduct</i>	-15.15	



**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0156	EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	68.85	
	For>10 To 50, Deduct	-1.31	
	For>50 To 100, Deduct	-3.68	
	For>100 To 250, Deduct	-7.37	
	For>250 To 500, Deduct	-12.36	
	For>500, Deduct	-17.35	
06 05 23 00-0157	EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	110.67	
	For>10 To 50, Deduct	-1.43	
	For>50 To 100, Deduct	-4.91	
	For>100 To 250, Deduct	-9.81	
	For>250 To 500, Deduct	-16.15	
	For>500, Deduct	-22.48	
06 05 23 00-0158	EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	85.86	
	For>10 To 50, Deduct	-1.13	
	For>50 To 100, Deduct	-3.84	
	For>100 To 250, Deduct	-7.68	
	For>250 To 500, Deduct	-12.65	
	For>500, Deduct	-17.63	
06 05 23 00-0159	EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	122.78	
	For>10 To 50, Deduct	-1.31	
	For>50 To 100, Deduct	-5.03	
	For>100 To 250, Deduct	-10.06	
	For>250 To 500, Deduct	-16.41	
	For>500, Deduct	-22.75	
06 05 23 00-0160	EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt .....	136.39	
	For>10 To 50, Deduct	-1.37	
	For>50 To 100, Deduct	-5.46	
	For>100 To 250, Deduct	-10.92	
	For>250 To 500, Deduct	-17.75	
	For>500, Deduct	-24.58	
06 05 23 00-0161	EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	203.50	
	For>10 To 50, Deduct	-1.49	
	For>50 To 100, Deduct	-7.32	
	For>100 To 250, Deduct	-14.63	
	For>250 To 500, Deduct	-23.44	
	For>500, Deduct	-32.24	
06 05 23 00-0162	EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	214.13	
	For>10 To 50, Deduct	-1.55	
	For>50 To 100, Deduct	-7.67	
	For>100 To 250, Deduct	-15.34	
	For>250 To 500, Deduct	-24.56	
	For>500, Deduct	-33.78	
<b>06 05 23 00-0163</b>	<b>316 Stainless Steel, Carriage Bolts</b> <small>(06 05 23 00-0094)</small>		
06 05 23 00-0164	EA 1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	26.02	
	For>10 To 50, Deduct	-0.77	
	For>50 To 100, Deduct	-1.81	
	For>100 To 250, Deduct	-3.62	
	For>250 To 500, Deduct	-6.20	
	For>500, Deduct	-8.79	
06 05 23 00-0165	EA 1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	29.37	
	For>10 To 50, Deduct	-0.77	
	For>50 To 100, Deduct	-1.89	
	For>100 To 250, Deduct	-3.79	
	For>250 To 500, Deduct	-6.45	
	For>500, Deduct	-9.12	
06 05 23 00-0166	EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	31.70	
	For>10 To 50, Deduct	-0.83	
	For>50 To 100, Deduct	-2.04	
	For>100 To 250, Deduct	-4.08	
	For>250 To 500, Deduct	-6.96	
	For>500, Deduct	-9.83	
06 05 23 00-0167	EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	37.54	
	For>10 To 50, Deduct	-0.89	
	For>50 To 100, Deduct	-2.28	
	For>100 To 250, Deduct	-4.55	
	For>250 To 500, Deduct	-7.72	
	For>500, Deduct	-10.89	
06 05 23 00-0168	EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	52.44	
	For>10 To 50, Deduct	-0.89	
	For>50 To 100, Deduct	-2.65	
	For>100 To 250, Deduct	-5.30	
	For>250 To 500, Deduct	-8.84	
	For>500, Deduct	-12.38	
06 05 23 00-0169	EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	57.24	
	For>10 To 50, Deduct	-0.95	
	For>50 To 100, Deduct	-2.86	
	For>100 To 250, Deduct	-5.72	
	For>250 To 500, Deduct	-9.53	
	For>500, Deduct	-13.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0170 EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	61.76	
<i>For &gt;10 To 50, Deduct</i>	-1.01	
<i>For &gt;50 To 100, Deduct</i>	-3.06	
<i>For &gt;100 To 250, Deduct</i>	-6.12	
<i>For &gt;250 To 500, Deduct</i>	-10.19	
<i>For &gt;500, Deduct</i>	-14.26	
06 05 23 00-0171 Hex Lag Bolts <small>(06 05 23 00-0093)</small>		
Note: Includes drilling of holes in any material		
06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0173 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt .....	15.14	
<i>For &gt;10 To 50, Deduct</i>	-0.74	
<i>For &gt;50 To 100, Deduct</i>	-1.49	
<i>For &gt;100 To 250, Deduct</i>	-2.99	
<i>For &gt;250 To 500, Deduct</i>	-5.22	
<i>For &gt;500, Deduct</i>	-7.46	
06 05 23 00-0174 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt .....	15.31	
<i>For &gt;10 To 50, Deduct</i>	-0.74	
<i>For &gt;50 To 100, Deduct</i>	-1.50	
<i>For &gt;100 To 250, Deduct</i>	-3.00	
<i>For &gt;250 To 500, Deduct</i>	-5.24	
<i>For &gt;500, Deduct</i>	-7.48	
06 05 23 00-0175 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt .....	15.65	
<i>For &gt;10 To 50, Deduct</i>	-0.74	
<i>For &gt;50 To 100, Deduct</i>	-1.51	
<i>For &gt;100 To 250, Deduct</i>	-3.01	
<i>For &gt;250 To 500, Deduct</i>	-5.26	
<i>For &gt;500, Deduct</i>	-7.51	
06 05 23 00-0176 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt .....	16.71	
<i>For &gt;10 To 50, Deduct</i>	-0.81	
<i>For &gt;50 To 100, Deduct</i>	-1.63	
<i>For &gt;100 To 250, Deduct</i>	-3.27	
<i>For &gt;250 To 500, Deduct</i>	-5.71	
<i>For &gt;500, Deduct</i>	-8.15	
06 05 23 00-0177 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt .....	18.20	
<i>For &gt;10 To 50, Deduct</i>	-0.87	
<i>For &gt;50 To 100, Deduct</i>	-1.76	
<i>For &gt;100 To 250, Deduct</i>	-3.51	
<i>For &gt;250 To 500, Deduct</i>	-6.14	
<i>For &gt;500, Deduct</i>	-8.76	
06 05 23 00-0178 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt .....	18.58	
<i>For &gt;10 To 50, Deduct</i>	-0.87	
<i>For &gt;50 To 100, Deduct</i>	-1.77	
<i>For &gt;100 To 250, Deduct</i>	-3.53	
<i>For &gt;250 To 500, Deduct</i>	-6.17	
<i>For &gt;500, Deduct</i>	-8.80	
06 05 23 00-0179 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt .....	22.82	
<i>For &gt;10 To 50, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-2.13	
<i>For &gt;100 To 250, Deduct</i>	-4.27	
<i>For &gt;250 To 500, Deduct</i>	-7.44	
<i>For &gt;500, Deduct</i>	-10.61	
06 05 23 00-0180 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	24.19	
<i>For &gt;10 To 50, Deduct</i>	-1.10	
<i>For &gt;50 To 100, Deduct</i>	-2.25	
<i>For &gt;100 To 250, Deduct</i>	-4.51	
<i>For &gt;250 To 500, Deduct</i>	-7.86	
<i>For &gt;500, Deduct</i>	-11.21	
06 05 23 00-0181 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt .....	18.58	
<i>For &gt;10 To 50, Deduct</i>	-0.87	
<i>For &gt;50 To 100, Deduct</i>	-1.78	
<i>For &gt;100 To 250, Deduct</i>	-3.55	
<i>For &gt;250 To 500, Deduct</i>	-6.20	
<i>For &gt;500, Deduct</i>	-8.85	
06 05 23 00-0182 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt .....	20.28	
<i>For &gt;10 To 50, Deduct</i>	-0.93	
<i>For &gt;50 To 100, Deduct</i>	-1.91	
<i>For &gt;100 To 250, Deduct</i>	-3.81	
<i>For &gt;250 To 500, Deduct</i>	-6.65	
<i>For &gt;500, Deduct</i>	-9.49	
06 05 23 00-0183 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt .....	22.16	
<i>For &gt;10 To 50, Deduct</i>	-0.99	
<i>For &gt;50 To 100, Deduct</i>	-2.04	
<i>For &gt;100 To 250, Deduct</i>	-4.08	
<i>For &gt;250 To 500, Deduct</i>	-7.11	
<i>For &gt;500, Deduct</i>	-10.14	
06 05 23 00-0184 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt .....	25.29	
<i>For &gt;10 To 50, Deduct</i>	-1.11	
<i>For &gt;50 To 100, Deduct</i>	-2.29	
<i>For &gt;100 To 250, Deduct</i>	-4.59	
<i>For &gt;250 To 500, Deduct</i>	-7.99	
<i>For &gt;500, Deduct</i>	-11.39	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0185	EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	29.88	
	<i>For &gt;10 To 50, Deduct</i>	-1.28	
	<i>For &gt;50 To 100, Deduct</i>	-2.67	
	<i>For &gt;100 To 250, Deduct</i>	-5.34	
	<i>For &gt;250 To 500, Deduct</i>	-9.29	
	<i>For &gt;500, Deduct</i>	-13.25	
06 05 23 00-0186	EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	32.60	
	<i>For &gt;10 To 50, Deduct</i>	-1.40	
	<i>For &gt;50 To 100, Deduct</i>	-2.91	
	<i>For &gt;100 To 250, Deduct</i>	-5.83	
	<i>For &gt;250 To 500, Deduct</i>	-10.14	
	<i>For &gt;500, Deduct</i>	-14.45	
06 05 23 00-0187	EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	27.58	
	<i>For &gt;10 To 50, Deduct</i>	-1.11	
	<i>For &gt;50 To 100, Deduct</i>	-2.35	
	<i>For &gt;100 To 250, Deduct</i>	-4.70	
	<i>For &gt;250 To 500, Deduct</i>	-8.16	
	<i>For &gt;500, Deduct</i>	-11.62	
06 05 23 00-0188	EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	33.05	
	<i>For &gt;10 To 50, Deduct</i>	-1.28	
	<i>For &gt;50 To 100, Deduct</i>	-2.75	
	<i>For &gt;100 To 250, Deduct</i>	-5.50	
	<i>For &gt;250 To 500, Deduct</i>	-9.53	
	<i>For &gt;500, Deduct</i>	-13.57	
06 05 23 00-0189	EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	36.82	
	<i>For &gt;10 To 50, Deduct</i>	-1.34	
	<i>For &gt;50 To 100, Deduct</i>	-2.93	
	<i>For &gt;100 To 250, Deduct</i>	-5.86	
	<i>For &gt;250 To 500, Deduct</i>	-10.13	
	<i>For &gt;500, Deduct</i>	-14.41	
06 05 23 00-0190	EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	41.54	
	<i>For &gt;10 To 50, Deduct</i>	-1.46	
	<i>For &gt;50 To 100, Deduct</i>	-3.22	
	<i>For &gt;100 To 250, Deduct</i>	-6.45	
	<i>For &gt;250 To 500, Deduct</i>	-11.13	
	<i>For &gt;500, Deduct</i>	-15.81	
06 05 23 00-0191	EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	46.90	
	<i>For &gt;10 To 50, Deduct</i>	-1.52	
	<i>For &gt;50 To 100, Deduct</i>	-3.45	
	<i>For &gt;100 To 250, Deduct</i>	-6.89	
	<i>For &gt;250 To 500, Deduct</i>	-11.85	
	<i>For &gt;500, Deduct</i>	-16.81	
<b>06 05 23 00-0192</b>	<b>Hot Dipped Galvanized Steel, Hex Lag Bolts</b> <small>(06 05 23 00-0171)</small>		
06 05 23 00-0193	EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.22	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.50	
	<i>For &gt;100 To 250, Deduct</i>	-2.99	
	<i>For &gt;250 To 500, Deduct</i>	-5.23	
	<i>For &gt;500, Deduct</i>	-7.47	
06 05 23 00-0194	EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.48	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.50	
	<i>For &gt;100 To 250, Deduct</i>	-3.00	
	<i>For &gt;250 To 500, Deduct</i>	-5.25	
	<i>For &gt;500, Deduct</i>	-7.50	
06 05 23 00-0195	EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.75	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.51	
	<i>For &gt;100 To 250, Deduct</i>	-3.02	
	<i>For &gt;250 To 500, Deduct</i>	-5.27	
	<i>For &gt;500, Deduct</i>	-7.52	
06 05 23 00-0196	EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.86	
	<i>For &gt;10 To 50, Deduct</i>	-0.81	
	<i>For &gt;50 To 100, Deduct</i>	-1.64	
	<i>For &gt;100 To 250, Deduct</i>	-3.27	
	<i>For &gt;250 To 500, Deduct</i>	-5.72	
	<i>For &gt;500, Deduct</i>	-8.17	
06 05 23 00-0197	EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.43	
	<i>For &gt;10 To 50, Deduct</i>	-0.87	
	<i>For &gt;50 To 100, Deduct</i>	-1.76	
	<i>For &gt;100 To 250, Deduct</i>	-3.53	
	<i>For &gt;250 To 500, Deduct</i>	-6.16	
	<i>For &gt;500, Deduct</i>	-8.79	
06 05 23 00-0198	EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.85	
	<i>For &gt;10 To 50, Deduct</i>	-0.87	
	<i>For &gt;50 To 100, Deduct</i>	-1.77	
	<i>For &gt;100 To 250, Deduct</i>	-3.55	
	<i>For &gt;250 To 500, Deduct</i>	-6.19	
	<i>For &gt;500, Deduct</i>	-8.83	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0199 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	23.33	
<i>For &gt;10 To 50, Deduct</i>	-1.04	
<i>For &gt;50 To 100, Deduct</i>	-2.15	
<i>For &gt;100 To 250, Deduct</i>	-4.29	
<i>For &gt;250 To 500, Deduct</i>	-7.48	
<i>For &gt;500, Deduct</i>	-10.67	
06 05 23 00-0200 EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	25.05	
<i>For &gt;10 To 50, Deduct</i>	-1.10	
<i>For &gt;50 To 100, Deduct</i>	-2.27	
<i>For &gt;100 To 250, Deduct</i>	-4.55	
<i>For &gt;250 To 500, Deduct</i>	-7.92	
<i>For &gt;500, Deduct</i>	-11.30	
06 05 23 00-0201 EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.96	
<i>For &gt;10 To 50, Deduct</i>	-0.87	
<i>For &gt;50 To 100, Deduct</i>	-1.79	
<i>For &gt;100 To 250, Deduct</i>	-3.57	
<i>For &gt;250 To 500, Deduct</i>	-6.23	
<i>For &gt;500, Deduct</i>	-8.89	
06 05 23 00-0202 EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	20.50	
<i>For &gt;10 To 50, Deduct</i>	-0.93	
<i>For &gt;50 To 100, Deduct</i>	-1.91	
<i>For &gt;100 To 250, Deduct</i>	-3.82	
<i>For &gt;250 To 500, Deduct</i>	-6.67	
<i>For &gt;500, Deduct</i>	-9.51	
06 05 23 00-0203 EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	22.54	
<i>For &gt;10 To 50, Deduct</i>	-0.99	
<i>For &gt;50 To 100, Deduct</i>	-2.05	
<i>For &gt;100 To 250, Deduct</i>	-4.10	
<i>For &gt;250 To 500, Deduct</i>	-7.14	
<i>For &gt;500, Deduct</i>	-10.18	
06 05 23 00-0204 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	26.45	
<i>For &gt;10 To 50, Deduct</i>	-1.11	
<i>For &gt;50 To 100, Deduct</i>	-2.32	
<i>For &gt;100 To 250, Deduct</i>	-4.65	
<i>For &gt;250 To 500, Deduct</i>	-8.08	
<i>For &gt;500, Deduct</i>	-11.51	
06 05 23 00-0205 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	30.44	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-2.68	
<i>For &gt;100 To 250, Deduct</i>	-5.37	
<i>For &gt;250 To 500, Deduct</i>	-9.34	
<i>For &gt;500, Deduct</i>	-13.30	
06 05 23 00-0206 EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	33.99	
<i>For &gt;10 To 50, Deduct</i>	-1.40	
<i>For &gt;50 To 100, Deduct</i>	-2.95	
<i>For &gt;100 To 250, Deduct</i>	-5.90	
<i>For &gt;250 To 500, Deduct</i>	-10.24	
<i>For &gt;500, Deduct</i>	-14.59	
06 05 23 00-0207 EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.44	
<i>For &gt;10 To 50, Deduct</i>	-1.11	
<i>For &gt;50 To 100, Deduct</i>	-2.37	
<i>For &gt;100 To 250, Deduct</i>	-4.74	
<i>For &gt;250 To 500, Deduct</i>	-8.22	
<i>For &gt;500, Deduct</i>	-11.70	
06 05 23 00-0208 EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	33.83	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-2.77	
<i>For &gt;100 To 250, Deduct</i>	-5.54	
<i>For &gt;250 To 500, Deduct</i>	-9.59	
<i>For &gt;500, Deduct</i>	-13.64	
06 05 23 00-0209 EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	38.12	
<i>For &gt;10 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-2.96	
<i>For &gt;100 To 250, Deduct</i>	-5.93	
<i>For &gt;250 To 500, Deduct</i>	-10.23	
<i>For &gt;500, Deduct</i>	-14.54	
06 05 23 00-0210 EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	44.61	
<i>For &gt;10 To 50, Deduct</i>	-1.46	
<i>For &gt;50 To 100, Deduct</i>	-3.30	
<i>For &gt;100 To 250, Deduct</i>	-6.60	
<i>For &gt;250 To 500, Deduct</i>	-11.36	
<i>For &gt;500, Deduct</i>	-16.12	
06 05 23 00-0211 EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	50.18	
<i>For &gt;10 To 50, Deduct</i>	-1.52	
<i>For &gt;50 To 100, Deduct</i>	-3.53	
<i>For &gt;100 To 250, Deduct</i>	-7.06	
<i>For &gt;250 To 500, Deduct</i>	-12.10	
<i>For &gt;500, Deduct</i>	-17.14	

06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts (06 05 23 00-0171)

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0213	EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	16.07	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.52	
	<i>For &gt;100 To 250, Deduct</i>	-3.03	
	<i>For &gt;250 To 500, Deduct</i>	-5.29	
	<i>For &gt;500, Deduct</i>	-7.56	
06 05 23 00-0214	EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	16.97	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.54	
	<i>For &gt;100 To 250, Deduct</i>	-3.08	
	<i>For &gt;250 To 500, Deduct</i>	-5.36	
	<i>For &gt;500, Deduct</i>	-7.65	
06 05 23 00-0215	EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.40	
	<i>For &gt;10 To 50, Deduct</i>	-0.74	
	<i>For &gt;50 To 100, Deduct</i>	-1.60	
	<i>For &gt;100 To 250, Deduct</i>	-3.20	
	<i>For &gt;250 To 500, Deduct</i>	-5.54	
	<i>For &gt;500, Deduct</i>	-7.89	
06 05 23 00-0216	EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.27	
	<i>For &gt;10 To 50, Deduct</i>	-0.81	
	<i>For &gt;50 To 100, Deduct</i>	-1.70	
	<i>For &gt;100 To 250, Deduct</i>	-3.39	
	<i>For &gt;250 To 500, Deduct</i>	-5.90	
	<i>For &gt;500, Deduct</i>	-8.41	
06 05 23 00-0217	EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	21.78	
	<i>For &gt;10 To 50, Deduct</i>	-0.87	
	<i>For &gt;50 To 100, Deduct</i>	-1.85	
	<i>For &gt;100 To 250, Deduct</i>	-3.69	
	<i>For &gt;250 To 500, Deduct</i>	-6.41	
	<i>For &gt;500, Deduct</i>	-9.12	
06 05 23 00-0218	EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.33	
	<i>For &gt;10 To 50, Deduct</i>	-0.87	
	<i>For &gt;50 To 100, Deduct</i>	-1.89	
	<i>For &gt;100 To 250, Deduct</i>	-3.77	
	<i>For &gt;250 To 500, Deduct</i>	-6.52	
	<i>For &gt;500, Deduct</i>	-9.28	
06 05 23 00-0219	EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	48.44	
	<i>For &gt;10 To 50, Deduct</i>	-1.04	
	<i>For &gt;50 To 100, Deduct</i>	-2.77	
	<i>For &gt;100 To 250, Deduct</i>	-5.55	
	<i>For &gt;250 To 500, Deduct</i>	-9.36	
	<i>For &gt;500, Deduct</i>	-13.18	
06 05 23 00-0220	EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	68.52	
	<i>For &gt;10 To 50, Deduct</i>	-1.10	
	<i>For &gt;50 To 100, Deduct</i>	-3.36	
	<i>For &gt;100 To 250, Deduct</i>	-6.72	
	<i>For &gt;250 To 500, Deduct</i>	-11.18	
	<i>For &gt;500, Deduct</i>	-15.64	
06 05 23 00-0221	EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.51	
	<i>For &gt;10 To 50, Deduct</i>	-0.87	
	<i>For &gt;50 To 100, Deduct</i>	-1.90	
	<i>For &gt;100 To 250, Deduct</i>	-3.80	
	<i>For &gt;250 To 500, Deduct</i>	-6.57	
	<i>For &gt;500, Deduct</i>	-9.35	
06 05 23 00-0222	EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	27.92	
	<i>For &gt;10 To 50, Deduct</i>	-0.93	
	<i>For &gt;50 To 100, Deduct</i>	-2.10	
	<i>For &gt;100 To 250, Deduct</i>	-4.19	
	<i>For &gt;250 To 500, Deduct</i>	-7.22	
	<i>For &gt;500, Deduct</i>	-10.25	
06 05 23 00-0223	EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	34.69	
	<i>For &gt;10 To 50, Deduct</i>	-0.99	
	<i>For &gt;50 To 100, Deduct</i>	-2.35	
	<i>For &gt;100 To 250, Deduct</i>	-4.71	
	<i>For &gt;250 To 500, Deduct</i>	-8.05	
	<i>For &gt;500, Deduct</i>	-11.40	
06 05 23 00-0224	EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	73.08	
	<i>For &gt;10 To 50, Deduct</i>	-1.11	
	<i>For &gt;50 To 100, Deduct</i>	-3.49	
	<i>For &gt;100 To 250, Deduct</i>	-6.98	
	<i>For &gt;250 To 500, Deduct</i>	-11.57	
	<i>For &gt;500, Deduct</i>	-16.17	
06 05 23 00-0225	EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	99.76	
	<i>For &gt;10 To 50, Deduct</i>	-1.28	
	<i>For &gt;50 To 100, Deduct</i>	-4.42	
	<i>For &gt;100 To 250, Deduct</i>	-8.84	
	<i>For &gt;250 To 500, Deduct</i>	-14.54	
	<i>For &gt;500, Deduct</i>	-20.24	
06 05 23 00-0226	EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	116.66	
	<i>For &gt;10 To 50, Deduct</i>	-1.40	
	<i>For &gt;50 To 100, Deduct</i>	-5.02	
	<i>For &gt;100 To 250, Deduct</i>	-10.03	
	<i>For &gt;250 To 500, Deduct</i>	-16.44	
	<i>For &gt;500, Deduct</i>	-22.86	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0227 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	108.47	
<i>For &gt;10 To 50, Deduct</i>	-1.11	
<i>For &gt;50 To 100, Deduct</i>	-4.37	
<i>For &gt;100 To 250, Deduct</i>	-8.75	
<i>For &gt;250 To 500, Deduct</i>	-14.23	
<i>For &gt;500, Deduct</i>	-19.71	
06 05 23 00-0228 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	123.97	
<i>For &gt;10 To 50, Deduct</i>	-1.28	
<i>For &gt;50 To 100, Deduct</i>	-5.02	
<i>For &gt;100 To 250, Deduct</i>	-10.05	
<i>For &gt;250 To 500, Deduct</i>	-16.35	
<i>For &gt;500, Deduct</i>	-22.66	
06 05 23 00-0229 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	128.99	
<i>For &gt;10 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-5.24	
<i>For &gt;100 To 250, Deduct</i>	-10.47	
<i>For &gt;250 To 500, Deduct</i>	-17.05	
<i>For &gt;500, Deduct</i>	-23.62	
06 05 23 00-0230 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	179.24	
<i>For &gt;10 To 50, Deduct</i>	-1.46	
<i>For &gt;50 To 100, Deduct</i>	-6.67	
<i>For &gt;100 To 250, Deduct</i>	-13.33	
<i>For &gt;250 To 500, Deduct</i>	-21.46	
<i>For &gt;500, Deduct</i>	-29.58	
06 05 23 00-0231 EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	195.68	
<i>For &gt;10 To 50, Deduct</i>	-1.52	
<i>For &gt;50 To 100, Deduct</i>	-7.17	
<i>For &gt;100 To 250, Deduct</i>	-14.33	
<i>For &gt;250 To 500, Deduct</i>	-23.01	
<i>For &gt;500, Deduct</i>	-31.69	
<b>06 05 23 00-0232 Stainless Steel Screws</b> <small>(06 05 23 00-0093)</small>		
06 05 23 00-0233 EA #8 x 1-1/2" Stainless Steel Screw.....	2.33	
06 05 23 00-0234 EA #9 x 1-1/2" Stainless Steel Screw.....	2.38	
06 05 23 00-0235 EA #10 x 1-1/2" Stainless Steel Screw.....	2.44	
06 05 23 00-0236 EA #12 x 1-1/2" Stainless Steel Screw.....	2.62	
<b>06 05 23 00-0237 Galvanized Steel Screws</b> <small>(06 05 23 00-0093)</small>		
06 05 23 00-0238 EA #8 x 1-1/2" Galvanized Steel Screw.....	2.16	
06 05 23 00-0239 EA #9 x 1-1/2" Galvanized Steel Screw.....	2.21	
06 05 23 00-0240 EA #10 x 1-1/2" Galvanized Steel Screw.....	2.26	
06 05 23 00-0241 EA #12 x 1-1/2" Galvanized Steel Screw.....	2.41	
06 05 23 00-0242 EA #8 x 2-1/2" Galvanized Steel Screw.....	2.20	
06 05 23 00-0243 EA #9 x 2-1/2" Galvanized Steel Screw.....	2.24	
06 05 23 00-0244 EA #10 x 2-1/2" Galvanized Steel Screw.....	2.30	
06 05 23 00-0245 EA #12 x 2-1/2" Galvanized Steel Screw.....	2.49	
<b>06 05 23 00-0246 Timber Bolts</b> <small>(06 05 23 00-0093)</small>		
Note: Includes drilling of holes in any material.		
06 05 23 00-0247 EA 5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914).....	40.84	
<i>For &gt;10 To 50, Deduct</i>	-1.23	
<i>For &gt;50 To 100, Deduct</i>	-2.87	
<i>For &gt;100 To 250, Deduct</i>	-5.74	
<i>For &gt;250 To 500, Deduct</i>	-9.84	
<i>For &gt;500, Deduct</i>	-13.94	
06 05 23 00-0248 EA 5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915).....	46.21	
<i>For &gt;10 To 50, Deduct</i>	-1.38	
<i>For &gt;50 To 100, Deduct</i>	-3.22	
<i>For &gt;100 To 250, Deduct</i>	-6.45	
<i>For &gt;250 To 500, Deduct</i>	-11.05	
<i>For &gt;500, Deduct</i>	-15.65	
06 05 23 00-0249 EA 5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916).....	50.02	
<i>For &gt;10 To 50, Deduct</i>	-1.47	
<i>For &gt;50 To 100, Deduct</i>	-3.45	
<i>For &gt;100 To 250, Deduct</i>	-6.91	
<i>For &gt;250 To 500, Deduct</i>	-11.83	
<i>For &gt;500, Deduct</i>	-16.75	
06 05 23 00-0250 EA 5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917).....	56.18	
<i>For &gt;10 To 50, Deduct</i>	-1.55	
<i>For &gt;50 To 100, Deduct</i>	-3.73	
<i>For &gt;100 To 250, Deduct</i>	-7.47	
<i>For &gt;250 To 500, Deduct</i>	-12.75	
<i>For &gt;500, Deduct</i>	-18.04	
06 05 23 00-0251 EA 5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918).....	59.87	
<i>For &gt;10 To 50, Deduct</i>	-1.64	
<i>For &gt;50 To 100, Deduct</i>	-3.95	
<i>For &gt;100 To 250, Deduct</i>	-7.90	
<i>For &gt;250 To 500, Deduct</i>	-13.49	
<i>For &gt;500, Deduct</i>	-19.08	



**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0252	EA 5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919) .....	62.12	
	For>10 To 50, Deduct	-1.71	
	For>50 To 100, Deduct	-4.12	
	For>100 To 250, Deduct	-8.23	
	For>250 To 500, Deduct	-14.05	
	For>500, Deduct	-19.88	
06 05 23 00-0253	EA 3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920) .....	56.04	
	For>10 To 50, Deduct	-1.47	
	For>50 To 100, Deduct	-3.60	
	For>100 To 250, Deduct	-7.21	
	For>250 To 500, Deduct	-12.28	
	For>500, Deduct	-17.35	
06 05 23 00-0254	EA 3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921) .....	58.67	
	For>10 To 50, Deduct	-1.53	
	For>50 To 100, Deduct	-3.76	
	For>100 To 250, Deduct	-7.52	
	For>250 To 500, Deduct	-12.80	
	For>500, Deduct	-18.09	
06 05 23 00-0255	EA 3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922) .....	65.36	
	For>10 To 50, Deduct	-1.62	
	For>50 To 100, Deduct	-4.06	
	For>100 To 250, Deduct	-8.12	
	For>250 To 500, Deduct	-13.80	
	For>500, Deduct	-19.48	
06 05 23 00-0256	EA 3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923) .....	70.36	
	For>10 To 50, Deduct	-1.70	
	For>50 To 100, Deduct	-4.31	
	For>100 To 250, Deduct	-8.62	
	For>250 To 500, Deduct	-14.64	
	For>500, Deduct	-20.65	
06 05 23 00-0257	EA 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924) .....	75.83	
	For>10 To 50, Deduct	-1.79	
	For>50 To 100, Deduct	-4.57	
	For>100 To 250, Deduct	-9.15	
	For>250 To 500, Deduct	-15.51	
	For>500, Deduct	-21.87	
06 05 23 00-0258	<b>Supports</b> (06 05 23)		
06 05 23 00-0259	<b>Shear Plates</b> (06 05 23 00-0258)		
06 05 23 00-0260	EA 2-5/8" Diameter, Shear Plate .....	16.59	4.40
	For>10 To 50, Deduct	-0.50	
	For>50 To 100, Deduct	-1.16	
	For>100 To 250, Deduct	-2.32	
	For>250 To 500, Deduct	-3.97	
	For>500, Deduct	-5.62	
06 05 23 00-0261	EA 4" Diameter, Shear Plate .....	15.94	4.64
	For>10 To 50, Deduct	-0.52	
	For>50 To 100, Deduct	-1.17	
	For>100 To 250, Deduct	-2.35	
	For>250 To 500, Deduct	-4.04	
	For>500, Deduct	-5.73	
06 05 23 00-0262	<b>Sill Anchors</b> (06 05 23 00-0258)		
06 05 23 00-0263	EA Sill Anchor Embedded In Concrete .....	14.13	4.64
	For>10 To 50, Deduct	-0.52	
	For>50 To 100, Deduct	-1.13	
	For>100 To 250, Deduct	-2.26	
	For>250 To 500, Deduct	-3.90	
	For>500, Deduct	-5.55	
06 05 23 00-0264	<b>Spike Grids</b> (06 05 23 00-0258)		
06 05 23 00-0265	EA 3" x 6" Flat Or Curved Spike Grid .....	12.57	4.40
	For>10 To 50, Deduct	-0.50	
	For>50 To 100, Deduct	-1.06	
	For>100 To 250, Deduct	-2.12	
	For>250 To 500, Deduct	-3.67	
	For>500, Deduct	-5.22	
06 05 23 00-0266	<b>Split Rings</b> (06 05 23 00-0258)		
06 05 23 00-0267	EA 2-1/2" Diameter Split Ring .....	16.81	4.40
	For>10 To 50, Deduct	-0.50	
	For>50 To 100, Deduct	-1.16	
	For>100 To 250, Deduct	-2.33	
	For>250 To 500, Deduct	-3.99	
	For>500, Deduct	-5.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0268 EA 4" Diameter Split Ring.....	18.09	4.88
<i>For &gt;10 To 50, Deduct</i>	-0.54	
<i>For &gt;50 To 100, Deduct</i>	-1.26	
<i>For &gt;100 To 250, Deduct</i>	-2.53	
<i>For &gt;250 To 500, Deduct</i>	-4.33	
<i>For &gt;500, Deduct</i>	-6.14	
<b>06 05 23 00-0269 Toothed Rings</b> (06 05 23 00-0258)		
06 05 23 00-0270 EA 2-5/8" Or 4" Toothed Ring.....	13.36	4.40
<i>For &gt;10 To 50, Deduct</i>	-0.50	
<i>For &gt;50 To 100, Deduct</i>	-1.08	
<i>For &gt;100 To 250, Deduct</i>	-2.15	
<i>For &gt;250 To 500, Deduct</i>	-3.73	
<i>For &gt;500, Deduct</i>	-5.30	
<b>06 05 23 00-0271 Straps And Shields</b> (06 05 23)		
<b>06 05 23 00-0272 Shield Plate</b> (06 05 23 00-0271)		
06 05 23 00-0273 EA 5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z).....	8.87	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.59	
<i>For &gt;250 To 500, Deduct</i>	-1.04	
<i>For &gt;500, Deduct</i>	-1.57	
06 05 23 00-0274 EA 5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z).....	14.07	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.44	
<i>For &gt;100 To 250, Deduct</i>	-0.88	
<i>For &gt;250 To 500, Deduct</i>	-1.50	
<i>For &gt;500, Deduct</i>	-2.23	
<b>06 05 23 00-0275 Strap Ties</b> (06 05 23 00-0271)		
06 05 23 00-0276 EA 1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9).....	3.45	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.15	
<i>For &gt;100 To 250, Deduct</i>	-0.29	
<i>For &gt;250 To 500, Deduct</i>	-0.56	
<i>For &gt;500, Deduct</i>	-0.89	
06 05 23 00-0277 EA 1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12).....	3.54	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.15	
<i>For &gt;100 To 250, Deduct</i>	-0.30	
<i>For &gt;250 To 500, Deduct</i>	-0.56	
<i>For &gt;500, Deduct</i>	-0.90	
06 05 23 00-0278 EA 1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15).....	4.53	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.38	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500, Deduct</i>	-1.14	
06 05 23 00-0279 EA 1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18).....	4.70	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.38	
<i>For &gt;250 To 500, Deduct</i>	-0.73	
<i>For &gt;500, Deduct</i>	-1.16	
06 05 23 00-0280 EA 1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21).....	4.88	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.39	
<i>For &gt;250 To 500, Deduct</i>	-0.74	
<i>For &gt;500, Deduct</i>	-1.17	
06 05 23 00-0281 EA 1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24).....	5.61	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.46	
<i>For &gt;250 To 500, Deduct</i>	-0.87	
<i>For &gt;500, Deduct</i>	-1.38	
06 05 23 00-0282 EA 1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30).....	7.24	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.27	
<i>For &gt;100 To 250, Deduct</i>	-0.54	
<i>For &gt;250 To 500, Deduct</i>	-0.99	
<i>For &gt;500, Deduct</i>	-1.55	
06 05 23 00-0283 EA 1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36).....	8.40	
<i>For &gt;10 To 50, Deduct</i>	-0.10	
<i>For &gt;50 To 100, Deduct</i>	-0.31	
<i>For &gt;100 To 250, Deduct</i>	-0.63	
<i>For &gt;250 To 500, Deduct</i>	-1.15	
<i>For &gt;500, Deduct</i>	-1.80	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0284	EA		1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA9).....	3.82	
			<i>For &gt;10 To 50, Deduct</i>	-0.06	
			<i>For &gt;50 To 100, Deduct</i>	-0.15	
			<i>For &gt;100 To 250, Deduct</i>	-0.31	
			<i>For &gt;250 To 500, Deduct</i>	-0.58	
			<i>For &gt;500, Deduct</i>	-0.93	
06 05 23 00-0285	EA		1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA12).....	3.95	
			<i>For &gt;10 To 50, Deduct</i>	-0.06	
			<i>For &gt;50 To 100, Deduct</i>	-0.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.59	
			<i>For &gt;500, Deduct</i>	-0.94	
06 05 23 00-0286	EA		1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA15).....	5.04	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.40	
			<i>For &gt;250 To 500, Deduct</i>	-0.75	
			<i>For &gt;500, Deduct</i>	-1.19	
06 05 23 00-0287	EA		1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA18).....	5.26	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.41	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-1.21	
06 05 23 00-0288	EA		1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA21).....	5.36	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.42	
			<i>For &gt;250 To 500, Deduct</i>	-0.77	
			<i>For &gt;500, Deduct</i>	-1.22	
06 05 23 00-0289	EA		1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA24).....	6.12	
			<i>For &gt;10 To 50, Deduct</i>	-0.09	
			<i>For &gt;50 To 100, Deduct</i>	-0.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.48	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.43	
06 05 23 00-0290	EA		1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30).....	7.58	
			<i>For &gt;10 To 50, Deduct</i>	-0.09	
			<i>For &gt;50 To 100, Deduct</i>	-0.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.56	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.58	
06 05 23 00-0291	EA		1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36).....	8.41	
			<i>For &gt;10 To 50, Deduct</i>	-0.10	
			<i>For &gt;50 To 100, Deduct</i>	-0.31	
			<i>For &gt;100 To 250, Deduct</i>	-0.63	
			<i>For &gt;250 To 500, Deduct</i>	-1.15	
			<i>For &gt;500, Deduct</i>	-1.80	
06 05 23 00-0292	EA		1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49).....	13.21	
			<i>For &gt;10 To 50, Deduct</i>	-0.12	
			<i>For &gt;50 To 100, Deduct</i>	-0.45	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.59	
			<i>For &gt;500, Deduct</i>	-2.42	
06 05 23 00-0293	EA		1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9).....	4.50	
			<i>For &gt;10 To 50, Deduct</i>	-0.06	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.34	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500, Deduct</i>	-1.00	
06 05 23 00-0294	EA		1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12).....	4.51	
			<i>For &gt;10 To 50, Deduct</i>	-0.06	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.34	
			<i>For &gt;250 To 500, Deduct</i>	-0.63	
			<i>For &gt;500, Deduct</i>	-1.00	
06 05 23 00-0295	EA		1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18).....	5.50	
			<i>For &gt;10 To 50, Deduct</i>	-0.07	
			<i>For &gt;50 To 100, Deduct</i>	-0.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.42	
			<i>For &gt;250 To 500, Deduct</i>	-0.79	
			<i>For &gt;500, Deduct</i>	-1.24	
06 05 23 00-0296	EA		1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22).....	7.58	
			<i>For &gt;10 To 50, Deduct</i>	-0.09	
			<i>For &gt;50 To 100, Deduct</i>	-0.28	
			<i>For &gt;100 To 250, Deduct</i>	-0.56	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.58	
06 05 23 00-0297	EA		1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6).....	6.45	
			<i>For &gt;10 To 50, Deduct</i>	-0.06	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.78	
			<i>For &gt;500, Deduct</i>	-1.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0298 EA 1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8).....	7.10	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.24	
<i>For &gt;100 To 250, Deduct</i>	-0.47	
<i>For &gt;250 To 500, Deduct</i>	-0.83	
<i>For &gt;500, Deduct</i>	-1.26	
06 05 23 00-0299 EA 1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12).....	9.32	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.31	
<i>For &gt;100 To 250, Deduct</i>	-0.62	
<i>For &gt;250 To 500, Deduct</i>	-1.07	
<i>For &gt;500, Deduct</i>	-1.62	
06 05 23 00-0300 EA 2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27).....	13.83	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.44	
<i>For &gt;100 To 250, Deduct</i>	-0.87	
<i>For &gt;250 To 500, Deduct</i>	-1.48	
<i>For &gt;500, Deduct</i>	-2.20	
06 05 23 00-0301 EA 2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37).....	17.23	
<i>For &gt;10 To 50, Deduct</i>	-0.10	
<i>For &gt;50 To 100, Deduct</i>	-0.54	
<i>For &gt;100 To 250, Deduct</i>	-1.07	
<i>For &gt;250 To 500, Deduct</i>	-1.81	
<i>For &gt;500, Deduct</i>	-2.68	
06 05 23 00-0302 EA 2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48).....	25.44	
<i>For &gt;10 To 50, Deduct</i>	-0.12	
<i>For &gt;50 To 100, Deduct</i>	-0.76	
<i>For &gt;100 To 250, Deduct</i>	-1.51	
<i>For &gt;250 To 500, Deduct</i>	-2.50	
<i>For &gt;500, Deduct</i>	-3.64	
06 05 23 00-0303 EA 2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60).....	44.19	
<i>For &gt;10 To 50, Deduct</i>	-0.13	
<i>For &gt;50 To 100, Deduct</i>	-1.24	
<i>For &gt;100 To 250, Deduct</i>	-2.48	
<i>For &gt;250 To 500, Deduct</i>	-3.98	
<i>For &gt;500, Deduct</i>	-5.65	
06 05 23 00-0304 EA 2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72).....	56.93	
<i>For &gt;10 To 50, Deduct</i>	-0.15	
<i>For &gt;50 To 100, Deduct</i>	-1.57	
<i>For &gt;100 To 250, Deduct</i>	-3.14	
<i>For &gt;250 To 500, Deduct</i>	-5.01	
<i>For &gt;500, Deduct</i>	-7.06	
06 05 23 00-0305 EA 3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....	16.47	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.50	
<i>For &gt;100 To 250, Deduct</i>	-1.00	
<i>For &gt;250 To 500, Deduct</i>	-1.68	
<i>For &gt;500, Deduct</i>	-2.47	
06 05 23 00-0306 EA 3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....	21.25	
<i>For &gt;10 To 50, Deduct</i>	-0.10	
<i>For &gt;50 To 100, Deduct</i>	-0.64	
<i>For &gt;100 To 250, Deduct</i>	-1.27	
<i>For &gt;250 To 500, Deduct</i>	-2.12	
<i>For &gt;500, Deduct</i>	-3.08	
06 05 23 00-0307 EA 3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....	24.81	
<i>For &gt;10 To 50, Deduct</i>	-0.12	
<i>For &gt;50 To 100, Deduct</i>	-0.74	
<i>For &gt;100 To 250, Deduct</i>	-1.48	
<i>For &gt;250 To 500, Deduct</i>	-2.46	
<i>For &gt;500, Deduct</i>	-3.58	
06 05 23 00-0308 EA 3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....	37.70	
<i>For &gt;10 To 50, Deduct</i>	-0.13	
<i>For &gt;50 To 100, Deduct</i>	-1.08	
<i>For &gt;100 To 250, Deduct</i>	-2.15	
<i>For &gt;250 To 500, Deduct</i>	-3.50	
<i>For &gt;500, Deduct</i>	-5.00	
<b>06 05 23 00-0309 Twist Strap Ties</b> <small>(06 05 23 00-0271)</small>		
06 05 23 00-0310 EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....	4.03	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;250 To 500, Deduct</i>	-0.60	
<i>For &gt;500, Deduct</i>	-0.95	
06 05 23 00-0311 EA 1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....	5.06	
<i>For &gt;10 To 50, Deduct</i>	-0.07	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.39	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500, Deduct</i>	-1.12	

**06 Wood, Plastics, and Composites****06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0312	EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....	5.84	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.22	
	For>100 To 250, Deduct	-0.44	
	For>250 To 500, Deduct	-0.81	
	For>500, Deduct	-1.27	
06 05 23 00-0313	EA 1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....	6.31	
	For>10 To 50, Deduct	-0.08	
	For>50 To 100, Deduct	-0.24	
	For>100 To 250, Deduct	-0.48	
	For>250 To 500, Deduct	-0.88	
	For>500, Deduct	-1.38	
06 05 23 00-0314	EA 1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....	3.98	
	For>10 To 50, Deduct	-0.06	
	For>50 To 100, Deduct	-0.16	
	For>100 To 250, Deduct	-0.32	
	For>250 To 500, Deduct	-0.59	
	For>500, Deduct	-0.94	
06 05 23 00-0315	EA 1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....	5.15	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.20	
	For>100 To 250, Deduct	-0.39	
	For>250 To 500, Deduct	-0.72	
	For>500, Deduct	-1.13	
06 05 23 00-0316	EA 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....	5.97	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.22	
	For>100 To 250, Deduct	-0.45	
	For>250 To 500, Deduct	-0.82	
	For>500, Deduct	-1.28	
06 05 23 00-0317	EA 1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....	6.36	
	For>10 To 50, Deduct	-0.08	
	For>50 To 100, Deduct	-0.24	
	For>100 To 250, Deduct	-0.48	
	For>250 To 500, Deduct	-0.89	
	For>500, Deduct	-1.39	
06 05 23 00-0318	EA 1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24).....	8.68	
	For>10 To 50, Deduct	-0.09	
	For>50 To 100, Deduct	-0.31	
	For>100 To 250, Deduct	-0.61	
	For>250 To 500, Deduct	-1.10	
	For>500, Deduct	-1.69	
06 05 23 00-0319	EA 1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16).....	6.63	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.23	
	For>100 To 250, Deduct	-0.47	
	For>250 To 500, Deduct	-0.83	
	For>500, Deduct	-1.28	
06 05 23 00-0320	EA 1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20).....	7.94	
	For>10 To 50, Deduct	-0.08	
	For>50 To 100, Deduct	-0.28	
	For>100 To 250, Deduct	-0.56	
	For>250 To 500, Deduct	-1.00	
	For>500, Deduct	-1.55	
06 05 23 00-0321	EA 1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24).....	9.22	
	For>10 To 50, Deduct	-0.09	
	For>50 To 100, Deduct	-0.32	
	For>100 To 250, Deduct	-0.64	
	For>250 To 500, Deduct	-1.14	
	For>500, Deduct	-1.74	
<b>06 05 23 00-0322</b>	<b>Retrofit Plate Strap</b> (06 05 23 00-0271)		
06 05 23 00-0323	EA 1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18).....	6.65	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.24	
	For>100 To 250, Deduct	-0.48	
	For>250 To 500, Deduct	-0.87	
	For>500, Deduct	-1.35	
06 05 23 00-0324	EA 1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22).....	7.60	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.26	
	For>100 To 250, Deduct	-0.53	
	For>250 To 500, Deduct	-0.94	
	For>500, Deduct	-1.45	
06 05 23 00-0325	EA 1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28).....	9.09	
	For>10 To 50, Deduct	-0.07	
	For>50 To 100, Deduct	-0.30	
	For>100 To 250, Deduct	-0.60	
	For>250 To 500, Deduct	-1.05	
	For>500, Deduct	-1.59	
<b>06 05 23 00-0326</b>	<b>Stud Shoe</b> (06 05 23 00-0271)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0327 EA 6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5).....	11.32	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.37	
<i>For &gt;100 To 250, Deduct</i>	-0.74	
<i>For &gt;250 To 500, Deduct</i>	-1.30	
<i>For &gt;500, Deduct</i>	-1.95	
06 05 23 00-0328 EA 6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5).....	22.34	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.65	
<i>For &gt;100 To 250, Deduct</i>	-1.30	
<i>For &gt;250 To 500, Deduct</i>	-2.12	
<i>For &gt;500, Deduct</i>	-3.06	
06 05 23 00-0329 EA 6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3).....	22.44	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.65	
<i>For &gt;100 To 250, Deduct</i>	-1.30	
<i>For &gt;250 To 500, Deduct</i>	-2.13	
<i>For &gt;500, Deduct</i>	-3.07	
06 05 23 00-0330 EA 6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5).....	30.10	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.84	
<i>For &gt;100 To 250, Deduct</i>	-1.68	
<i>For &gt;250 To 500, Deduct</i>	-2.70	
<i>For &gt;500, Deduct</i>	-3.83	
06 05 23 00-0331 EA 7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5).....	28.27	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.80	
<i>For &gt;100 To 250, Deduct</i>	-1.59	
<i>For &gt;250 To 500, Deduct</i>	-2.57	
<i>For &gt;500, Deduct</i>	-3.65	
06 05 23 00-0332 EA 7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3).....	30.64	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.86	
<i>For &gt;100 To 250, Deduct</i>	-1.71	
<i>For &gt;250 To 500, Deduct</i>	-2.74	
<i>For &gt;500, Deduct</i>	-3.89	
06 05 23 00-0333 EA 7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3).....	32.44	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-0.90	
<i>For &gt;100 To 250, Deduct</i>	-1.80	
<i>For &gt;250 To 500, Deduct</i>	-2.88	
<i>For &gt;500, Deduct</i>	-4.07	
06 05 23 00-0334 EA 7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3).....	49.05	
<i>For &gt;10 To 50, Deduct</i>	-0.09	
<i>For &gt;50 To 100, Deduct</i>	-1.32	
<i>For &gt;100 To 250, Deduct</i>	-2.63	
<i>For &gt;250 To 500, Deduct</i>	-4.13	
<i>For &gt;500, Deduct</i>	-5.73	
<b>06 05 23 00-0335 Nail Stops</b> <small>(06 05 23 00-0271)</small>		
06 05 23 00-0336 EA 1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1).....	3.17	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.28	
<i>For &gt;250 To 500, Deduct</i>	-0.53	
<i>For &gt;500, Deduct</i>	-0.86	
06 05 23 00-0337 EA 1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2).....	3.33	
<i>For &gt;10 To 50, Deduct</i>	-0.06	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.29	
<i>For &gt;250 To 500, Deduct</i>	-0.55	
<i>For &gt;500, Deduct</i>	-0.88	

## 06 10 Rough Carpentry (06)

### 06 11 Wood Framing (06 10)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.

#### 06 11 13 Engineered Wood Products (06 11)

Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.

##### 06 11 13 00-0001 Built-Up Members (06 11 13)

Note: A structural framing member made from fastening separate pieces of lumber together.

##### 06 11 13 00-0002 Built-Up Beams Or Joists (06 11 13 00-0001)

06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist.....	4.67	2.04
<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	0.78	
06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist.....	5.80	2.39
<i>For Each Additional 2" x_" In The Built Up Member, Add</i>	1.11	



**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 11 13 00-0005	LF	Two 2" x 10" Built-up Wood Beam Or Joist..... For Each Additional 2" x_" In The Built Up Member, Add	7.39 1.54	2.87
<b>06 11 13 00-0006</b>		<b>Built-Up Posts</b> (06 11 13 00-0001)		
06 11 13 00-0007	LF	Two 2" x 6" Built-up Wood Post..... For Each Additional 2" x_" In The Built Up Member, Add	4.67 0.78	2.04
06 11 13 00-0008	LF	Two 2" x 8" Built-up Wood Post..... For Each Additional 2" x_" In The Built Up Member, Add	5.80 1.11	2.39
06 11 13 00-0009	LF	Two 2" x 10" Built-up Wood Post..... For Each Additional 2" x_" In The Built Up Member, Add	7.39 1.54	2.87
<b>06 11 16</b>		<b>Mechanically Graded Lumber</b> (06 11)		
<b>06 11 16 00-0001</b>		<b>Rafters And Joists</b> (06 11 16)		
<b>06 11 16 00-0002</b>		<b>Rafters</b> (06 11 16 00-0001) Note: An inclined roof framing member to which a roof covering is attached.		
06 11 16 00-0003	LF	2" x 6" Wood Rafter .....	2.70	1.44
06 11 16 00-0004	LF	2" x 8" Wood Rafter .....	3.15	1.55
06 11 16 00-0005	LF	2" x 10" Wood Rafter .....	4.53	2.27
06 11 16 00-0006	LF	2" x 12" Wood Rafter .....	5.21	2.52
06 11 16 00-0007	LF	2" x 14" Wood Rafter .....	5.66	2.75
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter.....	3.37	1.44
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter.....	4.07	1.55
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter.....	5.51	2.27
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter.....	6.63	2.52
<b>06 11 16 00-0012</b>		<b>Joists</b> (06 11 16 00-0001) Note: A series of parallel beams to support floors or ceilings.		
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist.....	2.33	1.20
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist.....	2.91	1.32
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist.....	3.69	1.67
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist.....	4.38	1.92
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist.....	4.82	2.04
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist.....	3.00	1.20
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.83	1.32
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist.....	4.67	1.67
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist.....	5.80	1.92
<b>06 11 16 00-0022</b>		<b>Purlins</b> (06 11 16 00-0001) Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.		
06 11 16 00-0023	LF	2" x 4" Wood Purlin .....	1.91	0.72
06 11 16 00-0024	LF	2" x 6" Wood Purlin .....	2.36	0.79
06 11 16 00-0025	LF	2" x 8" Wood Purlin .....	2.84	0.87
06 11 16 00-0026	LF	2" x 10" Wood Purlin .....	3.46	0.95
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin .....	2.31	0.72
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin .....	3.03	0.79
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin .....	3.76	0.87
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin .....	4.44	0.95
<b>06 11 16 00-0031</b>		<b>Exposed Rafters Or Joists</b> (06 11 16 00-0001)		
<b>06 11 16 00-0032</b>		<b>Redwood Rafters Or Joists</b> (06 11 16 00-0031)		
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist .....	3.48	1.20
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist .....	4.24	1.32
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist.....	5.27	1.67
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist .....	6.38	1.92
<b>06 11 16 00-0037</b>		<b>Cedar Rafters Or Joists</b> (06 11 16 00-0031)		
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist.....	2.34	1.20
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist.....	2.64	1.32
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist.....	3.04	1.67
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist.....	3.46	1.92
<b>06 11 16 00-0042</b>		<b>Oak Rafters Or Joists</b> (06 11 16 00-0031)		
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist.....	2.81	1.20
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist.....	3.82	1.32
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist.....	4.94	1.67
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist.....	6.07	1.92
<b>06 11 16 00-0047</b>		<b>Framing</b> (06 11 16)		
<b>06 11 16 00-0048</b>		<b>Partition Framing</b> (06 11 16 00-0047)		
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls .....	1.85	0.95



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0050 LF 2" x 6" Wood Stud Framing, For Partition Walls .....	2.22	1.01
06 11 16 00-0051 LF 2" x 8" Wood Stud Framing, For Partition Walls .....	2.60	1.08
06 11 16 00-0052 LF 2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls .....	2.25	0.95
06 11 16 00-0053 LF 2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls .....	2.89	1.01
06 11 16 00-0054 LF 2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls .....	3.52	1.08
<b>06 11 16 00-0055 Wall Framing Assemblies By The SF</b> <small>(06 11 16 00-0047)</small>		
<small>Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.</small>		
<b>06 11 16 00-0056 Wall Framing By The SF, 12" On Center</b> <small>(06 11 16 00-0055)</small>		
06 11 16 00-0057 SF 2" x 4" At 12" On Center, Wood Wall Framing Assembly .....	2.37	1.16
<i>For Up To 200, Add</i>	<i>0.81</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.41</i>	
06 11 16 00-0058 SF 2" x 6" At 12" On Center, Wood Wall Framing Assembly .....	3.19	1.48
<i>For Up To 200, Add</i>	<i>1.08</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.54</i>	
06 11 16 00-0059 SF 2" x 8" At 12" On Center, Wood Wall Framing Assembly .....	4.26	1.98
<i>For Up To 200, Add</i>	<i>1.44</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.72</i>	
<b>06 11 16 00-0060 Wall Framing By The SF, 16" On Center</b> <small>(06 11 16 00-0055)</small>		
06 11 16 00-0061 SF 2" x 4" At 16" On Center, Wood Wall Framing Assembly .....	1.94	0.93
<i>For Up To 200, Add</i>	<i>0.66</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.33</i>	
06 11 16 00-0062 SF 2" x 6" At 16" On Center, Wood Wall Framing Assembly .....	2.65	1.24
<i>For Up To 200, Add</i>	<i>0.89</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.45</i>	
06 11 16 00-0063 SF 2" x 8" At 16" On Center, Wood Wall Framing Assembly .....	3.54	1.65
<i>For Up To 200, Add</i>	<i>1.19</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.60</i>	
<b>06 11 16 00-0064 Wall Framing By The SF, 24" On Center</b> <small>(06 11 16 00-0055)</small>		
06 11 16 00-0065 SF 2" x 4" At 24" On Center, Wood Wall Framing Assembly .....	1.53	0.73
<i>For Up To 200, Add</i>	<i>0.52</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.26</i>	
06 11 16 00-0066 SF 2" x 6" At 24" On Center, Wood Wall Framing Assembly .....	2.08	0.96
<i>For Up To 200, Add</i>	<i>0.70</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.35</i>	
06 11 16 00-0067 SF 2" x 8" At 24" On Center, Wood Wall Framing Assembly .....	2.78	1.29
<i>For Up To 200, Add</i>	<i>0.94</i>	
<i>For &gt;200 To 500, Add</i>	<i>0.47</i>	
<b>06 11 16 00-0068 Sills And Plates</b> <small>(06 11 16)</small>		
<b>06 11 16 00-0069 Sills</b> <small>(06 11 16 00-0068)</small>		
<small>Note: A horizontal member which rests on and is attached to the foundation.</small>		
06 11 16 00-0070 LF 2" x 4" Wood Sill .....	3.16	1.80
06 11 16 00-0071 LF 2" x 6" Wood Sill .....	3.77	2.04
06 11 16 00-0072 LF 2" x 8" Wood Sill .....	4.49	2.27
06 11 16 00-0073 LF 2" x 4" Pressure Treated Wood Sill .....	3.56	1.80
06 11 16 00-0074 LF 2" x 6" Pressure Treated Wood Sill .....	4.44	2.04
06 11 16 00-0075 LF 2" x 8" Pressure Treated Wood Sill .....	5.41	2.27
<b>06 11 16 00-0076 Plates</b> <small>(06 11 16 00-0068)</small>		
<small>Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.</small>		
06 11 16 00-0077 LF 2" x 4" Wood Plate .....	3.16	1.80
06 11 16 00-0078 LF 2" x 6" Wood Plate .....	3.77	2.04
06 11 16 00-0079 LF 2" x 8" Wood Plate .....	4.46	2.27
06 11 16 00-0080 LF 2" x 4" Pressure Treated Wood Plate .....	3.56	1.80
06 11 16 00-0081 LF 2" x 6" Pressure Treated Wood Plate .....	4.44	2.04
06 11 16 00-0082 LF 2" x 8" Pressure Treated Wood Plate .....	5.38	2.27
<b>06 11 16 00-0083 Suspended Ceiling Framing</b> <small>(06 11 16)</small>		
06 11 16 00-0084 LF 1" x 2" Wood Suspended Ceiling Framing .....	2.60	1.55
06 11 16 00-0085 LF 1" x 3" Wood Suspended Ceiling Framing .....	2.84	1.67
06 11 16 00-0086 LF 1" x 4" Wood Suspended Ceiling Framing .....	2.98	1.80
06 11 16 00-0087 LF 2" x 2" Wood Suspended Ceiling Framing .....	3.07	1.80
06 11 16 00-0088 LF 2" x 4" Wood Suspended Ceiling Framing .....	3.63	2.04
06 11 16 00-0089 LF 1" x 2" Pressure Treated Wood Suspended Ceiling Framing .....	2.91	1.55
06 11 16 00-0090 LF 1" x 3" Pressure Treated Wood Suspended Ceiling Framing .....	2.85	1.67
06 11 16 00-0091 LF 1" x 4" Pressure Treated Wood Suspended Ceiling Framing .....	3.20	1.80
06 11 16 00-0092 LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing .....	3.42	1.80
06 11 16 00-0093 LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing .....	3.98	2.04

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0094	<b>Posts And Girts</b> (06 11 16)		
06 11 16 00-0095	<b>Posts</b> (06 11 16 00-0094)		
	Note: A vertical, upright framing member.		
06 11 16 00-0096	LF 4" x 4" Wood Post.....	4.57	2.27
06 11 16 00-0097	LF 4" x 5" Wood Post.....	5.21	2.64
06 11 16 00-0098	LF 4" x 6" Wood Post.....	5.74	2.87
06 11 16 00-0099	LF 6" x 6" Wood Post.....	6.39	3.11
06 11 16 00-0100	LF 8" x 8" Wood Post.....	7.02	3.24
06 11 16 00-0101	LF 10" x 10" Wood Post.....	7.67	3.71
06 11 16 00-0102	LF 4" x 4" Pressure Treated Wood Post.....	6.66	2.27
06 11 16 00-0103	LF 3" x 6" Pressure Treated Wood Post.....	7.68	2.87
06 11 16 00-0104	LF 4" x 6" Pressure Treated Wood Post.....	9.44	2.87
06 11 16 00-0105	LF 6" x 6" Pressure Treated Wood Post.....	13.40	3.11
06 11 16 00-0106	<b>Girts</b> (06 11 16 00-0094)		
	Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0107	LF 2" x 4" Wood Girt.....	2.19	0.86
06 11 16 00-0108	LF 2" x 6" Wood Girt.....	2.67	0.94
06 11 16 00-0109	LF 2" x 8" Wood Girt.....	3.19	1.04
06 11 16 00-0110	LF 2" x 10" Wood Girt.....	3.84	1.15
06 11 16 00-0111	LF 4" x 4" Wood Girt.....	4.44	1.72
06 11 16 00-0112	LF 4" x 5" Wood Girt.....	5.08	1.94
06 11 16 00-0113	LF 4" x 6" Wood Girt.....	5.72	2.15
06 11 16 00-0114	LF 6" x 6" Wood Girt.....	6.37	2.37
06 11 16 00-0115	LF 8" x 8" Wood Girt.....	7.00	2.59
06 11 16 00-0116	LF 10" x 10" Wood Girt.....	7.65	2.81
06 11 16 00-0117	LF 2" x 4" Pressure Treated Wood Girt.....	2.59	0.86
06 11 16 00-0118	LF 2" x 6" Pressure Treated Wood Girt.....	3.34	0.94
06 11 16 00-0119	LF 2" x 8" Pressure Treated Wood Girt.....	4.11	1.04
06 11 16 00-0120	LF 2" x 10" Pressure Treated Wood Girt.....	4.82	1.15
06 11 16 00-0121	LF 4" x 4" Pressure Treated Wood Girt.....	6.66	1.72
06 11 16 00-0122	LF 3" x 6" Pressure Treated Wood Girt.....	7.68	2.15
06 11 16 00-0123	LF 4" x 6" Pressure Treated Wood Girt.....	9.44	2.15
06 11 16 00-0124	LF 6" x 6" Pressure Treated Wood Girt.....	13.40	2.37
06 11 16 00-0125	<b>Stair Stringers</b> (06 11 16)		
	See CSI section 06 43 13 00-0001 for treads and risers.		
06 11 16 00-0126	LF 2" x 10" Wood Stair Stringer.....	8.69	4.79
06 11 16 00-0127	LF 2" x 12" Wood Stair Stringer.....	10.27	5.63
06 11 16 00-0128	LF 2" x 10" Pressure Treated Wood Stair Stringer.....	9.70	4.79
06 11 16 00-0129	LF 2" x 12" Pressure Treated Wood Stair Stringer.....	11.66	5.63
06 11 16 00-0130	<b>Blocking And Sleepers</b> (06 11 16)		
06 11 16 00-0131	<b>Blocking</b> (06 11 16 00-0130)		
06 11 16 00-0132	<b>Blocking To Wood</b> (06 11 16 00-0131)		
06 11 16 00-0133	LF 2" x 4" Pressure Treated Wood Blocking To Wood.....	7.00	2.88
06 11 16 00-0134	LF 2" x 6" Pressure Treated Wood Blocking To Wood.....	8.42	3.16
06 11 16 00-0135	LF 2" x 8" Pressure Treated Wood Blocking To Wood.....	9.66	3.48
06 11 16 00-0136	LF 4" x 4" Pressure Treated Wood Blocking To Wood.....	11.28	3.82
06 11 16 00-0137	LF 4" x 6" Pressure Treated Wood Blocking To Wood.....	13.81	4.21
06 11 16 00-0138	LF 2" x 4" Wood Blocking To Wood.....	6.22	2.88
06 11 16 00-0139	LF 2" x 6" Wood Blocking To Wood.....	7.11	3.16
06 11 16 00-0140	LF 2" x 8" Wood Blocking To Wood.....	8.08	3.48
06 11 16 00-0141	LF 4" x 4" Wood Blocking To Wood.....	8.79	3.82
06 11 16 00-0142	LF 4" x 6" Wood Blocking To Wood.....	9.86	4.21
06 11 16 00-0143	<b>Blocking To Steel</b> (06 11 16 00-0131)		
06 11 16 00-0144	LF 2" x 4" Pressure Treated Wood Blocking To Steel.....	8.00	3.31
06 11 16 00-0145	LF 2" x 6" Pressure Treated Wood Blocking To Steel.....	9.58	3.64
06 11 16 00-0146	LF 2" x 8" Pressure Treated Wood Blocking To Steel.....	10.97	4.00
06 11 16 00-0147	LF 2" x 4" Wood Blocking To Steel.....	7.13	3.31
06 11 16 00-0148	LF 2" x 6" Wood Blocking To Steel.....	8.14	3.64
06 11 16 00-0149	LF 2" x 8" Wood Blocking To Steel.....	9.23	4.00
06 11 16 00-0150	<b>Blocking To Concrete</b> (06 11 16 00-0131)		
06 11 16 00-0151	LF 2" x 4" Pressure Treated Wood Blocking To Concrete.....	8.00	3.31
06 11 16 00-0152	LF 2" x 6" Pressure Treated Wood Blocking To Concrete.....	9.58	3.64
06 11 16 00-0153	LF 2" x 8" Pressure Treated Wood Blocking To Concrete.....	10.97	4.00
06 11 16 00-0154	LF 2" x 4" Wood Blocking To Concrete.....	7.13	3.31
06 11 16 00-0155	LF 2" x 6" Wood Blocking To Concrete.....	8.14	3.64
06 11 16 00-0156	LF 2" x 8" Wood Blocking To Concrete.....	9.23	4.00



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0157				<b>Pressure Treated Lattice</b> <small>(06 11 16 00-0130)</small>		
06 11 16 00-0158	SF			3/4" Thick Pressure Treated Wood Lattice .....	6.84	2.52
06 11 16 00-0159				<b>Sleepers</b> <small>(06 11 16 00-0130)</small>		
06 11 16 00-0160				<b>Sleepers To Wood</b> <small>(06 11 16 00-0159)</small>		
06 11 16 00-0161	LF			1" x 2" Pressure Treated Wood Sleeper On Wood .....	1.36	0.42
06 11 16 00-0162	LF			1" x 3" Pressure Treated Wood Sleeper On Wood .....	1.28	0.48
06 11 16 00-0163	LF			1" x 4" Pressure Treated Wood Sleeper On Wood .....	1.53	0.54
06 11 16 00-0164	LF			2" x 4" Pressure Treated Wood Sleeper On Wood .....	2.57	0.66
06 11 16 00-0165	LF			2" x 6" Pressure Treated Wood Sleeper On Wood .....	3.53	0.72
06 11 16 00-0166				<b>Sleepers To Concrete</b> <small>(06 11 16 00-0159)</small>		
06 11 16 00-0167	LF			1" x 2" Pressure Treated Wood Sleeper On Concrete .....	1.41	0.42
06 11 16 00-0168	LF			1" x 3" Pressure Treated Wood Sleeper On Concrete .....	1.32	0.48
06 11 16 00-0169	LF			1" x 4" Pressure Treated Wood Sleeper On Concrete .....	1.57	0.54
06 11 16 00-0170	LF			2" x 4" Pressure Treated Wood Sleeper On Concrete .....	2.70	0.66
06 11 16 00-0171	LF			2" x 6" Pressure Treated Wood Sleeper On Concrete .....	3.74	0.72
06 11 16 00-0172				<b>Roofing Nailers</b> <small>(06 11 16)</small>		
06 11 16 00-0173	LF			2" x 4" Pressure Treated Lumber, For Roofing Nailers .....	3.62	0.95
06 11 16 00-0174	LF			2" x 6" Pressure Treated Lumber, For Roofing Nailers .....	4.32	1.01
06 11 16 00-0175	LF			2" x 8" Pressure Treated Lumber, For Roofing Nailers .....	5.02	1.08
06 11 16 00-0176				<b>Roofing Sleepers</b> <small>(06 11 16)</small>		
06 11 16 00-0177	LF			2" x 4" Pressure Treated Lumber, For Roofing Sleepers .....	1.76	
06 11 16 00-0178	LF			4" x 4" Pressure Treated Lumber, For Roofing Sleepers .....	4.95	
06 11 16 00-0179	LF			4" x 6" Pressure Treated Lumber, For Roofing Sleepers .....	7.28	
06 11 16 00-0180	LF			6" x 6" Pressure Treated Lumber, For Roofing Sleepers .....	11.04	
06 11 16 00-0181				<b>Canopy Framing, Bridging, And Furring</b> <small>(06 11 16)</small>		
06 11 16 00-0182				<b>Wood And Steel Bridging</b> <small>(06 11 16 00-0181)</small>		
06 11 16 00-0183				<b>Wood Bridging</b> <small>(06 11 16 00-0182)</small>		
06 11 16 00-0184	EA			1 Pair Wood Bridging, 1" x 3" Cross Type .....	9.62	4.20
				Note: For joists spaced at 16" on center.		
06 11 16 00-0185	EA			1 Pair Wood Bridging, 2" x 3" Cross Type .....	9.88	4.20
				Note: For joists spaced at 16" on center.		
06 11 16 00-0186				<b>Steel Bridging</b> <small>(06 11 16 00-0182)</small>		
06 11 16 00-0187	EA			1 Pair Steel Bridging, Wood Joists At 16" On Center .....	12.26	4.20
06 11 16 00-0188	EA			1 Pair Steel Bridging, Wood Joists At 24" On Center .....	12.22	4.20
06 11 16 00-0189				<b>Light Framing, Trim And Furring</b> <small>(06 11 16 00-0181)</small>		
06 11 16 00-0190				<b>Pine/Spruce/Fir Light Framing, Trim And Furring</b> <small>(06 11 16 00-0189)</small>		
				Note: S4S board, select grade 1		
06 11 16 00-0191	LF			1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring .....	2.12	0.98
06 11 16 00-0192	LF			1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring .....	2.36	1.08
06 11 16 00-0193	LF			1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring .....	2.71	1.19
06 11 16 00-0194	LF			1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.02	1.31
06 11 16 00-0195	LF			1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.34	1.44
06 11 16 00-0196	LF			1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.70	1.58
06 11 16 00-0197	LF			2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.04	1.31
06 11 16 00-0198	LF			2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.39	1.44
06 11 16 00-0199	LF			2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring .....	3.94	1.58
06 11 16 00-0200	LF			2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring .....	4.58	1.73
06 11 16 00-0201	LF			2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring .....	5.35	1.92
06 11 16 00-0202				<b>Cedar Light Framing, Trim And Furring</b> <small>(06 11 16 00-0189)</small>		
				Note: S4S board, select grade 1		
06 11 16 00-0203	LF			1" x 1" Cedar Light Framing, Trim And Furring .....	2.14	0.98
06 11 16 00-0204	LF			1" x 2" Cedar Light Framing, Trim And Furring .....	2.49	1.08
06 11 16 00-0205	LF			1" x 4" Cedar Light Framing, Trim And Furring .....	3.21	1.19
06 11 16 00-0206	LF			1" x 6" Cedar Light Framing, Trim And Furring .....	3.87	1.31
06 11 16 00-0207	LF			1" x 8" Cedar Light Framing, Trim And Furring .....	5.59	1.44
06 11 16 00-0208	LF			1" x 10" Cedar Light Framing, Trim And Furring .....	6.56	1.58
06 11 16 00-0209	LF			2" x 2" Cedar Light Framing, Trim And Furring .....	3.36	1.31
06 11 16 00-0210	LF			2" x 4" Cedar Light Framing, Trim And Furring .....	3.87	1.44

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 11 Wood Framing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>06 11 16 00-0211</b>	<b>Oak Light Framing, Trim And Furring</b> (06 11 16 00-0189)		
	Note: S4S board, select grade 1		
06 11 16 00-0212	LF 1" x 1" Oak Light Framing, Trim And Furring .....	2.15	0.98
06 11 16 00-0213	LF 1" x 2" Oak Light Framing, Trim And Furring .....	2.51	1.08
06 11 16 00-0214	LF 1" x 4" Oak Light Framing, Trim And Furring .....	3.09	1.19
06 11 16 00-0215	LF 1" x 6" Oak Light Framing, Trim And Furring .....	3.68	1.31
06 11 16 00-0216	LF 1" x 8" Oak Light Framing, Trim And Furring .....	4.30	1.44
06 11 16 00-0217	LF 1" x 10" Oak Light Framing, Trim And Furring .....	4.95	1.58
06 11 16 00-0218	LF 2" x 2" Oak Light Framing, Trim And Furring .....	3.33	1.31
06 11 16 00-0219	LF 2" x 4" Oak Light Framing, Trim And Furring .....	4.31	1.44

<b>06 11 16 00-0220</b>	<b>Redwood Light Framing, Trim And Furring</b> (06 11 16 00-0189)		
	Note: S4S board, select grade 1		
06 11 16 00-0221	LF 1" x 1" Redwood Light Framing, Trim And Furring.....	2.10	0.98
06 11 16 00-0222	LF 1" x 2" Redwood Light Framing, Trim And Furring.....	2.41	1.08
06 11 16 00-0223	LF 1" x 4" Redwood Light Framing, Trim And Furring.....	2.91	1.19
06 11 16 00-0224	LF 1" x 6" Redwood Light Framing, Trim And Furring.....	3.47	1.31
06 11 16 00-0225	LF 1" x 8" Redwood Light Framing, Trim And Furring.....	4.08	1.44
06 11 16 00-0226	LF 1" x 10" Redwood Light Framing, Trim And Furring.....	4.75	1.58
06 11 16 00-0227	LF 2" x 2" Redwood Light Framing, Trim And Furring.....	3.49	1.31
06 11 16 00-0228	LF 2" x 4" Redwood Light Framing, Trim And Furring.....	4.10	1.44

<b>06 11 16 00-0229</b>	<b>Poplar Light Framing, Trim And Furring</b> (06 11 16 00-0189)		
	Note: S4S board, select grade 1		
06 11 16 00-0230	LF 1" x 1" Poplar Light Framing, Trim And Furring .....	2.40	0.98
06 11 16 00-0231	LF 1" x 2" Poplar Light Framing, Trim And Furring .....	2.88	1.08
06 11 16 00-0232	LF 1" x 4" Poplar Light Framing, Trim And Furring .....	3.58	1.19
06 11 16 00-0233	LF 1" x 6" Poplar Light Framing, Trim And Furring .....	4.51	1.31
06 11 16 00-0234	LF 1" x 8" Poplar Light Framing, Trim And Furring .....	5.21	1.44
06 11 16 00-0235	LF 1" x 10" Poplar Light Framing, Trim And Furring .....	6.78	1.58
06 11 16 00-0236	LF 1" x 12" Poplar Light Framing, Trim And Furring .....	7.29	1.58
06 11 16 00-0237	LF 2" x 2" Poplar Light Framing, Trim And Furring .....	5.79	1.31
06 11 16 00-0238	LF 2" x 4" Poplar Light Framing, Trim And Furring .....	6.48	1.44
06 11 16 00-0239	LF 2" x 6" Poplar Light Framing, Trim And Furring .....	8.57	1.58

<b>06 11 16 00-0240</b>	<b>Maple Light Framing, Trim And Furring</b> (06 11 16 00-0189)		
	Note: S4S board, select grade 1		
06 11 16 00-0241	LF 1" x 4" Maple Light Framing, Trim And Furring .....	4.39	1.19
06 11 16 00-0242	LF 1" x 6" Maple Light Framing, Trim And Furring .....	5.75	1.31
06 11 16 00-0243	LF 1" x 8" Maple Light Framing, Trim And Furring .....	7.15	1.44

**06 13 Heavy Timber Construction** (06 10)**06 13 23 Heavy Timber Framing** (06 13)

<b>06 13 23 00-0001</b>	<b>Heavy Timber Framing</b> (06 13 23)		
	Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
<b>06 13 23 00-0002</b>	<b>Heavy Timber Beams</b> (06 13 23 00-0001)		
<b>06 13 23 00-0003</b>	<b>Pine, Heavy Timber Beams</b> (06 13 23 00-0002)		
06 13 23 00-0004	LF 4" x 4", Pine, Heavy Timber Beam.....	6.26	2.12
06 13 23 00-0005	LF 4" x 6", Pine, Heavy Timber Beam.....	7.45	2.21
06 13 23 00-0006	LF 4" x 8", Pine, Heavy Timber Beam.....	8.63	2.30
06 13 23 00-0007	LF 4" x 10", Pine, Heavy Timber Beam.....	11.02	2.46
06 13 23 00-0008	LF 4" x 12", Pine, Heavy Timber Beam.....	12.97	2.61
06 13 23 00-0009	LF 6" x 6", Pine, Heavy Timber Beam.....	9.28	2.39
06 13 23 00-0010	LF 6" x 8", Pine, Heavy Timber Beam.....	10.99	2.52
06 13 23 00-0011	LF 6" x 10", Pine, Heavy Timber Beam.....	14.55	2.69
06 13 23 00-0012	LF 6" x 12", Pine, Heavy Timber Beam.....	17.15	2.75
06 13 23 00-0013	LF 8" x 8", Pine, Heavy Timber Beam.....	13.25	2.61
06 13 23 00-0014	LF 8" x 10", Pine, Heavy Timber Beam.....	17.61	2.69
06 13 23 00-0015	LF 8" x 12", Pine, Heavy Timber Beam.....	21.13	2.75
06 13 23 00-0016	LF 10" x 10", Pine, Heavy Timber Beam.....	20.89	2.75
06 13 23 00-0017	LF 10" x 12", Pine, Heavy Timber Beam.....	25.40	2.99
06 13 23 00-0018	LF 12" x 12", Pine, Heavy Timber Beam.....	29.87	3.29

<b>06 13 23 00-0019</b>	<b>Douglas Fir, Heavy Timber Beams</b> (06 13 23 00-0002)		
06 13 23 00-0020	LF 4" x 4", Douglas Fir, Heavy Timber Beam.....	6.47	2.12
06 13 23 00-0021	LF 4" x 6", Douglas Fir, Heavy Timber Beam.....	7.75	2.21
06 13 23 00-0022	LF 4" x 8", Douglas Fir, Heavy Timber Beam.....	9.04	2.30
06 13 23 00-0023	LF 4" x 10", Douglas Fir, Heavy Timber Beam.....	11.63	2.46
06 13 23 00-0024	LF 4" x 12", Douglas Fir, Heavy Timber Beam.....	13.74	2.61
06 13 23 00-0025	LF 6" x 6", Douglas Fir, Heavy Timber Beam.....	9.72	2.39
06 13 23 00-0026	LF 6" x 8", Douglas Fir, Heavy Timber Beam.....	11.58	2.52



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0027	LF			6" x 10", Douglas Fir, Heavy Timber Beam.....	15.46	2.69
06 13 23 00-0028	LF			6" x 12", Douglas Fir, Heavy Timber Beam.....	18.32	2.75
06 13 23 00-0029	LF			8" x 8", Douglas Fir, Heavy Timber Beam.....	14.05	2.61
06 13 23 00-0030	LF			8" x 10", Douglas Fir, Heavy Timber Beam.....	18.83	2.69
06 13 23 00-0031	LF			8" x 12", Douglas Fir, Heavy Timber Beam.....	22.68	2.75
06 13 23 00-0032	LF			10" x 10", Douglas Fir, Heavy Timber Beam.....	22.41	2.75
06 13 23 00-0033	LF			10" x 12", Douglas Fir, Heavy Timber Beam.....	27.32	2.99
06 13 23 00-0034	LF			12" x 12", Douglas Fir, Heavy Timber Beam.....	32.19	3.29
<b>06 13 23 00-0035 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)</b>						
06 13 23 00-0036	LF			4" x 4", Pressure Treated, Heavy Timber Beam.....	7.47	2.12
06 13 23 00-0037	LF			4" x 6", Pressure Treated, Heavy Timber Beam.....	9.56	2.21
06 13 23 00-0038	LF			4" x 8", Pressure Treated, Heavy Timber Beam.....	11.38	2.30
06 13 23 00-0039	LF			4" x 10", Pressure Treated, Heavy Timber Beam.....	15.17	2.46
06 13 23 00-0040	LF			4" x 12", Pressure Treated, Heavy Timber Beam.....	18.23	2.61
06 13 23 00-0041	LF			6" x 6", Pressure Treated, Heavy Timber Beam.....	13.40	2.39
06 13 23 00-0042	LF			6" x 8", Pressure Treated, Heavy Timber Beam.....	16.53	2.52
06 13 23 00-0043	LF			6" x 10", Pressure Treated, Heavy Timber Beam.....	19.90	2.69
06 13 23 00-0044	LF			6" x 12", Pressure Treated, Heavy Timber Beam.....	24.56	2.75
06 13 23 00-0045	LF			8" x 8", Pressure Treated, Heavy Timber Beam.....	24.83	2.61
06 13 23 00-0046	LF			8" x 10", Pressure Treated, Heavy Timber Beam.....	28.95	2.69
06 13 23 00-0047	LF			8" x 12", Pressure Treated, Heavy Timber Beam.....	34.18	2.75
06 13 23 00-0048	LF			10" x 10", Pressure Treated, Heavy Timber Beam.....	34.34	2.75
06 13 23 00-0049	LF			10" x 12", Pressure Treated, Heavy Timber Beam.....	45.64	2.99
06 13 23 00-0050	LF			12" x 12", Pressure Treated, Heavy Timber Beam.....	54.17	3.29
<b>06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)</b>						
<b>06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0051)</b>						
06 13 23 00-0053	LF			4" x 4", Pine, Heavy Timber Column.....	4.24	1.12
06 13 23 00-0054	LF			4" x 6", Pine, Heavy Timber Column.....	5.38	1.18
06 13 23 00-0055	LF			4" x 8", Pine, Heavy Timber Column.....	6.44	1.22
06 13 23 00-0056	LF			4" x 10", Pine, Heavy Timber Column.....	8.70	1.29
06 13 23 00-0057	LF			4" x 12", Pine, Heavy Timber Column.....	10.51	1.37
06 13 23 00-0058	LF			6" x 6", Pine, Heavy Timber Column.....	7.03	1.25
06 13 23 00-0059	LF			6" x 8", Pine, Heavy Timber Column.....	8.65	1.31
06 13 23 00-0060	LF			6" x 10", Pine, Heavy Timber Column.....	11.99	1.42
06 13 23 00-0061	LF			6" x 12", Pine, Heavy Timber Column.....	14.54	1.45
06 13 23 00-0062	LF			8" x 8", Pine, Heavy Timber Column.....	10.79	1.37
06 13 23 00-0063	LF			8" x 10", Pine, Heavy Timber Column.....	15.05	1.42
06 13 23 00-0064	LF			8" x 12", Pine, Heavy Timber Column.....	18.47	1.48
06 13 23 00-0065	LF			10" x 10", Pine, Heavy Timber Column.....	18.22	1.48
06 13 23 00-0066	LF			10" x 12", Pine, Heavy Timber Column.....	22.57	1.57
06 13 23 00-0067	LF			12" x 12", Pine, Heavy Timber Column.....	26.76	1.73
<b>06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0051)</b>						
06 13 23 00-0069	LF			4" x 4", Douglas Fir, Heavy Timber Column.....	4.45	1.12
06 13 23 00-0070	LF			4" x 6", Douglas Fir, Heavy Timber Column.....	5.68	1.18
06 13 23 00-0071	LF			4" x 8", Douglas Fir, Heavy Timber Column.....	6.85	1.22
06 13 23 00-0072	LF			4" x 10", Douglas Fir, Heavy Timber Column.....	9.31	1.29
06 13 23 00-0073	LF			4" x 12", Douglas Fir, Heavy Timber Column.....	11.28	1.37
06 13 23 00-0074	LF			6" x 6", Douglas Fir, Heavy Timber Column.....	7.47	1.25
06 13 23 00-0075	LF			6" x 8", Douglas Fir, Heavy Timber Column.....	9.24	1.31
06 13 23 00-0076	LF			6" x 10", Douglas Fir, Heavy Timber Column.....	12.90	1.42
06 13 23 00-0077	LF			6" x 12", Douglas Fir, Heavy Timber Column.....	15.71	1.45
06 13 23 00-0078	LF			8" x 8", Douglas Fir, Heavy Timber Column.....	11.59	1.37
06 13 23 00-0079	LF			8" x 10", Douglas Fir, Heavy Timber Column.....	16.27	1.42
06 13 23 00-0080	LF			8" x 12", Douglas Fir, Heavy Timber Column.....	20.02	1.48
06 13 23 00-0081	LF			10" x 10", Douglas Fir, Heavy Timber Column.....	19.74	1.48
06 13 23 00-0082	LF			10" x 12", Douglas Fir, Heavy Timber Column.....	24.49	1.57
06 13 23 00-0083	LF			12" x 12", Douglas Fir, Heavy Timber Column.....	29.08	1.73
<b>06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0051)</b>						
06 13 23 00-0085	LF			4" x 4", Pressure Treated, Heavy Timber Column.....	5.45	1.12
06 13 23 00-0086	LF			4" x 6", Pressure Treated, Heavy Timber Column.....	7.49	1.18
06 13 23 00-0087	LF			4" x 8", Pressure Treated, Heavy Timber Column.....	9.19	1.22
06 13 23 00-0088	LF			4" x 10", Pressure Treated, Heavy Timber Column.....	12.85	1.29
06 13 23 00-0089	LF			4" x 12", Pressure Treated, Heavy Timber Column.....	15.77	1.37
06 13 23 00-0090	LF			6" x 6", Pressure Treated, Heavy Timber Column.....	11.15	1.25
06 13 23 00-0091	LF			6" x 8", Pressure Treated, Heavy Timber Column.....	14.19	1.31
06 13 23 00-0092	LF			6" x 10", Pressure Treated, Heavy Timber Column.....	17.34	1.42
06 13 23 00-0093	LF			6" x 12", Pressure Treated, Heavy Timber Column.....	21.95	1.45
06 13 23 00-0094	LF			8" x 8", Pressure Treated, Heavy Timber Column.....	22.37	1.37
06 13 23 00-0095	LF			8" x 10", Pressure Treated, Heavy Timber Column.....	26.39	1.42
06 13 23 00-0096	LF			8" x 12", Pressure Treated, Heavy Timber Column.....	31.52	1.48
06 13 23 00-0097	LF			10" x 10", Pressure Treated, Heavy Timber Column.....	31.67	1.48
06 13 23 00-0098	LF			10" x 12", Pressure Treated, Heavy Timber Column.....	42.81	1.57



<b>06</b>	<b>06 Wood, Plastics, and Composites</b>
	<b>06 10 Rough Carpentry</b>
	<b>06 13 Heavy Timber Construction</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

06 13 23 00-0099 LF 12" x 12", Pressure Treated, Heavy Timber Column .....	51.06	1.73
--	-------	------

**06 15 Wood Decking** (06 10)

**06 15 13 Wood Floor Decking** (06 15)

06 15 13 00-0001 Wood Deck Systems <small>(06 15 13)</small> Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.		
06 15 13 00-0002 Pressure Treated Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0003 2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0004 SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	39.39	8.36
06 15 13 00-0005 SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	38.05	7.94
06 15 13 00-0006 SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	40.82	8.57
06 15 13 00-0007 SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	39.50	8.15
06 15 13 00-0008 2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0009 SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	40.67	8.57
06 15 13 00-0010 SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	39.30	8.14
06 15 13 00-0011 SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	42.12	8.79
06 15 13 00-0012 SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center .....	40.79	8.34
06 15 13 00-0013 2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>		
06 15 13 00-0014 SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	39.39	8.36
06 15 13 00-0015 SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	38.05	7.94
06 15 13 00-0016 SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	40.82	8.57
06 15 13 00-0017 SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	39.50	8.15
06 15 13 00-0018 Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0019 2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0020 SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	41.80	8.36
06 15 13 00-0021 SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	40.57	7.70
06 15 13 00-0022 SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	43.84	8.57
06 15 13 00-0023 SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	42.34	8.15
06 15 13 00-0024 2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0025 SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	44.46	8.57
06 15 13 00-0026 SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	43.20	8.14
06 15 13 00-0027 SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	46.65	8.79
06 15 13 00-0028 SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	45.16	8.34
06 15 13 00-0029 2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>		
06 15 13 00-0030 SF 5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	42.77	8.36
06 15 13 00-0031 SF 5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	41.54	7.94
06 15 13 00-0032 SF 2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	44.86	8.57
06 15 13 00-0033 SF 2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	44.14	8.15
06 15 13 00-0034 Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>		
06 15 13 00-0035 2" x 8" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0036 SF 5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	40.71	8.36
06 15 13 00-0037 SF 5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	39.43	7.94
06 15 13 00-0038 SF 2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	42.61	8.57
06 15 13 00-0039 SF 2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System .....	41.09	8.15
06 15 13 00-0040 2" x 10" Joists At 16" On Center, Cypress With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0041 SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	43.15	8.57
06 15 13 00-0042 SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	41.84	8.14
06 15 13 00-0043 SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	45.19	8.79
06 15 13 00-0044 SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System .....	44.11	8.34



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0045		<b>2" x 10" Joists At 24" On Center, Cypress With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0034)</small>		
	06 15 13 00-0046	SF 5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	42.30	8.36
	06 15 13 00-0047	SF 5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	40.29	7.94
	06 15 13 00-0048	SF 2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	43.52	8.57
	06 15 13 00-0049	SF 2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System .....	42.43	8.15
06 15 13 00-0050		<b>Cedar With Pressure Treated Joists Wood Deck System</b> <small>(06 15 13 00-0001)</small>		
06 15 13 00-0051		<b>2" x 8" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0050)</small>		
	06 15 13 00-0052	SF 5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	40.26	8.36
	06 15 13 00-0053	SF 5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	38.96	7.94
	06 15 13 00-0054	SF 2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	41.76	8.57
	06 15 13 00-0055	SF 2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System.....	40.48	8.15
06 15 13 00-0056		<b>2" x 10" Joists At 16" On Center, Cedar With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0050)</small>		
	06 15 13 00-0057	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	41.61	8.57
	06 15 13 00-0058	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	40.67	8.14
	06 15 13 00-0059	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	43.13	8.79
	06 15 13 00-0060	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System.....	41.90	8.34
06 15 13 00-0061		<b>2" x 10" Joists At 24" On Center, Cedar With Pressure Treated Joists, Wood Deck System</b> <small>(06 15 13 00-0050)</small>		
	06 15 13 00-0062	SF 5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	40.80	8.36
	06 15 13 00-0063	SF 5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	39.50	7.94
	06 15 13 00-0064	SF 2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	42.32	8.57
	06 15 13 00-0065	SF 2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System.....	41.05	8.15
06 15 13 00-0066		<b>Wood Ramp Systems</b> <small>(06 15 13)</small>		
		Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
06 15 13 00-0067		<b>Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
06 15 13 00-0068		<b>2" x 6" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0069	SF 5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....	46.06	8.15
	06 15 13 00-0070	SF 5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....	44.36	7.74
	06 15 13 00-0071	SF 2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....	47.63	8.36
	06 15 13 00-0072	SF 2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System .....	45.93	7.94
06 15 13 00-0073		<b>2" x 8" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0074	SF 5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....	47.49	8.36
	06 15 13 00-0075	SF 5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....	45.76	7.94
	06 15 13 00-0076	SF 2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....	49.13	8.57
	06 15 13 00-0077	SF 2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System .....	47.40	8.15
06 15 13 00-0078		<b>2" x 10" Joists, Pressure Treated Wood Ramp System</b> <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0079	SF 5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....	48.97	8.56
	06 15 13 00-0080	SF 5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....	47.21	8.14
	06 15 13 00-0081	SF 2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....	50.65	8.79
	06 15 13 00-0082	SF 2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System .....	48.89	8.34
06 15 13 00-0083		<b>Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>		
06 15 13 00-0084		<b>2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>		
	06 15 13 00-0085	SF 5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	48.33	8.15
	06 15 13 00-0086	SF 5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.73	7.74
	06 15 13 00-0087	SF 2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	50.47	8.36
	06 15 13 00-0088	SF 2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	48.61	7.94
06 15 13 00-0089		<b>2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>		
	06 15 13 00-0090	SF 5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	49.90	8.36
	06 15 13 00-0091	SF 5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.28	7.94
	06 15 13 00-0092	SF 2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	52.15	8.57
	06 15 13 00-0093	SF 2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	50.24	8.15

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 15 13 00-0094		<b>2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0083)</small>			
06 15 13 00-0095	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	52.77		8.56
06 15 13 00-0096	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.11		8.14
06 15 13 00-0097	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	55.18		8.79
06 15 13 00-0098	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	53.75		8.34
06 15 13 00-0099		<b>Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>			
06 15 13 00-0100		<b>2" x 6" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0099)</small>			
06 15 13 00-0101	SF	5/4" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	47.30		8.15
06 15 13 00-0102	SF	5/4" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	45.66		7.74
06 15 13 00-0103	SF	2" x 4" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	49.31		8.36
06 15 13 00-0104	SF	2" x 6" Cypress Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	47.43		7.94
06 15 13 00-0105		<b>2" x 8" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0099)</small>			
06 15 13 00-0106	SF	5/4" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.81		8.36
06 15 13 00-0107	SF	5/4" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	47.14		7.94
06 15 13 00-0108	SF	2" x 4" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	50.92		8.57
06 15 13 00-0109	SF	2" x 6" Cypress Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.99		8.15
06 15 13 00-0110		<b>2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0099)</small>			
06 15 13 00-0111	SF	5/4" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.38		8.56
06 15 13 00-0112	SF	5/4" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	49.75		8.14
06 15 13 00-0113	SF	2" x 4" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	53.72		8.79
06 15 13 00-0114	SF	2" x 6" Cypress Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	52.21		8.34
06 15 13 00-0115		<b>Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0066)</small>			
06 15 13 00-0116		<b>2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>			
06 15 13 00-0117	SF	5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.86		8.15
06 15 13 00-0118	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	45.20		7.74
06 15 13 00-0119	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	48.50		8.36
06 15 13 00-0120	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.84		7.94
06 15 13 00-0121		<b>2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>			
06 15 13 00-0122	SF	5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.34		8.36
06 15 13 00-0123	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	46.65		7.94
06 15 13 00-0124	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	50.05		8.57
06 15 13 00-0125	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.36		8.15
06 15 13 00-0126		<b>2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System</b> <small>(06 15 13 00-0115)</small>			
06 15 13 00-0127	SF	5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	49.90		8.56
06 15 13 00-0128	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	48.16		8.14
06 15 13 00-0129	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.64		8.79
06 15 13 00-0130	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	49.92		8.34
06 15 13 00-0131		<b>Wood Stair Systems</b> <small>(06 15 13)</small>			
		Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.			
06 15 13 00-0132		<b>Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0131)</small>			
06 15 13 00-0133		<b>2" x 10" Joists, Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0132)</small>			
06 15 13 00-0134	RSR	3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	124.00		20.06
06 15 13 00-0135	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	120.70		19.05
06 15 13 00-0136	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	127.78		20.58
06 15 13 00-0137	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	123.90		19.55
06 15 13 00-0138	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.22		21.07
06 15 13 00-0139	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	126.74		20.02
06 15 13 00-0140	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	134.17		21.60
06 15 13 00-0141	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	130.09		20.52
06 15 13 00-0142	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	136.58		22.12
06 15 13 00-0143	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.93		21.00
06 15 13 00-0144	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	140.74		22.69
06 15 13 00-0145	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	136.44		21.54
06 15 13 00-0146	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	144.89		23.23
06 15 13 00-0147	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.14		22.05
06 15 13 00-0148	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	149.31		23.82
06 15 13 00-0149	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	144.87		22.63



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0150	<b>2" x 12" Joists, Pressure Treated Wood Stair System</b> <small>(06 15 13 00-0132)</small>		
06 15 13 00-0151	RSR 3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	126.69	20.56
06 15 13 00-0152	RSR 3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	122.84	19.54
06 15 13 00-0153	RSR 3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	130.68	21.09
06 15 13 00-0154	RSR 3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	126.76	20.04
06 15 13 00-0155	RSR 3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	133.04	21.59
06 15 13 00-0156	RSR 3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	129.00	20.51
06 15 13 00-0157	RSR 3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	137.21	22.14
06 15 13 00-0158	RSR 3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	133.10	21.02
06 15 13 00-0159	RSR 4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	139.55	22.67
06 15 13 00-0160	RSR 4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	135.31	21.53
06 15 13 00-0161	RSR 4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	143.93	23.25
06 15 13 00-0162	RSR 4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	139.61	22.09
06 15 13 00-0163	RSR 5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	148.02	23.81
06 15 13 00-0164	RSR 5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	143.62	22.61
06 15 13 00-0165	RSR 5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	152.69	24.41
06 15 13 00-0166	RSR 5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	148.20	23.19
06 15 13 00-0167	<b>Redwood With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0131)</small>		
06 15 13 00-0168	<b>2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0167)</small>		
06 15 13 00-0169	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	137.39	20.06
06 15 13 00-0170	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	133.97	19.05
06 15 13 00-0171	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	142.01	20.58
06 15 13 00-0172	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	138.55	19.55
06 15 13 00-0173	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	144.28	21.07
06 15 13 00-0174	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	140.68	20.02
06 15 13 00-0175	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	149.12	21.60
06 15 13 00-0176	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	145.47	20.52
06 15 13 00-0177	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	151.28	22.12
06 15 13 00-0178	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	147.50	21.00
06 15 13 00-0179	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	156.35	22.69
06 15 13 00-0180	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	152.52	21.54
06 15 13 00-0181	RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	161.06	23.23
06 15 13 00-0182	RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	157.16	22.05
06 15 13 00-0183	RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	166.48	23.82
06 15 13 00-0184	RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	162.56	22.63
06 15 13 00-0185	<b>2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0167)</small>		
06 15 13 00-0186	RSR 3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	136.14	20.56
06 15 13 00-0187	RSR 3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	132.62	19.54
06 15 13 00-0188	RSR 3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	140.51	21.09
06 15 13 00-0189	RSR 3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	137.06	20.04
06 15 13 00-0190	RSR 3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	142.96	21.59
06 15 13 00-0191	RSR 3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	139.27	20.51
06 15 13 00-0192	RSR 3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	147.54	22.14
06 15 13 00-0193	RSR 3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	143.91	21.02
06 15 13 00-0194	RSR 4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	149.92	22.67
06 15 13 00-0195	RSR 4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	146.04	21.53
06 15 13 00-0196	RSR 4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	154.72	23.25
06 15 13 00-0197	RSR 4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	150.90	22.09
06 15 13 00-0198	RSR 5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	159.42	23.81
06 15 13 00-0199	RSR 5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	155.43	22.61
06 15 13 00-0200	RSR 5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	164.56	24.41
06 15 13 00-0201	RSR 5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	160.62	23.19
06 15 13 00-0202	<b>Cypress With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0131)</small>		
06 15 13 00-0203	<b>2" x 10" Joists, Cypress With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0202)</small>		
06 15 13 00-0204	RSR 3' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	132.71	20.06
06 15 13 00-0205	RSR 3' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	129.14	19.05
06 15 13 00-0206	RSR 3' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	137.09	20.58
06 15 13 00-0207	RSR 3' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	133.45	19.55
06 15 13 00-0208	RSR 3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	139.36	21.07
06 15 13 00-0209	RSR 3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	135.61	20.02
06 15 13 00-0210	RSR 3'-6" Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	143.95	21.60
06 15 13 00-0211	RSR 3'-6" Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	140.11	20.52
06 15 13 00-0212	RSR 4' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	146.14	22.12
06 15 13 00-0213	RSR 4' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	142.20	21.00
06 15 13 00-0214	RSR 4' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	150.95	22.69
06 15 13 00-0215	RSR 4' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	146.92	21.54
06 15 13 00-0216	RSR 5' Wide, 5/4" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	155.40	23.23
06 15 13 00-0217	RSR 5' Wide, 5/4" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	151.33	22.05
06 15 13 00-0218	RSR 5' Wide, 2" x 4" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	160.54	23.82
06 15 13 00-0219	RSR 5' Wide, 2" x 6" Cypress Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	156.40	22.63



**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 15 Wood Decking**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0220			<b>2" x 12" Joists, Cypress With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0202)</small>		
06 15 13 00-0221	RSR		3' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	131.89	20.56
06 15 13 00-0222	RSR		3' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	128.23	19.54
06 15 13 00-0223	RSR		3' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	136.05	21.09
06 15 13 00-0224	RSR		3' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	132.41	20.04
06 15 13 00-0225	RSR		3'-6" Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.50	21.59
06 15 13 00-0226	RSR		3'-6" Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	134.66	20.51
06 15 13 00-0227	RSR		3'-6" Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	142.85	22.14
06 15 13 00-0228	RSR		3'-6" Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	139.02	21.02
06 15 13 00-0229	RSR		4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	145.26	22.67
06 15 13 00-0230	RSR		4' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	141.23	21.53
06 15 13 00-0231	RSR		4' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	149.82	23.25
06 15 13 00-0232	RSR		4' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	145.80	22.09
06 15 13 00-0233	RSR		4' Wide, 5/4" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	154.29	23.81
06 15 13 00-0234	RSR		5' Wide, 5/4" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	150.13	22.61
06 15 13 00-0235	RSR		5' Wide, 2" x 4" Cypress Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	159.17	24.41
06 15 13 00-0236	RSR		5' Wide, 2" x 6" Cypress Decking With 2" x 12" Pressure Treated Joists.....	155.01	23.19
06 15 13 00-0237			<b>Cedar With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0131)</small>		
06 15 13 00-0238			<b>2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0237)</small>		
06 15 13 00-0239	RSR		3' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	127.34	20.06
06 15 13 00-0240	RSR		3' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	124.24	19.05
06 15 13 00-0241	RSR		3' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	131.29	20.58
06 15 13 00-0242	RSR		3' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	127.54	19.55
06 15 13 00-0243	RSR		3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	133.73	21.07
06 15 13 00-0244	RSR		3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	130.46	20.02
06 15 13 00-0245	RSR		3'-6" Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	137.85	21.60
06 15 13 00-0246	RSR		3'-6" Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	133.91	20.52
06 15 13 00-0247	RSR		4' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	140.25	22.12
06 15 13 00-0248	RSR		4' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	136.82	21.00
06 15 13 00-0249	RSR		4' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	144.58	22.69
06 15 13 00-0250	RSR		4' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	140.44	21.54
06 15 13 00-0251	RSR		5' Wide, 5/4" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	148.92	23.23
06 15 13 00-0252	RSR		5' Wide, 5/4" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	145.41	22.05
06 15 13 00-0253	RSR		5' Wide, 2" x 4" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	153.54	23.82
06 15 13 00-0254	RSR		5' Wide, 2" x 6" Cedar Decking With 2" x 10" Pressure Treated Joists, Wood Stair System .....	149.27	22.63
06 15 13 00-0255			<b>2" x 12" Joists, Cedar With Pressure Treated Joists, Wood Stair System</b> <small>(06 15 13 00-0237)</small>		
06 15 13 00-0256	RSR		3' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	130.07	20.56
06 15 13 00-0257	RSR		3' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	126.36	19.54
06 15 13 00-0258	RSR		3' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	134.23	21.09
06 15 13 00-0259	RSR		3' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	130.47	20.04
06 15 13 00-0260	RSR		3'-6" Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	136.59	21.59
06 15 13 00-0261	RSR		3'-6" Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	132.69	20.51
06 15 13 00-0262	RSR		3'-6" Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	140.95	22.14
06 15 13 00-0263	RSR		3'-6" Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	136.98	21.02
06 15 13 00-0264	RSR		4' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	143.26	22.67
06 15 13 00-0265	RSR		4' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	139.17	21.53
06 15 13 00-0266	RSR		4' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	147.83	23.25
06 15 13 00-0267	RSR		4' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	143.67	22.09
06 15 13 00-0268	RSR		5' Wide, 5/4" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	152.09	23.81
06 15 13 00-0269	RSR		5' Wide, 5/4" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	147.87	22.61
06 15 13 00-0270	RSR		5' Wide, 2" x 4" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	156.98	24.41
06 15 13 00-0271	RSR		5' Wide, 2" x 6" Cedar Decking With 2" x 12" Pressure Treated Joists, Wood Stair System .....	152.67	23.19
06 15 13 00-0272			<b>Wood Deck And Ramp Systems Repairs</b> <small>(06 15 13)</small> Note: Includes removal of material and screws. Excludes anchors and bolts.		
06 15 13 00-0273			<b>Deck Joist Or Girt</b> <small>(06 15 13 00-0272)</small> See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.		
06 15 13 00-0274			<b>Deck Boards</b> <small>(06 15 13 00-0272)</small> See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.		
06 15 13 00-0275	LF		5/4" x 4" Round Edge Pressure Treated Deck Boards.....	2.39	0.92
06 15 13 00-0276	LF		5/4" x 6" Round Edge Pressure Treated Deck Boards.....	2.62	1.09
06 15 13 00-0277	LF		2" x 4" Round Edge Pressure Treated Deck Boards.....	2.49	1.09
06 15 13 00-0278	LF		2" x 6" Round Edge Pressure Treated Deck Boards.....	3.32	1.26
06 15 13 00-0279	LF		2" x 8" Round Edge Pressure Treated Deck Boards.....	4.26	1.51
06 15 13 00-0280	LF		2" x 10" Round Edge Pressure Treated Deck Boards.....	5.23	1.85
06 15 13 00-0281	LF		2" x 12" Round Edge Pressure Treated Deck Boards.....	6.47	2.18
06 15 13 00-0282	LF		2" x 4" Round Edge Cedar Deck Boards .....	2.62	1.09
06 15 13 00-0283	LF		2" x 6" Round Edge Cedar Deck Boards .....	3.37	1.26
06 15 13 00-0284	LF		2" x 4" Round Edge Redwood Deck Boards .....	2.85	1.09
06 15 13 00-0285	LF		2" x 6" Round Edge Redwood Deck Boards .....	3.72	1.26



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

06 15 13 00-0286	Deck Posts <small>(06 15 13 00-0272)</small> See CSI section 06 11 16 00-0094 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.		
06 15 13 00-0287	Deck Railing And Pickets <small>(06 15 13 00-0272)</small> See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0288	LF 2" x 4" Pressure Treated Deck Railing.....	2.49	1.09
06 15 13 00-0289	LF 2" x 2" Pressure Treated Deck Railing Picket.....	1.66	0.84
06 15 13 00-0290	LF 2" x 4" Cedar Deck Railing.....	2.62	1.09
06 15 13 00-0291	LF 2" x 2" Cedar Deck Railing Picket.....	1.98	0.84
06 15 13 00-0292	LF 2" x 4" Redwood Deck Railing.....	2.85	1.09
06 15 13 00-0293	LF 2" x 2" Redwood Deck Railing Picket.....	2.16	0.84

**06 16 Sheathing** (06 10)

**06 16 23 Subflooring** (06 16)

**06 16 23 00-0001 Board Type Subflooring** (06 16 23)

06 16 23 00-0002	SF 1" x 8" Regular Surface Board Type Subfloor..... Note: 4 Sides Laid In A Regular Pattern. <i>For Water Resistant Coating Or Treatment, Add</i> <i>For Foil Backing, Add</i> <i>For Tongue And Groove, Add</i>	3.47	0.95
		0.08	
		0.13	
		0.09	
06 16 23 00-0003	SF 1" x 8" Diagonal Surface Board Type Subfloor..... Note: 4 Sides Laid In A Diagonal Pattern. <i>For Water Resistant Coating Or Treatment, Add</i> <i>For Foil Backing, Add</i> <i>For Tongue And Groove, Add</i>	3.87	1.20
		0.08	
		0.13	
		0.09	
06 16 23 00-0004	SF 1" x 10" Regular Surface Board Type Subfloor..... Note: 4 sides laid in a regular pattern. <i>For Water Resistant Coating Or Treatment, Add</i> <i>For Foil Backing, Add</i> <i>For Tongue And Groove, Add</i>	3.33	0.84
		0.08	
		0.14	
		0.10	
06 16 23 00-0005	SF 1" x 10" Diagonal Surface Board Type Subfloor..... Note: 4 sides laid in a diagonal pattern. <i>For Water Resistant Coating Or Treatment, Add</i> <i>For Foil Backing, Add</i> <i>For Tongue And Groove, Add</i>	3.61	0.95
		0.08	
		0.14	
		0.10	

**06 16 33 Wood Board Sheathing** (06 16)

**06 16 33 00-0001 Plywood** (06 16 33)

**06 16 33 00-0002 Roof Decking** (06 16 33 00-0001)

06 16 33 00-0003	SF 3/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> <i>For Exterior CC Grade Plywood, Add</i> <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> <i>For ACQ Preservative Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> <i>For Fire Retardant Treatment, Add</i> <i>For &gt;1,696 To 3,200, Deduct</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	2.06	0.60
		0.28	
		0.10	
		0.28	
		0.31	
		2.12	
		0.51	
		-0.04	
		-0.06	
		-0.11	
		-0.15	
06 16 33 00-0004	SF 1/2" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> <i>For Exterior CC Grade Plywood, Add</i> <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> <i>For ACQ Preservative Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> <i>For Fire Retardant Treatment, Add</i> <i>For &gt;1,696 To 3,200, Deduct</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i>	2.33	0.72
		0.31	
		0.12	
		0.31	
		0.38	
		2.31	
		0.62	
		-0.05	
		-0.07	
		-0.13	
		-0.17	
06 16 33 00-0005	SF 5/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> <i>For Exterior CC Grade Plywood, Add</i> <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> <i>For ACQ Preservative Treatment, Add</i> <i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> <i>For Fire Retardant Treatment, Add</i> <i>For &gt;1,696 To 3,200, Deduct</i> <i>For &gt;3,200 To 6,400, Deduct</i> <i>For &gt;6,400 To 12,800, Deduct</i> <i>For &gt;12,800, Deduct</i> <i>For Tongue And Groove, Add</i>	2.62	0.72
		0.33	
		0.15	
		0.33	
		0.47	
		2.48	
		0.77	
		-0.06	
		-0.09	
		-0.15	
		-0.20	
		0.07	



<b>06</b>	<b>06</b>	<b>Wood, Plastics, and Composites</b>
	<b>06 10</b>	<b>Rough Carpentry</b>
	<b>06 16</b>	<b>Sheathing</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking .....	2.92	0.84
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.36	
		For Exterior CC Grade Plywood, Add	0.17	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36	
		For ACQ Preservative Treatment, Add	0.54	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.69	
		For Fire Retardant Treatment, Add	0.89	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.10	
		For >6,400 To 12,800, Deduct	-0.17	
		For >12,800, Deduct	-0.23	
		For Tongue And Groove, Add	0.08	
<b>06 16 33 00-0007</b>		<b>Wall Sheathing</b> <small>(06 16 33 00-0007)</small>		
06 16 33 00-0008	SF	1/4" Interior BC Plywood Wall Sheathing.....	2.43	0.84
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.36	
		For Exterior CC Grade Plywood, Add	0.10	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36	
		For Ceiling Installation, Add	0.18	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.69	
		For Fire Retardant Treatment, Add	0.51	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.06	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.17	
06 16 33 00-0009	SF	5/16" Interior BC Plywood Wall Sheathing.....	2.46	0.84
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.36	
		For Exterior CC Grade Plywood, Add	0.10	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36	
		For Ceiling Installation, Add	0.18	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.69	
		For Fire Retardant Treatment, Add	0.53	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.06	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.17	
06 16 33 00-0010	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.52	0.95
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.36	
		For Exterior CC Grade Plywood, Add	0.11	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36	
		For Ceiling Installation, Add	0.18	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.69	
		For Fire Retardant Treatment, Add	0.58	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.07	
		For >6,400 To 12,800, Deduct	-0.13	
		For >12,800, Deduct	-0.18	
06 16 33 00-0011	SF	1/2" Interior BC Plywood Wall Sheathing.....	2.83	0.95
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.38	
		For Exterior CC Grade Plywood, Add	0.14	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.38	
		For Ceiling Installation, Add	0.19	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.87	
		For Fire Retardant Treatment, Add	0.73	
		For >1,696 To 3,200, Deduct	-0.06	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.15	
		For >12,800, Deduct	-0.21	
06 16 33 00-0012	SF	5/8" Interior BC Plywood Wall Sheathing.....	3.16	1.08
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.41	
		For Exterior CC Grade Plywood, Add	0.17	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.41	
		For Ceiling Installation, Add	0.21	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.08	
		For Fire Retardant Treatment, Add	0.88	
		For >1,696 To 3,200, Deduct	-0.07	
		For >3,200 To 6,400, Deduct	-0.10	
		For >6,400 To 12,800, Deduct	-0.17	
		For >12,800, Deduct	-0.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0013 SF 3/4" Interior BC Plywood Wall Sheathing.....	3.48	1.20
Note: Applied to wall studs.		
<i>For Shear Wall Construction, Add</i>	0.44	
<i>For Exterior CC Grade Plywood, Add</i>	0.19	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.44	
<i>For Ceiling Installation, Add</i>	0.22	
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	3.32	
<i>For Fire Retardant Treatment, Add</i>	1.00	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.08	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.11	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.19	
<i>For &gt;12,800, Deduct</i>	-0.26	
<b>06 16 33 00-0014 Floor Decking</b> <small>(06 16 33 00-0001)</small>		
Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0015 SF 5/16" CD Grade Plywood Floor Decking.....	1.83	0.72
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	2.03	
<i>For Fire Retardant Treatment, Add</i>	0.38	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.03	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.04	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.09	
<i>For &gt;12,800, Deduct</i>	-0.13	
<i>For ACQ Preservative Treatment, Add</i>	0.23	
<i>For Fir Plywood, Add</i>	0.09	
<i>For BC Grade Plywood, Add</i>	0.07	
<i>For Exterior Glue, Add</i>	0.04	
<i>For Marine Grade, Add</i>	0.38	
06 16 33 00-0016 SF 3/8" CD Grade Plywood Floor Decking.....	1.95	0.72
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	2.13	
<i>For Fire Retardant Treatment, Add</i>	0.42	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.03	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.05	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.09	
<i>For &gt;12,800, Deduct</i>	-0.13	
<i>For ACQ Preservative Treatment, Add</i>	0.25	
<i>For Fir Plywood, Add</i>	0.10	
<i>For BC Grade Plywood, Add</i>	0.08	
<i>For Exterior Glue, Add</i>	0.05	
<i>For Marine Grade, Add</i>	0.41	
06 16 33 00-0017 SF 1/2" CD Grade Plywood Floor Decking.....	2.19	0.72
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	2.24	
<i>For Fire Retardant Treatment, Add</i>	0.55	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.04	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.06	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.11	
<i>For &gt;12,800, Deduct</i>	-0.16	
<i>For ACQ Preservative Treatment, Add</i>	0.34	
<i>For Fir Plywood, Add</i>	0.13	
<i>For BC Grade Plywood, Add</i>	0.10	
<i>For Exterior Glue, Add</i>	0.07	
<i>For Marine Grade, Add</i>	0.55	
06 16 33 00-0018 SF 5/8" CD Grade Plywood Floor Decking.....	2.47	0.72
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	2.45	
<i>For Fire Retardant Treatment, Add</i>	0.66	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.05	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.08	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.13	
<i>For &gt;12,800, Deduct</i>	-0.18	
<i>For ACQ Preservative Treatment, Add</i>	0.40	
<i>For Fir Plywood, Add</i>	0.16	
<i>For BC Grade Plywood, Add</i>	0.12	
<i>For Exterior Glue, Add</i>	0.08	
<i>For Marine Grade, Add</i>	0.66	
06 16 33 00-0019 SF 3/4" CD Grade Plywood Floor Decking.....	2.80	0.72
Note: Applied to floor or joists.		
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i>	2.58	
<i>For Fire Retardant Treatment, Add</i>	0.85	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.06	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.10	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.16	
<i>For &gt;12,800, Deduct</i>	-0.22	
<i>For ACQ Preservative Treatment, Add</i>	0.52	
<i>For Fir Plywood, Add</i>	0.20	
<i>For BC Grade Plywood, Add</i>	0.16	
<i>For Exterior Glue, Add</i>	0.10	
<i>For Marine Grade, Add</i>	0.85	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 16 Sheathing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 16 33 00-0020	SF 1-1/8" CD Grade Plywood Floor Decking.....	4.11	1.08
	Note: Applied to floor or joists.		
	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.09	
	For Fire Retardant Treatment, Add	1.62	
	For >1,696 To 3,200, Deduct	-0.12	
	For >3,200 To 6,400, Deduct	-0.18	
	For >6,400 To 12,800, Deduct	-0.28	
	For >12,800, Deduct	-0.35	
	For ACQ Preservative Treatment, Add	0.98	
	For Fir Plywood, Add	0.38	
	For BC Grade Plywood, Add	0.30	
	For Exterior Glue, Add	0.19	
	For Marine Grade, Add	1.61	
06 16 33 00-0021	SF 1/2" AC Fir Plywood Floor Decking.....	2.61	0.72
	Note: Applied to floor or joists.		
	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24	
	For Fire Retardant Treatment, Add	0.88	
	For >1,696 To 3,200, Deduct	-0.07	
	For >3,200 To 6,400, Deduct	-0.10	
	For >6,400 To 12,800, Deduct	-0.16	
	For >12,800, Deduct	-0.21	
	For ACQ Preservative Treatment, Add	0.54	
	For Exterior Glue, Add	0.10	
	For Marine Grade, Add	0.88	
	For Tongue And Groove, Add	0.08	
06 16 33 00-0022	SF 5/8" AC Fir Plywood Floor Decking.....	2.94	0.72
	Note: Applied to floor or joists.		
	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45	
	For Fire Retardant Treatment, Add	1.03	
	For >1,696 To 3,200, Deduct	-0.08	
	For >3,200 To 6,400, Deduct	-0.12	
	For >6,400 To 12,800, Deduct	-0.18	
	For >12,800, Deduct	-0.24	
	For ACQ Preservative Treatment, Add	0.63	
	For Exterior Glue, Add	0.12	
	For Marine Grade, Add	1.03	
	For Tongue And Groove, Add	0.09	
06 16 33 00-0023	SF 3/4" AC Fir Plywood Floor Decking.....	3.14	0.72
	Note: Applied to floor or joists.		
	For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.58	
	For Fire Retardant Treatment, Add	1.12	
	For >1,696 To 3,200, Deduct	-0.09	
	For >3,200 To 6,400, Deduct	-0.13	
	For >6,400 To 12,800, Deduct	-0.20	
	For >12,800, Deduct	-0.26	
	For ACQ Preservative Treatment, Add	0.68	
	For Exterior Glue, Add	0.13	
	For Marine Grade, Add	1.11	
	For Tongue And Groove, Add	0.10	
06 16 33 00-0024	<b>Underlayment Grade</b> <small>(06 16 33 00-0001)</small>		
	Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0025	SF 1/4" Thick Plywood Underlayment BC Grade.....	1.95	0.72
	For Fire Retardant Treatment, Add	0.45	
	For >1,696 To 3,200, Deduct	-0.03	
	For >3,200 To 6,400, Deduct	-0.05	
	For >6,400 To 12,800, Deduct	-0.09	
	For >12,800, Deduct	-0.14	
06 16 33 00-0026	SF 3/8" Thick Plywood Underlayment BC Grade.....	2.09	0.72
	For Fire Retardant Treatment, Add	0.50	
	For >1,696 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.09	
	For >12,800, Deduct	-0.15	
06 16 33 00-0027	SF 1/2" Thick Plywood Underlayment BC Grade.....	2.16	0.84
	For Fire Retardant Treatment, Add	0.54	
	For >1,696 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.10	
	For >12,800, Deduct	-0.16	
06 16 33 00-0028	SF 5/8" Thick Plywood Underlayment BC Grade.....	2.46	0.84
	For Fire Retardant Treatment, Add	0.64	
	For >1,696 To 3,200, Deduct	-0.05	
	For >3,200 To 6,400, Deduct	-0.07	
	For >6,400 To 12,800, Deduct	-0.11	
	For >12,800, Deduct	-0.18	
	For Tongue And Groove, Add	0.06	
06 16 33 00-0029	SF 3/4" Thick Plywood Underlayment BC Grade.....	2.63	0.84
	For Fire Retardant Treatment, Add	0.77	
	For >1,696 To 3,200, Deduct	-0.06	
	For >3,200 To 6,400, Deduct	-0.09	
	For >6,400 To 12,800, Deduct	-0.13	
	For >12,800, Deduct	-0.20	
	For Tongue And Groove, Add	0.07	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
06 16 33 00-0030 SF 1-1/8" Thick Plywood Underlayment BC Grade .....	3.35	0.95
For Fire Retardant Treatment, Add	1.18	
For >1,696 To 3,200, Deduct	-0.09	
For >3,200 To 6,400, Deduct	-0.13	
For >6,400 To 12,800, Deduct	-0.18	
For >12,800, Deduct	-0.27	
For Tongue And Groove, Add	0.10	
06 16 33 00-0031 SF 3/8" Thick CDX Plywood Underlayment Grade .....	2.22	0.72
For Fire Retardant Treatment, Add	0.60	
For >1,696 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.07	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.16	
06 16 33 00-0032 SF 5/8" Thick CDX Plywood Underlayment Grade .....	2.79	0.84
For Fire Retardant Treatment, Add	0.92	
For >1,696 To 3,200, Deduct	-0.07	
For >3,200 To 6,400, Deduct	-0.10	
For >6,400 To 12,800, Deduct	-0.15	
For >12,800, Deduct	-0.22	
<b>06 16 33 00-0033 Oriented Strand Board</b> <small>(06 16 33)</small>		
<b>06 16 33 00-0034 On Roof</b> <small>(06 16 33 00-0033)</small>		
06 16 33 00-0035 SF 3/8" Thick Structural Oriented Strand Board (OSB) On Roof .....	1.81	0.72
For >1,408 To 3,200, Deduct	-0.02	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.08	
For >12,800, Deduct	-0.12	
For Fire Retardant Treatment, Add	0.32	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.12	
06 16 33 00-0036 SF 1/2" Thick Structural Oriented Strand Board (OSB) On Roof .....	2.01	0.72
For >1,408 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.09	
For >12,800, Deduct	-0.13	
For Fire Retardant Treatment, Add	0.37	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.31	
06 16 33 00-0037 SF 5/8" Thick Structural Oriented Strand Board (OSB) On Roof .....	2.32	0.84
For >1,408 To 3,200, Deduct	-0.04	
For >3,200 To 6,400, Deduct	-0.06	
For >6,400 To 12,800, Deduct	-0.11	
For >12,800, Deduct	-0.16	
For Fire Retardant Treatment, Add	0.53	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.48	
06 16 33 00-0038 SF 3/4" Thick Structural Oriented Strand Board (OSB) On Roof .....	2.69	0.84
For >1,408 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.08	
For >6,400 To 12,800, Deduct	-0.14	
For >12,800, Deduct	-0.20	
For Fire Retardant Treatment, Add	0.71	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.69	
<b>06 16 33 00-0039 On Walls</b> <small>(06 16 33 00-0033)</small>		
06 16 33 00-0040 SF 3/8" Thick Structural Oriented Strand Board (OSB) On Walls .....	2.19	0.84
For >1,408 To 3,200, Deduct	-0.02	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.09	
For >12,800, Deduct	-0.14	
For Fire Retardant Treatment, Add	0.32	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.69	
06 16 33 00-0041 SF 1/2" Thick Structural Oriented Strand Board (OSB) On Walls .....	2.38	0.95
For >1,408 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.15	
For Fire Retardant Treatment, Add	0.37	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.87	
06 16 33 00-0042 SF 5/8" Thick Structural Oriented Strand Board (OSB) On Walls .....	2.72	1.08
For >1,408 To 3,200, Deduct	-0.04	
For >3,200 To 6,400, Deduct	-0.06	
For >6,400 To 12,800, Deduct	-0.12	
For >12,800, Deduct	-0.18	
For Fire Retardant Treatment, Add	0.53	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	3.08	
06 16 33 00-0043 SF 3/4" Thick Structural Oriented Strand Board (OSB) On Walls .....	3.11	1.08
For >1,408 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.08	
For >6,400 To 12,800, Deduct	-0.15	
For >12,800, Deduct	-0.22	
For Fire Retardant Treatment, Add	0.71	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	3.32	

<b>06</b>	<b>06 Wood, Plastics, and Composites</b>
	<b>06 10 Rough Carpentry</b>
	<b>06 16 Sheathing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>06 16 33 00-0044</b>	<b>On Floors</b> <small>(06 16 33 00-0033)</small>		
	Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0045	SF 3/8" Thick Structural Oriented Strand Board (OSB) On Floors .....	1.84	0.72
	For >1,408 To 3,200, Deduct	-0.02	
	For >3,200 To 6,400, Deduct	-0.04	
	For >6,400 To 12,800, Deduct	-0.08	
	For >12,800, Deduct	-0.12	
	For Fire Retardant Treatment, Add	0.32	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.16	
06 16 33 00-0046	SF 1/2" Thick Structural Oriented Strand Board (OSB) On Floors .....	2.19	0.84
	For >1,408 To 3,200, Deduct	-0.03	
	For >3,200 To 6,400, Deduct	-0.04	
	For >6,400 To 12,800, Deduct	-0.09	
	For >12,800, Deduct	-0.14	
	For Fire Retardant Treatment, Add	0.37	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.58	
06 16 33 00-0047	SF 5/8" Thick Structural Oriented Strand Board (OSB) On Floors .....	2.55	0.95
	For >1,408 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.12	
	For >12,800, Deduct	-0.17	
	For Fire Retardant Treatment, Add	0.53	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.82	
06 16 33 00-0048	SF 3/4" Thick Structural Oriented Strand Board (OSB) On Floors .....	2.95	1.08
	For >1,408 To 3,200, Deduct	-0.05	
	For >3,200 To 6,400, Deduct	-0.08	
	For >6,400 To 12,800, Deduct	-0.15	
	For >12,800, Deduct	-0.21	
	For Fire Retardant Treatment, Add	0.71	
	For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	3.08	

<b>06 16 33 00-0049</b>	<b>Particle Board</b> <small>(06 16 33)</small>		
<b>06 16 33 00-0050</b>	<b>Particle Board Floor Decking</b> <small>(06 16 33 00-0049)</small>		
	Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0051	SF 3/8" Particle Board Floor Decking .....	2.05	0.60
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.51	
	For >1,536 To 3,200, Deduct	-0.04	
	For >3,200 To 6,400, Deduct	-0.06	
	For >6,400 To 12,800, Deduct	-0.11	
	For >12,800, Deduct	-0.15	
	For Tongue And Groove, Add	0.04	
06 16 33 00-0052	SF 1/2" Particle Board Floor Decking .....	2.36	0.60
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.69	
	For >1,536 To 3,200, Deduct	-0.05	
	For >3,200 To 6,400, Deduct	-0.08	
	For >6,400 To 12,800, Deduct	-0.13	
	For >12,800, Deduct	-0.18	
	For Tongue And Groove, Add	0.06	
06 16 33 00-0053	SF 5/8" Particle Board Floor Decking .....	2.66	0.72
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	0.86	
	For >1,536 To 3,200, Deduct	-0.07	
	For >3,200 To 6,400, Deduct	-0.10	
	For >6,400 To 12,800, Deduct	-0.16	
	For >12,800, Deduct	-0.21	
	For Tongue And Groove, Add	0.08	
06 16 33 00-0054	SF 3/4" Particle Board Floor Decking .....	2.95	0.72
	Note: Applied to plywood subfloor.		
	For Fire Retardant Treatment Add	1.01	
	For >1,536 To 3,200, Deduct	-0.08	
	For >3,200 To 6,400, Deduct	-0.12	
	For >6,400 To 12,800, Deduct	-0.18	
	For >12,800, Deduct	-0.24	
	For Tongue And Groove, Add	0.09	

<b>06 16 43</b>	<b>Gypsum Sheathing</b> <small>(06 16)</small>		
<b>06 16 43 00-0001</b>	<b>Exterior Gypsum Sheathing</b> <small>(06 16 43)</small>		
	Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002	SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold) .....	2.92	0.95
	For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add	2.87	
	For Application To Metal Studs, Joists, Or Rafters, Add	0.38	
	For Ceiling Installation, Add	0.19	
	For >1,696 To 3,200, Deduct	-0.06	
	For >3,200 To 6,400, Deduct	-0.09	
	For >6,400 To 12,800, Deduct	-0.16	
	For >12,800, Deduct	-0.22	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 43 00-0003 SF 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold).....	3.15	1.20
<i>For Selective Replacement &lt;400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add</i>	3.08	
<i>For Application To Metal Studs, Joists, Or Rafters, Add</i>	0.41	
<i>For Ceiling Installation, Add</i>	0.21	
<i>For &gt;1,696 To 3,200, Deduct</i>	-0.07	
<i>For &gt;3,200 To 6,400, Deduct</i>	-0.10	
<i>For &gt;6,400 To 12,800, Deduct</i>	-0.17	
<i>For &gt;12,800, Deduct</i>	-0.23	

**06 17 Shop-Fabricated Structural Wood** (06 10)

**06 17 13 Laminated Veneer Lumber** (06 17)

06 17 13 00-0001 Laminated Veneer Lumber (LVL) <small>(06 17 13)</small>		
06 17 13 00-0002 LF 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL) .....	7.54	2.07
06 17 13 00-0003 LF 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL) .....	8.21	2.10
06 17 13 00-0004 LF 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL) .....	8.98	2.14
06 17 13 00-0005 LF 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL) .....	9.96	2.17
06 17 13 00-0006 LF 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL) .....	10.69	2.21
06 17 13 00-0007 LF 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL) .....	11.75	2.28
06 17 13 00-0008 LF 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL) .....	13.22	2.32
06 17 13 00-0009 LF 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL) .....	17.90	2.64

**06 17 23 Parallel Strand Lumber** (06 17)

06 17 23 00-0001 Laminated Strand Lumber (LSL) <small>(06 17 23)</small>		
06 17 23 00-0002 LF 2" x 4" Laminated Strand Lumber (LSL) .....	2.60	0.95
06 17 23 00-0003 LF 2" x 6" Laminated Strand Lumber (LSL) .....	3.43	1.01

**06 17 33 Wood I-Joists** (06 17)

06 17 33 00-0001 Prefabricated Wood I-Joists <small>(06 17 33)</small>		
06 17 33 00-0002 LF 9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	4.56	1.28
<i>For I-Joists 30' To 40' In Length, Add</i>	0.56	
<i>For I-Joists &gt;40' In Length, Add</i>	1.38	
06 17 33 00-0003 LF 11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length .....	4.92	1.43
<i>For I-Joists 30' To 40' In Length, Add</i>	0.63	
<i>For I-Joists &gt;40' In Length, Add</i>	1.54	
06 17 33 00-0004 LF 14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	5.74	1.60
<i>For I-Joists 30' To 40' In Length, Add</i>	0.70	
<i>For I-Joists &gt;40' In Length, Add</i>	1.73	
06 17 33 00-0005 LF 16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length.....	6.48	1.78
<i>For I-Joists 30' To 40' In Length, Add</i>	0.79	
<i>For I-Joists &gt;40' In Length, Add</i>	1.93	

**06 17 43 Rim Boards** (06 17)

06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board <small>(06 17 43)</small>		
06 17 43 00-0002 LF 1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board.....	6.28	2.14
06 17 43 00-0003 LF 1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board.....	6.81	2.17
06 17 43 00-0004 LF 1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board.....	7.43	2.21

**06 17 53 Shop-Fabricated Wood Trusses** (06 17)

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

06 17 53 00-0001 Pre-Assembled Wood Roof Trusses <small>(06 17 53)</small>		
<i>Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords &gt;42'.</i>		
06 17 53 00-0002 EA 10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	186.54	74.83
<i>For Up To 15, Add</i>	2.77	
<i>For &gt;35, Deduct</i>	-1.84	
<i>For 3 In 12 Slope, Add</i>	1.11	
<i>For 5 In 12 Slope, Add</i>	2.95	
<i>For 6 In 12 Slope, Add</i>	5.53	
<i>For 7 In 12 Slope, Add</i>	7.38	
<i>For 8 In 12 Slope, Add</i>	8.85	
06 17 53 00-0003 EA 12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	206.99	81.95
<i>For Up To 15, Add</i>	3.23	
<i>For &gt;35, Deduct</i>	-2.15	
<i>For 3 In 12 Slope, Add</i>	1.29	
<i>For 5 In 12 Slope, Add</i>	3.45	
<i>For 6 In 12 Slope, Add</i>	6.46	
<i>For 7 In 12 Slope, Add</i>	8.61	
<i>For 8 In 12 Slope, Add</i>	10.34	



**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0004	EA		14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	229.99	89.09
			For Up To 15, Add	3.89	
			For >35, Deduct	-2.59	
			For 3 In 12 Slope, Add	1.55	
			For 5 In 12 Slope, Add	4.15	
			For 6 In 12 Slope, Add	7.77	
			For 7 In 12 Slope, Add	10.37	
			For 8 In 12 Slope, Add	12.44	
06 17 53 00-0005	EA		16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	259.77	96.21
			For Up To 15, Add	5.05	
			For >35, Deduct	-3.37	
			For 3 In 12 Slope, Add	2.02	
			For 5 In 12 Slope, Add	5.39	
			For 6 In 12 Slope, Add	10.10	
			For 7 In 12 Slope, Add	13.47	
			For 8 In 12 Slope, Add	16.16	
06 17 53 00-0006	EA		18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	285.66	103.34
			For Up To 15, Add	5.92	
			For >35, Deduct	-3.95	
			For 3 In 12 Slope, Add	2.37	
			For 5 In 12 Slope, Add	6.32	
			For 6 In 12 Slope, Add	11.85	
			For 7 In 12 Slope, Add	15.80	
			For 8 In 12 Slope, Add	18.96	
06 17 53 00-0007	EA		20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	301.80	114.03
			For Up To 15, Add	5.53	
			For >35, Deduct	-3.69	
			For 3 In 12 Slope, Add	2.21	
			For 5 In 12 Slope, Add	5.90	
			For 6 In 12 Slope, Add	11.06	
			For 7 In 12 Slope, Add	14.75	
			For 8 In 12 Slope, Add	17.70	
06 17 53 00-0008	EA		22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	318.22	181.73
			For Up To 15, Add	5.69	
			For >35, Deduct	-3.80	
			For 3 In 12 Slope, Add	2.28	
			For 5 In 12 Slope, Add	6.07	
			For 6 In 12 Slope, Add	11.39	
			For 7 In 12 Slope, Add	15.18	
			For 8 In 12 Slope, Add	18.22	
06 17 53 00-0009	EA		24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	338.90	128.29
			For Up To 15, Add	6.18	
			For >35, Deduct	-4.12	
			For 3 In 12 Slope, Add	2.47	
			For 5 In 12 Slope, Add	6.59	
			For 6 In 12 Slope, Add	12.35	
			For 7 In 12 Slope, Add	16.47	
			For 8 In 12 Slope, Add	19.76	
06 17 53 00-0010	EA		26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	360.29	203.11
			For Up To 15, Add	6.71	
			For >35, Deduct	-4.47	
			For 3 In 12 Slope, Add	2.68	
			For 5 In 12 Slope, Add	7.16	
			For 6 In 12 Slope, Add	13.42	
			For 7 In 12 Slope, Add	17.89	
			For 8 In 12 Slope, Add	21.47	
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	382.60	142.53
			For Up To 15, Add	7.31	
			For >35, Deduct	-4.88	
			For 3 In 12 Slope, Add	2.93	
			For 5 In 12 Slope, Add	7.80	
			For 6 In 12 Slope, Add	14.63	
			For 7 In 12 Slope, Add	19.51	
			For 8 In 12 Slope, Add	23.41	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	399.96	224.50
			For Up To 15, Add	7.55	
			For >35, Deduct	-5.03	
			For 3 In 12 Slope, Add	3.02	
			For 5 In 12 Slope, Add	8.05	
			For 6 In 12 Slope, Add	15.09	
			For 7 In 12 Slope, Add	20.13	
			For 8 In 12 Slope, Add	24.15	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	417.13	153.22
			For Up To 15, Add	8.30	
			For >35, Deduct	-5.53	
			For 3 In 12 Slope, Add	3.32	
			For 5 In 12 Slope, Add	8.85	
			For 6 In 12 Slope, Add	16.60	
			For 7 In 12 Slope, Add	22.14	
			For 8 In 12 Slope, Add	26.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0014 EA 34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	453.43	240.60
For Up To 15, Add	9.95	
For >35, Deduct	-6.64	
For 3 In 12 Slope, Add	3.98	
For 5 In 12 Slope, Add	10.62	
For 6 In 12 Slope, Add	19.91	
For 7 In 12 Slope, Add	26.54	
For 8 In 12 Slope, Add	31.85	
06 17 53 00-0015 EA 36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	470.99	163.92
For Up To 15, Add	10.74	
For >35, Deduct	-7.16	
For 3 In 12 Slope, Add	4.29	
For 5 In 12 Slope, Add	11.45	
For 6 In 12 Slope, Add	21.47	
For 7 In 12 Slope, Add	28.63	
For 8 In 12 Slope, Add	34.36	
06 17 53 00-0016 EA 38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	495.02	256.56
For Up To 15, Add	11.47	
For >35, Deduct	-7.65	
For 3 In 12 Slope, Add	4.59	
For 5 In 12 Slope, Add	12.24	
For 6 In 12 Slope, Add	22.94	
For 7 In 12 Slope, Add	30.59	
For 8 In 12 Slope, Add	36.71	
06 17 53 00-0017 EA 40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	512.56	178.16
For Up To 15, Add	11.72	
For >35, Deduct	-7.81	
For 3 In 12 Slope, Add	4.69	
For 5 In 12 Slope, Add	12.50	
For 6 In 12 Slope, Add	23.43	
For 7 In 12 Slope, Add	31.24	
For 8 In 12 Slope, Add	37.49	
06 17 53 00-0018 EA 42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	559.83	277.94
For Up To 15, Add	14.19	
For >35, Deduct	-9.46	
For 3 In 12 Slope, Add	5.68	
For 5 In 12 Slope, Add	15.14	
For 6 In 12 Slope, Add	28.39	
For 7 In 12 Slope, Add	37.85	
For 8 In 12 Slope, Add	45.42	
06 17 53 00-0019 EA 44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	606.23	192.42
For Up To 15, Add	16.60	
For >35, Deduct	-11.07	
For 3 In 12 Slope, Add	6.64	
For 5 In 12 Slope, Add	17.71	
For 6 In 12 Slope, Add	33.21	
For 7 In 12 Slope, Add	44.28	
For 8 In 12 Slope, Add	53.13	
06 17 53 00-0020 EA 46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	627.60	199.55
For Up To 15, Add	17.14	
For >35, Deduct	-11.43	
For 3 In 12 Slope, Add	6.86	
For 5 In 12 Slope, Add	18.28	
For 6 In 12 Slope, Add	34.28	
For 7 In 12 Slope, Add	45.70	
For 8 In 12 Slope, Add	54.84	
06 17 53 00-0021 EA 48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	657.62	206.67
For Up To 15, Add	18.32	
For >35, Deduct	-12.21	
For 3 In 12 Slope, Add	7.33	
For 5 In 12 Slope, Add	19.54	
For 6 In 12 Slope, Add	36.64	
For 7 In 12 Slope, Add	48.85	
For 8 In 12 Slope, Add	58.62	
06 17 53 00-0022 EA 50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	740.28	213.81
For Up To 15, Add	23.45	
For >35, Deduct	-15.63	
For 3 In 12 Slope, Add	9.38	
For 5 In 12 Slope, Add	25.01	
For 6 In 12 Slope, Add	46.90	
For 7 In 12 Slope, Add	62.54	
For 8 In 12 Slope, Add	75.04	
06 17 53 00-0023 EA 52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	707.26	192.28
For Up To 15, Add	20.97	
For >35, Deduct	-13.98	
For 3 In 12 Slope, Add	8.39	
For 5 In 12 Slope, Add	22.37	
For 6 In 12 Slope, Add	41.95	
For 7 In 12 Slope, Add	55.93	
For 8 In 12 Slope, Add	67.12	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	742.14	224.50
			<i>For Up To 15, Add</i>	21.99	
			<i>For &gt;35, Deduct</i>	-14.66	
			<i>For 3 In 12 Slope, Add</i>	8.79	
			<i>For 5 In 12 Slope, Add</i>	23.45	
			<i>For 6 In 12 Slope, Add</i>	43.97	
			<i>For 7 In 12 Slope, Add</i>	58.63	
			<i>For 8 In 12 Slope, Add</i>	70.36	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	770.81	208.10
			<i>For Up To 15, Add</i>	23.07	
			<i>For &gt;35, Deduct</i>	-15.38	
			<i>For 3 In 12 Slope, Add</i>	9.23	
			<i>For 5 In 12 Slope, Add</i>	24.61	
			<i>For 6 In 12 Slope, Add</i>	46.14	
			<i>For 7 In 12 Slope, Add</i>	61.51	
			<i>For 8 In 12 Slope, Add</i>	73.82	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	795.02	235.18
			<i>For Up To 15, Add</i>	24.35	
			<i>For &gt;35, Deduct</i>	-16.23	
			<i>For 3 In 12 Slope, Add</i>	9.74	
			<i>For 5 In 12 Slope, Add</i>	25.97	
			<i>For 6 In 12 Slope, Add</i>	48.70	
			<i>For 7 In 12 Slope, Add</i>	64.93	
			<i>For 8 In 12 Slope, Add</i>	77.92	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	810.94	238.75
			<i>For Up To 15, Add</i>	25.01	
			<i>For &gt;35, Deduct</i>	-16.67	
			<i>For 3 In 12 Slope, Add</i>	10.00	
			<i>For 5 In 12 Slope, Add</i>	26.68	
			<i>For 6 In 12 Slope, Add</i>	50.02	
			<i>For 7 In 12 Slope, Add</i>	66.69	
			<i>For 8 In 12 Slope, Add</i>	80.03	
06 17 53 00-0028			<b>Pre-Assembled Wood Gable End Roof Trusses</b> <small>(06 17 53)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	191.23	74.83
			<i>For 3 In 12 Slope, Add</i>	1.25	
			<i>For 5 In 12 Slope, Add</i>	3.33	
			<i>For 6 In 12 Slope, Add</i>	6.24	
			<i>For 7 In 12 Slope, Add</i>	8.31	
			<i>For 8 In 12 Slope, Add</i>	9.98	
			<i>For 16" On Center Gable Studs, Add</i>	8.31	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	212.47	81.95
			<i>For 3 In 12 Slope, Add</i>	1.46	
			<i>For 5 In 12 Slope, Add</i>	3.88	
			<i>For 6 In 12 Slope, Add</i>	7.28	
			<i>For 7 In 12 Slope, Add</i>	9.71	
			<i>For 8 In 12 Slope, Add</i>	11.65	
			<i>For 16" On Center Gable Studs, Add</i>	9.71	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	236.58	89.09
			<i>For 3 In 12 Slope, Add</i>	1.75	
			<i>For 5 In 12 Slope, Add</i>	4.67	
			<i>For 6 In 12 Slope, Add</i>	8.76	
			<i>For 7 In 12 Slope, Add</i>	11.68	
			<i>For 8 In 12 Slope, Add</i>	14.02	
			<i>For 16" On Center Gable Studs, Add</i>	11.68	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	268.34	96.21
			<i>For 3 In 12 Slope, Add</i>	2.28	
			<i>For 5 In 12 Slope, Add</i>	6.07	
			<i>For 6 In 12 Slope, Add</i>	11.39	
			<i>For 7 In 12 Slope, Add</i>	15.18	
			<i>For 8 In 12 Slope, Add</i>	18.22	
			<i>For 16" On Center Gable Studs, Add</i>	15.18	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	295.70	103.34
			<i>For 3 In 12 Slope, Add</i>	2.67	
			<i>For 5 In 12 Slope, Add</i>	7.12	
			<i>For 6 In 12 Slope, Add</i>	13.35	
			<i>For 7 In 12 Slope, Add</i>	17.81	
			<i>For 8 In 12 Slope, Add</i>	21.37	
			<i>For 16" On Center Gable Studs, Add</i>	17.81	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	321.73	114.03
			<i>For 3 In 12 Slope, Add</i>	2.81	
			<i>For 5 In 12 Slope, Add</i>	7.49	
			<i>For 6 In 12 Slope, Add</i>	14.05	
			<i>For 7 In 12 Slope, Add</i>	18.74	
			<i>For 8 In 12 Slope, Add</i>	22.48	
			<i>For 16" On Center Gable Studs, Add</i>	18.74	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	338.72	121.15
			<i>For 3 In 12 Slope, Add</i>	2.89	
			<i>For 5 In 12 Slope, Add</i>	7.71	
			<i>For 6 In 12 Slope, Add</i>	14.46	
			<i>For 7 In 12 Slope, Add</i>	19.28	
			<i>For 8 In 12 Slope, Add</i>	23.14	
			<i>For 16" On Center Gable Studs, Add</i>	19.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0036 EA 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	361.14	128.29
<i>For 3 In 12 Slope, Add</i>	3.14	
<i>For 5 In 12 Slope, Add</i>	8.37	
<i>For 6 In 12 Slope, Add</i>	15.69	
<i>For 7 In 12 Slope, Add</i>	20.92	
<i>For 8 In 12 Slope, Add</i>	25.10	
<i>For 16" On Center Gable Studs, Add</i>	20.92	
06 17 53 00-0037 EA 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	384.45	135.41
<i>For 3 In 12 Slope, Add</i>	3.41	
<i>For 5 In 12 Slope, Add</i>	9.09	
<i>For 6 In 12 Slope, Add</i>	17.04	
<i>For 7 In 12 Slope, Add</i>	22.73	
<i>For 8 In 12 Slope, Add</i>	27.27	
<i>For 16" On Center Gable Studs, Add</i>	22.73	
06 17 53 00-0038 EA 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	408.95	142.53
<i>For 3 In 12 Slope, Add</i>	3.72	
<i>For 5 In 12 Slope, Add</i>	9.91	
<i>For 6 In 12 Slope, Add</i>	18.58	
<i>For 7 In 12 Slope, Add</i>	24.78	
<i>For 8 In 12 Slope, Add</i>	29.73	
<i>For 16" On Center Gable Studs, Add</i>	24.78	
06 17 53 00-0039 EA 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	428.23	149.66
<i>For 3 In 12 Slope, Add</i>	3.87	
<i>For 5 In 12 Slope, Add</i>	10.31	
<i>For 6 In 12 Slope, Add</i>	19.34	
<i>For 7 In 12 Slope, Add</i>	25.78	
<i>For 8 In 12 Slope, Add</i>	30.94	
<i>For 16" On Center Gable Studs, Add</i>	25.78	
06 17 53 00-0040 EA 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	448.24	153.22
<i>For 3 In 12 Slope, Add</i>	4.25	
<i>For 5 In 12 Slope, Add</i>	11.34	
<i>For 6 In 12 Slope, Add</i>	21.27	
<i>For 7 In 12 Slope, Add</i>	28.36	
<i>For 8 In 12 Slope, Add</i>	34.03	
<i>For 16" On Center Gable Studs, Add</i>	28.36	
06 17 53 00-0041 EA 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	490.71	160.35
<i>For 3 In 12 Slope, Add</i>	5.10	
<i>For 5 In 12 Slope, Add</i>	13.60	
<i>For 6 In 12 Slope, Add</i>	25.50	
<i>For 7 In 12 Slope, Add</i>	34.00	
<i>For 8 In 12 Slope, Add</i>	40.80	
<i>For 16" On Center Gable Studs, Add</i>	34.00	
06 17 53 00-0042 EA 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	511.23	163.92
<i>For 3 In 12 Slope, Add</i>	5.50	
<i>For 5 In 12 Slope, Add</i>	14.67	
<i>For 6 In 12 Slope, Add</i>	27.51	
<i>For 7 In 12 Slope, Add</i>	36.68	
<i>For 8 In 12 Slope, Add</i>	44.02	
<i>For 16" On Center Gable Studs, Add</i>	36.68	
06 17 53 00-0043 EA 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	537.99	171.04
<i>For 3 In 12 Slope, Add</i>	5.88	
<i>For 5 In 12 Slope, Add</i>	15.67	
<i>For 6 In 12 Slope, Add</i>	29.39	
<i>For 7 In 12 Slope, Add</i>	39.18	
<i>For 8 In 12 Slope, Add</i>	47.02	
<i>For 16" On Center Gable Studs, Add</i>	39.18	
06 17 53 00-0044 EA 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	569.06	178.16
<i>For 3 In 12 Slope, Add</i>	6.38	
<i>For 5 In 12 Slope, Add</i>	17.02	
<i>For 6 In 12 Slope, Add</i>	31.91	
<i>For 7 In 12 Slope, Add</i>	42.54	
<i>For 8 In 12 Slope, Add</i>	51.05	
<i>For 16" On Center Gable Studs, Add</i>	42.54	
06 17 53 00-0045 EA 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	628.29	185.30
<i>For 3 In 12 Slope, Add</i>	7.73	
<i>For 5 In 12 Slope, Add</i>	20.62	
<i>For 6 In 12 Slope, Add</i>	38.66	
<i>For 7 In 12 Slope, Add</i>	51.54	
<i>For 8 In 12 Slope, Add</i>	61.85	
<i>For 16" On Center Gable Studs, Add</i>	51.54	
06 17 53 00-0046 EA 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	686.31	192.42
<i>For 3 In 12 Slope, Add</i>	9.04	
<i>For 5 In 12 Slope, Add</i>	24.12	
<i>For 6 In 12 Slope, Add</i>	45.22	
<i>For 7 In 12 Slope, Add</i>	60.29	
<i>For 8 In 12 Slope, Add</i>	72.35	
<i>For 16" On Center Gable Studs, Add</i>	60.29	
06 17 53 00-0047 EA 46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	710.26	199.55
<i>For 3 In 12 Slope, Add</i>	9.34	
<i>For 5 In 12 Slope, Add</i>	24.89	
<i>For 6 In 12 Slope, Add</i>	46.68	
<i>For 7 In 12 Slope, Add</i>	62.23	
<i>For 8 In 12 Slope, Add</i>	74.68	
<i>For 16" On Center Gable Studs, Add</i>	62.23	

**06 Wood, Plastics, and Composites****06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0048	EA		48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	745.97	206.67
			<i>For 3 In 12 Slope, Add</i>	9.98	
			<i>For 5 In 12 Slope, Add</i>	26.61	
			<i>For 6 In 12 Slope, Add</i>	49.89	
			<i>For 7 In 12 Slope, Add</i>	66.52	
			<i>For 8 In 12 Slope, Add</i>	79.83	
			<i>For 16" On Center Gable Studs, Add</i>	66.52	
06 17 53 00-0049	EA		50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	809.27	213.81
			<i>For 3 In 12 Slope, Add</i>	11.45	
			<i>For 5 In 12 Slope, Add</i>	30.53	
			<i>For 6 In 12 Slope, Add</i>	57.25	
			<i>For 7 In 12 Slope, Add</i>	76.33	
			<i>For 8 In 12 Slope, Add</i>	91.60	
			<i>For 16" On Center Gable Studs, Add</i>	76.33	
06 17 53 00-0050	EA		52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	828.62	220.93
			<i>For 3 In 12 Slope, Add</i>	11.60	
			<i>For 5 In 12 Slope, Add</i>	30.94	
			<i>For 6 In 12 Slope, Add</i>	58.01	
			<i>For 7 In 12 Slope, Add</i>	77.35	
			<i>For 8 In 12 Slope, Add</i>	92.82	
			<i>For 16" On Center Gable Studs, Add</i>	77.35	
06 17 53 00-0051	EA		54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	854.43	224.50
			<i>For 3 In 12 Slope, Add</i>	12.16	
			<i>For 5 In 12 Slope, Add</i>	32.44	
			<i>For 6 In 12 Slope, Add</i>	60.82	
			<i>For 7 In 12 Slope, Add</i>	81.09	
			<i>For 8 In 12 Slope, Add</i>	97.31	
			<i>For 16" On Center Gable Studs, Add</i>	81.09	
06 17 53 00-0052	EA		56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	888.61	231.62
			<i>For 3 In 12 Slope, Add</i>	12.76	
			<i>For 5 In 12 Slope, Add</i>	34.03	
			<i>For 6 In 12 Slope, Add</i>	63.81	
			<i>For 7 In 12 Slope, Add</i>	85.07	
			<i>For 8 In 12 Slope, Add</i>	102.09	
			<i>For 16" On Center Gable Studs, Add</i>	85.07	
06 17 53 00-0053	EA		58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	919.35	235.18
			<i>For 3 In 12 Slope, Add</i>	13.47	
			<i>For 5 In 12 Slope, Add</i>	35.92	
			<i>For 6 In 12 Slope, Add</i>	67.35	
			<i>For 7 In 12 Slope, Add</i>	89.80	
			<i>For 8 In 12 Slope, Add</i>	107.76	
			<i>For 16" On Center Gable Studs, Add</i>	89.80	
06 17 53 00-0054	EA		60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	938.64	238.75
			<i>For 3 In 12 Slope, Add</i>	13.83	
			<i>For 5 In 12 Slope, Add</i>	36.89	
			<i>For 6 In 12 Slope, Add</i>	69.17	
			<i>For 7 In 12 Slope, Add</i>	92.23	
			<i>For 8 In 12 Slope, Add</i>	110.68	
			<i>For 16" On Center Gable Studs, Add</i>	92.23	

**06 18 Glued-Laminated Construction** (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF		3-1/2" x 6" Glue Laminated Straight Beam .....	9.57	3.22
06 18 13 00-0003	LF		3-1/2" x 7-1/2" Glue Laminated Straight Beam .....	11.95	4.02
06 18 13 00-0004	LF		3-1/2" x 9" Glue Laminated Straight Beam .....	14.35	4.83
06 18 13 00-0005	LF		3-1/2" x 9-1/2" Glue Laminated Straight Beam .....	15.14	5.10
06 18 13 00-0006	LF		3-1/2" x 10-1/2" Glue Laminated Straight Beam .....	16.73	5.63
06 18 13 00-0007	LF		3-1/2" x 12" Glue Laminated Straight Beam .....	19.12	6.44
06 18 13 00-0008	LF		3-1/2" x 13-1/2" Glue Laminated Straight Beam .....	21.51	7.24
06 18 13 00-0009	LF		3-1/2" x 14" Glue Laminated Straight Beam .....	22.31	7.51
06 18 13 00-0010	LF		3-1/2" x 15" Glue Laminated Straight Beam .....	23.91	8.05
06 18 13 00-0011	LF		3-1/2" x 16" Glue Laminated Straight Beam .....	25.49	8.59
06 18 13 00-0012	LF		3-1/2" x 16-1/2" Glue Laminated Straight Beam .....	26.30	8.86
06 18 13 00-0013	LF		3-1/2" x 18" Glue Laminated Straight Beam .....	28.68	9.66
06 18 13 00-0014	LF		3-1/2" x 19-1/2" Glue Laminated Straight Beam .....	31.07	10.47
06 18 13 00-0015	LF		3-1/2" x 21" Glue Laminated Straight Beam .....	33.45	11.28
06 18 13 00-0016	LF		3-1/2" x 22.5" Glue Laminated Straight Beam .....	35.87	12.08
06 18 13 00-0017	LF		5-1/2" x 6" Glue Laminated Straight Beam .....	15.03	5.06
06 18 13 00-0018	LF		5-1/2" x 7-1/2" Glue Laminated Straight Beam .....	18.78	6.33
06 18 13 00-0019	LF		5-1/2" x 9" Glue Laminated Straight Beam .....	22.53	7.59
06 18 13 00-0020	LF		5-1/2" x 9-1/2" Glue Laminated Straight Beam .....	23.79	8.02
06 18 13 00-0021	LF		5-1/2" x 10-1/2" Glue Laminated Straight Beam .....	26.30	8.86
06 18 13 00-0022	LF		5-1/2" x 12" Glue Laminated Straight Beam .....	30.05	10.12
06 18 13 00-0023	LF		5-1/2" x 13-1/2" Glue Laminated Straight Beam .....	33.80	11.39
06 18 13 00-0024	LF		5-1/2" x 14" Glue Laminated Straight Beam .....	35.06	11.81
06 18 13 00-0025	LF		5-1/2" x 15" Glue Laminated Straight Beam .....	37.56	12.65
06 18 13 00-0026	LF		5-1/2" x 16" Glue Laminated Straight Beam .....	40.06	13.49
06 18 13 00-0027	LF		5-1/2" x 16-1/2" Glue Laminated Straight Beam .....	41.33	13.92
06 18 13 00-0028	LF		5-1/2" x 18" Glue Laminated Straight Beam .....	45.09	15.18
06 18 13 00-0029	LF		5-1/2" x 19-1/2" Glue Laminated Straight Beam .....	48.84	16.45



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0030 LF 5-1/2" x 21" Glue Laminated Straight Beam .....	52.59	17.71
06 18 13 00-0031 LF 5-1/2" x 22.5" Glue Laminated Straight Beam .....	56.36	18.98
06 18 13 00-0032 LF 5-1/2" x 24" Glue Laminated Straight Beam .....	60.11	20.24
06 18 13 00-0033 LF 6-3/4" x 9" Glue Laminated Straight Beam .....	27.67	9.31
06 18 13 00-0034 LF 6-3/4" x 9-1/2" Glue Laminated Straight Beam .....	29.20	9.83
06 18 13 00-0035 LF 6-3/4" x 10-1/2" Glue Laminated Straight Beam .....	32.27	10.87
06 18 13 00-0036 LF 6-3/4" x 12" Glue Laminated Straight Beam .....	36.88	12.42
06 18 13 00-0037 LF 6-3/4" x 13-1/2" Glue Laminated Straight Beam .....	41.50	13.98
06 18 13 00-0038 LF 6-3/4" x 14" Glue Laminated Straight Beam .....	43.02	14.50
06 18 13 00-0039 LF 6-3/4" x 15" Glue Laminated Straight Beam .....	46.11	15.53
06 18 13 00-0040 LF 6-3/4" x 16" Glue Laminated Straight Beam .....	49.18	16.55
06 18 13 00-0041 LF 6-3/4" x 16-1/2" Glue Laminated Straight Beam .....	50.71	17.07
06 18 13 00-0042 LF 6-3/4" x 18" Glue Laminated Straight Beam .....	55.32	18.63
06 18 13 00-0043 LF 6-3/4" x 19-1/2" Glue Laminated Straight Beam .....	59.93	20.19
06 18 13 00-0044 LF 6-3/4" x 21" Glue Laminated Straight Beam .....	64.55	21.73
06 18 13 00-0045 LF 6-3/4" x 22.5" Glue Laminated Straight Beam .....	69.14	23.29
06 18 13 00-0046 LF 6-3/4" x 24" Glue Laminated Straight Beam .....	73.76	24.85
06 18 13 00-0047 LF 8-3/4" x 9" Glue Laminated Straight Beam .....	35.87	12.08
06 18 13 00-0048 LF 8-3/4" x 9-1/2" Glue Laminated Straight Beam .....	37.84	12.75
06 18 13 00-0049 LF 8-3/4" x 10-1/2" Glue Laminated Straight Beam .....	41.83	14.09
06 18 13 00-0050 LF 8-3/4" x 12" Glue Laminated Straight Beam .....	47.80	16.10
06 18 13 00-0051 LF 8-3/4" x 13-1/2" Glue Laminated Straight Beam .....	53.79	18.11
06 18 13 00-0052 LF 8-3/4" x 14" Glue Laminated Straight Beam .....	55.77	18.79
06 18 13 00-0053 LF 8-3/4" x 15" Glue Laminated Straight Beam .....	59.76	20.12
06 18 13 00-0054 LF 8-3/4" x 16" Glue Laminated Straight Beam .....	63.74	21.47
06 18 13 00-0055 LF 8-3/4" x 16-1/2" Glue Laminated Straight Beam .....	65.74	22.14
06 18 13 00-0056 LF 8-3/4" x 18" Glue Laminated Straight Beam .....	71.72	24.15
06 18 13 00-0057 LF 8-3/4" x 19-1/2" Glue Laminated Straight Beam .....	77.70	26.16
06 18 13 00-0058 LF 8-3/4" x 21" Glue Laminated Straight Beam .....	83.67	28.18
06 18 13 00-0059 LF 8-3/4" x 22.5" Glue Laminated Straight Beam .....	89.64	30.19
06 18 13 00-0060 LF 8-3/4" x 24" Glue Laminated Straight Beam .....	95.62	32.20
<b>06 18 13 00-0061</b> Glue Laminated Decking <small>(06 18 13)</small>		
06 18 13 00-0062 LF 2" - 4" Thick x 4" Wide Glue Laminated Decking .....	4.92	2.04
06 18 13 00-0063 LF 2" - 4" Thick x 6" Wide Glue Laminated Decking .....	5.08	2.04
06 18 13 00-0064 LF 2" - 4" Thick x 8" Wide Glue Laminated Decking .....	5.24	1.93
<b>06 18 16</b> Glued-Laminated Columns <small>(06 18)</small>		
<b>06 18 16 00-0001</b> Glue Laminated Structural Units <small>(06 18 16)</small>		
Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002 LF 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column .....	14.19	4.19
06 18 16 00-0003 LF 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....	16.00	4.65
06 18 16 00-0004 LF 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column .....	30.29	9.93
06 18 16 00-0005 LF 5-1/4" x 13" Glue Laminated Purlin Or Column .....	33.19	10.41
<b>06 20</b> Finish Carpentry <small>(06)</small>		
<b>06 22</b> Millwork <small>(06 20)</small>		
<b>06 22 13</b> Standard Pattern Wood Trim <small>(06 22)</small>		
<b>06 22 13 00-0001</b> Pine Moldings (All Dimensions Are Nominal) <small>(06 22 13)</small>		
06 22 13 00-0002 LF 1/4" x 1-1/4" Wood Lattice Strip .....	3.37	1.19
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	0.44	
06 22 13 00-0003 LF 1/4" x 1-5/8" Wood Lattice Strip .....	3.54	0.96
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	0.44	
06 22 13 00-0004 LF 1/4" x 2-1/2" Wood Lattice Strip .....	4.48	0.96
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	0.44	
06 22 13 00-0005 LF 1/4" x 3-1/2" Wood Lattice Strip .....	5.03	0.96
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	0.44	
06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) <small>(06 22 13)</small>		
<b>06 22 13 00-0007</b> White Pine <small>(06 22 13 00-0006)</small>		
06 22 13 00-0008 LF 9/16" x 3-5/8" White Pine Crown Or Bed Molding .....	15.81	4.17
For Birch, Add		
	3.55	
For Mahogany, Oak, Maple Or Walnut, Add		
	5.03	
For Poplar, Add		
	1.97	
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	1.37	
For Stain Grade Material (No Finger Joints), Add		
	1.28	
06 22 13 00-0009 LF 11/16" x 4-5/8" White Pine Crown Or Bed Molding .....	21.20	4.99
For Birch, Add		
	5.07	
For Mahogany, Oak, Maple Or Walnut, Add		
	7.04	
For Poplar, Add		
	2.81	
For Curved Surfaces With A 2'-0" Maximum Radius, Add		
	1.64	
For Stain Grade Material (No Finger Joints), Add		
	1.83	



**06 Wood, Plastics, and Composites****06 20 Finish Carpentry****06 22 Millwork**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 22 13 00-0010	LF	3/4" x 3/4" White Pine Crown Or Bed Molding	7.70		2.86
		<i>For Birch, Add</i>	1.06		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.80		
		<i>For Poplar, Add</i>	0.59		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.38		
06 22 13 00-0011	LF	9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.76		2.86
		<i>For Birch, Add</i>	1.44		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.28		
		<i>For Poplar, Add</i>	0.80		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.52		
06 22 13 00-0012	LF	9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.50		3.57
		<i>For Birch, Add</i>	2.00		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.09		
		<i>For Poplar, Add</i>	1.11		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.37		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.72		
06 22 13 00-0013	LF	3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.26		3.57
		<i>For Birch, Add</i>	2.63		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.88		
		<i>For Poplar, Add</i>	1.46		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.37		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.95		
06 22 13 00-0014	LF	5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.47		4.29
		<i>For Birch, Add</i>	3.36		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	4.92		
		<i>For Poplar, Add</i>	1.87		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.64		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	1.21		
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding	7.97		3.33
		<i>For Birch, Add</i>	1.16		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.92		
		<i>For Poplar, Add</i>	0.64		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.09		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.42		
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.73		2.50
		<i>For Birch, Add</i>	1.14		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.78		
		<i>For Poplar, Add</i>	0.63		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.41		
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.11		2.50
		<i>For Birch, Add</i>	2.35		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.30		
		<i>For Poplar, Add</i>	1.31		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.82		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.85		
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.97		1.43
		<i>For Birch, Add</i>	0.54		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.92		
		<i>For Poplar, Add</i>	0.30		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.19		
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.35		1.43
		<i>For Birch, Add</i>	0.67		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.09		
		<i>For Poplar, Add</i>	0.37		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.57		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.24		
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.81		1.78
		<i>For Birch, Add</i>	1.02		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.57		
		<i>For Poplar, Add</i>	0.57		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.37		
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.81		1.78
		<i>For Birch, Add</i>	1.02		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.57		
		<i>For Poplar, Add</i>	0.57		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.37		
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.52		1.78
		<i>For Birch, Add</i>	1.63		
		<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.34		
		<i>For Poplar, Add</i>	0.91		
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.69		
		<i>For Stain Grade Material (No Finger Joints), Add</i>	0.59		
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	48.78		2.14
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98		
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	61.75		2.14
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98		

06 22 13 00-0025 Cedar Trim (06 22 13 00-0006)



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
06 22 13 00-0026 LF 2" x 4" Cedar Ceiling Trim..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.44 1.98	5.99
<b>06 22 13 00-0027 Oak Trim</b> <small>(06 22 13 00-0006)</small>		
06 22 13 00-0028 LF 1" x 8" Clear Oak Ceiling Trim ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.97 1.84	5.52
<b>06 22 13 00-0029 Closet Poles</b> <small>(06 22 13)</small>		
06 22 13 00-0030 LF 1-1/8" Diameter Pine Closet Poles .....	11.74	3.09
06 22 13 00-0031 LF 1-5/8" Diameter Pine Closet Poles .....	14.27	3.09
06 22 13 00-0032 LF 2" Diameter Pine Closet Poles.....	19.48	3.45

**06 25 Prefinished Paneling** (06 20)

**06 25 16 Prefinished Plywood Paneling** (06 25)

06 25 16 00-0001 Hardboard Panels (06 25 16)  
Note: Excludes furring and trim.

06 25 16 00-0002 Tempered Hardboard Panels (06 25 16 00-0001)

06 25 16 00-0003 SF 1/4" Tempered Hardboard Panels .....	6.60	2.15
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.47	
<i>For Glue Laminated Installation, Add</i>	0.33	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.63	
<i>For 1/2" Thick Paneling, Add</i>	1.51	
<i>For 5/8" Thick Paneling, Add</i>	1.86	
<i>For 3/4" Thick Paneling, Add</i>	2.32	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.34	
06 25 16 00-0004 SF 1/4" Plastic Faced Tempered Hardboard Panels.....	7.30	2.64
<i>For Waterproof Glue, Add</i>	0.11	
<i>For Ceiling Installation, Add</i>	1.72	
<i>For Glue Laminated Installation, Add</i>	0.37	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.66	
<i>For 1/2" Thick Paneling, Add</i>	1.53	
<i>For 5/8" Thick Paneling, Add</i>	1.86	
<i>For 3/4" Thick Paneling, Add</i>	2.28	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.23	
06 25 16 00-0005 SF 1/4" Pegboard Tempered Hardboard Panels.....	7.77	2.15
<i>For Waterproof Glue, Add</i>	0.20	
<i>For Ceiling Installation, Add</i>	1.47	
<i>For Glue Laminated Installation, Add</i>	0.39	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.82	
<i>For 1/2" Thick Paneling, Add</i>	2.14	
<i>For 5/8" Thick Paneling, Add</i>	2.74	
<i>For 3/4" Thick Paneling, Add</i>	3.52	
<i>For Fire Retardant Treatment (Class I), Add</i>	2.27	
06 25 16 00-0006 SF 1/4" Plastic Faced Pegboard Tempered Hardboard .....	7.65	2.64
<i>For Waterproof Glue, Add</i>	0.13	
<i>For Ceiling Installation, Add</i>	1.72	
<i>For Glue Laminated Installation, Add</i>	0.38	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.72	
<i>For 1/2" Thick Paneling, Add</i>	1.72	
<i>For 5/8" Thick Paneling, Add</i>	2.12	
<i>For 3/4" Thick Paneling, Add</i>	2.64	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.51	
<b>06 25 16 00-0007 Untempered Hardboard Panels</b> <small>(06 25 16 00-0001)</small>		
06 25 16 00-0008 SF 1/4" Untempered Hardboard Panels.....	6.24	2.15
<i>For Waterproof Glue, Add</i>	0.09	
<i>For Glue Laminated Installation, Add</i>	0.31	
<i>For Lumber Core, Add</i>	0.15	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.06	

**06 40 Architectural Woodwork** (06)

**06 41 Architectural Wood Casework** (06 40)

**06 41 13 Wood-Veneer-Faced Architectural Cabinets** (06 41)

06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)

Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0002 LF Removal And Reinstallation Of Wood Base Cabinets .....	91.03	
06 41 13 00-0003 LF Removal And Reinstallation Of Wall Cabinets.....	79.15	
06 41 13 00-0004 LF Removal And Reinstallation Of Plastic Laminated Countertops .....	18.78	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0005			<b>Wood-Veneer Faced Wall And Base Cabinets</b> <small>(06 41 13)</small> Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.		
06 41 13 00-0006			<b>Solid Maple Face Frame And Door, Wall And Base Cabinets</b> <small>(06 41 13 00-0005)</small>		
06 41 13 00-0007			<b>Base Cabinets, 35" High, 23-3/4" Deep</b> <small>(06 41 13 00-0006)</small>		
06 41 13 00-0008	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	449.06	23.79
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0009	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	478.12	29.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0010	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	500.09	35.69
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0011	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	526.47	41.64
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0012	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	600.57	47.59
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0013	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	628.25	53.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0014	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	680.23	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0015	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	716.95	65.43
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0016	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	739.24	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	136.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0017	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	844.16	95.19
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	272.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0018	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	938.42	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	272.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0019	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,042.37	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	272.01	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0020	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	985.67	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0021	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,101.15	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0022	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	455.98	23.79
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0023	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	466.59	29.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0024	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	510.47	35.69
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0025	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	543.76	41.64
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	
06 41 13 00-0026	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	567.15	47.59
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> .....	408.02	
			<i>For All Plywood Box Construction, Add</i> .....	141.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0027 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	595.98	53.54
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0028 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	983.37	59.48
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0029 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,037.37	65.43
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0030 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,090.78	71.38
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0031 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	562.01	23.79
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0032 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	573.79	29.74
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0033 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	623.42	35.69
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0034 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	663.63	41.64
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0035 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	698.54	47.59
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0036 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	734.29	53.54
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0037 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,031.78	59.48
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0038 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,091.55	65.43
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0039 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	1,153.02	71.38
<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03	
<i>For All Plywood Box Construction, Add</i>	141.77	
<b>06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep</b> <small>(06 41 13 00-0006)</small>		
06 41 13 00-0041 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	401.80	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0042 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	429.24	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0043 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	473.45	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0044 EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	505.72	77.34
<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep</b> <small>(06 41 13 00-0006)</small>		
06 41 13 00-0046 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	340.60	23.79
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0047 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	348.73	29.74
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0048 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	366.10	35.69
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0049 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	375.39	41.64
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0050 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	385.85	47.59
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0051 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	404.35	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0052 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	433.24	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0053 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	473.45	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0054 EA 39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	505.72	77.34
<i>For All Plywood Box Construction, Add</i>	76.07	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0055			<b>Wall Cabinets, 18" High, 12" Deep</b> (06 41 13 00-0006)		
06 41 13 00-0056	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	354.43	23.79
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0057	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	372.93	29.74
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0058	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	386.85	35.69
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0059	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	401.90	41.64
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0060	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	422.73	47.59
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0061	EA		27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	446.96	53.57
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0062	EA		30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	468.90	59.48
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0063	EA		33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	486.26	65.43
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0064	EA		36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	496.50	71.38
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0065			<b>Wall Cabinets, 30" High, 12" Deep</b> (06 41 13 00-0006)		
06 41 13 00-0066	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	383.90	23.79
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0067	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	418.59	29.74
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0068	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	447.24	35.69
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0069	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	481.99	41.64
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0070	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	515.63	47.59
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0071	EA		27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	566.36	53.57
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0072	EA		30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	580.23	59.48
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0073	EA		33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	633.52	65.43
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0074	EA		36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	652.20	71.38
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0075			<b>Wall Cabinets, 36" High, 12" Deep</b> (06 41 13 00-0006)		
06 41 13 00-0076	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	433.46	23.79
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0077	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	470.46	29.74
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0078	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	502.57	35.69
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0079	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	539.62	41.64
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0080	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	634.35	47.59
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0081	EA		27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	637.82	53.57
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0082	EA		30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	660.91	59.48
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0083	EA		33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	723.42	65.43
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0084	EA		36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	742.11	71.38
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0085			<b>Wall Cabinets, 42" High, 12" Deep</b> (06 41 13 00-0006)		
06 41 13 00-0086	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	485.33	23.79
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0087	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	530.40	29.74
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0088	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	564.81	35.69
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0089	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	600.71	41.64
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0090	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	655.10	47.59
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0091	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	700.07	53.57
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0092	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	736.99	59.48
			<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0093	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet .....	807.56	65.43
			<i>For All Plywood Box Construction, Add</i>	76.07	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0094 EA 36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	832.01 76.07	71.38
<b>06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep</b> <small>(06 41 13 00-0006)</small>		
06 41 13 00-0096 EA 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	460.09 76.07	59.48
06 41 13 00-0097 EA 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	494.50 76.07	65.43
06 41 13 00-0098 EA 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	531.77 76.07	71.38
06 41 13 00-0099 EA 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	575.58 76.07	77.34
06 41 13 00-0100 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	681.72 76.07	95.19
<b>06 41 13 00-0101 Utility Cabinets, 84" High</b> <small>(06 41 13 00-0006)</small>		
06 41 13 00-0102 EA 15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	877.31 281.23	52.88
06 41 13 00-0103 EA 18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	993.45 281.23	63.46
06 41 13 00-0104 EA 21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	1,117.66 281.23	497.06
06 41 13 00-0105 EA 24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	1,173.87 281.23	84.61
06 41 13 00-0106 EA 30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,424.85 281.23	105.76
06 41 13 00-0107 EA 36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,645.87 281.23	126.91
06 41 13 00-0108 EA 15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	994.87 281.23	52.88
06 41 13 00-0109 EA 18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	1,100.64 281.23	63.46
06 41 13 00-0110 EA 21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	1,258.28 281.23	74.03
06 41 13 00-0111 EA 24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	1,336.39 281.23	84.61
06 41 13 00-0112 EA 30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,663.44 281.23	105.76
06 41 13 00-0113 EA 36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,904.06 281.23	126.91
<b>06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets</b> <small>(06 41 13 00-0005)</small>		
<b>06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep</b> <small>(06 41 13 00-0114)</small>		
06 41 13 00-0116 EA 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	404.11 136.01 141.77	23.79
06 41 13 00-0117 EA 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	429.71 136.01 141.77	29.74
06 41 13 00-0118 EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	449.38 136.01 141.77	35.69
06 41 13 00-0119 EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	473.45 136.01 141.77	41.64
06 41 13 00-0120 EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	538.33 136.01 141.77	47.59
06 41 13 00-0121 EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	563.71 136.01 141.77	53.54
06 41 13 00-0122 EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	608.77 136.01 141.77	59.48
06 41 13 00-0123 EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	642.03 136.01 141.77	65.43
06 41 13 00-0124 EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	662.01 136.01 141.77	71.38



**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
06 41 13 00-0125	EA	48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	755.41		95.19
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0126	EA	30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	836.99		59.48
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0127	EA	36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	928.26		71.38
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0128	EA	30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	878.48		59.48
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0129	EA	36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	980.13		71.38
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0130	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	411.02		23.79
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0131	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	420.49		29.74
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	458.60		35.69
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	488.43		41.64
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	509.52		47.59
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	534.89		53.54
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	876.18		59.48
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	923.27		65.43
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	970.91		71.38
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0139	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	503.23		23.79
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0140	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	515.00		29.74
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0141	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	558.88		35.69
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0142	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	594.47		41.64
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0143	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	624.78		47.59
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0144	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	657.07		53.54
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0145	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	918.82		59.48
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0146	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	971.68		65.43
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0147	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet .....	1,026.23		71.38
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0148		<b>Wall Cabinets, 12" High, 12" Deep</b> (06 41 13 00-0114)			
06 41 13 00-0149	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	362.61		59.48
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0150	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	386.60		65.43
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0151	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	426.19		71.38
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0152	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	455.01		77.34
		<i>For All Plywood Box Construction, Add</i>	76.07		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0114)</b>		
06 41 13 00-0154 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	308.32	23.79
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0155 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	315.30	29.74
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0156 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	330.37	35.69
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0157 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	339.66	41.64
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0158 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	348.96	47.59
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0159 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	365.16	59.48
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0160 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	390.60	65.43
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0161 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	426.19	71.38
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0162 EA 39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	455.01	77.34
For All Plywood Box Construction, Add	76.07	
<b>06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0114)</b>		
06 41 13 00-0164 EA 12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	319.85	23.79
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0165 EA 15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	336.05	29.74
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0166 EA 18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	348.81	35.69
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0167 EA 21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	362.71	41.64
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0168 EA 24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	381.24	47.59
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0169 EA 27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	403.16	53.57
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0170 EA 30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	421.64	59.48
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0171 EA 33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	437.85	65.43
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0172 EA 36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	446.94	71.38
For All Plywood Box Construction, Add	76.07	
<b>06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0114)</b>		
06 41 13 00-0174 EA 12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	348.17	23.79
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0175 EA 15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	379.41	29.74
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0176 EA 18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	404.60	35.69
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0177 EA 21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	434.73	41.64
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0178 EA 24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	464.92	47.59
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0179 EA 27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	509.89	53.57
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0180 EA 30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	522.60	59.48
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0181 EA 33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	568.97	65.43
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0182 EA 36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	586.50	71.38
For All Plywood Box Construction, Add	76.07	
<b>06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0114)</b>		
06 41 13 00-0184 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	391.97	23.79
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0185 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	424.36	29.74
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0186 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	453.01	35.69
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0187 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	485.45	41.64
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0188 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	569.80	47.59
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0189 EA 27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	572.13	53.57
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0190 EA 30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	592.91	59.48
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0191 EA 33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet .....	648.50	65.43
For All Plywood Box Construction, Add	76.07	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	664.88 76.07	71.38
<b>06 41 13 00-0193</b>		<b>Wall Cabinets, 42" High, 12" Deep</b> (06 41 13 00-0114)		
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	436.92 76.07	23.79
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	477.38 76.07	29.74
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	508.33 76.07	35.69
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	539.62 76.07	41.64
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	588.25 76.07	47.59
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	627.45 76.07	53.57
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	659.76 76.07	59.48
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	722.27 76.07	65.43
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	744.41 76.07	71.38
<b>06 41 13 00-0203</b>		<b>Wall Cabinets, 12" High, 23-3/4" Deep</b> (06 41 13 00-0114)		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	415.14 76.07	59.48
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	446.09 76.07	65.43
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	478.75 76.07	71.38
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	517.95 76.07	77.34
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	611.41 76.07	95.19
<b>06 41 13 00-0209</b>		<b>Utility Cabinets, 84" High</b> (06 41 13 00-0114)		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	794.32 281.23	52.88
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	898.93 281.23	63.46
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,010.47 281.23	497.06
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,062.07 281.23	84.61
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,284.23 281.23	105.76
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,481.05 281.23	126.91
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	898.06 281.23	52.88
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	993.45 281.23	63.46
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,133.80 281.23	74.03
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,204.99 281.23	84.61
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,494.01 281.23	105.76
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,708.11 281.23	126.91
<b>06 41 13 00-0222</b>		<b>Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets</b> (06 41 13 00-0005)		
<b>06 41 13 00-0223</b>		<b>Base Cabinets, 35" High, 23-3/4" Deep</b> (06 41 13 00-0222)		
06 41 13 00-0224	EA	12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	404.11 136.01 141.77	23.79
06 41 13 00-0225	EA	15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	429.71 136.01 141.77	29.74
06 41 13 00-0226	EA	18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	449.38 136.01 141.77	35.69



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0227 EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	473.45 136.01 141.77	41.64
06 41 13 00-0228 EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	538.33 136.01 141.77	47.59
06 41 13 00-0229 EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	563.71 136.01 141.77	53.54
06 41 13 00-0230 EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	608.77 136.01 141.77	59.48
06 41 13 00-0231 EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	642.03 136.01 141.77	65.43
06 41 13 00-0232 EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	662.01 136.01 141.77	71.38
06 41 13 00-0233 EA 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	755.41 272.01 141.77	95.19
06 41 13 00-0234 EA 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	836.99 272.01 141.77	59.48
06 41 13 00-0235 EA 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	928.26 272.01 141.77	71.38
06 41 13 00-0236 EA 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	878.48 408.02 141.77	59.48
06 41 13 00-0237 EA 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	980.13 408.02 141.77	71.38
06 41 13 00-0238 EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	411.02 408.02 141.77	23.79
06 41 13 00-0239 EA 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	420.49 408.02 141.77	29.74
06 41 13 00-0240 EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	458.60 408.02 141.77	35.69
06 41 13 00-0241 EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	488.43 408.02 141.77	41.64
06 41 13 00-0242 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	509.52 408.02 141.77	47.59
06 41 13 00-0243 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	534.89 408.02 141.77	53.54
06 41 13 00-0244 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	876.18 408.02 141.77	59.48
06 41 13 00-0245 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	923.27 408.02 141.77	65.43
06 41 13 00-0246 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	970.91 408.02 141.77	71.38
06 41 13 00-0247 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet ..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	503.23 544.03 141.77	23.79



**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 41 13 00-0248	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	515.00		29.74
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0249	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	558.88		35.69
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0250	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	594.47		41.64
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0251	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	624.78		47.59
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0252	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	657.07		53.54
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0253	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	918.82		59.48
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0254	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	971.68		65.43
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
06 41 13 00-0255	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	1,026.23		71.38
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	544.03		
		<i>For All Plywood Box Construction, Add</i>	141.77		
<b>06 41 13 00-0256</b>		<b>Wall Cabinets, 12" High, 12" Deep</b> (06 41 13 00-0222)			
06 41 13 00-0257	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	362.61		59.48
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0258	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	386.60		65.43
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0259	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	426.19		71.38
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0260	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	455.01		77.34
		<i>For All Plywood Box Construction, Add</i>	76.07		
<b>06 41 13 00-0261</b>		<b>Wall Cabinets, 14" High, 12" Deep</b> (06 41 13 00-0222)			
06 41 13 00-0262	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	308.32		23.79
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0263	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	315.30		29.74
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0264	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	330.37		35.69
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0265	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	339.66		41.64
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0266	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	348.96		47.59
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0267	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	365.16		59.48
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0268	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	390.60		65.43
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0269	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	426.19		71.38
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0270	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	455.01		77.34
		<i>For All Plywood Box Construction, Add</i>	76.07		
<b>06 41 13 00-0271</b>		<b>Wall Cabinets, 18" High, 12" Deep</b> (06 41 13 00-0222)			
06 41 13 00-0272	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	319.85		23.79
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0273	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	336.05		29.74
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0274	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	348.81		35.69
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0275	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	362.71		41.64
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0276	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	381.24		47.59
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0277	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	403.16		53.57
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0278	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	421.64		59.48
		<i>For All Plywood Box Construction, Add</i>	76.07		
06 41 13 00-0279	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	437.85		65.43
		<i>For All Plywood Box Construction, Add</i>	76.07		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0280 EA 36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	446.94 76.07	71.38
<b>06 41 13 00-0281 Wall Cabinets, 30" High, 12" Deep</b> <small>(06 41 13 00-0222)</small>		
06 41 13 00-0282 EA 12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	348.17 76.07	23.79
06 41 13 00-0283 EA 15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	379.41 76.07	29.74
06 41 13 00-0284 EA 18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	404.60 76.07	35.69
06 41 13 00-0285 EA 21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	434.73 76.07	41.64
06 41 13 00-0286 EA 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	464.92 76.07	47.59
06 41 13 00-0287 EA 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	509.89 76.07	53.57
06 41 13 00-0288 EA 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	522.60 76.07	59.48
06 41 13 00-0289 EA 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	568.97 76.07	65.43
06 41 13 00-0290 EA 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	586.50 76.07	71.38
<b>06 41 13 00-0291 Wall Cabinets, 36" High, 12" Deep</b> <small>(06 41 13 00-0222)</small>		
06 41 13 00-0292 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	391.97 76.07	23.79
06 41 13 00-0293 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	424.36 76.07	29.74
06 41 13 00-0294 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	453.01 76.07	35.69
06 41 13 00-0295 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	485.45 76.07	41.64
06 41 13 00-0296 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	569.80 76.07	47.59
06 41 13 00-0297 EA 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	572.13 76.07	53.57
06 41 13 00-0298 EA 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	592.91 76.07	59.48
06 41 13 00-0299 EA 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	648.50 76.07	65.43
06 41 13 00-0300 EA 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	664.88 76.07	71.38
<b>06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep</b> <small>(06 41 13 00-0222)</small>		
06 41 13 00-0302 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	436.92 76.07	23.79
06 41 13 00-0303 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	477.38 76.07	29.74
06 41 13 00-0304 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	508.33 76.07	35.69
06 41 13 00-0305 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	539.62 76.07	41.64
06 41 13 00-0306 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	588.25 76.07	47.59
06 41 13 00-0307 EA 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	627.45 76.07	53.57
06 41 13 00-0308 EA 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	659.76 76.07	59.48
06 41 13 00-0309 EA 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	722.27 76.07	65.43
06 41 13 00-0310 EA 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	744.41 76.07	71.38
<b>06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep</b> <small>(06 41 13 00-0222)</small>		
06 41 13 00-0312 EA 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	415.14 76.07	59.48
06 41 13 00-0313 EA 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	446.09 76.07	65.43
06 41 13 00-0314 EA 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	478.75 76.07	71.38
06 41 13 00-0315 EA 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	517.95 76.07	77.34
06 41 13 00-0316 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet ..... <i>For All Plywood Box Construction, Add</i>	611.41 76.07	95.19
<b>06 41 13 00-0317 Utility Cabinets, 84" High</b> <small>(06 41 13 00-0222)</small>		
06 41 13 00-0318 EA 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet ..... <i>For All Plywood Box Construction, Add</i>	794.32 281.23	52.88



**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0319	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	898.93	63.46
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0320	EA		21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,010.47	497.06
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0321	EA		24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,062.07	84.61
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0322	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,284.23	105.76
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0323	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,481.05	126.91
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0324	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	898.06	52.88
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0325	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	993.45	63.46
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0326	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,133.80	74.03
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0327	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,204.99	84.61
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0328	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,494.01	105.76
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0329	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,708.11	126.91
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0330			<b>Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets</b> (06 41 13 00-0005)		
06 41 13 00-0331			<b>Base Cabinets, 35" High, 23-3/4" Deep</b> (06 41 13 00-0330)		
06 41 13 00-0332	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	404.11	23.79
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0333	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	429.71	29.74
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0334	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	449.38	35.69
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0335	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	473.45	41.64
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0336	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	538.33	47.59
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0337	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	563.71	53.54
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0338	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	608.77	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0339	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	642.03	65.43
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0340	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	662.01	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	136.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0341	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet .....	755.41	95.19
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0342	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....	836.99	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0343	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....	928.26	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	272.01	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0344	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....	878.48	59.48
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
			<i>For All Plywood Box Construction, Add</i>	141.77	
06 41 13 00-0345	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet .....	980.13	71.38
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	408.02	
			<i>For All Plywood Box Construction, Add</i>	141.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0346 EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	411.02	23.79
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0347 EA 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	420.49	29.74
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0348 EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	458.60	35.69
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0349 EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	488.43	41.64
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0350 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	509.52	47.59
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0351 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	534.89	53.54
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0352 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	876.18	59.48
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0353 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	923.27	65.43
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0354 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	970.91	71.38
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	408.02	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0355 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	503.23	23.79
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0356 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	515.00	29.74
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0357 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	558.88	35.69
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0358 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	594.47	41.64
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0359 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	624.78	47.59
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0360 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	657.07	53.54
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0361 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	918.82	59.48
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0362 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	971.68	65.43
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
06 41 13 00-0363 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	1,026.23	71.38
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	544.03	
For All Plywood Box Construction, Add	141.77	
<b>06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)</b>		
06 41 13 00-0365 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	362.61	59.48
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0366 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	386.60	65.43
For All Plywood Box Construction, Add	76.07	
06 41 13 00-0367 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	426.19	71.38
For All Plywood Box Construction, Add	76.07	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 41 13 00-0368	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	455.01	77.34
		<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0369</b>		<b>Wall Cabinets, 14" High, 12" Deep</b> (06 41 13 00-0330)		
06 41 13 00-0370	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	308.32	23.79
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0371	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	315.30	29.74
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0372	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	330.37	35.69
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0373	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	339.66	41.64
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0374	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	348.96	47.59
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0375	EA	30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	365.16	59.48
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0376	EA	33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	390.60	65.43
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	426.19	71.38
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	455.01	77.34
		<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0379</b>		<b>Wall Cabinets, 18" High, 12" Deep</b> (06 41 13 00-0330)		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	319.85	23.79
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	336.05	29.74
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	348.81	35.69
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	362.71	41.64
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	381.24	47.59
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	403.16	53.57
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	421.64	59.48
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	437.85	65.43
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	446.94	71.38
		<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0389</b>		<b>Wall Cabinets, 30" High, 12" Deep</b> (06 41 13 00-0330)		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	348.17	23.79
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	379.41	29.74
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	404.60	35.69
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	434.73	41.64
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	464.92	47.59
		<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	509.89	53.57
		<i>For All Plywood Box Construction, Add</i>	76.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0396 EA 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	522.60	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0397 EA 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	568.97	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0398 EA 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	586.50	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0399 Wall Cabinets, 36" High, 12" Deep</b> <small>(06 41 13 00-0330)</small>		
06 41 13 00-0400 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	391.97	23.79
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0401 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	424.36	29.74
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0402 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	453.01	35.69
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0403 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	485.45	41.64
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0404 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	569.80	47.59
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0405 EA 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	572.13	53.57
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0406 EA 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	592.91	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0407 EA 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	648.50	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0408 EA 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	664.88	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep</b> <small>(06 41 13 00-0330)</small>		
06 41 13 00-0410 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	436.92	23.79
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0411 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	477.38	29.74
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0412 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	508.33	35.69
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0413 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	539.62	41.64
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0414 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	588.25	47.59
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0415 EA 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	627.45	53.57
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0416 EA 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	659.76	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0417 EA 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	722.27	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0418 EA 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	744.41	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep</b> <small>(06 41 13 00-0330)</small>		
06 41 13 00-0420 EA 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	415.14	59.48
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0421 EA 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	446.09	65.43
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0422 EA 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	478.75	71.38
<i>For All Plywood Box Construction, Add</i>	76.07	
06 41 13 00-0423 EA 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	517.95	77.34
<i>For All Plywood Box Construction, Add</i>	76.07	

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0424	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	611.41	95.19
			<i>For All Plywood Box Construction, Add</i>	76.07	
<b>06 41 13 00-0425</b>			<b>Utility Cabinets, 84" High</b> (06 41 13 00-0330)		
06 41 13 00-0426	EA		15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	794.32	52.88
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0427	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	898.93	63.46
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0428	EA		21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,010.47	497.06
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0429	EA		24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,062.07	84.61
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0430	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,284.23	105.76
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0431	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,481.05	126.91
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0432	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	898.06	52.88
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0433	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	993.45	63.46
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0434	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,133.80	74.03
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0435	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,204.99	84.61
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0436	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,494.01	105.76
			<i>For All Plywood Box Construction, Add</i>	281.23	
06 41 13 00-0437	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,708.11	126.91
			<i>For All Plywood Box Construction, Add</i>	281.23	
<b>06 41 93</b>			<b>Cabinet and Drawer Hardware</b> (06 41)		
<b>06 41 93 00-0001</b>			<b>Cabinet Hardware</b> (06 41 93)		
			Note: Includes all finishes, and mounting screws.		
06 41 93 00-0002	EA		4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	28.74	10.12
06 41 93 00-0003	EA		7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	29.66	10.12
06 41 93 00-0004	EA		10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	31.27	10.12
06 41 93 00-0005	EA		3" To 4-1/2", Flat Cabinet Pull Handle.....	33.06	10.12
06 41 93 00-0006	EA		5" To 6-1/2", Flat Cabinet Pull Handle.....	33.98	10.12
06 41 93 00-0007	EA		7" To 8-1/2", Flat Cabinet Pull Handle.....	43.88	10.12
06 41 93 00-0008	EA		12" To 12-1/2", Flat Cabinet Pull Handle.....	84.86	10.12
06 41 93 00-0009	EA		1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	22.40	7.73
06 41 93 00-0010	EA		3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	22.24	7.73
06 41 93 00-0011	EA		1-1/4" Long, Finger Cabinet Pull.....	30.30	8.93
06 41 93 00-0012	EA		3" Long, Finger Cabinet Pull.....	34.61	8.93
06 41 93 00-0013	EA		4" Long, Finger Cabinet Pull.....	37.55	8.93
06 41 93 00-0014	EA		6" Long, Finger Cabinet Pull.....	41.58	8.93
06 41 93 00-0015	EA		12" Long, Finger Cabinet Pull.....	60.28	8.93
06 41 93 00-0016	EA		Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	43.94	11.90
06 41 93 00-0017	EA		Cabinet Surface Mounted Square or Matchbook Latch.....	64.57	11.90
06 41 93 00-0018	EA		Cabinet Door or Drawer Mortised Lock With 2 Keys.....	169.54	17.85
06 41 93 00-0019	EA		Cabinet Door or Drawer Bored Lock with 2 Keys.....	58.04	10.12
06 41 93 00-0020	EA		Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	39.15	10.12
<b>06 42</b>			<b>Wood Paneling</b> (06 40)		
			Note: Includes glue for installation.		
<b>06 42 13</b>			<b>Wood Board Paneling</b> (06 42)		
<b>06 42 13 00-0001</b>			<b>Solid Wood Paneling</b> (06 42 13)		
<b>06 42 13 00-0002</b>			<b>7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide</b> (06 42 13 00-0001)		
06 42 13 00-0003	SF		Homestead Cedar Paneling Tongue And Groove, 7/16".....	10.36	2.50
06 42 13 00-0004	SF		Homestead Juniper Paneling Tongue And Groove, 7/16".....	10.88	2.50
<b>06 42 13 00-0005</b>			<b>7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide</b> (06 42 13 00-0001)		
06 42 13 00-0006	SF		8" Random Plank Tongue And Groove, 7/16".....	17.50	2.37
06 42 13 00-0007	SF		8" Solid Plank Tongue And Groove, 7/16".....	16.08	2.37





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide <small>(06 42 13 00-0001)</small>		
06 42 13 00-0009 SF Alder Wood Tongue And Groove Paneling, 1/2".....	11.92	2.50
06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide <small>(06 42 13 00-0001)</small>		
06 42 13 00-0011 SF 1" Terebo (Driftwood) Wood Shiplap .....	7.78	2.14
<b>06 42 16 Flush Wood Paneling <small>(06 42)</small></b>		
06 42 16 00-0001 Veneer Hardboard Panels <small>(06 42 16)</small>		
06 42 16 00-0002 SF 1/4" Maple Veneer Paneling .....	7.59	2.15
<i>For Waterproof Glue, Add</i>	0.19	
<i>For Ceiling Installation, Add</i>	1.47	
06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick <small>(06 42 16)</small>		
06 42 16 00-0004 Birch <small>(06 42 16 00-0003)</small>		
06 42 16 00-0005 SF 1/4" Unfinished Birch Plywood, Natural Faced With Trim .....	5.67	1.92
<i>For Waterproof Glue, Add</i>	0.10	
<i>For Ceiling Installation, Add</i>	1.29	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.47	
<i>For Glue Laminated Installation, Add</i>	0.28	
<i>For Lumber Core, Add</i>	0.15	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.53	
<i>For 1/2" Thick Paneling, Add</i>	1.25	
<i>For 5/8" Thick Paneling, Add</i>	1.54	
<i>For 3/4" Thick Paneling, Add</i>	1.90	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.07	
06 42 16 00-0006 SF 1/4" Unfinished Birch Plywood, Select With Trim.....	5.77	1.92
<i>For Waterproof Glue, Add</i>	0.10	
<i>For Ceiling Installation, Add</i>	1.29	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.47	
<i>For Glue Laminated Installation, Add</i>	0.29	
<i>For Lumber Core, Add</i>	0.16	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.55	
<i>For 1/2" Thick Paneling, Add</i>	1.31	
<i>For 5/8" Thick Paneling, Add</i>	1.61	
<i>For 3/4" Thick Paneling, Add</i>	2.01	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.15	
06 42 16 00-0007 Knotty Pine <small>(06 42 16 00-0003)</small>		
06 42 16 00-0008 SF 1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim.....	6.59	2.15
<i>For Waterproof Glue, Add</i>	0.13	
<i>For Ceiling Installation, Add</i>	1.44	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.53	
<i>For Glue Laminated Installation, Add</i>	0.33	
<i>For Lumber Core, Add</i>	0.20	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.64	
<i>For 1/2" Thick Paneling, Add</i>	1.55	
<i>For 5/8" Thick Paneling, Add</i>	1.92	
<i>For 3/4" Thick Paneling, Add</i>	2.41	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.42	
06 42 16 00-0009 SF 1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim.....	6.51	2.15
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.44	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.53	
<i>For Glue Laminated Installation, Add</i>	0.33	
<i>For Lumber Core, Add</i>	0.19	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.62	
<i>For 1/2" Thick Paneling, Add</i>	1.50	
<i>For 5/8" Thick Paneling, Add</i>	1.86	
<i>For 3/4" Thick Paneling, Add</i>	2.33	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.36	
06 42 16 00-0010 Cedar (Aromatic - Closet Lining) <small>(06 42 16 00-0003)</small>		
06 42 16 00-0011 SF 1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining.....	6.54	2.39
<i>For Waterproof Glue, Add</i>	0.08	
<i>For Ceiling Installation, Add</i>	1.62	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.59	
<i>For Glue Laminated Installation, Add</i>	0.33	
<i>For Lumber Core, Add</i>	0.13	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.57	
<i>For 1/2" Thick Paneling, Add</i>	1.27	
<i>For 5/8" Thick Paneling, Add</i>	1.51	
<i>For 3/4" Thick Paneling, Add</i>	1.82	
<i>For Fire Retardant Treatment (Class I), Add</i>	0.91	



**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0012	SF		1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining .....	6.53	2.39
			For Waterproof Glue, Add	0.08	
			For Ceiling Installation, Add	1.62	
			For Installation On Metal Studs Or Furring, Add	0.59	
			For Glue Laminated Installation, Add	0.33	
			For Lumber Core, Add	0.13	
			For 1/8" Thick Paneling, Deduct	-0.57	
			For 1/2" Thick Paneling, Add	1.26	
			For 5/8" Thick Paneling, Add	1.50	
			For 3/4" Thick Paneling, Add	1.81	
			For Fire Retardant Treatment (Class I), Add	0.90	
06 42 16 00-0013			<b>Top Grade Plywood Prefinished With Trim 1/4" Thick</b> <small>(06 42 16)</small> .....	6.31	2.15
06 42 16 00-0014	SF		1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim .....	6.31	2.15
			For Flitch Matched Veneer, Add	0.76	
			For Second Grade Veneer, Deduct	-0.15	
			For Third Grade Veneer, Deduct	-0.23	
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.44	
			For Installation On Metal Studs Or Furring, Add	0.53	
			For Glue Laminated Installation, Add	0.32	
			For Lumber Core, Add	0.17	
			For 1/8" Thick Paneling, Deduct	-0.59	
			For 1/2" Thick Paneling, Add	1.40	
			For 5/8" Thick Paneling, Add	1.71	
			For 3/4" Thick Paneling, Add	2.13	
			For Fire Retardant Treatment (Class I), Add	1.20	
06 42 16 00-0015	SF		1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim.....	6.99	2.15
			For Flitch Matched Veneer, Add	1.10	
			For Second Grade Veneer, Deduct	-0.22	
			For Third Grade Veneer, Deduct	-0.33	
			For Waterproof Glue, Add	0.15	
			For Ceiling Installation, Add	1.44	
			For Installation On Metal Studs Or Furring, Add	0.53	
			For Glue Laminated Installation, Add	0.35	
			For Lumber Core, Add	0.24	
			For 1/8" Thick Paneling, Deduct	-0.70	
			For 1/2" Thick Paneling, Add	1.76	
			For 5/8" Thick Paneling, Add	2.22	
			For 3/4" Thick Paneling, Add	2.82	
			For Fire Retardant Treatment (Class I), Add	1.74	
06 42 16 00-0016	SF		1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim.....	10.46	2.15
			For Flitch Matched Veneer, Add	2.37	
			For Second Grade Veneer, Deduct	-0.47	
			For Third Grade Veneer, Deduct	-0.71	
			For Waterproof Glue, Add	0.33	
			For Ceiling Installation, Add	1.72	
			For Installation On Metal Studs Or Furring, Add	0.63	
			For Glue Laminated Installation, Add	0.52	
			For Lumber Core, Add	0.52	
			For 1/8" Thick Paneling, Deduct	-1.19	
			For 1/2" Thick Paneling, Add	3.24	
			For 5/8" Thick Paneling, Add	4.24	
			For 3/4" Thick Paneling, Add	5.51	
			For Fire Retardant Treatment (Class I), Add	3.74	
06 42 16 00-0017	SF		1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim .....	5.31	2.15
			For Flitch Matched Veneer, Add	0.51	
			For Second Grade Veneer, Deduct	-0.10	
			For Third Grade Veneer, Deduct	-0.15	
			For Waterproof Glue, Add	0.07	
			For Ceiling Installation, Add	1.29	
			For Installation On Metal Studs Or Furring, Add	0.47	
			For Glue Laminated Installation, Add	0.27	
			For Lumber Core, Add	0.11	
			For 1/8" Thick Paneling, Deduct	-0.47	
			For 1/2" Thick Paneling, Add	1.06	
			For 5/8" Thick Paneling, Add	1.27	
			For 3/4" Thick Paneling, Add	1.55	
			For Fire Retardant Treatment (Class I), Add	0.80	
06 42 16 00-0018	SF		1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim.....	9.19	2.15
			For Flitch Matched Veneer, Add	1.90	
			For Second Grade Veneer, Deduct	-0.38	
			For Third Grade Veneer, Deduct	-0.57	
			For Waterproof Glue, Add	0.27	
			For Ceiling Installation, Add	1.62	
			For Installation On Metal Studs Or Furring, Add	0.59	
			For Glue Laminated Installation, Add	0.46	
			For Lumber Core, Add	0.42	
			For 1/8" Thick Paneling, Deduct	-1.01	
			For 1/2" Thick Paneling, Add	2.70	
			For 5/8" Thick Paneling, Add	3.50	
			For 3/4" Thick Paneling, Add	4.52	
			For Fire Retardant Treatment (Class I), Add	3.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0019 SF 1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim .....	6.47	2.15
<i>For Flitch Matched Veneer, Add</i>	0.84	
<i>For Second Grade Veneer, Deduct</i>	-0.17	
<i>For Third Grade Veneer, Deduct</i>	-0.25	
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.44	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.53	
<i>For Glue Laminated Installation, Add</i>	0.32	
<i>For Lumber Core, Add</i>	0.18	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.62	
<i>For 1/2" Thick Paneling, Add</i>	1.48	
<i>For 5/8" Thick Paneling, Add</i>	1.83	
<i>For 3/4" Thick Paneling, Add</i>	2.29	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.33	
06 42 16 00-0020 SF 1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim .....	7.62	2.15
<i>For Flitch Matched Veneer, Add</i>	1.12	
<i>For Second Grade Veneer, Deduct</i>	-0.22	
<i>For Third Grade Veneer, Deduct</i>	-0.33	
<i>For Waterproof Glue, Add</i>	0.16	
<i>For Ceiling Installation, Add</i>	1.62	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.59	
<i>For Glue Laminated Installation, Add</i>	0.38	
<i>For Lumber Core, Add</i>	0.25	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.75	
<i>For 1/2" Thick Paneling, Add</i>	1.85	
<i>For 5/8" Thick Paneling, Add</i>	2.32	
<i>For 3/4" Thick Paneling, Add</i>	2.92	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.76	
06 42 16 00-0021 SF 1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim .....	12.13	2.15
<i>For Flitch Matched Veneer, Add</i>	2.70	
<i>For Second Grade Veneer, Deduct</i>	-0.54	
<i>For Third Grade Veneer, Deduct</i>	-0.81	
<i>For Waterproof Glue, Add</i>	0.38	
<i>For Ceiling Installation, Add</i>	2.02	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.74	
<i>For Glue Laminated Installation, Add</i>	0.61	
<i>For Lumber Core, Add</i>	0.59	
<i>For 1/8" Thick Paneling, Deduct</i>	-1.37	
<i>For 1/2" Thick Paneling, Add</i>	3.72	
<i>For 5/8" Thick Paneling, Add</i>	4.85	
<i>For 3/4" Thick Paneling, Add</i>	6.31	
<i>For Fire Retardant Treatment (Class I), Add</i>	4.26	
06 42 16 00-0022 SF 1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim .....	9.18	2.15
<i>For Flitch Matched Veneer, Add</i>	1.90	
<i>For Second Grade Veneer, Deduct</i>	-0.38	
<i>For Third Grade Veneer, Deduct</i>	-0.57	
<i>For Waterproof Glue, Add</i>	0.27	
<i>For Ceiling Installation, Add</i>	1.62	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.59	
<i>For Glue Laminated Installation, Add</i>	0.46	
<i>For Lumber Core, Add</i>	0.42	
<i>For 1/8" Thick Paneling, Deduct</i>	-1.01	
<i>For 1/2" Thick Paneling, Add</i>	2.69	
<i>For 5/8" Thick Paneling, Add</i>	3.49	
<i>For 3/4" Thick Paneling, Add</i>	4.51	
<i>For Fire Retardant Treatment (Class I), Add</i>	2.99	
06 42 16 00-0023 SF 1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim .....	8.02	2.15
<i>For Flitch Matched Veneer, Add</i>	1.62	
<i>For Second Grade Veneer, Deduct</i>	-0.32	
<i>For Third Grade Veneer, Deduct</i>	-0.48	
<i>For Waterproof Glue, Add</i>	0.23	
<i>For Ceiling Installation, Add</i>	1.44	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.53	
<i>For Glue Laminated Installation, Add</i>	0.40	
<i>For Lumber Core, Add</i>	0.36	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.87	
<i>For 1/2" Thick Paneling, Add</i>	2.32	
<i>For 5/8" Thick Paneling, Add</i>	3.00	
<i>For 3/4" Thick Paneling, Add</i>	3.87	
<i>For Fire Retardant Treatment (Class I), Add</i>	2.55	
06 42 16 00-0024 SF 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim .....	6.51	2.15
<i>For Flitch Matched Veneer, Add</i>	0.86	
<i>For Second Grade Veneer, Deduct</i>	-0.17	
<i>For Third Grade Veneer, Deduct</i>	-0.26	
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.44	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.53	
<i>For Glue Laminated Installation, Add</i>	0.33	
<i>For Lumber Core, Add</i>	0.19	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.62	
<i>For 1/2" Thick Paneling, Add</i>	1.50	
<i>For 5/8" Thick Paneling, Add</i>	1.86	
<i>For 3/4" Thick Paneling, Add</i>	2.33	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.36	

06 42 16 00-0025 Accessories (06 42 16)

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 42 Wood Paneling**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

06 42 16 00-0026 EA Aluminum Panel Retainer "J" With Bolt.....42.10

**06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)**

06 42 19 00-0001 Plastic Laminate (06 42 19)

Note: Standard colors and patterns.

06 42 19 00-0002 SF 1/16" Plastic Laminate Faced Panel.....11.47 4.17  
Note: Includes cutting to fit.**06 43 Wood Stairs and Railings (06 40)****06 43 13 Wood Stairs (06 43)**

06 43 13 00-0001 Stair Parts (06 43 13)

06 43 13 00-0002	EA	30" Baluster, Pine	59.89	24.15
06 43 13 00-0003	EA	30" Baluster, Birch	70.78	24.15
06 43 13 00-0004	EA	42" Baluster, Pine	67.62	24.97
06 43 13 00-0005	EA	42" Baluster, Birch	79.23	24.97
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	353.33	94.91
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	516.91	133.20
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	212.85	83.26
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.33	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	249.15	91.46
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.04	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	43.14	12.49
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	4.10	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	56.05	7.01
		<i>For Beech, Add</i>	12.63	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.21	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	68.03	7.01
		<i>For Beech, Add</i>	16.22	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.21	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	30.93	7.01
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.21	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	42.14	7.25
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.35	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	39.60	7.25
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.35	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	23.27	7.25
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.35	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	22.47	7.25
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.35	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	48.13	

**06 43 13 00-0019 Interior Box Stairs (06 43 13)**

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA	30" Wide Pine Box Stair, Per Riser	309.66	72.43
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.80	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.04	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.93	
		<i>For Oak Or Maple Treads, Add</i>	92.79	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	328.25	74.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.34	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.74	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.23	
		<i>For Oak Or Maple Treads, Add</i>	100.10	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	345.71	74.93
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.62	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	76.11	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.38	
		<i>For Oak Or Maple Treads, Add</i>	107.41	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	365.92	75.76
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.89	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	76.46	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.53	
		<i>For Oak Or Maple Treads, Add</i>	115.97	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	377.87	76.60
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.16	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	76.82	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.67	
		<i>For Oak Or Maple Treads, Add</i>	120.82	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	391.02	78.26
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.71	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	77.53	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.97	
		<i>For Oak Or Maple Treads, Add</i>	125.66	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	402.98	79.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.98	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	77.89	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	26.12	
		<i>For Oak Or Maple Treads, Add</i>	130.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0027 EA 44" Wide Pine Box Stair, Per Riser.....	414.95	79.93
For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.26	
For Prefinished Stair Rail With Balusters And Newel, Add	78.25	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	26.27	
For Oak Or Maple Treads, Add	135.35	
06 43 13 00-0028 EA 46" Wide Pine Box Stair, Per Riser.....	426.87	80.75
For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.53	
For Prefinished Stair Rail With Balusters And Newel, Add	78.60	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	26.42	
For Oak Or Maple Treads, Add	140.19	
06 43 13 00-0029 EA 48" Wide Pine Box Stair, Per Riser.....	441.11	83.26
For Curved Surfaces With A 2'-0" Maximum Radius, Add	27.35	
For Prefinished Stair Rail With Balusters And Newel, Add	79.68	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	26.87	
For Oak Or Maple Treads, Add	144.98	
<b>06 43 16 Wood Railings (06 43)</b>		
<b>06 43 16 00-0001 Handrails (06 43 16)</b>		
<b>06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)</b>		
Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.		
06 43 16 00-0003 LF 1-1/2" x 1-11/16", Wood Handrail With Brackets.....	19.64	5.95
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.73	
06 43 16 00-0004 LF 1-7/8" x 2-5/8", Wood Handrail With Brackets.....	21.20	5.95
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.73	
06 43 16 00-0005 LF 1-1/2" Diameter, Wood Handrail With Brackets.....	26.42	5.95
06 43 16 00-0006 LF 1-3/4" Diameter, Wood Handrail With Brackets.....	27.72	5.95
06 43 16 00-0007 LF 2" Diameter, Wood Handrail With Brackets.....	32.41	5.95
06 43 16 00-0008 LF 2-1/2" Diameter, Wood Handrail With Brackets.....	46.88	5.95
<b>06 44 Ornamental Woodwork (06 40)</b>		
<b>06 44 39 Wood Posts and Columns (06 44)</b>		
<b>06 44 39 00-0001 Columns (06 44 39)</b>		
<b>06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)</b>		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0003 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	79.31	8.37
06 44 39 00-0004 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	99.61	12.22
06 44 39 00-0005 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	121.92	14.15
06 44 39 00-0006 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	145.51	14.80
06 44 39 00-0007 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	321.84	16.72
06 44 39 00-0008 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	373.58	18.01
06 44 39 00-0009 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	449.23	19.30
06 44 39 00-0010 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	535.86	20.58
06 44 39 00-0011 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	91.06	8.37
06 44 39 00-0012 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	109.03	12.22
06 44 39 00-0013 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	134.92	14.15
06 44 39 00-0014 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	159.41	14.80
06 44 39 00-0015 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	350.08	16.72
06 44 39 00-0016 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	474.89	18.01
06 44 39 00-0017 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	511.99	19.30
06 44 39 00-0018 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	576.20	20.58
<b>06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base (06 44 39 00-0001)</b>		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0020 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	95.09	8.37
06 44 39 00-0021 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	117.55	12.22
06 44 39 00-0022 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	145.23	14.15
06 44 39 00-0023 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	174.65	14.80
06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	394.95	16.72
06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	459.20	18.01
06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	553.37	19.30
06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	661.29	20.58
06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	109.80	8.37
06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	130.41	12.22
06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	162.09	14.15
06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	192.50	14.80
06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	430.32	16.72
06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	586.20	18.01
06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	632.04	19.30
06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	711.90	20.58
<b>06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)</b>		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	84.89	8.37
06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	106.33	12.22
06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	130.37	14.15

**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base	155.97	14.80
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	97.69	8.37
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	116.59	12.22
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	144.53	14.15
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	171.11	14.80

**06 44 39 00-0045 Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)**

Note: Paint grade/finger jointed redwood.

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	131.85	8.37
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	158.79	12.22
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	197.68	14.15
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base	241.45	14.80
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	151.58	8.37
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	179.86	12.22
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	222.34	14.15
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base	273.73	14.80

**06 44 39 00-0054 Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)**

Note: For tapered wood columns.

06 44 39 00-0055	EA	6" Resin Corinthian Capital And Base	411.29	17.37
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	621.37	19.30
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	865.40	22.52
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,104.94	25.73
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	366.46	17.37
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	509.30	19.30
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	632.29	22.52
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	827.01	25.73
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base	385.69	18.01
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base	509.30	19.30
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base	632.29	22.52
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base	804.59	25.73
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	390.18	18.01
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	554.13	19.30
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	654.70	22.52
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	898.72	25.73
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base	390.18	18.01
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base	603.44	19.30
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base	798.15	22.52
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base	988.39	25.73

**06 44 39 00-0075 Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)**

Note: For tapered wood columns.

06 44 39 00-0076	EA	6" Plaster Corinthian Capital And Base	828.20	17.37
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	930.69	19.30
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,183.68	22.52
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,302.18	25.73
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	550.26	17.37
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	639.31	19.30
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	789.19	22.52
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	992.87	25.73
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base	529.15	18.01
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base	693.10	19.30
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base	838.50	22.52
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base	992.87	25.73
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	627.77	18.01
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	832.07	19.30
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	937.12	22.52
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,190.11	25.73
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base	529.15	18.01
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base	684.13	19.30
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base	892.29	22.52
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base	1,140.81	25.73
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	596.39	18.01
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	728.96	19.30
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	887.81	22.52
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	992.87	25.73

**06 46 Wood Trim (06 40)****06 46 13 Wood Door and Window Casings (06 46)****06 46 13 00-0001 Door and Window Casings (06 46 13)**

06 46 13 00-0002	LF	1-1/8" Wide Plain Pine Door And Window Molding	5.61	1.90
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding	5.66	1.90
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim	7.12	1.90
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 46 19 Wood Base and Shoe Moldings (06 46)</b>		
<b>06 46 19 00-0001 Base And Shoe Molding (06 46 19)</b>		
06 46 19 00-0002 LF 1/2" x 1/2" Pine Quarter Round Trim .....	5.79	2.26
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.14	
06 46 19 00-0003 LF 3/4" x 3/4" Pine Quarter Round Trim .....	6.21	2.26
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.14	
06 46 19 00-0004 LF 3-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	7.43	1.43
<i>For Clear Birch, Add</i>	0.85	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.68	
<i>For Stain Grade Material (No Finger Joints), Add</i>	0.48	
<i>For Clear Poplar, Add</i>	0.53	
06 46 19 00-0005 LF 4-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	9.02	1.78
<i>For Clear Birch, Add</i>	0.98	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	1.98	
<i>For Stain Grade Material (No Finger Joints), Add</i>	0.55	
<i>For Clear Poplar, Add</i>	0.61	
06 46 19 00-0006 LF 5-1/2" High White Pine Base Molding, All Dimensions Are Nominal.....	11.29	2.02
<i>For Clear Birch, Add</i>	1.52	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>	2.79	
<i>For Stain Grade Material (No Finger Joints), Add</i>	0.86	
<i>For Clear Poplar, Add</i>	0.95	
06 46 19 00-0007 LF 3/4" x 1" Oak Base Shoe .....	7.29	2.26
06 46 19 00-0008 LF 3/4" x 1" White Pine Base Shoe, Stain Grade.....	7.05	2.26
06 46 19 00-0009 LF 3/4" x 1" White Pine Base Shoe, Paint Grade.....	6.51	2.26
<b>06 46 23 Wood Chair Rails (06 46)</b>		
<b>06 46 23 00-0001 Chair Rails (06 46 23)</b>		
06 46 23 00-0002 LF 5/8" x 2-1/2" White Pine Shaped Chair Rail.....	9.14	2.14
<i>For Birch, Add</i>	1.40	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.45	
<i>For Poplar, Add</i>	0.88	
06 46 23 00-0003 LF 5/8" x 3-1/2" White Pine Shaped Chair Rail.....	11.35	2.14
<i>For Birch, Add</i>	2.11	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.44	
<i>For Poplar, Add</i>	1.32	
06 46 23 00-0004 LF 1/2" x 1-5/8" White Pine Shaped Chair Rail.....	6.77	2.14
<i>For Birch, Add</i>	1.02	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.80	
<i>For Poplar, Add</i>	0.64	
<b>06 46 26 Wood Cornices (06 46)</b>		
<b>06 46 26 00-0001 Wood Cornices (06 46 26)</b>		
06 46 26 00-0002 LF 1" x 2" White Pine Cornices, All Dimensions Are Nominal.....	6.75	2.14
<i>For Birch, Add</i>	0.72	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	1.37	
<i>For Poplar, Add</i>	0.90	
06 46 26 00-0003 LF 1" x 4" White Pine Cornices, All Dimensions Are Nominal.....	8.56	2.26
<i>For Birch, Add</i>	1.30	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	2.12	
<i>For Poplar, Add</i>	1.62	
06 46 26 00-0004 LF 1" x 6" White Pine Cornices, All Dimensions Are Nominal.....	12.04	2.37
<i>For Birch, Add</i>	2.47	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	3.61	
<i>For Poplar, Add</i>	3.09	
06 46 26 00-0005 LF 1" x 8" White Pine Cornices, All Dimensions Are Nominal.....	13.93	2.37
<i>For Birch, Add</i>	3.07	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	4.38	
<i>For Poplar, Add</i>	3.84	
06 46 26 00-0006 LF 1" x 10" White Pine Cornices, All Dimensions Are Nominal.....	16.13	2.50
<i>For Birch, Add</i>	3.77	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	5.28	
<i>For Poplar, Add</i>	4.71	
06 46 26 00-0007 LF 1" x 12" White Pine Cornices, All Dimensions Are Nominal.....	20.85	2.74
<i>For Birch, Add</i>	5.36	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>	7.30	
<i>For Poplar, Add</i>	6.71	
<b>06 46 29 Wood Fasciae and Soffits (06 46)</b>		
<b>06 46 29 00-0001 Fascia Board (06 46 29)</b>		
<b>06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)</b>		
06 46 29 00-0003 LF 1" x 6" Pine Fascia Board .....	5.49	2.37
06 46 29 00-0004 LF 1" x 8" Pine Fascia Board .....	6.25	2.64
06 46 29 00-0005 LF 1" x 10" Pine Fascia Board .....	6.74	2.77
06 46 29 00-0006 LF 1" x 12" Pine Fascia Board .....	7.90	3.11
06 46 29 00-0007 LF 2" x 6" Pine Fascia Board .....	5.43	2.37



**06 Wood, Plastics, and Composites****06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0008	LF		2" x 8" Pine Fascia Board .....	6.17	2.64
06 46 29 00-0009	LF		2" x 10" Pine Fascia Board .....	6.85	2.77
06 46 29 00-0010	LF		2" x 12" Pine Fascia Board .....	8.23	3.11
<b>06 46 29 00-0011</b>			<b>Cedar Fascia Board (06 46 29 00-0001)</b>		
06 46 29 00-0012	LF		1" x 6" Cedar Fascia Board .....	5.84	2.37
06 46 29 00-0013	LF		1" x 8" Cedar Fascia Board .....	6.79	2.64
06 46 29 00-0014	LF		1" x 10" Cedar Fascia Board .....	7.79	2.77
06 46 29 00-0015	LF		1" x 12" Cedar Fascia Board .....	9.36	3.11
<b>06 46 29 00-0016</b>			<b>Engineered Wood Fascia Board (06 46 29 00-0001)</b>		
06 46 29 00-0017	LF		1" x 6" Engineered Wood Fascia Board .....	5.29	2.37
06 46 29 00-0018	LF		1" x 8" Engineered Wood Fascia Board .....	5.98	2.64
06 46 29 00-0019	LF		1" x 12" Engineered Wood Fascia Board .....	7.26	3.11
<b>06 46 29 00-0020</b>			<b>Soffit (06 46 29)</b>		
<b>06 46 29 00-0021</b>			<b>Sanded Plywood Soffit (06 46 29 00-0020)</b>		
06 46 29 00-0022	SF		3/8" Thick, Sanded Plywood Soffit .....	4.71	1.80
06 46 29 00-0023	SF		1/2" Thick, Sanded Plywood Soffit .....	5.15	1.89
06 46 29 00-0024	SF		5/8" Thick, Sanded Plywood Soffit .....	5.42	1.98
06 46 29 00-0025	SF		3/4" Thick, Sanded Plywood Soffit .....	5.97	2.08
<b>06 46 29 00-0026</b>			<b>MDO Plywood Soffit (06 46 29 00-0020)</b>		
06 46 29 00-0027	SF		3/8" Thick, MDO Plywood Soffit .....	5.23	1.80
06 46 29 00-0028	SF		1/2" Thick, MDO Plywood Soffit .....	5.81	1.89
06 46 29 00-0029	SF		3/4" Thick, MDO Plywood Soffit .....	7.24	2.08
<b>06 46 29 00-0030</b>			<b>Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0020)</b>		
06 46 29 00-0031	SF		1/2" Thick, Exterior Ceiling Gypsum Board Soffit .....	3.66	1.57
06 46 29 00-0032	SF		5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit .....	3.93	1.65

**06 48 Wood Frames (06 40)**

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

**06 48 13 Exterior Wood Door Frames (06 48)****06 48 13 00-0001 Exterior Door Frames (06 48 13)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA		3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	307.47	67.39
			<i>For Birch, Add</i>	60.48	
			<i>For Mahogany, Add</i>	146.89	
06 48 13 00-0003	EA		3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	323.20	70.62
			<i>For Birch, Add</i>	63.91	
			<i>For Mahogany, Add</i>	155.20	
06 48 13 00-0004	EA		4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	338.96	73.38
			<i>For Birch, Add</i>	67.32	
			<i>For Mahogany, Add</i>	163.50	
06 48 13 00-0005	EA		5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	369.00	78.52
			<i>For Birch, Add</i>	74.15	
			<i>For Mahogany, Add</i>	180.09	
06 48 13 00-0006	EA		6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim .....	399.75	84.14
			<i>For Birch, Add</i>	81.00	
			<i>For Mahogany, Add</i>	196.71	
06 48 13 00-0007	EA		3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	452.68	67.63
06 48 13 00-0008	EA		3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	461.28	70.62
06 48 13 00-0009	EA		4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	469.84	73.61
06 48 13 00-0010	EA		5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	484.70	78.40
06 48 13 00-0011	EA		6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim .....	502.05	84.39
06 48 13 00-0012	EA		3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	357.61	67.63
06 48 13 00-0013	EA		3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	374.79	70.62
06 48 13 00-0014	EA		4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	392.08	73.61
06 48 13 00-0015	EA		5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	424.08	78.40
06 48 13 00-0016	EA		6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim .....	458.47	84.39

**06 48 16 Interior Wood Door Frames (06 48)****06 48 16 00-0001 Interior Door Frames (06 48 16)**

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA		2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	153.57	32.08
			<i>For Oak Or Maple, Add</i>	27.73	
			<i>For Birch, Add</i>	31.30	
			<i>For Mahogany, Add</i>	76.02	
			<i>For Walnut Frame, Add</i>	40.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0003 EA 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	154.62	32.20
<i>For Oak Or Maple, Add</i>	27.96	
<i>For Birch, Add</i>	31.57	
<i>For Mahogany, Add</i>	76.66	
<i>For Walnut Frame, Add</i>	40.59	
06 48 16 00-0004 EA 2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	156.56	32.80
<i>For Oak Or Maple, Add</i>	28.17	
<i>For Birch, Add</i>	31.80	
<i>For Mahogany, Add</i>	77.24	
<i>For Walnut Frame, Add</i>	40.89	
06 48 16 00-0005 EA 3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	159.10	33.63
<i>For Oak Or Maple, Add</i>	28.45	
<i>For Birch, Add</i>	32.12	
<i>For Mahogany, Add</i>	78.00	
<i>For Walnut Frame, Add</i>	41.30	
06 48 16 00-0006 EA 3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	162.77	34.47
<i>For Oak Or Maple, Add</i>	29.05	
<i>For Birch, Add</i>	32.80	
<i>For Mahogany, Add</i>	79.65	
<i>For Walnut Frame, Add</i>	42.17	
06 48 16 00-0007 EA 4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	171.97	36.62
<i>For Oak Or Maple, Add</i>	30.58	
<i>For Birch, Add</i>	34.53	
<i>For Mahogany, Add</i>	83.86	
<i>For Walnut Frame, Add</i>	44.40	
06 48 16 00-0008 EA 5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	182.95	39.62
<i>For Oak Or Maple, Add</i>	32.13	
<i>For Birch, Add</i>	36.27	
<i>For Mahogany, Add</i>	88.09	
<i>For Walnut Frame, Add</i>	46.64	
06 48 16 00-0009 EA 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim .....	192.75	42.13
<i>For Oak Or Maple, Add</i>	33.66	
<i>For Birch, Add</i>	38.01	
<i>For Mahogany, Add</i>	92.30	
<i>For Walnut Frame, Add</i>	48.87	
06 48 16 00-0010 LF 4-9/16", Pine Interior Door Frame .....	7.38	2.87
<i>For Oak Or Maple, Add</i>	0.51	
<i>For Birch, Add</i>	0.57	
<i>For Mahogany, Add</i>	1.39	
<i>For Walnut Frame, Add</i>	0.74	

## 06 50 Structural Plastics (06)

### 06 51 Structural Plastic Shapes and Plates (06 50)

#### 06 51 13 Plastic Lumber (06 51)

##### 06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0002 LF 2" x 6", Beam Or Girder, Recycled Plastic Lumber .....	12.55	1.93
<i>For Reinforced Structural Plastic Lumber, Add</i>	3.63	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	0.88	
<i>For White Color, Add</i>	4.17	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.53	
06 51 13 00-0003 LF 2" x 8", Beam Or Girder, Recycled Plastic Lumber .....	16.02	2.09
<i>For Reinforced Structural Plastic Lumber, Add</i>	4.82	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.17	
<i>For White Color, Add</i>	5.54	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.69	
06 51 13 00-0004 LF 2" x 10", Beam Or Girder, Recycled Plastic Lumber .....	19.18	2.26
<i>For Reinforced Structural Plastic Lumber, Add</i>	5.90	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.44	
<i>For White Color, Add</i>	6.78	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.74	
06 51 13 00-0005 LF 3" x 10", Beam Or Girder, Recycled Plastic Lumber .....	28.00	2.68
<i>For Reinforced Structural Plastic Lumber, Add</i>	8.95	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.18	
<i>For White Color, Add</i>	10.28	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.70	
06 51 13 00-0006 LF 3" x 12", Beam Or Girder, Recycled Plastic Lumber .....	33.54	3.01
<i>For Reinforced Structural Plastic Lumber, Add</i>	10.82	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.63	
<i>For White Color, Add</i>	12.42	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.52	
06 51 13 00-0007 LF 4" x 4", Beam Or Girder, Recycled Plastic Lumber .....	18.09	2.60
<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.29	
<i>For White Color, Add</i>	6.11	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
06 51 13 00-0008	LF 4" x 6", Beam Or Girder, Recycled Plastic Lumber.....	24.38	2.77
	<i>For Reinforced Structural Plastic Lumber, Add</i>	7.56	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.84	
	<i>For White Color, Add</i>	8.68	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.35	
06 51 13 00-0009	LF 5" x 5", Beam Or Girder, Recycled Plastic Lumber.....	25.38	2.85
	<i>For Reinforced Structural Plastic Lumber, Add</i>	7.88	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.92	
	<i>For White Color, Add</i>	9.05	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.67	
06 51 13 00-0010	LF 6" x 6", Beam Or Girder, Recycled Plastic Lumber.....	35.01	3.10
	<i>For Reinforced Structural Plastic Lumber, Add</i>	11.31	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	2.75	
	<i>For White Color, Add</i>	13.00	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.01	
06 51 13 00-0011	LF 6" x 8", Beam Or Girder, Recycled Plastic Lumber.....	47.77	3.27
	<i>For Reinforced Structural Plastic Lumber, Add</i>	15.94	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	3.88	
	<i>For White Color, Add</i>	18.31	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.51	
<b>06 51 13 00-0012</b>	<b>Joists, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0013	LF 2" x 4", Joist, Recycled Plastic Lumber.....	8.17	1.08
	<i>For Reinforced Structural Plastic Lumber, Add</i>	2.45	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	0.59	
	<i>For White Color, Add</i>	2.81	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.38	
06 51 13 00-0014	LF 2" x 6", Joist, Recycled Plastic Lumber.....	11.36	1.14
	<i>For Reinforced Structural Plastic Lumber, Add</i>	3.63	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	0.88	
	<i>For White Color, Add</i>	4.17	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.53	
06 51 13 00-0015	LF 2" x 8", Joist, Recycled Plastic Lumber.....	14.83	1.26
	<i>For Reinforced Structural Plastic Lumber, Add</i>	4.82	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.17	
	<i>For White Color, Add</i>	5.54	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.69	
06 51 13 00-0016	LF 2" x 10", Joist, Recycled Plastic Lumber.....	18.10	1.51
	<i>For Reinforced Structural Plastic Lumber, Add</i>	5.90	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.44	
	<i>For White Color, Add</i>	6.78	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.74	
06 51 13 00-0017	LF 3" x 10", Joist, Recycled Plastic Lumber.....	26.70	1.76
	<i>For Reinforced Structural Plastic Lumber, Add</i>	8.95	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	2.18	
	<i>For White Color, Add</i>	10.28	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.70	
06 51 13 00-0018	LF 3" x 12", Joist, Recycled Plastic Lumber.....	32.47	2.26
	<i>For Reinforced Structural Plastic Lumber, Add</i>	10.82	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	2.63	
	<i>For White Color, Add</i>	12.42	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.52	
06 51 13 00-0019	LF 4" x 4", Joist, Recycled Plastic Lumber.....	16.65	1.59
	<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.29	
	<i>For White Color, Add</i>	6.11	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51 13 00-0020	LF 4" x 6", Joist, Recycled Plastic Lumber.....	22.82	1.67
	<i>For Reinforced Structural Plastic Lumber, Add</i>	7.56	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.84	
	<i>For White Color, Add</i>	8.68	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.35	
06 51 13 00-0021	LF 5" x 5", Joist, Recycled Plastic Lumber.....	23.93	1.85
	<i>For Reinforced Structural Plastic Lumber, Add</i>	7.88	
	<i>Note: High-density polyethylene combined with fiberglass.</i>		
	<i>For Brown Color, Add</i>	1.92	
	<i>For White Color, Add</i>	9.05	
	<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0022 LF 6" x 6", Joist, Recycled Plastic Lumber.....	33.57	2.09
For Reinforced Structural Plastic Lumber, Add	11.31	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	2.75	
For White Color, Add	13.00	
For All Other Colors (Except Black, Brown Or White), Add	11.01	
06 51 13 00-0023 LF 6" x 8", Joist, Recycled Plastic Lumber.....	46.33	2.26
For Reinforced Structural Plastic Lumber, Add	15.94	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	3.88	
For White Color, Add	18.31	
For All Other Colors (Except Black, Brown Or White), Add	15.51	
<b>06 51 13 00-0024 Columns, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0025 LF 4" x 4", Column, Recycled Plastic Lumber.....	19.29	3.44
For Reinforced Structural Plastic Lumber, Add	5.32	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	1.29	
For White Color, Add	6.11	
For All Other Colors (Except Black, Brown Or White), Add	5.18	
06 51 13 00-0026 LF 4" x 6", Column, Recycled Plastic Lumber.....	27.37	4.86
For Reinforced Structural Plastic Lumber, Add	7.56	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	1.84	
For White Color, Add	8.68	
For All Other Colors (Except Black, Brown Or White), Add	7.35	
06 51 13 00-0027 LF 5" x 5", Column, Recycled Plastic Lumber.....	29.08	5.45
For Reinforced Structural Plastic Lumber, Add	7.88	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	1.92	
For White Color, Add	9.05	
For All Other Colors (Except Black, Brown Or White), Add	7.67	
06 51 13 00-0028 LF 6" x 6", Column, Recycled Plastic Lumber.....	39.44	6.20
For Reinforced Structural Plastic Lumber, Add	11.31	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	2.75	
For White Color, Add	13.00	
For All Other Colors (Except Black, Brown Or White), Add	11.01	
06 51 13 00-0029 LF 6" x 8", Column, Recycled Plastic Lumber.....	53.99	7.63
For Reinforced Structural Plastic Lumber, Add	15.94	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	3.88	
For White Color, Add	18.31	
For All Other Colors (Except Black, Brown Or White), Add	15.51	
<b>06 51 13 00-0030 Walls, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0031 LF 2" x 3", Walls, Recycled Plastic Lumber.....	7.33	1.08
For Reinforced Structural Plastic Lumber, Add	2.13	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	0.52	
For White Color, Add	2.45	
For All Other Colors (Except Black, Brown Or White), Add	2.08	
06 51 13 00-0032 LF 2" x 4", Walls, Recycled Plastic Lumber.....	8.41	1.26
For Reinforced Structural Plastic Lumber, Add	2.45	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	0.59	
For White Color, Add	2.81	
For All Other Colors (Except Black, Brown Or White), Add	2.38	
06 51 13 00-0033 LF 2" x 6", Walls, Recycled Plastic Lumber.....	11.72	1.34
For Reinforced Structural Plastic Lumber, Add	3.63	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	0.88	
For White Color, Add	4.17	
For All Other Colors (Except Black, Brown Or White), Add	3.53	
06 51 13 00-0034 LF 2" x 8", Walls, Recycled Plastic Lumber.....	15.06	1.42
For Reinforced Structural Plastic Lumber, Add	4.82	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	1.17	
For White Color, Add	5.54	
For All Other Colors (Except Black, Brown Or White), Add	4.69	
<b>06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber</b> <small>(06 51 13)</small>		
06 51 13 00-0036 LF 5/4" x 4", Other Shapes, Recycled Plastic Lumber.....	7.15	0.95
For Reinforced Structural Plastic Lumber, Add	2.11	
Note: High-density polyethylene combined with fiberglass.		
For Brown Color, Add	0.51	
For White Color, Add	2.42	
For All Other Colors (Except Black, Brown Or White), Add	2.05	

**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 51 13 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber .....	9.10		1.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.79		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.68		
		<i>For White Color, Add</i>	3.21		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.72		
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber .....	11.91		1.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.83		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.93		
		<i>For White Color, Add</i>	4.40		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.73		
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber .....	7.19		0.95
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.12		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.52		
		<i>For White Color, Add</i>	2.44		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.06		
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber .....	7.95		1.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.37		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.58		
		<i>For White Color, Add</i>	2.72		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.30		
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber .....	8.10		1.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.42		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.59		
		<i>For White Color, Add</i>	2.78		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.36		
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber .....	4.97		0.92
		<i>For Reinforced Structural Plastic Lumber, Add</i>	1.35		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.33		
		<i>For White Color, Add</i>	1.55		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.31		
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber .....	7.33		1.08
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.13		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.52		
		<i>For White Color, Add</i>	2.45		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.08		
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber .....	8.41		1.26
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.45		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.59		
		<i>For White Color, Add</i>	2.81		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.38		
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber .....	11.72		1.34
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.63		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.88		
		<i>For White Color, Add</i>	4.17		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.53		
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber .....	15.06		1.42
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.82		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.17		
		<i>For White Color, Add</i>	5.54		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.69		
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber .....	18.10		1.51
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.90		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.44		
		<i>For White Color, Add</i>	6.78		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.74		
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber .....	21.88		1.59
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.26		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.77		
		<i>For White Color, Add</i>	8.34		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.06		
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber .....	12.04		1.47
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.68		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.89		
		<i>For White Color, Add</i>	4.22		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.58		
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber .....	17.66		1.57
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.71		
		<i>Note: High-density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.39		
		<i>For White Color, Add</i>	6.56		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.55		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0051 LF 3" x 8", Other Shapes, Recycled Plastic Lumber .....	23.01	1.67
<i>For Reinforced Structural Plastic Lumber, Add</i>	7.64	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.86	
<i>For White Color, Add</i>	8.77	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.43	
06 51 13 00-0052 LF 3" x 10", Other Shapes, Recycled Plastic Lumber .....	26.70	1.76
<i>For Reinforced Structural Plastic Lumber, Add</i>	8.95	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.18	
<i>For White Color, Add</i>	10.28	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	8.70	
06 51 13 00-0053 LF 3" x 12", Other Shapes, Recycled Plastic Lumber .....	32.47	2.26
<i>For Reinforced Structural Plastic Lumber, Add</i>	10.82	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.63	
<i>For White Color, Add</i>	12.42	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.52	
06 51 13 00-0054 LF 4" x 4", Other Shapes, Recycled Plastic Lumber .....	16.65	1.59
<i>For Reinforced Structural Plastic Lumber, Add</i>	5.32	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.29	
<i>For White Color, Add</i>	6.11	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.18	
06 51 13 00-0055 LF 4" x 6", Other Shapes, Recycled Plastic Lumber .....	22.82	1.67
<i>For Reinforced Structural Plastic Lumber, Add</i>	7.56	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.84	
<i>For White Color, Add</i>	8.68	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.35	
06 51 13 00-0056 LF 4" x 8", Other Shapes, Recycled Plastic Lumber .....	30.69	1.82
<i>For Reinforced Structural Plastic Lumber, Add</i>	10.40	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.53	
<i>For White Color, Add</i>	11.94	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	10.12	
06 51 13 00-0057 LF 5" x 5", Other Shapes, Recycled Plastic Lumber .....	23.93	1.85
<i>For Reinforced Structural Plastic Lumber, Add</i>	7.88	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.92	
<i>For White Color, Add</i>	9.05	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.67	
06 51 13 00-0058 LF 6" x 6", Other Shapes, Recycled Plastic Lumber .....	33.57	2.09
<i>For Reinforced Structural Plastic Lumber, Add</i>	11.31	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.75	
<i>For White Color, Add</i>	13.00	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	11.01	
06 51 13 00-0059 LF 6" x 8", Other Shapes, Recycled Plastic Lumber .....	46.33	2.26
<i>For Reinforced Structural Plastic Lumber, Add</i>	15.94	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	3.88	
<i>For White Color, Add</i>	18.31	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.51	
06 51 13 00-0060 LF 6" x 12", Other Shapes, Recycled Plastic Lumber .....	65.42	2.52
<i>For Reinforced Structural Plastic Lumber, Add</i>	22.88	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	5.56	
<i>For White Color, Add</i>	26.28	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	22.26	
06 51 13 00-0061 LF 8" x 8", Other Shapes, Recycled Plastic Lumber .....	58.17	2.41
<i>For Reinforced Structural Plastic Lumber, Add</i>	20.25	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	4.92	
<i>For White Color, Add</i>	23.26	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	19.70	
06 51 13 00-0062 LF 8" x 10", Other Shapes, Recycled Plastic Lumber .....	99.40	2.52
<i>For Reinforced Structural Plastic Lumber, Add</i>	35.45	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	8.62	
<i>For White Color, Add</i>	40.72	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	34.49	
06 51 13 00-0063 LF 10" x 10", Other Shapes, Recycled Plastic Lumber .....	137.91	2.64
<i>For Reinforced Structural Plastic Lumber, Add</i>	49.64	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	12.08	
<i>For White Color, Add</i>	57.02	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	48.30	
06 51 13 00-0064 LF 2" Diameter, Other Shapes, Recycled Plastic Lumber .....	5.33	0.84
<i>For Reinforced Structural Plastic Lumber, Add</i>	1.53	
<i>Note: High-density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	0.37	
<i>For White Color, Add</i>	1.76	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.49	



**06 Wood, Plastics, and Composites****06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51	13 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber .....	15.32	1.08
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.09	
			<i>Note: High-density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.24	
			<i>For White Color, Add</i>	5.85	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.95	
06 51	13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber.....	16.89	1.26
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.58	
			<i>Note: High-density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.36	
			<i>For White Color, Add</i>	6.41	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.43	
06 51	13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber.....	20.91	1.51
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.94	
			<i>Note: High-density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.69	
			<i>For White Color, Add</i>	7.97	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.75	
06 51	13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber.....	46.30	1.76
			<i>For Reinforced Structural Plastic Lumber, Add</i>	16.20	
			<i>Note: High-density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	3.94	
			<i>For White Color, Add</i>	18.61	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	15.76	
06 51	13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	4.31	0.92
06 51	13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	6.30	0.95
06 51	13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	9.11	1.01
06 51	13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	11.60	1.06

**06 52 Plastic Structural Assemblies** (06 50)**06 52 13 Plastic Columns** (06 52)**06 52 13 00-0001 Round Fiberglass Columns** (06 52 13)

06 52	13 00-0002	LF	6" Diameter, Round Fiberglass Column.....	21.83	8.49
06 52	13 00-0003	LF	8" Diameter, Round Fiberglass Column.....	31.06	12.35
06 52	13 00-0004	LF	10" Diameter, Round Fiberglass Column.....	35.74	13.90
06 52	13 00-0005	LF	12" Diameter, Round Fiberglass Column.....	42.33	14.54
06 52	13 00-0006	LF	15" Diameter, Round Fiberglass Column.....	51.03	16.79
06 52	13 00-0007	EA	6" Diameter, Base And Cap For Round Fiberglass Columns .....	41.81	16.08
06 52	13 00-0008	EA	8" Diameter, Base And Cap For Round Fiberglass Columns .....	46.01	17.37
06 52	13 00-0009	EA	10" Diameter, Base And Cap For Round Fiberglass Columns .....	53.42	19.30
06 52	13 00-0010	EA	12" Diameter, Base And Cap For Round Fiberglass Columns .....	69.66	20.58
06 52	13 00-0011	EA	15" Diameter, Base And Cap For Round Fiberglass Columns .....	90.67	22.52

**06 52 13 00-0012 Fluted Fiberglass Columns** (06 52 13)

06 52	13 00-0013	LF	6" Diameter, Fluted Fiberglass Column.....	22.78	8.49
06 52	13 00-0014	LF	8" Diameter, Fluted Fiberglass Column.....	32.32	12.35
06 52	13 00-0015	LF	10" Diameter, Fluted Fiberglass Column.....	37.34	13.90
06 52	13 00-0016	LF	12" Diameter, Fluted Fiberglass Column.....	45.01	14.54
06 52	13 00-0017	LF	15" Diameter, Fluted Fiberglass Column.....	54.52	16.86
06 52	13 00-0018	EA	6" Diameter, Base And Cap For Fluted Fiberglass Columns .....	43.74	16.08
06 52	13 00-0019	EA	8" Diameter, Base And Cap For Fluted Fiberglass Columns .....	48.26	17.37
06 52	13 00-0020	EA	10" Diameter, Base And Cap For Fluted Fiberglass Columns .....	56.39	19.30
06 52	13 00-0021	EA	12" Diameter, Base And Cap For Fluted Fiberglass Columns .....	75.35	20.58
06 52	13 00-0022	EA	15" Diameter, Base And Cap For Fluted Fiberglass Columns .....	99.79	22.52

**06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns** (06 52 13)

06 52	13 00-0024	EA	8" Roman Ionic Cap And Base For Fiberglass Columns .....	140.66	19.30
06 52	13 00-0025	EA	10" Roman Ionic Cap And Base For Fiberglass Columns .....	185.20	22.52
06 52	13 00-0026	EA	12" Roman Ionic Cap And Base For Fiberglass Columns .....	234.91	25.73
06 52	13 00-0027	EA	8" Scamozzi Cap And Base For Fiberglass Columns .....	164.56	19.30
06 52	13 00-0028	EA	10" Scamozzi Cap And Base For Fiberglass Columns .....	197.48	22.52
06 52	13 00-0029	EA	12" Scamozzi Cap And Base For Fiberglass Columns .....	282.71	25.73
06 52	13 00-0030	EA	8" Corinthian Cap And Base For Fiberglass Columns .....	203.32	19.30
06 52	13 00-0031	EA	10" Corinthian Cap And Base For Fiberglass Columns .....	245.92	22.52
06 52	13 00-0032	EA	12" Corinthian Cap And Base For Fiberglass Columns .....	322.76	25.73
06 52	13 00-0033	EA	8" Temple Of Winds Cap And Base For Fiberglass Columns.....	142.60	19.30
06 52	13 00-0034	EA	10" Temple Of Winds Cap And Base For Fiberglass Columns.....	189.08	22.52
06 52	13 00-0035	EA	12" Temple Of Winds Cap And Base For Fiberglass Columns.....	238.79	25.73
06 52	13 00-0036	EA	8" Greek Erectheum Cap And Base For Fiberglass Columns.....	142.60	19.30
06 52	13 00-0037	EA	10" Greek Erectheum Cap And Base For Fiberglass Columns.....	170.99	22.52
06 52	13 00-0038	EA	12" Greek Erectheum Cap And Base For Fiberglass Columns.....	222.64	25.73

**06 53 Plastic Decking** (06 50)**06 53 16 Plastic Stair Treads** (06 53)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>06 53 16 00-0001</b> <b>Fiberglass Reinforced Plastic Stair Treads</b> <small>(06 53 16)</small> Note: Includes standard colors and anchors. Excludes stringers.		
06 53 16 00-0002    LF    1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer .....	48.14	3.33
06 53 16 00-0003    LF    1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer .....	65.15	4.00
06 53 16 00-0004    LF    2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer .....	91.31	4.41
 <b>06 60 Plastic Fabrications</b> <small>(06)</small>		
<b>06 65 Plastic Trim</b> <small>(06 60)</small>		
<b>06 65 00 00-0001</b> <b>Plastic Moldings</b> <small>(06 65)</small> Note: All dimensions are nominal.		
<b>06 65 00 00-0002</b> <b>Base, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0003    LF    3-1/2" High, Base, Plastic Molding.....	6.80	2.37
06 65 00 00-0004    LF    4-1/2" High, Base, Plastic Molding.....	8.30	2.98
06 65 00 00-0005    LF    3/4" x 1", Base Shoe, Plastic Molding.....	6.35	2.50
<b>06 65 00 00-0006</b> <b>Cornice, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0007    LF    1" x 2" Cornice, Plastic Molding .....	6.28	2.37
06 65 00 00-0008    LF    1" x 4" Cornice, Plastic Molding .....	7.71	2.50
06 65 00 00-0009    LF    1" x 6" Cornice, Plastic Molding .....	10.42	2.62
06 65 00 00-0010    LF    1" x 8" Cornice, Plastic Molding .....	11.92	2.74
06 65 00 00-0011    LF    1" x 10" Cornice, Plastic Molding .....	13.66	2.86
06 65 00 00-0012    LF    1" x 12" Cornice, Plastic Molding .....	17.34	2.98
<b>06 65 00 00-0013</b> <b>Crown Or Bed, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0014    LF    9/16" x 1-5/8" Crown Or Bed, Plastic Molding.....	10.88	2.37
06 65 00 00-0015    LF    9/16" x 2-1/4" Crown Or Bed, Plastic Molding.....	14.52	2.98
06 65 00 00-0016    LF    9/16" x 3-1/2" Crown Or Bed, Plastic Molding.....	15.11	2.98
06 65 00 00-0017    LF    9/16" x 3-5/8" Crown Or Bed, Plastic Molding.....	15.70	2.98
06 65 00 00-0018    LF    5/8" x 4-1/4" Crown Or Bed, Plastic Molding.....	20.40	3.57
06 65 00 00-0019    LF    11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	24.05	3.57
<b>06 65 00 00-0020</b> <b>Dentil, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0021    LF    11/16" x 1-3/8" Dentil, Plastic Molding .....	9.32	2.37
06 65 00 00-0022    LF    5/8" x 2-1/2" Dentil, Plastic Molding .....	10.43	2.37
06 65 00 00-0023    LF    1-3/8" x 3-3/8" Dentil, Plastic Molding .....	12.95	2.37
06 65 00 00-0024    LF    1-1/2" x 4-1/2" Dentil, Plastic Molding .....	17.28	2.37
<b>06 65 00 00-0025</b> <b>Cove, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0026    LF    3/8" x 3/8" Cove, Plastic Molding .....	3.62	1.31
06 65 00 00-0027    LF    1/2" x 1/2" Cove, Plastic Molding .....	3.92	1.31
06 65 00 00-0028    LF    5/8" x 5/8" Cove, Plastic Molding .....	5.14	1.55
06 65 00 00-0029    LF    3/4" x 3/4" Cove, Plastic Molding .....	5.14	1.55
06 65 00 00-0030    LF    15/16" x 15/16" Cove, Plastic Molding .....	6.45	1.55
06 65 00 00-0031    LF    9/16" x 1-3/4" Cove, Plastic Molding .....	8.39	1.78
06 65 00 00-0032    LF    11/16" x 2-3/4" Cove, Plastic Molding .....	11.15	1.78
<b>06 65 00 00-0033</b> <b>Chair Rail, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0034    LF    1/2" x 1-5/8" Chair Rail, Plastic Molding .....	6.02	1.78
06 65 00 00-0035    LF    5/8" x 2-1/2" Chair Rail, Plastic Molding .....	8.11	2.37
06 65 00 00-0036    LF    5/8" x 3-1/2" Chair Rail, Plastic Molding .....	9.80	2.37
<b>06 65 00 00-0037</b> <b>Door, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0038    LF    1-1/8" Wide, Door, Plastic Molding .....	5.29	2.14
06 65 00 00-0039    LF    1-1/8" Wide, Detailed Door, Plastic Molding .....	5.33	2.14
<b>06 65 00 00-0040</b> <b>Trim, Plastic Moldings</b> <small>(06 65 00 00-0001)</small>		
06 65 00 00-0041    LF    1/2" x 1/2" Quarter Round Trim, Plastic Molding.....	5.60	2.50
06 65 00 00-0042    LF    3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	7.61	2.50
06 65 00 00-0043    LF    1-1/4" x 2" Brick Mould, Plastic Molding .....	7.24	2.37
06 65 00 00-0044    LF    1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding .....	8.40	2.37
06 65 00 00-0045    LF    11/16" x 1-5/8" Drip Cap, Plastic Molding .....	6.11	2.37
06 65 00 00-0046    LF    2-3/4" x 2" Water Table, Plastic Molding .....	9.24	2.37
06 65 00 00-0047    LF    3/8" x 2" Garage Door Stop, Plastic Molding .....	6.75	2.37
<b>06 65 00 00-0048</b> <b>Extruded Polyvinyl Chloride (PVC) Trimboard</b> <small>(06 65)</small> Note: As manufactured by Azek or Kleer. All dimensions are nominal.		
06 65 00 00-0049    LF    1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.52	0.96

**06 Wood, Plastics, and Composites****06 60 Plastic Fabrications****06 65 Plastic Trim**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.50	1.07
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.52	1.19
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.28	1.22
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	12.21	1.25
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.56	0.96
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.09	1.07
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.30	1.19
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	12.72	1.22
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	14.93	1.25
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	12.15	1.22
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	16.15	1.25
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	8.50	1.07
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	12.26	1.19

**06 70 Structural Composites** (06)**06 74 Composite Gratings** (06 70)**06 74 13 Fiberglass Reinforced Gratings** (06 74)**06 74 13 00-0001 Molded Fiberglass Gratings And Coverings** (06 74 13)**06 74 13 00-0002 Vi-Corr Resin System** (06 74 13 00-0001)

Note: Orange or dark gray.

06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	47.19	2.40
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	45.85	2.40
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	59.66	2.40
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	64.71	3.07
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top.....	49.49	2.40
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	48.11	2.40
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	62.99	2.40
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top.....	67.84	3.07
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	44.62	1.92
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	72.06	2.11
06 74 13 00-0013	SF	3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	98.60	2.32

**06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin** (06 74 13 00-0001)

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	43.45	2.40
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	40.73	2.40
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	52.25	2.40
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	56.48	3.07
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	45.33	2.40
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	41.80	2.40
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	56.88	3.07
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	59.58	3.07
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	39.39	1.92
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	55.62	2.11
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	76.27	2.32

**06 74 13 00-0026 Corvex Polyester Resin** (06 74 13 00-0001)

Note: Dark gray.

06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top.....	36.95	2.40
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	35.51	2.40
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	42.93	2.40
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top.....	49.41	3.07
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top.....	39.34	2.40
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	37.88	2.40
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	45.70	2.40
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top.....	51.78	3.07
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering.....	34.83	1.92
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering.....	55.38	2.11
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering.....	76.66	2.32

**06 74 13 00-0038 XFR Extra Fire Retardant** (06 74 13 00-0001)

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	54.10	2.40
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	52.54	2.40
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	71.72	2.40
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	76.73	3.07
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top.....	56.44	2.40
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	54.91	2.40
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	74.49	2.40
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	80.09	3.07
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	51.05	1.92
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	82.34	2.11

**06 74 13 00-0049 ELS Extremely Low Smoke Resin** (06 74 13 00-0001)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0050	SF			1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	55.47	2.40
06 74 13 00-0051	SF			1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	53.81	2.40
06 74 13 00-0052	SF			1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	69.81	2.40
06 74 13 00-0053	SF			2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	74.93	3.07
06 74 13 00-0054	SF			1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	57.63	2.40
06 74 13 00-0055	SF			1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	56.27	2.40
06 74 13 00-0056	SF			1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	72.48	2.40
06 74 13 00-0057	SF			2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	77.63	3.07
06 74 13 00-0058	SF			1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering.....	57.01	1.92
06 74 13 00-0059	SF			1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering.....	102.49	2.11
06 74 13 00-0060				<b>Pultruded Fiberglass Grating</b> (06 74 13)		
06 74 13 00-0061				<b>ISOFR Isophthalic Polyester Resin System</b> (06 74 13 00-0060) Note: For moderately corrosive environments, green.		
06 74 13 00-0062				<b>1" ISOFR Isophthalic Polyester Resin System</b> (06 74 13 00-0061)		
06 74 13 00-0063	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	39.60	3.07
06 74 13 00-0064	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	35.20	2.40
06 74 13 00-0065	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	44.71	3.07
06 74 13 00-0066	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	41.38	2.40
06 74 13 00-0067	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	31.01	3.07
06 74 13 00-0068	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	27.52	2.40
06 74 13 00-0069	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	35.44	3.07
06 74 13 00-0070	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	32.05	2.40
06 74 13 00-0071				<b>1-1/2" ISOFR Isophthalic Polyester Resin System</b> (06 74 13 00-0061)		
06 74 13 00-0072	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	44.66	3.07
06 74 13 00-0073	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	40.38	2.40
06 74 13 00-0074	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	50.13	3.07
06 74 13 00-0075	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	47.07	2.40
06 74 13 00-0076	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	39.32	3.07
06 74 13 00-0077	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	35.93	2.40
06 74 13 00-0078				<b>2" ISOFR Isophthalic Polyester Resin System</b> (06 74 13 00-0061)		
06 74 13 00-0079	SF			2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	38.96	3.07
06 74 13 00-0080	SF			2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	43.05	3.07
06 74 13 00-0081	SF			2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	51.91	3.07
06 74 13 00-0082	SF			2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	49.01	3.07
06 74 13 00-0083				<b>VERF Vinyl Ester Resin System</b> (06 74 13 00-0083)		
06 74 13 00-0084				<b>1" VERF Vinyl Ester Resin System</b> (06 74 13 00-0083)		
06 74 13 00-0085	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	41.90	2.40
06 74 13 00-0086	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	37.52	2.40
06 74 13 00-0087	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	47.07	2.40
06 74 13 00-0088	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	53.96	2.40
06 74 13 00-0089	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin.....	32.27	2.40
06 74 13 00-0090	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin.....	28.89	2.40
06 74 13 00-0091	SF			1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	36.98	2.40
06 74 13 00-0092	SF			1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	33.97	2.40
06 74 13 00-0093				<b>1-1/2" VERF Vinyl Ester Resin System</b> (06 74 13 00-0083)		
06 74 13 00-0094	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	45.96	2.40
06 74 13 00-0095	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	41.63	2.40
06 74 13 00-0096	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	52.47	2.40
06 74 13 00-0097	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	49.02	2.40
06 74 13 00-0098	SF			1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	41.35	2.40
06 74 13 00-0099	SF			1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	38.13	2.40
06 74 13 00-0100				<b>2" VERF Vinyl Ester Resin System</b> (06 74 13 00-0083)		
06 74 13 00-0101	SF			2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	40.90	3.07
06 74 13 00-0102	SF			2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	37.77	3.07
06 74 13 00-0103	SF			2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin.....	54.63	3.07
06 74 13 00-0104	SF			2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin.....	53.07	3.07

**06 80 Composite Fabrications** (06)**06 82 Composite Trim** (06 80)

06 82 00 00-0001 Fiberglass Castings (06 82)

06 82 00 00-0002 Fiberglass Angle, Equal Legs (06 82 00 00-0001)

06 82 00 00-0003 LF 1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin..... 11.12 4.00

**06 Wood, Plastics, and Composites****06 80 Composite Fabrications****06 82 Composite Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0004	LF		1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	11.61	4.00
06 82 00 00-0005	LF		3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....	20.08	4.80
06 82 00 00-0006	LF		3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....	22.04	4.80
06 82 00 00-0007	LF		4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....	22.16	4.80
06 82 00 00-0008	LF		4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....	23.58	4.80
06 82 00 00-0009	LF		4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....	25.48	4.80
06 82 00 00-0010	LF		4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin .....	28.51	4.80
06 82 00 00-0011	LF		6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin .....	66.79	6.01
06 82 00 00-0012	LF		6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	76.58	6.01
<b>06 82 00 00-0013</b>			<b>Fiberglass Channels</b> (06 82 00 00-0001)		
06 82 00 00-0014	LF		3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	12.90	6.01
06 82 00 00-0015	LF		3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin .....	13.39	6.01
06 82 00 00-0016	LF		4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	25.69	6.80
06 82 00 00-0017	LF		4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin .....	25.69	6.80
06 82 00 00-0018	LF		6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin .....	39.43	6.80
06 82 00 00-0019	LF		6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin .....	45.61	6.80
06 82 00 00-0020	LF		8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	37.12	6.80
06 82 00 00-0021	LF		8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin .....	45.02	6.80
06 82 00 00-0022	LF		10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	56.61	9.34
06 82 00 00-0023	LF		10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin .....	64.58	9.34
<b>06 82 00 00-0024</b>			<b>Fiberglass Wide Flange Beams</b> (06 82 00 00-0001)		
06 82 00 00-0025	LF		4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	35.31	8.01
06 82 00 00-0026	LF		4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin .....	38.39	8.01
06 82 00 00-0027	LF		6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin .....	45.00	9.61
06 82 00 00-0028	LF		6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin .....	46.47	9.61
06 82 00 00-0029	LF		8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	71.60	12.00
06 82 00 00-0030	LF		8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin .....	89.00	12.00
06 82 00 00-0031	LF		10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	155.62	14.68
06 82 00 00-0032	LF		10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin .....	174.65	14.68
<b>06 82 00 00-0033</b>			<b>Fiberglass Flat Sheet</b> (06 82 00 00-0001)		
			Note: Not to be used for bathroom board.		
06 82 00 00-0034	SF		1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin .....	29.24	6.80
06 82 00 00-0035	SF		1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....	30.45	6.80
06 82 00 00-0036	SF		1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin .....	45.18	8.01
06 82 00 00-0037	SF		1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....	51.64	8.01
06 82 00 00-0038	SF		3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin .....	60.95	9.61
06 82 00 00-0039	SF		3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....	70.66	9.61
06 82 00 00-0040	SF		1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin .....	81.93	12.00
06 82 00 00-0041	SF		1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin .....	96.78	12.00
<b>06 82 00 00-0042</b>			<b>Fiberglass Bars</b> (06 82 00 00-0001)		
<b>06 82 00 00-0043</b>			<b>Square Bars</b> (06 82 00 00-0042)		
06 82 00 00-0044	LF		1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin .....	17.60	4.80
06 82 00 00-0045	LF		1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin .....	24.82	7.07
06 82 00 00-0046	LF		1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin .....	29.02	9.34
<b>06 82 00 00-0047</b>			<b>Round Bars</b> (06 82 00 00-0042)		
06 82 00 00-0048	LF		1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin.....	11.56	4.00
06 82 00 00-0049	LF		1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin .....	24.08	6.01
06 82 00 00-0050	LF		1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	27.03	6.01
06 82 00 00-0051	LF		1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin .....	35.27	6.01
06 82 00 00-0052	LF		1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin .....	42.06	6.80
<b>06 82 00 00-0053</b>			<b>Fiberglass Tubes</b> (06 82 00 00-0001)		
<b>06 82 00 00-0054</b>			<b>Square Tube</b> (06 82 00 00-0053)		
06 82 00 00-0055	LF		1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	12.89	4.00
06 82 00 00-0056	LF		1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....	13.84	4.00
06 82 00 00-0057	LF		2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin .....	18.76	4.80
06 82 00 00-0058	LF		2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....	20.44	4.80
06 82 00 00-0059	LF		3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	34.91	6.01
06 82 00 00-0060	LF		3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....	38.79	6.01
06 82 00 00-0061	LF		4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin .....	41.11	7.20
06 82 00 00-0062	LF		4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin .....	51.92	7.20
<b>06 82 00 00-0063</b>			<b>Round Tube</b> (06 82 00 00-0053)		
06 82 00 00-0064	LF		1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin .....	12.39	4.00
06 82 00 00-0065	LF		1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	12.82	4.00
06 82 00 00-0066	LF		2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin .....	22.50	4.80





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0067 LF 2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin .....	23.92	4.80
<b>06 82 00 00-0068 Fiberglass Threaded Rods</b> (06 82 00 00-0001)		
06 82 00 00-0069 LF 3/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin .....	16.08	3.07
06 82 00 00-0070 LF 1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin .....	17.07	3.07
06 82 00 00-0071 LF 5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin .....	19.58	3.47
06 82 00 00-0072 LF 3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin .....	21.49	3.47
06 82 00 00-0073 LF 1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin .....	23.66	3.47
<b>06 82 00 00-0074 Grating Support Legs, VEFR Resin</b> (06 82 00 00-0001)		
06 82 00 00-0075 EA Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings .....	14.44	
06 82 00 00-0076 EA Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings .....	6.19	
06 82 00 00-0077 EA Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	23.26	
<b>06 82 00 00-0078 Fiberglass Netting</b> (06 82 00 00-0001)		
06 82 00 00-0079 SF 1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting .....	0.87	0.42
06 82 00 00-0080 SF 1/2" x 2" Mesh, Clear Flexible Fiberglass Netting .....	0.87	0.42
06 82 00 00-0081 SF 3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting .....	0.87	0.42
06 82 00 00-0082 SF 7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting .....	0.87	0.42
06 82 00 00-0083 SF 1" x 1" Mesh, Clear Flexible Fiberglass Netting .....	0.87	0.42
06 82 00 00-0084 SF 1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.86	0.42
06 82 00 00-0085 SF 1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.86	0.42
06 82 00 00-0086 SF 3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.86	0.42
06 82 00 00-0087 SF 7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.86	0.42
06 82 00 00-0088 SF 1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.86	0.42
<b>06 82 00 00-0089 Fiberglass Stair Treads</b> (06 82)		
<b>06 82 00 00-0090 Fiberglass Stair Treads</b> (06 82 00 00-0089)		
<b>06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System</b> (06 82 00 00-0090)		
06 82 00 00-0092 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System .....	116.29	20.95
06 82 00 00-0093 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System .....	134.93	20.95
06 82 00 00-0094 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System .....	153.59	20.95
06 82 00 00-0095 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System .....	172.23	20.95
06 82 00 00-0096 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System .....	127.48	20.95
06 82 00 00-0097 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System .....	148.92	20.95
06 82 00 00-0098 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System .....	170.37	20.95
06 82 00 00-0099 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System .....	191.81	20.95
06 82 00 00-0100 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System .....	144.63	20.95
06 82 00 00-0101 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System .....	170.37	20.95
06 82 00 00-0102 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System .....	196.10	20.95
06 82 00 00-0103 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System .....	221.84	20.95
<b>06 82 00 00-0104 12" Deep Isophthalic Resin System</b> (06 82 00 00-0090)		
06 82 00 00-0105 EA 1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System .....	126.95	20.95
06 82 00 00-0106 EA 1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....	148.26	20.95
06 82 00 00-0107 EA 1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....	169.58	20.95
06 82 00 00-0108 EA 1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System .....	190.89	20.95
06 82 00 00-0109 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System .....	139.74	20.95
06 82 00 00-0110 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....	164.24	20.95
06 82 00 00-0111 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....	188.76	20.95
06 82 00 00-0112 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System .....	213.27	20.95
06 82 00 00-0113 EA 2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System .....	159.34	20.95
06 82 00 00-0114 EA 2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System .....	188.75	20.95
06 82 00 00-0115 EA 2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System .....	218.17	20.95
06 82 00 00-0116 EA 2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System .....	247.58	20.95
<b>06 82 00 00-0117 Other Fiberglass</b> (06 82)		
<b>06 82 00 00-0118 Fiberglass Splash Blocks</b> (06 82 00 00-0117)		
06 82 00 00-0119 EA Standard Size Fiberglass Splash Block .....	20.05	4.23
<b>06 83 Composite Paneling</b> (06 80)		
<b>06 83 16 Fiberglass Reinforced Paneling</b> (06 83)		
<b>06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels</b> (06 83 16)		
Note: Includes adhesive and trim.		
06 83 16 00-0002 SF Fiberglass Reinforced Polyester (FRP) Paneling.....	4.07	2.12
Note: Including Adhesive And Trim		



<b>06</b>	<b>06</b>	<b>Wood, Plastics, and Composites</b>
	06 80	Composite Fabrications
	06 83	Composite Paneling



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**END OF SECTION 06**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 07 Thermal And Moisture Protection

### 07 01 Operation and Maintenance of Thermal and Moisture Protection <sup>(07)</sup>

#### 07 01 50 Maintenance of Membrane Roofing <sup>(07 01)</sup>

##### 07 01 50 19 Preparation for Re-Roofing <sup>(07 01 50)</sup>

##### 07 01 50 19-0001 Preparation For Re-Roofing <sup>(07 01 50 19)</sup>

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal .....	93.45
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal .....	163.49

##### 07 01 50 81 Roof Replacement <sup>(07 01 50)</sup>

##### 07 01 50 81-0001 Roof Repair <sup>(07 01 50 81)</sup>

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	LF	Heat Weld Roofing Seams For Repair.....	6.70
------------------	----	---	------

##### 07 01 50 81-0003 Emergency Roof Patch <sup>(07 01 50 81)</sup>

Note: 4 Hour response time.

07 01 50 81-0004	EA	Mobilize For Emergency Roof Patching.....	649.76
07 01 50 81-0005	EA	Granule Emergency Roof Patch Cover 16 SF .....	79.55

##### 07 01 50 81-0006 Adhesives <sup>(07 01 50 81)</sup>

Note: For repair of seams.

##### 07 01 50 81-0007 Mastic Sealer <sup>(07 01 50 81-0006)</sup>

##### 07 01 50 81-0008 Applied At Joints Only <sup>(07 01 50 81-0007)</sup>

07 01 50 81-0009	LF	Mastic Sealer, 1/4" Bead At Joint .....	4.30
------------------	----	---	------

1.84

## 07 05 Common Work Results for Thermal and Moisture Protection

<sup>(07)</sup>

### 07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work <sup>(07 05)</sup>

#### 07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work <sup>(07 05 13)</sup>

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work.....	1,301.60
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work .....	973.86
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work .....	650.80
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work .....	324.62

## 07 10 Dampproofing and Waterproofing <sup>(07)</sup>

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

### 07 11 Dampproofing <sup>(07 10)</sup>

#### 07 11 13 Bituminous Dampproofing <sup>(07 11)</sup>

##### 07 11 13 00-0001 Fibrous Asphalt Dampproofing, Brush, Roller Or Spray <sup>(07 11 13)</sup>

07 11 13 00-0002	CSF	1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray .....	173.05
07 11 13 00-0003	CSF	2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing .....	259.68

##### 07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On <sup>(07 11 13)</sup>

07 11 13 00-0005	CSF	Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On.....	302.97
07 11 13 00-0006	CSF	Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing.....	478.46

##### 07 11 13 00-0007 Asphaltic Paint Dampproofing <sup>(07 11 13)</sup>

07 11 13 00-0008	CSF	1 Coat, Asphaltic Paint Dampproofing, Brushed On .....	136.62
07 11 13 00-0009	CSF	2 Coats, Brushed On, Asphaltic Paint Dampproofing .....	253.73

#### 07 11 19 Sheet Dampproofing <sup>(07 11)</sup>

##### 07 11 19 00-0001 Neoprene <sup>(07 11 19)</sup>

**07 Thermal And Moisture Protection****07 10 Dampproofing and Waterproofing****07 11 Dampproofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

07 11 19 00-0002 SF 1/16" Patch Neoprene Roof (5 To 20 SF).....35.06

**07 13 Sheet Waterproofing** (07 10)**07 13 13 Bituminous Sheet Waterproofing** (07 13)**07 13 13 00-0001 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped** (07 13 13)

07 13 13 00-0002 CSF 1 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....321.94 105.76  
 For 30 Lb. Felt, Add 82.82  
 For Application To Horizontal Surfaces, Deduct -31.73

07 13 13 00-0003 CSF 2 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....411.71 118.98  
 For 30 Lb. Felt, Add 130.33  
 For Application To Horizontal Surfaces, Deduct -35.69

07 13 13 00-0004 CSF 3 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....501.50 132.19  
 For 30 Lb. Felt, Add 177.83  
 For Application To Horizontal Surfaces, Deduct -39.66

07 13 13 00-0005 CSF 4 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....591.27 145.41  
 For 30 Lb. Felt, Add 225.33  
 For Application To Horizontal Surfaces, Deduct -43.62

07 13 13 00-0006 CSF 5 Ply, 15 Lb. Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped.....681.04 158.63  
 For 30 Lb. Felt, Add 272.84  
 For Application To Horizontal Surfaces, Deduct -47.59

**07 13 13 00-0007 Asphalt Coated Protective Board** (07 13 13)

07 13 13 00-0008 CSF 1/8" Asphalt Coated Protective Board.....253.74 104.29  
 For Application To Horizontal Surfaces, Deduct -34.78

07 13 13 00-0009 CSF 1/4" Asphalt Coated Protective Board.....323.36 108.30  
 For Application To Horizontal Surfaces, Deduct -36.10

07 13 13 00-0010 CSF 3/8" Asphalt Coated Protective Board.....407.14 112.85  
 For Application To Horizontal Surfaces, Deduct -37.60

07 13 13 00-0011 CSF 1/2" Asphalt Coated Protective Board.....450.90 117.39  
 For Application To Horizontal Surfaces, Deduct -39.14

**07 13 53 Elastomeric Sheet Waterproofing** (07 13)**07 13 53 00-0001 Rubberized Membrane Sheet** (07 13 53)

07 13 53 00-0002 SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface .....6.73 1.08  
 For Floor Surfaces, Deduct -1.05

**07 13 53 00-0003 Ethylene Propylene Diene Monomer (EPDM)** (07 13 53)

07 13 53 00-0004 CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane .....462.43 152.53  
 For Application To Horizontal Surfaces, Deduct -45.75

07 13 53 00-0005 CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane .....535.08 152.53  
 For Application To Horizontal Surfaces, Deduct -45.75

**07 13 53 00-0006 Butyl Sheet Waterproofing** (07 13 53)

07 13 53 00-0007 CSF 1/32" Butyl Sheet Waterproofing.....98.58 38.13  
 For Joint Taping, Add 13.72  
 For Each Additional Ply, Add 72.83  
 For Application To Horizontal Surfaces, Deduct -5.73

07 13 53 00-0008 CSF 1/16" Butyl Sheet Waterproofing.....117.79 38.13  
 For Joint Taping, Add 14.68  
 For Each Additional Ply, Add 86.27  
 For Application To Horizontal Surfaces, Deduct -5.73

**07 13 53 00-0009 Butyl With Nylon** (07 13 53)

07 13 53 00-0010 CSF 1/32" Butyl Elastomeric Waterproofing With Nylon .....109.56 38.13  
 For Joint Taping, Add 14.27  
 For Each Additional Ply, Add 80.51  
 For Application To Horizontal Surfaces, Deduct -5.73

07 13 53 00-0011 CSF 1/16" Butyl Elastomeric Waterproofing With Nylon .....121.91 38.13  
 For Joint Taping, Add 14.88  
 For Each Additional Ply, Add 89.16  
 For Application To Horizontal Surfaces, Deduct -5.73

**07 13 53 00-0012 Neoprene Sheet Waterproofing** (07 13 53)

07 13 53 00-0013 CSF 1/32" Neoprene Sheet Waterproofing .....172.74 38.13  
 For Joint Taping, Add 17.43  
 For Each Additional Ply, Add 124.74  
 For Application To Horizontal Surfaces, Deduct -5.73

07 13 53 00-0014 CSF 1/16" Neoprene Sheet Waterproofing .....254.51 38.13  
 For Joint Taping, Add 21.51  
 For Each Additional Ply, Add 181.98  
 For Application To Horizontal Surfaces, Deduct -5.73



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 13 53 00-0015 Neoprene With Nylon</b> (07 13 53)		
07 13 53 00-0016 CSF 1/32" Neoprene Elastomeric Waterproofing With Nylon .....	181.27	38.13
For Joint Taping, Add	17.85	
For Each Additional Ply, Add	130.71	
For Application To Horizontal Surfaces, Deduct	-5.73	
07 13 53 00-0017 CSF 1/16" Neoprene Elastomeric Waterproofing With Nylon .....	268.14	38.13
For Joint Taping, Add	22.20	
For Each Additional Ply, Add	191.52	
For Application To Horizontal Surfaces, Deduct	-5.73	
<b>07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene)</b> (07 13 53)		
07 13 53 00-0019 CSF 4 Mil Polyethylene Vapor Barrier .....	39.56	14.51
For Joint Taping, Add	9.36	
For Each Additional Ply, Add	30.90	
For Application To Horizontal Surfaces, Deduct	-4.82	
07 13 53 00-0020 CSF 6 Mil Polyethylene Vapor Barrier .....	40.93	14.51
For Joint Taping, Add	9.43	
For Each Additional Ply, Add	31.86	
For Application To Horizontal Surfaces, Deduct	-4.82	
07 13 53 00-0021 CSF 10 Mil Polyethylene Vapor Barrier .....	67.99	14.51
For Joint Taping, Add	10.78	
For Each Additional Ply, Add	50.80	
For Application To Horizontal Surfaces, Deduct	-4.82	
07 13 53 00-0022 CSF 60 Mil Polyethylene Vapor Barrier With Bentonite .....	122.28	14.51
Note: Includes seam tape, liquid mastic, anchors and termination bar.		
For Each Additional Ply, Add	89.17	
For Application To Horizontal Surfaces, Deduct	-5.35	
<b>07 13 53 00-0023 Plastic Vapor Barrier (PVC)</b> (07 13 53)		
07 13 53 00-0024 CSF 10 Mil Polyvinyl Chloride (PVC) Vapor Barrier .....	50.42	16.06
For Joint Taping, Add	9.91	
For Each Additional Ply, Add	38.51	
For Application To Horizontal Surfaces, Deduct	-4.82	
07 13 53 00-0025 CSF 20 Mil Polyvinyl Chloride (PVC) Vapor Barrier .....	64.95	16.65
For Joint Taping, Add	10.91	
For Each Additional Ply, Add	48.80	
For Application To Horizontal Surfaces, Deduct	-5.00	
07 13 53 00-0026 CSF 30 Mil Polyvinyl Chloride (PVC) Vapor Barrier .....	84.42	17.24
For Joint Taping, Add	12.15	
For Each Additional Ply, Add	62.54	
For Application To Horizontal Surfaces, Deduct	-5.17	
<b>07 13 53 00-0027 Vinyl Plastic Vapor Barrier</b> (07 13 53)		
07 13 53 00-0028 CSF 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4) .....	46.96	14.87
<b>07 13 55 Waterproofing Membrane</b> (07 13)		
<b>07 13 55 00-0001 Other Tasks</b> (07 13 55)		
Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
07 13 55 00-0002 SF Waterproofing Membrane System, (0 > 50) .....	9.88	
07 13 55 00-0003 SF Waterproofing Membrane System, (50 > 250) .....	6.95	
07 13 55 00-0004 SF Waterproofing Membrane System, (250 > 500) .....	4.91	
07 13 55 00-0005 SF Waterproofing Membrane System, (500 >) .....	3.30	
<b>07 14 Fluid-Applied Waterproofing</b> (07 10)		
<b>07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing</b> (07 14)		
<b>07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating</b> (07 14 13)		
07 14 13 00-0002 SF 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface .....	2.39	
Note: Includes primer.		
For Application To Horizontal Surfaces, Deduct	-0.20	
For Reinforcing Fabric, Add	0.54	
07 14 13 00-0003 SF 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface .....	2.83	
Note: Includes primer.		
For Application To Horizontal Surfaces, Deduct	-0.21	
For Reinforcing Fabric, Add	0.54	
<b>07 14 16 Cold Fluid-Applied Waterproofing</b> (07 14)		
<b>07 14 16 00-0001 Fluid Applied Rubber Based Polyurethane</b> (07 14 16)		
07 14 16 00-0002 SF 60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing .....	3.88	
For Application To Horizontal Surfaces, Deduct	-0.46	
07 14 16 00-0003 SF 90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing .....	4.44	
For Application To Horizontal Surfaces, Deduct	-0.48	

**07 Thermal And Moisture Protection****07 10 Dampproofing and Waterproofing****07 14 Fluid-Applied Waterproofing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing..... <i>For Application To Horizontal Surfaces, Deduct</i>	5.05 -0.51	
07 14 16 00-0005		<b>One Part Solution Of Chlorosulfonated Polyethylene Polymer</b> (07 14 16)		
07 14 16 00-0006	SF	15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer.....	2.66	
07 14 16 00-0007		<b>Copolymer Compound</b> (07 14 16)		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs.....	4.20	
07 14 16 00-0009		<b>Fluid Applied Neoprene</b> (07 14 16)		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene ..... <i>For Application To Horizontal Surfaces, Deduct</i>	522.10 -55.56	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene..... <i>For Application To Horizontal Surfaces, Deduct</i>	988.61 -109.00	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene..... <i>For Application To Horizontal Surfaces, Deduct</i>	1,613.34 -163.42	
<b>07 16</b>		<b>Cementitious and Reactive Waterproofing</b> (07 10)		
<b>07 16 13</b>		<b>Polymer Modified Cement Waterproofing</b> (07 16)		
07 16 13 00-0001	SF	Polymer Modified Cementitious Waterproofing Assembly, 2 Coats ..... Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.	5.63	
<b>07 16 16</b>		<b>Crystalline Waterproofing</b> (07 16)		
07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	7.20	
<b>07 16 19</b>		<b>Metal Oxide Waterproofing</b> (07 16)		
07 16 19 00-0001		<b>Metallic Oxide Waterproofing</b> (07 16 19) Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF	Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller) ..... <i>For Application To Horizontal Surfaces, Deduct</i>	612.71 -79.11	
<b>07 17</b>		<b>Bentonite Waterproofing</b> (07 10)		
<b>07 17 13</b>		<b>Bentonite Panel Waterproofing</b> (07 17)		
07 17 13 00-0001	CSF	3/16" Bentonite Waterproofing Panels ..... <i>For Application To Horizontal Surfaces, Deduct</i>	395.29 -37.34	124.43
07 17 13 00-0002	CSF	1/4" Bentonite Waterproofing Panels ..... <i>For Application To Horizontal Surfaces, Deduct</i>	371.68 -40.41	131.47
07 17 13 00-0003	CSF	5/8" Bentonite Waterproofing Panels ..... <i>For Application To Horizontal Surfaces, Deduct</i>	487.89 -41.12	137.10
07 17 13 00-0004	CSF	3/8" Granular Bentonite, Troweled..... <i>For Application To Horizontal Surfaces, Deduct</i>	395.24 -34.19	114.03
<b>07 18</b>		<b>Traffic Coatings</b> (07 10)		
<b>07 18 13</b>		<b>Pedestrian Traffic Coatings</b> (07 18)		
07 18 13 00-0001		<b>Traffic Coatings</b> (07 18 13)		
07 18 13 00-0002	SF	Standard Grey Urethane Traffic Coating..... Note: Primer, Base, and Intermediate coats.	5.04	0.38
<b>07 18 16</b>		<b>Vehicular Traffic Coatings</b> (07 18)		
07 18 16 00-0001		<b>Preparation For Vehicular Traffic Coating</b> (07 18 16) See CSI section 03 01 30 71-0021 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0002	SF	Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating .....	1.24	
07 18 16 00-0003	SF	Shot Blasting Concrete Surface For Vehicular Traffic Coating .....	2.82	
07 18 16 00-0004		<b>Vehicular Traffic Coating (Sika)</b> (07 18 16) Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0021 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0005	SF	23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720)..... Note: Excludes crack repair or caulking.	4.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0006 SF 12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) ..... Note: Excludes crack repair or caulking.	2.74	
07 18 16 00-0007 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) ..... Note: Excludes crack repair or caulking.	2.89	
07 18 16 00-0008 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) ..... Note: Excludes crack repair or caulking.	3.05	
07 18 16 00-0009 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL) ..... Note: Excludes crack repair or caulking.	3.19	
07 18 16 00-0010 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) ..... Note: Excludes crack repair or caulking.	3.01	
07 18 16 00-0011 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) ..... Note: Excludes crack repair or caulking.	3.25	
07 18 16 00-0012 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured) ..... Note: Excludes crack repair or caulking.	3.50	

**07 19 Water Repellents** (07 10)**07 19 13 Acrylic Sealer** (07 19)

Note: Per coat.

07 19 13 00-0001 SF Spray On Concrete, Acrylic Sealer .....	2.40	
07 19 13 00-0002 SF Spray On Concrete Block/Brick, Acrylic Sealer .....	2.86	
07 19 13 00-0003 SF Spray On Stone, Acrylic Sealer .....	3.13	

**07 19 16 Silane Water Repellents** (07 19)**07 19 16 00-0001 Silane Concrete Sealer** (07 19 16)

07 19 16 00-0002 SF Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....	0.73	
07 19 16 00-0003 SF Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB) .....	1.09	

**07 19 16 00-0004 Silane/Siloxane Concrete Sealer** (07 19 16)

07 19 16 00-0005 SF Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) ..... Note: 40% silane, alcohol based.	1.37	
07 19 16 00-0006 SF Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40) ..... Note: 40% silane, alcohol based.	2.01	
07 19 16 00-0007 SF Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) ..... Note: 200 SF/GAL	0.54	
07 19 16 00-0008 SF Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) .....	0.79	

**07 20 Thermal Protection** (07)**07 21 Thermal Insulation** (07 20)**07 21 13 Board Insulation** (07 21)

Note: Types are stock sizes, mastic applied.

**07 21 13 13 Foam Board Insulation** (07 21 13)**07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation** (07 21 13 13)**07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation** (07 21 13 13-0001)

07 21 13 13-0003 SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	4.26	0.41
	-0.07	
	0.05	
07 21 13 13-0004 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied ..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	5.97	0.41
	-0.07	
	0.05	
07 21 13 13-0005 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	7.13	0.42
	-0.07	
	0.05	
07 21 13 13-0006 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied ..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	9.42	0.43
	-0.07	
	0.05	

**07 21 13 13-0007 Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation** (07 21 13 13-0001)



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0008	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.85	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0009	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.93	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0010	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.21	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0011	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.49	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0012	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	3.60	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0013	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	4.72	0.43
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0014	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	5.82	0.44
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0015	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	6.94	0.45
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0016	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	8.05	0.46
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0017			<b>Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation</b> (07 21 13 13-0001)		
			Note: 15 PSI compressive strength.		
07 21 13 13-0018	SF		3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.08	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.23	
			<i>For 40 PSI Compressive Strength, Add</i>	0.54	
			<i>For 60 PSI Compressive Strength, Add</i>	0.85	
			<i>For 115 PSI Compressive Strength, Add</i>	3.69	
07 21 13 13-0019	SF		1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.44	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.28	
			<i>For 40 PSI Compressive Strength, Add</i>	0.67	
			<i>For 60 PSI Compressive Strength, Add</i>	1.06	
			<i>For 115 PSI Compressive Strength, Add</i>	4.62	
07 21 13 13-0020	SF		3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.73	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.33	
			<i>For 40 PSI Compressive Strength, Add</i>	0.78	
			<i>For 60 PSI Compressive Strength, Add</i>	1.22	
			<i>For 115 PSI Compressive Strength, Add</i>	5.34	
07 21 13 13-0021	SF		1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.89	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.35	
			<i>For 40 PSI Compressive Strength, Add</i>	0.84	
			<i>For 60 PSI Compressive Strength, Add</i>	1.32	
			<i>For 115 PSI Compressive Strength, Add</i>	5.75	
07 21 13 13-0022	SF		2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	4.40	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.59	
			<i>For 40 PSI Compressive Strength, Add</i>	1.41	
			<i>For 60 PSI Compressive Strength, Add</i>	2.18	
			<i>For 115 PSI Compressive Strength, Add</i>	9.58	
07 21 13 13-0023	SF		3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	5.92	0.43
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.83	
			<i>For 40 PSI Compressive Strength, Add</i>	1.98	
			<i>For 60 PSI Compressive Strength, Add</i>	3.05	
			<i>For 115 PSI Compressive Strength, Add</i>	13.44	
07 21 13 13-0024	SF		4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	6.68	0.44
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.95	
			<i>For 40 PSI Compressive Strength, Add</i>	2.26	
			<i>For 60 PSI Compressive Strength, Add</i>	3.49	
			<i>For 115 PSI Compressive Strength, Add</i>	15.36	
07 21 13 13-0025			<b>Mechanically Fastened Foam Board Insulation</b> (07 21 13 13)		
			Note: Mechanically fastened to wood or steel.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation</b> <small>(07 21 13 13-0025)</small>		
<i>Note: Mechanically fastened to wood or steel.</i>		
07 21 13 13-0027 SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened .....	4.19	0.41
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 21 13 13-0028 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened .....	6.01	0.41
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 21 13 13-0029 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened .....	7.16	0.42
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 21 13 13-0030 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened .....	9.55	0.43
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
<b>07 21 13 13-0031 Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation</b> <small>(07 21 13 13-0025)</small>		
07 21 13 13-0032 SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....	1.78	0.40
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 21 13 13-0033 SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....	1.85	0.40
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 21 13 13-0034 SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS) .....	2.13	0.41
<i>For Horizontal Surface Application, Deduct</i>		
<i>For Vapor Barrier, Integral With Insulation, Add</i>		
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 21 13 13-0035	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.42	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 13-0036	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.64	0.42
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 21 13 13-0037	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.84	0.43
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 21 13 13-0038	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	6.11	0.44
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 21 13 13-0039	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	7.42	0.45
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
	<i>For Mechanically Fastened To Gypsum, Add</i>	2.32	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	7.50	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 21 13 13-0040	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	8.83	0.46
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 21 13 13-0041	Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation <small>(07 21 13 13-0025)</small>		
	Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 21 13 13-0042	SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened .....	2.00	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.19	
	<i>For 40 PSI Compressive Strength, Add</i>	0.46	
	<i>For 60 PSI Compressive Strength, Add</i>	0.74	
	<i>For 115 PSI Compressive Strength, Add</i>	3.16	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0043 SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.36	0.40
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.25	
For 40 PSI Compressive Strength, Add	0.59	
For 60 PSI Compressive Strength, Add	0.94	
For 115 PSI Compressive Strength, Add	4.09	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.03	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 21 13 13-0044 SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.64	0.41
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.29	
For 40 PSI Compressive Strength, Add	0.70	
For 60 PSI Compressive Strength, Add	1.11	
For 115 PSI Compressive Strength, Add	4.81	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.03	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 21 13 13-0045 SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.82	0.41
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.32	
For 40 PSI Compressive Strength, Add	0.76	
For 60 PSI Compressive Strength, Add	1.20	
For 115 PSI Compressive Strength, Add	5.22	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.01	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.03	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 21 13 13-0046 SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	4.44	0.42
For Horizontal Surface Application, Deduct	-0.09	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.57	
For 40 PSI Compressive Strength, Add	1.36	
For 60 PSI Compressive Strength, Add	2.12	
For 115 PSI Compressive Strength, Add	9.31	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.48	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.10	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.73	
07 21 13 13-0047 SF 3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	6.05	0.43
For Horizontal Surface Application, Deduct	-0.09	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.83	
For 40 PSI Compressive Strength, Add	1.97	
For 60 PSI Compressive Strength, Add	3.05	
For 115 PSI Compressive Strength, Add	13.40	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	1.97	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.22	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.34	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.00	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 21 13 13-0048	SF 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened .....	6.97	0.44
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For 25 PSI Compressive Strength, Add</i>	0.97	
	<i>For 40 PSI Compressive Strength, Add</i>	2.31	
	<i>For 60 PSI Compressive Strength, Add</i>	3.58	
	<i>For 115 PSI Compressive Strength, Add</i>	15.74	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
<b>07 21 13 16</b>	<b>Fibrous Board Insulation</b> (07 21 13)		
07 21 13 16-0001	Cold Adhesive Applied Fibrous Board Insulation (07 21 13 16)		
07 21 13 16-0002	Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0001)		
07 21 13 16-0003	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied .....	2.69	0.51
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0004	SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied .....	3.99	0.61
	<i>For Horizontal Surface Application, Deduct</i>	-0.10	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0005	SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied .....	5.27	0.72
	<i>For Horizontal Surface Application, Deduct</i>	-0.12	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0006	Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation (07 21 13 16-0001)		
07 21 13 16-0007	SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....	4.91	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0008	SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....	5.78	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0009	SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....	7.16	0.42
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0010	SF 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....	8.27	0.42
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0011	SF 3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied .....	9.38	0.43
	<i>For Horizontal Surface Application, Deduct</i>	-0.07	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0012	Mechanically Fastened Fibrous Board Insulation (07 21 13 16)		
	Note: Mechanically fastened to wood or steel.		
07 21 13 16-0013	Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation (07 21 13 16-0012)		
	Note: Mechanically fastened to wood or steel.		
07 21 13 16-0014	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened .....	2.49	0.51
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Factory Painted On One Surface Add</i>	0.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0015 SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.87	0.61
<i>For Horizontal Surface Application, Deduct</i>	-0.10	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 21 13 16-0016 SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	5.25	0.72
<i>For Horizontal Surface Application, Deduct</i>	-0.12	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
<b>07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation</b> <small>(07 21 13 16-0012)</small>		
Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018 SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.85	0.41
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 16-0019 SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened .....	5.82	0.41
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 16-0020 SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	7.19	0.42
<i>For Horizontal Surface Application, Deduct</i>	-0.09	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 21 13 16-0021 SF 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened .....	8.40	0.42
<i>For Horizontal Surface Application, Deduct</i>	-0.09	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0022	SF		3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	9.51	0.43
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
<b>07 21 13 19</b>			<b>Mineral Board Insulation (07 21 13)</b>		
07 21 13 19-0001			Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)		
07 21 13 19-0002			Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0001)		
07 21 13 19-0003	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	2.03	0.46
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0004	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	2.42	0.48
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0005	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	2.83	0.51
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0006	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	3.55	0.56
			<i>For Horizontal Surface Application, Deduct</i>	-0.10	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0007	SF		2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	4.26	0.61
			<i>For Horizontal Surface Application, Deduct</i>	-0.10	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0008	SF		3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied .....	5.68	0.72
			<i>For Horizontal Surface Application, Deduct</i>	-0.12	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 19-0009			Mechanically Fastened Mineral Board Insulation (07 21 13 19) Note: Mechanically fastened to wood or steel.		
07 21 13 19-0010			Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0009) Note: Mechanically fastened to wood or steel.		
07 21 13 19-0011	SF		1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.82	0.46
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 19-0012	SF		25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.22	0.48
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 19-0013	SF		1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.62	0.51
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.01	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.03	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0014 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened .....	3.43	0.56
<i>For Horizontal Surface Application, Deduct</i>	-0.10	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 21 13 19-0015 SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	4.14	0.61
<i>For Horizontal Surface Application, Deduct</i>	-0.10	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.10	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 21 13 19-0016 SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	5.66	0.72
<i>For Horizontal Surface Application, Deduct</i>	-0.12	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
<b>07 21 16 Blanket Insulation (07 21)</b>		
Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.		
07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)		
Note: Rolls or batts.		
07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0003 SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation .....	1.42	0.45
<i>For &gt;1,600, Deduct</i>	-0.15	
07 21 16 00-0004 SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation .....	1.52	0.45
<i>For &gt;1,600, Deduct</i>	-0.17	
07 21 16 00-0005 SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation .....	1.56	0.45
<i>For &gt;1,600, Deduct</i>	-0.18	
07 21 16 00-0006 SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation .....	2.07	0.45
<i>For &gt;1,600, Deduct</i>	-0.27	
07 21 16 00-0007 SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation .....	1.76	0.45
<i>For &gt;1,600, Deduct</i>	-0.21	
07 21 16 00-0008 SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation .....	2.43	0.57
<i>For &gt;1,600, Deduct</i>	-0.32	
07 21 16 00-0009 SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.76	0.57
<i>For &gt;1,600, Deduct</i>	-0.36	
07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0011 SF 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.35	0.45
<i>For &gt;1,600, Deduct</i>	-0.14	
07 21 16 00-0012 SF 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.47	0.45
<i>For &gt;1,600, Deduct</i>	-0.16	
07 21 16 00-0013 SF 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.93	0.45
<i>For &gt;1,600, Deduct</i>	-0.25	
07 21 16 00-0014 SF 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	1.99	0.45
<i>For &gt;1,600, Deduct</i>	-0.26	
07 21 16 00-0015 SF 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.71	0.45
<i>For &gt;1,600, Deduct</i>	-0.20	
07 21 16 00-0016 SF 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	2.29	0.57
<i>For &gt;1,600, Deduct</i>	-0.29	
07 21 16 00-0017 SF 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	2.67	0.57
<i>For &gt;1,600, Deduct</i>	-0.34	
07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0019 SF 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation .....	1.61	0.45
<i>For &gt;1,600, Deduct</i>	-0.19	
07 21 16 00-0020 SF 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation .....	1.79	0.45
<i>For &gt;1,600, Deduct</i>	-0.22	
07 21 16 00-0021 SF 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation .....	2.01	0.45
<i>For &gt;1,600, Deduct</i>	-0.26	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....		2.83	0.57
		<i>For &gt;1,600, Deduct</i>		-0.38	
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation .....		3.09	0.57
		<i>For &gt;1,600, Deduct</i>		-0.43	
<b>07 21 16 00-0024</b>		<b>Poly-Encapsulated, Fiberglass Flexible Insulation</b> <small>(07 21 16 00-0001)</small>			
07 21 16 00-0025	SF	3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation .....		1.45	0.45
		<i>For &gt;1,600, Deduct</i>		-0.16	
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation .....		1.56	0.45
		<i>For &gt;1,600, Deduct</i>		-0.18	
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation .....		2.13	0.45
		<i>For &gt;1,600, Deduct</i>		-0.29	
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation .....		1.78	0.45
		<i>For &gt;1,600, Deduct</i>		-0.21	
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation .....		2.36	0.57
		<i>For &gt;1,600, Deduct</i>		-0.32	
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation .....		2.67	0.57
		<i>For &gt;1,600, Deduct</i>		-0.34	
<b>07 21 16 00-0031</b>		<b>Mineral Wool Flexible Insulation</b> <small>(07 21 16)</small>			
<b>07 21 16 00-0032</b>		<b>Kraft Faced, Mineral Wool Flexible Insulation</b> <small>(07 21 16 00-0031)</small>			
07 21 16 00-0033	SF	3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation .....		1.58	0.45
		<i>For &gt;1,600, Deduct</i>		-0.18	
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation .....		2.09	0.45
		<i>For &gt;1,600, Deduct</i>		-0.27	
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation .....		3.22	0.45
		<i>For &gt;1,600, Deduct</i>		-0.48	
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation .....		3.83	0.45
		<i>For &gt;1,600, Deduct</i>		-0.57	
<b>07 21 16 00-0037</b>		<b>Unfaced, Mineral Wool Flexible Insulation</b> <small>(07 21 16 00-0031)</small>			
07 21 16 00-0038	SF	3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation .....		1.47	0.45
		<i>For &gt;1,600, Deduct</i>		-0.16	
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation .....		1.92	0.45
		<i>For &gt;1,600, Deduct</i>		-0.24	
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation .....		2.91	0.45
		<i>For &gt;1,600, Deduct</i>		-0.42	
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation .....		3.45	0.45
		<i>For &gt;1,600, Deduct</i>		-0.50	
<b>07 21 19</b>		<b>Foamed-In-Place Insulation</b> <small>(07 21)</small>			
<b>07 21 19 00-0001</b>		<b>Polyurethane Foam Insulation, Sprayed On</b> <small>(07 21 19)</small>			
07 21 19 00-0002	EA	Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge .....		1,505.82	
		Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.			
07 21 19 00-0003	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....		1.54	
		<i>For Up To 250 SF, Add</i>		0.58	
		<i>For &gt;250 To 500 SF, Add</i>		0.29	
		<i>For &gt;500 To 1,000 SF, Add</i>		0.12	
		<i>For &gt;5,000 To 10,000 SF, Deduct</i>		-0.18	
		<i>For &gt;10,000 SF, Deduct</i>		-0.46	
07 21 19 00-0004	SF	1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....		2.10	
		<i>For Up To 250 SF, Add</i>		0.77	
		<i>For &gt;250 To 500 SF, Add</i>		0.38	
		<i>For &gt;500 To 1,000 SF, Add</i>		0.16	
		<i>For &gt;5,000 To 10,000 SF, Deduct</i>		-0.24	
		<i>For &gt;10,000 SF, Deduct</i>		-0.60	
07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....		2.64	
		<i>For Up To 250 SF, Add</i>		0.94	
		<i>For &gt;250 To 500 SF, Add</i>		0.47	
		<i>For &gt;500 To 1,000 SF, Add</i>		0.20	
		<i>For &gt;5,000 To 10,000 SF, Deduct</i>		-0.30	
		<i>For &gt;10,000 SF, Deduct</i>		-0.74	
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....		3.19	
		<i>For Up To 250 SF, Add</i>		1.12	
		<i>For &gt;250 To 500 SF, Add</i>		0.56	
		<i>For &gt;500 To 1,000 SF, Add</i>		0.24	
		<i>For &gt;5,000 To 10,000 SF, Deduct</i>		-0.36	
		<i>For &gt;10,000 SF, Deduct</i>		-0.88	
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....		3.74	
		<i>For Up To 250 SF, Add</i>		1.30	
		<i>For &gt;250 To 500 SF, Add</i>		0.65	
		<i>For &gt;500 To 1,000 SF, Add</i>		0.28	
		<i>For &gt;5,000 To 10,000 SF, Deduct</i>		-0.42	
		<i>For &gt;10,000 SF, Deduct</i>		-1.02	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
07 21 19 00-0008 SF 3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....	4.28	
For Up To 250 SF, Add	1.48	
For >250 To 500 SF, Add	0.74	
For >500 To 1,000 SF, Add	0.32	
For >5,000 To 10,000 SF, Deduct	-0.48	
For >10,000 SF, Deduct	-1.16	
07 21 19 00-0009 SF 4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.83	
For Up To 250 SF, Add	1.66	
For >250 To 500 SF, Add	0.83	
For >500 To 1,000 SF, Add	0.36	
For >5,000 To 10,000 SF, Deduct	-0.53	
For >10,000 SF, Deduct	-1.30	
07 21 19 00-0010 SF 4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....	5.38	
For Up To 250 SF, Add	1.84	
For >250 To 500 SF, Add	0.92	
For >500 To 1,000 SF, Add	0.40	
For >5,000 To 10,000 SF, Deduct	-0.59	
For >10,000 SF, Deduct	-1.44	
07 21 19 00-0011 SF 5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	5.91	
For Up To 250 SF, Add	2.01	
For >250 To 500 SF, Add	1.00	
For >500 To 1,000 SF, Add	0.43	
For >5,000 To 10,000 SF, Deduct	-0.65	
For >10,000 SF, Deduct	-1.57	
07 21 19 00-0012 SF 5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation .....	6.47	
For Up To 250 SF, Add	2.19	
For >250 To 500 SF, Add	1.10	
For >500 To 1,000 SF, Add	0.47	
For >5,000 To 10,000 SF, Deduct	-0.71	
For >10,000 SF, Deduct	-1.72	
07 21 19 00-0013 SF 6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	7.01	
For Up To 250 SF, Add	2.37	
For >250 To 500 SF, Add	1.18	
For >500 To 1,000 SF, Add	0.51	
For >5,000 To 10,000 SF, Deduct	-0.77	
For >10,000 SF, Deduct	-1.86	
07 21 19 00-0014 SF 1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	2.99	
For Up To 250 SF, Add	1.12	
For >250 To 500 SF, Add	0.56	
For >500 To 1,000 SF, Add	0.24	
For >5,000 To 10,000 SF, Deduct	-0.35	
For >10,000 SF, Deduct	-0.88	
07 21 19 00-0015 SF 1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	3.97	
For Up To 250 SF, Add	1.42	
For >250 To 500 SF, Add	0.71	
For >500 To 1,000 SF, Add	0.30	
For >5,000 To 10,000 SF, Deduct	-0.45	
For >10,000 SF, Deduct	-1.11	
07 21 19 00-0016 SF 2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	4.83	
For Up To 250 SF, Add	1.66	
For >250 To 500 SF, Add	0.83	
For >500 To 1,000 SF, Add	0.36	
For >5,000 To 10,000 SF, Deduct	-0.53	
For >10,000 SF, Deduct	-1.30	
07 21 19 00-0017 SF 2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	5.80	
For Up To 250 SF, Add	1.95	
For >250 To 500 SF, Add	0.98	
For >500 To 1,000 SF, Add	0.42	
For >5,000 To 10,000 SF, Deduct	-0.63	
For >10,000 SF, Deduct	-1.53	
07 21 19 00-0018 SF 3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	6.66	
For Up To 250 SF, Add	2.19	
For >250 To 500 SF, Add	1.10	
For >500 To 1,000 SF, Add	0.48	
For >5,000 To 10,000 SF, Deduct	-0.71	
For >10,000 SF, Deduct	-1.72	
07 21 19 00-0019 SF 3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	7.65	
For Up To 250 SF, Add	2.50	
For >250 To 500 SF, Add	1.25	
For >500 To 1,000 SF, Add	0.54	
For >5,000 To 10,000 SF, Deduct	-0.82	
For >10,000 SF, Deduct	-1.95	
07 21 19 00-0020 SF 4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	8.51	
For Up To 250 SF, Add	2.74	
For >250 To 500 SF, Add	1.37	
For >500 To 1,000 SF, Add	0.60	
For >5,000 To 10,000 SF, Deduct	-0.90	
For >10,000 SF, Deduct	-2.14	
07 21 19 00-0021 SF 4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	9.48	
For Up To 250 SF, Add	3.03	
For >250 To 500 SF, Add	1.52	
For >500 To 1,000 SF, Add	0.66	
For >5,000 To 10,000 SF, Deduct	-1.00	
For >10,000 SF, Deduct	-2.37	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 21 19 00-0022	SF 5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	10.34	
	For Up To 250 SF, Add	3.27	
	For >250 To 500 SF, Add	1.64	
	For >500 To 1,000 SF, Add	0.72	
	For >5,000 To 10,000 SF, Deduct	-1.08	
	For >10,000 SF, Deduct	-2.56	
07 21 19 00-0023	SF 5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	11.32	
	For Up To 250 SF, Add	3.58	
	For >250 To 500 SF, Add	1.79	
	For >500 To 1,000 SF, Add	0.78	
	For >5,000 To 10,000 SF, Deduct	-1.18	
	For >10,000 SF, Deduct	-2.79	
07 21 19 00-0024	SF 6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation .....	12.18	
	For Up To 250 SF, Add	3.81	
	For >250 To 500 SF, Add	1.91	
	For >500 To 1,000 SF, Add	0.84	
	For >5,000 To 10,000 SF, Deduct	-1.26	
	For >10,000 SF, Deduct	-2.97	
07 21 19 00-0025	Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)		
07 21 19 00-0026	LF Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame .....	4.98	
07 21 19 00-0027	LF Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame .....	6.21	
07 21 19 00-0028	LF Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame .....	7.45	
07 21 19 00-0029	LF Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame.....	8.74	
07 21 19 00-0030	LF Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame.....	10.13	
07 21 19 00-0031	Expanding Foam Insulation To Fill Window Frames (07 21 19)		
07 21 19 00-0032	LF Expanding Foam Insulation To Fill Window Frame.....	4.87	
<b>07 21 23</b>	<b>Loose-Fill Insulation (07 21)</b>		
07 21 23 00-0001	Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation .....	6.80	2.62
07 21 23 00-0003	CF R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation.....	6.83	2.62
07 21 23 00-0004	Concrete Block Wall Cavity Insulation (07 21 23)		
07 21 23 00-0005	CF R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation.....	9.14	2.62
07 21 23 00-0006	CF R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation.....	9.06	2.62
<b>07 21 26</b>	<b>Blown Insulation (07 21)</b>		
07 21 26 00-0001	Fiberglass Blown-In Insulation (07 21 26)		
07 21 26 00-0002	Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0003	SF 4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation.....	1.50	1.20
07 21 26 00-0004	SF 5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation.....	1.68	1.33
07 21 26 00-0005	SF 6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation.....	1.86	1.45
07 21 26 00-0006	SF 7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation.....	2.08	1.57
07 21 26 00-0007	SF 8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation.....	2.21	1.63
07 21 26 00-0008	SF 10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation.....	2.39	1.69
07 21 26 00-0009	SF 11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	2.57	1.75
07 21 26 00-0010	SF 12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation.....	2.70	1.81
07 21 26 00-0011	SF 13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation.....	2.89	1.93
07 21 26 00-0012	SF 14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	3.05	1.99
07 21 26 00-0013	SF 16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	3.28	2.05
07 21 26 00-0014	SF 18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	3.56	2.17
07 21 26 00-0015	SF 21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	4.13	2.41
07 21 26 00-0016	New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0017	SF 3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation .....	2.20	1.20
07 21 26 00-0018	SF 5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation .....	2.95	1.45
07 21 26 00-0019	SF 7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation .....	3.49	1.57
07 21 26 00-0020	SF 9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation .....	4.16	1.69
07 21 26 00-0021	Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
	Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation .....	2.09	1.20
07 21 26 00-0023	SF 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation .....	2.84	1.45
07 21 26 00-0024	SF 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation .....	3.39	1.57
07 21 26 00-0025	SF 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation .....	4.06	1.69
07 21 26 00-0026	Cellulose Blown-In Insulation (07 21 26)		
07 21 26 00-0027	Attic, Cellulose Blown-In Insulation (07 21 26 00-0026)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0028 SF 3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation .....	1.47	1.20
07 21 26 00-0029 SF 5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation .....	1.75	1.33
07 21 26 00-0030 SF 6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation .....	1.95	1.45
07 21 26 00-0031 SF 7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation .....	2.23	1.57
07 21 26 00-0032 SF 8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation .....	2.27	1.57
07 21 26 00-0033 SF 10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation .....	2.61	1.69
07 21 26 00-0034 SF 11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation .....	2.66	1.69
07 21 26 00-0035 SF 12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation .....	2.91	1.81
07 21 26 00-0036 SF 13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation .....	3.06	1.81
07 21 26 00-0037 SF 15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation .....	3.30	1.93
07 21 26 00-0038 SF 16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation .....	3.45	1.93
<b>07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation</b> (07 21 26 00-0026)		
07 21 26 00-0040 SF 3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation .....	1.89	1.20
07 21 26 00-0041 SF 5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation .....	2.47	1.45
07 21 26 00-0042 SF 7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation .....	2.87	1.57
07 21 26 00-0043 SF 9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation .....	3.35	1.69
<b>07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation</b> (07 21 26 00-0026)		
Note: Includes drilling. Excludes patching.		
07 21 26 00-0045 SF 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation .....	1.79	1.20
07 21 26 00-0046 SF 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation .....	2.37	1.45
07 21 26 00-0047 SF 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation .....	2.77	1.57
07 21 26 00-0048 SF 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation .....	3.25	1.69
<b>07 21 29 Sprayed Insulation</b> (07 21)		
<b>07 21 29 00-0001 Fiber Sprayed On Insulation</b> (07 21 29)		
Note: Per each 1" of thickness.		
07 21 29 00-0002 SF 1" Thick, R2.7, Spray-on Perlite Insulation .....	2.53	0.77
07 21 29 00-0003 SF 1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation .....	1.86	0.77
<b>07 21 29 00-0004 Cellulose Sprayed On Insulation</b> (07 21 29)		
07 21 29 00-0005 SF 1" Thick, Spray-on Cellulose Insulation .....	3.54	0.77
<b>07 22 Roof and Deck Insulation</b> (07 20)		
<b>07 22 16 Roof Board Insulation</b> (07 22)		
Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.		
<b>07 22 16 00-0001 Rigid Board Roofing Insulation</b> (07 22 16)		
Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
<b>07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation</b> (07 22 16 00-0001)		
<b>07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation</b> (07 22 16 00-0002)		
07 22 16 00-0004 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....	2.42	
07 22 16 00-0005 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....	2.85	
07 22 16 00-0006 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....	3.27	
07 22 16 00-0007 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....	4.03	
07 22 16 00-0008 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied .....	4.79	
<b>07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation</b> (07 22 16 00-0002)		
07 22 16 00-0010 SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied .....	2.63	
07 22 16 00-0011 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied .....	3.13	
<b>07 22 16 00-0012 Cold Adhesive Applied, Perlite, Roof Board Insulation</b> (07 22 16 00-0002)		
07 22 16 00-0013 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	2.38	
07 22 16 00-0014 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	2.38	
07 22 16 00-0015 SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	2.64	
07 22 16 00-0016 SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	2.95	
07 22 16 00-0017 SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	3.69	
07 22 16 00-0018 SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied .....	4.16	
<b>07 22 16 00-0019 Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation</b> (07 22 16 00-0002)		
07 22 16 00-0020 SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....	3.35	
07 22 16 00-0021 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....	4.53	
07 22 16 00-0022 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied .....	5.95	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 22 16 00-0023	<b>Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation</b>		
	<small>(07 22 16 00-0002)</small>		
07 22 16 00-0024	SF	1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....	6.33
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....	7.49
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....	9.79
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied .....	12.81
07 22 16 00-0028	<b>Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation</b>		
	<small>(07 22 16 00-0002)</small>		
07 22 16 00-0029	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	2.31
		<i>For Loose-Laid, Deduct</i> .....	-1.28
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	2.39
		<i>For Loose-Laid, Deduct</i> .....	-1.28
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	2.67
		<i>For Loose-Laid, Deduct</i> .....	-1.28
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	2.95
		<i>For Loose-Laid, Deduct</i> .....	-1.28
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	4.07
		<i>For Loose-Laid, Deduct</i> .....	-1.30
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	5.20
		<i>For Loose-Laid, Deduct</i> .....	-1.31
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	6.32
		<i>For Loose-Laid, Deduct</i> .....	-1.33
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	7.45
		<i>For Loose-Laid, Deduct</i> .....	-1.34
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied .....	8.57
		<i>For Loose-Laid, Deduct</i> .....	-1.36
07 22 16 00-0038	<b>Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation</b>		
	<small>(07 22 16 00-0002)</small>		
	Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	3.08
		<i>For Loose-Laid, Deduct</i> .....	-1.23
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.33
		<i>For 40 PSI Compressive Strength, Add</i> .....	0.78
		<i>For 60 PSI Compressive Strength, Add</i> .....	1.24
		<i>For 115 PSI Compressive Strength, Add</i> .....	5.37
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	3.25
		<i>For Loose-Laid, Deduct</i> .....	-1.23
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.35
		<i>For 40 PSI Compressive Strength, Add</i> .....	0.84
		<i>For 60 PSI Compressive Strength, Add</i> .....	1.33
		<i>For 115 PSI Compressive Strength, Add</i> .....	5.78
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	4.15
		<i>For Loose-Laid, Deduct</i> .....	-1.23
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.50
		<i>For 40 PSI Compressive Strength, Add</i> .....	1.18
		<i>For 60 PSI Compressive Strength, Add</i> .....	1.86
		<i>For 100 PSI Compressive Strength, Add</i> .....	2.38
		<i>For 115 PSI Compressive Strength, Add</i> .....	8.10
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	4.76
		<i>For Loose-Laid, Deduct</i> .....	-1.24
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.59
		<i>For 40 PSI Compressive Strength, Add</i> .....	1.41
		<i>For 60 PSI Compressive Strength, Add</i> .....	2.20
		<i>For 115 PSI Compressive Strength, Add</i> .....	9.62
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	5.77
		<i>For Loose-Laid, Deduct</i> .....	-1.24
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.75
		<i>For 40 PSI Compressive Strength, Add</i> .....	1.79
		<i>For 60 PSI Compressive Strength, Add</i> .....	2.78
		<i>For 100 PSI Compressive Strength, Add</i> .....	3.59
		<i>For 115 PSI Compressive Strength, Add</i> .....	12.21
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	6.29
		<i>For Loose-Laid, Deduct</i> .....	-1.26
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.83
		<i>For 40 PSI Compressive Strength, Add</i> .....	1.98
		<i>For 60 PSI Compressive Strength, Add</i> .....	3.07
		<i>For 115 PSI Compressive Strength, Add</i> .....	13.47
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied .....	7.06
		<i>For Loose-Laid, Deduct</i> .....	-1.27
		<i>For 25 PSI Compressive Strength, Add</i> .....	0.95
		<i>For 40 PSI Compressive Strength, Add</i> .....	2.26
		<i>For 60 PSI Compressive Strength, Add</i> .....	3.51
		<i>For 115 PSI Compressive Strength, Add</i> .....	15.40
07 22 16 00-0046	<b>Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation</b>		
	<small>(07 22 16 00-0002)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0047 SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	2.76	
<i>For Loose-Laid, Deduct</i>	-1.23	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.17	
07 22 16 00-0048 SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	2.87	
<i>For Loose-Laid, Deduct</i>	-1.23	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.18	
07 22 16 00-0049 SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.03	
<i>For Loose-Laid, Deduct</i>	-1.24	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0050 SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.46	
<i>For Loose-Laid, Deduct</i>	-1.24	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.24	
07 22 16 00-0051 SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.90	
<i>For Loose-Laid, Deduct</i>	-1.25	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.28	
07 22 16 00-0052 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	4.34	
<i>For Loose-Laid, Deduct</i>	-1.26	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.33	
07 22 16 00-0053 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	4.81	
<i>For Loose-Laid, Deduct</i>	-1.26	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.37	
07 22 16 00-0054 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	5.23	
<i>For Loose-Laid, Deduct</i>	-1.27	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.41	
<b>07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation</b> <small>(07 22 16 00-0002)</small>		
07 22 16 00-0056 SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied.....	3.19	
<b>07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock)</b> <small>(07 22 16 00-0002)</small>		
07 22 16 00-0058 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.02	
07 22 16 00-0059 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.21	
07 22 16 00-0060 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.34	
07 22 16 00-0061 SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied.....	3.41	
<b>07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock)</b> <small>(07 22 16 00-0002)</small>		
07 22 16 00-0063 SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	2.95	
07 22 16 00-0064 SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.24	
07 22 16 00-0065 SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.31	
<b>07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation</b> <small>(07 22 16 00-0002)</small>		
<small>Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.</small>		
07 22 16 00-0067 SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.14	
07 22 16 00-0068 SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.40	
07 22 16 00-0069 SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.76	
07 22 16 00-0070 SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.99	
07 22 16 00-0071 SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.51	
07 22 16 00-0072 SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.72	
07 22 16 00-0073 SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	7.07	
<b>07 22 16 00-0074 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation</b> <small>(07 22 16 00-0002)</small>		
<small>Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.</small>		
07 22 16 00-0075 SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.19	
07 22 16 00-0076 SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.65	
07 22 16 00-0077 SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.21	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0078	SF		4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....	6.58	
07 22 16 00-0079	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....	7.04	
07 22 16 00-0080	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....	7.53	
07 22 16 00-0081	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied .....	8.43	
<b>07 22 16 00-0082</b>			<b>Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)</b>		
<b>07 22 16 00-0083</b>			<b>Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0084	SF		1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....	2.15	
07 22 16 00-0085	SF		25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....	2.57	
07 22 16 00-0086	SF		1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....	3.00	
07 22 16 00-0087	SF		1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....	3.78	
07 22 16 00-0088	SF		2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped .....	4.54	
<b>07 22 16 00-0089</b>			<b>Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0090	SF		1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped .....	2.36	
07 22 16 00-0091	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped .....	2.86	
<b>07 22 16 00-0092</b>			<b>Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0093	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped .....	2.09	
07 22 16 00-0094	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped .....	2.34	
07 22 16 00-0095	SF		1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped .....	2.64	
07 22 16 00-0096	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped .....	3.39	
07 22 16 00-0097	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped .....	3.86	
<b>07 22 16 00-0098</b>			<b>Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0099	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....	3.05	
07 22 16 00-0100	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....	4.23	
07 22 16 00-0101	SF		3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped .....	5.67	
<b>07 22 16 00-0102</b>			<b>Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0103	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....	6.03	
07 22 16 00-0104	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....	7.19	
07 22 16 00-0105	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....	9.51	
07 22 16 00-0106	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped .....	12.53	
<b>07 22 16 00-0107</b>			<b>Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0108	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	2.03	
07 22 16 00-0109	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	2.11	
07 22 16 00-0110	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	2.27	
07 22 16 00-0111	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	2.66	
07 22 16 00-0112	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	3.78	
07 22 16 00-0113	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	4.92	
07 22 16 00-0114	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	6.04	
07 22 16 00-0115	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	7.18	
07 22 16 00-0116	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped .....	8.29	
<b>07 22 16 00-0117</b>			<b>Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082)</b>		
			Note: 15 PSI compressive strength.		
07 22 16 00-0118	SF		3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	2.78	
			For 25 PSI Compressive Strength, Add	0.26	
			For 40 PSI Compressive Strength, Add	0.63	
			For 60 PSI Compressive Strength, Add	1.01	
			For 115 PSI Compressive Strength, Add	4.35	
07 22 16 00-0119	SF		1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	2.95	
			For 25 PSI Compressive Strength, Add	0.29	
			For 40 PSI Compressive Strength, Add	0.69	
			For 60 PSI Compressive Strength, Add	1.11	
			For 115 PSI Compressive Strength, Add	4.77	
07 22 16 00-0120	SF		1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	3.85	
			For 25 PSI Compressive Strength, Add	0.43	
			For 40 PSI Compressive Strength, Add	1.03	
			For 60 PSI Compressive Strength, Add	1.63	
			For 100 PSI Compressive Strength, Add	2.09	
			For 115 PSI Compressive Strength, Add	7.08	
07 22 16 00-0121	SF		2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	4.59	
			For 25 PSI Compressive Strength, Add	0.53	
			For 40 PSI Compressive Strength, Add	1.25	
			For 60 PSI Compressive Strength, Add	1.98	
			For 115 PSI Compressive Strength, Add	8.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0122 SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	15.98	
<i>For 25 PSI Compressive Strength, Add</i>	0.69	
<i>For 40 PSI Compressive Strength, Add</i>	1.64	
<i>For 60 PSI Compressive Strength, Add</i>	3.08	
<i>For 100 PSI Compressive Strength, Add</i>	3.82	
<i>For 115 PSI Compressive Strength, Add</i>	12.24	
07 22 16 00-0123 SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	6.01	
<i>For 25 PSI Compressive Strength, Add</i>	0.77	
<i>For 40 PSI Compressive Strength, Add</i>	1.82	
<i>For 60 PSI Compressive Strength, Add</i>	2.84	
<i>For 115 PSI Compressive Strength, Add</i>	12.46	
07 22 16 00-0124 SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped .....	6.78	
<i>For 25 PSI Compressive Strength, Add</i>	0.89	
<i>For 40 PSI Compressive Strength, Add</i>	2.11	
<i>For 60 PSI Compressive Strength, Add</i>	3.28	
<i>For 115 PSI Compressive Strength, Add</i>	14.39	
<b>07 22 16 00-0125 Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)</b>		
07 22 16 00-0126 SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	2.46	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.13	
07 22 16 00-0127 SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	2.57	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.14	
07 22 16 00-0128 SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	2.73	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.16	
07 22 16 00-0129 SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	3.16	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0130 SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	3.63	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.24	
07 22 16 00-0131 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	4.06	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.29	
07 22 16 00-0132 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	4.41	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.33	
07 22 16 00-0133 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped .....	4.95	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.37	
<b>07 22 16 00-0134 Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0082)</b>		
07 22 16 00-0135 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....	2.75	
07 22 16 00-0136 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....	2.94	
07 22 16 00-0137 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....	3.07	
07 22 16 00-0138 SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped .....	3.14	
<b>07 22 16 00-0139 Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082)</b>		
07 22 16 00-0140 SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....	2.68	
07 22 16 00-0141 SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....	2.97	
07 22 16 00-0142 SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped .....	3.04	
<b>07 22 16 00-0143 Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)</b>		
Note: Mechanically fastened to wood or steel.		
<b>07 22 16 00-0144 Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)</b>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0145 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened .....	2.21	
<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0146 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened .....	2.65	
<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.34	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 22 16 00-0147	SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.06	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.36	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.36	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0148	SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.91	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0149	SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	4.67	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
<b>07 22 16 00-0150</b>	<b>Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation</b> <small>(07 22 16 00-0143)</small>		
	Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened .....	2.43	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.36	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.36	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0152	SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened .....	2.93	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.36	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.36	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
<b>07 22 16 00-0153</b>	<b>Mechanically Fastened, Perlite, Roof Board Insulation</b> <small>(07 22 16 00-0143)</small>		
	Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened .....	2.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0155	SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened .....	2.43	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0156	SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened .....	2.74	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0157 SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened .....	3.57	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0158 SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened .....	4.04	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.48	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.73	
<b>07 22 16 00-0159 Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation</b> <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160 SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened .....	3.15	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.27	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0161 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened .....	4.42	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.48	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.73	
07 22 16 00-0162 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened .....	5.92	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	1.97	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.58	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.70	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.00	
<b>07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation</b> <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....	6.22	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0165 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....	7.37	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.48	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.73	
07 22 16 00-0166 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened .....	9.77	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	1.97	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.58	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.70	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.00	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

07 22 16 00-0167	SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	12.94	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.09	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.47	

**07 22 16 00-0168 Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation**

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0169	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.11	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.30	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.30	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0170	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.18	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.30	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.30	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0171	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.47	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0172	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.74	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0173	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	3.96	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 22 16 00-0174	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	5.17	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.62	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.69	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.74	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0175	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	6.46	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0176	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	7.77	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.93	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.38	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.87	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0177 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened .....	9.44	
For Mechanically Fastened To Concrete, Add	1.66	
For Mechanically Fastened To Gypsum, Add	1.88	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.75	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.98	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.64	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.63	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.48	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.25	
<b>07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation</b> <sup>(07 22 16 00-</sup>		
<sup>0143)</sup>		
Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179 SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened .....	2.87	
For 25 PSI Compressive Strength, Add	0.29	
For 40 PSI Compressive Strength, Add	0.70	
For 60 PSI Compressive Strength, Add	1.12	
For 115 PSI Compressive Strength, Add	4.83	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.27	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0180 SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened .....	3.04	
For 25 PSI Compressive Strength, Add	0.32	
For 40 PSI Compressive Strength, Add	0.76	
For 60 PSI Compressive Strength, Add	1.21	
For 115 PSI Compressive Strength, Add	5.24	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.27	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0181 SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened .....	4.04	
For 25 PSI Compressive Strength, Add	0.48	
For 40 PSI Compressive Strength, Add	1.14	
For 60 PSI Compressive Strength, Add	1.79	
For 100 PSI Compressive Strength, Add	2.30	
For 115 PSI Compressive Strength, Add	7.81	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0182 SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened .....	4.65	
For 25 PSI Compressive Strength, Add	0.57	
For 40 PSI Compressive Strength, Add	1.36	
For 60 PSI Compressive Strength, Add	2.14	
For 115 PSI Compressive Strength, Add	9.33	
For Mechanically Fastened To Concrete, Add	1.49	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.48	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.73	
07 22 16 00-0183 SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened .....	5.75	
For 25 PSI Compressive Strength, Add	0.75	
For 40 PSI Compressive Strength, Add	1.78	
For 60 PSI Compressive Strength, Add	2.77	
For 100 PSI Compressive Strength, Add	3.57	
For 115 PSI Compressive Strength, Add	12.16	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	1.91	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.57	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.60	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.69	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.91	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

07 22 16 00-0184	SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	6.27	
	<i>For 25 PSI Compressive Strength, Add</i>	0.83	
	<i>For 40 PSI Compressive Strength, Add</i>	1.97	
	<i>For 60 PSI Compressive Strength, Add</i>	3.06	
	<i>For 115 PSI Compressive Strength, Add</i>	13.42	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.58	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.69	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.70	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0185	SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	7.20	
	<i>For 25 PSI Compressive Strength, Add</i>	0.97	
	<i>For 40 PSI Compressive Strength, Add</i>	2.31	
	<i>For 60 PSI Compressive Strength, Add</i>	3.59	
	<i>For 115 PSI Compressive Strength, Add</i>	15.76	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0186	<b>Mechanically Fastened, Polyisocyanurate Board Roofing Insulation</b> (07 22 16 00-0143)		
	Note: Mechanically fastened to wood or steel.		
07 22 16 00-0187	SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	2.55	
	<i>For Foil Facer, Add</i>	0.36	
	<i>For 25 PSI Compressive Strength, Add</i>	0.15	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0188	SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	2.66	
	<i>For Foil Facer, Add</i>	0.36	
	<i>For 25 PSI Compressive Strength, Add</i>	0.16	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.27	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0189	SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	2.92	
	<i>For Foil Facer, Add</i>	0.36	
	<i>For 25 PSI Compressive Strength, Add</i>	0.19	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0190	SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	3.35	
	<i>For Foil Facer, Add</i>	0.36	
	<i>For 25 PSI Compressive Strength, Add</i>	0.23	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73	
07 22 16 00-0191	SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	3.88	
	<i>For Foil Facer, Add</i>	0.36	
	<i>For 25 PSI Compressive Strength, Add</i>	0.28	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.57	
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.69	
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0192 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	4.32	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.32	
For Mechanically Fastened To Concrete, Add	1.53	
For Mechanically Fastened To Gypsum, Add	1.97	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.58	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.70	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.00	
07 22 16 00-0193 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	4.95	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.39	
For Mechanically Fastened To Concrete, Add	1.57	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.09	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.47	
07 22 16 00-0194 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened .....	5.36	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.43	
For Mechanically Fastened To Concrete, Add	1.57	
For Mechanically Fastened To Gypsum, Add	1.96	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.81	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.22	
<b>07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation</b> <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0196 SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened .....	2.99	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.31	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
<b>07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock)</b> <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	2.81	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.31	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0199 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.01	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.31	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0200 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.13	
For Mechanically Fastened To Concrete, Add	1.44	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.72	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.46	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.08	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.31	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.69	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 22 16 00-0201	SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.20
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69

**07 22 16 00-0202 Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)**

(07 22 16 00-0143)

Note: Mechanically fastened to wood or steel.

07 22 16 00-0203	SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.75
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69
07 22 16 00-0204	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	3.04
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69
07 22 16 00-0205	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	3.10
	<i>For Mechanically Fastened To Concrete, Add</i>	1.44
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.31
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.31
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69

**07 22 16 00-0206 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation**

(07 22 16 00-0143)

Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.

07 22 16 00-0207	SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.02
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73
07 22 16 00-0208	SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.28
	<i>For Mechanically Fastened To Concrete, Add</i>	1.49
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.48
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.73
07 22 16 00-0209	SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.73
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.91
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.74
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.86
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91
07 22 16 00-0210	SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.96
	<i>For Mechanically Fastened To Concrete, Add</i>	1.53
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.97
	<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01
	<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.75
	<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.69
	<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52
	<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.87
	<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0211 SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened .....	6.64	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.65	
07 22 16 00-0212 SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened .....	6.86	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0213 SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened .....	7.39	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.03	
<b>07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0143)</b>		
<i>Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.</i>		
07 22 16 00-0215 SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.85	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0216 SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.63	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.69	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.85	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0217 SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.34	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.25	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.63	
07 22 16 00-0218 SF 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.71	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0219 SF 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	7.36	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.50	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.99	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0220	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	7.85	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.93	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.50	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.99	
07 22 16 00-0221	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	9.04	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
			<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.79	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
			<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.40	
07 22 16 00-0222			<b>Rigid Board Tapered Roofing Insulation</b> <small>(07 22 16)</small> Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0223			<b>Cold Adhesive Applied Rigid Board Tapered Roofing Insulation</b> <small>(07 22 16 00-0222)</small>		
07 22 16 00-0224			<b>Cold Adhesive Applied, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0223)</small> Note: Includes polyurethane adhesive.		
07 22 16 00-0225			<b>Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0224)</small>		
07 22 16 00-0226	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	5.04	
			<i>For 25 PSI Compressive Strength, Add</i>	0.35	
07 22 16 00-0227	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.79	
			<i>For 25 PSI Compressive Strength, Add</i>	0.40	
07 22 16 00-0228	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.40	
			<i>For 25 PSI Compressive Strength, Add</i>	0.46	
07 22 16 00-0229	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.02	
			<i>For 25 PSI Compressive Strength, Add</i>	0.52	
07 22 16 00-0230	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.63	
			<i>For 25 PSI Compressive Strength, Add</i>	0.58	
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.41	
			<i>For 25 PSI Compressive Strength, Add</i>	0.64	
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.03	
			<i>For 25 PSI Compressive Strength, Add</i>	0.70	
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.64	
			<i>For 25 PSI Compressive Strength, Add</i>	0.76	
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	12.26	
			<i>For 25 PSI Compressive Strength, Add</i>	0.82	
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	14.02	
			<i>For 25 PSI Compressive Strength, Add</i>	0.87	
07 22 16 00-0236			<b>Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0224)</small>		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	4.73	
			<i>For 25 PSI Compressive Strength, Add</i>	0.32	
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.09	
			<i>For 25 PSI Compressive Strength, Add</i>	0.43	
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.33	
			<i>For 25 PSI Compressive Strength, Add</i>	0.55	
07 22 16 00-0240	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.72	
			<i>For 25 PSI Compressive Strength, Add</i>	0.67	
07 22 16 00-0241	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.95	
			<i>For 25 PSI Compressive Strength, Add</i>	0.79	
07 22 16 00-0242	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	14.32	
			<i>For 25 PSI Compressive Strength, Add</i>	0.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 22 16 00-0243 Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0224)</small>		
07 22 16 00-0244 SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied .....	7.71	
For 25 PSI Compressive Strength, Add .....	0.49	
07 22 16 00-0245 SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied .....	11.34	
For 25 PSI Compressive Strength, Add .....	0.73	
07 22 16 00-0246 SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied .....	14.94	
For 25 PSI Compressive Strength, Add .....	0.96	
07 22 16 00-0247 SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied .....	18.57	
For 25 PSI Compressive Strength, Add .....	1.20	
<b>07 22 16 00-0248 Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS)</b> <small>(07 22 16 00-0223)</small>		
Note: Includes polyurethane adhesive.		
<b>07 22 16 00-0249 Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)</b> <small>(07 22 16 00-0248)</small>		
07 22 16 00-0250 SF 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	4.35	
07 22 16 00-0251 SF 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	6.13	
07 22 16 00-0252 SF 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	6.60	
07 22 16 00-0253 SF 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	7.06	
07 22 16 00-0254 SF 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	7.52	
07 22 16 00-0255 SF 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	9.33	
07 22 16 00-0256 SF 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	9.79	
07 22 16 00-0257 SF 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	10.25	
07 22 16 00-0258 SF 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	10.71	
07 22 16 00-0259 SF 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	12.51	
<b>07 22 16 00-0260 Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)</b> <small>(07 22 16 00-0248)</small>		
07 22 16 00-0261 SF 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	4.12	
07 22 16 00-0262 SF 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	6.36	
07 22 16 00-0263 SF 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	7.29	
07 22 16 00-0264 SF 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	9.56	
07 22 16 00-0265 SF 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	10.48	
07 22 16 00-0266 SF 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	12.74	
<b>07 22 16 00-0267 Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)</b> <small>(07 22 16 00-0248)</small>		
07 22 16 00-0268 SF 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	6.83	
07 22 16 00-0269 SF 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	10.02	
07 22 16 00-0270 SF 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	13.20	
07 22 16 00-0271 SF 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied .....	16.86	
<b>07 22 16 00-0272 Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0223)</small>		
Note: Includes polyurethane adhesive.		
<b>07 22 16 00-0273 Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0272)</small>		
07 22 16 00-0274 SF 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....	4.90	
07 22 16 00-0275 SF 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied .....	6.66	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0276	SF		3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.24	
07 22 16 00-0277	SF		3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.83	
07 22 16 00-0278	SF		4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.41	
07 22 16 00-0279	SF		4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.20	
07 22 16 00-0280	SF		5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.78	
07 22 16 00-0281	SF		5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.37	
07 22 16 00-0282	SF		6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.95	
07 22 16 00-0283	SF		6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	13.72	
<b>07 22 16 00-0284</b>			<b>Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0272)</small>		
07 22 16 00-0285	SF		2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.61	
07 22 16 00-0286	SF		3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.95	
07 22 16 00-0287	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.12	
07 22 16 00-0288	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.49	
07 22 16 00-0289	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.66	
07 22 16 00-0290	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	14.01	
<b>07 22 16 00-0291</b>			<b>Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0272)</small>		
07 22 16 00-0292	SF		3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.53	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
07 22 16 00-0293	SF		5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.07	
07 22 16 00-0294	SF		7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	14.59	
07 22 16 00-0295	SF		9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	18.13	
<b>07 22 16 00-0296</b>			<b>Cold Adhesive Applied, Tapered Perlite Board</b> <small>(07 22 16 00-0223)</small> Note: Includes polyurethane adhesive.		
<b>07 22 16 00-0297</b>			<b>Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0296)</small>		
07 22 16 00-0298	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.29	
07 22 16 00-0299	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.46	
07 22 16 00-0300	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.73	
07 22 16 00-0301	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.32	
07 22 16 00-0302	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	11.58	
07 22 16 00-0303	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	12.76	
07 22 16 00-0304	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.03	
07 22 16 00-0305	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.62	
07 22 16 00-0306	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	15.89	
07 22 16 00-0307	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	17.06	
<b>07 22 16 00-0308</b>			<b>Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0296)</small>		
07 22 16 00-0309	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.66	
07 22 16 00-0310	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.10	
07 22 16 00-0311	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.95	
07 22 16 00-0312	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.40	
07 22 16 00-0313	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	15.25	
07 22 16 00-0314	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	17.70	
<b>07 22 16 00-0315</b>			<b>Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0296)</small>		
07 22 16 00-0316	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.36	
07 22 16 00-0317	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.66	
07 22 16 00-0318	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	18.96	
07 22 16 00-0319	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	23.26	
<b>07 22 16 00-0320</b>			<b>Hot-Mopped Rigid Board Tapered Roofing Insulation</b> <small>(07 22 16 00-0222)</small>		



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0321	Hot-Mopped, Tapered Polyisocyanurate Board <small>(07 22 16 00-0320)</small>		
07 22 16 00-0322	Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0321)</small>		
07 22 16 00-0323	SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....4.64 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.31		
07 22 16 00-0324	SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....6.33 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.32		
07 22 16 00-0325	SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....6.94 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.39		
07 22 16 00-0326	SF 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....7.27 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.45		
07 22 16 00-0327	SF 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....8.17 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.51		
07 22 16 00-0328	SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....9.72 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.53		
07 22 16 00-0329	SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....10.34 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.59		
07 22 16 00-0330	SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....10.95 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.65		
07 22 16 00-0331	SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....11.56 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.71		
07 22 16 00-0332	SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....13.10 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.73		
07 22 16 00-0333	Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0321)</small>		
07 22 16 00-0334	SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....4.48 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.28		
07 22 16 00-0335	SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....6.63 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.35		
07 22 16 00-0336	SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....7.86 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.48		
07 22 16 00-0337	SF 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....10.03 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.56		
07 22 16 00-0338	SF 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....11.26 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.68		
07 22 16 00-0339	SF 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....13.41 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.76		
07 22 16 00-0340	Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0321)</small>		
07 22 16 00-0341	SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....7.25 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.42		
07 22 16 00-0342	SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....10.64 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.62		
07 22 16 00-0343	SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....14.03 <i>For 25 PSI Compressive Strength, Add</i> ..... 0.82		
07 22 16 00-0344	SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped .....17.42 <i>For 25 PSI Compressive Strength, Add</i> ..... 1.02		
07 22 16 00-0345	Hot-Mopped, Tapered Perlite Board <small>(07 22 16 00-0320)</small>		
07 22 16 00-0346	Hot-Mopped, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0345)</small>		
07 22 16 00-0347	SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....6.38		
07 22 16 00-0348	SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....8.00		
07 22 16 00-0349	SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....9.27		
07 22 16 00-0350	SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....9.19		
07 22 16 00-0351	SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....10.46		
07 22 16 00-0352	SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....12.07		
07 22 16 00-0353	SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....13.34		
07 22 16 00-0354	SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....13.26		
07 22 16 00-0355	SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....14.53		
07 22 16 00-0356	SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped .....16.15		
07 22 16 00-0357	Hot-Mopped, 1/4" Slope, Tapered Perlite Board <small>(07 22 16 00-0345)</small>		
07 22 16 00-0358	SF 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....5.75		
07 22 16 00-0359	SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....8.63		
07 22 16 00-0360	SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....9.83		
07 22 16 00-0361	SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....12.70		
07 22 16 00-0362	SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....13.90		
07 22 16 00-0363	SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped .....16.78		
07 22 16 00-0364	Hot-Mopped, 1/2" Slope, Tapered Perlite Board <small>(07 22 16 00-0345)</small>		
07 22 16 00-0365	SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped .....9.90		
07 22 16 00-0366	SF 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped .....13.97		
07 22 16 00-0367	SF 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped .....20.54		
07 22 16 00-0368	SF 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped .....22.12		



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 22 16 00-0369	<b>Mechanically Fastened Tapered Roofing Insulation</b> (07 22 16 00-0222) Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370	<b>Mechanically Fastened, Tapered Polyisocyanurate Board</b> (07 22 16 00-0369) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371	<b>Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board</b> (07 22 16 00-0370)		
07 22 16 00-0372	SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.92	
	For 25 PSI Compressive Strength, Add	0.34	
	For Mechanically Fastened To Concrete, Add	1.49	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.86	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.46	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0373	SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.10	
	For 25 PSI Compressive Strength, Add	0.33	
	For Mechanically Fastened To Concrete, Add	1.53	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.91	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.22	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.60	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.34	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.91	
07 22 16 00-0374	SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.72	
	For 25 PSI Compressive Strength, Add	0.39	
	For Mechanically Fastened To Concrete, Add	1.53	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.97	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.22	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.34	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.00	
07 22 16 00-0375	SF 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.49	
	For 25 PSI Compressive Strength, Add	0.47	
	For Mechanically Fastened To Concrete, Add	1.57	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.89	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.73	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.11	
07 22 16 00-0376	SF 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	8.11	
	For 25 PSI Compressive Strength, Add	0.53	
	For Mechanically Fastened To Concrete, Add	1.57	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.81	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.22	
07 22 16 00-0377	SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.41	
	For 25 PSI Compressive Strength, Add	0.54	
	For Mechanically Fastened To Concrete, Add	1.62	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.93	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.43	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.96	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.14	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.99	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.45	
07 22 16 00-0378	SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.03	
	For 25 PSI Compressive Strength, Add	0.60	
	For Mechanically Fastened To Concrete, Add	1.62	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.93	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.43	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.96	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.14	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.99	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0379 SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	10.93	
<i>For 25 PSI Compressive Strength, Add</i>	0.69	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0380 SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	11.55	
<i>For 25 PSI Compressive Strength, Add</i>	0.75	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0381 SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	12.94	
<i>For 25 PSI Compressive Strength, Add</i>	0.76	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
<b>07 22 16 00-0382 Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board</b> <small>(07 22 16 00-0370)</small>		
07 22 16 00-0383 SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	4.62	
<i>For 25 PSI Compressive Strength, Add</i>	0.31	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0384 SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	6.41	
<i>For 25 PSI Compressive Strength, Add</i>	0.36	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0385 SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	7.80	
<i>For 25 PSI Compressive Strength, Add</i>	0.50	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0386 SF 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened .....	9.72	
<i>For 25 PSI Compressive Strength, Add</i>	0.57	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 22 16 00-0387	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	11.24	
			<i>For 25 PSI Compressive Strength, Add</i>	0.72	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0388	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.24	
			<i>For 25 PSI Compressive Strength, Add</i>	0.79	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	

**07 22 16 00-0389 Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board** (07 22 16 00-0370)

07 22 16 00-0390	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.03	
			<i>For 25 PSI Compressive Strength, Add</i>	0.42	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0391	SF		5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.95	
			<i>For 25 PSI Compressive Strength, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0392	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.86	
			<i>For 25 PSI Compressive Strength, Add</i>	0.86	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0393	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	17.63	
			<i>For 25 PSI Compressive Strength, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.80	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.88	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	4.22	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	4.32	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	6.31	

**07 22 16 00-0394 Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS)** (07 22 16 00-0369)

Note: Mechanically fastened to wood or steel.

**07 22 16 00-0395 Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS)** (07 22 16 00-0394)

07 22 16 00-0396	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.23	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0397 SF 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.45	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0398 SF 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.91	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0399 SF 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.53	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0400 SF 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.99	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0401 SF 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.33	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.74	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0402 SF 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.79	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0403 SF 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.54	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0404 SF 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	10.01	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0405	SF		6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.43	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0406			<b>Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0394)		
07 22 16 00-0407	SF		2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.00	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0408	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.68	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0409	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.76	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0410	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.56	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0411	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.78	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0412	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.66	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
			<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
			<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
			<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0413			<b>Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS)</b> (07 22 16 00-0394)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0414 SF 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.14	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0415 SF 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.02	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0416 SF 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	12.12	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0417 SF 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	15.92	
<i>For Mechanically Fastened To Concrete, Add</i>	1.80	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	4.22	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	4.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	6.31	
07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0369)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0420 SF 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.78	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0421 SF 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.97	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0422 SF 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.93	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0423 SF 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.30	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	



**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.88	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.96	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.81	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.22	
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.20	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.78	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.66	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.24	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.64	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	

**07 22 16 00-0430 Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS)** (07 22 16 00-0418)

07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.49	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.27	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433 SF 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.59	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0434 SF 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.49	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0435 SF 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.95	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0436 SF 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.93	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
<b>07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS)</b> <small>(07 22 16 00-0418)</small>		
07 22 16 00-0438 SF 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.85	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	
07 22 16 00-0439 SF 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.07	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0440 SF 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.51	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0441 SF 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	16.94	
<i>For Mechanically Fastened To Concrete, Add</i>	1.80	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	4.22	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	4.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	6.31	
<b>07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board</b> <small>(07 22 16 00-0369)</small>		
Note: Mechanically fastened to wood or steel.		



## 07 Thermal And Moisture Protection

## 07 20 Thermal Protection

## 07 22 Roof and Deck Insulation



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0443	Mechanically Fastened, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>		
07 22 16 00-0444	SF 2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	6.52	
	For Mechanically Fastened To Concrete, Add	1.49	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.86	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.88	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.08	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.46	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.32	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.13	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.69	
07 22 16 00-0445	SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.78	
	For Mechanically Fastened To Concrete, Add	1.53	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.91	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.22	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.60	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.34	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.91	
07 22 16 00-0446	SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.05	
	For Mechanically Fastened To Concrete, Add	1.53	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.97	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.01	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.22	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.52	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.34	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.00	
07 22 16 00-0447	SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.13	
	For Mechanically Fastened To Concrete, Add	1.57	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.89	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.73	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.11	
07 22 16 00-0448	SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	10.40	
	For Mechanically Fastened To Concrete, Add	1.57	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.20	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.81	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.81	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.22	
07 22 16 00-0449	SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.76	
	For Mechanically Fastened To Concrete, Add	1.62	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.93	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.43	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.96	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.14	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.99	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.45	
07 22 16 00-0450	SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.03	
	For Mechanically Fastened To Concrete, Add	1.62	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.93	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.43	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.65	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.96	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.14	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.99	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.45	
07 22 16 00-0451	SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.25	
	For Mechanically Fastened To Concrete, Add	1.66	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.88	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.75	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.98	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.21	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.63	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.48	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.82	
07 22 16 00-0452	SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	14.52	
	For Mechanically Fastened To Concrete, Add	1.66	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.88	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.75	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.98	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.21	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.63	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.48	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0453 SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.98	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
<b>07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0442)</small> .....	<b>5.88</b>	
07 22 16 00-0455 SF 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.88	
<i>For Mechanically Fastened To Concrete, Add</i>	1.49	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.88	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.08	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.32	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.13	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 22 16 00-0456 SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.41	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.91	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.91	
07 22 16 00-0457 SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.76	
<i>For Mechanically Fastened To Concrete, Add</i>	1.57	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.20	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.73	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.81	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.64	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.11	
07 22 16 00-0458 SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.40	
<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0459 SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.88	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.88	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.75	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.98	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.21	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.63	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.48	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.82	
07 22 16 00-0460 SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	16.62	
<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
<b>07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board</b> <small>(07 22 16 00-0442)</small> .....	<b>9.68</b>	
07 22 16 00-0462 SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.68	
<i>For Mechanically Fastened To Concrete, Add</i>	1.53	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.01	
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.65	
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.52	
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.34	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.00	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.66	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.62	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.93	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	1.43	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.65	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.96	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	2.14	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.99	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	4.45	
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	17.88	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.66	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.99	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.04	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	3.27	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	3.07	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	4.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	22.33	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.80	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	2.88	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	4.22	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;90 To 120 MPH Wind, Add</i>	3.60	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	4.32	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	6.31	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, &gt;120 To 135 MPH Wind, Add</i>	5.41	

**07 22 16 00-0466 Demolish Rigid Board Roofing Insulation (07 22 16)**

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation .....	0.58	
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation .....	0.59	
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation .....	0.61	
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation .....	0.63	
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation .....	0.65	
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation .....	0.66	
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation .....	0.68	
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation .....	0.69	
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation .....	0.71	
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation .....	0.73	
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation .....	0.74	
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....	0.76	
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....	0.78	

**07 24 Exterior Insulation and Finish Systems (07 20)****07 24 13 Polymer-Based Exterior Insulation and Finish System (07 24)****07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) (07 24 13)****07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)**

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.28	
		<i>For Up To 100, Add</i>	0.89	
		<i>For &gt;100 To 500, Add</i>	0.45	
		<i>For &gt;5,000, Deduct</i>	-0.18	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.43	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.15	
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.86	
		<i>For Up To 100, Add</i>	0.91	
		<i>For &gt;100 To 500, Add</i>	0.45	
		<i>For &gt;5,000, Deduct</i>	-0.18	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.46	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.16	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.43	
		<i>For Up To 100, Add</i>	0.92	
		<i>For &gt;100 To 500, Add</i>	0.46	
		<i>For &gt;5,000, Deduct</i>	-0.18	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.63	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.31	
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.99	
		<i>For Up To 100, Add</i>	0.93	
		<i>For &gt;100 To 500, Add</i>	0.46	
		<i>For &gt;5,000, Deduct</i>	-0.19	
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.72	
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.43	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0007 SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	6.57	
<i>For Up To 100, Add</i>	0.94	
<i>For &gt;100 To 500, Add</i>	0.47	
<i>For &gt;5,000, Deduct</i>	-0.19	
<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.72	
<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.43	
07 24 13 00-0008 SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	7.69	
<i>For Up To 100, Add</i>	0.95	
<i>For &gt;100 To 500, Add</i>	0.48	
<i>For &gt;5,000, Deduct</i>	-0.19	
<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.93	
<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.60	
<b>07 24 13 00-0009    Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>		
Note: Includes applying a layer of base coat to the insulation board and fully embedding the reinforcing fabric in the wet base coat.		
07 24 13 00-0010 SF 4.3 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit S-Mesh), Embedded In A Layer Of Base Coat .....	5.61	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
07 24 13 00-0011 SF 6.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit SP-Mesh), Embedded In A Layer Of Base Coat .....	6.21	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
07 24 13 00-0012 SF 15.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 15), Embedded In A Layer Of Base Coat .....	7.84	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
07 24 13 00-0013 SF 20.0 OZ, Fiberglass Reinforcing Mesh For Exterior Insulation Finishing Systems (EIFS) (Dryvit Panzer® 20), Embedded In A Layer Of Base Coat .....	8.33	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
<b>07 24 13 00-0014    Base Coats For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>		
07 24 13 00-0015 SF Polymer-Based, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis® DM).....	2.74	
<i>For Up To 100, Add</i>	0.89	
<i>For &gt;100 To 500, Add</i>	0.45	
<i>For &gt;5,000, Deduct</i>	-0.18	
07 24 13 00-0016 SF Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	3.18	
<i>For Up To 100, Add</i>	0.89	
<i>For &gt;100 To 500, Add</i>	0.45	
<i>For &gt;5,000, Deduct</i>	-0.18	
07 24 13 00-0017 SF Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®) .....	5.61	
<i>For Up To 100, Add</i>	0.89	
<i>For &gt;100 To 500, Add</i>	0.45	
<i>For &gt;5,000, Deduct</i>	-0.18	
07 24 13 00-0018 SF Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	7.52	
<i>For Up To 100, Add</i>	0.89	
<i>For &gt;100 To 500, Add</i>	0.45	
<i>For &gt;5,000, Deduct</i>	-0.18	
<b>07 24 13 00-0019    Finish Coats For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>		
Note: Includes all standard manufacturers' colors.		
07 24 13 00-0020 SF 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	4.64	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
07 24 13 00-0021 SF 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	4.74	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	
07 24 13 00-0022 SF Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish) .....	5.45	
<i>For Up To 100, Add</i>	1.78	
<i>For &gt;100 To 500, Add</i>	0.89	
<i>For &gt;5,000, Deduct</i>	-0.36	

**07 Thermal And Moisture Protection****07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....		6.08	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....		5.45	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....		6.08	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....		4.84	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....		5.50	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
07 24 13 00-0028	SF	100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™).....		11.11	
		<i>For Up To 100, Add</i>		1.78	
		<i>For &gt;100 To 500, Add</i>		0.89	
		<i>For &gt;5,000, Deduct</i>		-0.36	
<b>07 24 13 00-0029</b>		<b>Primer And Sealers For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>			
07 24 13 00-0030	SF	100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....		1.40	
		<i>For Up To 100, Add</i>		0.50	
		<i>For &gt;100 To 500, Add</i>		0.25	
		<i>For &gt;5,000, Deduct</i>		-0.10	
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....		1.43	
		<i>For Up To 100, Add</i>		0.50	
		<i>For &gt;100 To 500, Add</i>		0.25	
		<i>For &gt;5,000, Deduct</i>		-0.10	
<b>07 24 13 00-0032</b>		<b>Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>			
07 24 13 00-0033	SF	Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....		1.92	
		<i>For Up To 100, Add</i>		0.50	
		<i>For &gt;100 To 500, Add</i>		0.25	
		<i>For &gt;5,000, Deduct</i>		-0.10	
07 24 13 00-0034	SF	Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat.....		2.38	
		<i>For Up To 100, Add</i>		0.50	
		<i>For &gt;100 To 500, Add</i>		0.25	
		<i>For &gt;5,000, Deduct</i>		-0.10	
<b>07 24 13 00-0035</b>		<b>Drainage Accessories For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>			
07 24 13 00-0036	SF	1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat).....		2.94	
		<i>For Up To 100, Add</i>		0.56	
		<i>For &gt;100 To 500, Add</i>		0.28	
		<i>For &gt;5,000, Deduct</i>		-0.11	
<b>07 24 13 00-0037</b>		<b>Starter Tracks For Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>			
07 24 13 00-0038	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....		4.30	
07 24 13 00-0039	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....		4.63	
07 24 13 00-0040	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....		5.03	
07 24 13 00-0041	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....		5.86	
07 24 13 00-0042	LF	1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....		4.63	
07 24 13 00-0043	LF	1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....		5.03	
07 24 13 00-0044	LF	2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....		5.42	
07 24 13 00-0045	LF	3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....		6.33	
<b>07 24 13 00-0046</b>		<b>Demolish Exterior Insulation Finishing Systems (EIFS)</b> <small>(07 24 13 00-0001)</small>			





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0047 SF Demolish Exterior Insulation Finishing Systems (EIFS).....	7.46	
Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
<i>For Up To 100, Add</i>	3.73	
<i>For &gt;100 To 500, Add</i>	1.87	
<i>For &gt;5,000, Deduct</i>	-0.75	

**07 25 Weather Barriers** (07)**07 26 Vapor Retarders** (07 26)**07 26 13 Above-Grade Vapor Retarders** (07 26)

07 26 13 00-0001 CSF Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B).....	32.48
07 26 13 00-0002 CSF Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....	30.16
07 26 13 00-0003 CSF 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....	37.57
07 26 13 00-0004 CSF Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute) .....	48.44
07 26 13 00-0005 CSF Regular Weight Red Rosin Sized Sheathing .....	27.78
07 26 13 00-0006 CLF 6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	93.50
07 26 13 00-0007 CLF 4" Wide Self-Adhering Butyl Sealing Tape.....	141.47
07 26 13 00-0008 CLF 6" Wide Self Adhesive Butyl Sealing Tape .....	203.81
07 26 13 00-0009 CLF 9" Wide Self Adhesive Butyl Sealing Tape .....	282.61
07 26 13 00-0010 CSF Building Wrap (Tyvek) .....	71.97

**07 27 Air Barriers** (07 27)**07 27 23 Board Product Air Barriers** (07 27)**07 27 23 00-0001 Barriers For Plenums** (07 27 23)

07 27 23 00-0002 SF 0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 Lb./SF .....	13.50	3.57
<i>For Up To 50, Add</i>	4.82	
<i>For &gt;50 To 200, Add</i>	2.75	
<i>For &gt;200 To 500, Add</i>	1.02	
<i>For &gt;2,500, Deduct</i>	-0.68	
07 27 23 00-0003 SF 0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 Lb./SF .....	14.60	3.57
<i>For Up To 50, Add</i>	5.26	
<i>For &gt;50 To 200, Add</i>	3.00	
<i>For &gt;200 To 500, Add</i>	1.11	
<i>For &gt;2,500, Deduct</i>	-0.73	
07 27 23 00-0004 SF Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	5.21	2.37
<i>For Up To 50, Add</i>	2.51	
<i>For &gt;50 To 200, Add</i>	1.39	
<i>For &gt;200 To 500, Add</i>	0.48	
<i>For &gt;2,500, Deduct</i>	-0.26	
07 27 23 00-0005 SF Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick .....	9.53	3.57
<i>For Up To 50, Add</i>	4.50	
<i>For &gt;50 To 200, Add</i>	2.49	
<i>For &gt;200 To 500, Add</i>	0.86	
<i>For &gt;2,500, Deduct</i>	-0.48	
07 27 23 00-0006 SF Aluminum Mesh Barrier For Plenum Kraft Paper Backed .....	6.57	2.37
<i>For Up To 50, Add</i>	2.72	
<i>For &gt;50 To 200, Add</i>	1.52	
<i>For &gt;200 To 500, Add</i>	0.55	
<i>For &gt;2,500, Deduct</i>	-0.33	
07 27 23 00-0007 SF 1/64" Thick Sheet Lead Barrier For Plenum 1 Lb./SF .....	10.42	2.37
<i>For Up To 50, Add</i>	3.15	
<i>For &gt;50 To 200, Add</i>	1.83	
<i>For &gt;200 To 500, Add</i>	0.72	
<i>For &gt;2,500, Deduct</i>	-0.52	

**07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets** (07 27 23)

07 27 23 00-0009 SF 1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation .....	2.10
07 27 23 00-0010 SF 2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation .....	3.16
07 27 23 00-0011 SF 3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation .....	4.09
07 27 23 00-0012 SF 4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation .....	5.01

**07 30 Steep Slope Roofing** (07)

Note: Includes starter strips and manufacturer's product specific warranties.

**07 31 Shingles and Shakes** (07 30)**07 31 13 Asphalt Shingles** (07 31)**07 31 13 13 Fiberglass-Reinforced Asphalt Shingles** (07 31 13)**07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle** (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.



**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13	13-0002	SQ	200 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20).....	286.63	190.59
			<i>For &gt;35 To 75, Deduct</i>	-11.33	
			<i>For &gt;75 To 100, Deduct</i>	-17.93	
			<i>For &gt;100 To 200, Deduct</i>	-26.79	
			<i>For &gt;200, Deduct</i>	-39.99	
			<i>For Steep Roof, Over 7 To 12, Add</i>	55.47	
07 31 13	13-0003	SQ	220 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....	300.59	200.16
			<i>For &gt;35 To 75, Deduct</i>	-11.86	
			<i>For &gt;75 To 100, Deduct</i>	-18.78	
			<i>For &gt;100 To 200, Deduct</i>	-28.08	
			<i>For &gt;200, Deduct</i>	-41.92	
			<i>For Steep Roof, Over 7 To 12, Add</i>	58.23	
07 31 13	13-0004	SQ	230 Lb./SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	347.41	210.14
			<i>For &gt;35 To 75, Deduct</i>	-15.63	
			<i>For &gt;75 To 100, Deduct</i>	-23.53	
			<i>For &gt;100 To 200, Deduct</i>	-34.56	
			<i>For &gt;200, Deduct</i>	-50.37	
			<i>For Steep Roof, Over 7 To 12, Add</i>	61.16	
07 31 13	13-0005		<b>Architectural Fiberglass Reinforced, Asphalt Composition Shingle</b> <small>(07 31 13 13)</small>		
			Note: Excludes underlayment, drip edges, and ridge vent/shingles.		
07 31 13	13-0006	SQ	245 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark).....	357.60	243.31
			<i>For &gt;35 To 75, Deduct</i>	-13.64	
			<i>For &gt;75 To 100, Deduct</i>	-21.90	
			<i>For &gt;100 To 200, Deduct</i>	-32.89	
			<i>For &gt;200, Deduct</i>	-49.40	
			<i>For Steep Roof, Over 7 To 12, Add</i>	70.77	
07 31 13	13-0007	SQ	240 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	377.99	231.65
			<i>For &gt;35 To 75, Deduct</i>	-16.73	
			<i>For &gt;75 To 100, Deduct</i>	-25.35	
			<i>For &gt;100 To 200, Deduct</i>	-37.31	
			<i>For &gt;200, Deduct</i>	-54.53	
			<i>For Steep Roof, Over 7 To 12, Add</i>	67.41	
07 31 13	13-0008	SQ	265 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	409.57	255.47
			<i>For &gt;35 To 75, Deduct</i>	-17.73	
			<i>For &gt;75 To 100, Deduct</i>	-27.08	
			<i>For &gt;100 To 200, Deduct</i>	-39.98	
			<i>For &gt;200, Deduct</i>	-58.69	
			<i>For Steep Roof, Over 7 To 12, Add</i>	74.33	
07 31 13	13-0009	SQ	235 Lb./SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	394.94	220.63
			<i>For &gt;35 To 75, Deduct</i>	-19.44	
			<i>For &gt;75 To 100, Deduct</i>	-28.34	
			<i>For &gt;100 To 200, Deduct</i>	-41.13	
			<i>For &gt;200, Deduct</i>	-58.93	
			<i>For Steep Roof, Over 7 To 12, Add</i>	64.18	
07 31 13	13-0010	SQ	300 Lb./SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium).....	444.14	268.26
			<i>For &gt;35 To 75, Deduct</i>	-20.03	
			<i>For &gt;75 To 100, Deduct</i>	-30.13	
			<i>For &gt;100 To 200, Deduct</i>	-44.24	
			<i>For &gt;200, Deduct</i>	-64.45	
			<i>For Steep Roof, Over 7 To 12, Add</i>	78.02	
07 31 13	13-0011	SQ	300 Lb./SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence).....	473.50	268.26
			<i>For &gt;35 To 75, Deduct</i>	-22.97	
			<i>For &gt;75 To 100, Deduct</i>	-33.66	
			<i>For &gt;100 To 200, Deduct</i>	-48.94	
			<i>For &gt;200, Deduct</i>	-70.32	
			<i>For Steep Roof, Over 7 To 12, Add</i>	78.02	
07 31 13	13-0012	SQ	355 Lb./SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake).....	517.15	295.71
			<i>For &gt;35 To 75, Deduct</i>	-24.83	
			<i>For &gt;75 To 100, Deduct</i>	-36.51	
			<i>For &gt;100 To 200, Deduct</i>	-53.17	
			<i>For &gt;200, Deduct</i>	-76.54	
			<i>For Steep Roof, Over 7 To 12, Add</i>	86.04	
07 31 13	13-0013	SQ	340 Lb./SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL).....	512.63	281.67
			<i>For &gt;35 To 75, Deduct</i>	-25.66	
			<i>For &gt;75 To 100, Deduct</i>	-37.20	
			<i>For &gt;100 To 200, Deduct</i>	-53.86	
			<i>For &gt;200, Deduct</i>	-76.93	
			<i>For Steep Roof, Over 7 To 12, Add</i>	81.92	
07 31 13	13-0014	SQ	300 Lb./SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris).....	509.60	268.26
			<i>For &gt;35 To 75, Deduct</i>	-26.58	
			<i>For &gt;75 To 100, Deduct</i>	-37.99	
			<i>For &gt;100 To 200, Deduct</i>	-54.72	
			<i>For &gt;200, Deduct</i>	-77.54	
			<i>For Steep Roof, Over 7 To 12, Add</i>	78.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0015 SQ 355 Lb./SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate) .....	596.20	295.71
<i>For &gt;35 To 75, Deduct</i>	-32.73	
<i>For &gt;75 To 100, Deduct</i>	-46.00	
<i>For &gt;100 To 200, Deduct</i>	-65.82	
<i>For &gt;200, Deduct</i>	-92.35	
<i>For Steep Roof, Over 7 To 12, Add</i>	86.04	
07 31 13 13-0016 SQ 355 Lb./SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House) .....	616.78	295.71
<i>For &gt;35 To 75, Deduct</i>	-34.79	
<i>For &gt;75 To 100, Deduct</i>	-48.47	
<i>For &gt;100 To 200, Deduct</i>	-69.11	
<i>For &gt;200, Deduct</i>	-96.47	
<i>For Steep Roof, Over 7 To 12, Add</i>	86.04	
07 31 13 13-0017 SQ 480 Lb./SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL) .....	685.17	326.07
<i>For &gt;35 To 75, Deduct</i>	-38.87	
<i>For &gt;75 To 100, Deduct</i>	-54.06	
<i>For &gt;100 To 200, Deduct</i>	-77.02	
<i>For &gt;200, Deduct</i>	-107.39	
<i>For Steep Roof, Over 7 To 12, Add</i>	94.86	
07 31 13 13-0018 SQ 425 Lb./SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor) .....	674.60	310.47
<i>For &gt;35 To 75, Deduct</i>	-39.23	
<i>For &gt;75 To 100, Deduct</i>	-54.13	
<i>For &gt;100 To 200, Deduct</i>	-76.88	
<i>For &gt;200, Deduct</i>	-106.69	
<i>For Steep Roof, Over 7 To 12, Add</i>	90.34	
<b>07 31 13 13-0019 Asphalt Shingle Accessories</b> (07 31 13 13)		
07 31 13 13-0020 LF Hip And Ridge Roll Vent .....	8.81	1.14
Note: Excludes shingles.		
07 31 13 13-0021 LF Three Tab Hip And Ridge Shingles .....	4.03	2.84
07 31 13 13-0022 LF Architectural Hip And Ridge Shingles .....	4.86	3.15
07 31 13 13-0023 SQ Demolish Each Additional Layer Of Shingles .....	88.38	
<b>07 31 16 Metal Shingles</b> (07 31)		
<b>07 31 16 00-0001 Aluminum Shingles</b> (07 31 16)		
07 31 16 00-0002 SQ Aluminum Shingles, Mill Finish, 0.020" Thick .....	755.57	180.53
<i>For Colors, Anodized Finish, Add</i>	30.00	
<i>For Bonderized Finish, Add</i>	47.00	
<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0003 SQ Aluminum Shingles, Mill Finish, 0.030" Thick .....	1,029.30	197.31
<i>For Colors, Anodized Finish, Add</i>	30.00	
<i>For Bonderized Finish, Add</i>	47.00	
<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0004 LF Aluminum Shingles, Ridge Cap, 0.020" Thick .....	13.78	2.60
07 31 16 00-0005 LF Aluminum Shingles, Ridge Cap, 0.030" Thick .....	14.43	2.60
07 31 16 00-0006 LF Aluminum Shingles, Valley Section, 0.020" Thick .....	8.98	2.60
07 31 16 00-0007 LF Aluminum Shingles, Valley Section, 0.030" Thick .....	10.26	2.60
<b>07 31 16 00-0008 Galvanized Steel Shingles</b> (07 31 16)		
07 31 16 00-0009 SQ 24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles .....	604.24	162.44
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For &gt;50 To 75, Deduct</i>	-11.17	
<i>For &gt;75 To 100, Deduct</i>	-27.67	
<i>For &gt;100 To 200, Deduct</i>	-46.97	
<i>For &gt;200, Deduct</i>	-63.47	
<i>For Steep Roof, Over 7 To 12, Add</i>	103.98	
07 31 16 00-0010 SQ 26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles .....	578.47	161.14
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For &gt;50 To 75, Deduct</i>	-10.25	
<i>For &gt;75 To 100, Deduct</i>	-26.00	
<i>For &gt;100 To 200, Deduct</i>	-44.30	
<i>For &gt;200, Deduct</i>	-60.04	
<i>For Steep Roof, Over 7 To 12, Add</i>	103.09	
07 31 16 00-0011 SQ 24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles .....	1,011.44	162.44
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For &gt;50 To 75, Deduct</i>	-27.46	
<i>For &gt;75 To 100, Deduct</i>	-56.18	
<i>For &gt;100 To 200, Deduct</i>	-91.76	
<i>For &gt;200, Deduct</i>	-120.48	
<i>For Steep Roof, Over 7 To 12, Add</i>	103.98	
07 31 16 00-0012 SQ 26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles .....	924.04	161.14
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For &gt;50 To 75, Deduct</i>	-24.07	
<i>For &gt;75 To 100, Deduct</i>	-50.19	
<i>For &gt;100 To 200, Deduct</i>	-82.31	
<i>For &gt;200, Deduct</i>	-108.42	
<i>For Steep Roof, Over 7 To 12, Add</i>	103.09	

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley <i>For Factory Applied 1" Polystyrene Insulation, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Steep Roof, Over 7 To 12, Add</i>	10.13 24.75 -0.24 -0.52 -0.86 -1.14 1.36	2.17
<b>07 31 26 Slate Shingles</b> <small>(07 31)</small>					
Note: Includes 30 Lb. felt and fasteners.					
07 31 26 00-0001			<b>Shingles Including 30 Lb. Felt And Nails</b> <small>(07 31 26)</small>		
07 31 26 00-0002	SQ		Slate Shingles, Buckingham, Virginia Black, 3/16" Thick <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,257.04 -25.65 -60.29 -101.33 -135.97 96.20 197.02	277.08
07 31 26 00-0003	SQ		Slate Shingles, Buckingham, Virginia Black, 1/4" Thick <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,431.00 -32.61 -72.46 -120.47 -160.32 122.30 197.02	277.08
07 31 26 00-0004	SQ		Slate Shingles, Penn Black Bangor <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,378.82 -30.53 -68.81 -114.73 -153.01 114.47 197.02	277.08
07 31 26 00-0005	SQ		Slate Shingles, Vermont, Unfading Colors, Green <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,396.21 -31.22 -70.03 -116.64 -155.45 117.08 197.02	277.08
07 31 26 00-0006	SQ		Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,465.80 -34.00 -74.90 -124.30 -165.19 127.52 197.02	277.08
07 31 26 00-0007	SQ		Slate Shingles, Vermont, Unfading Color, Purple <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,378.82 -30.53 -68.81 -114.73 -153.01 114.47 197.02	277.08
07 31 26 00-0008	SQ		Slate Shingles, Vermont, Unfading Color, Black Or Gray <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,326.63 -28.44 -65.16 -108.99 -145.71 106.64 197.02	277.08
07 31 26 00-0009	SQ		Slate Shingles, Vermont, Unfading Color, Red <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	2,413.64 -71.92 -141.25 -228.56 -297.89 269.69 197.02	277.08
07 31 26 00-0010	SQ		Slate Shingles, Vermont, Unfading Color, Variegated Purple <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For Graduated Shapes, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i>	1,378.82 -30.53 -68.81 -114.73 -153.01 114.47 197.02	277.08

**07 31 29 Wood Shingles and Shakes** (07 31)**07 31 29 13 Wood Shingles** (07 31 29)07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0003 SQ 3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	965.35	237.86
<i>For Steep Roof, Over 7 To 12, Add</i>	152.23	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	73.44	
07 31 29 13-0004 SQ 5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	699.54	178.39
<i>For Steep Roof, Over 7 To 12, Add</i>	114.18	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	51.41	
07 31 29 13-0005 SQ 4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	857.26	202.18
<i>For Steep Roof, Over 7 To 12, Add</i>	129.40	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	67.93	
07 31 29 13-0006 SQ 5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	702.11	166.50
<i>For Steep Roof, Over 7 To 12, Add</i>	106.56	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	55.37	
07 31 29 13-0007 SQ 5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	932.13	157.59
<i>For Steep Roof, Over 7 To 12, Add</i>	100.85	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	92.55	
07 31 29 13-0008 SQ 7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	721.06	133.79
<i>For Steep Roof, Over 7 To 12, Add</i>	85.63	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	68.02	
<b>07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)</b>		
07 31 29 13-0010 SQ 7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	672.97	214.08
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	36.72	
07 31 29 13-0011 SQ 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	658.93	202.18
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	38.18	
07 31 29 13-0012 SQ 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	674.75	175.43
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	48.59	
<b>07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)</b>		
<b>07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)</b>		
07 31 29 13-0015 SQ 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	894.98	249.76
<i>For Steep Roof, Over 7 To 12, Add</i>	159.84	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	59.32	
07 31 29 13-0016 SQ 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	797.97	225.97
<i>For Steep Roof, Over 7 To 12, Add</i>	144.62	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	51.91	
07 31 29 13-0017 SQ 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	851.95	225.97
<i>For Steep Roof, Over 7 To 12, Add</i>	144.62	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	60.00	
07 31 29 13-0018 SQ 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	760.21	202.18
<i>For Steep Roof, Over 7 To 12, Add</i>	129.40	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	53.38	
07 31 29 13-0019 SQ 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	745.61	157.59
<i>For Steep Roof, Over 7 To 12, Add</i>	100.85	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	64.57	
07 31 29 13-0020 SQ 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	608.81	136.77
<i>For Steep Roof, Over 7 To 12, Add</i>	87.53	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	50.29	
<b>07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)</b>		
07 31 29 13-0022 SQ 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	649.67	225.97
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	29.66	
07 31 29 13-0023 SQ 7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	628.16	214.08
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	30.00	
07 31 29 13-0024 SQ 9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall.....	606.56	190.29
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	33.90	
<b>07 31 29 16 Wood Shakes (07 31 29)</b>		
<b>07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)</b>		
<b>07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)</b>		
07 31 29 16-0003 SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	702.91	193.26
<i>For Steep Roof, Over 7 To 12, Add</i>	123.69	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	47.46	
07 31 29 16-0004 SQ 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	808.37	193.26
<i>For Steep Roof, Over 7 To 12, Add</i>	123.69	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	63.28	
07 31 29 16-0005 SQ 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	750.18	157.59
<i>For Steep Roof, Over 7 To 12, Add</i>	100.85	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	65.25	
07 31 29 16-0006 SQ 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof.....	795.00	157.59
<i>For Steep Roof, Over 7 To 12, Add</i>	100.85	
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	71.98	
<b>07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)</b>		
07 31 29 16-0008 SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall.....	732.64	208.12
<i>For Pressure-Impregnated Treated (Preservative), Add</i>	47.46	

**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 16-0009	SQ		8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For Pressure-Impregnated Treated (Preservative), Add</i>	838.10 63.28	208.12
07 31 29 16-0010	SQ		10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For Pressure-Impregnated Treated (Preservative), Add</i>	791.82 65.25	178.39
07 31 29 16-0011	SQ		10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall ..... <i>For Pressure-Impregnated Treated (Preservative), Add</i>	836.64 71.98	178.39
<b>07 31 29 19</b>			<b>Wood Shingles And Shakes Cap</b> (07 31 29)		
<b>07 31 29 19-0001</b>			<b>Accessories</b> (07 31 29 19)		
07 31 29 19-0002	LF		Hip Or Ridge Cap For Wood Shingles Or Shakes ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	11.95 1.15 1.25	1.55
<b>07 31 33</b>			<b>Composite Rubber Shingles</b> (07 31)		
<b>07 31 33 00-0001</b>			<b>Synthetic Polymeric Rubber Slate Shingles</b> (07 31 33) Note: As manufactured by EcoStar.		
07 31 33 00-0002	SQ		Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure ..... Note: Gray or black. <i>For Purple Or Green Color, Add</i> <i>For Brown Or Red Color, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	1,347.59 138.21 354.16 154.81 -21.60 -55.28 -88.97 -134.76 93.95 187.90	241.93
07 31 33 00-0003	SQ		Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure ..... Note: Fire resistant. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	1,923.45 215.95 154.81 -35.99 -84.08 -132.16 -192.35 135.09 270.17	241.93
07 31 33 00-0004	SQ		Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure ..... Note: Beaver tail, chisel point or beveled edges. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	1,584.71 396.33 154.81 -27.52 -67.14 -106.76 -158.47 110.89 221.78	241.93
07 31 33 00-0005	SQ		Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure ..... Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black. <i>For Purple, Green, Brown Or Red, Add</i> <i>For Steep Roof, Over 7 To 12, Add</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 6.5" Exposure, Add</i> <i>For 6.0" Exposure, Add</i>	2,042.01 171.40 154.81 -38.96 -90.01 -141.06 -204.20 143.56 287.11	241.93
07 31 33 00-0006	LF		Hip Or Ridge Polymeric Rubber Slate Shingle ..... Note: Beveled or pointed edges, gray or black.	15.21	1.63
<b>07 32</b>			<b>Roof Tiles</b> (07 30)		
<b>07 32 13</b>			<b>Clay Roof Tiles</b> (07 32)		
07 32 13 00-0001			Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet. <b>Clay Roofing Tile 8-1/4" x 11" Exposure</b> (07 32 13) Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.		
07 32 13 00-0002	SQ		Lanai Or Classic Tile, 158 Piece Per SQ ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,312.50 -47.21 -91.83 -128.57 -157.45 -178.46 55.08	262.78
07 32 13 00-0003	SQ		Americana (Most Colors) Tile Roofing, 158 Piece Per SQ ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 75, Deduct</i> <i>For &gt;75 To 100, Deduct</i> <i>For &gt;100 To 200, Deduct</i> <i>For &gt;200, Deduct</i> <i>For 20 Year Warranty, Add</i>	1,563.96 -62.30 -116.97 -161.26 -195.17 -218.70 72.68	262.78



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0004 SQ Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ .....	1,563.96	262.78
For >25 To 50, Deduct	-62.30	
For >50 To 75, Deduct	-116.97	
For >75 To 100, Deduct	-161.26	
For >100 To 200, Deduct	-195.17	
For >200, Deduct	-218.70	
For 20 Year Warranty, Add	72.68	
07 32 13 00-0005 SQ Americana (Blue) Tile, 158 Piece Per SQ .....	1,777.32	262.78
For >25 To 50, Deduct	-75.10	
For >50 To 75, Deduct	-138.31	
For >75 To 100, Deduct	-189.00	
For >100 To 200, Deduct	-227.18	
For >200, Deduct	-252.83	
For 20 Year Warranty, Add	87.62	
07 32 13 00-0006 SQ French Tile Roofing, Red, 133 Piece Per SQ .....	1,564.64	321.30
For >25 To 50, Deduct	-55.32	
For >50 To 75, Deduct	-108.27	
For >75 To 100, Deduct	-152.00	
For >100 To 200, Deduct	-186.50	
For >200, Deduct	-211.79	
For 20 Year Warranty, Add	64.54	
07 32 13 00-0007 SQ French Tile Roofing, Blue Or Green, 133 Piece Per SQ .....	1,939.98	321.30
For >25 To 50, Deduct	-77.84	
For >50 To 75, Deduct	-145.81	
For >75 To 100, Deduct	-200.79	
For >100 To 200, Deduct	-242.80	
For >200, Deduct	-271.84	
For 20 Year Warranty, Add	90.82	
07 32 13 00-0008 SQ Norman Tile Roofing, 317 Piece Per SQ .....	2,476.46	433.45
For >25 To 50, Deduct	-96.59	
For >50 To 75, Deduct	-182.65	
For >75 To 100, Deduct	-252.61	
For >100 To 200, Deduct	-306.47	
For >200, Deduct	-344.24	
For 20 Year Warranty, Add	112.69	
07 32 13 00-0009 SQ Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ .....	1,376.85	321.30
For >25 To 50, Deduct	-44.06	
For >50 To 75, Deduct	-89.49	
For >75 To 100, Deduct	-127.58	
For >100 To 200, Deduct	-158.33	
For >200, Deduct	-181.74	
For 20 Year Warranty, Add	51.40	
07 32 13 00-0010 SQ Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ .....	1,680.90	321.30
For >25 To 50, Deduct	-62.30	
For >50 To 75, Deduct	-119.90	
For >75 To 100, Deduct	-167.11	
For >100 To 200, Deduct	-203.94	
For >200, Deduct	-230.39	
For 20 Year Warranty, Add	72.68	
07 32 13 00-0011 SQ Spanish Tile Roofing, Red, 171 Piece Per SQ .....	1,176.61	240.57
For >25 To 50, Deduct	-41.73	
For >50 To 75, Deduct	-81.57	
For >75 To 100, Deduct	-114.46	
For >100 To 200, Deduct	-140.40	
For >200, Deduct	-159.39	
For 20 Year Warranty, Add	48.68	
07 32 13 00-0012 SQ Spanish Tile Roofing, Blend, 171 Piece Per SQ .....	1,504.27	240.57
For >25 To 50, Deduct	-61.39	
For >50 To 75, Deduct	-114.34	
For >75 To 100, Deduct	-157.06	
For >100 To 200, Deduct	-189.55	
For >200, Deduct	-211.81	
For 20 Year Warranty, Add	71.62	
07 32 13 00-0013 SQ Spanish Tile Roofing, Glazed White, 171 Piece Per SQ .....	1,786.21	240.57
For >25 To 50, Deduct	-78.30	
For >50 To 75, Deduct	-142.53	
For >75 To 100, Deduct	-193.71	
For >100 To 200, Deduct	-231.84	
For >200, Deduct	-256.92	
For 20 Year Warranty, Add	91.35	
07 32 13 00-0014 SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ .....	2,173.53	377.10
For >25 To 50, Deduct	-85.16	
For >50 To 75, Deduct	-160.79	
For >75 To 100, Deduct	-222.22	
For >100 To 200, Deduct	-269.46	
For >200, Deduct	-302.51	
For 20 Year Warranty, Add	99.35	
07 32 13 00-0015 SQ One Piece Mission Tile Roofing, 75 Piece Per SQ .....	984.84	262.78
For >25 To 50, Deduct	-27.55	
For >50 To 75, Deduct	-59.06	
For >75 To 100, Deduct	-85.98	
For >100 To 200, Deduct	-108.30	
For >200, Deduct	-126.04	
For 20 Year Warranty, Add	32.14	



**07 Thermal And Moisture Protection****07 30 Steep Slope Roofing****07 32 Roof Tiles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0016	SQ		One Piece Mission Tile Roofing, 134 Piece Per SQ .....	1,316.28	377.10
			<i>For &gt;25 To 50, Deduct</i>	-33.72	
			<i>For &gt;50 To 75, Deduct</i>	-75.06	
			<i>For &gt;75 To 100, Deduct</i>	-110.78	
			<i>For &gt;100 To 200, Deduct</i>	-140.88	
			<i>For &gt;200, Deduct</i>	-165.35	
			<i>For 20 Year Warranty, Add</i>	39.35	
<b>07 32 16</b>			<b>Concrete Roof Tiles</b> <small>(07 32)</small>		
<b>07 32 16 00-0001</b>			<b>Corrugated Tiles And Shakes Nailed To Wood</b> <small>(07 32 16)</small>		
			Note: Includes 30 Lb. felt underlayment.		
07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Earthtone Colors, Corrugated.....	1,111.25	398.34
			<i>For &gt;50 To 75, Deduct</i>	-12.58	
			<i>For &gt;75 To 100, Deduct</i>	-41.93	
			<i>For &gt;100 To 200, Deduct</i>	-74.43	
			<i>For &gt;200, Deduct</i>	-103.78	
			<i>For Steep Roof, Over 7 To 12, Add</i>	254.97	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Blues, Corrugated .....	1,424.55	398.34
			<i>For &gt;50 To 75, Deduct</i>	-25.11	
			<i>For &gt;75 To 100, Deduct</i>	-63.86	
			<i>For &gt;100 To 200, Deduct</i>	-108.89	
			<i>For &gt;200, Deduct</i>	-147.65	
			<i>For Steep Roof, Over 7 To 12, Add</i>	254.97	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Custom Greens Corrugated .....	1,173.91	398.34
			<i>For &gt;50 To 75, Deduct</i>	-15.09	
			<i>For &gt;75 To 100, Deduct</i>	-46.32	
			<i>For &gt;100 To 200, Deduct</i>	-81.32	
			<i>For &gt;200, Deduct</i>	-112.56	
			<i>For Steep Roof, Over 7 To 12, Add</i>	254.97	
07 32 16 00-0005	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 Lb./SQ, Colors, Shakes .....	1,105.71	356.40
			<i>For &gt;50 To 75, Deduct</i>	-15.71	
			<i>For &gt;75 To 100, Deduct</i>	-45.32	
			<i>For &gt;100 To 200, Deduct</i>	-78.85	
			<i>For &gt;200, Deduct</i>	-108.46	
			<i>For Steep Roof, Over 7 To 12, Add</i>	228.13	
<b>07 32 16 00-0006</b>			<b>Accessories</b> <small>(07 32 16)</small>		
07 32 16 00-0007	EA		Ridge And Hip, 10" X 16-1/2", 8 Lb. Each For Concrete Tile Roof .....	5.29	
07 32 16 00-0008	EA		Rake, 6-1/2" X 16-3/4", 9 Lb. Each For Concrete Tile Roof .....	3.48	
07 32 16 00-0009	EA		Mansard Hip, 10" X 16-1/2", 9.2 Lb. Each For Concrete Tile Roof .....	5.26	
07 32 16 00-0010	EA		Hip Starter, 10" X 16-1/2", 10.5 Lb. Each For Concrete Tile Roof .....	6.02	
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 Lb. Each For Concrete Tile Roof .....	6.27	
<b>07 34</b>			<b>Roofing Underlayment</b> <small>(07 30)</small>		
<b>07 34 00 00-0001</b>			<b>Mechanically Fastened, Roofing Underlayment</b> <small>(07 34)</small>		
			Note: Standard slope.		
07 34 00 00-0002	SQ		15 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	39.79	7.79
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.99	
			<i>For &gt;50 To 75, Deduct</i>	-0.97	
			<i>For &gt;75 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-3.44	
			<i>For &gt;200, Deduct</i>	-4.95	
07 34 00 00-0003	SQ		30 Lb., Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened.....	61.87	10.72
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.86	
			<i>For &gt;50 To 75, Deduct</i>	-1.62	
			<i>For &gt;75 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 200, Deduct</i>	-5.52	
			<i>For &gt;200, Deduct</i>	-7.80	
07 34 00 00-0004	SQ		30 Lb., Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened .....	69.48	10.72
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.86	
			<i>For &gt;50 To 75, Deduct</i>	-1.92	
			<i>For &gt;75 To 100, Deduct</i>	-3.90	
			<i>For &gt;100 To 200, Deduct</i>	-6.36	
			<i>For &gt;200, Deduct</i>	-8.87	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt) .....	75.66	16.24
			<i>For Steep Roof, Over 7 To 12, Add</i>	10.40	
			<i>For &gt;50 To 75, Deduct</i>	-1.73	
			<i>For &gt;75 To 100, Deduct</i>	-3.83	
			<i>For &gt;100 To 200, Deduct</i>	-6.37	
			<i>For &gt;200, Deduct</i>	-9.29	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25).....	84.67	16.24
			<i>For Steep Roof, Over 7 To 12, Add</i>	10.40	
			<i>For &gt;50 To 75, Deduct</i>	-2.09	
			<i>For &gt;75 To 100, Deduct</i>	-4.46	
			<i>For &gt;100 To 200, Deduct</i>	-7.36	
			<i>For &gt;200, Deduct</i>	-10.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007 SQ 25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30).....	99.53	16.24
<i>For Steep Roof, Over 7 To 12, Add</i>	10.40	
<i>For &gt;50 To 75, Deduct</i>	-2.68	
<i>For &gt;75 To 100, Deduct</i>	-5.51	
<i>For &gt;100 To 200, Deduct</i>	-9.00	
<i>For &gt;200, Deduct</i>	-12.63	
07 34 00 00-0008 SQ 30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	92.10	16.24
<i>For Steep Roof, Over 7 To 12, Add</i>	10.40	
<i>For &gt;50 To 75, Deduct</i>	-2.38	
<i>For &gt;75 To 100, Deduct</i>	-4.98	
<i>For &gt;100 To 200, Deduct</i>	-8.18	
<i>For &gt;200, Deduct</i>	-11.59	
<b>07 34 00 00-0009 Self-Adhering, Roofing Underlayment (07 34)</b>		
Note: Standard slope.		
07 34 00 00-0010 SQ 48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat) .....	162.69	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-4.93	
<i>For &gt;75 To 100, Deduct</i>	-9.62	
<i>For &gt;100 To 200, Deduct</i>	-15.53	
<i>For &gt;200, Deduct</i>	-21.20	
07 34 00 00-0011 SQ 60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	248.81	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-8.38	
<i>For &gt;75 To 100, Deduct</i>	-15.64	
<i>For &gt;100 To 200, Deduct</i>	-25.01	
<i>For &gt;200, Deduct</i>	-33.26	
07 34 00 00-0012 SQ 53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G).....	173.34	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-5.36	
<i>For &gt;75 To 100, Deduct</i>	-10.36	
<i>For &gt;100 To 200, Deduct</i>	-16.70	
<i>For &gt;200, Deduct</i>	-22.69	
07 34 00 00-0013 SQ 65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal).....	162.69	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-4.93	
<i>For &gt;75 To 100, Deduct</i>	-9.62	
<i>For &gt;100 To 200, Deduct</i>	-15.53	
<i>For &gt;200, Deduct</i>	-21.20	
07 34 00 00-0014 SQ 45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30).....	236.39	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-7.88	
<i>For &gt;75 To 100, Deduct</i>	-14.77	
<i>For &gt;100 To 200, Deduct</i>	-23.64	
<i>For &gt;200, Deduct</i>	-31.52	
07 34 00 00-0015 SQ 25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	197.47	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-6.32	
<i>For &gt;75 To 100, Deduct</i>	-12.05	
<i>For &gt;100 To 200, Deduct</i>	-19.36	
<i>For &gt;200, Deduct</i>	-26.07	
07 34 00 00-0016 SQ 40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®).....	297.75	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-10.33	
<i>For &gt;75 To 100, Deduct</i>	-19.07	
<i>For &gt;100 To 200, Deduct</i>	-30.39	
<i>For &gt;200, Deduct</i>	-40.11	
07 34 00 00-0017 SQ 40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT).....	341.68	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-12.09	
<i>For &gt;75 To 100, Deduct</i>	-22.15	
<i>For &gt;100 To 200, Deduct</i>	-35.22	
<i>For &gt;200, Deduct</i>	-46.26	
07 34 00 00-0018 SQ 30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High-Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra).....	506.48	19.70
<i>For Steep Roof, Over 7 To 12, Add</i>	12.60	
<i>For &gt;50 To 75, Deduct</i>	-18.68	
<i>For &gt;75 To 100, Deduct</i>	-33.68	
<i>For &gt;100 To 200, Deduct</i>	-53.35	
<i>For &gt;200, Deduct</i>	-69.33	

**07 40 Roofing and Siding Panels**<sup>(07)</sup>

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**07 41 Roof Panels** (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

**07 41 13 Metal Roof Panels** (07 41)

07 41 13 00-0001	Exposed Fastener Metal Roofing (07 41 13) Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.		
07 41 13 00-0002	Galvanized Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0003	Galvanized Steel Exposed Fastener Metal Roof Panels (07 41 13 00-0002)		
07 41 13 00-0004	SF 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	8.38	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0005	SF 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.67	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0006	SF 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.17	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0007	SF 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.68	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0008	SF 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.27	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0009	SF 28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.92	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0010	SF 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.78	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0011	Galvanized Exposed Fastener Metal Roof Accessories (07 41 13 00-0002) See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012	LF Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....	27.38	2.82
	For Steep Roof, Over 7 To 12, Add	3.65	
	For Fluoropolymer (Kynar®) Coating, Add	1.60	
07 41 13 00-0013	LF 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing.....	17.07	1.85
	For Steep Roof, Over 7 To 12, Add	2.43	
	For Fluoropolymer (Kynar®) Coating, Add	0.95	
07 41 13 00-0014	LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....	33.66	2.82
	For Steep Roof, Over 7 To 12, Add	3.65	
	For Fluoropolymer (Kynar®) Coating, Add	2.23	
07 41 13 00-0015	LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing.....	27.95	2.82
	For Steep Roof, Over 7 To 12, Add	3.65	
	For Fluoropolymer (Kynar®) Coating, Add	1.66	
07 41 13 00-0016	Aluminum Exposed Fastener Metal Roofing (07 41 13 00-0001)		
07 41 13 00-0017	Aluminum Exposed Fastener Metal Roof Panels (07 41 13 00-0016)		
07 41 13 00-0018	SF 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	6.83	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0019	SF 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	7.22	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0020	SF 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	8.18	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0021	SF 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	9.46	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0022	SF 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	10.74	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0023	SF 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	12.33	2.71
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
	For Steep Roof, Over 7 To 12, Add	1.39	
07 41 13 00-0024	Aluminum Exposed Fastener Metal Roof Accessories (07 41 13 00-0016)		
07 41 13 00-0025	LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing.....	31.23	2.82
	For Steep Roof, Over 7 To 12, Add	3.65	
	For Fluoropolymer (Kynar®) Coating, Add	1.98	
07 41 13 00-0026	LF 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing.....	19.29	1.96
	For Steep Roof, Over 7 To 12, Add	2.43	
	For Fluoropolymer (Kynar®) Coating, Add	1.17	
07 41 13 00-0027	LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing.....	39.07	2.82
	For Steep Roof, Over 7 To 12, Add	3.65	
	For Fluoropolymer (Kynar®) Coating, Add	2.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0028 LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing ..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Fluoropolymer (Kynar®) Coating, Add</i>	31.94 3.65 2.05	2.82
<b>07 41 13 00-0029 Standing Seam Roofs</b> <small>(07 41 13)</small> Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.		
<b>07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing</b> <small>(07 41 13 00-0029)</small> Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
<b>07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing</b> <small>(07 41 13 00-0030)</small>		
07 41 13 00-0032 SF Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	13.04 1.73 0.72 1.72 3.26 1.96 0.33	2.87
07 41 13 00-0033 SF Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	13.73 1.73 0.74 1.75 3.43 2.06 0.34	2.87
07 41 13 00-0034 SF Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	12.44 1.73 0.71 1.69 3.11 1.87 0.31	2.87
07 41 13 00-0035 SF Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	12.68 1.73 0.71 1.70 3.17 1.90 0.32	2.87
07 41 13 00-0036 SF Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	12.95 1.73 0.72 1.71 3.24 1.94 0.32	2.87
07 41 13 00-0037 SF Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i> <i>For Panels &lt;16" Wide, Add</i> <i>For Up To 1,500, Add</i> <i>For &gt;1,500 To 5,000, Add</i> <i>For &gt;5,000 To 10,000, Add</i>	13.94 1.73 0.74 1.76 3.49 2.09 0.35	2.87
<b>07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing</b> <small>(07 41 13 00-0030)</small>		
07 41 13 00-0039 LF Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	28.98 3.42 1.49	2.82
07 41 13 00-0040 LF 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	18.02 2.28 0.97	1.96
07 41 13 00-0041 LF Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	35.88 3.42 1.63	2.82
07 41 13 00-0042 LF Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add</i> <i>For 140 MPH Wind Load, Add</i>	29.60 3.42 1.50	2.82
<b>07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing</b> <small>(07 41 13 00-0029)</small> Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.		
<b>07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing</b> <small>(07 41 13 00-0043)</small>		

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0045	SF		Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	13.52	2.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.73	
			<i>For 140 MPH Wind Load, Add</i>	0.73	
			<i>For Panels &lt;16" Wide, Add</i>	1.74	
			<i>For Up To 1,500, Add</i>	3.38	
			<i>For &gt;1,500 To 5,000, Add</i>	2.03	
			<i>For &gt;5,000 To 10,000, Add</i>	0.34	
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	14.10	2.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.73	
			<i>For 140 MPH Wind Load, Add</i>	0.74	
			<i>For Panels &lt;16" Wide, Add</i>	1.77	
			<i>For Up To 1,500, Add</i>	3.53	
			<i>For &gt;1,500 To 5,000, Add</i>	2.12	
			<i>For &gt;5,000 To 10,000, Add</i>	0.35	
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing .....	13.19	2.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.73	
			<i>For 140 MPH Wind Load, Add</i>	0.72	
			<i>For Panels &lt;16" Wide, Add</i>	1.73	
			<i>For Up To 1,500, Add</i>	3.30	
			<i>For &gt;1,500 To 5,000, Add</i>	1.98	
			<i>For &gt;5,000 To 10,000, Add</i>	0.33	
07 41 13 00-0048	SF		Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing .....	14.26	2.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	1.73	
			<i>For 140 MPH Wind Load, Add</i>	0.75	
			<i>For Panels &lt;16" Wide, Add</i>	1.78	
			<i>For Up To 1,500, Add</i>	3.57	
			<i>For &gt;1,500 To 5,000, Add</i>	2.14	
			<i>For &gt;5,000 To 10,000, Add</i>	0.36	
<b>07 41 13 00-0049</b>			<b>Accessories For Aluminum Standing Seam Roofing</b> (07 41 13 00-0043)		
07 41 13 00-0050	LF		Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	33.21	2.82
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.42	
			<i>For 140 MPH Wind Load, Add</i>	1.58	
07 41 13 00-0051	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing .....	20.46	1.96
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.28	
			<i>For 140 MPH Wind Load, Add</i>	1.02	
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing .....	41.84	2.82
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.42	
			<i>For 140 MPH Wind Load, Add</i>	1.75	
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	34.00	2.82
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.42	
			<i>For 140 MPH Wind Load, Add</i>	1.59	
<b>07 41 13 00-0054</b>			<b>Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0029)		
<b>07 41 13 00-0055</b>			<b>Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0054)		
07 41 13 00-0056	SF		Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....	25.38	3.45
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.59	
			<i>For 140 MPH Wind Load, Add</i>	1.20	
			<i>For Panels &lt;16" Wide, Add</i>	2.87	
			<i>For Up To 1,500, Add</i>	6.35	
			<i>For &gt;1,500 To 5,000, Add</i>	3.81	
			<i>For &gt;5,000 To 10,000, Add</i>	0.63	
07 41 13 00-0057	SF		Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing .....	28.95	3.45
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.59	
			<i>For 140 MPH Wind Load, Add</i>	1.27	
			<i>For Panels &lt;16" Wide, Add</i>	3.04	
			<i>For Up To 1,500, Add</i>	7.24	
			<i>For &gt;1,500 To 5,000, Add</i>	4.34	
			<i>For &gt;5,000 To 10,000, Add</i>	0.72	
07 41 13 00-0058	SF		Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing .....	33.17	3.45
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.59	
			<i>For 140 MPH Wind Load, Add</i>	1.35	
			<i>For Panels &lt;16" Wide, Add</i>	3.26	
			<i>For Up To 1,500, Add</i>	8.29	
			<i>For &gt;1,500 To 5,000, Add</i>	4.98	
			<i>For &gt;5,000 To 10,000, Add</i>	0.83	
07 41 13 00-0059	SF		Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing .....	38.59	3.45
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.59	
			<i>For 140 MPH Wind Load, Add</i>	1.46	
			<i>For Panels &lt;16" Wide, Add</i>	3.53	
			<i>For Up To 1,500, Add</i>	9.65	
			<i>For &gt;1,500 To 5,000, Add</i>	5.79	
			<i>For &gt;5,000 To 10,000, Add</i>	0.96	
<b>07 41 13 00-0060</b>			<b>Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing</b> (07 41 13 00-0054)		
07 41 13 00-0061	LF		Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	78.02	3.15
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.78	
			<i>For 140 MPH Wind Load, Add</i>	2.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0062 LF 9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing ..... <i>For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add</i>	42.10 2.51 1.51	2.07
07 41 13 00-0063 LF Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add</i>	107.87 3.75 3.16	3.15
07 41 13 00-0064 LF Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing..... <i>For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add</i>	80.39 3.78 2.62	3.15
<b>07 41 13 00-0065 Metal Roof Surfacing</b> (07 41 13)		
07 41 13 00-0066 SF Acrylic, Metal Roof Primer, One Coat..... <i>For Steep Roof, Over 7 To 12, Add</i>	0.86 0.19	
07 41 13 00-0067 SF Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat..... <i>Note: 55% solids by volume. For Steep Roof, Over 7 To 12, Add</i>	1.11 0.19	
<b>07 41 33 Plastic Roof Panels</b> (07 41)		
<b>07 41 33 00-0001 Polyvinyl Chloride (PVC) Roofing Panels</b> (07 41 33)		
<b>07 41 33 00-0002 Polyvinyl Chloride (PVC) Roofing Panels</b> (07 41 33 00-0001)		
07 41 33 00-0003 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide.....	7.83	2.18
07 41 33 00-0004 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	7.64	1.96
07 41 33 00-0005 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	8.22	2.18
07 41 33 00-0006 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	7.97	1.96
<b>07 41 33 00-0007 Polyvinyl Chloride (PVC) Roofing Accessories</b> (07 41 33 00-0001)		
07 41 33 00-0008 LF 1" "J" Channel, Starter Strip Trim.....	4.47	1.64
07 41 33 00-0009 LF 3-1/2" "J" Channel, Starter Strip Trim.....	7.43	1.64
07 41 33 00-0010 LF Outside Corner Post, 7/8" Pocket.....	8.29	1.64
07 41 33 00-0011 LF Inside Corner Post, 7/8" Pocket.....	5.99	1.64
<b>07 41 33 00-0012 Fiberglass Roofing Panel</b> (07 41 33)		
<b>07 41 33 00-0013 Corrugated Panels</b> (07 41 33 00-0012)		
07 41 33 00-0014 SF 8 Ounce Corrugated Fiberglass Panel.....	7.09	1.75
07 41 33 00-0015 SF 12 Ounce Corrugated Fiberglass Panel.....	8.25	1.75
<b>07 42 Wall Panels</b> (07 40)		
<b>07 42 13 Metal Wall Panels</b> (07 42)		
<b>07 42 13 19 Insulated Metal Wall Panels</b> (07 42 13)		
<b>07 42 13 19-0001 Insulated Ceramicsteel Panels</b> (07 42 13 19)		
07 42 13 19-0002 SF 1" Glazing Panels For Air Conditioning Cut-Outs.....	32.29	6.33
<b>07 42 13 19-0003 Insulated Panels For Sash/Window Replacement</b> (07 42 13 19)		
<i>Note: Porcelain or polymer finish on aluminum panel with polystyrene core.</i>		
07 42 13 19-0004 SF 1" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	32.29 -5.68	4.76
07 42 13 19-0005 SF 1-1/4" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	34.88 -6.07	5.35
07 42 13 19-0006 SF 1-3/4" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	37.27 -6.46	5.95
07 42 13 19-0007 SF 2-1/4" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	39.79 -6.85	6.19
07 42 13 19-0008 SF 3-1/4" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	45.35 -7.96	6.78
07 42 13 19-0009 SF 4-1/4" Insulated Panel For Sash Or Window Replacement..... <i>For Non-Insulated Panels, Deduct</i>	53.07 -9.55	7.50
<b>07 42 13 23 Metal Composite Material Wall Panels</b> (07 42 13)		
<b>07 42 13 23-0001 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels</b> (07 42 13 23)		
<i>Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.</i>		
07 42 13 23-0002 SF 2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels..... <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add For Premium Exterior Colors, Add</i>	22.81 0.24 0.12	2.50



**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 42 Wall Panels**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0003	SF		2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	25.55	2.82
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> .....	0.24	
			<i>For Premium Exterior Colors, Add</i> .....	0.12	
07 42 13 23-0004	SF		3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	27.84	3.21
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> .....	0.24	
			<i>For Premium Exterior Colors, Add</i> .....	0.12	
07 42 13 23-0005	SF		4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	30.91	4.24
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> .....	0.24	
			<i>For Premium Exterior Colors, Add</i> .....	0.12	

**07 42 63 Fabricated Wall Panel Assemblies (07 42)**

07 42 63 00-0001			<b>Insulated Freezer And Chiller Panels (07 42 63)</b> Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002			<b>Polyurethane Sandwich Panel (07 42 63 00-0001)</b> Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF		2" 22 Gauge Freezer Panel Sheet Metal Both Faces .....	29.74	1.80
07 42 63 00-0004	SF		3" 22 Gauge Freezer Panel Sheet Metal Both Faces .....	31.61	1.80
07 42 63 00-0005	SF		4" 22 Gauge Freezer Panel Sheet Metal Both Faces .....	37.93	1.80
07 42 63 00-0006	SF		5" 22 Gauge Freezer Panel Sheet Metal Both Faces .....	41.16	1.92
07 42 63 00-0007	SF		6" 22 Gauge Freezer Panel Sheet Metal Both Faces .....	43.78	1.92
07 42 63 00-0008	SF		2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) .....	26.73	1.48
07 42 63 00-0009	SF		3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) .....	29.23	1.48
07 42 63 00-0010	SF		4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) .....	35.52	1.59
07 42 63 00-0011	SF		5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) .....	34.37	1.59
07 42 63 00-0012	SF		6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner) .....	40.69	1.59

**07 42 63 00-0013 Polyurethane Sandwich Panel (07 42 63 00-0001)**

Note: With .040 aluminum baked enamel finish.

07 42 63 00-0014	SF		2" Freezer Panel 0.040" Aluminum Finish Both Faces .....	24.26	1.80
07 42 63 00-0015	SF		3" Freezer Panel 0.040" Aluminum Finish Both Faces .....	26.14	1.80
07 42 63 00-0016	SF		4" Freezer Panel 0.040" Aluminum Finish Both Faces .....	30.94	1.80
07 42 63 00-0017	SF		5" Freezer Panel 0.040" Aluminum Finish Both Faces .....	33.87	1.92
07 42 63 00-0018	SF		6" Freezer Panel 0.040" Aluminum Finish Both Faces .....	35.87	1.92
07 42 63 00-0019	SF		2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) .....	21.86	1.48
07 42 63 00-0020	SF		3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) .....	23.75	1.48
07 42 63 00-0021	SF		4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) .....	25.69	1.59
07 42 63 00-0022	SF		5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) .....	30.49	1.59
07 42 63 00-0023	SF		6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel) .....	33.40	1.59

**07 42 93 Soffit Panels (07 42)**

07 42 93 00-0001			<b>Aluminum Soffit And Fascia (07 42 93)</b> Note: Excludes J-channel.		
07 42 93 00-0002	LF		6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	4.88	1.66
			<i>For 0.015" Thick, Deduct</i> .....	-0.11	
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	6.08	1.74
			<i>For 0.015" Thick, Deduct</i> .....	-0.17	
07 42 93 00-0004	LF		1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....	6.67	1.80
			<i>For 0.015" Thick, Deduct</i> .....	-0.21	
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit.....	8.40	1.89
			<i>For 0.015" Thick, Deduct</i> .....	-0.32	
07 42 93 00-0006	LF		2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....	10.32	2.07
			<i>For 0.015" Thick, Deduct</i> .....	-0.45	
07 42 93 00-0007	LF		3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....	13.82	2.28
			<i>For 0.015" Thick, Deduct</i> .....	-0.66	
07 42 93 00-0008	LF		4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....	17.35	2.52
			<i>For 0.015" Thick, Deduct</i> .....	-0.90	
07 42 93 00-0009	LF		5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit .....	20.94	2.77
			<i>For 0.015" Thick, Deduct</i> .....	-1.11	
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia .....	5.78	1.62
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia .....	6.34	1.66
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia .....	7.47	1.71
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia .....	8.69	1.74

**07 46 Siding (07 40)****07 46 16 Aluminum Siding (07 46)**

Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.

07 46 16 00-0001			<b>Aluminum Coil Stock Cladding (07 46 16)</b> Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF		0.016" Thick, Aluminum Clad Siding.....	11.64	3.61
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding.....	11.82	3.61
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding.....	12.11	3.61



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0005				<b>Aluminum Siding Panels</b> (07 46 16)		
07 46 16 00-0006				<b>Corrugated Aluminum Siding Panels</b> (07 46 16 00-0005)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 16 00-0007	SF		0.019", Painted Finish, Corrugated Aluminum Siding Panel.....	8.96	2.17
	07 46 16 00-0008	SF		0.021", Painted Finish, Corrugated Aluminum Siding Panel.....	9.36	2.17
	07 46 16 00-0009	SF		0.024", Painted Finish, Corrugated Aluminum Siding Panel.....	10.65	2.17
	07 46 16 00-0010	SF		0.032", Painted Finish, Corrugated Aluminum Siding Panel.....	13.16	2.17
07 46 16 00-0011				<b>V- Beam Aluminum Siding Panels</b> (07 46 16 00-0005)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 16 00-0012	SF		0.032", Painted Finish, V- Beam Aluminum Siding Panel.....	13.05	2.17
	07 46 16 00-0013	SF		0.040", Painted Finish, V- Beam Aluminum Siding Panel.....	14.74	2.17
	07 46 16 00-0014	SF		0.050", Painted Finish, V- Beam Aluminum Siding Panel.....	18.73	2.17
07 46 16 00-0015				<b>Box Ribbed Aluminum Siding Panels</b> (07 46 16 00-0005)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 16 00-0016	SF		0.032", Painted Finish, Box Ribbed Aluminum Siding Panel.....	13.80	2.17
	07 46 16 00-0017	SF		0.040", Painted Finish, Box Ribbed Aluminum Siding Panel.....	15.42	2.17
	07 46 16 00-0018	SF		0.050", Painted Finish, Box Ribbed Aluminum Siding Panel.....	16.42	2.17
07 46 16 00-0019				<b>Aluminum Siding Accessories</b> (07 46 16)		
	07 46 16 00-0020	LF		3/8" Pocket, Aluminum J-Channel.....	3.77	1.55
	07 46 16 00-0021	LF		1/2" Pocket, Aluminum J-Channel.....	3.77	1.55
	07 46 16 00-0022	LF		3/4" Pocket, Aluminum J-Channel.....	4.47	1.55
	07 46 16 00-0023	LF		3/8" Pocket, Aluminum F-Channel.....	4.14	1.55
	07 46 16 00-0024	LF		1/2" Pocket, Aluminum F-Channel.....	4.14	1.55
07 46 19				<b>Steel Siding</b> (07 46)		
				Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001				<b>Steel Siding Panels</b> (07 46 19)		
07 46 19 00-0002				<b>Corrugated Steel Siding Panels</b> (07 46 19 00-0001)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 19 00-0003	SF		20 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	13.54	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	2.30	
	07 46 19 00-0004	SF		22 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	12.35	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	2.00	
	07 46 19 00-0005	SF		24 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	12.05	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.93	
	07 46 19 00-0006	SF		26 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.55	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.05	
	07 46 19 00-0007	SF		28 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.30	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	0.99	
	07 46 19 00-0008	SF		30 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.14	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	0.95	
07 46 19 00-0009				<b>Box Ribbed Steel Siding Panels</b> (07 46 19 00-0001)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 19 00-0010	SF		20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	12.65	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	2.08	
	07 46 19 00-0011	SF		22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	12.11	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.94	
	07 46 19 00-0012	SF		24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.76	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.85	
	07 46 19 00-0013	SF		26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.16	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.70	
	07 46 19 00-0014	SF		28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	9.89	2.17
				<i>For Galvanized Instead Of Painted Steel, Add</i>	1.39	
07 46 19 00-0015				<b>Clapboard Steel Siding Panels</b> (07 46 19 00-0001)		
				Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
	07 46 19 00-0016	SF		29 Gauge, Painted Finish, Clapboard Steel Siding Panel.....	9.30	1.09
07 46 23				<b>Wood Siding</b> (07 46)		
				Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001				<b>Wood Lap Siding</b> (07 46 23)		
	07 46 23 00-0002	LF		8" Wide Rough Sawn Cedar Lap Siding.....	4.45	1.72
	07 46 23 00-0003	LF		10" Wide Rough Sawn Cedar Lap Siding.....	5.00	1.83
	07 46 23 00-0004	LF		12" Wide Rough Sawn Cedar Lap Siding.....	5.57	1.95
	07 46 23 00-0005	LF		6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade.....	4.75	1.72
	07 46 23 00-0006	LF		6" To 8" Wide Spruce Lap Siding, #2 Or Better.....	5.27	1.72
	07 46 23 00-0007	LF		6" To 8" Wide Western Red Cedar, B Grade Lap Siding.....	6.38	1.72
	07 46 23 00-0008	LF		6" To 8" Wide Western Red Cedar, A Grade Lap Siding.....	6.81	1.72

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07 46 23 00-0009	LF	6" To 8" Wide Clear Heart Redwood Lap Siding.....	6.19	1.72
	07 46 23 00-0010	LF	1" x 8" Cedar Round Or Flat Front Siding, Log Cabin .....	4.41	1.83
	07 46 23 00-0011	LF	1" x 8" Cedar Beveled Siding, Channel, Rustic.....	4.41	1.83
<b>07 46 23 00-0012</b>	<b>Tongue And Groove Siding (07 46 23)</b>				
	07 46 23 00-0013	SF	1" x 6" Tongue And Groove Southern Yellow Pine Siding .....	4.44	1.72
	07 46 23 00-0014	SF	1" x 8" Tongue And Groove Southern Yellow Pine Siding .....	4.90	1.72
	07 46 23 00-0015	SF	1" x 6" 105 Southern Yellow Pine Siding .....	4.55	1.72
	07 46 23 00-0016	SF	1" x 8" 105 Southern Yellow Pine Siding .....	5.17	1.72
<b>07 46 29</b>	<b>Plywood Siding (07 46)</b>				
	Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.				
<b>07 46 29 00-0001</b>	<b>T-111 Siding (07 46 29)</b>				
	07 46 29 00-0002	SF	5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	3.04	0.84
			For Pressure Treated, Add	0.18	
<b>07 46 33</b>	<b>Plastic Siding (07 46)</b>				
	Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.				
<b>07 46 33 00-0001</b>	<b>Vinyl Siding (07 46 33)</b>				
	Note: Includes standard manufacturer's colors.				
<b>07 46 33 00-0002</b>	<b>Vinyl Siding Panels (07 46 33 00-0001)</b>				
	Note: Excludes J-channels, starter strips and trim.				
<b>07 46 33 00-0003</b>	<b>Horizontal Vinyl Siding Panels (07 46 33 00-0002)</b>				
	Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.				
	07 46 33 00-0004	SF	7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.60	2.04
			For 0.040" Thick, Deduct	-0.22	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.70	
			For Manufacturer's Custom Colors, Add	0.08	
	07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.36	1.92
			For 0.040" Thick, Deduct	-0.22	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.70	
			For Manufacturer's Custom Colors, Add	0.08	
	07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.18	1.83
			For 0.040" Thick, Deduct	-0.22	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.70	
			For Manufacturer's Custom Colors, Add	0.08	
	07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.00	1.73
			For 0.040" Thick, Deduct	-0.22	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.70	
			For Manufacturer's Custom Colors, Add	0.08	
	07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.77	1.61
			For 0.040" Thick, Deduct	-0.22	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.70	
			For Manufacturer's Custom Colors, Add	0.08	
<b>07 46 33 00-0009</b>	<b>Vertical Vinyl Siding Panels (07 46 33 00-0002)</b>				
	07 46 33 00-0010	SF	7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	6.78	2.04
			For Manufacturer's Custom Colors, Add	0.14	
<b>07 46 33 00-0011</b>	<b>Vinyl Siding Accessories (07 46 33 00-0001)</b>				
	07 46 33 00-0012	LF	3/4" Pocket, Outside Corner Post For Vinyl Siding .....	7.00	1.55
			For Manufacturer's Custom Colors, Add	0.19	
	07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding .....	12.95	1.55
			For Manufacturer's Custom Colors, Add	0.49	
	07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding .....	5.51	1.55
			For Manufacturer's Custom Colors, Add	0.12	
	07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	6.76	1.55
			For Manufacturer's Custom Colors, Add	0.18	
	07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding .....	4.06	1.55
			For Manufacturer's Custom Colors, Add	0.06	
	07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding .....	3.77	1.55
			For Manufacturer's Custom Colors, Add	0.05	
	07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding .....	3.72	1.55
			For Manufacturer's Custom Colors, Add	0.04	
	07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding .....	3.90	1.55
			For Manufacturer's Custom Colors, Add	0.05	
	07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding .....	4.64	1.55
			For Manufacturer's Custom Colors, Add	0.08	
	07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding .....	5.08	1.55
			For Manufacturer's Custom Colors, Add	0.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0022 LF 2-1/2" Pocket, J-Channel For Vinyl Siding.....	5.66	1.55
<i>For Manufacturer's Custom Colors, Add</i>	0.09	
07 46 33 00-0023 LF 1/2" Pocket, F-Channel For Vinyl Siding.....	3.87	1.55
<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0024 LF 3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	8.90	2.15
<i>For Manufacturer's Custom Colors, Add</i>	0.23	
07 46 33 00-0025 LF 3/4" Pocket, 5" Lineal Trim For Vinyl Siding.....	9.31	2.15
<i>For Manufacturer's Custom Colors, Add</i>	0.25	
07 46 33 00-0026 LF 1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	10.24	2.15
<i>For Manufacturer's Custom Colors, Add</i>	0.30	
07 46 33 00-0027 LF 3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	5.27	1.55
<i>For Manufacturer's Custom Colors, Add</i>	0.11	
07 46 33 00-0028 LF Vinyl Starter Strip For Vinyl Siding.....	6.58	1.55
<i>For Manufacturer's Custom Colors, Add</i>	0.17	
07 46 33 00-0029 LF Undersill Trim For Vinyl Siding.....	5.63	1.55
<i>For Manufacturer's Custom Colors, Add</i>	0.13	
<b>07 46 33 00-0030 Vinyl Soffit And Fascia</b> (07 46 33 00-0001)		
Note: Excludes J-channel.		
07 46 33 00-0031 LF 6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	4.74	1.66
<i>For 0.038" Thick, Deduct</i>	-0.64	
<i>For 0.040" Thick, Deduct</i>	-0.54	
<i>For Manufacturer's Custom Colors, Add</i>	0.07	
07 46 33 00-0032 LF 10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	5.85	1.74
<i>For 0.038" Thick, Deduct</i>	-1.07	
<i>For 0.040" Thick, Deduct</i>	-0.90	
<i>For Manufacturer's Custom Colors, Add</i>	0.12	
07 46 33 00-0033 LF 1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	6.40	1.80
<i>For 0.038" Thick, Deduct</i>	-1.27	
<i>For 0.040" Thick, Deduct</i>	-1.08	
<i>For Manufacturer's Custom Colors, Add</i>	0.14	
07 46 33 00-0034 LF 1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	7.98	1.89
<i>For 0.038" Thick, Deduct</i>	-1.93	
<i>For 0.040" Thick, Deduct</i>	-1.62	
<i>For Manufacturer's Custom Colors, Add</i>	0.21	
07 46 33 00-0035 LF 2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	9.76	2.07
<i>For 0.038" Thick, Deduct</i>	-2.56	
<i>For 0.040" Thick, Deduct</i>	-2.16	
<i>For Manufacturer's Custom Colors, Add</i>	0.28	
07 46 33 00-0036 LF 3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	12.99	2.28
<i>For 0.038" Thick, Deduct</i>	-3.85	
<i>For 0.040" Thick, Deduct</i>	-3.24	
<i>For Manufacturer's Custom Colors, Add</i>	0.42	
07 46 33 00-0037 LF 4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	16.23	2.52
<i>For 0.038" Thick, Deduct</i>	-5.14	
<i>For 0.040" Thick, Deduct</i>	-4.32	
<i>For Manufacturer's Custom Colors, Add</i>	0.56	
07 46 33 00-0038 LF 5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	19.55	2.77
<i>For 0.038" Thick, Deduct</i>	-6.43	
<i>For 0.040" Thick, Deduct</i>	-5.39	
<i>For Manufacturer's Custom Colors, Add</i>	0.70	
07 46 33 00-0039 LF 4" Exposure, Vinyl Fascia.....	4.95	1.62
<i>For Manufacturer's Custom Colors, Add</i>	0.08	
07 46 33 00-0040 LF 6" Exposure, Vinyl Fascia.....	5.52	1.66
<i>For Manufacturer's Custom Colors, Add</i>	0.11	
07 46 33 00-0041 LF 8" Exposure, Vinyl Fascia.....	5.45	1.71
<i>For Manufacturer's Custom Colors, Add</i>	0.10	
07 46 33 00-0042 LF 10" Exposure, Vinyl Fascia.....	6.25	1.74
<i>For Manufacturer's Custom Colors, Add</i>	0.14	
<b>07 46 33 00-0043 Fiberglass Siding</b> (07 46 33)		
<b>07 46 33 00-0044 Corrugated Panels</b> (07 46 33 00-0043)		
07 46 33 00-0045 SF 6 Ounce Corrugated Fiberglass Panels.....	7.41	2.39
07 46 33 00-0046 SF 8 Ounce Corrugated Fiberglass Panels.....	7.89	2.15
07 46 33 00-0047 SF 12 Ounce Corrugated Fiberglass Panels.....	8.78	2.15
<b>07 46 33 00-0048 Flat Panels</b> (07 46 33 00-0043)		
07 46 33 00-0049 SF 6 Ounce Flat Fiberglass Panels.....	7.09	2.15
07 46 33 00-0050 SF 8 Ounce Flat Fiberglass Panels.....	7.89	2.15
<b>07 46 46 Fiber-Cement Siding</b> (07 46)		
Note: Smooth or patterns. Includes sealer and primer.		
<b>07 46 46 00-0001 5/16" Thick, Fiber Cement Lap Siding</b> (07 46 46)		
07 46 46 00-0002 SF 5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.57	2.52
07 46 46 00-0003 SF 6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.25	2.39
07 46 46 00-0004 SF 7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.11	2.33
07 46 46 00-0005 SF 8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.96	2.27
07 46 46 00-0006 SF 9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.69	2.15

**07 Thermal And Moisture Protection****07 40 Roofing and Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.42	2.04
	07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding.....	1.43	0.60
<b>07 46 46 00-0009</b>			<b>Fiber Cement Shingle Siding (07 46 46)</b>		
	07 46 46 00-0010	SF	Fiber Cement Shingle Siding.....	9.14	2.21
<b>07 46 46 00-0011</b>			<b>Fiber Cement Vertical Panel Siding (07 46 46)</b>		
	07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding.....	4.80	1.80
<b>07 46 46 00-0013</b>			<b>Fiber Cement Trim Boards (07 46 46)</b>		
<b>07 46 46 00-0014</b>			<b>7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)</b>		
	07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.14	1.20
	07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.89	1.32
	07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.59	1.44
	07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	5.91	1.67
<b>07 46 46 00-0019</b>			<b>3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)</b>		
	07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.26	1.20
	07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.08	1.32
	07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.90	1.44
	07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	5.22	1.67
<b>07 46 46 00-0024</b>			<b>1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)</b>		
	07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board.....	3.42	1.20
	07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board.....	4.36	1.32
	07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board.....	5.30	1.44
	07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board.....	6.94	1.67
<b>07 46 46 00-0029</b>			<b>Fiber Cement Fascia Board (07 46 46)</b>		
	07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board.....	6.10	2.37
	07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board.....	7.42	2.64
	07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board.....	8.09	2.64
	07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board.....	10.49	3.11
<b>07 46 46 00-0034</b>			<b>Fiber Cement Soffit Boards (07 46 46)</b>		
	07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit.....	7.53	1.71
	07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit.....	8.05	1.71
<b>07 46 63</b>			<b>Fabricated Panel Assemblies with Siding (07 46)</b>		
<b>07 46 63 00-0001</b>			<b>Metal Liner Panels (07 46 63)</b>		
<b>07 46 63 00-0002</b>			<b>Galvanized Metal Liner Panels (07 46 63 00-0001)</b>		
	07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	10.15	1.75
	07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	11.22	1.75
	07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	13.11	1.75
	07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	13.30	1.75

**07 50 Membrane Roofing (07)**

See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.

**07 51 Built-Up Bituminous Roofing (07 50)****07 51 13 Built-Up Asphalt Roofing (07 51)**

**07 51 13 00-0001** Built-Up Asphalt Roofing Components (07 51 13)

**07 51 13 00-0002** Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.

**07 51 13 00-0003** Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)

Note: Includes applying cold adhesive and embedding the membrane.

**07 51 13 00-0004** Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0005 SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied .....	119.43	
For Up To 10, Add	30.82	
For >10 To 20, Add	17.14	
For >20 To 40, Add	9.44	
For >75 To 100, Deduct	-4.72	
For >100 To 200, Deduct	-10.30	
For >200, Deduct	-15.02	
07 51 13 00-0006 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied .....	340.40	
For Up To 10, Add	75.01	
For >10 To 20, Add	39.24	
For >20 To 40, Add	20.49	
For >75 To 100, Deduct	-10.24	
For >100 To 200, Deduct	-21.35	
For >200, Deduct	-31.59	
<b>07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing (07 51 13 00-0003)</b>		
07 51 13 00-0008 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied.....	7.93	
<b>07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)</b>		
Note: Includes mopping hot asphalt and embedding the membrane.		
<b>07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0009)</b>		
07 51 13 00-0011 SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped .....	86.38	
For Up To 10, Add	24.33	
For >10 To 20, Add	13.93	
For >20 To 40, Add	7.84	
For >75 To 100, Deduct	-3.92	
For >100 To 200, Deduct	-8.73	
For >200, Deduct	-12.65	
07 51 13 00-0012 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped .....	92.68	
For Up To 10, Add	25.59	
For >10 To 20, Add	14.56	
For >20 To 40, Add	8.16	
For >75 To 100, Deduct	-4.08	
For >100 To 200, Deduct	-9.04	
For >200, Deduct	-13.12	
07 51 13 00-0013 SQ Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	99.84	
For Up To 10, Add	27.02	
For >10 To 20, Add	15.27	
For >20 To 40, Add	8.52	
For >75 To 100, Deduct	-4.26	
For >100 To 200, Deduct	-9.40	
For >200, Deduct	-13.66	
07 51 13 00-0014 SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped .....	179.24	
For Up To 10, Add	42.90	
For >10 To 20, Add	23.21	
For >20 To 40, Add	12.49	
For >75 To 100, Deduct	-6.24	
For >100 To 200, Deduct	-13.37	
For >200, Deduct	-19.61	
07 51 13 00-0015 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped .....	307.35	
For Up To 10, Add	68.52	
For >10 To 20, Add	36.02	
For >20 To 40, Add	18.89	
For >75 To 100, Deduct	-9.45	
For >100 To 200, Deduct	-19.77	
For >200, Deduct	-29.22	
07 51 13 00-0016 SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped .....	231.03	
For Up To 10, Add	53.93	
For >10 To 20, Add	28.89	
For >20 To 40, Add	15.41	
For >75 To 100, Deduct	-7.71	
For >100 To 200, Deduct	-16.38	
For >200, Deduct	-24.08	
<b>07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009)</b>		
07 51 13 00-0018 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped .....	4.93	
<b>07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)</b>		
Note: Includes fasteners.		
<b>07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0019)</b>		
07 51 13 00-0021 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	94.08	
For Up To 10, Add	22.28	
For >10 To 20, Add	12.00	
For >20 To 40, Add	6.44	
For >75 To 100, Deduct	-3.22	
For >100 To 200, Deduct	-6.87	
For >200, Deduct	-10.09	



**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0022 SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	180.64	
For Up To 10, Add	39.59	
For >10 To 20, Add	20.66	
For >20 To 40, Add	10.76	
For >75 To 100, Deduct	-5.38	
For >100 To 200, Deduct	-11.20	
For >200, Deduct	-16.58	
07 51 13 00-0023 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	308.75	
For Up To 10, Add	65.21	
For >10 To 20, Add	33.47	
For >20 To 40, Add	17.17	
For >75 To 100, Deduct	-8.58	
For >100 To 200, Deduct	-17.60	
For >200, Deduct	-26.19	
<b>07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing (07 51 13 00-0019)</b>		
07 51 13 00-0025 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened .....	6.04	
<b>07 51 13 00-0026 Asphalt Saturated Organic Felt (07 51 13 00-0001)</b>		
<b>07 51 13 00-0027 Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)</b>		
Note: Includes applying cold adhesive and embedding the felt.		
07 51 13 00-0028 SQ 15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied.....	115.49	
For Up To 10, Add	30.03	
For >10 To 20, Add	16.75	
For >20 To 40, Add	9.24	
For >75 To 100, Deduct	-4.62	
For >100 To 200, Deduct	-10.11	
For >200, Deduct	-14.73	
07 51 13 00-0029 SQ 30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied.....	131.74	
For Up To 10, Add	33.28	
For >10 To 20, Add	18.37	
For >20 To 40, Add	10.05	
For >75 To 100, Deduct	-5.03	
For >100 To 200, Deduct	-10.92	
For >200, Deduct	-15.94	
<b>07 51 13 00-0030 Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)</b>		
Note: Includes mopping hot asphalt and embedding the felt.		
07 51 13 00-0031 SQ 15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped.....	82.44	
For Up To 10, Add	23.54	
For >10 To 20, Add	13.53	
For >20 To 40, Add	7.65	
For >75 To 100, Deduct	-3.82	
For >100 To 200, Deduct	-8.53	
For >200, Deduct	-12.35	
07 51 13 00-0032 SQ 30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped.....	98.69	
For Up To 10, Add	26.79	
For >10 To 20, Add	15.16	
For >20 To 40, Add	8.46	
For >75 To 100, Deduct	-4.23	
For >100 To 200, Deduct	-9.34	
For >200, Deduct	-13.57	
<b>07 51 13 00-0033 Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)</b>		
Note: Includes fasteners.		
07 51 13 00-0034 SQ 15 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened .....	41.50	
For Up To 10, Add	11.76	
For >10 To 20, Add	6.75	
For >20 To 40, Add	3.81	
For >75 To 100, Deduct	-1.90	
For >100 To 200, Deduct	-4.24	
For >200, Deduct	-6.14	
07 51 13 00-0035 SQ 30 Lb., Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened .....	57.74	
For Up To 10, Add	15.01	
For >10 To 20, Add	8.37	
For >20 To 40, Add	4.62	
For >75 To 100, Deduct	-2.31	
For >100 To 200, Deduct	-5.05	
For >200, Deduct	-7.36	
<b>07 51 13 00-0036 Surfacing (07 51 13 00-0001)</b>		
07 51 13 00-0037 SQ 400 Lb./SQ, Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat.....	180.56	
For Up To 10, Add	53.44	
For >10 To 20, Add	31.05	
For >20 To 40, Add	17.69	
For >75 To 100, Deduct	-8.85	
For >100 To 200, Deduct	-19.86	
For >200, Deduct	-28.71	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
07 51 13 00-0038 SQ 400 Lb./SQ, Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat .....	276.17	
<i>For Up To 10, Add</i>	72.56	
<i>For &gt;10 To 20, Add</i>	40.61	
<i>For &gt;20 To 40, Add</i>	22.47	
<i>For &gt;75 To 100, Deduct</i>	-11.24	
<i>For &gt;100 To 200, Deduct</i>	-24.64	
<i>For &gt;200, Deduct</i>	-35.88	
07 51 13 00-0039 CY Gravel Roofing Ballast, Spread To Desired Thickness .....	183.15	
Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040 SQ Protective Polypropylene Fabric Mat, Loose Laid .....	52.84	
Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.		
<i>For Up To 10, Add</i>	12.85	
<i>For &gt;10 To 20, Add</i>	7.00	
<i>For &gt;20 To 40, Add</i>	3.79	
<i>For &gt;75 To 100, Deduct</i>	-1.89	
<i>For &gt;100 To 200, Deduct</i>	-4.07	
<i>For &gt;200, Deduct</i>	-5.96	
07 51 13 00-0041 SQ Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat .....	138.36	
Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
<i>For Up To 10, Add</i>	31.83	
<i>For &gt;10 To 20, Add</i>	16.96	
<i>For &gt;20 To 40, Add</i>	9.00	
<i>For &gt;75 To 100, Deduct</i>	-4.50	
<i>For &gt;100 To 200, Deduct</i>	-9.52	
<i>For &gt;200, Deduct</i>	-14.02	
07 51 13 00-0042 SQ Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat .....	122.55	
Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
<i>For Up To 10, Add</i>	28.67	
<i>For &gt;10 To 20, Add</i>	15.38	
<i>For &gt;20 To 40, Add</i>	8.21	
<i>For &gt;75 To 100, Deduct</i>	-4.10	
<i>For &gt;100 To 200, Deduct</i>	-8.73	
<i>For &gt;200, Deduct</i>	-12.83	
07 51 13 00-0043 SQ Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat .....	165.70	
Note: Reflective coating for use over smooth-surfaced built-up roofs.		
<i>For Up To 10, Add</i>	37.30	
<i>For &gt;10 To 20, Add</i>	19.69	
<i>For &gt;20 To 40, Add</i>	10.37	
<i>For &gt;75 To 100, Deduct</i>	-5.18	
<i>For &gt;100 To 200, Deduct</i>	-10.89	
<i>For &gt;200, Deduct</i>	-16.07	
07 51 13 00-0044 SQ 100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat .....	167.11	
Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
<i>For Up To 10, Add</i>	37.58	
<i>For &gt;10 To 20, Add</i>	19.83	
<i>For &gt;20 To 40, Add</i>	10.44	
<i>For &gt;75 To 100, Deduct</i>	-5.22	
<i>For &gt;100 To 200, Deduct</i>	-10.96	
<i>For &gt;200, Deduct</i>	-16.17	
<i>For Installation Over Granule Surfaced Asphalt Roof Systems, Add</i>	50.36	
07 51 13 00-0045 SQ 100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat .....	172.92	
Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
<i>For Up To 10, Add</i>	38.74	
<i>For &gt;10 To 20, Add</i>	20.41	
<i>For &gt;20 To 40, Add</i>	10.73	
<i>For &gt;75 To 100, Deduct</i>	-5.36	
<i>For &gt;100 To 200, Deduct</i>	-11.25	
<i>For &gt;200, Deduct</i>	-16.61	
<i>For Installation Over Granule Surfaced Asphalt Roof Systems, Add</i>	52.28	
07 51 13 00-0046 SF Ceramic Coated Roofing Granules, Hand Broadcast .....	2.63	
Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047 SF Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast .....	4.54	
Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048 SQ Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™) .....	39.65	
<b>07 51 13 00-0049 Walkway Pads</b> <small>(07 51 13 00-0001)</small>		
Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050 LF 5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad .....	34.75	
07 51 13 00-0051 LF 1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad .....	41.56	
<b>07 51 13 00-0052 Cant And Tapered Edge Strips</b> <small>(07 51 13 00-0001)</small>		
07 51 13 00-0053 LF 2" x 2" Perlite Cant Strip .....	4.27	
07 51 13 00-0054 LF 3" x 3" Perlite Cant Strip .....	4.43	
07 51 13 00-0055 LF 4" x 4" Perlite Cant Strip .....	5.17	
07 51 13 00-0056 LF 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally .....	3.94	
07 51 13 00-0057 LF 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally .....	4.05	
07 51 13 00-0058 LF 1/2" x 6" Perlite Tapered Edge Strip .....	4.76	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip .....	5.61	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip .....	5.84	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip .....	6.73	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip .....	6.65	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip .....	8.26	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip .....	9.42	
<b>07 51 13 00-0065</b>		<b>Asphalt Primer</b> <small>(07 51 13 00-0001)</small>		
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems .....	36.65	
		Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		
<b>07 51 13 00-0067</b>		<b>Demolish Built-Up Roofing</b> <small>(07 51 13 00-0001)</small>		
		Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.). See CSI section 01 74 19 00-0000 for chutes, dumpsters and hauling.		
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System .....	363.92	
		For Up To 10, Add	90.24	
		For >10 To 25, Add	54.14	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System .....	280.74	
		Note: Includes protective surfacing.		
		For Up To 10, Add	69.61	
		For >10 To 25, Add	41.77	
<b>07 51 13 00-0070</b>		<b>Roofing System Warranty</b> <small>(07 51 13 00-0001)</small>		
		Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.		
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	647.85	
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	9.26	
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	740.40	
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	14.81	
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	1,018.05	
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty .....	20.36	
<b>07 51 13 00-0077</b>		<b>Built-Up Roofing Components (Garland)</b> <small>(07 51 13)</small>		
		Note: All tasks presented as a single layer. Adhesives are priced separately.		
<b>07 51 13 00-0078</b>		<b>Modified Cap Membranes</b> <small>(07 51 13 00-0077)</small>		
		See CSI section 07 51 13 00-0102 for base membrane.		
<b>07 51 13 00-0079</b>		<b>Modified Cap Membranes, Hot/Cold Applied</b> <small>(07 51 13 00-0078)</small>		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil .....	738.54	
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil .....	527.91	
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil .....	653.99	
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials .....	679.65	
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil .....	946.90	
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil .....	1,064.67	
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil .....	446.80	
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.		
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil .....	563.40	
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil .....	343.93	
<b>07 51 13 00-0089</b>		<b>Modified Cap Membranes, Self-Adhering</b> <small>(07 51 13 00-0078)</small>		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil .....	668.33	
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.		
<b>07 51 13 00-0091</b>		<b>Modified Cap Membranes, Torch-Applied</b> <small>(07 51 13 00-0078)</small>		
		Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil .....	823.10	
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.		
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil .....	895.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0094 SQ Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil .....	943.88	
07 51 13 00-0095 SQ StressPly® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil .....	862.35	
07 51 13 00-0096 SQ StressPly® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil .....	913.69	
07 51 13 00-0097 SQ StressPly® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil .....	958.99	
<b>07 51 13 00-0098 Modified Cap Membranes, Coal Tar Pitch Systems</b> <small>(07 51 13 00-0078)</small>		
<i>Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.</i>		
07 51 13 00-0099 SQ Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil .....	759.62	
07 51 13 00-0100 SQ Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil .....	1,200.55	
07 51 13 00-0101 SQ Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil .....	977.11	
<b>07 51 13 00-0102 Base Ply</b> <small>(07 51 13 00-0077)</small>		
<i>Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0078 for cap membrane.</i>		
07 51 13 00-0103 SQ Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil .....	675.12	
07 51 13 00-0104 SQ Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil .....	423.73	
07 51 13 00-0105 SQ HPR® Glasbase Heavy-Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil .....	96.52	
<i>Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.</i>		
07 51 13 00-0106 SQ HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil .....	63.61	
<i>Note: Inner ply felts for hot applied built up and modified BUR systems.</i>		
07 51 13 00-0107 SQ HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil .....	77.64	
07 51 13 00-0108 SQ HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil .....	84.43	
07 51 13 00-0109 SQ HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil .....	132.28	
<i>Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.</i>		
07 51 13 00-0110 SQ Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil .....	430.48	
07 51 13 00-0111 SQ HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil .....	370.15	
<i>Note: Self adhering base ply for self adhering 2 ply system.</i>		
07 51 13 00-0112 SQ StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil .....	376.59	
07 51 13 00-0113 SQ StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil .....	312.43	
07 51 13 00-0114 LF Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric .....	5.13	
07 51 13 00-0115 LF Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems .....	14.70	
07 51 13 00-0116 SQ Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems .....	74.24	
07 51 13 00-0117 LF Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems .....	6.71	
07 51 13 00-0118 LF Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems .....	4.83	
07 51 13 00-0119 LF Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems .....	5.71	
07 51 13 00-0120 SQ HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications .....	163.26	
<b>07 51 13 00-0121 Coatings And Mastics For Roof Installation, Restoration And Repairs</b> <small>(07 51 13 00-0077)</small>		
07 51 13 00-0122 SQ Water Based Roof Primer, GarlaPrime VOC Primer .....	45.94	
07 51 13 00-0123 SQ Black-Knight® Primer .....	42.39	
07 51 13 00-0124 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply .....	179.18	
07 51 13 00-0125 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ) .....	188.74	
07 51 13 00-0126 SQ Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ) .....	300.71	
07 51 13 00-0127 SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply .....	487.84	
07 51 13 00-0128 SQ Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat .....	500.59	
07 51 13 00-0129 SQ Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) .....	233.22	
07 51 13 00-0130 SQ Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration .....	385.87	
07 51 13 00-0131 SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ) .....	599.09	
07 51 13 00-0132 SQ Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration .....	995.85	
07 51 13 00-0133 SQ Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply .....	416.06	
07 51 13 00-0134 SQ Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat .....	428.81	
07 51 13 00-0135 SQ Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only .....	915.83	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51	13 00-0136	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only .....	394.95	
07 51	13 00-0137	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply .....	191.65	
07 51	13 00-0138	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat.....	204.40	
07 51	13 00-0139	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel.....	177.02	
07 51	13 00-0140	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers .....	165.02	
07 51	13 00-0141	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products .....	19.82	
			Note: Adheres all insulation layers for cold systems.		
07 51	13 00-0142	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required .....	203.51	
07 51	13 00-0143	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System .....	197.24	
07 51	13 00-0144	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh.....	24.12	
07 51	13 00-0145	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	263.93	
07 51	13 00-0146	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	1,497.51	
07 51	13 00-0147	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ) .....	334.44	
07 51	13 00-0148	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel .....	409.02	
07 51	13 00-0149	SQ	Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply.....	151.10	
07 51	13 00-0150	SQ	Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System.....	484.18	
07 51	13 00-0151	SQ	Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....	149.95	
			Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		

**07 52 Modified Bituminous Membrane Roofing** <sup>(07 50)</sup>**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing** <sup>(07 52)</sup>

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

**07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing** <sup>(07 52 13)</sup>**07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing** <sup>(07 52 13 11)</sup>

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

**07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets** <sup>(07 52 13 11-0001)</sup>

07 52 13 11-0003	SQ	80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied .....	225.35
		For Up To 10, Add	52.00
		For >10 To 20, Add	27.73
		For >20 To 40, Add	14.73
		For >75 To 100, Deduct	-7.37
		For >100 To 200, Deduct	-15.60
		For >200, Deduct	-22.97
07 52 13 11-0004	SQ	90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied .....	275.80
		For Up To 10, Add	62.09
		For >10 To 20, Add	32.78
		For >20 To 40, Add	17.26
		For >75 To 100, Deduct	-8.63
		For >100 To 200, Deduct	-18.12
		For >200, Deduct	-26.75
07 52 13 11-0005	SQ	160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied .....	436.90
		For Up To 10, Add	94.31
		For >10 To 20, Add	48.89
		For >20 To 40, Add	25.31
		For >75 To 100, Deduct	-12.66
		For >100 To 200, Deduct	-26.18
		For >200, Deduct	-38.83
07 52 13 11-0006	SQ	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	440.20
		For Up To 10, Add	95.63
		For >10 To 20, Add	49.71
		For >20 To 40, Add	25.81
		For >75 To 100, Deduct	-12.90
		For >100 To 200, Deduct	-26.75
		For >200, Deduct	-39.66
07 52 13 11-0007	SQ	160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	312.96
		For Up To 10, Add	70.18
		For >10 To 20, Add	36.99
		For >20 To 40, Add	19.44
		For >75 To 100, Deduct	-9.72
		For >100 To 200, Deduct	-20.39
		For >200, Deduct	-30.11
		For Factory Applied White Reflective Surfacing, Add	107.32



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 11-0008 SQ 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive		
Applied .....	363.99	
For Up To 10, Add	80.39	
For >10 To 20, Add	42.09	
For >20 To 40, Add	21.99	
For >75 To 100, Deduct	-11.00	
For >100 To 200, Deduct	-22.94	
For >200, Deduct	-33.94	
For Factory Applied White Reflective Surfacing, Add	107.32	
07 52 13 11-0009 SQ 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive		
Applied .....	503.03	
For Up To 10, Add	108.20	
For >10 To 20, Add	56.00	
For >20 To 40, Add	28.95	
For >75 To 100, Deduct	-14.47	
For >100 To 200, Deduct	-29.90	
For >200, Deduct	-44.37	
For Factory Applied White Reflective Surfacing, Add	107.32	
<b>07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)</b>		
07 52 13 11-0011 SF 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied .....	6.09	
07 52 13 11-0012 SF 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied .....	9.53	
For Factory Applied White Reflective Surfacing, Add	1.07	
<b>07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)</b>		
07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 13)		
Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)		
07 52 13 13-0003 SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied.....	160.72	
For Up To 10, Add	39.07	
For >10 To 20, Add	21.27	
For >20 To 40, Add	11.50	
For >75 To 100, Deduct	-5.75	
For >100 To 200, Deduct	-12.36	
For >200, Deduct	-18.11	
07 52 13 13-0004 SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied.....	211.18	
For Up To 10, Add	49.16	
For >10 To 20, Add	26.31	
For >20 To 40, Add	14.02	
For >75 To 100, Deduct	-7.01	
For >100 To 200, Deduct	-14.89	
For >200, Deduct	-21.90	
07 52 13 13-0005 SQ 150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....	252.23	
For Up To 10, Add	60.84	
For >10 To 20, Add	33.02	
For >20 To 40, Add	17.81	
For >75 To 100, Deduct	-8.91	
For >100 To 200, Deduct	-19.11	
For >200, Deduct	-28.02	
07 52 13 13-0006 SQ 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....	265.15	
For Up To 10, Add	63.43	
For >10 To 20, Add	34.31	
For >20 To 40, Add	18.46	
For >75 To 100, Deduct	-9.23	
For >100 To 200, Deduct	-19.76	
For >200, Deduct	-28.98	
07 52 13 13-0007 SQ 180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied .....	369.95	
For Up To 10, Add	84.39	
For >10 To 20, Add	44.79	
For >20 To 40, Add	23.70	
For >75 To 100, Deduct	-11.85	
For >100 To 200, Deduct	-25.00	
For >200, Deduct	-36.84	
07 52 13 13-0008 SQ 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	252.23	
For Up To 10, Add	60.84	
For >10 To 20, Add	33.02	
For >20 To 40, Add	17.81	
For >75 To 100, Deduct	-8.91	
For >100 To 200, Deduct	-19.11	
For >200, Deduct	-28.02	



**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	268.38	
			<i>For Up To 10, Add</i>	64.07	
			<i>For &gt;10 To 20, Add</i>	34.64	
			<i>For &gt;20 To 40, Add</i>	18.62	
			<i>For &gt;75 To 100, Deduct</i>	-9.31	
			<i>For &gt;100 To 200, Deduct</i>	-19.92	
			<i>For &gt;200, Deduct</i>	-29.23	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	369.95	
			<i>For Up To 10, Add</i>	84.39	
			<i>For &gt;10 To 20, Add</i>	44.79	
			<i>For &gt;20 To 40, Add</i>	23.70	
			<i>For &gt;75 To 100, Deduct</i>	-11.85	
			<i>For &gt;100 To 200, Deduct</i>	-25.00	
			<i>For &gt;200, Deduct</i>	-36.84	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	262.41	
			<i>For Up To 10, Add</i>	62.88	
			<i>For &gt;10 To 20, Add</i>	34.04	
			<i>For &gt;20 To 40, Add</i>	18.32	
			<i>For &gt;75 To 100, Deduct</i>	-9.16	
			<i>For &gt;100 To 200, Deduct</i>	-19.62	
			<i>For &gt;200, Deduct</i>	-28.78	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	278.07	
			<i>For Up To 10, Add</i>	66.01	
			<i>For &gt;10 To 20, Add</i>	35.61	
			<i>For &gt;20 To 40, Add</i>	19.10	
			<i>For &gt;75 To 100, Deduct</i>	-9.55	
			<i>For &gt;100 To 200, Deduct</i>	-20.40	
			<i>For &gt;200, Deduct</i>	-29.95	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	316.50	
			<i>For Up To 10, Add</i>	73.70	
			<i>For &gt;10 To 20, Add</i>	39.45	
			<i>For &gt;20 To 40, Add</i>	21.02	
			<i>For &gt;75 To 100, Deduct</i>	-10.51	
			<i>For &gt;100 To 200, Deduct</i>	-22.32	
			<i>For &gt;200, Deduct</i>	-32.84	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	321.19	
			<i>For Up To 10, Add</i>	74.64	
			<i>For &gt;10 To 20, Add</i>	39.92	
			<i>For &gt;20 To 40, Add</i>	21.26	
			<i>For &gt;75 To 100, Deduct</i>	-10.63	
			<i>For &gt;100 To 200, Deduct</i>	-22.56	
			<i>For &gt;200, Deduct</i>	-33.19	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	452.47	
			<i>For Up To 10, Add</i>	100.89	
			<i>For &gt;10 To 20, Add</i>	53.05	
			<i>For &gt;20 To 40, Add</i>	27.82	
			<i>For &gt;75 To 100, Deduct</i>	-13.91	
			<i>For &gt;100 To 200, Deduct</i>	-29.12	
			<i>For &gt;200, Deduct</i>	-43.03	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 13 13-0016			<b>Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing</b>		
			<b>Flashing</b> <small>(07 52 13 13-0001)</small>		
07 52 13 13-0017	SF		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	3.56	
07 52 13 13-0018	SF		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	3.72	
07 52 13 13-0019	SF		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	4.74	
07 52 13 13-0020	SF		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	3.82	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 13 13-0021	SF		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	4.25	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 13 13-0022	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	5.56	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 13 14			<b>Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing</b> <small>(07 52 13)</small>		
07 52 13 14-0001			<b>Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing</b> <small>(07 52 13 14)</small>		
			Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 13 14-0002			<b>Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets</b> <small>(07 52 13 14-0001)</small>		
07 52 13 14-0003	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	244.16	
			<i>For Up To 10, Add</i>	52.29	
			<i>For &gt;10 To 20, Add</i>	27.01	
			<i>For &gt;20 To 40, Add</i>	13.94	
			<i>For &gt;75 To 100, Deduct</i>	-6.97	
			<i>For &gt;100 To 200, Deduct</i>	-14.37	
			<i>For &gt;200, Deduct</i>	-21.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> <sup>(07 52)</sup>		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.		
<b>07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> <sup>(07 52 16)</sup>		
<b>07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing</b> <sup>(07 52 16 11)</sup>		
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
<b>07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets</b> <sup>(07 52 16 11-0001)</sup>		
07 52 16 11-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied .....	175.95	
For Up To 10, Add	42.12	
For >10 To 20, Add	22.79	
For >20 To 40, Add	12.26	
For >75 To 100, Deduct	-6.13	
For >100 To 200, Deduct	-13.13	
For >200, Deduct	-19.26	
07 52 16 11-0004 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied .....	231.97	
For Up To 10, Add	53.32	
For >10 To 20, Add	28.39	
For >20 To 40, Add	15.06	
For >75 To 100, Deduct	-7.53	
For >100 To 200, Deduct	-15.93	
For >200, Deduct	-23.46	
07 52 16 11-0005 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied .....	239.20	
For Up To 10, Add	54.77	
For >10 To 20, Add	29.12	
For >20 To 40, Add	15.43	
For >75 To 100, Deduct	-7.71	
For >100 To 200, Deduct	-16.29	
For >200, Deduct	-24.00	
07 52 16 11-0006 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	328.55	
For Up To 10, Add	72.64	
For >10 To 20, Add	38.05	
For >20 To 40, Add	19.89	
For >75 To 100, Deduct	-9.95	
For >100 To 200, Deduct	-20.76	
For >200, Deduct	-30.71	
07 52 16 11-0007 SQ 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	418.99	
For Up To 10, Add	90.73	
For >10 To 20, Add	47.10	
For >20 To 40, Add	24.41	
For >75 To 100, Deduct	-12.21	
For >100 To 200, Deduct	-25.28	
For >200, Deduct	-37.49	
07 52 16 11-0008 SQ 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	347.32	
For Up To 10, Add	77.05	
For >10 To 20, Add	40.42	
For >20 To 40, Add	21.16	
For >75 To 100, Deduct	-10.58	
For >100 To 200, Deduct	-22.11	
For >200, Deduct	-32.69	
07 52 16 11-0009 SQ 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	357.05	
For Up To 10, Add	79.00	
For >10 To 20, Add	41.40	
For >20 To 40, Add	21.65	
For >75 To 100, Deduct	-10.82	
For >100 To 200, Deduct	-22.60	
For >200, Deduct	-33.42	
07 52 16 11-0010 SQ 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	311.51	
For Up To 10, Add	69.89	
For >10 To 20, Add	36.84	
For >20 To 40, Add	19.37	
For >75 To 100, Deduct	-9.69	
For >100 To 200, Deduct	-20.32	
For >200, Deduct	-30.00	
For Factory Applied White Reflective Surfacing, Add	107.32	
07 52 16 11-0011 SQ 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied .....	315.71	
For Up To 10, Add	70.73	
For >10 To 20, Add	37.26	
For >20 To 40, Add	19.58	
For >75 To 100, Deduct	-9.79	
For >100 To 200, Deduct	-20.53	
For >200, Deduct	-30.32	
For Factory Applied White Reflective Surfacing, Add	107.32	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 52 16 11-0012	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	354.46	
		<i>For Up To 10, Add</i>	78.48	
		<i>For &gt;10 To 20, Add</i>	41.14	
		<i>For &gt;20 To 40, Add</i>	21.52	
		<i>For &gt;75 To 100, Deduct</i>	-10.76	
		<i>For &gt;100 To 200, Deduct</i>	-22.47	
		<i>For &gt;200, Deduct</i>	-33.23	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0013	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	360.92	
		<i>For Up To 10, Add</i>	79.77	
		<i>For &gt;10 To 20, Add</i>	41.78	
		<i>For &gt;20 To 40, Add</i>	21.84	
		<i>For &gt;75 To 100, Deduct</i>	-10.92	
		<i>For &gt;100 To 200, Deduct</i>	-22.79	
		<i>For &gt;200, Deduct</i>	-33.71	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	417.44	
		<i>For Up To 10, Add</i>	91.08	
		<i>For &gt;10 To 20, Add</i>	47.44	
		<i>For &gt;20 To 40, Add</i>	24.67	
		<i>For &gt;75 To 100, Deduct</i>	-12.33	
		<i>For &gt;100 To 200, Deduct</i>	-25.62	
		<i>For &gt;200, Deduct</i>	-37.95	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	520.40	
		<i>For Up To 10, Add</i>	111.67	
		<i>For &gt;10 To 20, Add</i>	57.73	
		<i>For &gt;20 To 40, Add</i>	29.82	
		<i>For &gt;75 To 100, Deduct</i>	-14.91	
		<i>For &gt;100 To 200, Deduct</i>	-30.76	
		<i>For &gt;200, Deduct</i>	-45.67	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	318.51	
		<i>For Up To 10, Add</i>	71.29	
		<i>For &gt;10 To 20, Add</i>	37.54	
		<i>For &gt;20 To 40, Add</i>	19.72	
		<i>For &gt;75 To 100, Deduct</i>	-9.86	
		<i>For &gt;100 To 200, Deduct</i>	-20.67	
		<i>For &gt;200, Deduct</i>	-30.53	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	328.62	
		<i>For Up To 10, Add</i>	73.31	
		<i>For &gt;10 To 20, Add</i>	38.55	
		<i>For &gt;20 To 40, Add</i>	20.23	
		<i>For &gt;75 To 100, Deduct</i>	-10.11	
		<i>For &gt;100 To 200, Deduct</i>	-21.17	
		<i>For &gt;200, Deduct</i>	-31.29	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	383.53	
		<i>For Up To 10, Add</i>	84.30	
		<i>For &gt;10 To 20, Add</i>	44.05	
		<i>For &gt;20 To 40, Add</i>	22.97	
		<i>For &gt;75 To 100, Deduct</i>	-11.49	
		<i>For &gt;100 To 200, Deduct</i>	-23.92	
		<i>For &gt;200, Deduct</i>	-35.41	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	384.82	
		<i>For Up To 10, Add</i>	84.55	
		<i>For &gt;10 To 20, Add</i>	44.17	
		<i>For &gt;20 To 40, Add</i>	23.04	
		<i>For &gt;75 To 100, Deduct</i>	-11.52	
		<i>For &gt;100 To 200, Deduct</i>	-23.98	
		<i>For &gt;200, Deduct</i>	-35.50	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	409.37	
		<i>For Up To 10, Add</i>	89.46	
		<i>For &gt;10 To 20, Add</i>	46.63	
		<i>For &gt;20 To 40, Add</i>	24.26	
		<i>For &gt;75 To 100, Deduct</i>	-12.13	
		<i>For &gt;100 To 200, Deduct</i>	-25.21	
		<i>For &gt;200, Deduct</i>	-37.34	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 11-0021		Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 11-0001)</small>		
07 52 16 11-0022	SF	150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0023 SF 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.80	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0024 SF 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.84	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0025 SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.30	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0026 SF 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.86	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0027 SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.89	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0028 SF 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.87	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0029 SF 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.97	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0030 SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.54	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0031 SF 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.78	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 11-0032 SF 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	7.79	
07 52 16 11-0033 SF 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	15.05	
<b>07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b>		
<i>(07 52 16)</i>		
07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing		
<i>(07 52 16 12)</i>		
Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets		
<i>(07 52 16 12-0001)</i>		
07 52 16 12-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	142.90	
<i>For Up To 10, Add</i>	35.63	
<i>For &gt;10 To 20, Add</i>	19.58	
<i>For &gt;20 To 40, Add</i>	10.67	
<i>For &gt;75 To 100, Deduct</i>	-5.34	
<i>For &gt;100 To 200, Deduct</i>	-11.55	
<i>For &gt;200, Deduct</i>	-16.89	
07 52 16 12-0004 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	198.92	
<i>For Up To 10, Add</i>	46.83	
<i>For &gt;10 To 20, Add</i>	25.18	
<i>For &gt;20 To 40, Add</i>	13.47	
<i>For &gt;75 To 100, Deduct</i>	-6.74	
<i>For &gt;100 To 200, Deduct</i>	-14.35	
<i>For &gt;200, Deduct</i>	-21.09	
07 52 16 12-0005 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	206.15	
<i>For Up To 10, Add</i>	48.28	
<i>For &gt;10 To 20, Add</i>	25.90	
<i>For &gt;20 To 40, Add</i>	13.83	
<i>For &gt;75 To 100, Deduct</i>	-6.92	
<i>For &gt;100 To 200, Deduct</i>	-14.71	
<i>For &gt;200, Deduct</i>	-21.63	
07 52 16 12-0006 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped.....	295.51	
<i>For Up To 10, Add</i>	66.15	
<i>For &gt;10 To 20, Add</i>	34.84	
<i>For &gt;20 To 40, Add</i>	18.30	
<i>For &gt;75 To 100, Deduct</i>	-9.15	
<i>For &gt;100 To 200, Deduct</i>	-19.18	
<i>For &gt;200, Deduct</i>	-28.33	
07 52 16 12-0007 SQ 125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped.....	385.94	
<i>For Up To 10, Add</i>	84.24	
<i>For &gt;10 To 20, Add</i>	43.88	
<i>For &gt;20 To 40, Add</i>	22.82	
<i>For &gt;75 To 100, Deduct</i>	-11.41	
<i>For &gt;100 To 200, Deduct</i>	-23.70	
<i>For &gt;200, Deduct</i>	-35.11	
07 52 16 12-0008 SQ 140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	314.33	
<i>For Up To 10, Add</i>	70.59	
<i>For &gt;10 To 20, Add</i>	37.22	
<i>For &gt;20 To 40, Add</i>	19.58	
<i>For &gt;75 To 100, Deduct</i>	-9.79	
<i>For &gt;100 To 200, Deduct</i>	-20.54	
<i>For &gt;200, Deduct</i>	-30.33	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	324.05	
			<i>For Up To 10, Add</i>	72.53	
			<i>For &gt;10 To 20, Add</i>	38.20	
			<i>For &gt;20 To 40, Add</i>	20.06	
			<i>For &gt;75 To 100, Deduct</i>	-10.03	
			<i>For &gt;100 To 200, Deduct</i>	-21.03	
			<i>For &gt;200, Deduct</i>	-31.06	
07 52 16 12-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	278.51	
			<i>For Up To 10, Add</i>	63.42	
			<i>For &gt;10 To 20, Add</i>	33.64	
			<i>For &gt;20 To 40, Add</i>	17.79	
			<i>For &gt;75 To 100, Deduct</i>	-8.89	
			<i>For &gt;100 To 200, Deduct</i>	-18.75	
			<i>For &gt;200, Deduct</i>	-27.64	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	282.71	
			<i>For Up To 10, Add</i>	64.26	
			<i>For &gt;10 To 20, Add</i>	34.06	
			<i>For &gt;20 To 40, Add</i>	18.00	
			<i>For &gt;75 To 100, Deduct</i>	-9.00	
			<i>For &gt;100 To 200, Deduct</i>	-18.96	
			<i>For &gt;200, Deduct</i>	-27.96	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	321.46	
			<i>For Up To 10, Add</i>	72.01	
			<i>For &gt;10 To 20, Add</i>	37.94	
			<i>For &gt;20 To 40, Add</i>	19.93	
			<i>For &gt;75 To 100, Deduct</i>	-9.97	
			<i>For &gt;100 To 200, Deduct</i>	-20.90	
			<i>For &gt;200, Deduct</i>	-30.86	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	327.92	
			<i>For Up To 10, Add</i>	73.30	
			<i>For &gt;10 To 20, Add</i>	38.58	
			<i>For &gt;20 To 40, Add</i>	20.26	
			<i>For &gt;75 To 100, Deduct</i>	-10.13	
			<i>For &gt;100 To 200, Deduct</i>	-21.22	
			<i>For &gt;200, Deduct</i>	-31.35	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	384.44	
			<i>For Up To 10, Add</i>	84.61	
			<i>For &gt;10 To 20, Add</i>	44.23	
			<i>For &gt;20 To 40, Add</i>	23.08	
			<i>For &gt;75 To 100, Deduct</i>	-11.54	
			<i>For &gt;100 To 200, Deduct</i>	-24.05	
			<i>For &gt;200, Deduct</i>	-35.59	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	487.41	
			<i>For Up To 10, Add</i>	105.20	
			<i>For &gt;10 To 20, Add</i>	54.53	
			<i>For &gt;20 To 40, Add</i>	28.23	
			<i>For &gt;75 To 100, Deduct</i>	-14.12	
			<i>For &gt;100 To 200, Deduct</i>	-29.20	
			<i>For &gt;200, Deduct</i>	-43.31	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	285.52	
			<i>For Up To 10, Add</i>	64.82	
			<i>For &gt;10 To 20, Add</i>	34.34	
			<i>For &gt;20 To 40, Add</i>	18.14	
			<i>For &gt;75 To 100, Deduct</i>	-9.07	
			<i>For &gt;100 To 200, Deduct</i>	-19.10	
			<i>For &gt;200, Deduct</i>	-28.17	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	295.63	
			<i>For Up To 10, Add</i>	66.85	
			<i>For &gt;10 To 20, Add</i>	35.35	
			<i>For &gt;20 To 40, Add</i>	18.64	
			<i>For &gt;75 To 100, Deduct</i>	-9.32	
			<i>For &gt;100 To 200, Deduct</i>	-19.61	
			<i>For &gt;200, Deduct</i>	-28.93	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 12-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	350.53	
			<i>For Up To 10, Add</i>	77.83	
			<i>For &gt;10 To 20, Add</i>	40.84	
			<i>For &gt;20 To 40, Add</i>	21.39	
			<i>For &gt;75 To 100, Deduct</i>	-10.69	
			<i>For &gt;100 To 200, Deduct</i>	-22.35	
			<i>For &gt;200, Deduct</i>	-33.04	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0019 SQ 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped .....	351.82	
For Up To 10, Add	78.08	
For >10 To 20, Add	40.97	
For >20 To 40, Add	21.45	
For >75 To 100, Deduct	-10.73	
For >100 To 200, Deduct	-22.42	
For >200, Deduct	-33.14	
For Factory Applied White Reflective Surfacing, Add	107.32	
07 52 16 12-0020 SQ 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped .....	376.37	
For Up To 10, Add	82.99	
For >10 To 20, Add	43.43	
For >20 To 40, Add	22.68	
For >75 To 100, Deduct	-11.34	
For >100 To 200, Deduct	-23.64	
For >200, Deduct	-34.98	
For Factory Applied White Reflective Surfacing, Add	107.32	
<b>07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing</b> <small>(07 52 16 12-0001)</small>		
07 52 16 12-0022 SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.06	
07 52 16 12-0023 SF 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	4.60	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0024 SF 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	4.65	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0025 SF 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.03	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0026 SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.10	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0027 SF 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.66	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0028 SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	6.69	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0029 SF 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	4.67	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0030 SF 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	4.77	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0031 SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.23	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0032 SF 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	5.58	
For Factory Applied White Reflective Surfacing, Add	1.07	
07 52 16 12-0033 SF 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	7.59	
07 52 16 12-0034 SF 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped .....	14.85	
<b>07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing</b> <small>(07 52 16)</small>		
07 52 16 13-0001 Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 13)</small>		
Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.		
07 52 16 13-0002 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 13-0001)</small>		
07 52 16 13-0003 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied .....	297.45	
For Up To 10, Add	69.89	
For >10 To 20, Add	37.54	
For >20 To 40, Add	20.07	
For >75 To 100, Deduct	-10.04	
For >100 To 200, Deduct	-21.37	
For >200, Deduct	-31.41	
07 52 16 13-0004 SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied .....	266.12	
For Up To 10, Add	63.62	
For >10 To 20, Add	34.41	
For >20 To 40, Add	18.51	
For >75 To 100, Deduct	-9.25	
For >100 To 200, Deduct	-19.80	
For >200, Deduct	-29.06	
For Factory Applied White Reflective Surfacing, Add	107.32	
07 52 16 13-0005 SQ 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied .....	302.94	
For Up To 10, Add	70.99	
For >10 To 20, Add	38.09	
For >20 To 40, Add	20.35	
For >75 To 100, Deduct	-10.17	
For >100 To 200, Deduct	-21.65	
For >200, Deduct	-31.82	
For Factory Applied White Reflective Surfacing, Add	107.32	



**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	469.85	
			<i>For Up To 10, Add</i>	104.37	
			<i>For &gt;10 To 20, Add</i>	54.78	
			<i>For &gt;20 To 40, Add</i>	28.69	
			<i>For &gt;75 To 100, Deduct</i>	-14.35	
			<i>For &gt;100 To 200, Deduct</i>	-29.99	
			<i>For &gt;200, Deduct</i>	-44.34	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	276.65	
			<i>For Up To 10, Add</i>	65.73	
			<i>For &gt;10 To 20, Add</i>	35.46	
			<i>For &gt;20 To 40, Add</i>	19.03	
			<i>For &gt;75 To 100, Deduct</i>	-9.52	
			<i>For &gt;100 To 200, Deduct</i>	-20.33	
			<i>For &gt;200, Deduct</i>	-29.85	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	320.06	
			<i>For Up To 10, Add</i>	74.41	
			<i>For &gt;10 To 20, Add</i>	39.80	
			<i>For &gt;20 To 40, Add</i>	21.20	
			<i>For &gt;75 To 100, Deduct</i>	-10.60	
			<i>For &gt;100 To 200, Deduct</i>	-22.50	
			<i>For &gt;200, Deduct</i>	-33.10	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	333.85	
			<i>For Up To 10, Add</i>	77.34	
			<i>For &gt;10 To 20, Add</i>	41.32	
			<i>For &gt;20 To 40, Add</i>	21.98	
			<i>For &gt;75 To 100, Deduct</i>	-10.99	
			<i>For &gt;100 To 200, Deduct</i>	-23.30	
			<i>For &gt;200, Deduct</i>	-34.29	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	
07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied.....	435.17	
			<i>For Up To 10, Add</i>	97.61	
			<i>For &gt;10 To 20, Add</i>	51.45	
			<i>For &gt;20 To 40, Add</i>	27.05	
			<i>For &gt;75 To 100, Deduct</i>	-13.52	
			<i>For &gt;100 To 200, Deduct</i>	-28.37	
			<i>For &gt;200, Deduct</i>	-41.89	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	107.32	

**07 52 16 13-0011 Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing** (07 52 16 13-0001)

07 52 16 13-0012	SF		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.10	
07 52 16 13-0013	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....	4.08	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 13-0014	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....	5.74	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 13-0015	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.28	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 13-0016	SF		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.37	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 13-0017	SF		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	5.39	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07	
07 52 16 13-0018	SF		150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied .....	5.61	
07 52 16 13-0019	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	13.90	

**07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing** (07 52 16)

**07 52 16 14-0001 Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing** (07 52 16 14)

Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.

**07 52 16 14-0002 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets** (07 52 16 14-0001)

07 52 16 14-0003	SQ		35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened .....	188.50	
			<i>For Up To 10, Add</i>	41.16	
			<i>For &gt;10 To 20, Add</i>	21.45	
			<i>For &gt;20 To 40, Add</i>	11.16	
			<i>For &gt;75 To 100, Deduct</i>	-5.58	
			<i>For &gt;100 To 200, Deduct</i>	-11.59	
			<i>For &gt;200, Deduct</i>	-17.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 14-0004 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	144.30	
For Up To 10, Add	32.32	
For >10 To 20, Add	17.03	
For >20 To 40, Add	8.95	
For >75 To 100, Deduct	-4.47	
For >100 To 200, Deduct	-9.38	
For >200, Deduct	-13.85	
07 52 16 14-0005 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	187.81	
For Up To 10, Add	41.02	
For >10 To 20, Add	21.38	
For >20 To 40, Add	11.12	
For >75 To 100, Deduct	-5.56	
For >100 To 200, Deduct	-11.55	
For >200, Deduct	-17.12	
07 52 16 14-0006 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened.....	235.87	
For Up To 10, Add	50.64	
For >10 To 20, Add	26.18	
For >20 To 40, Add	13.52	
For >75 To 100, Deduct	-6.76	
For >100 To 200, Deduct	-13.96	
For >200, Deduct	-20.72	
07 52 16 14-0007 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened.....	296.91	
For Up To 10, Add	62.84	
For >10 To 20, Add	32.29	
For >20 To 40, Add	16.58	
For >75 To 100, Deduct	-8.29	
For >100 To 200, Deduct	-17.01	
For >200, Deduct	-25.30	
07 52 16 14-0008 Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 14-0001)		
07 52 16 14-0009 SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened.....	3.58	
07 52 16 14-0010 SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened.....	3.67	
<b>07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)</b>		
07 52 16 15-0001 Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 15)		
Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.		
07 52 16 15-0002 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 15-0001)		
07 52 16 15-0003 SQ 60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	149.88	
For Up To 10, Add	34.14	
For >10 To 20, Add	18.11	
For >20 To 40, Add	9.57	
For >75 To 100, Deduct	-4.79	
For >100 To 200, Deduct	-10.09	
For >200, Deduct	-14.88	
07 52 16 15-0004 SQ 70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	159.03	
For Up To 10, Add	35.97	
For >10 To 20, Add	19.02	
For >20 To 40, Add	10.03	
For >75 To 100, Deduct	-5.02	
For >100 To 200, Deduct	-10.55	
For >200, Deduct	-15.57	
07 52 16 15-0005 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	270.65	
For Up To 10, Add	58.60	
For >10 To 20, Add	30.42	
For >20 To 40, Add	15.77	
For >75 To 100, Deduct	-7.88	
For >100 To 200, Deduct	-16.33	
For >200, Deduct	-24.21	
07 52 16 15-0006 SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	324.33	
For Up To 10, Add	69.34	
For >10 To 20, Add	35.79	
For >20 To 40, Add	18.45	
For >75 To 100, Deduct	-9.23	
For >100 To 200, Deduct	-19.01	
For >200, Deduct	-28.24	
For Factory Applied White Reflective Surfacing, Add	107.32	
07 52 16 15-0007 SQ 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	482.58	
For Up To 10, Add	100.99	
For >10 To 20, Add	51.61	
For >20 To 40, Add	26.36	
For >75 To 100, Deduct	-13.18	
For >100 To 200, Deduct	-26.92	
For >200, Deduct	-40.10	
For Factory Applied White Reflective Surfacing, Add	107.32	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 52 16 15-0008	<b>Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing</b> <small>(07 52 16 15-0001)</small>		
07 52 16 15-0009	SF	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering .....	4.06
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering .....	4.58
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering .....	6.16
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.07

**07 53 Elastomeric Membrane Roofing** (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

**07 53 16 Chlorosulfonate-Polyethylene Roofing** (07 53)

07 53 16 00-0001	<b>Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes</b> <small>(07 53 16)</small>		
		Note: Includes hot air welding or adhesive bonding of seams.	
07 53 16 00-0002	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered .....	593.82
		Note: Includes adhesive.	
		<i>For Up To 10, Add</i>	152.04
		<i>For &gt;10 To 20, Add</i>	84.34
		<i>For &gt;20 To 40, Add</i>	46.33
		<i>For &gt;75 To 100, Deduct</i>	-23.16
		<i>For &gt;100 To 200, Deduct</i>	-50.49
		<i>For &gt;200, Deduct</i>	-73.65
		<i>For 15 Year Warranty, Add</i>	3.00
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted .....	458.51
		Note: Includes ballast.	
		<i>For Up To 10, Add</i>	108.34
		<i>For &gt;10 To 20, Add</i>	58.33
		<i>For &gt;20 To 40, Add</i>	31.24
		<i>For &gt;75 To 100, Deduct</i>	-15.62
		<i>For &gt;100 To 200, Deduct</i>	-33.32
		<i>For &gt;200, Deduct</i>	-48.94
		<i>For 15 Year Warranty, Add</i>	3.00
07 53 16 00-0004	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened .....	483.98
		Note: Includes fasteners.	
		<i>For Up To 10, Add</i>	121.75
		<i>For &gt;10 To 20, Add</i>	67.11
		<i>For &gt;20 To 40, Add</i>	36.68
		<i>For &gt;75 To 100, Deduct</i>	-18.34
		<i>For &gt;100 To 200, Deduct</i>	-39.80
		<i>For &gt;200, Deduct</i>	-58.13
		<i>For 15 Year Warranty, Add</i>	3.00
		<i>For Mechanically Fastened To Concrete Decks, Add</i>	31.19
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	32.50

**07 53 23 Ethylene-Propylene-Diene-Monomer Roofing** (07 53)

07 53 23 00-0001	<b>Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes</b> <small>(07 53 23)</small>		
		Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).	
07 53 23 00-0002	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	297.36
		Note: Includes ballast.	
		<i>For Up To 10, Add</i>	76.11
		<i>For &gt;10 To 20, Add</i>	42.21
		<i>For &gt;20 To 40, Add</i>	23.19
		<i>For &gt;75 To 100, Deduct</i>	-11.59
		<i>For &gt;100 To 200, Deduct</i>	-25.27
		<i>For &gt;200, Deduct</i>	-36.86
		<i>For 15 Year Warranty, Add</i>	3.00
		<i>For Low Slope Fire Rated, Add</i>	8.62
		<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	29.43
07 53 23 00-0003	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	386.35
		Note: Includes ballast.	
		<i>For Up To 10, Add</i>	94.95
		<i>For &gt;10 To 20, Add</i>	51.89
		<i>For &gt;20 To 40, Add</i>	28.16
		<i>For &gt;75 To 100, Deduct</i>	-14.08
		<i>For &gt;100 To 200, Deduct</i>	-30.37
		<i>For &gt;200, Deduct</i>	-44.44
		<i>For 15 Year Warranty, Add</i>	3.00
		<i>For 20 Year Warranty, Add</i>	7.00
		<i>For 25 Year Warranty, Add</i>	9.00
		<i>For Low Slope Fire Rated, Add</i>	8.62
		<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	29.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0004 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted .....	523.42	46.79
Note: Includes ballast.		
For Up To 10, Add	123.40	
For >10 To 20, Add	66.38	
For >20 To 40, Add	35.53	
For >75 To 100, Deduct	-17.76	
For >100 To 200, Deduct	-37.87	
For >200, Deduct	-55.63	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Low Slope Fire Rated, Add	8.62	
07 53 23 00-0005 SQ 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	353.01	62.39
Note: Includes adhesive and fasteners.		
For Up To 10, Add	95.56	
For >10 To 20, Add	54.02	
For >20 To 40, Add	30.13	
For >75 To 100, Deduct	-15.06	
For >100 To 200, Deduct	-33.25	
For >200, Deduct	-48.31	
For 15 Year Warranty, Add	3.00	
For Low Slope Fire Rated, Add	8.62	
For Low VOC Adhesive, Add	28.70	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
For Integral Polyester Fleece-Backing, Add	114.10	
07 53 23 00-0006 SQ 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	442.00	64.98
Note: Includes adhesive and fasteners.		
For Up To 10, Add	114.39	
For >10 To 20, Add	63.70	
For >20 To 40, Add	35.10	
For >75 To 100, Deduct	-17.55	
For >100 To 200, Deduct	-38.35	
For >200, Deduct	-55.89	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Low Slope Fire Rated, Add	8.62	
For Low VOC Adhesive, Add	28.70	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
For Integral Polyester Fleece-Backing, Add	126.75	
07 53 23 00-0007 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%) .....	579.06	67.58
Note: Includes adhesive and fasteners.		
For Up To 10, Add	142.85	
For >10 To 20, Add	78.18	
For >20 To 40, Add	42.47	
For >75 To 100, Deduct	-21.24	
For >100 To 200, Deduct	-45.85	
For >200, Deduct	-67.08	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Low Slope Fire Rated, Add	8.62	
For Low VOC Adhesive, Add	28.70	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
For Integral Polyester Fleece-Backing, Add	140.54	
07 53 23 00-0008 SQ 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered .....	465.11	83.18
Note: Includes adhesive and fasteners.		
For Up To 10, Add	126.29	
For >10 To 20, Add	71.47	
For >20 To 40, Add	39.89	
For >75 To 100, Deduct	-19.95	
For >100 To 200, Deduct	-44.05	
For >200, Deduct	-64.00	
For 15 Year Warranty, Add	3.00	
For Low Slope Fire Rated, Add	8.62	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
For Low VOC Adhesive, Add	71.74	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
For Integral Polyester Fleece-Backing, Add	114.10	
07 53 23 00-0009 SQ 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered .....	554.10	85.78
Note: Includes adhesive and fasteners.		
For Up To 10, Add	145.13	
For >10 To 20, Add	81.14	
For >20 To 40, Add	44.86	
For >75 To 100, Deduct	-22.43	
For >100 To 200, Deduct	-49.15	
For >200, Deduct	-71.58	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Low Slope Fire Rated, Add	8.62	
For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
For Low VOC Adhesive, Add	71.74	
For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
For Integral Polyester Fleece-Backing, Add	126.75	

## 07 Thermal And Moisture Protection

## 07 50 Membrane Roofing

## 07 53 Elastomeric Membrane Roofing



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	691.17	88.38
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	173.59	
		For >10 To 20, Add	95.63	
		For >20 To 40, Add	52.23	
		For >75 To 100, Deduct	-26.12	
		For >100 To 200, Deduct	-56.65	
		For >200, Deduct	-82.77	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.62	
		For Low VOC Adhesive, Add	71.74	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
		For Integral Polyester Fleece-Backing, Add	140.54	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	322.59	62.39
		Note: Includes fasteners.		
		For Up To 10, Add	89.47	
		For >10 To 20, Add	50.97	
		For >20 To 40, Add	28.61	
		For >75 To 100, Deduct	-14.30	
		For >100 To 200, Deduct	-31.73	
		For >200, Deduct	-46.03	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	8.62	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
		For Mechanically Fastened To Concrete Decks, Add	31.19	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.50	
07 53 23 00-0012	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	411.58	64.98
		Note: Includes fasteners.		
		For Up To 10, Add	108.31	
		For >10 To 20, Add	60.65	
		For >20 To 40, Add	33.58	
		For >75 To 100, Deduct	-16.79	
		For >100 To 200, Deduct	-36.83	
		For >200, Deduct	-53.61	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.62	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	29.43	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
		For Mechanically Fastened To Concrete Decks, Add	32.49	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.80	
07 53 23 00-0013	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened .....	548.65	67.58
		Note: Includes fasteners.		
		For Up To 10, Add	136.76	
		For >10 To 20, Add	75.14	
		For >20 To 40, Add	40.95	
		For >75 To 100, Deduct	-20.47	
		For >100 To 200, Deduct	-44.33	
		For >200, Deduct	-64.80	
		For 15 Year Warranty, Add	3.00	
		For 20 Year Warranty, Add	7.00	
		For 25 Year Warranty, Add	9.00	
		For Low Slope Fire Rated, Add	8.62	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	82.28	
		For Mechanically Fastened To Concrete Decks, Add	33.79	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.10	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories (07 53 23)

07 53 23 00-0015	SQ	Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat .....	71.25	
		For Up To 10, Add	18.41	
		For >10 To 20, Add	10.25	
		For >20 To 40, Add	5.64	
		For >75 To 100, Deduct	-2.82	
		For >100 To 200, Deduct	-6.16	
		For >200, Deduct	-8.98	
07 53 23 00-0016	SQ	Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat .....	73.77	
		Note: 55% solids by volume.		
		For Up To 10, Add	18.91	
		For >10 To 20, Add	10.50	
		For >20 To 40, Add	5.77	
		For >75 To 100, Deduct	-2.88	
		For >100 To 200, Deduct	-6.29	
		For >200, Deduct	-9.17	
07 53 23 00-0017	EA	Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	44.25	9.88
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018	EA	>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	64.16	9.88
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019	EA	>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	121.61	9.88
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0020 EA 6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket ..... Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	161.71	10.92
07 53 23 00-0021 LF 30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad ..... Note: Includes factory installed peel and stick adhesive tape.	34.71	6.03
07 53 23 00-0022 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing .....	6.51	1.56
07 53 23 00-0023 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing .....	8.07	2.34

**07 53 29 Polyisobutylene Roofing (07 53)****07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)**

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.		
07 53 29 00-0002 SQ 100 Mil, Single Ply PIB Roofing Membrane, Ballasted .....	523.33	46.79
Note: Includes ballast.		
For Up To 10, Add	123.38	
For >10 To 20, Add	66.37	
For >20 To 40, Add	35.52	
For >75 To 100, Deduct	-17.76	
For >100 To 200, Deduct	-37.86	
For >200, Deduct	-55.63	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
07 53 29 00-0003 SQ 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%) .....	581.51	67.58
Note: Includes adhesive.		
For Up To 10, Add	143.34	
For >10 To 20, Add	78.43	
For >20 To 40, Add	42.59	
For >75 To 100, Deduct	-21.30	
For >100 To 200, Deduct	-45.97	
For >200, Deduct	-67.27	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
07 53 29 00-0004 SQ 100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered .....	697.43	88.38
Note: Includes adhesive.		
For Up To 10, Add	174.84	
For >10 To 20, Add	96.26	
For >20 To 40, Add	52.55	
For >75 To 100, Deduct	-26.27	
For >100 To 200, Deduct	-56.97	
For >200, Deduct	-83.24	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	

**07 54 Thermoplastic Membrane Roofing (07 50)**

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

**07 54 19 Polyvinyl-Chloride Roofing (07 54)****07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (07 54 19)**

Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0002 SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	188.80	41.59
Note: Includes ballast.		
For Up To 10, Add	54.40	
For >10 To 20, Add	31.36	
For >20 To 40, Add	17.76	
For >75 To 100, Deduct	-8.88	
For >100 To 200, Deduct	-19.84	
For >200, Deduct	-28.72	
For 15 Year Warranty, Add	3.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	
07 54 19 00-0003 SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	206.92	44.19
Note: Includes ballast.		
For Up To 10, Add	59.06	
For >10 To 20, Add	33.95	
For >20 To 40, Add	19.18	
For >75 To 100, Deduct	-9.59	
For >100 To 200, Deduct	-21.39	
For >200, Deduct	-30.99	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	



**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54	19 00-0004	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	226.03	45.49
			Note: Includes ballast.		
			For Up To 10, Add	63.40	
			For >10 To 20, Add	36.25	
			For >20 To 40, Add	20.40	
			For >75 To 100, Deduct	-10.20	
			For >100 To 200, Deduct	-22.67	
			For >200, Deduct	-32.87	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	24.71	
07 54	19 00-0005	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted .....	235.81	46.79
			Note: Includes ballast.		
			For Up To 10, Add	65.88	
			For >10 To 20, Add	37.62	
			For >20 To 40, Add	21.15	
			For >75 To 100, Deduct	-10.57	
			For >100 To 200, Deduct	-23.49	
			For >200, Deduct	-34.06	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	24.71	
07 54	19 00-0006	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	391.76	83.18
			Note: Includes adhesive.		
			For Up To 10, Add	111.62	
			For >10 To 20, Add	64.13	
			For >20 To 40, Add	36.22	
			For >75 To 100, Deduct	-18.11	
			For >100 To 200, Deduct	-40.38	
			For >200, Deduct	-58.50	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	83.07	
			For Integral Polyester Fleece-Backing, Add	24.71	
07 54	19 00-0007	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	409.88	85.78
			Note: Includes adhesive.		
			For Up To 10, Add	116.29	
			For >10 To 20, Add	66.72	
			For >20 To 40, Add	37.65	
			For >75 To 100, Deduct	-18.83	
			For >100 To 200, Deduct	-41.94	
			For >200, Deduct	-60.76	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	83.07	
			For Integral Polyester Fleece-Backing, Add	24.71	
07 54	19 00-0008	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	428.99	87.08
			Note: Includes adhesive.		
			For Up To 10, Add	120.63	
			For >10 To 20, Add	69.02	
			For >20 To 40, Add	38.87	
			For >75 To 100, Deduct	-19.43	
			For >100 To 200, Deduct	-43.22	
			For >200, Deduct	-62.65	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	83.07	
			For Integral Polyester Fleece-Backing, Add	24.71	
07 54	19 00-0009	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered .....	438.77	88.38
			Note: Includes adhesive.		
			For Up To 10, Add	123.11	
			For >10 To 20, Add	70.39	
			For >20 To 40, Add	39.61	
			For >75 To 100, Deduct	-19.81	
			For >100 To 200, Deduct	-44.03	
			For >200, Deduct	-63.84	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	83.07	
			For Integral Polyester Fleece-Backing, Add	24.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0010 SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....205.85		62.39
Note: Includes fasteners.		
For Up To 10, Add	66.12	
For >10 To 20, Add	39.30	
For >20 To 40, Add	22.77	
For >75 To 100, Deduct	-11.38	
For >100 To 200, Deduct	-25.89	
For >200, Deduct	-37.27	
For 15 Year Warranty, Add	3.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	
For Mechanically Fastened To Concrete Decks, Add	31.19	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.50	
07 54 19 00-0011 SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....223.97		64.98
Note: Includes fasteners.		
For Up To 10, Add	70.79	
For >10 To 20, Add	41.89	
For >20 To 40, Add	24.20	
For >75 To 100, Deduct	-12.10	
For >100 To 200, Deduct	-27.44	
For >200, Deduct	-39.54	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	
For Mechanically Fastened To Concrete Decks, Add	32.49	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.80	
07 54 19 00-0012 SQ 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....243.08		66.28
Note: Includes fasteners.		
For Up To 10, Add	75.13	
For >10 To 20, Add	44.19	
For >20 To 40, Add	25.41	
For >75 To 100, Deduct	-12.71	
For >100 To 200, Deduct	-28.73	
For >200, Deduct	-41.43	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	
For Mechanically Fastened To Concrete Decks, Add	33.14	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.45	
07 54 19 00-0013 SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened .....252.86		67.58
Note: Includes fasteners.		
For Up To 10, Add	77.61	
For >10 To 20, Add	45.56	
For >20 To 40, Add	26.16	
For >75 To 100, Deduct	-13.08	
For >100 To 200, Deduct	-29.54	
For >200, Deduct	-42.62	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	24.71	
For Mechanically Fastened To Concrete Decks, Add	33.79	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.10	
<b>07 54 19 00-0014 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19)</b>		
07 54 19 00-0015 SQ Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat .....71.25		
For Up To 10, Add	18.41	
For >10 To 20, Add	10.25	
For >20 To 40, Add	5.64	
For >75 To 100, Deduct	-2.82	
For >100 To 200, Deduct	-6.16	
For >200, Deduct	-8.98	
07 54 19 00-0016 SQ Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat .....73.77		
Note: 55% solids by volume.		
For Up To 10, Add	18.91	
For >10 To 20, Add	10.50	
For >20 To 40, Add	5.77	
For >75 To 100, Deduct	-2.88	
For >100 To 200, Deduct	-6.29	
For >200, Deduct	-9.17	
07 54 19 00-0017 EA Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot .....74.78		8.84
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0018 EA >3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot .....105.46		9.88
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0019 EA >7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot .....135.23		10.92
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0020 EA 6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket .....172.62		10.92
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 19 00-0021 LF 36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad .....29.57		6.03
07 54 19 00-0022 SF Polyvinyl Chloride (PVC) Membrane Base Flashing .....7.81		1.56

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0023	SF		Polyvinyl Chloride (PVC) Membrane Curb Flashing .....	9.37	2.34
07 54 19 00-0024	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	10.66	1.56
Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.					
<b>07 54 23 Thermoplastic-Polyolefin Roofing (07 54)</b>					
<b>07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes (07 54 23)</b>					
Note: Includes polyester fabric reinforcement and hot air welding of seams.					
07 54 23 00-0002	SQ		45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered .....	435.41	83.18
Note: Includes adhesive.					
			<i>For Up To 10, Add</i>	120.35	
			<i>For &gt;10 To 20, Add</i>	68.50	
			<i>For &gt;20 To 40, Add</i>	38.41	
			<i>For &gt;75 To 100, Deduct</i>	-19.20	
			<i>For &gt;100 To 200, Deduct</i>	-42.57	
			<i>For &gt;200, Deduct</i>	-61.77	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Low VOC Adhesive, Add</i>	71.74	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0003	SQ		60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered .....	466.80	85.78
Note: Includes adhesive.					
			<i>For Up To 10, Add</i>	127.67	
			<i>For &gt;10 To 20, Add</i>	72.41	
			<i>For &gt;20 To 40, Add</i>	40.50	
			<i>For &gt;75 To 100, Deduct</i>	-20.25	
			<i>For &gt;100 To 200, Deduct</i>	-44.79	
			<i>For &gt;200, Deduct</i>	-65.03	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low VOC Adhesive, Add</i>	71.74	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0004	SQ		80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Fully Adhered .....	606.57	88.38
Note: Includes adhesive.					
			<i>For Up To 10, Add</i>	156.67	
			<i>For &gt;10 To 20, Add</i>	87.17	
			<i>For &gt;20 To 40, Add</i>	48.00	
			<i>For &gt;75 To 100, Deduct</i>	-24.00	
			<i>For &gt;100 To 200, Deduct</i>	-52.42	
			<i>For &gt;200, Deduct</i>	-76.43	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Low VOC Adhesive, Add</i>	71.74	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
07 54 23 00-0005	SQ		45 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened.....	288.78	62.39
Note: Includes fasteners.					
			<i>For Up To 10, Add</i>	82.71	
			<i>For &gt;10 To 20, Add</i>	47.59	
			<i>For &gt;20 To 40, Add</i>	26.92	
			<i>For &gt;75 To 100, Deduct</i>	-13.46	
			<i>For &gt;100 To 200, Deduct</i>	-30.04	
			<i>For &gt;200, Deduct</i>	-43.49	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	31.19	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	32.50	
07 54 23 00-0006	SQ		60 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened.....	320.17	64.98
Note: Includes fasteners.					
			<i>For Up To 10, Add</i>	90.03	
			<i>For &gt;10 To 20, Add</i>	51.51	
			<i>For &gt;20 To 40, Add</i>	29.01	
			<i>For &gt;75 To 100, Deduct</i>	-14.50	
			<i>For &gt;100 To 200, Deduct</i>	-32.25	
			<i>For &gt;200, Deduct</i>	-46.76	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	32.49	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	33.80	
07 54 23 00-0007	SQ		80 Mil, Single Ply Thermoplastic Polyolefin (TPO) Roofing Membrane, Mechanically Fastened.....	459.94	67.58
Note: Includes fasteners.					
			<i>For Up To 10, Add</i>	119.02	
			<i>For &gt;10 To 20, Add</i>	66.27	
			<i>For &gt;20 To 40, Add</i>	36.51	
			<i>For &gt;75 To 100, Deduct</i>	-18.26	
			<i>For &gt;100 To 200, Deduct</i>	-39.89	
			<i>For &gt;200, Deduct</i>	-58.15	
			<i>For 15 Year Warranty, Add</i>	3.00	
			<i>For 20 Year Warranty, Add</i>	7.00	
			<i>For 25 Year Warranty, Add</i>	9.00	
			<i>For Integral Polyester Fleece-Backing, Add</i>	33.25	
			<i>For Mechanically Fastened To Concrete Decks, Add</i>	33.79	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add</i>	35.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 54 23 00-0008 Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories</b> <small>(07 54 23)</small>		
07 54 23 00-0009 SQ Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat .....	85.12	
<i>For Up To 10, Add</i>	21.18	
<i>For &gt;10 To 20, Add</i>	11.63	
<i>For &gt;20 To 40, Add</i>	6.34	
<i>For &gt;75 To 100, Deduct</i>	-3.17	
<i>For &gt;100 To 200, Deduct</i>	-6.86	
<i>For &gt;200, Deduct</i>	-10.02	
07 54 23 00-0010 SQ Acrylic Elastomeric, Surface Or Base Coating For Thermoplastic Polyolefin (TPO) Roofing, Price Per Coat .....	73.77	
<i>Note: 55% solids by volume.</i>		
<i>For Up To 10, Add</i>	18.91	
<i>For &gt;10 To 20, Add</i>	10.50	
<i>For &gt;20 To 40, Add</i>	5.77	
<i>For &gt;75 To 100, Deduct</i>	-2.88	
<i>For &gt;100 To 200, Deduct</i>	-6.29	
<i>For &gt;200, Deduct</i>	-9.17	
<i>For Tan Or Gray Color, Add</i>	2.65	
07 54 23 00-0011 EA Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot .....	64.18	8.84
<i>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.</i>		
07 54 23 00-0012 EA >3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Pipe Cone/Boot .....	69.21	9.88
<i>Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.</i>		
07 54 23 00-0013 EA 6" Diameter, Prefabricated Thermoplastic Polyolefin (TPO) Penetration Pocket.....	128.49	10.92
<i>Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.</i>		
07 54 23 00-0014 LF 30" Wide, Thermoplastic Polyolefin (TPO) Walkway Protection Pad .....	29.19	6.03
07 54 23 00-0015 SF Thermoplastic Polyolefin (TPO) Membrane Base Flashing .....	8.17	1.56
07 54 23 00-0016 SF Thermoplastic Polyolefin (TPO) Curb Flashing.....	6.86	1.56
<i>For Tan Or Gray Color, Add</i>	0.11	
07 54 23 00-0017 SF Thermoplastic Polyolefin (TPO) Clad Edge Metal Or Base Flashing .....	12.12	1.56
<i>Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.</i>		
 <b>07 55 Protected Membrane Roofing</b> <small>(07 50)</small>		
<b>07 55 52 Modified Bituminous Protected Membrane Roofing</b> <small>(07 55)</small>		
<b>07 55 52 13 Atactic-Polypropylene Modified Bituminous Protected Membrane Roofing</b> <small>(07 55 52)</small>		
<i>See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 13 00-0000 for atactic-polypropylene modified bituminous membrane roofing.</i>		
<b>07 55 52 16 Styrene-Butadiene-Styrene Modified Bituminous Protected Membrane Roofing</b> <small>(07 55 52)</small>		
<i>See CSI section 07 22 16 00-0000 for roof board insulation, 07 51 13 00-0039 for gravel roof ballast, 07 52 16 00-0000 for styrene-butadiene-styrene modified bituminous membrane roofing.</i>		
 <b>07 56 Fluid-Applied Roofing</b> <small>(07 50)</small>		
<b>07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats</b> <small>(07 56)</small>		
07 56 00 00-0002 SQ 60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing .....	1,002.64	138.10
<i>For Each Additional Coat, Add</i>	150.40	
<b>07 56 00 00-0003 Vinyl Spray Liquid Roofing</b> <small>(07 56)</small>		
07 56 00 00-0004 SQ 2 Mil Vinyl Liquid Roofing .....	1,215.44	145.54
07 56 00 00-0005 SQ 4 Mil Vinyl Liquid Roofing .....	1,360.26	162.53
<b>07 56 00 00-0006 Silicone Elastomeric Liquid Roofing</b> <small>(07 56)</small>		
07 56 00 00-0007 SQ 65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	447.50	83.39
07 56 00 00-0008 SQ 65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	528.32	83.39
07 56 00 00-0009 SQ 65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	589.11	83.39
<b>07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane</b> <small>(07 56)</small>		
07 56 00 00-0011 SQ 90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane .....	1,912.79	83.39
<i>Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.</i>		
<b>07 56 00 00-0012 Urethane Liquid Roofing Membrane</b> <small>(07 56)</small>		
<i>Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.</i>		
07 56 00 00-0013 SQ Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	99.13	
07 56 00 00-0014 LF Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	5.00	
07 56 00 00-0015 SQ White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	378.82	
07 56 00 00-0016 SQ White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System .....	96.84	
07 56 00 00-0017 SQ White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply .....	938.38	
07 56 00 00-0018 SQ White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	1,421.16	

**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 56 Fluid-Applied Roofing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 56 00 00-0019	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	970.89	
07 56 00 00-0020	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	248.55	

**07 57 Coated Foamed Roofing** (07 50)**07 57 13 Sprayed Polyurethane Foam Roofing** (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001		Sprayed Polyurethane Foam Roofing Systems <small>(07 57 13)</small>		
07 57 13 00-0002		Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating <small>(07 57 13 00-0001)</small>		
07 57 13 00-0003		Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.				
07 57 13 00-0004	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	375.33	50.84
07 57 13 00-0005	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	453.95	54.47
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	532.57	58.11
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	619.22	61.74
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	705.87	65.37
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	776.47	69.00
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	847.08	72.63
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	925.71	76.26
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	1,004.33	79.89
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	1,082.95	83.53
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	1,161.57	87.15
07 57 13 00-0015		Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.				
07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	387.81	50.84
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	466.43	54.47
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	545.05	58.11
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	623.68	61.74
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	702.30	65.37
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	780.92	69.00
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	859.55	72.63
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	938.19	76.26
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	1,016.81	79.89
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	1,095.43	83.53
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	1,174.05	87.15
07 57 13 00-0027		Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small>		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.				
07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	418.11	50.84
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	494.06	54.47
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	570.00	58.11



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0031 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	648.63	61.74
07 57 13 00-0032 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	727.26	65.37
07 57 13 00-0033 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	839.21	69.00
07 57 13 00-0034 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	951.17	72.63
07 57 13 00-0035 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	1,036.57	76.26
07 57 13 00-0036 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	1,121.97	79.89
07 57 13 00-0037 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	1,207.36	83.53
07 57 13 00-0038 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating .....	1,292.76	87.15
<b>07 57 13 00-0039 Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating</b> <small>(07 57 13 00-0001)</small>		
<b>07 57 13 00-0040 Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating</b> <small>(07 57 13 00-0039)</small>		
<small>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.</small>		
07 57 13 00-0041 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	427.02	50.84
07 57 13 00-0042 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	512.41	54.47
07 57 13 00-0043 SQ 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	597.81	58.11
07 57 13 00-0044 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	683.21	61.74
07 57 13 00-0045 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	768.61	65.37
07 57 13 00-0046 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	854.00	69.00
07 57 13 00-0047 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	939.41	72.63
07 57 13 00-0048 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	1,024.81	76.26
07 57 13 00-0049 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	1,110.20	79.89
07 57 13 00-0050 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	1,195.60	83.53
07 57 13 00-0051 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating .....	1,280.99	87.15
<b>07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating</b> <small>(07 57 13 00-0039)</small>		
<small>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.</small>		
07 57 13 00-0053 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	444.67	50.84
07 57 13 00-0054 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	530.06	54.47
07 57 13 00-0055 SQ 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	615.45	58.11
07 57 13 00-0056 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	700.86	61.74
07 57 13 00-0057 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	786.25	65.37
07 57 13 00-0058 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	871.65	69.00
07 57 13 00-0059 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	957.05	72.63
07 57 13 00-0060 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	1,042.46	76.26
07 57 13 00-0061 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	1,127.85	79.89
07 57 13 00-0062 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	1,213.24	83.53
07 57 13 00-0063 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating .....	1,298.64	87.15
<b>07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating</b> <small>(07 57 13 00-0039)</small>		
<small>Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.</small>		
07 57 13 00-0065 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating .....	458.39	50.84



**07 Thermal And Moisture Protection****07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0066	SQ		1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	543.78	54.47
07 57 13 00-0067	SQ		2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	629.18	58.11
07 57 13 00-0068	SQ		2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	714.58	61.74
07 57 13 00-0069	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	799.98	65.37
07 57 13 00-0070	SQ		3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	885.37	69.00
07 57 13 00-0071	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	970.78	72.63
07 57 13 00-0072	SQ		4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,056.18	76.26
07 57 13 00-0073	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,141.57	79.89
07 57 13 00-0074	SQ		5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,226.97	83.53
07 57 13 00-0075	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	1,312.36	87.15

**07 58 Roll Roofing** (07 50)

07 58 00 00-0001			<b>Prepared Roll Roofing</b> <small>(07 58)</small> Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.		
07 58 00 00-0002	SQ		Granule Surfaced, 90 Lb., Asphalt Saturated Organic Felt Roll Roofing.....	263.16	32.49

**07 59 Membrane Roofing Termination Bar** (07 50)

07 59 00 00-0001			<b>Membrane Roofing Termination Bar</b> <small>(07 59)</small>		
07 59 00 00-0002	LF		Membrane Roofing Termination Bar..... Note: Includes fasteners and caulking.	4.87	1.49

**07 60 Flashing and Sheet Metal** (07)**07 61 Sheet Metal Roofing** (07 60)**07 61 13 Standing Seam Sheet Metal Roofing** (07 61)

07 61 13 00-0001			<b>Standing Seam Concealed Fastener Roofing</b> <small>(07 61 13)</small>		
07 61 13 00-0002			<b>Copper Standing Seam Concealed Fastener Roofing</b> <small>(07 61 13 00-0001)</small>		
07 61 13 00-0003	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	36.65	3.35
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.00	
			<i>For 140 MPH Wind Load, Add</i>	1.27	
			<i>For Panels &lt;16" Wide, Add</i>	3.07	
			<i>For Up To 1,500, Add</i>	9.16	
			<i>For &gt;1,500 To 5,000, Add</i>	5.50	
			<i>For &gt;5,000 To 10,000, Add</i>	0.92	
07 61 13 00-0004	SF		Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....	40.14	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.17	
			<i>For 140 MPH Wind Load, Add</i>	1.38	
			<i>For Panels &lt;16" Wide, Add</i>	3.35	
			<i>For Up To 1,500, Add</i>	10.04	
			<i>For &gt;1,500 To 5,000, Add</i>	6.02	
			<i>For &gt;5,000 To 10,000, Add</i>	1.00	
07 61 13 00-0005	SF		Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	47.38	3.95
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
			<i>For 140 MPH Wind Load, Add</i>	1.58	
			<i>For Panels &lt;16" Wide, Add</i>	3.83	
			<i>For Up To 1,500, Add</i>	11.85	
			<i>For &gt;1,500 To 5,000, Add</i>	7.11	
			<i>For &gt;5,000 To 10,000, Add</i>	1.18	
07 61 13 00-0006			<b>Zinc/Copper Standing Seam Concealed Fastener Roofing</b> <small>(07 61 13 00-0001)</small>		
07 61 13 00-0007	SF		0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	42.92	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.17	
			<i>For 140 MPH Wind Load, Add</i>	1.44	
			<i>For Panels &lt;16" Wide, Add</i>	3.49	
			<i>For Up To 1,500, Add</i>	10.73	
			<i>For &gt;1,500 To 5,000, Add</i>	6.44	
			<i>For &gt;5,000 To 10,000, Add</i>	1.07	
			<i>For Tin/Copper, Deduct</i>	-0.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0008 SF 0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	52.14	3.78
<i>For Steep Roof, Over 6 To 12, Add</i>	2.26	
<i>For 140 MPH Wind Load, Add</i>	1.65	
<i>For Panels &lt;16" Wide, Add</i>	4.00	
<i>For Up To 1,500, Add</i>	13.04	
<i>For &gt;1,500 To 5,000, Add</i>	7.82	
<i>For &gt;5,000 To 10,000, Add</i>	1.30	
<i>For Tin/Copper, Deduct</i>	-0.89	
07 61 13 00-0009 SF 0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	59.37	3.95
<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
<i>For 140 MPH Wind Load, Add</i>	1.82	
<i>For Panels &lt;16" Wide, Add</i>	4.43	
<i>For Up To 1,500, Add</i>	14.84	
<i>For &gt;1,500 To 5,000, Add</i>	8.91	
<i>For &gt;5,000 To 10,000, Add</i>	1.48	
<i>For Tin/Copper, Deduct</i>	-1.03	
07 61 13 00-0010 SF 0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	74.65	4.14
<i>For Steep Roof, Over 6 To 12, Add</i>	2.48	
<i>For 140 MPH Wind Load, Add</i>	2.15	
<i>For Panels &lt;16" Wide, Add</i>	5.26	
<i>For Up To 1,500, Add</i>	18.66	
<i>For &gt;1,500 To 5,000, Add</i>	11.20	
<i>For &gt;5,000 To 10,000, Add</i>	1.87	
<i>For Tin/Copper, Deduct</i>	-1.33	
<b>07 61 13 00-0011 Accessories For Copper Standing Seam Concealed Fastener Roofing</b> (07 61 13 00-0001)		
07 61 13 00-0012 LF Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	155.32	6.91
<i>For Steep Roof, Over 6 To 12, Add</i>	5.18	
<i>For 140 MPH Wind Load, Add</i>	4.49	
07 61 13 00-0013 LF Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	88.47	6.91
<i>For Steep Roof, Over 6 To 12, Add</i>	5.18	
<i>For 140 MPH Wind Load, Add</i>	3.15	
07 61 13 00-0014 LF Valley Flashing For Copper Standing Seam Concealed Fastener Roofing.....	218.53	6.91
<i>For Steep Roof, Over 6 To 12, Add</i>	5.18	
<i>For 140 MPH Wind Load, Add</i>	5.75	
07 61 13 00-0015 LF Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	160.32	6.91
<i>For Steep Roof, Over 6 To 12, Add</i>	5.18	
<i>For 140 MPH Wind Load, Add</i>	4.59	
<b>07 61 16 Batten Seam Sheet Metal Roofing</b> (07 61)		
07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing (07 61 16)		
07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0003 SF 16 Ounce Copper Batten Seam Concealed Fastener Roofing.....	45.18	3.95
<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
<i>For 140 MPH Wind Load, Add</i>	1.54	
<i>For Panels &lt;16" Wide, Add</i>	3.72	
<i>For Up To 1,500, Add</i>	11.30	
<i>For &gt;1,500 To 5,000, Add</i>	6.78	
<i>For &gt;5,000 To 10,000, Add</i>	1.13	
07 61 16 00-0004 SF 18 Ounce Copper Batten Seam Concealed Fastener Roofing.....	49.97	4.15
<i>For Steep Roof, Over 6 To 12, Add</i>	2.49	
<i>For 140 MPH Wind Load, Add</i>	1.66	
<i>For Panels &lt;16" Wide, Add</i>	4.03	
<i>For Up To 1,500, Add</i>	12.49	
<i>For &gt;1,500 To 5,000, Add</i>	7.50	
<i>For &gt;5,000 To 10,000, Add</i>	1.25	
07 61 16 00-0005 SF 20 Ounce Copper Batten Seam Concealed Fastener Roofing.....	58.39	4.35
<i>For Steep Roof, Over 6 To 12, Add</i>	2.60	
<i>For 140 MPH Wind Load, Add</i>	1.86	
<i>For Panels &lt;16" Wide, Add</i>	4.53	
<i>For Up To 1,500, Add</i>	14.60	
<i>For &gt;1,500 To 5,000, Add</i>	8.76	
<i>For &gt;5,000 To 10,000, Add</i>	1.46	
07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0007 SF 0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing.....	45.99	3.63
<i>For Steep Roof, Over 6 To 12, Add</i>	2.17	
<i>For 140 MPH Wind Load, Add</i>	1.50	
<i>For Panels &lt;16" Wide, Add</i>	3.64	
<i>For Up To 1,500, Add</i>	11.50	
<i>For &gt;1,500 To 5,000, Add</i>	6.90	
<i>For &gt;5,000 To 10,000, Add</i>	1.15	
<i>For Tin/Copper, Deduct</i>	-0.78	

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 16 00-0008	SF	0.027"	Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....	56.53	3.78
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.27	
			<i>For 140 MPH Wind Load, Add</i>	1.73	
			<i>For Panels &lt;16" Wide, Add</i>	4.22	
			<i>For Up To 1,500, Add</i>	14.13	
			<i>For &gt;1,500 To 5,000, Add</i>	8.48	
			<i>For &gt;5,000 To 10,000, Add</i>	1.41	
			<i>For Tin/Copper, Deduct</i>	-0.98	
07 61 16 00-0009	SF	0.032"	Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....	63.46	3.95
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
			<i>For 140 MPH Wind Load, Add</i>	1.90	
			<i>For Panels &lt;16" Wide, Add</i>	4.63	
			<i>For Up To 1,500, Add</i>	15.87	
			<i>For &gt;1,500 To 5,000, Add</i>	9.52	
			<i>For &gt;5,000 To 10,000, Add</i>	1.59	
			<i>For Tin/Copper, Deduct</i>	-1.11	
07 61 16 00-0010	SF	0.040"	Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing .....	79.92	4.14
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.48	
			<i>For 140 MPH Wind Load, Add</i>	2.26	
			<i>For Panels &lt;16" Wide, Add</i>	5.53	
			<i>For Up To 1,500, Add</i>	19.98	
			<i>For &gt;1,500 To 5,000, Add</i>	11.99	
			<i>For &gt;5,000 To 10,000, Add</i>	2.00	
			<i>For Tin/Copper, Deduct</i>	-1.43	
<b>07 61 19 Flat Seam Sheet Metal Roofing (07 61)</b>					
07 61 19 00-0001			Copper Flat Seam Concealed Fastener Roofing (07 61 19)		
07 61 19 00-0002			Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0003	SF	16 Ounce	Copper Flat Seam Concealed Fastener Roofing.....	34.73	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.17	
			<i>For 140 MPH Wind Load, Add</i>	1.27	
			<i>For Panels &lt;16" Wide, Add</i>	3.08	
			<i>For Up To 1,500, Add</i>	8.68	
			<i>For &gt;1,500 To 5,000, Add</i>	5.21	
			<i>For &gt;5,000 To 10,000, Add</i>	0.87	
07 61 19 00-0004	SF	18 Ounce	Copper Flat Seam Concealed Fastener Roofing.....	38.26	3.78
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.27	
			<i>For 140 MPH Wind Load, Add</i>	1.37	
			<i>For Panels &lt;16" Wide, Add</i>	3.31	
			<i>For Up To 1,500, Add</i>	9.57	
			<i>For &gt;1,500 To 5,000, Add</i>	5.74	
			<i>For &gt;5,000 To 10,000, Add</i>	0.96	
07 61 19 00-0005	SF	20 Ounce	Copper Flat Seam Concealed Fastener Roofing.....	44.45	3.95
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
			<i>For 140 MPH Wind Load, Add</i>	1.52	
			<i>For Panels &lt;16" Wide, Add</i>	3.68	
			<i>For Up To 1,500, Add</i>	11.11	
			<i>For &gt;1,500 To 5,000, Add</i>	6.67	
			<i>For &gt;5,000 To 10,000, Add</i>	1.11	
07 61 19 00-0006			Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0007	SF	0.020"	Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	40.14	3.63
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.17	
			<i>For 140 MPH Wind Load, Add</i>	1.38	
			<i>For Panels &lt;16" Wide, Add</i>	3.35	
			<i>For Up To 1,500, Add</i>	10.04	
			<i>For &gt;1,500 To 5,000, Add</i>	6.02	
			<i>For &gt;5,000 To 10,000, Add</i>	1.00	
			<i>For Tin/Copper, Deduct</i>	-0.66	
07 61 19 00-0008	SF	0.027"	Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	49.22	3.78
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.27	
			<i>For 140 MPH Wind Load, Add</i>	1.59	
			<i>For Panels &lt;16" Wide, Add</i>	3.86	
			<i>For Up To 1,500, Add</i>	12.31	
			<i>For &gt;1,500 To 5,000, Add</i>	7.38	
			<i>For &gt;5,000 To 10,000, Add</i>	1.23	
			<i>For Tin/Copper, Deduct</i>	-0.83	
07 61 19 00-0009	SF	0.032"	Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	55.42	3.95
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.37	
			<i>For 140 MPH Wind Load, Add</i>	1.74	
			<i>For Panels &lt;16" Wide, Add</i>	4.23	
			<i>For Up To 1,500, Add</i>	13.86	
			<i>For &gt;1,500 To 5,000, Add</i>	8.31	
			<i>For &gt;5,000 To 10,000, Add</i>	1.39	
			<i>For Tin/Copper, Deduct</i>	-0.95	
07 61 19 00-0010	SF	0.040"	Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	69.68	4.14
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.48	
			<i>For 140 MPH Wind Load, Add</i>	2.06	
			<i>For Panels &lt;16" Wide, Add</i>	5.01	
			<i>For Up To 1,500, Add</i>	17.42	
			<i>For &gt;1,500 To 5,000, Add</i>	10.45	
			<i>For &gt;5,000 To 10,000, Add</i>	1.74	
			<i>For Tin/Copper, Deduct</i>	-1.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**07 62 Sheet Metal Flashing and Trim** (07 60)**07 62 13 Fabricated Copings** (07 62)**07 62 13 00-0001 Lead Flashing And Trim** (07 62 13)

07 62 13 00-0002	SF 2.5 Lb./SF, Sheet Lead Flashing .....	23.26		5.25
	<i>For Up To 100, Add</i>			5.82
07 62 13 00-0003	SF 4 Lb./SF, Sheet Lead Flashing .....	30.72		5.25
	<i>For Up To 100, Add</i>			7.68

**07 62 13 00-0004 Copper Flashing And Trim** (07 62 13)**07 62 13 00-0005 Copper Flashing And Trim** (07 62 13 00-0004)

07 62 13 00-0006	SF 16 Ounce, 0.021" Thick, Copper Flashing And Trim .....	28.57		5.12
	<i>For Up To 100, Add</i>			7.14
	<i>For &gt;500 To 2,000, Deduct</i>			-3.92
	<i>For &gt;2,000, Deduct</i>			-4.84
	<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>			2.03
	<i>For Wrap Around Window Panning, Add</i>			10.14
07 62 13 00-0007	SF 20 Ounce, 0.027" Thick, Copper Flashing And Trim .....	29.49		5.25
	<i>For Up To 100, Add</i>			7.37
	<i>For &gt;500 To 2,000, Deduct</i>			-4.05
	<i>For &gt;2,000, Deduct</i>			-4.99
	<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>			2.12
	<i>For Wrap Around Window Panning, Add</i>			10.60
07 62 13 00-0008	SF 24 Ounce, 0.032" Thick, Copper Flashing And Trim .....	33.78		5.60
	<i>For Up To 100, Add</i>			8.45
	<i>For &gt;500 To 2,000, Deduct</i>			-4.61
	<i>For &gt;2,000, Deduct</i>			-5.75
	<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>			2.22
	<i>For Wrap Around Window Panning, Add</i>			11.11
07 62 13 00-0009	SF 32 Ounce, 0.043" Thick, Copper Flashing And Trim .....	41.88		5.83
	<i>For Up To 100, Add</i>			10.47
	<i>For &gt;500 To 2,000, Deduct</i>			-5.68
	<i>For &gt;2,000, Deduct</i>			-7.19
	<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>			2.33
	<i>For Wrap Around Window Panning, Add</i>			11.66

**07 62 13 00-0010 Copper Coping With Continuous Cleat** (07 62 13 00-0004)

07 62 13 00-0011	LF 4" Width Copper Coping With Continuous Cleat .....	24.81		
07 62 13 00-0012	LF 6" Width Copper Coping With Continuous Cleat .....	26.09		
07 62 13 00-0013	LF 8" Width Copper Coping With Continuous Cleat .....	28.07		
07 62 13 00-0014	LF 10" Width Copper Coping With Continuous Cleat .....	30.03		
07 62 13 00-0015	LF 12" Width Copper Coping With Continuous Cleat .....	31.33		

**07 62 13 00-0016 Stainless Steel Flashing And Trim** (07 62 13)**07 62 13 00-0017 Stainless Steel Flashing And Trim** (07 62 13 00-0016)

07 62 13 00-0018	SF 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim .....	9.77		2.80
	<i>For Up To 100, Add</i>			2.44
	<i>For Wrap Around Window Panning, Add</i>			7.20
	<i>For Mechanically Keyed Flashing, Add</i>			1.03
07 62 13 00-0019	SF 30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim .....	10.52		3.15
	<i>For Up To 100, Add</i>			2.63
	<i>For Wrap Around Window Panning, Add</i>			7.31
	<i>For Mechanically Keyed Flashing, Add</i>			1.28
07 62 13 00-0020	SF 28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim .....	11.28		3.49
	<i>For Up To 100, Add</i>			2.82
	<i>For Wrap Around Window Panning, Add</i>			7.43
	<i>For Mechanically Keyed Flashing, Add</i>			1.54
07 62 13 00-0021	SF 26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim .....	12.48		3.85
	<i>For Up To 100, Add</i>			3.12
	<i>For Wrap Around Window Panning, Add</i>			7.67
	<i>For Mechanically Keyed Flashing, Add</i>			1.92
07 62 13 00-0022	SF 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim .....	14.51		4.08
	<i>For Up To 100, Add</i>			3.63
	<i>For Wrap Around Window Panning, Add</i>			8.10
	<i>For Mechanically Keyed Flashing, Add</i>			2.56
07 62 13 00-0023	SF 22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim .....	15.81		4.29
	<i>For Up To 100, Add</i>			3.95
	<i>For Wrap Around Window Panning, Add</i>			8.57
	<i>For Mechanically Keyed Flashing, Add</i>			2.90
07 62 13 00-0024	SF 20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim .....	16.91		4.55
	<i>For Up To 100, Add</i>			4.23
	<i>For Wrap Around Window Panning, Add</i>			9.07
	<i>For Mechanically Keyed Flashing, Add</i>			3.14

**07 62 13 00-0025 Aluminum Flashing And Trim** (07 62 13)

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0026			<b>Aluminum Flashing And Trim</b> (07 62 13 00-0025)		
07 62 13 00-0027	SF		0.013" Thick, Mill Finish, Aluminum Flashing And Trim .....	12.35	3.61
			For Up To 100, Add .....	3.09	
			For Baked Aluminum Colors, Add .....	0.43	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0028	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim .....	13.29	3.61
			For Up To 100, Add .....	3.32	
			For Baked Aluminum Colors, Add .....	0.53	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0029	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim .....	14.04	3.61
			For Up To 100, Add .....	3.51	
			For Baked Aluminum Colors, Add .....	0.60	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0030	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim .....	15.12	3.61
			For Up To 100, Add .....	3.78	
			For Baked Aluminum Colors, Add .....	0.71	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0031	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim .....	16.63	3.61
			For Up To 100, Add .....	4.16	
			For Baked Aluminum Colors, Add .....	0.86	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0032	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim .....	17.56	3.61
			For Up To 100, Add .....	4.39	
			For Baked Aluminum Colors, Add .....	0.95	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0033	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim .....	18.31	3.61
			For Up To 100, Add .....	4.58	
			For Baked Aluminum Colors, Add .....	1.03	
			For Wrap Around Window Panning, Add .....	8.03	
07 62 13 00-0034			<b>Steel Flashing And Trim</b> (07 62 13)		
07 62 13 00-0035			<b>Galvanized Steel Flashing And Trim</b> (07 62 13 00-0034)		
07 62 13 00-0036	SF		28 Gauge, 0.019" Thick, Galvanized Steel Flashing .....	12.10	3.49
			For Up To 100, Add .....	3.03	
			For Wrap Around Window Panning, Add .....	7.43	
07 62 13 00-0037	SF		26 Gauge, 0.022" Thick, Galvanized Steel Flashing .....	12.59	3.85
			For Up To 100, Add .....	3.15	
			For Wrap Around Window Panning, Add .....	7.67	
07 62 13 00-0038	SF		24 Gauge, 0.028" Thick, Galvanized Steel Flashing .....	13.42	4.08
			For Up To 100, Add .....	3.36	
			For Wrap Around Window Panning, Add .....	8.10	
07 62 13 00-0039	SF		22 Gauge, 0.034" Thick, Galvanized Steel Flashing .....	14.27	4.29
			For Up To 100, Add .....	3.57	
			For Wrap Around Window Panning, Add .....	8.57	
07 62 13 00-0040	SF		20 Gauge, 0.04" Thick, Galvanized Steel Flashing .....	15.45	4.55
			For Up To 100, Add .....	3.86	
			For Wrap Around Window Panning, Add .....	9.07	
07 62 13 00-0041			<b>Galvanized Steel Sheet</b> (07 62 13 00-0034)		
07 62 13 00-0042	SF		26 Gauge Coil-Coated Galvanized Steel Sheet .....	9.06	4.02
07 62 13 00-0043	SF		24 Gauge Coil-Coated Galvanized Steel Sheet .....	9.44	4.02
07 62 13 00-0044	SF		20 Gauge Coil-Coated Galvanized Steel Sheet .....	9.65	4.02
07 62 19			<b>Fabricated Gravel Stops and Fasciae</b> (07 62)		
07 62 19 00-0001			<b>Drip Edge</b> (07 62 19)		
07 62 19 00-0002			<b>Aluminum Drip Edge</b> (07 62 19 00-0001)		
			Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003			<b>KYNAR 500® Finish, Aluminum Drip Edge</b> (07 62 19 00-0002)		
07 62 19 00-0004			<b>0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> (07 62 19 00-0003)		
07 62 19 00-0005	LF		Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	12.46	1.64
07 62 19 00-0006	LF		>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	15.62	1.75
07 62 19 00-0007	LF		>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	17.67	1.96
07 62 19 00-0008	LF		>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	21.34	2.07
07 62 19 00-0009	LF		>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	27.42	2.18
07 62 19 00-0010			<b>0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> (07 62 19 00-0003)		
07 62 19 00-0011	LF		Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	13.37	1.64
07 62 19 00-0012	LF		>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	16.63	1.75
07 62 19 00-0013	LF		>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	19.19	1.96
07 62 19 00-0014	LF		>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	23.16	2.07
07 62 19 00-0015	LF		>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	29.13	2.18
07 62 19 00-0016			<b>0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge</b> (07 62 19 00-0003)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0017 LF Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	14.28	1.64
07 62 19 00-0018 LF >5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	17.84	1.75
07 62 19 00-0019 LF >7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	20.65	1.96
07 62 19 00-0020 LF >9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	24.97	2.07
07 62 19 00-0021 LF >12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	31.55	2.18
<b>07 62 19 00-0022 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)</b>		
07 62 19 00-0023 LF Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	16.10	1.64
07 62 19 00-0024 LF >5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	20.26	1.75
07 62 19 00-0025 LF >7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	23.52	1.96
07 62 19 00-0026 LF >9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	28.60	2.07
07 62 19 00-0027 LF >12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	36.40	2.18
<b>07 62 19 00-0028 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)</b>		
07 62 19 00-0029 LF Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	16.70	1.64
07 62 19 00-0030 LF >5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	21.17	1.75
07 62 19 00-0031 LF >7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	24.48	1.96
07 62 19 00-0032 LF >9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	29.81	2.07
07 62 19 00-0033 LF >12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	38.01	2.18
<b>07 62 19 00-0034 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)</b>		
07 62 19 00-0035 LF Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	18.82	1.64
07 62 19 00-0036 LF >5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	23.89	1.75
07 62 19 00-0037 LF >7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	27.81	1.96
07 62 19 00-0038 LF >9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	34.05	2.07
07 62 19 00-0039 LF >12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	43.66	2.18
<b>07 62 19 00-0040 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)</b>		
07 62 19 00-0041 LF Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	21.85	1.64
07 62 19 00-0042 LF >5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	27.92	1.75
07 62 19 00-0043 LF >7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	32.60	1.96
07 62 19 00-0044 LF >9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	40.10	2.07
07 62 19 00-0045 LF >12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	51.73	2.18
<b>07 62 19 00-0046 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)</b>		
07 62 19 00-0047 LF Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	25.48	1.64
07 62 19 00-0048 LF >5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	32.77	1.75
07 62 19 00-0049 LF >7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	38.35	1.96
07 62 19 00-0050 LF >9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	47.36	2.07
07 62 19 00-0051 LF >12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge .....	61.41	2.18
<b>07 62 19 00-0052 Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)</b>		
<b>07 62 19 00-0053 0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)</b>		
07 62 19 00-0054 LF Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge .....	10.12	1.64
07 62 19 00-0055 LF >5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge .....	12.43	1.75
07 62 19 00-0056 LF >7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge .....	13.98	1.96
07 62 19 00-0057 LF >9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge .....	16.64	2.07
07 62 19 00-0058 LF >12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge .....	20.94	2.18
<b>07 62 19 00-0059 0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)</b>		
07 62 19 00-0060 LF Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge .....	10.74	1.64
07 62 19 00-0061 LF >5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge .....	13.12	1.75
07 62 19 00-0062 LF >7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge .....	15.02	1.96
07 62 19 00-0063 LF >9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge .....	17.90	2.07
07 62 19 00-0064 LF >12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge .....	22.12	2.18
<b>07 62 19 00-0065 0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)</b>		
07 62 19 00-0066 LF Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge .....	11.37	1.64
07 62 19 00-0067 LF >5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge .....	13.96	1.75
07 62 19 00-0068 LF >7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge .....	16.03	1.96
07 62 19 00-0069 LF >9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge .....	19.15	2.07
07 62 19 00-0070 LF >12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge .....	23.79	2.18
<b>07 62 19 00-0071 0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)</b>		
07 62 19 00-0072 LF Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge .....	12.62	1.64
07 62 19 00-0073 LF >5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge .....	15.63	1.75
07 62 19 00-0074 LF >7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge .....	18.01	1.96
07 62 19 00-0075 LF >9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge .....	21.65	2.07
07 62 19 00-0076 LF >12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge .....	27.13	2.18



**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>07 62 19 00-0077</b>	<b>0.040" Thick, Mill Finish, Aluminum Drip Edge</b> (07 62 19 00-0052)		
07 62 19 00-0078	LF Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	13.04	1.64
07 62 19 00-0079	LF >5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	16.25	1.75
07 62 19 00-0080	LF >7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	18.67	1.96
07 62 19 00-0081	LF >9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	22.49	2.07
07 62 19 00-0082	LF >12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	28.24	2.18
<b>07 62 19 00-0083</b>	<b>0.050" Thick, Mill Finish, Aluminum Drip Edge</b> (07 62 19 00-0052)		
07 62 19 00-0084	LF Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	14.50	1.64
07 62 19 00-0085	LF >5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	18.13	1.75
07 62 19 00-0086	LF >7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	20.97	1.96
07 62 19 00-0087	LF >9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	25.41	2.07
07 62 19 00-0088	LF >12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	32.14	2.18
<b>07 62 19 00-0089</b>	<b>0.063" Thick, Mill Finish, Aluminum Drip Edge</b> (07 62 19 00-0052)		
07 62 19 00-0090	LF Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	16.59	1.64
07 62 19 00-0091	LF >5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	20.91	1.75
07 62 19 00-0092	LF >7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	24.27	1.96
07 62 19 00-0093	LF >9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	29.58	2.07
07 62 19 00-0094	LF >12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	37.70	2.18
<b>07 62 19 00-0095</b>	<b>0.080" Thick, Mill Finish, Aluminum Drip Edge</b> (07 62 19 00-0052)		
07 62 19 00-0096	LF Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	19.09	1.64
07 62 19 00-0097	LF >5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	24.25	1.75
07 62 19 00-0098	LF >7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	28.24	1.96
07 62 19 00-0099	LF >9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	34.59	2.07
07 62 19 00-0100	LF >12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	44.38	2.18
<b>07 62 19 00-0101</b>	<b>Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0002)		
<b>07 62 19 00-0102</b>	<b>0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0103	LF Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.92	1.64
07 62 19 00-0104	LF >5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.24	1.75
07 62 19 00-0105	LF >7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.39	1.96
07 62 19 00-0106	LF >9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.25	2.07
07 62 19 00-0107	LF >12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.67	2.18
<b>07 62 19 00-0108</b>	<b>0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0109	LF Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.88	1.64
07 62 19 00-0110	LF >5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.30	1.75
07 62 19 00-0111	LF >7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.99	1.96
07 62 19 00-0112	LF >9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.17	2.07
07 62 19 00-0113	LF >12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.49	2.18
<b>07 62 19 00-0114</b>	<b>0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0115	LF Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.84	1.64
07 62 19 00-0116	LF >5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.59	1.75
07 62 19 00-0117	LF >7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.54	1.96
07 62 19 00-0118	LF >9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	26.10	2.07
07 62 19 00-0119	LF >12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.06	2.18
<b>07 62 19 00-0120</b>	<b>0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0121	LF Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.77	1.64
07 62 19 00-0122	LF >5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.15	1.75
07 62 19 00-0123	LF >7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.59	1.96
07 62 19 00-0124	LF >9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.95	2.07
07 62 19 00-0125	LF >12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	38.19	2.18
<b>07 62 19 00-0126</b>	<b>0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0127	LF Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.41	1.64
07 62 19 00-0128	LF >5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.12	1.75
07 62 19 00-0129	LF >7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.60	1.96
07 62 19 00-0130	LF >9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	31.23	2.07
07 62 19 00-0131	LF >12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.90	2.18
<b>07 62 19 00-0132</b>	<b>0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge</b> (07 62 19 00-0101)		
07 62 19 00-0133	LF Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.65	1.64
07 62 19 00-0134	LF >5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.00	1.75



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0135 LF >7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.13	1.96
07 62 19 00-0136 LF >9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	35.72	2.07
07 62 19 00-0137 LF >12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	45.89	2.18
<b>07 62 19 00-0138 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)</b>		
07 62 19 00-0139 LF Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge .....	22.86	1.64
07 62 19 00-0140 LF >5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.28	1.75
07 62 19 00-0141 LF >7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	34.21	1.96
07 62 19 00-0142 LF >9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	42.13	2.07
07 62 19 00-0143 LF >12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	54.44	2.18
<b>07 62 19 00-0144 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)</b>		
07 62 19 00-0145 LF Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge .....	26.71	1.64
07 62 19 00-0146 LF >5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	34.41	1.75
07 62 19 00-0147 LF >7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	40.30	1.96
07 62 19 00-0148 LF >9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	49.83	2.07
07 62 19 00-0149 LF >12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	64.70	2.18
<b>07 62 19 00-0150 Galvanized Steel Drip Edge (07 62 19 00-0001)</b>		
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
<b>07 62 19 00-0151 Galvanized Steel Drip Edge (07 62 19 00-0150)</b>		
<b>07 62 19 00-0152 26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)</b>		
07 62 19 00-0153 LF Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge .....	11.86	1.64
07 62 19 00-0154 LF >5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	14.67	1.75
07 62 19 00-0155 LF >7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	16.81	1.96
07 62 19 00-0156 LF >9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	20.13	2.07
07 62 19 00-0157 LF >12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	25.10	2.18
<b>07 62 19 00-0158 24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)</b>		
07 62 19 00-0159 LF Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge .....	12.91	1.64
07 62 19 00-0160 LF >5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	16.07	1.75
07 62 19 00-0161 LF >7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	18.46	1.96
07 62 19 00-0162 LF >9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	22.23	2.07
07 62 19 00-0163 LF >12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	27.88	2.18
<b>07 62 19 00-0164 KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)</b>		
<b>07 62 19 00-0165 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)</b>		
07 62 19 00-0166 LF Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	14.99	1.64
07 62 19 00-0167 LF >5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge .....	18.87	1.75
07 62 19 00-0168 LF >7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	21.77	1.96
07 62 19 00-0169 LF >9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	26.40	2.07
07 62 19 00-0170 LF >12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	33.45	2.18
<b>07 62 19 00-0171 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)</b>		
07 62 19 00-0172 LF Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	16.51	1.64
07 62 19 00-0173 LF >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	20.91	1.75
07 62 19 00-0174 LF >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	24.17	1.96
07 62 19 00-0175 LF >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	29.42	2.07
07 62 19 00-0176 LF >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	37.49	2.18
<b>07 62 19 00-0177 Stainless Steel Drip Edge (07 62 19 00-0001)</b>		
Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
<b>07 62 19 00-0178 26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>		
07 62 19 00-0179 LF Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge.....	20.77	1.64
07 62 19 00-0180 LF >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge.....	26.49	1.75
07 62 19 00-0181 LF >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge.....	30.90	1.96
07 62 19 00-0182 LF >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge.....	37.95	2.07
07 62 19 00-0183 LF >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge.....	48.86	2.18
<b>07 62 19 00-0184 24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>		
07 62 19 00-0185 LF Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge.....	25.77	1.64
07 62 19 00-0186 LF >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge.....	33.15	1.75
07 62 19 00-0187 LF >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge.....	38.84	1.96
07 62 19 00-0188 LF >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge.....	47.95	2.07
07 62 19 00-0189 LF >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge.....	62.19	2.18
<b>07 62 19 00-0190 22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)</b>		
07 62 19 00-0191 LF Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge.....	31.65	1.64

**07 Thermal And Moisture Protection****07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 62 19 00-0192	LF	>5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge .....	40.99	1.75
07 62 19 00-0193	LF	>7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge .....	48.14	1.96
07 62 19 00-0194	LF	>9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge .....	59.70	2.07
07 62 19 00-0195	LF	>12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge .....	77.87	2.18

**07 63 Sheet Metal Roofing Specialties** (07 60)

07 63 00 00-0001

**Pitch Pockets** (07 63)

Note: Cut into deck, filled with non-shrink grout, includes blocking.

07 63 00 00-0002

**24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets** (07 63 00 00-0001)

07 63 00 00-0003	EA	4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	93.03	
		<i>For Pourable Sealer Filled, Add</i>	40.23	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	20.13	
07 63 00 00-0004	EA	6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	113.07	
		<i>For Pourable Sealer Filled, Add</i>	90.57	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.41	
07 63 00 00-0005	EA	8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	138.44	
		<i>For Pourable Sealer Filled, Add</i>	160.93	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	80.28	
07 63 00 00-0006	EA	8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	151.97	
		<i>For Pourable Sealer Filled, Add</i>	201.16	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.91	
07 63 00 00-0007	EA	8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	164.91	
		<i>For Pourable Sealer Filled, Add</i>	241.39	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	120.71	
07 63 00 00-0008	SF	24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	194.44	
		<i>For Pourable Sealer Filled, Add</i>	362.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	179.93	

07 63 00 00-0009

**16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets** (07 63 00 00-0001)

07 63 00 00-0010	EA	4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	93.53	
		<i>For Pourable Sealer Filled, Add</i>	40.23	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	20.13	
07 63 00 00-0011	EA	6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	113.27	
		<i>For Pourable Sealer Filled, Add</i>	90.57	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.41	
07 63 00 00-0012	EA	8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	139.22	
		<i>For Pourable Sealer Filled, Add</i>	160.93	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	80.28	
07 63 00 00-0013	EA	8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	155.38	
		<i>For Pourable Sealer Filled, Add</i>	201.16	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.91	
07 63 00 00-0014	EA	8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	168.07	
		<i>For Pourable Sealer Filled, Add</i>	241.39	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	120.71	
07 63 00 00-0015	SF	16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	198.05	
		<i>For Pourable Sealer Filled, Add</i>	362.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	179.93	

07 63 00 00-0016

**24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets** (07 63 00 00-0001)

07 63 00 00-0017	EA	4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	91.57	
		<i>For Pourable Sealer Filled, Add</i>	40.23	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	20.13	
07 63 00 00-0018	EA	6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	110.30	
		<i>For Pourable Sealer Filled, Add</i>	90.57	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.41	
07 63 00 00-0019	EA	8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	130.20	
		<i>For Pourable Sealer Filled, Add</i>	160.93	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	80.28	
07 63 00 00-0020	EA	8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	142.51	
		<i>For Pourable Sealer Filled, Add</i>	201.16	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.91	
07 63 00 00-0021	EA	8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	153.91	
		<i>For Pourable Sealer Filled, Add</i>	241.39	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	120.71	
07 63 00 00-0022	SF	24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	180.71	
		<i>For Pourable Sealer Filled, Add</i>	362.08	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	179.93	

07 63 00 00-0023

**Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout** (07 63 00 00-0001)

Note: Includes removing existing filler and refilling with non-shrink grout.

07 63 00 00-0024	EA	Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....	72.62	
		<i>For Pourable Sealer Filled, Add</i>	40.23	
		<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	20.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0025 EA Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	84.28	
<i>For Pourable Sealer Filled, Add</i>	90.57	
<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	45.41	
07 63 00 00-0026 EA Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	99.87	
<i>For Pourable Sealer Filled, Add</i>	160.93	
<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	80.28	
07 63 00 00-0027 EA Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	109.68	
<i>For Pourable Sealer Filled, Add</i>	201.16	
<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	100.91	
07 63 00 00-0028 EA Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	119.48	
<i>For Pourable Sealer Filled, Add</i>	241.39	
<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	120.71	
07 63 00 00-0029 SF Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	144.57	
<i>For Pourable Sealer Filled, Add</i>	362.08	
<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	179.93	
 <b>07 63 00 00-0030 Lead Pipe Flashing For Roofs <small>(07 63)</small></b>		
Note: Includes 6" skirt base.		
07 63 00 00-0031 EA 1-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....	92.91	30.26
07 63 00 00-0032 EA 1-1/2" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	92.91	30.26
07 63 00 00-0033 EA 2-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	111.06	30.26
07 63 00 00-0034 EA 3-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	121.44	30.26
07 63 00 00-0035 EA 4-1/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe.....	126.62	30.26
07 63 00 00-0036 EA 4-3/4" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	129.22	30.26
07 63 00 00-0037 EA 6-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	155.15	30.26
07 63 00 00-0038 EA 8-7/8" ID x 12" Riser Pipe, 4 Lb. Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	166.82	30.26
 <b>07 63 00 00-0039 Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing <small>(07 63)</small></b>		
07 63 00 00-0040 EA 2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	82.35	19.56
07 63 00 00-0041 EA 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	83.70	19.56
07 63 00 00-0042 EA 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	88.58	19.56
07 63 00 00-0043 EA 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	92.78	19.56
 <b>07 65 Flexible Flashing <small>(07 60)</small></b>		
<b>07 65 16 Modified Bituminous Sheet Flashing <small>(07 65)</small></b>		
07 65 16 00-0001 Liquid Flashing System For Modified And BUR Systems <small>(07 65 16)</small>		
See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002 SF 60 Mil, Urethane Elastomer Liquid Applied Flashing.....	14.86	2.08
Note: Includes applying a 30 mil base coat, rolling in a stichbonded polyester reinforcing scrim and applying a 30 mil second coat.		
 <b>07 65 19 Plastic Sheet Flashing <small>(07 65)</small></b>		
07 65 19 00-0001 Plastic Flashing And Trim <small>(07 65 19)</small>		
07 65 19 00-0002 Neoprene Flashing <small>(07 65 19 00-0001)</small>		
07 65 19 00-0003 60 Mil Thick <small>(07 65 19 00-0002)</small>		
07 65 19 00-0004 LF 6" Wide Strip, 60 Mil, Neoprene Flashing.....	9.44	2.92
07 65 19 00-0005 LF 12" Wide Strip, 60 Mil, Neoprene Flashing.....	12.74	3.14
07 65 19 00-0006 LF 18" Wide Strip, 60 Mil, Neoprene Flashing.....	16.35	3.46
07 65 19 00-0007 LF 24" Wide Strip, 60 Mil, Neoprene Flashing.....	20.16	3.90
 <b>07 65 33 Flexible Roof Boot <small>(07 65)</small></b>		
07 65 33 00-0001 Neoprene Roof Boot <small>(07 65 33)</small>		
07 65 33 00-0002 EA 2" Diameter Pipe, Neoprene Roof Boot.....	52.84	8.99
07 65 33 00-0003 EA 3" Diameter Pipe, Neoprene Roof Boot.....	63.23	10.07
07 65 33 00-0004 EA 4" Diameter Pipe, Neoprene Roof Boot.....	71.13	10.83
 <b>07 70 Roof and Wall Specialties and Accessories <small>(07)</small></b>		
<b>07 71 Roof Specialties <small>(07 70)</small></b>		
<b>07 71 13 Manufactured Copings <small>(07 71)</small></b>		
07 71 13 00-0001 Galvanized Steel Copings <small>(07 71 13)</small>		
07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0001)</small>		
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0003	LF		10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....	34.72	2.35
			<i>For Up To 25 LF, Add</i>	5.04	
			<i>For &gt;25 To 100 LF, Add</i>	2.52	
			<i>For &gt;1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0004	LF		>14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....	36.63	2.55
			<i>For Up To 25 LF, Add</i>	5.36	
			<i>For &gt;25 To 100 LF, Add</i>	2.68	
			<i>For &gt;1,000 LF, Deduct</i>	-0.43	
07 71 13 00-0005	LF		>16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....	41.79	2.68
			<i>For Up To 25 LF, Add</i>	5.97	
			<i>For &gt;25 To 100 LF, Add</i>	2.98	
			<i>For &gt;1,000 LF, Deduct</i>	-0.45	
07 71 13 00-0006	LF		>22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....	48.55	2.94
			<i>For Up To 25 LF, Add</i>	6.82	
			<i>For &gt;25 To 100 LF, Add</i>	3.41	
			<i>For &gt;1,000 LF, Deduct</i>	-0.49	
07 71 13 00-0007	LF		>30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats .....	58.70	3.07
			<i>For Up To 25 LF, Add</i>	7.92	
			<i>For &gt;25 To 100 LF, Add</i>	3.96	
			<i>For &gt;1,000 LF, Deduct</i>	-0.51	
07 71 13 00-0008			<b>Aluminum Copings</b> <small>(07 71 13)</small>		
07 71 13 00-0009			<b>Mill Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0008)</small>		
			Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0010			<b>0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0009)</small>		
07 71 13 00-0011	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	27.54	2.35
			<i>For Up To 25 LF, Add</i>	4.32	
			<i>For &gt;25 To 100 LF, Add</i>	2.16	
			<i>For &gt;1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0012	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	29.40	2.55
			<i>For Up To 25 LF, Add</i>	4.64	
			<i>For &gt;25 To 100 LF, Add</i>	2.32	
			<i>For &gt;1,000 LF, Deduct</i>	-0.43	
07 71 13 00-0013	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	34.28	2.68
			<i>For Up To 25 LF, Add</i>	5.22	
			<i>For &gt;25 To 100 LF, Add</i>	2.61	
			<i>For &gt;1,000 LF, Deduct</i>	-0.45	
07 71 13 00-0014	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	40.94	2.94
			<i>For Up To 25 LF, Add</i>	6.05	
			<i>For &gt;25 To 100 LF, Add</i>	3.03	
			<i>For &gt;1,000 LF, Deduct</i>	-0.49	
07 71 13 00-0015	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	50.91	3.07
			<i>For Up To 25 LF, Add</i>	7.14	
			<i>For &gt;25 To 100 LF, Add</i>	3.57	
			<i>For &gt;1,000 LF, Deduct</i>	-0.51	
07 71 13 00-0016			<b>0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0009)</small>		
07 71 13 00-0017	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	29.90	2.35
			<i>For Up To 25 LF, Add</i>	4.56	
			<i>For &gt;25 To 100 LF, Add</i>	2.28	
			<i>For &gt;1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	31.91	2.55
			<i>For Up To 25 LF, Add</i>	4.89	
			<i>For &gt;25 To 100 LF, Add</i>	2.45	
			<i>For &gt;1,000 LF, Deduct</i>	-0.43	
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	37.27	2.68
			<i>For Up To 25 LF, Add</i>	5.52	
			<i>For &gt;25 To 100 LF, Add</i>	2.76	
			<i>For &gt;1,000 LF, Deduct</i>	-0.45	
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	44.55	2.94
			<i>For Up To 25 LF, Add</i>	6.42	
			<i>For &gt;25 To 100 LF, Add</i>	3.21	
			<i>For &gt;1,000 LF, Deduct</i>	-0.49	
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	55.48	3.07
			<i>For Up To 25 LF, Add</i>	7.60	
			<i>For &gt;25 To 100 LF, Add</i>	3.80	
			<i>For &gt;1,000 LF, Deduct</i>	-0.51	
07 71 13 00-0022			<b>0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats</b> <small>(07 71 13 00-0009)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0023 LF 10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	31.84	2.35
For Up To 25 LF, Add	4.75	
For >25 To 100 LF, Add	2.38	
For >1,000 LF, Deduct	-0.39	
07 71 13 00-0024 LF >14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	34.16	2.55
For Up To 25 LF, Add	5.12	
For >25 To 100 LF, Add	2.56	
For >1,000 LF, Deduct	-0.43	
07 71 13 00-0025 LF >16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	40.97	2.68
For Up To 25 LF, Add	5.89	
For >25 To 100 LF, Add	2.94	
For >1,000 LF, Deduct	-0.45	
07 71 13 00-0026 LF >22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	51.19	2.94
For Up To 25 LF, Add	7.08	
For >25 To 100 LF, Add	3.54	
For >1,000 LF, Deduct	-0.49	
07 71 13 00-0027 LF >30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....	66.23	3.07
For Up To 25 LF, Add	8.67	
For >25 To 100 LF, Add	4.34	
For >1,000 LF, Deduct	-0.51	
<b>07 71 13 00-0028 KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0008)		
Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 13 00-0029 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0028)		
07 71 13 00-0030 LF 10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	38.16	2.35
For Up To 25 LF, Add	5.38	
For >25 To 100 LF, Add	2.69	
For >1,000 LF, Deduct	-0.39	
07 71 13 00-0031 LF >14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	40.71	2.55
For Up To 25 LF, Add	5.77	
For >25 To 100 LF, Add	2.89	
For >1,000 LF, Deduct	-0.43	
07 71 13 00-0032 LF >16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	47.70	2.68
For Up To 25 LF, Add	6.56	
For >25 To 100 LF, Add	3.28	
For >1,000 LF, Deduct	-0.45	
07 71 13 00-0033 LF >22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	57.16	2.94
For Up To 25 LF, Add	7.68	
For >25 To 100 LF, Add	3.84	
For >1,000 LF, Deduct	-0.49	
07 71 13 00-0034 LF >30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	71.51	3.07
For Up To 25 LF, Add	9.20	
For >25 To 100 LF, Add	4.60	
For >1,000 LF, Deduct	-0.51	
<b>07 71 13 00-0035 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats</b> (07 71 13 00-0028)		
07 71 13 00-0036 LF 10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	41.59	2.35
For Up To 25 LF, Add	5.73	
For >25 To 100 LF, Add	2.86	
For >1,000 LF, Deduct	-0.39	
07 71 13 00-0037 LF >14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	44.36	2.55
For Up To 25 LF, Add	6.14	
For >25 To 100 LF, Add	3.07	
For >1,000 LF, Deduct	-0.43	
07 71 13 00-0038 LF >16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	52.02	2.68
For Up To 25 LF, Add	6.99	
For >25 To 100 LF, Add	3.50	
For >1,000 LF, Deduct	-0.45	
07 71 13 00-0039 LF >22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	62.39	2.94
For Up To 25 LF, Add	8.20	
For >25 To 100 LF, Add	4.10	
For >1,000 LF, Deduct	-0.49	
07 71 13 00-0040 LF >30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	78.15	3.07
For Up To 25 LF, Add	9.86	
For >25 To 100 LF, Add	4.93	
For >1,000 LF, Deduct	-0.51	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 71 13 00-0041	0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0042	LF 10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	44.40	2.35
	For Up To 25 LF, Add .....	6.01	
	For >25 To 100 LF, Add .....	3.00	
	For >1,000 LF, Deduct .....	-0.39	
07 71 13 00-0043	LF >14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	47.62	2.55
	For Up To 25 LF, Add .....	6.46	
	For >25 To 100 LF, Add .....	3.23	
	For >1,000 LF, Deduct .....	-0.43	
07 71 13 00-0044	LF >16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	57.40	2.68
	For Up To 25 LF, Add .....	7.53	
	For >25 To 100 LF, Add .....	3.76	
	For >1,000 LF, Deduct .....	-0.45	
07 71 13 00-0045	LF >22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	72.02	2.94
	For Up To 25 LF, Add .....	9.16	
	For >25 To 100 LF, Add .....	4.58	
	For >1,000 LF, Deduct .....	-0.49	
07 71 13 00-0046	LF >30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....	93.74	3.07
	For Up To 25 LF, Add .....	11.42	
	For >25 To 100 LF, Add .....	5.71	
	For >1,000 LF, Deduct .....	-0.51	
07 71 13 00-0047	Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
	Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0048	0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0049	LF 10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	40.22	2.35
	For Up To 25 LF, Add .....	5.59	
	For >25 To 100 LF, Add .....	2.80	
	For >1,000 LF, Deduct .....	-0.39	
07 71 13 00-0050	LF >14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	42.90	2.55
	For Up To 25 LF, Add .....	5.99	
	For >25 To 100 LF, Add .....	3.00	
	For >1,000 LF, Deduct .....	-0.43	
07 71 13 00-0051	LF >16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	50.29	2.68
	For Up To 25 LF, Add .....	6.82	
	For >25 To 100 LF, Add .....	3.41	
	For >1,000 LF, Deduct .....	-0.45	
07 71 13 00-0052	LF >22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	60.30	2.94
	For Up To 25 LF, Add .....	7.99	
	For >25 To 100 LF, Add .....	4.00	
	For >1,000 LF, Deduct .....	-0.49	
07 71 13 00-0053	LF >30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	75.49	3.07
	For Up To 25 LF, Add .....	9.60	
	For >25 To 100 LF, Add .....	4.80	
	For >1,000 LF, Deduct .....	-0.51	
07 71 13 00-0054	0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0055	LF 10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	43.85	2.35
	For Up To 25 LF, Add .....	5.95	
	For >25 To 100 LF, Add .....	2.98	
	For >1,000 LF, Deduct .....	-0.39	
07 71 13 00-0056	LF >14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	46.77	2.55
	For Up To 25 LF, Add .....	6.38	
	For >25 To 100 LF, Add .....	3.19	
	For >1,000 LF, Deduct .....	-0.43	
07 71 13 00-0057	LF >16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	54.88	2.68
	For Up To 25 LF, Add .....	7.28	
	For >25 To 100 LF, Add .....	3.64	
	For >1,000 LF, Deduct .....	-0.45	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
07 71 13 00-0058 LF >22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	65.84	2.94
<i>For Up To 25 LF, Add</i>	8.54	
<i>For &gt;25 To 100 LF, Add</i>	4.27	
<i>For &gt;1,000 LF, Deduct</i>	-0.49	
07 71 13 00-0059 LF >30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	82.53	3.07
<i>For Up To 25 LF, Add</i>	10.30	
<i>For &gt;25 To 100 LF, Add</i>	5.15	
<i>For &gt;1,000 LF, Deduct</i>	-0.51	
<b>07 71 13 00-0060 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)</b>		
07 71 13 00-0061 LF 10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	46.83	2.35
<i>For Up To 25 LF, Add</i>	6.25	
<i>For &gt;25 To 100 LF, Add</i>	3.13	
<i>For &gt;1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0062 LF >14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	50.22	2.55
<i>For Up To 25 LF, Add</i>	6.72	
<i>For &gt;25 To 100 LF, Add</i>	3.36	
<i>For &gt;1,000 LF, Deduct</i>	-0.43	
07 71 13 00-0063 LF >16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	60.57	2.68
<i>For Up To 25 LF, Add</i>	7.85	
<i>For &gt;25 To 100 LF, Add</i>	3.92	
<i>For &gt;1,000 LF, Deduct</i>	-0.45	
07 71 13 00-0064 LF >22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	76.05	2.94
<i>For Up To 25 LF, Add</i>	9.57	
<i>For &gt;25 To 100 LF, Add</i>	4.78	
<i>For &gt;1,000 LF, Deduct</i>	-0.49	
07 71 13 00-0065 LF >30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats .....	99.05	3.07
<i>For Up To 25 LF, Add</i>	11.95	
<i>For &gt;25 To 100 LF, Add</i>	5.98	
<i>For &gt;1,000 LF, Deduct</i>	-0.51	
<b>07 71 13 00-0066 Removal And Reinstallation Of Metal Coping (07 71 13)</b>		
07 71 13 00-0067 LF Removal And Reinstallation Of Metal Coping .....	8.24	
<i>For Up To 25 LF, Add</i>	4.12	
<i>For &gt;25 To 100 LF, Add</i>	2.06	
<i>For &gt;1,000 LF, Deduct</i>	-0.82	
<b>07 71 19 Manufactured Gravel Stops and Fasciae (07 71)</b>		
07 71 19 00-0001 Gravel Stop (07 71 19)		
07 71 19 00-0002 Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003 Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004 KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006 LF 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop .....	39.53	1.85
<i>For Up To 25 LF, Add</i>	6.13	
<i>For &gt;25 To 100 LF, Add</i>	3.07	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0007 LF >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop .....	40.78	2.18
<i>For Up To 25 LF, Add</i>	6.65	
<i>For &gt;25 To 100 LF, Add</i>	3.33	
<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0008 LF >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop .....	42.09	2.39
<i>For Up To 25 LF, Add</i>	7.13	
<i>For &gt;25 To 100 LF, Add</i>	3.56	
<i>For &gt;1,000 LF, Deduct</i>	-0.73	
07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010 LF 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop .....	42.04	1.85
<i>For Up To 25 LF, Add</i>	6.38	
<i>For &gt;25 To 100 LF, Add</i>	3.19	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0011 LF >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop .....	43.40	2.18
<i>For Up To 25 LF, Add</i>	6.91	
<i>For &gt;25 To 100 LF, Add</i>	3.46	
<i>For &gt;1,000 LF, Deduct</i>	-0.64	

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	44.85	2.39
			<i>For Up To 25 LF, Add</i>	7.40	
			<i>For &gt;25 To 100 LF, Add</i>	3.70	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0013</b>			<b>0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop</b> (07 71 19 00-0004)		
07 71 19 00-0014	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	45.31	1.85
			<i>For Up To 25 LF, Add</i>	6.71	
			<i>For &gt;25 To 100 LF, Add</i>	3.36	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0015	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	46.53	2.18
			<i>For Up To 25 LF, Add</i>	7.23	
			<i>For &gt;25 To 100 LF, Add</i>	3.61	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0016	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	48.33	2.39
			<i>For Up To 25 LF, Add</i>	7.75	
			<i>For &gt;25 To 100 LF, Add</i>	3.87	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0017</b>			<b>0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop</b> (07 71 19 00-0004)		
07 71 19 00-0018	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	47.53	1.85
			<i>For Up To 25 LF, Add</i>	6.93	
			<i>For &gt;25 To 100 LF, Add</i>	3.47	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0019	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	48.83	2.18
			<i>For Up To 25 LF, Add</i>	7.46	
			<i>For &gt;25 To 100 LF, Add</i>	3.73	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0020	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	50.77	2.39
			<i>For Up To 25 LF, Add</i>	7.99	
			<i>For &gt;25 To 100 LF, Add</i>	4.00	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0021</b>			<b>Mill Finish, Aluminum Gravel Stop</b> (07 71 19 00-0003)		
<b>07 71 19 00-0022</b>			<b>0.032" Thick, Mill Finish, Aluminum Gravel Stop</b> (07 71 19 00-0021)		
07 71 19 00-0023	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	25.62	1.85
			<i>For Up To 25 LF, Add</i>	4.74	
			<i>For &gt;25 To 100 LF, Add</i>	2.37	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0024	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	27.58	2.18
			<i>For Up To 25 LF, Add</i>	5.33	
			<i>For &gt;25 To 100 LF, Add</i>	2.67	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0025	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	29.55	2.39
			<i>For Up To 25 LF, Add</i>	5.87	
			<i>For &gt;25 To 100 LF, Add</i>	2.94	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0026</b>			<b>0.040" Thick, Mill Finish, Aluminum Gravel Stop</b> (07 71 19 00-0021)		
07 71 19 00-0027	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	27.71	1.85
			<i>For Up To 25 LF, Add</i>	4.95	
			<i>For &gt;25 To 100 LF, Add</i>	2.48	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0028	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	29.39	2.18
			<i>For Up To 25 LF, Add</i>	5.51	
			<i>For &gt;25 To 100 LF, Add</i>	2.76	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0029	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	30.94	2.39
			<i>For Up To 25 LF, Add</i>	6.01	
			<i>For &gt;25 To 100 LF, Add</i>	3.01	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0030</b>			<b>0.050" Thick, Mill Finish, Aluminum Gravel Stop</b> (07 71 19 00-0021)		
07 71 19 00-0031	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	29.80	1.85
			<i>For Up To 25 LF, Add</i>	5.16	
			<i>For &gt;25 To 100 LF, Add</i>	2.58	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0032	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	31.47	2.18
			<i>For Up To 25 LF, Add</i>	5.72	
			<i>For &gt;25 To 100 LF, Add</i>	2.86	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0033	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop.....	33.20	2.39
			<i>For Up To 25 LF, Add</i>	6.24	
			<i>For &gt;25 To 100 LF, Add</i>	3.12	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0034</b>			<b>0.063" Thick, Mill Finish, Aluminum Gravel Stop</b> (07 71 19 00-0021)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0035 LF 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....	32.06	1.85
For Up To 25 LF, Add	5.39	
For >25 To 100 LF, Add	2.69	
For >1,000 LF, Deduct	-0.55	
07 71 19 00-0036 LF >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....	33.56	2.18
For Up To 25 LF, Add	5.93	
For >25 To 100 LF, Add	2.96	
For >1,000 LF, Deduct	-0.64	
07 71 19 00-0037 LF >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop .....	34.88	2.39
For Up To 25 LF, Add	6.40	
For >25 To 100 LF, Add	3.20	
For >1,000 LF, Deduct	-0.73	
<b>07 71 19 00-0038 Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)</b>		
<b>07 71 19 00-0039 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)</b>		
07 71 19 00-0040 LF 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	47.25	1.85
For Up To 25 LF, Add	6.91	
For >25 To 100 LF, Add	3.45	
For >1,000 LF, Deduct	-0.55	
07 71 19 00-0041 LF >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	48.84	2.18
For Up To 25 LF, Add	7.46	
For >25 To 100 LF, Add	3.73	
For >1,000 LF, Deduct	-0.64	
07 71 19 00-0042 LF >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	50.26	2.39
For Up To 25 LF, Add	7.94	
For >25 To 100 LF, Add	3.97	
For >1,000 LF, Deduct	-0.73	
<b>07 71 19 00-0043 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)</b>		
07 71 19 00-0044 LF 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	50.26	1.85
For Up To 25 LF, Add	7.21	
For >25 To 100 LF, Add	3.60	
For >1,000 LF, Deduct	-0.55	
07 71 19 00-0045 LF >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	51.98	2.18
For Up To 25 LF, Add	7.77	
For >25 To 100 LF, Add	3.89	
For >1,000 LF, Deduct	-0.64	
07 71 19 00-0046 LF >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	53.55	2.39
For Up To 25 LF, Add	8.27	
For >25 To 100 LF, Add	4.14	
For >1,000 LF, Deduct	-0.73	
<b>07 71 19 00-0047 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)</b>		
07 71 19 00-0048 LF 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	54.18	1.85
For Up To 25 LF, Add	7.60	
For >25 To 100 LF, Add	3.80	
For >1,000 LF, Deduct	-0.55	
07 71 19 00-0049 LF >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	55.74	2.18
For Up To 25 LF, Add	8.15	
For >25 To 100 LF, Add	4.07	
For >1,000 LF, Deduct	-0.64	
07 71 19 00-0050 LF >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	57.03	2.39
For Up To 25 LF, Add	8.62	
For >25 To 100 LF, Add	4.31	
For >1,000 LF, Deduct	-0.73	
<b>07 71 19 00-0051 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)</b>		
07 71 19 00-0052 LF 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	56.85	1.85
For Up To 25 LF, Add	7.87	
For >25 To 100 LF, Add	3.93	
For >1,000 LF, Deduct	-0.55	
07 71 19 00-0053 LF >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	58.50	2.18
For Up To 25 LF, Add	8.42	
For >25 To 100 LF, Add	4.21	
For >1,000 LF, Deduct	-0.64	
07 71 19 00-0054 LF >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop .....	59.90	2.39
For Up To 25 LF, Add	8.91	
For >25 To 100 LF, Add	4.45	
For >1,000 LF, Deduct	-0.73	
<b>07 71 19 00-0055 Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0002)</b>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0056 KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)</b>		
<b>07 71 19 00-0057 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)</b>		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0058	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....44.59	44.59	1.96
			<i>For Up To 25 LF, Add</i>	6.86	
			<i>For &gt;25 To 100 LF, Add</i>	3.43	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0059	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....47.35	47.35	2.34
			<i>For Up To 25 LF, Add</i>	7.57	
			<i>For &gt;25 To 100 LF, Add</i>	3.78	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0060	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....50.52	50.52	2.67
			<i>For Up To 25 LF, Add</i>	8.28	
			<i>For &gt;25 To 100 LF, Add</i>	4.14	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
07 71 19 00-0061			<b>0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)		
07 71 19 00-0062	LF		4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....47.10	47.10	1.96
			<i>For Up To 25 LF, Add</i>	7.11	
			<i>For &gt;25 To 100 LF, Add</i>	3.55	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0063	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....49.96	49.96	2.34
			<i>For Up To 25 LF, Add</i>	7.83	
			<i>For &gt;25 To 100 LF, Add</i>	3.91	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0064	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....53.28	53.28	2.67
			<i>For Up To 25 LF, Add</i>	8.55	
			<i>For &gt;25 To 100 LF, Add</i>	4.28	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
07 71 19 00-0065			<b>0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)		
07 71 19 00-0066	LF		4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....50.37	50.37	1.96
			<i>For Up To 25 LF, Add</i>	7.43	
			<i>For &gt;25 To 100 LF, Add</i>	3.72	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0067	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....53.10	53.10	2.34
			<i>For Up To 25 LF, Add</i>	8.14	
			<i>For &gt;25 To 100 LF, Add</i>	4.07	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0068	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....56.75	56.75	2.67
			<i>For Up To 25 LF, Add</i>	8.90	
			<i>For &gt;25 To 100 LF, Add</i>	4.45	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
07 71 19 00-0069			<b>0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0056)		
07 71 19 00-0070	LF		4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....52.59	52.59	1.96
			<i>For Up To 25 LF, Add</i>	7.66	
			<i>For &gt;25 To 100 LF, Add</i>	3.83	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0071	LF		>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....55.40	55.40	2.34
			<i>For Up To 25 LF, Add</i>	8.37	
			<i>For &gt;25 To 100 LF, Add</i>	4.19	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat .....59.19	59.19	2.67
			<i>For Up To 25 LF, Add</i>	9.14	
			<i>For &gt;25 To 100 LF, Add</i>	4.57	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
07 71 19 00-0073			<b>Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0055)		
07 71 19 00-0074			<b>0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> (07 71 19 00-0073)		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....32.61	32.61	1.96
			<i>For Up To 25 LF, Add</i>	5.66	
			<i>For &gt;25 To 100 LF, Add</i>	2.83	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat .....34.85	34.85	2.34
			<i>For Up To 25 LF, Add</i>	6.32	
			<i>For &gt;25 To 100 LF, Add</i>	3.16	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0077 LF >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	37.45	2.67
For Up To 25 LF, Add	6.97	
For >25 To 100 LF, Add	3.48	
For >1,000 LF, Deduct	-0.81	
<b>07 71 19 00-0078 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0073)</sup>		
07 71 19 00-0079 LF 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	34.34	1.96
For Up To 25 LF, Add	5.83	
For >25 To 100 LF, Add	2.92	
For >1,000 LF, Deduct	-0.60	
07 71 19 00-0080 LF >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	36.66	2.34
For Up To 25 LF, Add	6.50	
For >25 To 100 LF, Add	3.25	
For >1,000 LF, Deduct	-0.71	
07 71 19 00-0081 LF >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	39.36	2.67
For Up To 25 LF, Add	7.16	
For >25 To 100 LF, Add	3.58	
For >1,000 LF, Deduct	-0.81	
<b>07 71 19 00-0082 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0073)</sup>		
07 71 19 00-0083 LF 4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	36.60	1.96
For Up To 25 LF, Add	6.06	
For >25 To 100 LF, Add	3.03	
For >1,000 LF, Deduct	-0.60	
07 71 19 00-0084 LF >6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.81	2.34
For Up To 25 LF, Add	6.71	
For >25 To 100 LF, Add	3.36	
For >1,000 LF, Deduct	-0.71	
07 71 19 00-0085 LF >10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	41.62	2.67
For Up To 25 LF, Add	7.39	
For >25 To 100 LF, Add	3.69	
For >1,000 LF, Deduct	-0.81	
<b>07 71 19 00-0086 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0073)</sup>		
07 71 19 00-0087 LF 4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.13	1.96
For Up To 25 LF, Add	6.21	
For >25 To 100 LF, Add	3.10	
For >1,000 LF, Deduct	-0.60	
07 71 19 00-0088 LF >6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.40	2.34
For Up To 25 LF, Add	6.87	
For >25 To 100 LF, Add	3.44	
For >1,000 LF, Deduct	-0.71	
07 71 19 00-0089 LF >10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	43.30	2.67
For Up To 25 LF, Add	7.55	
For >25 To 100 LF, Add	3.78	
For >1,000 LF, Deduct	-0.81	
<b>07 71 19 00-0090 Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0055)</sup>		
<b>07 71 19 00-0091 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0090)</sup>		
07 71 19 00-0092 LF 4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	52.31	1.96
For Up To 25 LF, Add	7.63	
For >25 To 100 LF, Add	3.81	
For >1,000 LF, Deduct	-0.60	
07 71 19 00-0093 LF >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	55.40	2.34
For Up To 25 LF, Add	8.37	
For >25 To 100 LF, Add	4.19	
For >1,000 LF, Deduct	-0.71	
07 71 19 00-0094 LF >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	58.68	2.67
For Up To 25 LF, Add	9.09	
For >25 To 100 LF, Add	4.55	
For >1,000 LF, Deduct	-0.81	
<b>07 71 19 00-0095 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat</b> <sup>(07 71 19 00-0090)</sup>		
07 71 19 00-0096 LF 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	55.32	1.96
For Up To 25 LF, Add	7.93	
For >25 To 100 LF, Add	3.96	
For >1,000 LF, Deduct	-0.60	



<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	58.54	2.34
			<i>For Up To 25 LF, Add</i>	8.69	
			<i>For &gt;25 To 100 LF, Add</i>	4.34	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	61.97	2.67
			<i>For Up To 25 LF, Add</i>	9.42	
			<i>For &gt;25 To 100 LF, Add</i>	4.71	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0099</b>			<b>0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)</b>		
07 71 19 00-0100	LF		4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	59.25	1.96
			<i>For Up To 25 LF, Add</i>	8.32	
			<i>For &gt;25 To 100 LF, Add</i>	4.16	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	62.30	2.34
			<i>For Up To 25 LF, Add</i>	9.06	
			<i>For &gt;25 To 100 LF, Add</i>	4.53	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	65.45	2.67
			<i>For Up To 25 LF, Add</i>	9.77	
			<i>For &gt;25 To 100 LF, Add</i>	4.88	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0103</b>			<b>0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)</b>		
07 71 19 00-0104	LF		4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	61.91	1.96
			<i>For Up To 25 LF, Add</i>	8.59	
			<i>For &gt;25 To 100 LF, Add</i>	4.29	
			<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0105	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	65.06	2.34
			<i>For Up To 25 LF, Add</i>	9.34	
			<i>For &gt;25 To 100 LF, Add</i>	4.67	
			<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0106	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	68.32	2.67
			<i>For Up To 25 LF, Add</i>	10.06	
			<i>For &gt;25 To 100 LF, Add</i>	5.03	
			<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0107</b>			<b>Stainless Steel Gravel Stop (07 71 19 00-0001)</b>		
<b>07 71 19 00-0108</b>			<b>Stainless Steel Gravel Stop (07 71 19 00-0107)</b>		
<b>07 71 19 00-0109</b>			<b>26 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)</b>		
07 71 19 00-0110	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	37.88	1.85
			<i>For Up To 25 LF, Add</i>	5.97	
			<i>For &gt;25 To 100 LF, Add</i>	2.98	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0111	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	49.83	2.18
			<i>For Up To 25 LF, Add</i>	7.56	
			<i>For &gt;25 To 100 LF, Add</i>	3.78	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0112	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	74.11	2.39
			<i>For Up To 25 LF, Add</i>	10.33	
			<i>For &gt;25 To 100 LF, Add</i>	5.16	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0113</b>			<b>24 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)</b>		
07 71 19 00-0114	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	47.28	1.85
			<i>For Up To 25 LF, Add</i>	6.91	
			<i>For &gt;25 To 100 LF, Add</i>	3.45	
			<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	62.37	2.18
			<i>For Up To 25 LF, Add</i>	8.81	
			<i>For &gt;25 To 100 LF, Add</i>	4.40	
			<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	92.92	2.39
			<i>For Up To 25 LF, Add</i>	12.21	
			<i>For &gt;25 To 100 LF, Add</i>	6.10	
			<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0117</b>			<b>22 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0118 LF 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	57.28	1.85
<i>For Up To 25 LF, Add</i>	7.91	
<i>For &gt;25 To 100 LF, Add</i>	3.95	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0119 LF >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop .....	75.70	2.18
<i>For Up To 25 LF, Add</i>	10.14	
<i>For &gt;25 To 100 LF, Add</i>	5.07	
<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0120 LF >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop .....	112.91	2.39
<i>For Up To 25 LF, Add</i>	14.21	
<i>For &gt;25 To 100 LF, Add</i>	7.10	
<i>For &gt;1,000 LF, Deduct</i>	-0.73	
<b>07 71 19 00-0121 Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0107)</small>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0122 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		
07 71 19 00-0123 LF 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	44.79	1.96
<i>For Up To 25 LF, Add</i>	6.88	
<i>For &gt;25 To 100 LF, Add</i>	3.44	
<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0124 LF >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	58.81	2.34
<i>For Up To 25 LF, Add</i>	8.71	
<i>For &gt;25 To 100 LF, Add</i>	4.36	
<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0125 LF >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	85.66	2.67
<i>For Up To 25 LF, Add</i>	11.79	
<i>For &gt;25 To 100 LF, Add</i>	5.90	
<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0126 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		
07 71 19 00-0127 LF 4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	54.19	1.96
<i>For Up To 25 LF, Add</i>	7.82	
<i>For &gt;25 To 100 LF, Add</i>	3.91	
<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0128 LF >6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	71.35	2.34
<i>For Up To 25 LF, Add</i>	9.97	
<i>For &gt;25 To 100 LF, Add</i>	4.98	
<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0129 LF >10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	104.47	2.67
<i>For Up To 25 LF, Add</i>	13.67	
<i>For &gt;25 To 100 LF, Add</i>	6.84	
<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0130 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat</b> <small>(07 71 19 00-0121)</small>		
07 71 19 00-0131 LF 4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat .....	64.19	1.96
<i>For Up To 25 LF, Add</i>	8.82	
<i>For &gt;25 To 100 LF, Add</i>	4.41	
<i>For &gt;1,000 LF, Deduct</i>	-0.60	
07 71 19 00-0132 LF >6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	84.68	2.34
<i>For Up To 25 LF, Add</i>	11.30	
<i>For &gt;25 To 100 LF, Add</i>	5.65	
<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0133 LF >10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	124.45	2.67
<i>For Up To 25 LF, Add</i>	15.67	
<i>For &gt;25 To 100 LF, Add</i>	7.83	
<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0134 Galvanized Steel Gravel Stop</b> <small>(07 71 19 00-0001)</small>		
<b>07 71 19 00-0135 Galvanized Steel Gravel Stop</b> <small>(07 71 19 00-0134)</small>		
<b>07 71 19 00-0136 KYNAR 500® Finish, Galvanized Steel Gravel Stop</b> <small>(07 71 19 00-0135)</small>		
<b>07 71 19 00-0137 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop</b> <small>(07 71 19 00-0136)</small>		
07 71 19 00-0138 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	36.23	1.85
<i>For Up To 25 LF, Add</i>	5.80	
<i>For &gt;25 To 100 LF, Add</i>	2.90	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0139 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	37.43	2.18
<i>For Up To 25 LF, Add</i>	6.32	
<i>For &gt;25 To 100 LF, Add</i>	3.16	
<i>For &gt;1,000 LF, Deduct</i>	-0.64	
07 71 19 00-0140 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	38.90	2.39
<i>For Up To 25 LF, Add</i>	6.81	
<i>For &gt;25 To 100 LF, Add</i>	3.40	
<i>For &gt;1,000 LF, Deduct</i>	-0.73	

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 71 19 00-0141	Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0134) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0142	KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0141)		
07 71 19 00-0143	24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0142)		
07 71 19 00-0144	LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	41.44	1.96
	For Up To 25 LF, Add	6.54	
	For >25 To 100 LF, Add	3.27	
	For >1,000 LF, Deduct	-0.60	
07 71 19 00-0145	LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	44.18	2.34
	For Up To 25 LF, Add	7.25	
	For >25 To 100 LF, Add	3.63	
	For >1,000 LF, Deduct	-0.71	
07 71 19 00-0146	LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	47.57	2.67
	For Up To 25 LF, Add	7.98	
	For >25 To 100 LF, Add	3.99	
	For >1,000 LF, Deduct	-0.81	
07 71 19 00-0147	Copper Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0148	Copper Gravel Stop (07 71 19 00-0147)		
07 71 19 00-0149	20 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0150	LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop.....	60.95	1.85
	For Up To 25 LF, Add	8.28	
	For >25 To 100 LF, Add	4.14	
	For >1,000 LF, Deduct	-0.55	
07 71 19 00-0151	LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop.....	69.77	2.18
	For Up To 25 LF, Add	9.55	
	For >25 To 100 LF, Add	4.77	
	For >1,000 LF, Deduct	-0.64	
07 71 19 00-0152	LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop.....	80.61	2.39
	For Up To 25 LF, Add	10.98	
	For >25 To 100 LF, Add	5.49	
	For >1,000 LF, Deduct	-0.73	
07 71 19 00-0153	16 Ounce, Copper Gravel Stop (07 71 19 00-0148)		
07 71 19 00-0154	LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop.....	74.12	1.85
	For Up To 25 LF, Add	9.59	
	For >25 To 100 LF, Add	4.80	
	For >1,000 LF, Deduct	-0.55	
07 71 19 00-0155	LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....	85.86	2.18
	For Up To 25 LF, Add	11.16	
	For >25 To 100 LF, Add	5.58	
	For >1,000 LF, Deduct	-0.64	
07 71 19 00-0156	LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....	98.16	2.39
	For Up To 25 LF, Add	12.73	
	For >25 To 100 LF, Add	6.37	
	For >1,000 LF, Deduct	-0.73	
07 71 19 00-0157	Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0158	20 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0159	LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	63.39	1.96
	For Up To 25 LF, Add	8.74	
	For >25 To 100 LF, Add	4.37	
	For >1,000 LF, Deduct	-0.60	
07 71 19 00-0160	LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	72.91	2.34
	For Up To 25 LF, Add	10.12	
	For >25 To 100 LF, Add	5.06	
	For >1,000 LF, Deduct	-0.71	
07 71 19 00-0161	LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	84.60	2.67
	For Up To 25 LF, Add	11.68	
	For >25 To 100 LF, Add	5.84	
	For >1,000 LF, Deduct	-0.81	
07 71 19 00-0162	16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163	LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	76.56	1.96
	For Up To 25 LF, Add	10.05	
	For >25 To 100 LF, Add	5.03	
	For >1,000 LF, Deduct	-0.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0164 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	89.00	2.34
<i>For Up To 25 LF, Add</i>	11.73	
<i>For &gt;25 To 100 LF, Add</i>	5.87	
<i>For &gt;1,000 LF, Deduct</i>	-0.71	
07 71 19 00-0165 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	102.15	2.67
<i>For Up To 25 LF, Add</i>	13.44	
<i>For &gt;25 To 100 LF, Add</i>	6.72	
<i>For &gt;1,000 LF, Deduct</i>	-0.81	
<b>07 71 19 00-0166 Fascia</b> <small>(07 71 19)</small>		
<b>07 71 19 00-0167 Snap-On Cover Fascia</b> <small>(07 71 19 00-0166)</small>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
<b>07 71 19 00-0168 Galvanized Steel Snap-On Cover Fascia</b> <small>(07 71 19 00-0167)</small>		
<b>07 71 19 00-0169 KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia</b> <small>(07 71 19 00-0168)</small>		
<b>07 71 19 00-0170 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia</b> <small>(07 71 19 00-0169)</small>		
07 71 19 00-0171 LF 3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	44.40	2.73
<i>For Up To 25 LF, Add</i>	6.62	
<i>For &gt;25 To 100 LF, Add</i>	3.31	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0172 LF >5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	50.00	2.83
<i>For Up To 25 LF, Add</i>	7.27	
<i>For &gt;25 To 100 LF, Add</i>	3.63	
<i>For &gt;1,000 LF, Deduct</i>	-0.57	
07 71 19 00-0173 LF >7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat.....	53.56	2.94
<i>For Up To 25 LF, Add</i>	7.71	
<i>For &gt;25 To 100 LF, Add</i>	3.85	
<i>For &gt;1,000 LF, Deduct</i>	-0.59	
<b>07 71 19 00-0174 Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems</b> <small>(07 71 19 00-0169)</small>		
<b>07 71 19 00-0175 Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems</b> <small>(07 71 19 00-0174)</small>		
07 71 19 00-0176 EA Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	312.03	3.81
07 71 19 00-0177 EA Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	333.32	3.81
07 71 19 00-0178 EA Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	346.70	3.81
<b>07 71 19 00-0179 Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems</b> <small>(07 71 19 00-0174)</small>		
07 71 19 00-0180 EA Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	254.04	3.81
07 71 19 00-0181 EA Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	264.79	3.81
07 71 19 00-0182 EA Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems.....	271.33	3.81
<b>07 71 19 00-0183 Aluminum Snap-On Cover Fascia</b> <small>(07 71 19 00-0167)</small>		
<b>07 71 19 00-0184 KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat</b> <small>(07 71 19 00-0183)</small>		
<b>07 71 19 00-0185 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat</b> <small>(07 71 19 00-0184)</small>		
07 71 19 00-0186 LF 3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	25.37	2.73
<i>For Up To 25 LF, Add</i>	4.72	
<i>For &gt;25 To 100 LF, Add</i>	2.36	
<i>For &gt;1,000 LF, Deduct</i>	-0.55	
07 71 19 00-0187 LF >5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.73	2.83
<i>For Up To 25 LF, Add</i>	5.14	
<i>For &gt;25 To 100 LF, Add</i>	2.57	
<i>For &gt;1,000 LF, Deduct</i>	-0.57	
07 71 19 00-0188 LF >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.49	2.94
<i>For Up To 25 LF, Add</i>	5.40	
<i>For &gt;25 To 100 LF, Add</i>	2.70	
<i>For &gt;1,000 LF, Deduct</i>	-0.59	
<b>07 71 19 00-0189 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat</b> <small>(07 71 19 00-0184)</small>		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0190	LF		3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	26.67	2.73
			<i>For Up To 25 LF, Add</i> .....	4.85	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.42	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.55	
07 71 19 00-0191	LF		>5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.41	2.83
			<i>For Up To 25 LF, Add</i> .....	5.31	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.65	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.57	
07 71 19 00-0192	LF		>7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	32.37	2.94
			<i>For Up To 25 LF, Add</i> .....	5.59	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.79	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.59	
07 71 19 00-0193			Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194			Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195	EA		Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	166.15	3.81
07 71 19 00-0196	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	180.23	3.81
07 71 19 00-0197	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	186.39	3.81
07 71 19 00-0198			Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199	EA		Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	131.45	3.81
07 71 19 00-0200	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	138.46	3.81
07 71 19 00-0201	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	141.53	3.81
07 71 19 00-0202			Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203			0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204	LF		3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	29.35	2.73
			<i>For Up To 25 LF, Add</i> .....	5.12	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.56	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.55	
07 71 19 00-0205	LF		>5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	33.35	2.83
			<i>For Up To 25 LF, Add</i> .....	5.60	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.80	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.57	
07 71 19 00-0206	LF		>7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	35.41	2.94
			<i>For Up To 25 LF, Add</i> .....	5.89	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.95	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.59	
07 71 19 00-0207			0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208	LF		3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.92	2.73
			<i>For Up To 25 LF, Add</i> .....	5.27	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.64	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.55	
07 71 19 00-0209	LF		>5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	35.35	2.83
			<i>For Up To 25 LF, Add</i> .....	5.80	
			<i>For &gt;25 To 100 LF, Add</i> .....	2.90	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.57	
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	37.66	2.94
			<i>For Up To 25 LF, Add</i> .....	6.12	
			<i>For &gt;25 To 100 LF, Add</i> .....	3.06	
			<i>For &gt;1,000 LF, Deduct</i> .....	-0.59	
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 71 19 00-0212</b> <b>Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems</b> <small>(07 71 19 00-0211)</small>		
07 71 19 00-0213    EA    Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	205.78	3.81
07 71 19 00-0214    EA    Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	223.38	3.81
07 71 19 00-0215    EA    Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	231.08	3.81
<b>07 71 19 00-0216</b> <b>Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems</b> <small>(07 71 19 00-0211)</small>		
07 71 19 00-0217    EA    Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	162.40	3.81
07 71 19 00-0218    EA    Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	171.17	3.81
07 71 19 00-0219    EA    Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	175.00	3.81
<b>07 71 23</b> <b>Manufactured Gutters and Downspouts</b> <small>(07 71)</small>		
<small>Note: Includes all necessary support straps.</small>		
<b>07 71 23 00-0001</b> <b>Aluminum Gutters And Downspouts</b> <small>(07 71 23)</small>		
<b>07 71 23 00-0002</b> <b>Aluminum Gutters</b> <small>(07 71 23 00-0001)</small>		
<small>Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.</small>		
<b>07 71 23 00-0003</b> <b>K-Style Aluminum Gutters</b> <small>(07 71 23 00-0002)</small>		
07 71 23 00-0004    LF    5", 0.027" Thick, K-Style Aluminum Gutter .....	10.42	4.31
For Up To 100', Add	2.11	
For >100' To 250', Add	0.88	
For >1,000', Deduct	-0.71	
For Kynar 500® Finish, Add	1.49	
07 71 23 00-0005    LF    6", 0.027" Thick, K-Style Aluminum Gutter .....	11.68	4.55
For Up To 100', Add	2.29	
For >100' To 250', Add	0.96	
For >1,000', Deduct	-0.75	
For Kynar 500® Finish, Add	1.90	
07 71 23 00-0006    LF    5", 0.032" Thick, K-Style Aluminum Gutter .....	10.89	4.31
For Up To 100', Add	2.16	
For >100' To 250', Add	0.90	
For >1,000', Deduct	-0.71	
For Kynar 500® Finish, Add	1.70	
07 71 23 00-0007    LF    6", 0.032" Thick, K-Style Aluminum Gutter .....	12.29	4.55
For Up To 100', Add	2.35	
For >100' To 250', Add	0.99	
For >1,000', Deduct	-0.75	
For Kynar 500® Finish, Add	2.17	
07 71 23 00-0008    LF    7", 0.032" Thick, K-Style Aluminum Gutter .....	23.65	4.78
For Up To 100', Add	3.57	
For >100' To 250', Add	1.58	
For >1,000', Deduct	-0.80	
For Kynar 500® Finish, Add	7.02	
07 71 23 00-0009    LF    8", 0.032" Thick, K-Style Aluminum Gutter .....	25.93	5.37
For Up To 100', Add	3.92	
For >100' To 250', Add	1.74	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	7.68	
07 71 23 00-0010    LF    8", 0.040" Thick, K-Style Aluminum Gutter .....	29.22	5.37
For Up To 100', Add	4.25	
For >100' To 250', Add	1.90	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	9.16	
<b>07 71 23 00-0011</b> <b>Half Round Aluminum Gutters</b> <small>(07 71 23 00-0002)</small>		
07 71 23 00-0012    LF    5", 0.027" Thick, Half Round Aluminum Gutter .....	19.96	4.31
For Up To 100', Add	3.06	
For >100' To 250', Add	1.35	
For >1,000', Deduct	-0.71	
For Kynar 500® Finish, Add	5.78	
07 71 23 00-0013    LF    6", 0.032" Thick, Half Round Aluminum Gutter .....	24.19	4.55
For Up To 100', Add	3.54	
For >100' To 250', Add	1.58	
For >1,000', Deduct	-0.75	
For Kynar 500® Finish, Add	7.53	
<b>07 71 23 00-0014</b> <b>Box Style Aluminum Gutters</b> <small>(07 71 23 00-0002)</small>		
07 71 23 00-0015    LF    6", 0.027" Thick, Box Style Aluminum Gutter .....	20.78	5.37
For Up To 100', Add	3.41	
For >100' To 250', Add	1.48	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	5.36	



<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0016	LF	6"	0.032" Thick, Box Style Aluminum Gutter.....	20.84	5.37
			<i>For Up To 100', Add</i>	3.41	
			<i>For &gt;100' To 250', Add</i>	1.49	
			<i>For &gt;1,000', Deduct</i>	-0.89	
			<i>For Kynar 500® Finish, Add</i>	5.39	
07 71 23 00-0017	LF	7"	0.032" Thick, Box Style Aluminum Gutter.....	24.37	5.71
			<i>For Up To 100', Add</i>	3.85	
			<i>For &gt;100' To 250', Add</i>	1.69	
			<i>For &gt;1,000', Deduct</i>	-0.94	
			<i>For Kynar 500® Finish, Add</i>	6.72	
07 71 23 00-0018	LF	8"	0.032" Thick, Box Style Aluminum Gutter.....	27.61	6.06
			<i>For Up To 100', Add</i>	4.27	
			<i>For &gt;100' To 250', Add</i>	1.88	
			<i>For &gt;1,000', Deduct</i>	-1.00	
			<i>For Kynar 500® Finish, Add</i>	7.91	
07 71 23 00-0019			<b>Aluminum Gutter End Caps</b> (07 71 23 00-0001)		
07 71 23 00-0020			<b>K-Style, Aluminum Gutter End Caps</b> (07 71 23 00-0019)		
07 71 23 00-0021	EA	5"	K-Style Aluminum Gutter End Cap.....	3.49	
			<i>For Kynar 500® Finish, Add</i>	0.52	
07 71 23 00-0022	EA	6"	K-Style Aluminum Gutter End Cap.....	4.42	
			<i>For Kynar 500® Finish, Add</i>	0.94	
07 71 23 00-0023	EA	7"	K-Style Aluminum Gutter End Cap.....	10.11	
			<i>For Kynar 500® Finish, Add</i>	3.50	
07 71 23 00-0024	EA	8"	K-Style Aluminum Gutter End Cap.....	11.84	
			<i>For Kynar 500® Finish, Add</i>	4.28	
07 71 23 00-0025			<b>Half Round, Aluminum Gutter End Caps</b> (07 71 23 00-0019)		
07 71 23 00-0026	EA	5"	Half Round Aluminum Gutter End Cap.....	5.88	
			<i>For Kynar 500® Finish, Add</i>	1.59	
07 71 23 00-0027	EA	6"	Half Round Aluminum Gutter End Cap.....	9.33	
			<i>For Kynar 500® Finish, Add</i>	3.15	
07 71 23 00-0028			<b>Box Style, Aluminum Gutter End Caps</b> (07 71 23 00-0019)		
07 71 23 00-0029	EA	6"	Box Style Aluminum Gutter End Cap.....	11.06	
			<i>For Kynar 500® Finish, Add</i>	3.92	
07 71 23 00-0030	EA	7"	Box Style Aluminum Gutter End Cap.....	12.06	
			<i>For Kynar 500® Finish, Add</i>	4.37	
07 71 23 00-0031	EA	8"	Box Style Aluminum Gutter End Cap.....	14.23	
			<i>For Kynar 500® Finish, Add</i>	5.35	
07 71 23 00-0032			<b>Aluminum Gutter Miters</b> (07 71 23 00-0001)		
			Note: Inside or outside miters.		
07 71 23 00-0033			<b>K-Style, Aluminum Gutter Miters</b> (07 71 23 00-0032)		
07 71 23 00-0034	EA	5"	K-Style Aluminum Gutter Miter.....	20.86	
			<i>For Kynar 500® Finish, Add</i>	4.09	
07 71 23 00-0035	EA	6"	K-Style Aluminum Gutter Miter.....	28.32	
			<i>For Kynar 500® Finish, Add</i>	7.08	
07 71 23 00-0036	EA	7"	K-Style Aluminum Gutter Miter.....	89.14	
			<i>For Kynar 500® Finish, Add</i>	34.08	
07 71 23 00-0037	EA	8"	K-Style Aluminum Gutter Miter.....	96.80	
			<i>For Kynar 500® Finish, Add</i>	37.11	
07 71 23 00-0038			<b>Half Round, Aluminum Gutter Miters</b> (07 71 23 00-0032)		
07 71 23 00-0039	EA	5"	Half Round Aluminum Gutter Miter.....	37.55	
			<i>For Kynar 500® Finish, Add</i>	11.60	
07 71 23 00-0040	EA	6"	Half Round Aluminum Gutter Miter.....	60.07	
			<i>For Kynar 500® Finish, Add</i>	21.37	
07 71 23 00-0041			<b>Box Style, Aluminum Gutter Miters</b> (07 71 23 00-0032)		
07 71 23 00-0042	EA	6"	Box Style Aluminum Gutter Miter.....	71.94	
			<i>For Kynar 500® Finish, Add</i>	26.71	
07 71 23 00-0043	EA	7"	Box Style Aluminum Gutter Miter.....	108.08	
			<i>For Kynar 500® Finish, Add</i>	42.60	
07 71 23 00-0044	EA	8"	Box Style Aluminum Gutter Miter.....	117.41	
			<i>For Kynar 500® Finish, Add</i>	46.38	
07 71 23 00-0045			<b>Aluminum Gutter Wire Strainers</b> (07 71 23 00-0001)		
07 71 23 00-0046	EA	3"	Diameter, Round Aluminum Wire Strainer.....	15.53	2.91
			<i>For Kynar 500® Finish, Add</i>	4.26	
			<i>For 0.024" Thick, Add</i>	1.32	
			<i>For 0.027" Thick, Add</i>	2.74	
			<i>For 0.031" Thick, Add</i>	3.97	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0047 EA 4" Diameter, Round Aluminum Wire Strainer..... <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	23.50 7.84 2.44 5.05 7.32	2.91
<b>07 71 23 00-0048 Aluminum Downspouts</b> (07 71 23 00-0001) Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0049 Round Aluminum Downspouts</b> (07 71 23 00-0048)		
07 71 23 00-0050 LF 3" Diameter, 0.019" Thick, Round Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For &gt;100 To 250', Add</i> <i>For &gt;1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	7.56 1.21 0.53 -0.30 2.04 0.63 1.31 1.90	2.80
07 71 23 00-0051 LF 4" Diameter, 0.019" Thick, Round Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For &gt;100 To 250', Add</i> <i>For &gt;1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	8.63 1.32 0.58 -0.30 2.52 0.78 1.62 2.35	2.80
<b>07 71 23 00-0052 Rectangular Aluminum Downspouts</b> (07 71 23 00-0048)		
07 71 23 00-0053 LF 2" x 3", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For &gt;100 To 250', Add</i> <i>For &gt;1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	5.35 0.99 0.42 -0.30 1.04 0.32 0.67 0.97	2.80
07 71 23 00-0054 LF 3" x 4", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For &gt;100 To 250', Add</i> <i>For &gt;1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	6.71 1.13 0.49 -0.30 1.66 0.52 1.07 1.55	2.80
07 71 23 00-0055 LF 4" x 5", 0.019" Thick, Rectangular Aluminum Downspout..... <i>For Up To 100', Add</i> <i>For &gt;100 To 250', Add</i> <i>For &gt;1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 0.024" Thick, Add</i> <i>For 0.027" Thick, Add</i> <i>For 0.031" Thick, Add</i>	12.40 1.69 0.77 -0.30 4.22 1.31 2.72 3.94	2.80
<b>07 71 23 00-0056 Aluminum Devices</b> (07 71 23 00-0001)		
07 71 23 00-0057 EA Thru-Wall Aluminum Scupper Outlet..... <i>For Kynar 500® Finish, Add</i>	259.11 80.05	24.36
07 71 23 00-0058 EA Aluminum Leader/Conductor Head..... <i>For Kynar 500® Finish, Add</i>	251.41 88.77	27.08
<b>07 71 23 00-0059 Copper Gutters And Downspouts</b> (07 71 23)		
<b>07 71 23 00-0060 Copper Gutters</b> (07 71 23 00-0059) Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
<b>07 71 23 00-0061 K-Style Copper Gutters</b> (07 71 23 00-0060)		
07 71 23 00-0062 LF 4", 16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For &gt;100' To 250', Add</i> <i>For &gt;1,000', Deduct</i>	17.68 2.78 1.22 -0.68	4.08
07 71 23 00-0063 LF 5", 16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For &gt;100' To 250', Add</i> <i>For &gt;1,000', Deduct</i>	24.83 3.55 1.60 -0.71	4.31
07 71 23 00-0064 LF 6", 16 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For &gt;100' To 250', Add</i> <i>For &gt;1,000', Deduct</i>	29.53 4.07 1.85 -0.75	4.55
07 71 23 00-0065 LF 5", 20 Ounce, K-Style Copper Gutter..... <i>For Up To 100', Add</i> <i>For &gt;100' To 250', Add</i> <i>For &gt;1,000', Deduct</i>	31.20 4.19 1.92 -0.71	4.31

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0066	LF	6"	20 Ounce, K-Style Copper Gutter.....	38.55	4.55
			<i>For Up To 100', Add</i>	4.97	
			<i>For &gt;100' To 250', Add</i>	2.30	
			<i>For &gt;1,000', Deduct</i>	-0.75	
07 71 23 00-0067	LF	7"	20 Ounce, K-Style Copper Gutter.....	45.01	4.78
			<i>For Up To 100', Add</i>	5.71	
			<i>For &gt;100' To 250', Add</i>	2.65	
			<i>For &gt;1,000', Deduct</i>	-0.80	
07 71 23 00-0068	LF	8"	20 Ounce, K-Style Copper Gutter.....	50.03	5.37
			<i>For Up To 100', Add</i>	6.33	
			<i>For &gt;100' To 250', Add</i>	2.94	
			<i>For &gt;1,000', Deduct</i>	-0.89	
<b>07 71 23 00-0069</b>			<b>Half Round Copper Gutters</b> (07 71 23 00-0060)		
07 71 23 00-0070	LF	5"	16 Ounce, Half Round Copper Gutter.....	21.51	4.31
			<i>For Up To 100', Add</i>	3.22	
			<i>For &gt;100' To 250', Add</i>	1.43	
			<i>For &gt;1,000', Deduct</i>	-0.71	
07 71 23 00-0071	LF	6"	16 Ounce, Half Round Copper Gutter.....	27.06	4.55
			<i>For Up To 100', Add</i>	3.83	
			<i>For &gt;100' To 250', Add</i>	1.73	
			<i>For &gt;1,000', Deduct</i>	-0.75	
07 71 23 00-0072	LF	7"	16 Ounce, Half Round Copper Gutter.....	44.94	4.78
			<i>For Up To 100', Add</i>	5.70	
			<i>For &gt;100' To 250', Add</i>	2.65	
			<i>For &gt;1,000', Deduct</i>	-0.80	
07 71 23 00-0073	LF	5"	20 Ounce, Half Round Copper Gutter.....	24.99	4.31
			<i>For Up To 100', Add</i>	3.57	
			<i>For &gt;100' To 250', Add</i>	1.61	
			<i>For &gt;1,000', Deduct</i>	-0.71	
07 71 23 00-0074	LF	6"	20 Ounce, Half Round Copper Gutter.....	30.75	4.55
			<i>For Up To 100', Add</i>	4.19	
			<i>For &gt;100' To 250', Add</i>	1.91	
			<i>For &gt;1,000', Deduct</i>	-0.75	
07 71 23 00-0075	LF	7"	20 Ounce, Half Round Copper Gutter.....	47.20	4.78
			<i>For Up To 100', Add</i>	5.93	
			<i>For &gt;100' To 250', Add</i>	2.76	
			<i>For &gt;1,000', Deduct</i>	-0.80	
07 71 23 00-0076	LF	8"	20 Ounce, Half Round Copper Gutter.....	53.60	5.37
			<i>For Up To 100', Add</i>	6.69	
			<i>For &gt;100' To 250', Add</i>	3.12	
			<i>For &gt;1,000', Deduct</i>	-0.89	
<b>07 71 23 00-0077</b>			<b>Box Style Copper Gutters</b> (07 71 23 00-0060)		
07 71 23 00-0078	LF	5"	16 Ounce, Box Style Copper Gutter.....	24.33	4.89
			<i>For Up To 100', Add</i>	3.66	
			<i>For &gt;100' To 250', Add</i>	1.62	
			<i>For &gt;1,000', Deduct</i>	-0.82	
07 71 23 00-0079	LF	6"	16 Ounce, Box Style Copper Gutter.....	26.10	5.37
			<i>For Up To 100', Add</i>	3.94	
			<i>For &gt;100' To 250', Add</i>	1.75	
			<i>For &gt;1,000', Deduct</i>	-0.89	
07 71 23 00-0080	LF	7"	16 Ounce, Box Style Copper Gutter.....	31.50	5.71
			<i>For Up To 100', Add</i>	4.57	
			<i>For &gt;100' To 250', Add</i>	2.05	
			<i>For &gt;1,000', Deduct</i>	-0.94	
07 71 23 00-0081	LF	8"	16 Ounce, Box Style Copper Gutter.....	32.23	6.06
			<i>For Up To 100', Add</i>	4.73	
			<i>For &gt;100' To 250', Add</i>	2.11	
			<i>For &gt;1,000', Deduct</i>	-1.00	
07 71 23 00-0082	LF	5"	20 Ounce, Box Style Copper Gutter.....	27.72	4.89
			<i>For Up To 100', Add</i>	4.00	
			<i>For &gt;100' To 250', Add</i>	1.79	
			<i>For &gt;1,000', Deduct</i>	-0.82	
07 71 23 00-0083	LF	6"	20 Ounce, Box Style Copper Gutter.....	29.50	5.37
			<i>For Up To 100', Add</i>	4.28	
			<i>For &gt;100' To 250', Add</i>	1.92	
			<i>For &gt;1,000', Deduct</i>	-0.89	
07 71 23 00-0084	LF	7"	20 Ounce, Box Style Copper Gutter.....	34.90	5.71
			<i>For Up To 100', Add</i>	4.91	
			<i>For &gt;100' To 250', Add</i>	2.22	
			<i>For &gt;1,000', Deduct</i>	-0.94	
07 71 23 00-0085	LF	8"	20 Ounce, Box Style Copper Gutter.....	35.62	6.06
			<i>For Up To 100', Add</i>	5.07	
			<i>For &gt;100' To 250', Add</i>	2.28	
			<i>For &gt;1,000', Deduct</i>	-1.00	
<b>07 71 23 00-0086</b>			<b>Copper Gutter End Caps</b> (07 71 23 00-0059)		
<b>07 71 23 00-0087</b>			<b>K-Style, Copper Gutter End Caps</b> (07 71 23 00-0086)		
07 71 23 00-0088	EA	4"	K-Style Copper Gutter End Cap.....	6.10	
07 71 23 00-0089	EA	5"	K-Style Copper Gutter End Cap.....	6.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0090 EA 6", K-Style Copper Gutter End Cap .....	6.93	
07 71 23 00-0091 EA 7", K-Style Copper Gutter End Cap .....	18.06	
07 71 23 00-0092 EA 8", K-Style Copper Gutter End Cap .....	21.96	
<b>07 71 23 00-0093 Half Round, Copper Gutter End Caps (07 71 23 00-0086)</b>		
07 71 23 00-0094 EA 4", Half Round Copper Gutter End Cap .....	7.33	
07 71 23 00-0095 EA 5", Half Round Copper Gutter End Cap .....	8.21	
07 71 23 00-0096 EA 6", Half Round Copper Gutter End Cap .....	12.29	
07 71 23 00-0097 EA 7", Half Round Copper Gutter End Cap .....	36.52	
07 71 23 00-0098 EA 8", Half Round Copper Gutter End Cap .....	43.09	
<b>07 71 23 00-0099 Box Style, Copper Gutter End Caps (07 71 23 00-0086)</b>		
07 71 23 00-0100 EA 5", Box Style Copper Gutter End Cap .....	13.89	
07 71 23 00-0101 EA 6", Box Style Copper Gutter End Cap .....	14.57	
07 71 23 00-0102 EA 7", Box Style Copper Gutter End Cap .....	15.24	
07 71 23 00-0103 EA 8", Box Style Copper Gutter End Cap .....	16.60	
<b>07 71 23 00-0104 Copper Gutter Miters (07 71 23 00-0059)</b>		
Note: Inside or outside miters.		
<b>07 71 23 00-0105 K-Style, Copper Gutter Miters (07 71 23 00-0104)</b>		
07 71 23 00-0106 EA 4", K-Style Copper Gutter Miter .....	38.83	
07 71 23 00-0107 EA 5", K-Style Copper Gutter Miter .....	43.93	
07 71 23 00-0108 EA 6", K-Style Copper Gutter Miter .....	62.83	
07 71 23 00-0109 EA 7", K-Style Copper Gutter Miter .....	88.49	
07 71 23 00-0110 EA 8", K-Style Copper Gutter Miter .....	103.68	
<b>07 71 23 00-0111 Half Round, Copper Gutter Miters (07 71 23 00-0104)</b>		
07 71 23 00-0112 EA 4", Half Round Copper Gutter Miter .....	60.07	
07 71 23 00-0113 EA 5", Half Round Copper Gutter Miter .....	55.70	
07 71 23 00-0114 EA 6", Half Round Copper Gutter Miter .....	79.86	
07 71 23 00-0115 EA 7", Half Round Copper Gutter Miter .....	95.10	
07 71 23 00-0116 EA 8", Half Round Copper Gutter Miter .....	112.24	
<b>07 71 23 00-0117 Box Style, Copper Gutter Miters (07 71 23 00-0104)</b>		
07 71 23 00-0118 EA 5", 16 Ounce Box Style Copper Gutter Miter .....	66.04	
07 71 23 00-0119 EA 6", 16 Ounce Box Style Copper Gutter Miter .....	68.22	
07 71 23 00-0120 EA 7", 16 Ounce Box Style Copper Gutter Miter .....	74.47	
07 71 23 00-0121 EA 8", 16 Ounce Box Style Copper Gutter Miter .....	76.02	
07 71 23 00-0122 EA 5", 20 Ounce Box Style Copper Gutter Miter .....	72.83	
07 71 23 00-0123 EA 6", 20 Ounce Box Style Copper Gutter Miter .....	75.01	
07 71 23 00-0124 EA 7", 20 Ounce Box Style Copper Gutter Miter .....	81.26	
07 71 23 00-0125 EA 8", 20 Ounce Box Style Copper Gutter Miter .....	88.98	
<b>07 71 23 00-0126 Copper Gutter Wire Strainers (07 71 23 00-0059)</b>		
07 71 23 00-0127 EA 2" Diameter, Round Copper Wire Strainer .....	20.39	2.91
07 71 23 00-0128 EA 3" Diameter, Round Copper Wire Strainer .....	25.09	2.91
07 71 23 00-0129 EA 4" Diameter, Round Copper Wire Strainer .....	40.45	2.91
07 71 23 00-0130 EA 5" Diameter, Round Copper Wire Strainer .....	53.82	2.91
07 71 23 00-0131 EA 6" Diameter, Round Copper Wire Strainer .....	65.02	2.91
<b>07 71 23 00-0132 Copper Downspouts (07 71 23 00-0059)</b>		
Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0133 Round Copper Downspouts (07 71 23 00-0132)</b>		
07 71 23 00-0134 LF 2" Diameter, 16 Ounce, Round Copper Downspout .....	24.57	2.80
For Up To 100', Add	2.91	
For >100 To 250', Add	1.38	
For >1,000', Deduct	-0.30	
07 71 23 00-0135 LF 3" Diameter, 16 Ounce, Round Copper Downspout .....	17.22	2.80
For Up To 100', Add	2.18	
For >100 To 250', Add	1.01	
For >1,000', Deduct	-0.30	
07 71 23 00-0136 LF 4" Diameter, 16 Ounce, Round Copper Downspout .....	21.61	2.80
For Up To 100', Add	2.62	
For >100 To 250', Add	1.23	
For >1,000', Deduct	-0.30	
07 71 23 00-0137 LF 5" Diameter, 16 Ounce, Round Copper Downspout .....	34.33	2.80
For Up To 100', Add	3.89	
For >100 To 250', Add	1.87	
For >1,000', Deduct	-0.30	
07 71 23 00-0138 LF 6" Diameter, 16 Ounce, Round Copper Downspout .....	44.04	2.80
For Up To 100', Add	4.86	
For >100 To 250', Add	2.35	
For >1,000', Deduct	-0.30	

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0139	LF		3" Diameter, 20 Ounce, Round Copper Downspout .....	23.17	2.80
			<i>For Up To 100', Add</i>	2.77	
			<i>For &gt;100 To 250', Add</i>	1.31	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0140	LF		4" Diameter, 20 Ounce, Round Copper Downspout .....	29.96	2.80
			<i>For Up To 100', Add</i>	3.45	
			<i>For &gt;100 To 250', Add</i>	1.65	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0141	LF		5" Diameter, 20 Ounce, Round Copper Downspout .....	45.37	2.80
			<i>For Up To 100', Add</i>	4.99	
			<i>For &gt;100 To 250', Add</i>	2.42	
			<i>For &gt;1,000', Deduct</i>	-0.30	
<b>07 71 23 00-0142</b>			<b>Square Copper Downspouts (07 71 23 00-0132)</b>		
07 71 23 00-0143	LF		3" Diameter, 16 Ounce, Square Copper Downspout .....	12.03	2.80
			<i>For Up To 100', Add</i>	1.66	
			<i>For &gt;100 To 250', Add</i>	0.75	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0144	LF		4" Diameter, 16 Ounce, Square Copper Downspout .....	14.95	2.80
			<i>For Up To 100', Add</i>	1.95	
			<i>For &gt;100 To 250', Add</i>	0.90	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0145	LF		5" Diameter, 16 Ounce, Square Copper Downspout .....	21.25	2.80
			<i>For Up To 100', Add</i>	2.58	
			<i>For &gt;100 To 250', Add</i>	1.21	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0146	LF		3" Diameter, 20 Ounce, Square Copper Downspout .....	13.83	2.80
			<i>For Up To 100', Add</i>	1.84	
			<i>For &gt;100 To 250', Add</i>	0.84	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0147	LF		4" Diameter, 20 Ounce, Square Copper Downspout .....	17.48	2.80
			<i>For Up To 100', Add</i>	2.20	
			<i>For &gt;100 To 250', Add</i>	1.03	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0148	LF		5" Diameter, 20 Ounce, Square Copper Downspout .....	24.96	2.80
			<i>For Up To 100', Add</i>	2.95	
			<i>For &gt;100 To 250', Add</i>	1.40	
			<i>For &gt;1,000', Deduct</i>	-0.30	
<b>07 71 23 00-0149</b>			<b>Rectangular Copper Downspouts (07 71 23 00-0132)</b>		
07 71 23 00-0150	LF		2" x 3", 16 Ounce, Rectangular Copper Downspout .....	17.67	2.80
			<i>For Up To 100', Add</i>	2.22	
			<i>For &gt;100 To 250', Add</i>	1.04	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0151	LF		3" x 4", 16 Ounce, Rectangular Copper Downspout .....	22.26	2.80
			<i>For Up To 100', Add</i>	2.68	
			<i>For &gt;100 To 250', Add</i>	1.26	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0152	LF		4" x 5", 16 Ounce, Rectangular Copper Downspout .....	31.52	2.80
			<i>For Up To 100', Add</i>	3.61	
			<i>For &gt;100 To 250', Add</i>	1.73	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0153	LF		2" x 3", 20 Ounce, Rectangular Copper Downspout .....	20.52	2.80
			<i>For Up To 100', Add</i>	2.51	
			<i>For &gt;100 To 250', Add</i>	1.18	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0154	LF		3" x 4", 20 Ounce, Rectangular Copper Downspout .....	26.21	2.80
			<i>For Up To 100', Add</i>	3.08	
			<i>For &gt;100 To 250', Add</i>	1.46	
			<i>For &gt;1,000', Deduct</i>	-0.30	
07 71 23 00-0155	LF		4" x 5", 20 Ounce, Rectangular Copper Downspout .....	37.48	2.80
			<i>For Up To 100', Add</i>	4.20	
			<i>For &gt;100 To 250', Add</i>	2.03	
			<i>For &gt;1,000', Deduct</i>	-0.30	
<b>07 71 23 00-0156</b>			<b>Copper Devices And Accessories (07 71 23 00-0059)</b>		
07 71 23 00-0157	EA		Thru-Wall Copper Scupper Outlet.....	203.82	24.36
07 71 23 00-0158	EA		Copper Leader/Conductor Head.....	287.54	27.08
07 71 23 00-0159	EA		Copper Eave Box.....	130.31	17.49
<b>07 71 23 00-0160</b>			<b>Galvanized Steel Gutters And Downspouts (07 71 23)</b>		
<b>07 71 23 00-0161</b>			<b>Galvanized Steel Gutters (07 71 23 00-0160)</b>		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
<b>07 71 23 00-0162</b>			<b>K-Style Galvanized Steel Gutters (07 71 23 00-0161)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0163 LF 5", 26 Gauge, K-Style Galvanized Steel Gutter .....	13.62	4.31
For Up To 100', Add	2.43	
For >100' To 250', Add	1.04	
For >1,000', Deduct	-0.71	
For Kynar 500® Finish, Add	2.93	
For 24 Gauge, Add	1.82	
For 22 Gauge, Add	3.58	
07 71 23 00-0164 LF 6", 26 Gauge, K-Style Galvanized Steel Gutter .....	15.96	4.55
For Up To 100', Add	2.72	
For >100' To 250', Add	1.17	
For >1,000', Deduct	-0.75	
For Kynar 500® Finish, Add	3.83	
For 24 Gauge, Add	2.38	
For 22 Gauge, Add	4.68	
07 71 23 00-0165 LF 7", 26 Gauge, K-Style Galvanized Steel Gutter .....	34.20	4.78
For Up To 100', Add	4.63	
For >100' To 250', Add	2.11	
For >1,000', Deduct	-0.80	
For Kynar 500® Finish, Add	11.77	
For 24 Gauge, Add	7.32	
For 22 Gauge, Add	14.39	
07 71 23 00-0166 LF 8", 26 Gauge, K-Style Galvanized Steel Gutter .....	36.01	5.37
For Up To 100', Add	4.93	
For >100' To 250', Add	2.24	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	12.22	
For 24 Gauge, Add	7.60	
For 22 Gauge, Add	14.93	
<b>07 71 23 00-0167 Half Round Galvanized Steel Gutters (07 71 23 00-0161)</b>		
07 71 23 00-0168 LF 5", 26 Gauge, Half Round Galvanized Steel Gutter .....	20.35	4.31
For Up To 100', Add	3.10	
For >100' To 250', Add	1.37	
For >1,000', Deduct	-0.71	
For Kynar 500® Finish, Add	5.96	
For 24 Gauge, Add	3.71	
For 22 Gauge, Add	7.28	
07 71 23 00-0169 LF 6", 26 Gauge, Half Round Galvanized Steel Gutter .....	25.87	4.55
For Up To 100', Add	3.71	
For >100' To 250', Add	1.67	
For >1,000', Deduct	-0.75	
For Kynar 500® Finish, Add	8.28	
For 24 Gauge, Add	5.15	
For 22 Gauge, Add	10.13	
07 71 23 00-0170 LF 7", 26 Gauge, Half Round Galvanized Steel Gutter .....	66.69	4.78
For Up To 100', Add	7.88	
For >100' To 250', Add	3.74	
For >1,000', Deduct	-0.80	
For Kynar 500® Finish, Add	26.39	
For 24 Gauge, Add	16.42	
For 22 Gauge, Add	32.26	
07 71 23 00-0171 LF 8", 26 Gauge, Half Round Galvanized Steel Gutter .....	71.11	5.37
For Up To 100', Add	8.44	
For >100' To 250', Add	4.00	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	28.01	
For 24 Gauge, Add	17.43	
For 22 Gauge, Add	34.24	
<b>07 71 23 00-0172 Box Style Galvanized Steel Gutters (07 71 23 00-0161)</b>		
07 71 23 00-0173 LF 5", 24 Gauge, Box Style Galvanized Steel Gutter .....	24.40	4.89
For Up To 100', Add	3.66	
For >100' To 250', Add	1.63	
For >1,000', Deduct	-0.82	
For Kynar 500® Finish, Add	7.31	
For 22 Gauge, Add	3.57	
07 71 23 00-0174 LF 6", 24 Gauge, Box Style Galvanized Steel Gutter .....	28.75	5.37
For Up To 100', Add	4.20	
For >100' To 250', Add	1.88	
For >1,000', Deduct	-0.89	
For Kynar 500® Finish, Add	8.95	
For 22 Gauge, Add	4.38	
07 71 23 00-0175 LF 7", 24 Gauge, Box Style Galvanized Steel Gutter .....	36.79	4.78
For Up To 100', Add	4.89	
For >100' To 250', Add	2.24	
For >1,000', Deduct	-0.80	
For Kynar 500® Finish, Add	12.94	
For 22 Gauge, Add	6.33	
07 71 23 00-0176 LF 8", 24 Gauge, Box Style Galvanized Steel Gutter .....	40.71	6.06
For Up To 100', Add	5.58	
For >100' To 250', Add	2.54	
For >1,000', Deduct	-1.00	
For Kynar 500® Finish, Add	13.81	
For 22 Gauge, Add	6.75	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 71 23 00-0177	Galvanized Steel Gutter End Caps (07 71 23 00-0160)		
07 71 23 00-0178	K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0179	EA 5", K-Style Galvanized Steel Gutter End Cap.....	6.24	
	For Kynar 500® Finish, Add	1.76	
07 71 23 00-0180	EA 6", K-Style Galvanized Steel Gutter End Cap.....	7.27	
	For Kynar 500® Finish, Add	2.22	
07 71 23 00-0181	EA 7", K-Style Galvanized Steel Gutter End Cap.....	16.38	
	For Kynar 500® Finish, Add	6.32	
07 71 23 00-0182	EA 8", K-Style Galvanized Steel Gutter End Cap.....	23.99	
	For Kynar 500® Finish, Add	9.74	
07 71 23 00-0183	Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0184	EA 5", Half Round Galvanized Steel Gutter End Cap.....	8.17	
	For Kynar 500® Finish, Add	2.62	
07 71 23 00-0185	EA 6", Half Round Galvanized Steel Gutter End Cap.....	9.48	
	For Kynar 500® Finish, Add	3.21	
07 71 23 00-0186	EA 7", Half Round Galvanized Steel Gutter End Cap.....	18.12	
	For Kynar 500® Finish, Add	7.10	
07 71 23 00-0187	EA 8", Half Round Galvanized Steel Gutter End Cap.....	24.68	
	For Kynar 500® Finish, Add	10.05	
07 71 23 00-0188	Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0189	EA 5", Box Style Galvanized Steel Gutter End Cap.....	15.07	
	For Kynar 500® Finish, Add	5.73	
07 71 23 00-0190	EA 6", Box Style Galvanized Steel Gutter End Cap.....	18.25	
	For Kynar 500® Finish, Add	7.16	
07 71 23 00-0191	EA 7", Box Style Galvanized Steel Gutter End Cap.....	20.51	
	For Kynar 500® Finish, Add	8.18	
07 71 23 00-0192	EA 8", Box Style Galvanized Steel Gutter End Cap.....	27.65	
	For Kynar 500® Finish, Add	11.39	
07 71 23 00-0193	Galvanized Steel Gutter Miters (07 71 23 00-0160)		
	Note: Inside or outside miters.		
07 71 23 00-0194	K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0195	EA 5", K-Style Galvanized Steel Gutter Miter.....	38.22	
	For Kynar 500® Finish, Add	11.90	
07 71 23 00-0196	EA 6", K-Style Galvanized Steel Gutter Miter.....	63.19	
	For Kynar 500® Finish, Add	22.77	
07 71 23 00-0197	EA 7", K-Style Galvanized Steel Gutter Miter.....	102.40	
	For Kynar 500® Finish, Add	40.05	
07 71 23 00-0198	EA 8", K-Style Galvanized Steel Gutter Miter.....	115.24	
	For Kynar 500® Finish, Add	45.41	
07 71 23 00-0199	Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200	EA 5", Half Round Galvanized Steel Gutter Miter.....	53.17	
	For Kynar 500® Finish, Add	18.63	
07 71 23 00-0201	EA 6", Half Round Galvanized Steel Gutter Miter.....	59.88	
	For Kynar 500® Finish, Add	21.28	
07 71 23 00-0202	EA 7", Half Round Galvanized Steel Gutter Miter.....	174.23	
	For Kynar 500® Finish, Add	72.37	
07 71 23 00-0203	EA 8", Half Round Galvanized Steel Gutter Miter.....	184.09	
	For Kynar 500® Finish, Add	76.39	
07 71 23 00-0204	Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205	EA 5", Box Style Galvanized Steel Gutter Miter.....	50.17	
	For Kynar 500® Finish, Add	17.28	
07 71 23 00-0206	EA 6", Box Style Galvanized Steel Gutter Miter.....	82.98	
	For Kynar 500® Finish, Add	31.68	
07 71 23 00-0207	EA 7", Box Style Galvanized Steel Gutter Miter.....	108.35	
	For Kynar 500® Finish, Add	42.72	
07 71 23 00-0208	EA 8", Box Style Galvanized Steel Gutter Miter.....	115.24	
	For Kynar 500® Finish, Add	45.41	
07 71 23 00-0209	Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210	EA 3" Diameter, Round Galvanized Steel Wire Strainer.....	13.60	2.91
	For Kynar 500® Finish, Add	3.39	
07 71 23 00-0211	EA 4" Diameter, Round Galvanized Steel Wire Strainer.....	20.02	2.91
	For Kynar 500® Finish, Add	6.28	
07 71 23 00-0212	Galvanized Steel Downspouts (07 71 23 00-0160)		
	Note: Includes elbows, hangers and fasteners.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 71 23 00-0213 Round Galvanized Steel Downspouts</b> (07 71 23 00-0212)		
07 71 23 00-0214 LF 3" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	7.79	2.80
For Up To 100', Add	1.23	
For >100 To 250', Add	0.54	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	2.14	
For 24 Gauge, Add	1.33	
For 22 Gauge, Add	2.62	
07 71 23 00-0215 LF 4" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	9.82	2.80
For Up To 100', Add	1.44	
For >100 To 250', Add	0.64	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	3.06	
For 24 Gauge, Add	1.90	
For 22 Gauge, Add	3.73	
07 71 23 00-0216 LF 5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	13.58	2.80
For Up To 100', Add	1.81	
For >100 To 250', Add	0.83	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	4.75	
For 24 Gauge, Add	2.95	
For 22 Gauge, Add	5.80	
07 71 23 00-0217 LF 6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	30.96	2.80
For Up To 100', Add	3.55	
For >100 To 250', Add	1.70	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	12.57	
For 24 Gauge, Add	7.82	
For 22 Gauge, Add	15.36	
<b>07 71 23 00-0218 Square Galvanized Steel Downspouts</b> (07 71 23 00-0212)		
07 71 23 00-0219 LF 4" x 4", 26 Gauge, Square Galvanized Steel Downspout .....	8.92	2.80
For Up To 100', Add	1.35	
For >100 To 250', Add	0.60	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	2.65	
For 24 Gauge, Add	1.65	
For 22 Gauge, Add	3.24	
07 71 23 00-0220 LF 5" x 5", 26 Gauge, Square Galvanized Steel Downspout .....	11.60	2.80
For Up To 100', Add	1.61	
For >100 To 250', Add	0.73	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	3.86	
For 24 Gauge, Add	2.40	
For 22 Gauge, Add	4.71	
<b>07 71 23 00-0221 Rectangular Galvanized Steel Downspouts</b> (07 71 23 00-0212)		
07 71 23 00-0222 LF 2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	7.94	2.80
For Up To 100', Add	1.25	
For >100 To 250', Add	0.55	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	2.21	
For 24 Gauge, Add	1.37	
For 22 Gauge, Add	2.70	
07 71 23 00-0223 LF 3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	10.29	2.80
For Up To 100', Add	1.48	
For >100 To 250', Add	0.67	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	3.27	
For 24 Gauge, Add	2.03	
For 22 Gauge, Add	3.99	
07 71 23 00-0224 LF 4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	19.63	2.80
For Up To 100', Add	2.42	
For >100 To 250', Add	1.13	
For >1,000', Deduct	-0.30	
For Kynar 500® Finish, Add	7.47	
For 24 Gauge, Add	4.65	
For 22 Gauge, Add	9.13	
<b>07 71 23 00-0225 Galvanized Steel Devices</b> (07 71 23 00-0160)		
07 71 23 00-0226 EA Galvanized Steel Leader/Conductor Head .....	357.97	27.08
For Kynar 500® Finish, Add	136.72	
07 71 23 00-0227 EA Thru-Wall Galvanized Steel Scupper Outlet .....	190.66	24.36
For Kynar 500® Finish, Add	49.25	
<b>07 71 23 00-0228 Stainless Steel Gutters And Downspouts</b> (07 71 23)		
Note: AISI type 304 stainless steel.		
<b>07 71 23 00-0229 Stainless Steel Gutters</b> (07 71 23 00-0228)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 71</b>	<b>Roof Specialties</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0230	<b>K-Style, Stainless Steel Gutters</b> (07 71 23 00-0229)		
07 71 23 00-0231	LF 5", 26 Gauge, K-Style Stainless Steel Gutter.....	25.56	4.31
	For Up To 100', Add	3.62	
	For >100' To 250', Add	1.63	
	For >1,000', Deduct	-0.71	
	For 316 Stainless Steel, Add	7.01	
	For 24 Gauge, Add	6.09	
	For 22 Gauge, Add	12.18	
	For 20 Gauge, Add	18.27	
07 71 23 00-0232	LF 6", 26 Gauge, K-Style Stainless Steel Gutter.....	30.53	4.55
	For Up To 100', Add	4.17	
	For >100' To 250', Add	1.90	
	For >1,000', Deduct	-0.75	
	For 316 Stainless Steel, Add	8.77	
	For 24 Gauge, Add	7.61	
	For 22 Gauge, Add	15.23	
	For 20 Gauge, Add	22.84	
07 71 23 00-0233	<b>Half Round, Stainless Steel Gutters</b> (07 71 23 00-0229)		
07 71 23 00-0234	LF 5", 26 Gauge, Half Round Stainless Steel Gutter .....	35.05	4.31
	For Up To 100', Add	4.57	
	For >100' To 250', Add	2.11	
	For >1,000', Deduct	-0.71	
	For 316 Stainless Steel, Add	10.62	
	For 24 Gauge, Add	9.22	
	For 22 Gauge, Add	18.44	
	For 20 Gauge, Add	27.66	
07 71 23 00-0235	LF 6", 26 Gauge, Half Round Stainless Steel Gutter .....	42.33	4.55
	For Up To 100', Add	5.35	
	For >100' To 250', Add	2.49	
	For >1,000', Deduct	-0.75	
	For 316 Stainless Steel, Add	13.25	
	For 24 Gauge, Add	11.51	
	For 22 Gauge, Add	23.01	
	For 20 Gauge, Add	34.52	
07 71 23 00-0236	<b>Box Style, Stainless Steel Gutters</b> (07 71 23 00-0229)		
07 71 23 00-0237	LF 5", 26 Gauge, Box Style Stainless Steel Gutter .....	34.47	4.89
	For Up To 100', Add	4.67	
	For >100' To 250', Add	2.13	
	For >1,000', Deduct	-0.82	
	For 316 Stainless Steel, Add	10.00	
	For 24 Gauge, Add	8.68	
	For 22 Gauge, Add	17.36	
	For 20 Gauge, Add	26.05	
	For Seamless Gutter, Add	-0.09	
07 71 23 00-0238	LF 6", 26 Gauge, Box Style Stainless Steel Gutter .....	41.92	5.37
	For Up To 100', Add	5.52	
	For >100' To 250', Add	2.54	
	For >1,000', Deduct	-0.89	
	For 316 Stainless Steel, Add	12.56	
	For 24 Gauge, Add	10.91	
	For 22 Gauge, Add	21.82	
	For 20 Gauge, Add	32.73	
	For Seamless Gutter, Add	-0.32	
07 71 23 00-0239	LF 7", 26 Gauge, Box Style Stainless Steel Gutter .....	49.39	5.71
	For Up To 100', Add	6.36	
	For >100' To 250', Add	2.94	
	For >1,000', Deduct	-0.94	
	For 316 Stainless Steel, Add	15.18	
	For 24 Gauge, Add	13.18	
	For 22 Gauge, Add	26.37	
	For 20 Gauge, Add	39.55	
	For Seamless Gutter, Add	-0.58	
07 71 23 00-0240	LF 8", 26 Gauge, Box Style Stainless Steel Gutter .....	53.68	6.06
	For Up To 100', Add	6.87	
	For >100' To 250', Add	3.19	
	For >1,000', Deduct	-1.00	
	For 316 Stainless Steel, Add	16.59	
	For 24 Gauge, Add	14.40	
	For 22 Gauge, Add	28.81	
	For 20 Gauge, Add	43.21	
	For Seamless Gutter, Add	-0.68	
07 71 23 00-0241	<b>Stainless Steel Gutter End Caps</b> (07 71 23 00-0228)		
07 71 23 00-0242	<b>K-Style, Stainless Steel Gutter End Caps</b> (07 71 23 00-0241)		
07 71 23 00-0243	EA 5", K-Style Stainless Steel Gutter End Cap .....	8.11	
	For 316 Stainless Steel, Add	2.19	
07 71 23 00-0244	EA 6", K-Style Stainless Steel Gutter End Cap .....	9.27	
	For 316 Stainless Steel, Add	2.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 71 23 00-0245 Half Round, Stainless Steel Gutter End Caps</b> (07 71 23 00-0241)		
07 71 23 00-0246 EA 5", Half Round Stainless Steel Gutter End Cap.....	9.56	
<i>For 316 Stainless Steel, Add</i>	2.74	
07 71 23 00-0247 EA 6", Half Round Stainless Steel Gutter End Cap.....	11.00	
<i>For 316 Stainless Steel, Add</i>	3.29	
<b>07 71 23 00-0248 Box Style, Stainless Steel Gutter End Caps</b> (07 71 23 00-0241)		
07 71 23 00-0249 EA 5", Box Style Stainless Steel Gutter End Cap.....	10.13	
<i>For 316 Stainless Steel, Add</i>	2.74	
07 71 23 00-0250 EA 6", Box Style Stainless Steel Gutter End Cap.....	11.57	
<i>For 316 Stainless Steel, Add</i>	3.29	
07 71 23 00-0251 EA 7", Box Style Stainless Steel Gutter End Cap.....	12.07	
<i>For 316 Stainless Steel, Add</i>	3.55	
07 71 23 00-0252 EA 8", Box Style Stainless Steel Gutter End Cap.....	14.62	
<i>For 316 Stainless Steel, Add</i>	4.38	
<b>07 71 23 00-0253 Stainless Steel Gutter Miters</b> (07 71 23 00-0228)		
Note: Inside or outside box miters.		
<b>07 71 23 00-0254 K-Style, Stainless Steel Gutter Miters</b> (07 71 23 00-0253)		
07 71 23 00-0255 EA 5", K-Style Stainless Steel Gutter Miter.....	41.60	
<i>For 316 Stainless Steel, Add</i>	11.34	
07 71 23 00-0256 EA 6", K-Style Stainless Steel Gutter Miter.....	65.51	
<i>For 316 Stainless Steel, Add</i>	20.11	
<b>07 71 23 00-0257 Half Round, Stainless Steel Gutter Miters</b> (07 71 23 00-0253)		
07 71 23 00-0258 EA 5", Half Round Stainless Steel Gutter Miter.....	99.32	
<i>For 316 Stainless Steel, Add</i>	33.27	
07 71 23 00-0259 EA 6", Half Round Stainless Steel Gutter Miter.....	121.27	
<i>For 316 Stainless Steel, Add</i>	41.30	
<b>07 71 23 00-0260 Box-Style, Stainless Steel Gutter Miters</b> (07 71 23 00-0253)		
07 71 23 00-0261 EA 5", Box-Style Stainless Steel Gutter Miter.....	47.56	
<i>For 316 Stainless Steel, Add</i>	13.60	
07 71 23 00-0262 EA 6", Box-Style Stainless Steel Gutter Miter.....	76.09	
<i>For 316 Stainless Steel, Add</i>	24.13	
07 71 23 00-0263 EA 7", Box-Style Stainless Steel Gutter Miter.....	87.49	
<i>For 316 Stainless Steel, Add</i>	28.15	
07 71 23 00-0264 EA 8", Box-Style Stainless Steel Gutter Miter.....	99.01	
<i>For 316 Stainless Steel, Add</i>	32.17	
<b>07 71 23 00-0265 Stainless Steel Gutter Wire Strainers</b> (07 71 23 00-0228)		
07 71 23 00-0266 EA 3" Diameter, Round Stainless Steel Wire Strainer.....	46.60	2.91
07 71 23 00-0267 EA 4" Diameter, Round Stainless Steel Wire Strainer.....	47.71	2.91
<b>07 71 23 00-0268 Stainless Steel Downspouts</b> (07 71 23 00-0228)		
Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0269 Round Stainless Steel Downspouts</b> (07 71 23 00-0268)		
07 71 23 00-0270 LF 3" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	14.95	2.80
<i>For Up To 100', Add</i>	1.95	
<i>For &gt;100 To 250', Add</i>	0.90	
<i>For &gt;1,000', Deduct</i>	-0.30	
<i>For 316 Stainless Steel, Add</i>	4.53	
<i>For 24 Gauge, Add</i>	3.93	
<i>For 22 Gauge, Add</i>	7.87	
<i>For 20 Gauge, Add</i>	11.80	
07 71 23 00-0271 LF 4" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	19.58	2.80
<i>For Up To 100', Add</i>	2.41	
<i>For &gt;100 To 250', Add</i>	1.13	
<i>For &gt;1,000', Deduct</i>	-0.30	
<i>For 316 Stainless Steel, Add</i>	6.29	
<i>For 24 Gauge, Add</i>	5.46	
<i>For 22 Gauge, Add</i>	10.92	
<i>For 20 Gauge, Add</i>	16.38	
07 71 23 00-0272 LF 5" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	28.31	2.80
<i>For Up To 100', Add</i>	3.29	
<i>For &gt;100 To 250', Add</i>	1.57	
<i>For &gt;1,000', Deduct</i>	-0.30	
<i>For 316 Stainless Steel, Add</i>	9.61	
<i>For 24 Gauge, Add</i>	8.34	
<i>For 22 Gauge, Add</i>	16.68	
<i>For 20 Gauge, Add</i>	25.03	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0273	<b>Rectangular Stainless Steel Downspouts</b> (07 71 23 00-0268)		
07 71 23 00-0274	LF 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout.....	15.29	2.80
	For Up To 100', Add	1.98	
	For >100 To 250', Add	0.92	
	For >1,000', Deduct	-0.30	
	For 316 Stainless Steel, Add	4.66	
	For 24 Gauge, Add	4.05	
	For 22 Gauge, Add	8.09	
	For 20 Gauge, Add	12.14	
07 71 23 00-0275	LF 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout.....	20.27	2.80
	For Up To 100', Add	2.48	
	For >100 To 250', Add	1.17	
	For >1,000', Deduct	-0.30	
	For 316 Stainless Steel, Add	6.55	
	For 24 Gauge, Add	5.69	
	For 22 Gauge, Add	11.38	
	For 20 Gauge, Add	17.07	
07 71 23 00-0276	LF 4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....	26.09	2.80
	For Up To 100', Add	3.06	
	For >100 To 250', Add	1.46	
	For >1,000', Deduct	-0.30	
	For 316 Stainless Steel, Add	8.76	
	For 24 Gauge, Add	7.61	
	For 22 Gauge, Add	15.22	
	For 20 Gauge, Add	22.83	
07 71 23 00-0277	<b>Stainless Steel Devices</b> (07 71 23 00-0228)		
07 71 23 00-0278	EA Thru-Wall Stainless Steel Scupper Outlet.....	267.45	26.23
	For 316 Stainless Steel, Add	68.41	
07 71 23 00-0279	EA Stainless Steel Leader/Conductor Head.....	483.65	26.23
	For 316 Stainless Steel, Add	161.64	
07 71 23 00-0280	<b>Vinyl Gutters And Downspouts</b> (07 71 23)		
07 71 23 00-0281	<b>Vinyl Gutters</b> (07 71 23 00-0280)		
	Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282	<b>K-Style Vinyl Gutters</b> (07 71 23 00-0281)		
07 71 23 00-0283	LF 4", K-Style Vinyl Gutter.....	11.67	2.91
	For Up To 100', Add	1.90	
	For >100' To 250', Add	0.83	
	For >1,000', Deduct	-0.49	
07 71 23 00-0284	LF 5", K-Style Vinyl Gutter.....	15.17	2.91
	For Up To 100', Add	2.25	
	For >100' To 250', Add	1.00	
	For >1,000', Deduct	-0.49	
07 71 23 00-0285	<b>Half Round Vinyl Gutters</b> (07 71 23 00-0281)		
07 71 23 00-0286	LF 4", Half Round Vinyl Gutter.....	12.07	2.91
	For Up To 100', Add	1.94	
	For >100' To 250', Add	0.85	
	For >1,000', Deduct	-0.49	
07 71 23 00-0287	LF 5", Half Round Vinyl Gutter.....	12.71	2.91
	For Up To 100', Add	2.00	
	For >100' To 250', Add	0.88	
	For >1,000', Deduct	-0.49	
07 71 23 00-0288	<b>Vinyl Gutter End Caps</b> (07 71 23 00-0280)		
07 71 23 00-0289	<b>K-Style, Vinyl Gutter End Caps</b> (07 71 23 00-0288)		
07 71 23 00-0290	EA 4", K-Style Vinyl Gutter End Cap.....	7.28	
07 71 23 00-0291	EA 5", K-Style Vinyl Gutter End Cap.....	10.19	
07 71 23 00-0292	<b>Half Round, Vinyl Gutter End Caps</b> (07 71 23 00-0288)		
07 71 23 00-0293	EA 4", Half Round Vinyl Gutter End Cap.....	8.35	
07 71 23 00-0294	EA 5", Half Round Vinyl Gutter End Cap.....	7.87	
07 71 23 00-0295	<b>Vinyl Gutter Miters</b> (07 71 23 00-0280)		
	Note: Inside or outside miters.		
07 71 23 00-0296	<b>K-Style, Vinyl Gutter Miters</b> (07 71 23 00-0295)		
07 71 23 00-0297	EA 4", K-Style Vinyl Gutter Miter.....	18.27	
07 71 23 00-0298	EA 5", K-Style Vinyl Gutter Miter.....	27.67	
07 71 23 00-0299	<b>Half Round, Vinyl Gutter Miters</b> (07 71 23 00-0295)		
07 71 23 00-0300	EA 4", Half Round Vinyl Gutter Miter.....	18.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0301 EA 5", Half Round Vinyl Gutter Miter.....	19.89	
<b>07 71 23 00-0302 Vinyl Downspouts</b> (07 71 23 00-0280) Note: Includes elbows, hangers and fasteners.		
<b>07 71 23 00-0303 Round Vinyl Downspouts</b> (07 71 23 00-0302)		
07 71 23 00-0304 LF 2-1/2" Diameter, Round Vinyl Downspout.....	7.68	2.80
For Up To 100', Add	1.22	
For >100 To 250', Add	0.54	
For >1,000', Deduct	-0.30	
07 71 23 00-0305 LF 3" Diameter, Round Vinyl Downspout.....	8.02	2.80
For Up To 100', Add	1.26	
For >100 To 250', Add	0.55	
For >1,000', Deduct	-0.30	
<b>07 71 23 00-0306 Square Vinyl Downspouts</b> (07 71 23 00-0302)		
07 71 23 00-0307 LF 2-1/2", Square Vinyl Downspout.....	7.53	2.80
For Up To 100', Add	1.21	
For >100 To 250', Add	0.53	
For >1,000', Deduct	-0.30	
<b>07 71 23 00-0308 Rectangular Vinyl Downspouts</b> (07 71 23 00-0302)		
07 71 23 00-0309 LF 2" x 3", Rectangular Vinyl Downspout.....	9.73	2.80
For Up To 100', Add	1.43	
For >100 To 250', Add	0.64	
For >1,000', Deduct	-0.30	
<b>07 71 23 00-0310 Gutter And Downspout Boots</b> (07 71 23)		
<b>07 71 23 00-0311 Cast Iron Roof Drainage Downspout Boots</b> (07 71 23 00-0310)		
07 71 23 00-0312 EA 2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	344.48	4.20
07 71 23 00-0313 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	449.39	4.20
07 71 23 00-0314 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	536.62	4.20
<b>07 71 23 00-0315 Cast Iron Roof Drainage Downspout Boots With Cleanouts</b> (07 71 23 00-0310)		
07 71 23 00-0316 EA 3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout.....	596.01	4.20
07 71 23 00-0317 EA 4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout.....	728.39	4.20
07 71 23 00-0318 EA 5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout.....	1,322.89	4.20
<b>07 71 23 00-0319 Wall Mounted Downspout Covers With Hinged Perforated Cover</b> (07 71 23)		
07 71 23 00-0320 EA 3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03).....	1,187.39	28.61
For Polished Brass Finish (-PB), Add	113.02	
For Chrome Plated Finish (-CP), Add	169.53	
For Vandal Proof (-U), Add	56.51	
07 71 23 00-0321 EA 4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....	1,206.46	38.14
For Polished Brass Finish (-PB), Add	113.02	
For Chrome Plated Finish (-CP), Add	169.53	
For Vandal Proof (-U), Add	56.51	
07 71 23 00-0322 EA 6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....	1,298.58	52.48
For Polished Brass Finish (-PB), Add	119.36	
For Chrome Plated Finish (-CP), Add	179.05	
For Vandal Proof (-U), Add	59.68	
07 71 23 00-0323 EA 8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....	1,383.59	66.26
For Polished Brass Finish (-PB), Add	125.11	
For Chrome Plated Finish (-CP), Add	187.66	
For Vandal Proof (-U), Add	62.55	
07 71 23 00-0324 EA 10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10).....	1,487.09	81.63
For Polished Brass Finish (-PB), Add	132.38	
For Chrome Plated Finish (-CP), Add	198.58	
For Vandal Proof (-U), Add	66.19	
07 71 23 00-0325 EA 12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12).....	1,632.17	113.95
For Polished Brass Finish (-PB), Add	140.43	
For Chrome Plated Finish (-CP), Add	210.64	
For Vandal Proof (-U), Add	70.21	
07 71 23 00-0326 EA 15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15).....	1,800.53	158.48
For Polished Brass Finish (-PB), Add	148.36	
For Chrome Plated Finish (-CP), Add	222.54	
For Vandal Proof (-U), Add	74.18	
<b>07 71 23 00-0327 Wall Mounted Downspout Nozzle</b> (07 71 23)		
07 71 23 00-0328 EA 3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03).....	301.19	28.61
For Nickel Bronze Finish (-NB), Add	170.79	
For Polished Bronze Finish (-PB), Add	134.19	
For Chrome Plated Finish (-CP), Add	217.14	



**07 Thermal And Moisture Protection****07 70 Roof and Wall Specialties and Accessories****07 71 Roof Specialties**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 71 23 00-0329	EA 4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04) .....	320.26	38.14
	For Nickel Bronze Finish (-NB), Add	170.79	
	For Polished Bronze Finish (-PB), Add	134.19	
	For Chrome Plated Finish (-CP), Add	217.14	
07 71 23 00-0330	EA 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06) .....	683.71	52.48
	For Nickel Bronze Finish (-NB), Add	173.63	
	For Polished Bronze Finish (-PB), Add	98.39	
	For Chrome Plated Finish (-CP), Add	254.66	
07 71 23 00-0331	EA 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08) .....	1,011.06	66.26
	For Nickel Bronze Finish (-NB), Add	149.35	
	For Polished Bronze Finish (-PB), Add	114.21	
	For Chrome Plated Finish (-CP), Add	254.78	
07 71 23 00-0332	EA 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10) .....	1,303.83	81.63
	For Nickel Bronze Finish (-NB), Add	193.90	
	For Polished Bronze Finish (-PB), Add	148.28	
	For Chrome Plated Finish (-CP), Add	330.77	
07 71 23 00-0333	EA 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12) .....	1,662.80	113.95
	For Nickel Bronze Finish (-NB), Add	243.93	
	For Polished Bronze Finish (-PB), Add	186.53	
	For Chrome Plated Finish (-CP), Add	416.12	
<b>07 71 23 00-0334</b>	<b>Leaf Guards And Cleaning (07 71 23)</b>		
07 71 23 00-0335	LF Aluminum Mesh Gutter Leaf Guard .....	4.05	0.96
	For Up To 100', Add	0.69	
	For >100' To 250', Add	0.30	
	For >1,000', Deduct	-0.19	
07 71 23 00-0336	LF Vinyl Mesh Gutter Leaf Guard .....	3.11	0.96
	For Up To 100', Add	0.59	
	For >100' To 250', Add	0.25	
	For >1,000', Deduct	-0.19	
07 71 23 00-0337	LF 6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....	16.88	1.19
	For Up To 100', Add	2.05	
	For >100' To 250', Add	0.96	
	For >1,000', Deduct	-0.24	
07 71 23 00-0338	LF 9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire .....	24.15	1.19
	For Up To 100', Add	2.78	
	For >100' To 250', Add	1.33	
	For >1,000', Deduct	-0.24	
07 71 23 00-0339	LF 6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....	12.85	1.19
	For Up To 100', Add	1.57	
	For >100' To 250', Add	0.74	
	For >1,000', Deduct	-0.19	
07 71 23 00-0340	LF 9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh .....	19.82	1.19
	For Up To 100', Add	2.27	
	For >100' To 250', Add	1.09	
	For >1,000', Deduct	-0.19	
07 71 23 00-0341	EA Cleanout Roof Drain .....	149.62	
	Note: Includes removing dome and flushing.		
07 71 23 00-0342	LF Cleanout Roof Gutters And Downspouts .....	1.72	
<b>07 71 26</b>	<b>Reglets (07 71)</b>		
07 71 26 00-0001	Counter Flashing With Reglet (07 71 26) Note: Includes reglet cut.		
07 71 26 00-0002	Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003	Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004	LF 28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	15.38	4.85
07 71 26 00-0005	LF 26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	15.54	4.85
07 71 26 00-0006	LF 24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	15.81	4.85
07 71 26 00-0007	LF 22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	16.84	4.85
07 71 26 00-0008	LF 20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	17.43	4.85
07 71 26 00-0009	LF 18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet .....	18.10	4.85
07 71 26 00-0010	KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011	LF 28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	17.94	4.85
07 71 26 00-0012	LF 26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	18.16	4.85
07 71 26 00-0013	LF 24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	18.56	4.85
07 71 26 00-0014	LF 22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	20.05	4.85
07 71 26 00-0015	LF 20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	20.90	4.85
07 71 26 00-0016	LF 18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet .....	21.88	4.85
07 71 26 00-0017	Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018	KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0019	LF 0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet .....	14.50	4.85
07 71 26 00-0020	LF 0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet .....	15.26	4.85
07 71 26 00-0021	LF 0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet .....	16.02	4.85
07 71 26 00-0022	LF 0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet .....	16.57	4.85



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0023 LF 0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	17.79	4.85
07 71 26 00-0024 LF 0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	19.56	4.85
<b>07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)</b>		
07 71 26 00-0026 LF 0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	12.77	4.85
07 71 26 00-0027 LF 0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	13.25	4.85
07 71 26 00-0028 LF 0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	13.74	4.85
07 71 26 00-0029 LF 0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	14.09	4.85
07 71 26 00-0030 LF 0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	14.87	4.85
07 71 26 00-0031 LF 0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet .....	16.00	4.85
<b>07 71 26 00-0032 Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)</b>		
07 71 26 00-0033 LF 0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	14.15	4.85
07 71 26 00-0034 LF 0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	14.85	4.85
07 71 26 00-0035 LF 0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	15.55	4.85
07 71 26 00-0036 LF 0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	16.06	4.85
07 71 26 00-0037 LF 0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	17.19	4.85
07 71 26 00-0038 LF 0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet .....	18.83	4.85
<b>07 71 26 00-0039 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)</b>		
<b>07 71 26 00-0040 Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)</b>		
07 71 26 00-0041 LF 24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	19.45	4.85
07 71 26 00-0042 LF 22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	20.75	4.85
07 71 26 00-0043 LF 20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	21.18	4.85
<b>07 71 26 00-0044 Copper Counter Flashing With Reglet (07 71 26 00-0001)</b>		
<b>07 71 26 00-0045 Copper Counter Flashing With Reglet (07 71 26 00-0044)</b>		
07 71 26 00-0046 LF 16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	50.77	4.85

**07 72 Roof Accessories (07 70)**

**07 72 13 Manufactured Curbs (07 72)**

<b>07 72 13 00-0001 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)</b>		
<i>Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.</i>		
<b>07 72 13 00-0002 Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)</b>		
<i>Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.</i>		
<b>07 72 13 00-0003 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)</b>		
<b>07 72 13 00-0004 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)</b>		
07 72 13 00-0005 EA 26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	943.41	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>		
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>		
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>		
07 72 13 00-0006 EA 26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	958.97	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>		
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>		
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>		
07 72 13 00-0007 EA 26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,038.97	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>		
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>		
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>		
07 72 13 00-0008 EA 26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,098.60	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>		
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>		
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>		
07 72 13 00-0009 EA 26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,142.68	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>		
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>		
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>		
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>		

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0010	EA		26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,391.23	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.01	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	242.13	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-108.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-9.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	31.71	
07 72 13 00-0011	EA		38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	964.15	231.12
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.52	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	163.94	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.51	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.25	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	138.73	
07 72 13 00-0012	EA		38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,041.56	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.65	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	175.81	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-62.50	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.60	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	66.89	
07 72 13 00-0013	EA		38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,075.27	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.03	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	182.55	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-77.39	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.81	
07 72 13 00-0014	EA		38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,088.23	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.32	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	185.14	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0015	EA		38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,349.74	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	98.86	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	233.84	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0016	EA		38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,476.41	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.92	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	255.56	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.24	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	166.03	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	218.67	
07 72 13 00-0017	EA		50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,160.83	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.58	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	199.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0018	EA		50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,266.77	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	90.56	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	217.24	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-96.74	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-6.83	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.03	
07 72 13 00-0019	EA		50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,295.29	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	93.42	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	222.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0020	EA		50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,421.96	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	102.47	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	244.67	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-133.97	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-35.27	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	34.91	
07 72 13 00-0021	EA		51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,525.31	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	109.20	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	261.73	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0022	EA		51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,649.39	375.57
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	117.99	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	282.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-184.58	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-46.40	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	28.17	
07 72 13 00-0023	EA		62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,295.29	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	93.42	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	222.95	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0024 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,393.44	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	99.62	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	238.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-139.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.54	
07 72 13 00-0025 EA 62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,522.71	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	108.94	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	261.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-181.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-74.13	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	-10.51	
07 72 13 00-0026 EA 62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,548.64	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	111.53	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	266.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	147.61	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	257.27	
07 72 13 00-0027 EA 62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,677.92	375.57
For Sloped Roofs Up To 1 In 12 Pitch, Add	120.85	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	288.64	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-229.22	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-119.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	20.80	
<b>07 72 13 00-0028 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b>		
(07 72 13 00-0003)		
07 72 13 00-0029 EA 26" x 26" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	977.12	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	68.82	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	166.53	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-32.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.31	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.44	
07 72 13 00-0030 EA 26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	984.90	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	69.60	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.09	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-40.19	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.22	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.15	
07 72 13 00-0031 EA 26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,064.89	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	73.99	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-49.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.64	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.00	
07 72 13 00-0032 EA 26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,132.31	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	80.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-65.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.20	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	48.56	
07 72 13 00-0033 EA 26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,181.57	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	85.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	203.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	127.54	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	140.70	
07 72 13 00-0034 EA 26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,422.34	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	106.12	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	248.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-108.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-9.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	31.71	
07 72 13 00-0035 EA 38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	987.49	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	69.86	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.61	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	138.73	
07 72 13 00-0036 EA 38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,111.57	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	78.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	189.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-62.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	29.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.89	
07 72 13 00-0037 EA 38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,163.42	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	83.84	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	200.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-77.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.81	



**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0038	EA		38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,223.06	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	89.80	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	212.11	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0039	EA		38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,391.23	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.01	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	242.13	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0040	EA		38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,528.27	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	113.10	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	265.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.24	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	166.03	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	218.67	
07 72 13 00-0041	EA		50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,191.95	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.69	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	205.89	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0042	EA		50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,292.70	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	93.16	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	222.43	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-96.74	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-6.83	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.03	
07 72 13 00-0043	EA		50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,334.18	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.31	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	230.72	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0044	EA		50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,463.45	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	106.62	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	252.97	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-133.97	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-35.27	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	34.91	
07 72 13 00-0045	EA		51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,574.57	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.12	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	271.58	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0046	EA		51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,706.44	375.57
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	123.70	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	294.34	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-184.58	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-46.40	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	28.17	
07 72 13 00-0047	EA		62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,334.18	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.31	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	230.72	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	
07 72 13 00-0048	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,434.93	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.77	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	247.26	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0049	EA		62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,566.79	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	113.34	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	270.02	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-181.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-74.13	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-10.51	
07 72 13 00-0050	EA		62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,600.50	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	116.71	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	276.76	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0051 EA 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,734.96	375.57
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.55	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	300.05	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-229.22	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-119.57	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	20.80	
<b>07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)</b>		
07 72 13 00-0053 EA 26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	995.27	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.64	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	170.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0054 EA 26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,003.05	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.41	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	171.72	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-40.19	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.22	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.15	
07 72 13 00-0055 EA 26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,077.86	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.28	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	183.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0056 EA 26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,153.05	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.80	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	198.11	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-65.48	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	33.20	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	48.56	
07 72 13 00-0057 EA 26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,210.10	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.51	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	209.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0058 EA 26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,458.64	288.90
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	109.75	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	255.62	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-108.66	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-9.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	31.71	
07 72 13 00-0059 EA 38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,003.05	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.41	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	171.72	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.51	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.25	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	138.73	
07 72 13 00-0060 EA 38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,077.86	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.28	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	183.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-62.50	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	66.89	
07 72 13 00-0061 EA 38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,210.10	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.51	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	209.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-77.39	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.81	
07 72 13 00-0062 EA 38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,272.33	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.73	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	221.96	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0063 EA 38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,422.34	288.90
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	106.12	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	248.36	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0064 EA 38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,561.98	317.80
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	116.47	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	272.67	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.24	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	166.03	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	218.67	



**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR TOTAL DIRECT DEMOLITION  
 CSI UOM DESCRIPTION UNIT COST UNIT COST

07 72 13 00-0065	EA	50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,212.69	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.77	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	210.04	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0066	EA	50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,228.91	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.78	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	209.67	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-96.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-6.83	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.03	
07 72 13 00-0067	EA	50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,360.11	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.90	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	235.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0068	EA	50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,494.56	317.80
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	109.73	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	259.19	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-133.97	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-35.27	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	34.91	
07 72 13 00-0069	EA	51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,605.69	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	117.23	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	277.80	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0070	EA	51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,742.74	375.57
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	127.33	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	301.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-184.58	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-46.40	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	28.17	
07 72 13 00-0071	EA	62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,360.11	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.90	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	235.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	
07 72 13 00-0072	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,463.45	317.80
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	106.62	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	252.97	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0073	EA	62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,600.50	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	116.71	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	276.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-181.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-74.13	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-10.51	
07 72 13 00-0074	EA	62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,634.21	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	120.09	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	283.51	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	
07 72 13 00-0075	EA	62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,773.85	375.57
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	130.44	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	307.82	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-229.22	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-119.57	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	20.80	
07 72 13 00-0076		14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0077		9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0078	EA	26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	914.89	231.12
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.60	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	154.09	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0079	EA	26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	948.59	231.12
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.97	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	160.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-40.19	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0080 EA 26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,085.64	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	76.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-49.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.64	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.00	
07 72 13 00-0081 EA 26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,163.42	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	83.84	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	200.18	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-65.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.20	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	48.56	
07 72 13 00-0082 EA 26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,220.47	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	89.55	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	211.59	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	127.54	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	140.70	
07 72 13 00-0083 EA 26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,500.13	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	113.90	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	263.91	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-108.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-9.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	31.71	
07 72 13 00-0084 EA 38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,010.82	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	72.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	173.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	138.73	
07 72 13 00-0085 EA 38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,106.38	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	78.14	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	188.77	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-62.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	29.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.89	
07 72 13 00-0086 EA 38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,132.31	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	80.73	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-77.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.81	
07 72 13 00-0087 EA 38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,155.65	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	83.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	198.63	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	125.68	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	154.19	
07 72 13 00-0088 EA 38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,437.90	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	107.68	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	251.47	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	142.56	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.43	
07 72 13 00-0089 EA 38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,580.13	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	118.29	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	276.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	166.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	218.67	
07 72 13 00-0090 EA 50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,223.06	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	89.80	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	212.11	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-80.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.25	
07 72 13 00-0091 EA 50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,331.59	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	97.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	230.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-96.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-6.83	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.03	
07 72 13 00-0092 EA 50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,373.08	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	101.20	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	238.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	
07 72 13 00-0093 EA 50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,510.12	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	111.29	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	262.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-133.97	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-35.27	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	34.91	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0094	EA		51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,621.24	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.79	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	280.91	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0095	EA		51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,760.89	375.57
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	129.14	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	305.23	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-184.58	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-46.40	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	28.17	
07 72 13 00-0096	EA		62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,373.08	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	101.20	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	238.50	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	
07 72 13 00-0097	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,476.41	317.80
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.92	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	255.56	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0098	EA		62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,616.06	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.27	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	279.88	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-181.60	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-74.13	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-10.51	
07 72 13 00-0099	EA		62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,652.36	346.68
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	121.90	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	287.14	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	
07 72 13 00-0100	EA		62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,794.60	375.57
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	132.51	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	311.97	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-229.22	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-119.57	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	20.80	
07 72 13 00-0101			<b>12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs</b>		
			<small>(07 72 13 00-0076)</small>		
07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	938.22	231.12
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.93	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	158.75	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	977.12	231.12
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.82	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	166.53	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-40.19	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.22	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.15	
07 72 13 00-0104	EA		26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,124.53	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.95	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	192.40	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0105	EA		26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,210.10	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.51	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	209.52	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-65.48	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	33.20	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	48.56	
07 72 13 00-0106	EA		26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,280.10	260.01
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	95.51	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	223.52	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0107	EA		26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,510.50	288.90
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.94	
			<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	265.99	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-108.66	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-9.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	31.71	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0108 EA 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,044.53	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	75.56	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.02	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.25	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	138.73	
07 72 13 00-0109 EA 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,147.87	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	82.29	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	197.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-62.50	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	29.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	66.89	
07 72 13 00-0110 EA 38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,181.57	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	85.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	203.81	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-77.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.81	
07 72 13 00-0111 EA 38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,212.69	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	88.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	125.68	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	154.19	
07 72 13 00-0112 EA 38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,500.13	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	113.90	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	263.91	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	142.56	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.43	
07 72 13 00-0113 EA 38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,655.32	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	125.81	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	291.34	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	166.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	218.67	
07 72 13 00-0114 EA 50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,269.73	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	94.47	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	221.44	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-80.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.25	
07 72 13 00-0115 EA 50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,383.45	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	102.23	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	240.58	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-96.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-6.83	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.03	
07 72 13 00-0116 EA 50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,432.71	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	107.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	250.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	
07 72 13 00-0117 EA 50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,572.35	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	117.51	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	274.75	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-133.97	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-35.27	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	34.91	
07 72 13 00-0118 EA 51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,693.85	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	126.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	295.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	156.71	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	211.54	
07 72 13 00-0119 EA 51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,843.86	375.57
For Sloped Roofs Up To 1 In 12 Pitch, Add	137.44	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	321.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-184.58	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-46.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	28.17	
07 72 13 00-0120 EA 62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,432.71	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	107.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	250.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.98	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.70	
07 72 13 00-0121 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,543.83	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	114.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	269.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-139.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.54	





MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

07 72 13 00-0122	EA 62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,688.66	346.68
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	125.53	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	294.40	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-181.60	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-74.13	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-10.51	
07 72 13 00-0123	EA 62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,727.55	346.68
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	129.42	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	302.17	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	
07 72 13 00-0124	EA 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,882.76	375.57
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	141.33	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	329.61	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-229.22	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-119.57	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	20.80	

## 07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof

Curbs (07 72 13 00-0076)

07 72 13 00-0126	EA 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	956.37	231.12
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	66.75	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	162.38	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0127	EA 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	997.86	231.12
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.90	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	170.68	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-40.19	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.22	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.15	
07 72 13 00-0128	EA 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,147.87	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.29	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	197.07	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0129	EA 26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,241.21	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.62	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	215.74	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-65.48	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	33.20	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	48.56	
07 72 13 00-0130	EA 26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,319.00	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.40	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	231.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0131	EA 26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,593.47	288.90
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	123.23	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	282.58	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-108.66	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-9.95	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	31.71	
07 72 13 00-0132	EA 38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,070.46	231.12
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	78.16	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	185.20	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.51	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.25	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	138.73	
07 72 13 00-0133	EA 38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,191.95	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.69	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	205.89	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-62.50	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.60	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	66.89	
07 72 13 00-0134	EA 38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,238.62	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.36	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	215.22	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-77.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.81	
07 72 13 00-0135	EA 38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,248.99	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	92.40	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	217.30	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Roof and Wall Specialties and Accessories</b>	<b>07 70</b>
<b>Roof Accessories</b>	<b>07 72</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0136 EA 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,546.80	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	118.57	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	273.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	142.56	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.43	
07 72 13 00-0137 EA 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,707.18	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	130.99	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	301.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	166.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	218.67	
07 72 13 00-0138 EA 50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,300.85	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	97.58	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	227.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-80.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.25	
07 72 13 00-0139 EA 50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,310.06	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	94.89	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	225.90	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-96.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-6.83	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.03	
07 72 13 00-0140 EA 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,471.61	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	111.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	258.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	
07 72 13 00-0141 EA 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,619.02	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	122.18	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	284.08	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-133.97	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-35.27	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	34.91	
07 72 13 00-0142 EA 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,740.52	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	130.72	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	304.77	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	156.71	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	211.54	
07 72 13 00-0143 EA 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,900.91	375.57
For Sloped Roofs Up To 1 In 12 Pitch, Add	143.14	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	333.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-184.58	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-46.40	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	28.17	
07 72 13 00-0144 EA 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,471.61	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	111.05	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	258.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.98	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.70	
07 72 13 00-0145 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,590.50	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	119.33	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	278.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-139.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.54	
07 72 13 00-0146 EA 62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,732.74	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	129.94	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	303.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-181.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-74.13	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	-10.51	
07 72 13 00-0147 EA 62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,779.41	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	134.61	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	312.55	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	147.61	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	257.27	
07 72 13 00-0148 EA 62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,939.80	375.57
For Sloped Roofs Up To 1 In 12 Pitch, Add	147.03	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	341.01	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-229.22	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-119.57	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	20.80	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 72 13 00-0149	Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <sup>(07 72 13 00-0001)</sup> Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.		
07 72 13 00-0150	6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0151	EA 14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	898.80	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	60.99	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	150.87	
07 72 13 00-0152	EA 23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,041.30	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	75.24	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	179.37	
07 72 13 00-0153	EA 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,192.77	260.01
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	86.78	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	206.05	
07 72 13 00-0154	EA 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,306.55	260.01
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	98.15	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	228.81	
07 72 13 00-0155	EA 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,444.95	288.90
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	108.38	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	252.88	
07 72 13 00-0156	12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0157	EA 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,107.46	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	81.86	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	192.60	
07 72 13 00-0158	EA 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,300.86	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	101.20	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	231.28	
07 72 13 00-0159	EA 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,378.53	260.01
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	105.35	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	243.20	
07 72 13 00-0160	EA 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,451.24	260.01
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	112.62	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	257.75	
07 72 13 00-0161	EA 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,625.25	288.90
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	126.41	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	288.94	
07 72 13 00-0162	EA 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	2,587.41	317.80
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	219.02	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	477.76	
07 72 13 00-0163	18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs <sup>(07 72 13 00-0149)</sup>		
07 72 13 00-0164	EA 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,450.27	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	116.14	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	261.16	
07 72 13 00-0165	EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,648.02	231.12
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	135.91	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	300.71	
07 72 13 00-0166	EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb .....	1,955.08	260.01
	For Sloped Roofs Up To 1 In 12 Pitch, Add .....	163.01	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add .....	358.51	
07 72 13 00-0167	Wood, Prefabricated Roof Curbs <sup>(07 72 13)</sup> Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0168	Wood Framed, Prefabricated Roof Curbs <sup>(07 72 13 00-0167)</sup>		
07 72 13 00-0169	2 x 6 Wood Framed, Prefabricated Roof Curbs <sup>(07 72 13 00-0168)</sup>		



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Roof and Wall Specialties and Accessories</b>	<b>07 70</b>
<b>Roof Accessories</b>	<b>07 72</b>

07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0170 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	755.47	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	46.66	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	122.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-32.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.31	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.44	
07 72 13 00-0171 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	840.85	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	51.58	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	135.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-49.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.64	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.00	
07 72 13 00-0172 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	897.87	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.29	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	127.54	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	140.70	
07 72 13 00-0173 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	891.29	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	56.63	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-77.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.81	
07 72 13 00-0174 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	906.65	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	58.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	148.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	125.68	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	154.19	
07 72 13 00-0175 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	1,016.16	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	65.50	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	142.56	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.43	
07 72 13 00-0176 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	902.26	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.72	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.95	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-80.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.25	
07 72 13 00-0177 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	1,035.90	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	67.48	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	171.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	
07 72 13 00-0178 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	1,180.35	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	74.70	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	192.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	156.71	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	211.54	
07 72 13 00-0179 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	996.42	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	63.53	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.98	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.70	
07 72 13 00-0180 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	1,094.96	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	69.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.27	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-139.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.54	
07 72 13 00-0181 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb .....	1,224.22	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	79.09	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.51	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	147.61	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	257.27	
<b>07 72 13 00-0182 2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)</b>		
07 72 13 00-0183 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....	768.63	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	47.97	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	124.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-32.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.31	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.44	

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0184	EA		26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....856.20 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	53.12 138.74 -49.12 27.64 43.00	260.01
07 72 13 00-0185	EA		26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....939.55 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	61.45 155.41 20.07 127.54 140.70	260.01
07 72 13 00-0186	EA		38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....917.61 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	59.26 151.02 -77.39 19.10 49.81	260.01
07 72 13 00-0187	EA		38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....939.55 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	61.45 155.41 20.40 125.68 154.19	260.01
07 72 13 00-0188	EA		38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,049.06 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	68.79 173.70 26.32 142.56 186.43	288.90
07 72 13 00-0189	EA		50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....926.39 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	60.14 152.78 -80.38 16.12 40.25	260.01
07 72 13 00-0190	EA		50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,066.61 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	70.55 177.21 -114.60 -37.85 36.72	288.90
07 72 13 00-0191	EA		51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,211.06 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	77.77 198.88 33.89 156.71 211.54	346.68
07 72 13 00-0192	EA		62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,020.55 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.94 168.00 26.98 99.36 182.70	288.90
07 72 13 00-0193	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,123.48 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	72.62 184.97 -139.92 -32.45 35.54	317.80
07 72 13 00-0194	EA		62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb .....1,254.92 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	82.16 207.65 40.14 147.61 257.27	346.68
07 72 13 00-0195			<b>2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0188)</b> .....777.40		
07 72 13 00-0196	EA		26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....777.40 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	48.85 126.59 -32.73 13.31 37.44	231.12
07 72 13 00-0197	EA		26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb .....871.55 <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	54.65 141.81 -49.12 27.64 43.00	260.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0198 EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	943.93 61.89 156.28 20.07 127.54 140.70	260.01
07 72 13 00-0199 EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	932.97 60.80 154.09 -77.39 19.10 49.81	260.01
07 72 13 00-0200 EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	959.29 63.43 159.36 20.40 125.68 154.19	260.01
07 72 13 00-0201 EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,070.99 70.99 178.09 26.32 142.56 186.43	288.90
07 72 13 00-0202 EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	941.74 61.67 155.85 -80.38 16.12 40.25	260.01
07 72 13 00-0203 EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,086.35 72.52 181.16 -114.60 -37.85 36.72	288.90
07 72 13 00-0204 EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,230.80 79.74 202.82 33.89 156.71 211.54	346.68
07 72 13 00-0205 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,035.90 67.48 171.07 26.98 99.36 182.70	288.90
07 72 13 00-0206 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,141.02 74.38 188.48 -139.92 -32.45 35.54	317.80
07 72 13 00-0207 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,276.86 84.35 212.04 40.14 147.61 257.27	346.68
<b>07 72 13 00-0208 2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0198)</b>		
07 72 13 00-0209 EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	788.37 49.95 128.78 -32.73 13.31 37.44	231.12
07 72 13 00-0210 EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	880.33 55.53 143.56 -49.12 27.64 43.00	260.01
07 72 13 00-0211 EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb ..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	963.67 63.87 160.23 20.07 127.54 140.70	260.01



**07 Thermal And Moisture Protection****07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0212	EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	981.22	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.62	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	163.74	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0213	EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	1,095.12	288.90
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	73.40	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	182.91	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0214	EA 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	961.48	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.65	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	159.79	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0215	EA 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	1,108.28	288.90
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	74.72	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	185.54	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0216	EA 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	1,257.12	346.68
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.38	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	208.09	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0217	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb .....	1,158.57	317.80
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.13	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	191.99	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0218	Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0219	2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0220	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	773.01	231.12
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.41	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	125.71	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0221	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	856.20	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.12	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	138.74	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0222	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	926.39	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.14	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	152.78	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0223	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	911.03	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.60	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	149.70	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-77.39	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.10	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.81	
07 72 13 00-0224	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	930.77	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.58	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	153.65	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0225	EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,042.48	288.90
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.14	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	172.38	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0226	EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	922.00	260.01
	<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	59.70	
	<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	151.90	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
	<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
	<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0227 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,060.03	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	69.89	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	175.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	
07 72 13 00-0228 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,204.48	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	77.11	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	197.56	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.89	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	156.71	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	211.54	
07 72 13 00-0229 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,022.74	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	66.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.44	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.98	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	99.36	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.70	
07 72 13 00-0230 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,119.09	317.80
For Sloped Roofs Up To 1 In 12 Pitch, Add	72.19	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.09	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-139.92	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.45	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.54	
07 72 13 00-0231 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb .....	1,254.92	346.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	82.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	207.65	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	40.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	147.61	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	257.27	
<b>07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)</b>		
07 72 13 00-0233 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	788.37	231.12
For Sloped Roofs Up To 1 In 12 Pitch, Add	49.95	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	128.78	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-32.73	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.31	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.44	
07 72 13 00-0234 EA 26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	873.75	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	54.87	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	142.25	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-49.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.64	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.00	
07 72 13 00-0235 EA 26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	952.71	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	62.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	158.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.07	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	127.54	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	140.70	
07 72 13 00-0236 EA 38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	937.35	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	61.23	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	154.97	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-77.39	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.81	
07 72 13 00-0237 EA 38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	965.87	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	64.09	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	160.67	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	20.40	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	125.68	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	154.19	
07 72 13 00-0238 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,081.96	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	72.08	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.28	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	142.56	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	186.43	
07 72 13 00-0239 EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	952.71	260.01
For Sloped Roofs Up To 1 In 12 Pitch, Add	62.77	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	158.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-80.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.25	
07 72 13 00-0240 EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,097.31	288.90
For Sloped Roofs Up To 1 In 12 Pitch, Add	73.62	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	183.35	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-114.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-37.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.72	



**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR TOTAL DIRECT DEMOLITION  
 CSI UOM DESCRIPTION UNIT COST UNIT COST

07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,246.15	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	81.28	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	205.89	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,051.26	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.01	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	174.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,151.99	317.80
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.48	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	190.67	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb .....	1,292.21	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.89	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	215.11	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	
<b>07 72 13 00-0245 2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)</b>				
07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	801.53	231.12
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.26	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	131.42	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	891.29	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	56.63	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	145.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	979.03	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.40	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	163.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0249	EA	38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	957.09	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.21	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	158.92	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-77.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.81	
07 72 13 00-0250	EA	38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	992.18	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	66.72	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	165.93	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0251	EA	38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,110.47	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	74.93	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	185.98	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0252	EA	50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	972.45	260.01
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.74	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	161.99	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0253	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,121.44	288.90
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	76.03	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	188.18	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0254	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,272.47	346.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.91	
		<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	211.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0255 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,073.19	288.90
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.21	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	178.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.98	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	99.36	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	182.70	
07 72 13 00-0256 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,176.11	317.80
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	77.89	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	195.50	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
07 72 13 00-0257 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb .....	1,320.72	346.68
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.74	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	220.81	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	40.14	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	147.61	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	257.27	
<b>07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs</b> <small>(07 72 13 00-0218)</small>		
07 72 13 00-0259 EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	827.85	231.12
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.89	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	136.68	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-32.73	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.31	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.44	
07 72 13 00-0260 EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	904.45	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	57.94	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	148.39	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-49.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.64	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	43.00	
07 72 13 00-0261 EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	998.76	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.37	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	167.25	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	127.54	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	140.70	
07 72 13 00-0262 EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,014.12	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.91	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	170.32	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	20.40	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	125.68	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	154.19	
07 72 13 00-0263 EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,193.82	288.90
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.27	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	202.65	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	26.32	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	142.56	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	186.43	
07 72 13 00-0264 EA 50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,036.05	260.01
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.10	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	174.71	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-80.38	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.12	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	40.25	
07 72 13 00-0265 EA 50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,198.21	288.90
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.71	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	203.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-114.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-37.85	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.72	
07 72 13 00-0266 EA 51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,360.20	346.68
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	92.68	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	228.70	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	33.89	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	156.71	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	211.54	
07 72 13 00-0267 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb .....	1,257.27	317.80
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.00	
<i>For Sloped Roofs &gt;1 In 12 To 3 In 12 Pitch, Add</i>	211.73	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-139.92	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-32.45	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.54	
<b>07 72 23 Relief Vents</b> <small>(07 72)</small>		
07 72 23 00-0001 Wind Driven Turbine Ventilators <small>(07 72 23)</small>		
Note: Excludes curb or flange base.		
07 72 23 00-0002 Galvanized Steel, Wind Driven Turbine Ventilators <small>(07 72 23 00-0001)</small>		
07 72 23 00-0003 EA 6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	185.98	32.57
<i>For Curb Or Flange Base, Add</i>	201.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	224.04	36.07
			<i>For Curb Or Flange Base, Add</i>	220.52	
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	240.41	43.05
			<i>For Curb Or Flange Base, Add</i>	243.76	
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	473.66	47.70
			<i>For Curb Or Flange Base, Add</i>	403.77	
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	656.51	53.52
			<i>For Curb Or Flange Base, Add</i>	436.50	
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	794.41	58.17
			<i>For Curb Or Flange Base, Add</i>	474.10	
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	1,017.66	65.15
			<i>For Curb Or Flange Base, Add</i>	583.48	
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator .....	1,688.00	87.26
			<i>For Curb Or Flange Base, Add</i>	967.01	
<b>07 72 23 00-0011</b>			<b>Mill Finish Aluminum, Wind Driven Turbine Ventilators</b> (07 72 23 00-0001)		
07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	168.84	32.57
			<i>For Curb Or Flange Base, Add</i>	198.66	
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	211.30	36.07
			<i>For Curb Or Flange Base, Add</i>	218.53	
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	236.06	43.05
			<i>For Curb Or Flange Base, Add</i>	241.33	
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	426.68	47.70
			<i>For Curb Or Flange Base, Add</i>	421.53	
07 72 23 00-0016	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	552.31	53.52
			<i>For Curb Or Flange Base, Add</i>	449.72	
07 72 23 00-0017	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	700.80	58.17
			<i>For Curb Or Flange Base, Add</i>	507.65	
07 72 23 00-0018	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	948.98	65.15
			<i>For Curb Or Flange Base, Add</i>	614.69	
07 72 23 00-0019	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator .....	1,415.60	87.26
			<i>For Curb Or Flange Base, Add</i>	927.71	
<b>07 72 23 00-0020</b>			<b>Stationary Siphon Ventilators</b> (07 72 23)		
			Note: Excludes curb or flange base.		
<b>07 72 23 00-0021</b>			<b>Galvanized Steel, Stationary Siphon Ventilators</b> (07 72 23 00-0020)		
07 72 23 00-0022	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	155.36	32.57
			<i>For Curb Or Flange Base, Add</i>	201.05	
07 72 23 00-0023	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	206.53	36.07
			<i>For Curb Or Flange Base, Add</i>	220.52	
07 72 23 00-0024	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	226.06	43.05
			<i>For Curb Or Flange Base, Add</i>	243.76	
07 72 23 00-0025	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	395.10	47.70
			<i>For Curb Or Flange Base, Add</i>	403.77	
07 72 23 00-0026	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	457.69	53.52
			<i>For Curb Or Flange Base, Add</i>	436.50	
07 72 23 00-0027	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	653.90	58.17
			<i>For Curb Or Flange Base, Add</i>	474.10	
07 72 23 00-0028	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	854.81	65.15
			<i>For Curb Or Flange Base, Add</i>	583.48	
07 72 23 00-0029	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator .....	1,241.28	87.26
			<i>For Curb Or Flange Base, Add</i>	967.01	
<b>07 72 23 00-0030</b>			<b>Mill Finish Aluminum, Stationary Siphon Ventilators</b> (07 72 23 00-0020)		
07 72 23 00-0031	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	162.05	32.57
			<i>For Curb Or Flange Base, Add</i>	198.66	
07 72 23 00-0032	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	215.36	36.07
			<i>For Curb Or Flange Base, Add</i>	218.53	
07 72 23 00-0033	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	239.46	43.05
			<i>For Curb Or Flange Base, Add</i>	241.33	
07 72 23 00-0034	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	394.69	47.70
			<i>For Curb Or Flange Base, Add</i>	421.53	
07 72 23 00-0035	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	497.97	53.52
			<i>For Curb Or Flange Base, Add</i>	449.72	
07 72 23 00-0036	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	612.49	58.17
			<i>For Curb Or Flange Base, Add</i>	507.65	
07 72 23 00-0037	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	881.08	65.15
			<i>For Curb Or Flange Base, Add</i>	614.69	
07 72 23 00-0038	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator .....	1,328.80	87.26
			<i>For Curb Or Flange Base, Add</i>	927.71	
<b>07 72 23 00-0039</b>			<b>Spun Aluminum, Stationary Mushroom Gravity Ventilators</b> (07 72 23)		
			Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040	EA		8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	324.59	52.35
			<i>For Backdraft Damper, Add</i>	184.44	
			<i>For Curb Base, Add</i>	260.56	
07 72 23 00-0041	EA		10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	403.65	58.17
			<i>For Backdraft Damper, Add</i>	201.80	
			<i>For Curb Base, Add</i>	284.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0042 EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	454.43	69.81
For Backdraft Damper, Add	275.58	
For Curb Base, Add	362.22	
07 72 23 00-0043 EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	558.69	76.79
For Backdraft Damper, Add	314.64	
For Curb Base, Add	420.79	
07 72 23 00-0044 EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	1,539.86	104.71
For Backdraft Damper, Add	394.93	
For Curb Base, Add	553.10	
07 72 23 00-0045 EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	1,884.37	121.00
For Backdraft Damper, Add	466.54	
For Curb Base, Add	662.27	
07 72 23 00-0046 EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	2,581.90	139.61
For Backdraft Damper, Add	466.54	
For Curb Base, Add	685.38	
07 72 23 00-0047 EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	3,654.71	151.25
For Backdraft Damper, Add	488.23	
For Curb Base, Add	708.50	
07 72 23 00-0048 EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator .....	5,289.55	162.88
For Backdraft Damper, Add	542.48	
For Curb Base, Add	798.89	
<b>07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23)</b>		
Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050 EA 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....	657.87	58.17
07 72 23 00-0051 EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....	764.81	76.79
07 72 23 00-0052 EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....	1,105.89	104.71
07 72 23 00-0053 EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator .....	1,749.59	121.00
<b>07 72 26 Ridge Vents (07 72)</b>		
<b>07 72 26 00-0001 Aluminum Ridge Vents (07 72 26)</b>		
07 72 26 00-0002 LF Aluminum Ridge Vent Strips .....	15.11	3.38
07 72 26 00-0003 EA Aluminum Ridge Univent Connectors .....	54.89	20.98
07 72 26 00-0004 EA Aluminum Ridge Univent End Cap .....	50.29	20.98
<b>07 72 26 00-0005 Galvanized Ridge Vents (07 72 26)</b>		
07 72 26 00-0006 LF Galvanized Sheet Metal Ridge Vent Strips .....	13.66	3.61
<b>07 72 29 Rafter Vent (07 72)</b>		
<b>07 72 29 00-0001 Rafter Vent (07 72 29)</b>		
Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002 EA 22" x 4' Rafter Vent .....	10.92	
07 72 29 00-0003 EA 14" x 4' Rafter Vent .....	9.82	
<b>07 72 33 Roof Hatches (07 72)</b>		
Note: Includes curb with integral insulation, lockable hatch and gaskets.		
<b>07 72 33 00-0001 Galvanized Steel Cover And Curb (07 72 33)</b>		
07 72 33 00-0002 EA 2'-6" x 3'-0" Galvanized Steel Roof Hatch .....	1,477.81	156.37
07 72 33 00-0003 EA 2'-6" x 4'-6" Galvanized Steel Roof Hatch .....	2,189.79	173.74
07 72 33 00-0004 EA 2'-6" x 8'-0" Galvanized Steel Roof Hatch .....	3,893.39	236.95
07 72 33 00-0005 EA 3'-0" x 3'-0" Galvanized Steel Roof Hatch .....	2,162.08	173.74
07 72 33 00-0006 EA 4'-0" x 4'-0" Galvanized Steel Roof Hatch .....	2,441.23	193.07
07 72 33 00-0007 EA 3'-0" x 8'-0" Galvanized Steel Roof Hatch .....	4,024.72	263.33
<b>07 72 33 00-0008 Aluminum Cover And Curb (07 72 33)</b>		
07 72 33 00-0009 EA 2'-6" x 3'-0" Aluminum Roof Hatch .....	1,227.61	156.37
07 72 33 00-0010 EA 2'-6" x 4'-6" Aluminum Roof Hatch .....	1,592.46	173.74
07 72 33 00-0011 EA 2'-6" x 8'-0" Aluminum Roof Hatch .....	2,886.12	236.95
07 72 33 00-0012 EA 3'-0" x 3'-0" Aluminum Roof Hatch .....	1,557.17	173.74
07 72 33 00-0013 EA 4'-0" x 4'-0" Aluminum Roof Hatch .....	2,764.26	193.07
07 72 33 00-0014 EA 3'-0" x 8'-0" Aluminum Roof Hatch .....	3,041.36	263.33
07 72 33 00-0015 EA 3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight .....	1,743.54	173.74
<b>07 72 33 00-0016 Steel, Plain, Primed (07 72 33)</b>		
07 72 33 00-0017 EA 2'-6" x 3'-0" Plain Steel Roof Hatch Primed .....	1,414.68	156.37
07 72 33 00-0018 EA 2'-6" x 4'-6" Plain Steel Roof Hatch Primed .....	1,927.58	173.74
07 72 33 00-0019 EA 2'-6" x 8'-0" Plain Steel Roof Hatch Primed .....	2,641.10	236.95
07 72 33 00-0020 EA 3'-0" x 3'-0" Plain Steel Roof Hatch Primed .....	1,789.31	173.74
07 72 33 00-0021 EA 4'-0" x 4'-0" Plain Steel Roof Hatch Primed .....	2,200.74	193.07
07 72 33 00-0022 EA 3'-0" x 8'-0" Plain Steel Roof Hatch Primed .....	2,990.60	263.33



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>07 72 33 00-0023</b>	<b>Stainless Steel</b> (07 72 33)		
07 72 33 00-0024	EA 2'-6" x 3'-0" Stainless Steel Roof Hatch .....	3,039.88	156.37
07 72 33 00-0025	EA 2'-6" x 4'-6" Stainless Steel Roof Hatch .....	5,841.49	173.74
07 72 33 00-0026	EA 2'-6" x 8'-0" Stainless Steel Roof Hatch .....	8,789.03	236.95
07 72 33 00-0027	EA 3'-0" x 3'-0" Stainless Steel Roof Hatch .....	4,683.86	173.74
07 72 33 00-0028	EA 4'-0" x 4'-0" Stainless Steel Roof Hatch .....	9,930.74	193.07
07 72 33 00-0029	EA 3'-0" x 8'-0" Stainless Steel Roof Hatch .....	11,114.68	263.33
<b>07 72 33 00-0030</b>	<b>Removal And Reinstallation Of Roof Hatch</b> (07 72 33)		
	Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA Removal And Reinstallation Of Roof Hatch (All Types) .....	480.96	
<b>07 72 33 00-0032</b>	<b>Aluminum Cover And Galvanized Steel Curb</b> (07 72 33)		
07 72 33 00-0033	EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof .....	1,189.67	173.74
07 72 33 00-0034	EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof .....	1,554.53	193.07
07 72 33 00-0035	EA Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof .....	2,787.49	263.22
07 72 33 00-0036	EA Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof .....	1,526.82	179.17
07 72 33 00-0037	EA Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof .....	2,680.80	198.50
<b>07 72 33 00-0038</b>	<b>Roof Hatch Accessories</b> (07 72 33)		
07 72 33 00-0039	EA Enamel Steel, Roof Hatch Ladderup Safety Post .....	930.17	81.44
<b>07 72 33 00-0040</b>	<b>Roof Hatch Safety Railing</b> (07 72 33)		
	Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA 24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	2,053.05	
07 72 33 00-0042	EA 24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	2,130.97	
07 72 33 00-0043	EA 30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	2,185.31	
07 72 33 00-0044	EA 30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	2,379.39	
07 72 33 00-0045	EA 36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	2,603.25	
07 72 33 00-0046	EA 48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate .....	3,336.34	
<b>07 72 36</b>	<b>Smoke Vents</b> (07 72)		
<b>07 72 36 00-0001</b>	<b>Fire Vent</b> (07 72 36)		
<b>07 72 36 00-0002</b>	<b>Galvanized Steel Covers And Curb</b> (07 72 36 00-0001)		
07 72 36 00-0003	EA 4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	3,968.87	144.86
07 72 36 00-0004	EA 4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	4,555.36	199.15
07 72 36 00-0005	EA 4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	5,195.75	217.29
07 72 36 00-0006	EA 4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	5,296.23	228.14
07 72 36 00-0007	EA 5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	6,166.66	199.15
07 72 36 00-0008	EA 5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	6,554.54	217.29
07 72 36 00-0009	EA 5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	6,918.36	235.42
07 72 36 00-0010	EA 5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	7,883.42	253.56
07 72 36 00-0011	EA 5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	9,798.44	271.58
07 72 36 00-0012	EA 5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	6,545.59	235.42
07 72 36 00-0013	EA 5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	13,841.83	289.71
07 72 36 00-0014	EA 6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent .....	7,531.97	307.85
<b>07 72 36 00-0015</b>	<b>Aluminum Covers And Galvanized Steel Curb</b> (07 72 36 00-0001)		
07 72 36 00-0016	EA 4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	2,675.45	144.86
07 72 36 00-0017	EA 4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	3,067.98	199.15
07 72 36 00-0018	EA 4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	3,451.72	217.29
07 72 36 00-0019	EA 4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	3,574.24	228.14
07 72 36 00-0020	EA 5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	3,470.10	199.15
07 72 36 00-0021	EA 5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	4,430.47	217.29
07 72 36 00-0022	EA 5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	4,738.33	235.42
07 72 36 00-0023	EA 5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	4,613.73	253.56
07 72 36 00-0024	EA 5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	6,476.99	271.58
07 72 36 00-0025	EA 5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	4,472.78	235.42
07 72 36 00-0026	EA 5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	8,492.01	289.71
07 72 36 00-0027	EA 6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent .....	4,391.68	307.85
<b>07 72 36 00-0028</b>	<b>Aluminum Covers And Curb</b> (07 72 36 00-0001)		
07 72 36 00-0029	EA 4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	2,918.24	144.86
07 72 36 00-0030	EA 4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	3,470.10	199.15
07 72 36 00-0031	EA 4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent .....	3,808.32	217.29
07 72 36 00-0032	EA 4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	4,029.47	228.14
07 72 36 00-0033	EA 5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	3,652.19	199.15
07 72 36 00-0034	EA 5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	4,620.15	217.29
07 72 36 00-0035	EA 5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	4,905.25	235.42
07 72 36 00-0036	EA 5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	5,068.96	253.56
07 72 36 00-0037	EA 5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	6,150.74	271.58





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0038 EA 5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent .....	4,685.22	235.42
07 72 36 00-0039 EA 5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	9,273.50	289.71
07 72 36 00-0040 EA 6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent .....	4,846.91	307.85
<b>07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb</b> <small>(07 72 36)</small>		
07 72 36 00-0042 EA 4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....	2,887.89	144.42
07 72 36 00-0043 EA 4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....	3,659.77	199.15
07 72 36 00-0044 EA 4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....	3,870.12	228.14
07 72 36 00-0045 EA 5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....	4,152.95	199.15
07 72 36 00-0046 EA 5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent .....	4,386.13	253.56
<b>07 72 38 Roof Dormers</b> <small>(07 72)</small>		
<b>07 72 38 13 Roof Dormer Vent</b> <small>(07 72 38)</small>		
<b>07 72 38 13-0001 Copper Roof Dormer Vent</b> <small>(07 72 38 13)</small>		
Note: Includes insect screen on the inside of the louvers and fabricated with sturdy wooden framing.		
<b>07 72 38 13-0002 Half Round Copper Roof Dormer Vent</b> <small>(07 72 38 13-0001)</small>		
07 72 38 13-0003 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	446.97	66.45
07 72 38 13-0004 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	561.73	66.45
07 72 38 13-0005 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	691.89	66.45
07 72 38 13-0006 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	789.51	66.45
07 72 38 13-0007 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	905.98	66.45
07 72 38 13-0008 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,019.02	66.45
07 72 38 13-0009 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,133.77	66.45
07 72 38 13-0010 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,248.52	66.45
07 72 38 13-0011 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,363.27	66.45
07 72 38 13-0012 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,476.31	66.45
07 72 38 13-0013 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,591.06	66.45
07 72 38 13-0014 EA 18" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,705.81	66.45
07 72 38 13-0015 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	816.92	66.45
07 72 38 13-0016 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	931.67	66.45
07 72 38 13-0017 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,061.83	66.45
07 72 38 13-0018 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,159.46	66.45
07 72 38 13-0019 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,275.92	66.45
07 72 38 13-0020 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,388.96	66.45
07 72 38 13-0021 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,503.71	66.45
07 72 38 13-0022 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,618.46	66.45
07 72 38 13-0023 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	1,733.21	66.45
07 72 38 13-0024 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	1,846.25	66.45
07 72 38 13-0025 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	1,961.00	66.45
07 72 38 13-0026 EA 18" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,075.75	66.45
07 72 38 13-0027 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	527.77	80.44
07 72 38 13-0028 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	642.52	80.44
07 72 38 13-0029 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	772.69	80.44
07 72 38 13-0030 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	870.31	80.44
07 72 38 13-0031 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	986.78	80.44
07 72 38 13-0032 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,099.82	80.44
07 72 38 13-0033 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,214.57	80.44
07 72 38 13-0034 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,329.32	80.44
07 72 38 13-0035 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,444.07	80.44
07 72 38 13-0036 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,557.11	80.44
07 72 38 13-0037 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,671.86	80.44
07 72 38 13-0038 EA 24" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,786.61	80.44
07 72 38 13-0039 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	897.72	80.44
07 72 38 13-0040 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,012.47	80.44
07 72 38 13-0041 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,142.63	80.44
07 72 38 13-0042 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,240.26	80.44
07 72 38 13-0043 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,356.72	80.44
07 72 38 13-0044 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,469.76	80.44
07 72 38 13-0045 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,584.51	80.44
07 72 38 13-0046 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,699.26	80.44
07 72 38 13-0047 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	1,814.01	80.44
07 72 38 13-0048 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	1,927.05	80.44
07 72 38 13-0049 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,041.80	80.44
07 72 38 13-0050 EA 24" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,156.55	80.44
07 72 38 13-0051 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	614.69	89.76
07 72 38 13-0052 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	729.44	89.76
07 72 38 13-0053 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	859.60	89.76
07 72 38 13-0054 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	957.23	89.76
07 72 38 13-0055 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,073.69	89.76
07 72 38 13-0056 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,186.73	89.76
07 72 38 13-0057 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,301.48	89.76
07 72 38 13-0058 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,416.23	89.76
07 72 38 13-0059 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,530.98	89.76
07 72 38 13-0060 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,644.02	89.76
07 72 38 13-0061 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,758.77	89.76
07 72 38 13-0062 EA 30" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,873.52	89.76



**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0063	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	984.63	89.76
07 72 38 13-0064	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,099.38	89.76
07 72 38 13-0065	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,229.55	89.76
07 72 38 13-0066	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,327.17	89.76
07 72 38 13-0067	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,443.64	89.76
07 72 38 13-0068	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,556.67	89.76
07 72 38 13-0069	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,671.42	89.76
07 72 38 13-0070	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,786.18	89.76
07 72 38 13-0071	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,900.93	89.76
07 72 38 13-0072	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,013.96	89.76
07 72 38 13-0073	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,128.72	89.76
07 72 38 13-0074	EA		30" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,243.47	89.76
07 72 38 13-0075	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	717.73	102.59
07 72 38 13-0076	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	832.48	102.59
07 72 38 13-0077	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	962.65	102.59
07 72 38 13-0078	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,060.27	102.59
07 72 38 13-0079	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,176.73	102.59
07 72 38 13-0080	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,289.77	102.59
07 72 38 13-0081	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,404.52	102.59
07 72 38 13-0082	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,519.27	102.59
07 72 38 13-0083	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,634.02	102.59
07 72 38 13-0084	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,747.06	102.59
07 72 38 13-0085	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,861.81	102.59
07 72 38 13-0086	EA		36" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,976.56	102.59
07 72 38 13-0087	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,087.67	102.59
07 72 38 13-0088	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,202.42	102.59
07 72 38 13-0089	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,332.59	102.59
07 72 38 13-0090	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,430.21	102.59
07 72 38 13-0091	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,546.68	102.59
07 72 38 13-0092	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,659.72	102.59
07 72 38 13-0093	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,774.47	102.59
07 72 38 13-0094	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,889.22	102.59
07 72 38 13-0095	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,003.97	102.59
07 72 38 13-0096	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,117.01	102.59
07 72 38 13-0097	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,231.76	102.59
07 72 38 13-0098	EA		36" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,346.51	102.59
07 72 38 13-0099	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,023.71	114.25
07 72 38 13-0100	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,138.46	114.25
07 72 38 13-0101	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,268.62	114.25
07 72 38 13-0102	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,366.25	114.25
07 72 38 13-0103	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,482.71	114.25
07 72 38 13-0104	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,595.75	114.25
07 72 38 13-0105	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,710.50	114.25
07 72 38 13-0106	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,825.25	114.25
07 72 38 13-0107	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,940.00	114.25
07 72 38 13-0108	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,053.04	114.25
07 72 38 13-0109	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,167.79	114.25
07 72 38 13-0110	EA		42" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,282.54	114.25
07 72 38 13-0111	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,393.65	114.25
07 72 38 13-0112	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,508.40	114.25
07 72 38 13-0113	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,638.57	114.25
07 72 38 13-0114	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,736.19	114.25
07 72 38 13-0115	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,852.65	114.25
07 72 38 13-0116	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,965.69	114.25
07 72 38 13-0117	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,080.44	114.25
07 72 38 13-0118	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,195.19	114.25
07 72 38 13-0119	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,309.95	114.25
07 72 38 13-0120	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,422.98	114.25
07 72 38 13-0121	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,537.73	114.25
07 72 38 13-0122	EA		42" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,652.49	114.25
07 72 38 13-0123	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,390.65	114.25
07 72 38 13-0124	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,520.56	123.57
07 72 38 13-0125	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,650.73	123.57
07 72 38 13-0126	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,748.35	123.57
07 72 38 13-0127	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,864.82	123.57
07 72 38 13-0128	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,977.86	123.57
07 72 38 13-0129	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,092.61	123.57
07 72 38 13-0130	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,207.36	123.57
07 72 38 13-0131	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,322.11	123.57
07 72 38 13-0132	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,435.15	123.57
07 72 38 13-0133	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,549.90	123.57
07 72 38 13-0134	EA		48" Half Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,664.65	123.57
07 72 38 13-0135	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,775.76	123.57
07 72 38 13-0136	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,890.51	123.57
07 72 38 13-0137	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,020.67	123.57
07 72 38 13-0138	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,118.30	123.57
07 72 38 13-0139	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,234.76	123.57
07 72 38 13-0140	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,347.80	123.57
07 72 38 13-0141	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,462.55	123.57
07 72 38 13-0142	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,577.30	123.57
07 72 38 13-0143	EA		48" Half Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,692.05	123.57



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0144 EA 48" Half Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,805.09	123.57
07 72 38 13-0145 EA 48" Half Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,919.84	123.57
07 72 38 13-0146 EA 48" Half Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,034.59	123.57
<b>07 72 38 13-0147 Third Round Copper Roof Dormer Vent (07 72 38 13-0001)</b>		
07 72 38 13-0148 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	673.22	102.59
07 72 38 13-0149 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	787.97	102.59
07 72 38 13-0150 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	918.13	102.59
07 72 38 13-0151 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,015.76	102.59
07 72 38 13-0152 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,132.22	102.59
07 72 38 13-0153 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,245.26	102.59
07 72 38 13-0154 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,360.01	102.59
07 72 38 13-0155 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,474.76	102.59
07 72 38 13-0156 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,589.51	102.59
07 72 38 13-0157 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,702.55	102.59
07 72 38 13-0158 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,817.30	102.59
07 72 38 13-0159 EA 36" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,932.05	102.59
07 72 38 13-0160 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	889.02	102.59
07 72 38 13-0161 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,003.77	102.59
07 72 38 13-0162 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,133.93	102.59
07 72 38 13-0163 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,231.56	102.59
07 72 38 13-0164 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,348.02	102.59
07 72 38 13-0165 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,461.06	102.59
07 72 38 13-0166 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,575.81	102.59
07 72 38 13-0167 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,690.56	102.59
07 72 38 13-0168 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,805.31	102.59
07 72 38 13-0169 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	1,918.35	102.59
07 72 38 13-0170 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,033.10	102.59
07 72 38 13-0171 EA 36" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,147.85	102.59
07 72 38 13-0172 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	767.08	114.25
07 72 38 13-0173 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	881.83	114.25
07 72 38 13-0174 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,011.99	114.25
07 72 38 13-0175 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,109.62	114.25
07 72 38 13-0176 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,226.08	114.25
07 72 38 13-0177 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,339.12	114.25
07 72 38 13-0178 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,453.87	114.25
07 72 38 13-0179 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,568.62	114.25
07 72 38 13-0180 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,683.37	114.25
07 72 38 13-0181 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,796.41	114.25
07 72 38 13-0182 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,911.16	114.25
07 72 38 13-0183 EA 42" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,025.91	114.25
07 72 38 13-0184 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	982.88	114.25
07 72 38 13-0185 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,097.63	114.25
07 72 38 13-0186 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,227.79	114.25
07 72 38 13-0187 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,325.42	114.25
07 72 38 13-0188 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,441.88	114.25
07 72 38 13-0189 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,554.92	114.25
07 72 38 13-0190 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,669.67	114.25
07 72 38 13-0191 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,784.42	114.25
07 72 38 13-0192 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,899.17	114.25
07 72 38 13-0193 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,012.21	114.25
07 72 38 13-0194 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,126.96	114.25
07 72 38 13-0195 EA 42" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,241.71	114.25
07 72 38 13-0196 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	983.89	114.25
07 72 38 13-0197 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,113.80	123.57
07 72 38 13-0198 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,243.96	123.57
07 72 38 13-0199 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,341.59	123.57
07 72 38 13-0200 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,458.05	123.57
07 72 38 13-0201 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,571.09	123.57
07 72 38 13-0202 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,685.84	123.57
07 72 38 13-0203 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,800.59	123.57
07 72 38 13-0204 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,915.34	123.57
07 72 38 13-0205 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,028.38	123.57
07 72 38 13-0206 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,143.13	123.57
07 72 38 13-0207 EA 48" Third Round Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,257.88	123.57
07 72 38 13-0208 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,214.85	123.57
07 72 38 13-0209 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,329.60	123.57
07 72 38 13-0210 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,459.76	123.57
07 72 38 13-0211 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,557.39	123.57
07 72 38 13-0212 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,673.85	123.57
07 72 38 13-0213 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,786.89	123.57
07 72 38 13-0214 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,901.64	123.57
07 72 38 13-0215 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,016.39	123.57
07 72 38 13-0216 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,131.14	123.57
07 72 38 13-0217 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,244.18	123.57
07 72 38 13-0218 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,358.93	123.57
07 72 38 13-0219 EA 48" Third Round Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,473.68	123.57

**07 72 38 13-0220 Triangle Copper Roof Dormer Vent (07 72 38 13-0001)**

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 72 38 13-0221	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....		765.43	66.45
07 72 38 13-0222	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....		880.18	66.45
07 72 38 13-0223	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....		1,010.35	66.45
07 72 38 13-0224	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....		1,107.97	66.45
07 72 38 13-0225	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....		1,224.44	66.45
07 72 38 13-0226	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....		1,337.48	66.45
07 72 38 13-0227	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....		1,452.23	66.45
07 72 38 13-0228	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....		1,566.98	66.45
07 72 38 13-0229	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....		1,681.73	66.45
07 72 38 13-0230	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....		1,794.77	66.45
07 72 38 13-0231	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....		1,909.52	66.45
07 72 38 13-0232	EA	18" x 9" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....		2,024.27	66.45
07 72 38 13-0233	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....		1,135.38	66.45
07 72 38 13-0234	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....		1,250.13	66.45
07 72 38 13-0235	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....		1,380.29	66.45
07 72 38 13-0236	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....		1,477.92	66.45
07 72 38 13-0237	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....		1,594.38	66.45
07 72 38 13-0238	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....		1,707.42	66.45
07 72 38 13-0239	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....		1,822.17	66.45
07 72 38 13-0240	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....		1,936.92	66.45
07 72 38 13-0241	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....		2,051.67	66.45
07 72 38 13-0242	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....		2,164.71	66.45
07 72 38 13-0243	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....		2,279.46	66.45
07 72 38 13-0244	EA	18" x 9" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....		2,394.21	66.45
07 72 38 13-0245	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....		824.62	66.45
07 72 38 13-0246	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....		939.38	66.45
07 72 38 13-0247	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....		1,069.54	66.45
07 72 38 13-0248	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....		1,167.16	66.45
07 72 38 13-0249	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....		1,283.63	66.45
07 72 38 13-0250	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....		1,396.67	66.45
07 72 38 13-0251	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....		1,511.42	66.45
07 72 38 13-0252	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....		1,626.17	66.45
07 72 38 13-0253	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....		1,740.92	66.45
07 72 38 13-0254	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....		1,853.96	66.45
07 72 38 13-0255	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....		1,968.71	66.45
07 72 38 13-0256	EA	18" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....		2,083.46	66.45
07 72 38 13-0257	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....		1,194.57	66.45
07 72 38 13-0258	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....		1,309.32	66.45
07 72 38 13-0259	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....		1,439.48	66.45
07 72 38 13-0260	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....		1,537.11	66.45
07 72 38 13-0261	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....		1,653.57	66.45
07 72 38 13-0262	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....		1,766.61	66.45
07 72 38 13-0263	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....		1,881.36	66.45
07 72 38 13-0264	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....		1,996.11	66.45
07 72 38 13-0265	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....		2,110.86	66.45
07 72 38 13-0266	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....		2,223.90	66.45
07 72 38 13-0267	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....		2,338.65	66.45
07 72 38 13-0268	EA	18" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....		2,453.40	66.45
07 72 38 13-0269	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....		923.36	80.44
07 72 38 13-0270	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....		1,038.11	80.44
07 72 38 13-0271	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....		1,168.27	80.44
07 72 38 13-0272	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....		1,265.90	80.44
07 72 38 13-0273	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....		1,382.36	80.44
07 72 38 13-0274	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....		1,495.40	80.44
07 72 38 13-0275	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....		1,610.15	80.44
07 72 38 13-0276	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....		1,724.90	80.44
07 72 38 13-0277	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....		1,839.65	80.44
07 72 38 13-0278	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....		1,952.69	80.44
07 72 38 13-0279	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....		2,067.44	80.44
07 72 38 13-0280	EA	24" x 12" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....		2,182.19	80.44
07 72 38 13-0281	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....		1,293.30	80.44
07 72 38 13-0282	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....		1,408.05	80.44
07 72 38 13-0283	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....		1,538.22	80.44
07 72 38 13-0284	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....		1,635.84	80.44
07 72 38 13-0285	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....		1,752.30	80.44
07 72 38 13-0286	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....		1,865.34	80.44
07 72 38 13-0287	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....		1,980.09	80.44
07 72 38 13-0288	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....		2,094.84	80.44
07 72 38 13-0289	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....		2,209.59	80.44
07 72 38 13-0290	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....		2,322.63	80.44
07 72 38 13-0291	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....		2,437.38	80.44
07 72 38 13-0292	EA	24" x 12" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....		2,552.13	80.44
07 72 38 13-0293	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....		1,028.58	80.44
07 72 38 13-0294	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....		1,143.34	80.44
07 72 38 13-0295	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....		1,273.50	80.44
07 72 38 13-0296	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....		1,371.12	80.44
07 72 38 13-0297	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....		1,487.59	80.44
07 72 38 13-0298	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....		1,600.63	80.44
07 72 38 13-0299	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....		1,715.38	80.44
07 72 38 13-0300	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....		1,830.13	80.44
07 72 38 13-0301	EA	24" x 16" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....		1,944.88	80.44



**Thermal And Moisture Protection**    **07**  
**Roof and Wall Specialties and Accessories**    **07 70**  
Roof Accessories    **07 72**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0302	EA	24" x 16"	Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,057.92	80.44
07 72 38 13-0303	EA	24" x 16"	Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,172.67	80.44
07 72 38 13-0304	EA	24" x 16"	Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,287.42	80.44
07 72 38 13-0305	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,398.53	80.44
07 72 38 13-0306	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,513.28	80.44
07 72 38 13-0307	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,643.44	80.44
07 72 38 13-0308	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,741.07	80.44
07 72 38 13-0309	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,857.53	80.44
07 72 38 13-0310	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,970.57	80.44
07 72 38 13-0311	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,085.32	80.44
07 72 38 13-0312	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,200.07	80.44
07 72 38 13-0313	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,314.82	80.44
07 72 38 13-0314	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,427.86	80.44
07 72 38 13-0315	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,542.61	80.44
07 72 38 13-0316	EA	24" x 16"	Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,657.36	80.44
07 72 38 13-0317	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,116.10	89.76
07 72 38 13-0318	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,230.85	89.76
07 72 38 13-0319	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,361.01	89.76
07 72 38 13-0320	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,458.64	89.76
07 72 38 13-0321	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,575.10	89.76
07 72 38 13-0322	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,688.14	89.76
07 72 38 13-0323	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,802.89	89.76
07 72 38 13-0324	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,917.64	89.76
07 72 38 13-0325	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,032.39	89.76
07 72 38 13-0326	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,145.43	89.76
07 72 38 13-0327	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,260.18	89.76
07 72 38 13-0328	EA	30" x 15"	Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,374.93	89.76
07 72 38 13-0329	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,486.04	89.76
07 72 38 13-0330	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,600.79	89.76
07 72 38 13-0331	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,730.96	89.76
07 72 38 13-0332	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,828.58	89.76
07 72 38 13-0333	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,945.05	89.76
07 72 38 13-0334	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,058.08	89.76
07 72 38 13-0335	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,172.83	89.76
07 72 38 13-0336	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,287.59	89.76
07 72 38 13-0337	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,402.34	89.76
07 72 38 13-0338	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,515.37	89.76
07 72 38 13-0339	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,630.13	89.76
07 72 38 13-0340	EA	30" x 15"	Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,744.88	89.76
07 72 38 13-0341	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,280.52	89.76
07 72 38 13-0342	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,395.27	89.76
07 72 38 13-0343	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,525.43	89.76
07 72 38 13-0344	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,623.06	89.76
07 72 38 13-0345	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,739.52	89.76
07 72 38 13-0346	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,852.56	89.76
07 72 38 13-0347	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,967.31	89.76
07 72 38 13-0348	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,082.06	89.76
07 72 38 13-0349	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,196.81	89.76
07 72 38 13-0350	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,309.85	89.76
07 72 38 13-0351	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,424.60	89.76
07 72 38 13-0352	EA	30" x 20"	Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,539.35	89.76
07 72 38 13-0353	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,650.46	89.76
07 72 38 13-0354	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,765.21	89.76
07 72 38 13-0355	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,895.38	89.76
07 72 38 13-0356	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,993.00	89.76
07 72 38 13-0357	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,109.46	89.76
07 72 38 13-0358	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,222.50	89.76
07 72 38 13-0359	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,337.25	89.76
07 72 38 13-0360	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,452.00	89.76
07 72 38 13-0361	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,566.76	89.76
07 72 38 13-0362	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,679.79	89.76
07 72 38 13-0363	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,794.54	89.76
07 72 38 13-0364	EA	30" x 20"	Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,909.30	89.76
07 72 38 13-0365	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,351.77	102.59
07 72 38 13-0366	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,466.52	102.59
07 72 38 13-0367	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,596.69	102.59
07 72 38 13-0368	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,694.31	102.59
07 72 38 13-0369	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,810.78	102.59
07 72 38 13-0370	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,923.81	102.59
07 72 38 13-0371	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,038.56	102.59
07 72 38 13-0372	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,153.32	102.59
07 72 38 13-0373	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,268.07	102.59
07 72 38 13-0374	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,381.10	102.59
07 72 38 13-0375	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,495.86	102.59
07 72 38 13-0376	EA	36" x 18"	Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,610.61	102.59
07 72 38 13-0377	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,721.72	102.59
07 72 38 13-0378	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,836.47	102.59
07 72 38 13-0379	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,966.63	102.59
07 72 38 13-0380	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,064.26	102.59
07 72 38 13-0381	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,180.72	102.59
07 72 38 13-0382	EA	36" x 18"	Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,293.76	102.59





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0383	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,408.51	102.59
07 72 38 13-0384	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,523.26	102.59
07 72 38 13-0385	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,638.01	102.59
07 72 38 13-0386	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,751.05	102.59
07 72 38 13-0387	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,865.80	102.59
07 72 38 13-0388	EA		36" x 18" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,980.55	102.59
07 72 38 13-0389	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,588.54	102.59
07 72 38 13-0390	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,703.29	102.59
07 72 38 13-0391	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,833.45	102.59
07 72 38 13-0392	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,931.08	102.59
07 72 38 13-0393	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,047.54	102.59
07 72 38 13-0394	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,160.58	102.59
07 72 38 13-0395	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,275.33	102.59
07 72 38 13-0396	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,390.08	102.59
07 72 38 13-0397	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,504.83	102.59
07 72 38 13-0398	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,617.87	102.59
07 72 38 13-0399	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,732.62	102.59
07 72 38 13-0400	EA		36" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,847.37	102.59
07 72 38 13-0401	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,958.48	102.59
07 72 38 13-0402	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,073.23	102.59
07 72 38 13-0403	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,203.39	102.59
07 72 38 13-0404	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,301.02	102.59
07 72 38 13-0405	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,417.48	102.59
07 72 38 13-0406	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,530.52	102.59
07 72 38 13-0407	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,645.27	102.59
07 72 38 13-0408	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,760.02	102.59
07 72 38 13-0409	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,874.77	102.59
07 72 38 13-0410	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,987.81	102.59
07 72 38 13-0411	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,102.56	102.59
07 72 38 13-0412	EA		36" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,217.31	102.59
07 72 38 13-0413	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,625.76	114.25
07 72 38 13-0414	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,740.51	114.25
07 72 38 13-0415	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,870.67	114.25
07 72 38 13-0416	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,968.30	114.25
07 72 38 13-0417	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,084.76	114.25
07 72 38 13-0418	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,197.80	114.25
07 72 38 13-0419	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,312.55	114.25
07 72 38 13-0420	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,427.30	114.25
07 72 38 13-0421	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,542.05	114.25
07 72 38 13-0422	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,655.09	114.25
07 72 38 13-0423	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,769.84	114.25
07 72 38 13-0424	EA		42" x 21" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,884.59	114.25
07 72 38 13-0425	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,995.70	114.25
07 72 38 13-0426	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,110.45	114.25
07 72 38 13-0427	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,240.62	114.25
07 72 38 13-0428	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,338.24	114.25
07 72 38 13-0429	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,454.70	114.25
07 72 38 13-0430	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,567.74	114.25
07 72 38 13-0431	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,682.49	114.25
07 72 38 13-0432	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,797.24	114.25
07 72 38 13-0433	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,911.99	114.25
07 72 38 13-0434	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,025.03	114.25
07 72 38 13-0435	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,139.78	114.25
07 72 38 13-0436	EA		42" x 21" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,254.53	114.25
07 72 38 13-0437	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,948.02	113.87
07 72 38 13-0438	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	2,062.77	113.87
07 72 38 13-0439	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	2,192.93	113.87
07 72 38 13-0440	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	2,290.56	113.87
07 72 38 13-0441	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,407.02	113.87
07 72 38 13-0442	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,520.06	113.87
07 72 38 13-0443	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,634.81	113.87
07 72 38 13-0444	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,749.56	113.87
07 72 38 13-0445	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,864.31	113.87
07 72 38 13-0446	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,977.35	113.87
07 72 38 13-0447	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	3,092.10	113.87
07 72 38 13-0448	EA		42" x 28" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,206.85	113.87
07 72 38 13-0449	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	2,317.96	113.87
07 72 38 13-0450	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,432.71	113.87
07 72 38 13-0451	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,562.88	113.87
07 72 38 13-0452	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,660.50	113.87
07 72 38 13-0453	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,776.96	113.87
07 72 38 13-0454	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,890.00	113.87
07 72 38 13-0455	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	3,004.75	113.87
07 72 38 13-0456	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	3,119.50	113.87
07 72 38 13-0457	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	3,234.26	113.87
07 72 38 13-0458	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,347.29	113.87
07 72 38 13-0459	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,462.04	113.87
07 72 38 13-0460	EA		42" x 28" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,576.80	113.87
07 72 38 13-0461	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,921.71	113.87
07 72 38 13-0462	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	2,051.62	123.87
07 72 38 13-0463	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	2,181.79	123.87



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0464	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,279.41	123.87
07 72 38 13-0465	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,395.87	123.87
07 72 38 13-0466	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,508.91	123.87
07 72 38 13-0467	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,623.66	123.87
07 72 38 13-0468	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,738.41	123.87
07 72 38 13-0469	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,853.17	123.87
07 72 38 13-0470	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,966.20	123.87
07 72 38 13-0471	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,080.95	123.87
07 72 38 13-0472	EA		48" x 24" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,195.71	123.87
07 72 38 13-0473	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,306.81	123.87
07 72 38 13-0474	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,421.56	123.87
07 72 38 13-0475	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,551.73	123.87
07 72 38 13-0476	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,649.35	123.87
07 72 38 13-0477	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,765.82	123.87
07 72 38 13-0478	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,878.86	123.87
07 72 38 13-0479	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,993.61	123.87
07 72 38 13-0480	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,108.36	123.87
07 72 38 13-0481	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,223.11	123.87
07 72 38 13-0482	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,336.15	123.87
07 72 38 13-0483	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,450.90	123.87
07 72 38 13-0484	EA		48" x 24" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,565.65	123.87
07 72 38 13-0485	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,342.62	113.87
07 72 38 13-0486	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,472.53	123.87
07 72 38 13-0487	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,602.70	123.87
07 72 38 13-0488	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,700.32	123.87
07 72 38 13-0489	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,816.79	123.87
07 72 38 13-0490	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,929.83	123.87
07 72 38 13-0491	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	3,044.58	123.87
07 72 38 13-0492	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,159.33	123.87
07 72 38 13-0493	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,274.08	123.87
07 72 38 13-0494	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,387.12	123.87
07 72 38 13-0495	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,501.87	123.87
07 72 38 13-0496	EA		48" x 32" Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,616.62	123.87
07 72 38 13-0497	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,727.73	123.87
07 72 38 13-0498	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,842.48	123.87
07 72 38 13-0499	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,972.64	123.87
07 72 38 13-0500	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,070.27	123.87
07 72 38 13-0501	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,186.73	123.87
07 72 38 13-0502	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,299.77	123.87
07 72 38 13-0503	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,414.52	123.87
07 72 38 13-0504	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,529.27	123.87
07 72 38 13-0505	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,644.02	123.87
07 72 38 13-0506	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,757.06	123.87
07 72 38 13-0507	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,871.81	123.87
07 72 38 13-0508	EA		48" x 32" Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,986.56	123.87

**07 72 38 13-0509**    **Arched Triangle Copper Roof Dormer Vent** (07 72 38 13-0001)

07 72 38 13-0510	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	854.19	66.45
07 72 38 13-0511	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	968.94	66.45
07 72 38 13-0512	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,099.10	66.45
07 72 38 13-0513	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,196.73	66.45
07 72 38 13-0514	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,313.19	66.45
07 72 38 13-0515	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,426.23	66.45
07 72 38 13-0516	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,540.98	66.45
07 72 38 13-0517	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,655.73	66.45
07 72 38 13-0518	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,770.48	66.45
07 72 38 13-0519	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,883.52	66.45
07 72 38 13-0520	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,998.27	66.45
07 72 38 13-0521	EA		18" x 9" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,113.02	66.45
07 72 38 13-0522	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,224.13	66.45
07 72 38 13-0523	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,338.88	66.45
07 72 38 13-0524	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,469.05	66.45
07 72 38 13-0525	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,566.67	66.45
07 72 38 13-0526	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,683.13	66.45
07 72 38 13-0527	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,796.17	66.45
07 72 38 13-0528	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,910.92	66.45
07 72 38 13-0529	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,025.67	66.45
07 72 38 13-0530	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,140.42	66.45
07 72 38 13-0531	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,253.46	66.45
07 72 38 13-0532	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,368.21	66.45
07 72 38 13-0533	EA		18" x 9" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,482.96	66.45
07 72 38 13-0534	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	923.96	66.45
07 72 38 13-0535	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,038.71	66.45
07 72 38 13-0536	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,168.88	66.45
07 72 38 13-0537	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,266.50	66.45
07 72 38 13-0538	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,382.96	66.45
07 72 38 13-0539	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,496.00	66.45
07 72 38 13-0540	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,610.75	66.45
07 72 38 13-0541	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,725.50	66.45
07 72 38 13-0542	EA		18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,840.26	66.45





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38	13-0543	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,953.29	66.45
07 72 38	13-0544	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,068.04	66.45
07 72 38	13-0545	EA	18" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,182.80	66.45
07 72 38	13-0546	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,293.90	66.45
07 72 38	13-0547	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,408.66	66.45
07 72 38	13-0548	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,538.82	66.45
07 72 38	13-0549	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,636.44	66.45
07 72 38	13-0550	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,752.91	66.45
07 72 38	13-0551	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,865.95	66.45
07 72 38	13-0552	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	1,980.70	66.45
07 72 38	13-0553	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,095.45	66.45
07 72 38	13-0554	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,210.20	66.45
07 72 38	13-0555	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,323.24	66.45
07 72 38	13-0556	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,437.99	66.45
07 72 38	13-0557	EA	18" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,552.74	66.45
07 72 38	13-0558	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,036.81	80.44
07 72 38	13-0559	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,151.56	80.44
07 72 38	13-0560	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,281.72	80.44
07 72 38	13-0561	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,379.35	80.44
07 72 38	13-0562	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,495.81	80.44
07 72 38	13-0563	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,608.85	80.44
07 72 38	13-0564	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,723.60	80.44
07 72 38	13-0565	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,838.35	80.44
07 72 38	13-0566	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,953.10	80.44
07 72 38	13-0567	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,066.14	80.44
07 72 38	13-0568	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,180.89	80.44
07 72 38	13-0569	EA	24" x 12" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,295.64	80.44
07 72 38	13-0570	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,406.75	80.44
07 72 38	13-0571	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,521.50	80.44
07 72 38	13-0572	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,651.66	80.44
07 72 38	13-0573	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,749.29	80.44
07 72 38	13-0574	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,865.75	80.44
07 72 38	13-0575	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,978.79	80.44
07 72 38	13-0576	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,093.54	80.44
07 72 38	13-0577	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,208.29	80.44
07 72 38	13-0578	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,323.04	80.44
07 72 38	13-0579	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,436.08	80.44
07 72 38	13-0580	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,550.83	80.44
07 72 38	13-0581	EA	24" x 12" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,665.58	80.44
07 72 38	13-0582	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,160.86	80.44
07 72 38	13-0583	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,275.61	80.44
07 72 38	13-0584	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,405.77	80.44
07 72 38	13-0585	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,503.40	80.44
07 72 38	13-0586	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,619.86	80.44
07 72 38	13-0587	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,732.90	80.44
07 72 38	13-0588	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,847.65	80.44
07 72 38	13-0589	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,962.40	80.44
07 72 38	13-0590	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,077.15	80.44
07 72 38	13-0591	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,190.19	80.44
07 72 38	13-0592	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,304.94	80.44
07 72 38	13-0593	EA	24" x 16" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,419.69	80.44
07 72 38	13-0594	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,530.80	80.44
07 72 38	13-0595	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,645.55	80.44
07 72 38	13-0596	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,775.72	80.44
07 72 38	13-0597	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,873.34	80.44
07 72 38	13-0598	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,989.80	80.44
07 72 38	13-0599	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,102.84	80.44
07 72 38	13-0600	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,217.59	80.44
07 72 38	13-0601	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,332.34	80.44
07 72 38	13-0602	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,447.09	80.44
07 72 38	13-0603	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,560.13	80.44
07 72 38	13-0604	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,674.88	80.44
07 72 38	13-0605	EA	24" x 16" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,789.63	80.44
07 72 38	13-0606	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,261.32	89.76
07 72 38	13-0607	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,376.07	89.76
07 72 38	13-0608	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,506.23	89.76
07 72 38	13-0609	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,603.86	89.76
07 72 38	13-0610	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,720.32	89.76
07 72 38	13-0611	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,833.36	89.76
07 72 38	13-0612	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,948.11	89.76
07 72 38	13-0613	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,062.86	89.76
07 72 38	13-0614	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,177.61	89.76
07 72 38	13-0615	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,290.65	89.76
07 72 38	13-0616	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,405.40	89.76
07 72 38	13-0617	EA	30" x 15" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,520.15	89.76
07 72 38	13-0618	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,631.26	89.76
07 72 38	13-0619	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,746.01	89.76
07 72 38	13-0620	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,876.18	89.76
07 72 38	13-0621	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,973.80	89.76
07 72 38	13-0622	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,090.27	89.76
07 72 38	13-0623	EA	30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,203.30	89.76



**Thermal And Moisture Protection**     **07**  
**Roof and Wall Specialties and Accessories**     **07 70**  
Roof Accessories     **07 72**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0624	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,318.05	89.76
07 72 38 13-0625	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,432.81	89.76
07 72 38 13-0626	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,547.56	89.76
07 72 38 13-0627	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,660.59	89.76
07 72 38 13-0628	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,775.35	89.76
07 72 38 13-0629	EA		30" x 15" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,890.10	89.76
07 72 38 13-0630	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,455.14	89.76
07 72 38 13-0631	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,569.90	89.76
07 72 38 13-0632	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,700.06	89.76
07 72 38 13-0633	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,797.68	89.76
07 72 38 13-0634	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,914.15	89.76
07 72 38 13-0635	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,027.19	89.76
07 72 38 13-0636	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,141.94	89.76
07 72 38 13-0637	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,256.69	89.76
07 72 38 13-0638	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,371.44	89.76
07 72 38 13-0639	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,484.48	89.76
07 72 38 13-0640	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,599.23	89.76
07 72 38 13-0641	EA		30" x 20" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,713.98	89.76
07 72 38 13-0642	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,825.09	89.76
07 72 38 13-0643	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,939.84	89.76
07 72 38 13-0644	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,070.00	89.76
07 72 38 13-0645	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,167.63	89.76
07 72 38 13-0646	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,284.09	89.76
07 72 38 13-0647	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,397.13	89.76
07 72 38 13-0648	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,511.88	89.76
07 72 38 13-0649	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,626.63	89.76
07 72 38 13-0650	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,741.38	89.76
07 72 38 13-0651	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,854.42	89.76
07 72 38 13-0652	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,969.17	89.76
07 72 38 13-0653	EA		30" x 20" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,083.92	89.76
07 72 38 13-0654	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,535.80	102.59
07 72 38 13-0655	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,650.55	102.59
07 72 38 13-0656	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,760.72	102.59
07 72 38 13-0657	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,878.34	102.59
07 72 38 13-0658	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,994.81	102.59
07 72 38 13-0659	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,107.84	102.59
07 72 38 13-0660	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,222.59	102.59
07 72 38 13-0661	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,337.35	102.59
07 72 38 13-0662	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,452.10	102.59
07 72 38 13-0663	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,565.13	102.59
07 72 38 13-0664	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,679.89	102.59
07 72 38 13-0665	EA		36" x 18" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,794.64	102.59
07 72 38 13-0666	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,905.74	102.59
07 72 38 13-0667	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,020.50	102.59
07 72 38 13-0668	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,150.66	102.59
07 72 38 13-0669	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,248.28	102.59
07 72 38 13-0670	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,364.75	102.59
07 72 38 13-0671	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,477.79	102.59
07 72 38 13-0672	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,592.54	102.59
07 72 38 13-0673	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,707.29	102.59
07 72 38 13-0674	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,822.04	102.59
07 72 38 13-0675	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,935.08	102.59
07 72 38 13-0676	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,049.83	102.59
07 72 38 13-0677	EA		36" x 18" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,164.58	102.59
07 72 38 13-0678	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,814.92	102.59
07 72 38 13-0679	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,929.67	102.59
07 72 38 13-0680	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,059.84	102.59
07 72 38 13-0681	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,157.46	102.59
07 72 38 13-0682	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,273.92	102.59
07 72 38 13-0683	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,386.96	102.59
07 72 38 13-0684	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,501.71	102.59
07 72 38 13-0685	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,616.46	102.59
07 72 38 13-0686	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,731.21	102.59
07 72 38 13-0687	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,844.25	102.59
07 72 38 13-0688	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,959.00	102.59
07 72 38 13-0689	EA		36" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,073.75	102.59
07 72 38 13-0690	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,184.86	102.59
07 72 38 13-0691	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,299.61	102.59
07 72 38 13-0692	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,429.78	102.59
07 72 38 13-0693	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,527.40	102.59
07 72 38 13-0694	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,643.87	102.59
07 72 38 13-0695	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,756.91	102.59
07 72 38 13-0696	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,871.66	102.59
07 72 38 13-0697	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,986.41	102.59
07 72 38 13-0698	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,101.16	102.59
07 72 38 13-0699	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,214.20	102.59
07 72 38 13-0700	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,328.95	102.59
07 72 38 13-0701	EA		36" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,443.70	102.59
07 72 38 13-0702	EA		42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,855.67	114.25
07 72 38 13-0703	EA		42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,970.42	114.25
07 72 38 13-0704	EA		42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,100.58	114.25



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38	13-0705	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,198.21	114.25
07 72 38	13-0706	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,314.67	114.25
07 72 38	13-0707	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,427.71	114.25
07 72 38	13-0708	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,542.46	114.25
07 72 38	13-0709	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,657.21	114.25
07 72 38	13-0710	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,771.96	114.25
07 72 38	13-0711	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,885.00	114.25
07 72 38	13-0712	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,999.75	114.25
07 72 38	13-0713	EA	42" x 21" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,114.50	114.25
07 72 38	13-0714	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,225.61	114.25
07 72 38	13-0715	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,340.36	114.25
07 72 38	13-0716	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,470.53	114.25
07 72 38	13-0717	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,568.15	114.25
07 72 38	13-0718	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,684.62	114.25
07 72 38	13-0719	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,797.65	114.25
07 72 38	13-0720	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,912.40	114.25
07 72 38	13-0721	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,027.16	114.25
07 72 38	13-0722	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,141.91	114.25
07 72 38	13-0723	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,254.94	114.25
07 72 38	13-0724	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,369.70	114.25
07 72 38	13-0725	EA	42" x 21" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,484.45	114.25
07 72 38	13-0726	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,235.58	113.87
07 72 38	13-0727	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,350.33	113.87
07 72 38	13-0728	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,480.50	113.87
07 72 38	13-0729	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,578.12	113.87
07 72 38	13-0730	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,694.58	113.87
07 72 38	13-0731	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,807.62	113.87
07 72 38	13-0732	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,922.37	113.87
07 72 38	13-0733	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,037.12	113.87
07 72 38	13-0734	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,151.87	113.87
07 72 38	13-0735	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,264.91	113.87
07 72 38	13-0736	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,379.66	113.87
07 72 38	13-0737	EA	42" x 28" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,494.41	113.87
07 72 38	13-0738	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,605.52	113.87
07 72 38	13-0739	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,720.27	113.87
07 72 38	13-0740	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,850.44	113.87
07 72 38	13-0741	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,948.06	113.87
07 72 38	13-0742	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,064.53	113.87
07 72 38	13-0743	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,177.56	113.87
07 72 38	13-0744	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,292.32	113.87
07 72 38	13-0745	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,407.07	113.87
07 72 38	13-0746	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,521.82	113.87
07 72 38	13-0747	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,634.86	113.87
07 72 38	13-0748	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,749.61	113.87
07 72 38	13-0749	EA	42" x 28" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,864.36	113.87
07 72 38	13-0750	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,204.56	113.87
07 72 38	13-0751	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,334.47	123.87
07 72 38	13-0752	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,464.64	123.87
07 72 38	13-0753	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,562.26	123.87
07 72 38	13-0754	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,678.73	123.87
07 72 38	13-0755	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,791.76	123.87
07 72 38	13-0756	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,906.52	123.87
07 72 38	13-0757	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,021.27	123.87
07 72 38	13-0758	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,136.02	123.87
07 72 38	13-0759	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,249.06	123.87
07 72 38	13-0760	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,363.81	123.87
07 72 38	13-0761	EA	48" x 24" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,478.56	123.87
07 72 38	13-0762	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,589.67	123.87
07 72 38	13-0763	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,704.42	123.87
07 72 38	13-0764	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,834.58	123.87
07 72 38	13-0765	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,932.21	123.87
07 72 38	13-0766	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	3,048.67	123.87
07 72 38	13-0767	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	3,161.71	123.87
07 72 38	13-0768	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	3,276.46	123.87
07 72 38	13-0769	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,391.21	123.87
07 72 38	13-0770	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,505.96	123.87
07 72 38	13-0771	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,619.00	123.87
07 72 38	13-0772	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,733.75	123.87
07 72 38	13-0773	EA	48" x 24" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,848.50	123.87
07 72 38	13-0774	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,700.77	113.87
07 72 38	13-0775	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,830.68	123.87
07 72 38	13-0776	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,960.84	123.87
07 72 38	13-0777	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	3,058.47	123.87
07 72 38	13-0778	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	3,174.93	123.87
07 72 38	13-0779	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	3,287.97	123.87
07 72 38	13-0780	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,402.72	123.87
07 72 38	13-0781	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,517.47	123.87
07 72 38	13-0782	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,632.22	123.87
07 72 38	13-0783	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,745.26	123.87
07 72 38	13-0784	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,860.01	123.87
07 72 38	13-0785	EA	48" x 32" Arched Triangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,974.76	123.87





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0786 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	3,085.87	123.87
07 72 38 13-0787 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	3,200.62	123.87
07 72 38 13-0788 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,330.79	123.87
07 72 38 13-0789 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,428.41	123.87
07 72 38 13-0790 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,544.87	123.87
07 72 38 13-0791 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,657.91	123.87
07 72 38 13-0792 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,772.66	123.87
07 72 38 13-0793 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,887.41	123.87
07 72 38 13-0794 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	4,002.16	123.87
07 72 38 13-0795 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	4,115.20	123.87
07 72 38 13-0796 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	4,229.95	123.87
07 72 38 13-0797 EA 48" x 32" Arched Triangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	4,344.70	123.87

**07 72 38 13-0798 Eyebrow Copper Roof Dormer Vent** (07 72 38 13-0001)

07 72 38 13-0799 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	711.07	102.59
07 72 38 13-0800 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	825.82	102.59
07 72 38 13-0801 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	955.98	102.59
07 72 38 13-0802 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,053.61	102.59
07 72 38 13-0803 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,170.07	102.59
07 72 38 13-0804 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,283.11	102.59
07 72 38 13-0805 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,397.86	102.59
07 72 38 13-0806 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,512.61	102.59
07 72 38 13-0807 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,627.36	102.59
07 72 38 13-0808 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,740.40	102.59
07 72 38 13-0809 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,855.15	102.59
07 72 38 13-0810 EA 36" x 15" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,969.90	102.59
07 72 38 13-0811 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,081.01	102.59
07 72 38 13-0812 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,195.76	102.59
07 72 38 13-0813 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,325.93	102.59
07 72 38 13-0814 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,423.55	102.59
07 72 38 13-0815 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,540.01	102.59
07 72 38 13-0816 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,653.05	102.59
07 72 38 13-0817 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,767.80	102.59
07 72 38 13-0818 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,882.55	102.59
07 72 38 13-0819 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	1,997.31	102.59
07 72 38 13-0820 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,110.34	102.59
07 72 38 13-0821 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,225.09	102.59
07 72 38 13-0822 EA 36" x 15" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,339.85	102.59
07 72 38 13-0823 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,215.08	114.25
07 72 38 13-0824 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,329.84	114.25
07 72 38 13-0825 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,460.00	114.25
07 72 38 13-0826 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,557.62	114.25
07 72 38 13-0827 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,674.09	114.25
07 72 38 13-0828 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,787.13	114.25
07 72 38 13-0829 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,901.88	114.25
07 72 38 13-0830 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,016.63	114.25
07 72 38 13-0831 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,131.38	114.25
07 72 38 13-0832 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,244.42	114.25
07 72 38 13-0833 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,359.17	114.25
07 72 38 13-0834 EA 42" x 18" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,473.92	114.25
07 72 38 13-0835 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,585.03	114.25
07 72 38 13-0836 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,699.78	114.25
07 72 38 13-0837 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,829.94	114.25
07 72 38 13-0838 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,927.57	114.25
07 72 38 13-0839 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,044.03	114.25
07 72 38 13-0840 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,157.07	114.25
07 72 38 13-0841 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,271.82	114.25
07 72 38 13-0842 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,386.57	114.25
07 72 38 13-0843 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,501.32	114.25
07 72 38 13-0844 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,614.36	114.25
07 72 38 13-0845 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,729.11	114.25
07 72 38 13-0846 EA 42" x 18" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,843.86	114.25
07 72 38 13-0847 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,632.09	114.25
07 72 38 13-0848 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,762.00	123.57
07 72 38 13-0849 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,892.17	123.57
07 72 38 13-0850 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,989.79	123.57
07 72 38 13-0851 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,106.26	123.57
07 72 38 13-0852 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,219.29	123.57
07 72 38 13-0853 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,334.05	123.57
07 72 38 13-0854 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,448.80	123.57
07 72 38 13-0855 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,563.55	123.57
07 72 38 13-0856 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,676.59	123.57
07 72 38 13-0857 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,791.34	123.57
07 72 38 13-0858 EA 48" x 21" Eyebrow Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,906.09	123.57
07 72 38 13-0859 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,017.20	123.57
07 72 38 13-0860 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,131.95	123.57
07 72 38 13-0861 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,262.11	123.57
07 72 38 13-0862 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,359.74	123.57
07 72 38 13-0863 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,476.20	123.57
07 72 38 13-0864 EA 48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,589.24	123.57

**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 72 38 13-0865	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,703.99	123.57
07 72 38 13-0866	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,818.74	123.57
07 72 38 13-0867	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,933.49	123.57
07 72 38 13-0868	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,046.53	123.57
07 72 38 13-0869	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,161.28	123.57
07 72 38 13-0870	EA	48" x 21" Eyebrow Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,276.03	123.57

**07 72 38 13-0871 Rectangle Copper Roof Dormer Vent** (07 72 38 13-0001)

07 72 38 13-0872	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	837.28	66.93
07 72 38 13-0873	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	907.35	66.93
07 72 38 13-0874	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	977.41	66.93
07 72 38 13-0875	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,047.48	66.93
07 72 38 13-0876	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,117.55	66.93
07 72 38 13-0877	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,187.61	66.93
07 72 38 13-0878	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,257.68	66.93
07 72 38 13-0879	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,327.75	66.93
07 72 38 13-0880	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,397.81	66.93
07 72 38 13-0881	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,467.88	66.93
07 72 38 13-0882	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,537.95	66.93
07 72 38 13-0883	EA	12" x 18" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,608.01	66.93
07 72 38 13-0884	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,207.22	66.93
07 72 38 13-0885	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,277.29	66.93
07 72 38 13-0886	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,347.36	66.93
07 72 38 13-0887	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,417.42	66.93
07 72 38 13-0888	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,487.49	66.93
07 72 38 13-0889	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,557.56	66.93
07 72 38 13-0890	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,627.62	66.93
07 72 38 13-0891	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,697.69	66.93
07 72 38 13-0892	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,767.76	66.93
07 72 38 13-0893	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	1,837.82	66.93
07 72 38 13-0894	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	1,907.89	66.93
07 72 38 13-0895	EA	12" x 18" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	1,977.96	66.93
07 72 38 13-0896	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,001.22	80.01
07 72 38 13-0897	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,071.28	80.01
07 72 38 13-0898	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,141.35	80.01
07 72 38 13-0899	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,211.41	80.01
07 72 38 13-0900	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,281.48	80.01
07 72 38 13-0901	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,351.55	80.01
07 72 38 13-0902	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,421.61	80.01
07 72 38 13-0903	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,491.68	80.01
07 72 38 13-0904	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,561.75	80.01
07 72 38 13-0905	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,631.81	80.01
07 72 38 13-0906	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,701.88	80.01
07 72 38 13-0907	EA	15" x 21" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,771.95	80.01
07 72 38 13-0908	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,371.16	80.01
07 72 38 13-0909	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,441.23	80.01
07 72 38 13-0910	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,511.29	80.01
07 72 38 13-0911	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,581.36	80.01
07 72 38 13-0912	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,651.42	80.01
07 72 38 13-0913	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,721.49	80.01
07 72 38 13-0914	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,791.56	80.01
07 72 38 13-0915	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,861.62	80.01
07 72 38 13-0916	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,931.69	80.01
07 72 38 13-0917	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,001.76	80.01
07 72 38 13-0918	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,071.82	80.01
07 72 38 13-0919	EA	15" x 21" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,141.89	80.01
07 72 38 13-0920	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,265.33	90.02
07 72 38 13-0921	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,335.39	90.02
07 72 38 13-0922	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,405.46	90.02
07 72 38 13-0923	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,475.53	90.02
07 72 38 13-0924	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,545.59	90.02
07 72 38 13-0925	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,615.66	90.02
07 72 38 13-0926	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,685.73	90.02
07 72 38 13-0927	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,755.79	90.02
07 72 38 13-0928	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,825.86	90.02
07 72 38 13-0929	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,895.93	90.02
07 72 38 13-0930	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,965.99	90.02
07 72 38 13-0931	EA	18" x 27" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,036.06	90.02
07 72 38 13-0932	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,635.27	90.02
07 72 38 13-0933	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,705.34	90.02
07 72 38 13-0934	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,775.40	90.02
07 72 38 13-0935	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,845.47	90.02
07 72 38 13-0936	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,915.54	90.02
07 72 38 13-0937	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,985.60	90.02
07 72 38 13-0938	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,055.67	90.02
07 72 38 13-0939	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,125.74	90.02
07 72 38 13-0940	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,195.80	90.02
07 72 38 13-0941	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,265.87	90.02
07 72 38 13-0942	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,335.94	90.02
07 72 38 13-0943	EA	18" x 27" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,406.00	90.02



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-0944	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,834.26	102.33
07 72 38 13-0945	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,904.32	102.33
07 72 38 13-0946	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,974.39	102.33
07 72 38 13-0947	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,044.46	102.33
07 72 38 13-0948	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,114.52	102.33
07 72 38 13-0949	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,184.59	102.33
07 72 38 13-0950	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,254.66	102.33
07 72 38 13-0951	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,324.72	102.33
07 72 38 13-0952	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,394.79	102.33
07 72 38 13-0953	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,464.86	102.33
07 72 38 13-0954	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,534.92	102.33
07 72 38 13-0955	EA		24" x 36" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,604.99	102.33
07 72 38 13-0956	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,204.20	102.33
07 72 38 13-0957	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,274.27	102.33
07 72 38 13-0958	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,344.33	102.33
07 72 38 13-0959	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,414.40	102.33
07 72 38 13-0960	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,484.47	102.33
07 72 38 13-0961	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,554.53	102.33
07 72 38 13-0962	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,624.60	102.33
07 72 38 13-0963	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,694.67	102.33
07 72 38 13-0964	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,764.73	102.33
07 72 38 13-0965	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,834.80	102.33
07 72 38 13-0966	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,904.87	102.33
07 72 38 13-0967	EA		24" x 36" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,974.93	102.33
07 72 38 13-0968	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,428.24	113.87
07 72 38 13-0969	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,498.31	113.87
07 72 38 13-0970	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,568.37	113.87
07 72 38 13-0971	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,638.44	113.87
07 72 38 13-0972	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,708.51	113.87
07 72 38 13-0973	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,778.57	113.87
07 72 38 13-0974	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,848.64	113.87
07 72 38 13-0975	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,918.71	113.87
07 72 38 13-0976	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,988.77	113.87
07 72 38 13-0977	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,058.84	113.87
07 72 38 13-0978	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,128.91	113.87
07 72 38 13-0979	EA		30" x 42" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,198.97	113.87
07 72 38 13-0980	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,798.18	113.87
07 72 38 13-0981	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,868.25	113.87
07 72 38 13-0982	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,938.32	113.87
07 72 38 13-0983	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,008.38	113.87
07 72 38 13-0984	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,078.45	113.87
07 72 38 13-0985	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,148.52	113.87
07 72 38 13-0986	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,218.58	113.87
07 72 38 13-0987	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,288.65	113.87
07 72 38 13-0988	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,358.72	113.87
07 72 38 13-0989	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,428.78	113.87
07 72 38 13-0990	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,498.85	113.87
07 72 38 13-0991	EA		30" x 42" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,568.92	113.87
07 72 38 13-0992	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	3,109.55	123.87
07 72 38 13-0993	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	3,194.78	123.87
07 72 38 13-0994	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	3,264.85	123.87
07 72 38 13-0995	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	3,334.91	123.87
07 72 38 13-0996	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	3,404.98	123.87
07 72 38 13-0997	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	3,475.05	123.87
07 72 38 13-0998	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	3,545.11	123.87
07 72 38 13-0999	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,615.18	123.87
07 72 38 13-1000	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,685.25	123.87
07 72 38 13-1001	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,755.31	123.87
07 72 38 13-1002	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,825.38	123.87
07 72 38 13-1003	EA		36" x 48" Rectangle Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,895.45	123.87
07 72 38 13-1004	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	3,494.66	123.87
07 72 38 13-1005	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	3,564.72	123.87
07 72 38 13-1006	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,634.79	123.87
07 72 38 13-1007	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,704.86	123.87
07 72 38 13-1008	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,774.92	123.87
07 72 38 13-1009	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,844.99	123.87
07 72 38 13-1010	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,915.06	123.87
07 72 38 13-1011	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,985.12	123.87
07 72 38 13-1012	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	4,055.19	123.87
07 72 38 13-1013	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	4,125.26	123.87
07 72 38 13-1014	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	4,195.32	123.87
07 72 38 13-1015	EA		36" x 48" Rectangle Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	4,265.39	123.87

**07 72 38 13-1016 Tombstone Copper Roof Dormer Vent** (07 72 38 13-0001)

07 72 38 13-1017	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	880.46	66.93
07 72 38 13-1018	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	995.21	66.93
07 72 38 13-1019	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,125.37	66.93
07 72 38 13-1020	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,223.00	66.93
07 72 38 13-1021	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,339.46	66.93
07 72 38 13-1022	EA		12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,452.50	66.93





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38	13-1023	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,567.25	66.93
07 72 38	13-1024	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,682.00	66.93
07 72 38	13-1025	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,796.75	66.93
07 72 38	13-1026	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,909.79	66.93
07 72 38	13-1027	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,024.54	66.93
07 72 38	13-1028	EA	12" x 18" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,139.29	66.93
07 72 38	13-1029	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,250.40	66.93
07 72 38	13-1030	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,365.15	66.93
07 72 38	13-1031	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,495.32	66.93
07 72 38	13-1032	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,592.94	66.93
07 72 38	13-1033	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,709.41	66.93
07 72 38	13-1034	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,822.44	66.93
07 72 38	13-1035	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,937.19	66.93
07 72 38	13-1036	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,051.95	66.93
07 72 38	13-1037	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,166.70	66.93
07 72 38	13-1038	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,279.73	66.93
07 72 38	13-1039	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,394.49	66.93
07 72 38	13-1040	EA	12" x 18" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,509.24	66.93
07 72 38	13-1041	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,019.66	80.01
07 72 38	13-1042	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,134.41	80.01
07 72 38	13-1043	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,264.58	80.01
07 72 38	13-1044	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,362.20	80.01
07 72 38	13-1045	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,478.66	80.01
07 72 38	13-1046	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,591.70	80.01
07 72 38	13-1047	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,706.45	80.01
07 72 38	13-1048	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,821.20	80.01
07 72 38	13-1049	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,935.96	80.01
07 72 38	13-1050	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,048.99	80.01
07 72 38	13-1051	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,163.74	80.01
07 72 38	13-1052	EA	15" x 21" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,278.50	80.01
07 72 38	13-1053	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,389.60	80.01
07 72 38	13-1054	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,504.36	80.01
07 72 38	13-1055	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,634.52	80.01
07 72 38	13-1056	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,732.14	80.01
07 72 38	13-1057	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,848.61	80.01
07 72 38	13-1058	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,961.65	80.01
07 72 38	13-1059	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,076.40	80.01
07 72 38	13-1060	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,191.15	80.01
07 72 38	13-1061	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,305.90	80.01
07 72 38	13-1062	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,418.94	80.01
07 72 38	13-1063	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,533.69	80.01
07 72 38	13-1064	EA	15" x 21" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,648.44	80.01
07 72 38	13-1065	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,241.04	90.02
07 72 38	13-1066	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,355.79	90.02
07 72 38	13-1067	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,485.96	90.02
07 72 38	13-1068	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,583.58	90.02
07 72 38	13-1069	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,700.04	90.02
07 72 38	13-1070	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,813.08	90.02
07 72 38	13-1071	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,927.83	90.02
07 72 38	13-1072	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,042.58	90.02
07 72 38	13-1073	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,157.33	90.02
07 72 38	13-1074	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,270.37	90.02
07 72 38	13-1075	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,385.12	90.02
07 72 38	13-1076	EA	18" x 27" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,499.87	90.02
07 72 38	13-1077	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,610.98	90.02
07 72 38	13-1078	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,725.73	90.02
07 72 38	13-1079	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,855.90	90.02
07 72 38	13-1080	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,953.52	90.02
07 72 38	13-1081	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,069.99	90.02
07 72 38	13-1082	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,183.03	90.02
07 72 38	13-1083	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,297.78	90.02
07 72 38	13-1084	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,412.53	90.02
07 72 38	13-1085	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,527.28	90.02
07 72 38	13-1086	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,640.32	90.02
07 72 38	13-1087	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,755.07	90.02
07 72 38	13-1088	EA	18" x 27" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,869.82	90.02
07 72 38	13-1089	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,715.50	102.33
07 72 38	13-1090	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,830.25	102.33
07 72 38	13-1091	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,960.41	102.33
07 72 38	13-1092	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	2,058.04	102.33
07 72 38	13-1093	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,174.50	102.33
07 72 38	13-1094	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,287.54	102.33
07 72 38	13-1095	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,402.29	102.33
07 72 38	13-1096	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,517.04	102.33
07 72 38	13-1097	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,631.79	102.33
07 72 38	13-1098	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,744.83	102.33
07 72 38	13-1099	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,859.58	102.33
07 72 38	13-1100	EA	24" x 36" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,974.33	102.33
07 72 38	13-1101	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	2,085.44	102.33
07 72 38	13-1102	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,200.19	102.33
07 72 38	13-1103	EA	24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,330.36	102.33



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1104	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,427.98	102.33
07 72 38 13-1105	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,544.44	102.33
07 72 38 13-1106	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,657.48	102.33
07 72 38 13-1107	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,772.23	102.33
07 72 38 13-1108	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,886.98	102.33
07 72 38 13-1109	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,001.74	102.33
07 72 38 13-1110	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,114.77	102.33
07 72 38 13-1111	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,229.52	102.33
07 72 38 13-1112	EA		24" x 36" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,344.28	102.33
07 72 38 13-1113	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,210.52	113.87
07 72 38 13-1114	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,325.27	113.87
07 72 38 13-1115	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,455.44	113.87
07 72 38 13-1116	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,553.06	113.87
07 72 38 13-1117	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,669.53	113.87
07 72 38 13-1118	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,782.56	113.87
07 72 38 13-1119	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,897.32	113.87
07 72 38 13-1120	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,012.07	113.87
07 72 38 13-1121	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,126.82	113.87
07 72 38 13-1122	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,239.86	113.87
07 72 38 13-1123	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,354.61	113.87
07 72 38 13-1124	EA		30" x 42" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,469.36	113.87
07 72 38 13-1125	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,580.47	113.87
07 72 38 13-1126	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,695.22	113.87
07 72 38 13-1127	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,825.38	113.87
07 72 38 13-1128	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,923.01	113.87
07 72 38 13-1129	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,039.47	113.87
07 72 38 13-1130	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,152.51	113.87
07 72 38 13-1131	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,267.26	113.87
07 72 38 13-1132	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,382.01	113.87
07 72 38 13-1133	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,496.76	113.87
07 72 38 13-1134	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,609.80	113.87
07 72 38 13-1135	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,724.55	113.87
07 72 38 13-1136	EA		30" x 42" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,839.30	113.87
07 72 38 13-1137	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,774.89	113.87
07 72 38 13-1138	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,904.80	123.87
07 72 38 13-1139	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	3,034.97	123.87
07 72 38 13-1140	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	3,132.59	123.87
07 72 38 13-1141	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	3,249.06	123.87
07 72 38 13-1142	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	3,362.09	123.87
07 72 38 13-1143	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	3,476.84	123.87
07 72 38 13-1144	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,591.60	123.87
07 72 38 13-1145	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,706.35	123.87
07 72 38 13-1146	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,819.38	123.87
07 72 38 13-1147	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,934.14	123.87
07 72 38 13-1148	EA		36" x 48" Tombstone Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	4,048.89	123.87
07 72 38 13-1149	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	3,160.00	123.87
07 72 38 13-1150	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	3,274.75	123.87
07 72 38 13-1151	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,404.91	123.87
07 72 38 13-1152	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,502.54	123.87
07 72 38 13-1153	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,619.00	123.87
07 72 38 13-1154	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,732.04	123.87
07 72 38 13-1155	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,846.79	123.87
07 72 38 13-1156	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,961.54	123.87
07 72 38 13-1157	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	4,076.29	123.87
07 72 38 13-1158	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	4,189.33	123.87
07 72 38 13-1159	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	4,304.08	123.87
07 72 38 13-1160	EA		36" x 48" Tombstone Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	4,418.83	123.87
<b>07 72 38 13-1161    Arched Top Copper Roof Dormer Vent</b> <small>(07 72 38 13-0001)</small>					
07 72 38 13-1162	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	875.68	66.93
07 72 38 13-1163	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	980.77	66.93
07 72 38 13-1164	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,085.86	66.93
07 72 38 13-1165	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,190.95	66.93
07 72 38 13-1166	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,296.05	66.93
07 72 38 13-1167	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,401.14	66.93
07 72 38 13-1168	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,506.23	66.93
07 72 38 13-1169	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,611.32	66.93
07 72 38 13-1170	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,716.41	66.93
07 72 38 13-1171	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,821.50	66.93
07 72 38 13-1172	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,926.59	66.93
07 72 38 13-1173	EA		12" x 15" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,031.68	66.93
07 72 38 13-1174	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,245.62	66.93
07 72 38 13-1175	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,350.71	66.93
07 72 38 13-1176	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,455.81	66.93
07 72 38 13-1177	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,560.90	66.93
07 72 38 13-1178	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,665.99	66.93
07 72 38 13-1179	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,771.08	66.93
07 72 38 13-1180	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,876.17	66.93
07 72 38 13-1181	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,981.26	66.93
07 72 38 13-1182	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,086.35	66.93



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1183	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,191.44	66.93
07 72 38 13-1184	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,296.54	66.93
07 72 38 13-1185	EA		12" x 15" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,401.63	66.93
07 72 38 13-1186	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,030.79	80.01
07 72 38 13-1187	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,135.88	80.01
07 72 38 13-1188	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,240.98	80.01
07 72 38 13-1189	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,346.07	80.01
07 72 38 13-1190	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,451.16	80.01
07 72 38 13-1191	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,556.25	80.01
07 72 38 13-1192	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,661.34	80.01
07 72 38 13-1193	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,766.43	80.01
07 72 38 13-1194	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,871.52	80.01
07 72 38 13-1195	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,976.61	80.01
07 72 38 13-1196	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,081.71	80.01
07 72 38 13-1197	EA		15" x 18.75" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,186.80	80.01
07 72 38 13-1198	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,400.74	80.01
07 72 38 13-1199	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,505.83	80.01
07 72 38 13-1200	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,610.92	80.01
07 72 38 13-1201	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,716.01	80.01
07 72 38 13-1202	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,821.10	80.01
07 72 38 13-1203	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,926.19	80.01
07 72 38 13-1204	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,031.28	80.01
07 72 38 13-1205	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,136.38	80.01
07 72 38 13-1206	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,241.47	80.01
07 72 38 13-1207	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,346.56	80.01
07 72 38 13-1208	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,451.65	80.01
07 72 38 13-1209	EA		15" x 18.75" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,556.74	80.01
07 72 38 13-1210	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,212.16	90.02
07 72 38 13-1211	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,317.26	90.02
07 72 38 13-1212	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,422.35	90.02
07 72 38 13-1213	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,527.44	90.02
07 72 38 13-1214	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,632.53	90.02
07 72 38 13-1215	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,737.62	90.02
07 72 38 13-1216	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,842.71	90.02
07 72 38 13-1217	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,947.80	90.02
07 72 38 13-1218	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,052.89	90.02
07 72 38 13-1219	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,157.99	90.02
07 72 38 13-1220	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,263.08	90.02
07 72 38 13-1221	EA		18" x 22.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,368.17	90.02
07 72 38 13-1222	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,582.11	90.02
07 72 38 13-1223	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,687.20	90.02
07 72 38 13-1224	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,792.29	90.02
07 72 38 13-1225	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,897.38	90.02
07 72 38 13-1226	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,002.47	90.02
07 72 38 13-1227	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,107.56	90.02
07 72 38 13-1228	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,212.65	90.02
07 72 38 13-1229	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,317.75	90.02
07 72 38 13-1230	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,422.84	90.02
07 72 38 13-1231	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,527.93	90.02
07 72 38 13-1232	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,633.02	90.02
07 72 38 13-1233	EA		18" x 22.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,738.11	90.02
07 72 38 13-1234	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,625.14	102.33
07 72 38 13-1235	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,730.23	102.33
07 72 38 13-1236	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,835.32	102.33
07 72 38 13-1237	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,940.41	102.33
07 72 38 13-1238	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,045.50	102.33
07 72 38 13-1239	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,150.59	102.33
07 72 38 13-1240	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,255.68	102.33
07 72 38 13-1241	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,360.77	102.33
07 72 38 13-1242	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,465.87	102.33
07 72 38 13-1243	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,570.96	102.33
07 72 38 13-1244	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,676.05	102.33
07 72 38 13-1245	EA		24" x 30" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,781.14	102.33
07 72 38 13-1246	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,995.08	102.33
07 72 38 13-1247	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,100.17	102.33
07 72 38 13-1248	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,205.26	102.33
07 72 38 13-1249	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,310.35	102.33
07 72 38 13-1250	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,415.44	102.33
07 72 38 13-1251	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,520.53	102.33
07 72 38 13-1252	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,625.63	102.33
07 72 38 13-1253	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,730.72	102.33
07 72 38 13-1254	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,835.81	102.33
07 72 38 13-1255	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,940.90	102.33
07 72 38 13-1256	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,045.99	102.33
07 72 38 13-1257	EA		24" x 30" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,151.08	102.33
07 72 38 13-1258	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,183.72	113.87
07 72 38 13-1259	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,288.81	113.87
07 72 38 13-1260	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,393.90	113.87
07 72 38 13-1261	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,498.99	113.87
07 72 38 13-1262	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,604.08	113.87
07 72 38 13-1263	EA		30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,709.18	113.87





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1264 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,814.27	113.87
07 72 38 13-1265 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,919.36	113.87
07 72 38 13-1266 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	3,024.45	113.87
07 72 38 13-1267 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	3,129.54	113.87
07 72 38 13-1268 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	3,234.63	113.87
07 72 38 13-1269 EA 30" x 37.5" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,339.72	113.87
07 72 38 13-1270 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	2,553.66	113.87
07 72 38 13-1271 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,658.75	113.87
07 72 38 13-1272 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,763.85	113.87
07 72 38 13-1273 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,868.94	113.87
07 72 38 13-1274 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,974.03	113.87
07 72 38 13-1275 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	3,079.12	113.87
07 72 38 13-1276 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	3,184.21	113.87
07 72 38 13-1277 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	3,289.30	113.87
07 72 38 13-1278 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	3,394.39	113.87
07 72 38 13-1279 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,499.48	113.87
07 72 38 13-1280 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,604.58	113.87
07 72 38 13-1281 EA 30" x 37.5" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,709.67	113.87
07 72 38 13-1282 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	2,802.19	113.87
07 72 38 13-1283 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	2,922.44	123.87
07 72 38 13-1284 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	3,027.53	123.87
07 72 38 13-1285 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	3,132.63	123.87
07 72 38 13-1286 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	3,237.72	123.87
07 72 38 13-1287 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	3,342.81	123.87
07 72 38 13-1288 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	3,447.90	123.87
07 72 38 13-1289 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	3,552.99	123.87
07 72 38 13-1290 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	3,658.08	123.87
07 72 38 13-1291 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	3,763.17	123.87
07 72 38 13-1292 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	3,868.27	123.87
07 72 38 13-1293 EA 36" x 45" Arched Top Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,973.36	123.87
07 72 38 13-1294 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	3,187.30	123.87
07 72 38 13-1295 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	3,292.39	123.87
07 72 38 13-1296 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	3,397.48	123.87
07 72 38 13-1297 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	3,502.57	123.87
07 72 38 13-1298 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	3,607.66	123.87
07 72 38 13-1299 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	3,712.75	123.87
07 72 38 13-1300 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	3,817.84	123.87
07 72 38 13-1301 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	3,922.93	123.87
07 72 38 13-1302 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	4,028.03	123.87
07 72 38 13-1303 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	4,133.12	123.87
07 72 38 13-1304 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	4,238.21	123.87
07 72 38 13-1305 EA 36" x 45" Arched Top Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	4,343.30	123.87

**07 72 38 13-1306 Hipped Roof Copper Roof Dormer Vent (07 72 38 13-0001)**

07 72 38 13-1307 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	880.46	66.93
07 72 38 13-1308 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	969.98	66.93
07 72 38 13-1309 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,059.50	66.93
07 72 38 13-1310 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,149.03	66.93
07 72 38 13-1311 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,238.55	66.93
07 72 38 13-1312 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,328.07	66.93
07 72 38 13-1313 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,417.60	66.93
07 72 38 13-1314 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,507.12	66.93
07 72 38 13-1315 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,596.64	66.93
07 72 38 13-1316 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,686.16	66.93
07 72 38 13-1317 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,775.69	66.93
07 72 38 13-1318 EA 12" x 18" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,865.21	66.93
07 72 38 13-1319 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,250.40	66.93
07 72 38 13-1320 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,339.92	66.93
07 72 38 13-1321 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,429.45	66.93
07 72 38 13-1322 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,518.97	66.93
07 72 38 13-1323 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,608.49	66.93
07 72 38 13-1324 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,698.02	66.93
07 72 38 13-1325 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,787.54	66.93
07 72 38 13-1326 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,877.06	66.93
07 72 38 13-1327 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	1,966.58	66.93
07 72 38 13-1328 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,056.11	66.93
07 72 38 13-1329 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,145.63	66.93
07 72 38 13-1330 EA 12" x 18" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,235.15	66.93
07 72 38 13-1331 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	973.67	80.01
07 72 38 13-1332 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,063.20	80.01
07 72 38 13-1333 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,152.72	80.01
07 72 38 13-1334 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,242.24	80.01
07 72 38 13-1335 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,331.77	80.01
07 72 38 13-1336 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,421.29	80.01
07 72 38 13-1337 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,510.81	80.01
07 72 38 13-1338 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,600.33	80.01
07 72 38 13-1339 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,689.86	80.01
07 72 38 13-1340 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,779.38	80.01
07 72 38 13-1341 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	1,868.90	80.01
07 72 38 13-1342 EA 15" x 21" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	1,958.43	80.01



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1343	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,343.62	80.01
07 72 38 13-1344	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,433.14	80.01
07 72 38 13-1345	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,522.66	80.01
07 72 38 13-1346	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,612.19	80.01
07 72 38 13-1347	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,701.71	80.01
07 72 38 13-1348	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,791.23	80.01
07 72 38 13-1349	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	1,880.76	80.01
07 72 38 13-1350	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	1,970.28	80.01
07 72 38 13-1351	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,059.80	80.01
07 72 38 13-1352	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,149.32	80.01
07 72 38 13-1353	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,238.85	80.01
07 72 38 13-1354	EA		15" x 21" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,328.37	80.01
07 72 38 13-1355	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,182.14	90.02
07 72 38 13-1356	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,271.66	90.02
07 72 38 13-1357	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,361.19	90.02
07 72 38 13-1358	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,450.71	90.02
07 72 38 13-1359	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,540.23	90.02
07 72 38 13-1360	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,629.75	90.02
07 72 38 13-1361	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	1,719.28	90.02
07 72 38 13-1362	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	1,808.80	90.02
07 72 38 13-1363	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	1,898.32	90.02
07 72 38 13-1364	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	1,987.85	90.02
07 72 38 13-1365	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,077.37	90.02
07 72 38 13-1366	EA		18" x 27" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,166.89	90.02
07 72 38 13-1367	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,552.08	90.02
07 72 38 13-1368	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,641.61	90.02
07 72 38 13-1369	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,731.13	90.02
07 72 38 13-1370	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	1,820.65	90.02
07 72 38 13-1371	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	1,910.17	90.02
07 72 38 13-1372	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	1,999.70	90.02
07 72 38 13-1373	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,089.22	90.02
07 72 38 13-1374	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,178.74	90.02
07 72 38 13-1375	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,268.27	90.02
07 72 38 13-1376	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,357.79	90.02
07 72 38 13-1377	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,447.31	90.02
07 72 38 13-1378	EA		18" x 27" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,536.83	90.02
07 72 38 13-1379	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,628.06	102.33
07 72 38 13-1380	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,717.59	102.33
07 72 38 13-1381	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,807.11	102.33
07 72 38 13-1382	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,896.63	102.33
07 72 38 13-1383	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,986.16	102.33
07 72 38 13-1384	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,075.68	102.33
07 72 38 13-1385	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,165.20	102.33
07 72 38 13-1386	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,254.72	102.33
07 72 38 13-1387	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,344.25	102.33
07 72 38 13-1388	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,433.77	102.33
07 72 38 13-1389	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,523.29	102.33
07 72 38 13-1390	EA		24" x 36" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	2,612.82	102.33
07 72 38 13-1391	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,998.01	102.33
07 72 38 13-1392	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,087.53	102.33
07 72 38 13-1393	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,177.05	102.33
07 72 38 13-1394	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,266.58	102.33
07 72 38 13-1395	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,356.10	102.33
07 72 38 13-1396	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,445.62	102.33
07 72 38 13-1397	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,535.14	102.33
07 72 38 13-1398	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,624.67	102.33
07 72 38 13-1399	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	2,714.19	102.33
07 72 38 13-1400	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	2,803.71	102.33
07 72 38 13-1401	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	2,893.24	102.33
07 72 38 13-1402	EA		24" x 36" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	2,982.76	102.33
07 72 38 13-1403	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	2,093.19	113.87
07 72 38 13-1404	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	2,182.71	113.87
07 72 38 13-1405	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	2,272.23	113.87
07 72 38 13-1406	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	2,361.75	113.87
07 72 38 13-1407	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,451.28	113.87
07 72 38 13-1408	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,540.80	113.87
07 72 38 13-1409	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,630.32	113.87
07 72 38 13-1410	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,719.85	113.87
07 72 38 13-1411	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,809.37	113.87
07 72 38 13-1412	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,898.89	113.87
07 72 38 13-1413	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,988.41	113.87
07 72 38 13-1414	EA		30" x 42" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,077.94	113.87
07 72 38 13-1415	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	2,463.13	113.87
07 72 38 13-1416	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,552.65	113.87
07 72 38 13-1417	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,642.17	113.87
07 72 38 13-1418	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,731.70	113.87
07 72 38 13-1419	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,821.22	113.87
07 72 38 13-1420	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,910.74	113.87
07 72 38 13-1421	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	3,000.27	113.87
07 72 38 13-1422	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	3,089.79	113.87
07 72 38 13-1423	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	3,179.31	113.87



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1424	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,268.83	113.87
07 72 38 13-1425	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,358.36	113.87
07 72 38 13-1426	EA		30" x 42" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,447.88	113.87
07 72 38 13-1427	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,622.20	113.87
07 72 38 13-1428	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,726.89	123.87
07 72 38 13-1429	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,816.41	123.87
07 72 38 13-1430	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,905.93	123.87
07 72 38 13-1431	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,995.46	123.87
07 72 38 13-1432	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	3,084.98	123.87
07 72 38 13-1433	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	3,174.50	123.87
07 72 38 13-1434	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,264.02	123.87
07 72 38 13-1435	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,353.55	123.87
07 72 38 13-1436	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,443.07	123.87
07 72 38 13-1437	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,532.59	123.87
07 72 38 13-1438	EA		36" x 48" Hipped Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,622.12	123.87
07 72 38 13-1439	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	3,007.31	123.87
07 72 38 13-1440	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	3,096.83	123.87
07 72 38 13-1441	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,186.35	123.87
07 72 38 13-1442	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,275.88	123.87
07 72 38 13-1443	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,365.40	123.87
07 72 38 13-1444	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,454.92	123.87
07 72 38 13-1445	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,544.45	123.87
07 72 38 13-1446	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,633.97	123.87
07 72 38 13-1447	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,723.49	123.87
07 72 38 13-1448	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,813.01	123.87
07 72 38 13-1449	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,902.54	123.87
07 72 38 13-1450	EA		36" x 48" Hipped Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,992.06	123.87
<b>07 72 38 13-1451 Gabled Roof Copper Roof Dormer Vent (07 72 38 13-0001)</b>					
07 72 38 13-1452	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	817.19	66.93
07 72 38 13-1453	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	906.71	66.93
07 72 38 13-1454	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	996.24	66.93
07 72 38 13-1455	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,085.76	66.93
07 72 38 13-1456	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,175.28	66.93
07 72 38 13-1457	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,264.81	66.93
07 72 38 13-1458	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,354.33	66.93
07 72 38 13-1459	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,443.85	66.93
07 72 38 13-1460	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,533.37	66.93
07 72 38 13-1461	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,622.90	66.93
07 72 38 13-1462	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,712.42	66.93
07 72 38 13-1463	EA		12" x 18" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,801.94	66.93
07 72 38 13-1464	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,187.13	66.93
07 72 38 13-1465	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,276.66	66.93
07 72 38 13-1466	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,366.18	66.93
07 72 38 13-1467	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,455.70	66.93
07 72 38 13-1468	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,545.23	66.93
07 72 38 13-1469	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,634.75	66.93
07 72 38 13-1470	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,724.27	66.93
07 72 38 13-1471	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,813.79	66.93
07 72 38 13-1472	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	1,903.32	66.93
07 72 38 13-1473	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	1,992.84	66.93
07 72 38 13-1474	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,082.36	66.93
07 72 38 13-1475	EA		12" x 18" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,171.89	66.93
07 72 38 13-1476	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	943.82	80.01
07 72 38 13-1477	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,033.35	80.01
07 72 38 13-1478	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,122.87	80.01
07 72 38 13-1479	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,212.39	80.01
07 72 38 13-1480	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,301.91	80.01
07 72 38 13-1481	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,391.44	80.01
07 72 38 13-1482	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,480.96	80.01
07 72 38 13-1483	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,570.48	80.01
07 72 38 13-1484	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,660.01	80.01
07 72 38 13-1485	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,749.53	80.01
07 72 38 13-1486	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,839.05	80.01
07 72 38 13-1487	EA		15" x 21" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	1,928.57	80.01
07 72 38 13-1488	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,313.77	80.01
07 72 38 13-1489	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,403.29	80.01
07 72 38 13-1490	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,492.81	80.01
07 72 38 13-1491	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,582.33	80.01
07 72 38 13-1492	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,671.86	80.01
07 72 38 13-1493	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,761.38	80.01
07 72 38 13-1494	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,850.90	80.01
07 72 38 13-1495	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	1,940.43	80.01
07 72 38 13-1496	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,029.95	80.01
07 72 38 13-1497	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,119.47	80.01
07 72 38 13-1498	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,208.99	80.01
07 72 38 13-1499	EA		15" x 21" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,298.52	80.01
07 72 38 13-1500	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,143.50	90.02
07 72 38 13-1501	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,233.02	90.02
07 72 38 13-1502	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,322.55	90.02



**07 Thermal And Moisture Protection**  
**07 70 Roof and Wall Specialties and Accessories**  
**07 72 Roof Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1503	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,412.07	90.02
07 72 38 13-1504	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,501.59	90.02
07 72 38 13-1505	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	1,591.12	90.02
07 72 38 13-1506	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	1,680.64	90.02
07 72 38 13-1507	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	1,770.16	90.02
07 72 38 13-1508	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	1,859.68	90.02
07 72 38 13-1509	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	1,949.21	90.02
07 72 38 13-1510	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,038.73	90.02
07 72 38 13-1511	EA		18" x 27" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,128.25	90.02
07 72 38 13-1512	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,513.45	90.02
07 72 38 13-1513	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	1,602.97	90.02
07 72 38 13-1514	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	1,692.49	90.02
07 72 38 13-1515	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	1,782.01	90.02
07 72 38 13-1516	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	1,871.54	90.02
07 72 38 13-1517	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	1,961.06	90.02
07 72 38 13-1518	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,050.58	90.02
07 72 38 13-1519	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,140.10	90.02
07 72 38 13-1520	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,229.63	90.02
07 72 38 13-1521	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,319.15	90.02
07 72 38 13-1522	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,408.67	90.02
07 72 38 13-1523	EA		18" x 27" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,498.20	90.02
07 72 38 13-1524	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	1,570.00	102.33
07 72 38 13-1525	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	1,659.53	102.33
07 72 38 13-1526	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	1,749.05	102.33
07 72 38 13-1527	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	1,838.57	102.33
07 72 38 13-1528	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	1,928.10	102.33
07 72 38 13-1529	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,017.62	102.33
07 72 38 13-1530	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,107.14	102.33
07 72 38 13-1531	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,196.66	102.33
07 72 38 13-1532	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,286.19	102.33
07 72 38 13-1533	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,375.71	102.33
07 72 38 13-1534	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,465.23	102.33
07 72 38 13-1535	EA		24" x 36" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,554.76	102.33
07 72 38 13-1536	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	1,939.95	102.33
07 72 38 13-1537	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,029.47	102.33
07 72 38 13-1538	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,118.99	102.33
07 72 38 13-1539	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,208.52	102.33
07 72 38 13-1540	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,298.04	102.33
07 72 38 13-1541	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,387.56	102.33
07 72 38 13-1542	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,477.08	102.33
07 72 38 13-1543	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	2,566.61	102.33
07 72 38 13-1544	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	2,656.13	102.33
07 72 38 13-1545	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	2,745.65	102.33
07 72 38 13-1546	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	2,835.18	102.33
07 72 38 13-1547	EA		24" x 36" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	2,924.70	102.33
07 72 38 13-1548	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,014.78	113.87
07 72 38 13-1549	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,104.30	113.87
07 72 38 13-1550	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,193.82	113.87
07 72 38 13-1551	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,283.35	113.87
07 72 38 13-1552	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,372.87	113.87
07 72 38 13-1553	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,462.39	113.87
07 72 38 13-1554	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	2,551.92	113.87
07 72 38 13-1555	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	2,641.44	113.87
07 72 38 13-1556	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	2,730.96	113.87
07 72 38 13-1557	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	2,820.48	113.87
07 72 38 13-1558	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	2,910.01	113.87
07 72 38 13-1559	EA		30" x 42" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	2,999.53	113.87
07 72 38 13-1560	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope	2,384.72	113.87
07 72 38 13-1561	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope	2,474.24	113.87
07 72 38 13-1562	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope	2,563.77	113.87
07 72 38 13-1563	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope	2,653.29	113.87
07 72 38 13-1564	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope	2,742.81	113.87
07 72 38 13-1565	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope	2,832.34	113.87
07 72 38 13-1566	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope	2,921.86	113.87
07 72 38 13-1567	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope	3,011.38	113.87
07 72 38 13-1568	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope	3,100.90	113.87
07 72 38 13-1569	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope	3,190.43	113.87
07 72 38 13-1570	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope	3,279.95	113.87
07 72 38 13-1571	EA		30" x 42" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope	3,369.47	113.87
07 72 38 13-1572	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 16/12 Slope	2,519.75	113.87
07 72 38 13-1573	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 15/12 Slope	2,624.43	123.87
07 72 38 13-1574	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 14/12 Slope	2,713.96	123.87
07 72 38 13-1575	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 13/12 Slope	2,803.48	123.87
07 72 38 13-1576	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 12/12 Slope	2,893.00	123.87
07 72 38 13-1577	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 11/12 Slope	2,982.53	123.87
07 72 38 13-1578	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 10/12 Slope	3,072.05	123.87
07 72 38 13-1579	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 9/12 Slope	3,161.57	123.87
07 72 38 13-1580	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 8/12 Slope	3,251.09	123.87
07 72 38 13-1581	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 7/12 Slope	3,340.62	123.87
07 72 38 13-1582	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 6/12 Slope	3,430.14	123.87
07 72 38 13-1583	EA		36" x 48" Gabled Roof Copper Dormer Vents, 16 Oz Copper, 5/12 Slope	3,519.66	123.87



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1584 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,904.85	123.87
07 72 38 13-1585 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,994.38	123.87
07 72 38 13-1586 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,083.90	123.87
07 72 38 13-1587 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,173.42	123.87
07 72 38 13-1588 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,262.95	123.87
07 72 38 13-1589 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,352.47	123.87
07 72 38 13-1590 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,441.99	123.87
07 72 38 13-1591 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,531.51	123.87
07 72 38 13-1592 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,621.04	123.87
07 72 38 13-1593 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,710.56	123.87
07 72 38 13-1594 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,800.08	123.87
07 72 38 13-1595 EA 36" x 48" Gabled Roof Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,889.61	123.87

**07 72 38 13-1596 Pedimented Copper Roof Dormer Vent** (07 72 38 13-0001)

07 72 38 13-1597 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,050.46	66.93
07 72 38 13-1598 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,139.98	66.93
07 72 38 13-1599 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,229.51	66.93
07 72 38 13-1600 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,319.03	66.93
07 72 38 13-1601 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,408.55	66.93
07 72 38 13-1602 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,498.08	66.93
07 72 38 13-1603 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,587.60	66.93
07 72 38 13-1604 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,677.12	66.93
07 72 38 13-1605 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,766.64	66.93
07 72 38 13-1606 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	1,856.17	66.93
07 72 38 13-1607 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	1,945.69	66.93
07 72 38 13-1608 EA 12" x 18" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,035.21	66.93
07 72 38 13-1609 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,420.40	66.93
07 72 38 13-1610 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,509.93	66.93
07 72 38 13-1611 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,599.45	66.93
07 72 38 13-1612 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,688.97	66.93
07 72 38 13-1613 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,778.50	66.93
07 72 38 13-1614 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	1,868.02	66.93
07 72 38 13-1615 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	1,957.54	66.93
07 72 38 13-1616 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,047.06	66.93
07 72 38 13-1617 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,136.59	66.93
07 72 38 13-1618 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,226.11	66.93
07 72 38 13-1619 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,315.63	66.93
07 72 38 13-1620 EA 12" x 18" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,405.16	66.93
07 72 38 13-1621 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,256.78	80.01
07 72 38 13-1622 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,346.31	80.01
07 72 38 13-1623 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,435.83	80.01
07 72 38 13-1624 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,525.35	80.01
07 72 38 13-1625 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,614.88	80.01
07 72 38 13-1626 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	1,704.40	80.01
07 72 38 13-1627 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	1,793.92	80.01
07 72 38 13-1628 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	1,883.44	80.01
07 72 38 13-1629 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	1,972.97	80.01
07 72 38 13-1630 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,062.49	80.01
07 72 38 13-1631 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,152.01	80.01
07 72 38 13-1632 EA 15" x 21" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,241.54	80.01
07 72 38 13-1633 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,626.73	80.01
07 72 38 13-1634 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	1,716.25	80.01
07 72 38 13-1635 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	1,805.77	80.01
07 72 38 13-1636 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	1,895.30	80.01
07 72 38 13-1637 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	1,984.82	80.01
07 72 38 13-1638 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,074.34	80.01
07 72 38 13-1639 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,163.86	80.01
07 72 38 13-1640 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,253.39	80.01
07 72 38 13-1641 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,342.91	80.01
07 72 38 13-1642 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,432.43	80.01
07 72 38 13-1643 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,521.96	80.01
07 72 38 13-1644 EA 15" x 21" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,611.48	80.01
07 72 38 13-1645 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	1,594.11	90.02
07 72 38 13-1646 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	1,683.64	90.02
07 72 38 13-1647 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	1,773.16	90.02
07 72 38 13-1648 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	1,862.68	90.02
07 72 38 13-1649 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	1,952.20	90.02
07 72 38 13-1650 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,041.73	90.02
07 72 38 13-1651 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,131.25	90.02
07 72 38 13-1652 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,220.77	90.02
07 72 38 13-1653 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	2,310.30	90.02
07 72 38 13-1654 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	2,399.82	90.02
07 72 38 13-1655 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	2,489.34	90.02
07 72 38 13-1656 EA 18" x 27" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	2,578.86	90.02
07 72 38 13-1657 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	1,964.06	90.02
07 72 38 13-1658 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,053.58	90.02
07 72 38 13-1659 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,143.10	90.02
07 72 38 13-1660 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,232.62	90.02
07 72 38 13-1661 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	2,322.15	90.02
07 72 38 13-1662 EA 18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	2,411.67	90.02



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1663	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	2,501.19	90.02
07 72 38 13-1664	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	2,590.72	90.02
07 72 38 13-1665	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	2,680.24	90.02
07 72 38 13-1666	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	2,769.76	90.02
07 72 38 13-1667	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	2,859.28	90.02
07 72 38 13-1668	EA		18" x 27" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	2,948.81	90.02
07 72 38 13-1669	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	2,324.89	102.33
07 72 38 13-1670	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	2,414.42	102.33
07 72 38 13-1671	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	2,503.94	102.33
07 72 38 13-1672	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	2,593.46	102.33
07 72 38 13-1673	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	2,682.99	102.33
07 72 38 13-1674	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	2,772.51	102.33
07 72 38 13-1675	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	2,862.03	102.33
07 72 38 13-1676	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	2,951.55	102.33
07 72 38 13-1677	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,041.08	102.33
07 72 38 13-1678	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,130.60	102.33
07 72 38 13-1679	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,220.12	102.33
07 72 38 13-1680	EA		24" x 36" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	3,309.64	102.33
07 72 38 13-1681	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	2,694.84	102.33
07 72 38 13-1682	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	2,784.36	102.33
07 72 38 13-1683	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	2,873.88	102.33
07 72 38 13-1684	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	2,963.41	102.33
07 72 38 13-1685	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,052.93	102.33
07 72 38 13-1686	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,142.45	102.33
07 72 38 13-1687	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,231.97	102.33
07 72 38 13-1688	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	3,321.50	102.33
07 72 38 13-1689	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	3,411.02	102.33
07 72 38 13-1690	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	3,500.54	102.33
07 72 38 13-1691	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	3,590.07	102.33
07 72 38 13-1692	EA		24" x 36" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	3,679.59	102.33
07 72 38 13-1693	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	3,088.44	113.87
07 72 38 13-1694	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	3,177.96	113.87
07 72 38 13-1695	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	3,267.48	113.87
07 72 38 13-1696	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	3,357.00	113.87
07 72 38 13-1697	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	3,446.53	113.87
07 72 38 13-1698	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	3,536.05	113.87
07 72 38 13-1699	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	3,625.57	113.87
07 72 38 13-1700	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	3,715.10	113.87
07 72 38 13-1701	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	3,804.62	113.87
07 72 38 13-1702	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	3,894.14	113.87
07 72 38 13-1703	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	3,983.66	113.87
07 72 38 13-1704	EA		30" x 42" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	4,073.19	113.87
07 72 38 13-1705	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	3,458.38	113.87
07 72 38 13-1706	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	3,547.90	113.87
07 72 38 13-1707	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	3,637.42	113.87
07 72 38 13-1708	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	3,726.95	113.87
07 72 38 13-1709	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	3,816.47	113.87
07 72 38 13-1710	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	3,905.99	113.87
07 72 38 13-1711	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	3,995.52	113.87
07 72 38 13-1712	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	4,085.04	113.87
07 72 38 13-1713	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	4,174.56	113.87
07 72 38 13-1714	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	4,264.08	113.87
07 72 38 13-1715	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	4,353.61	113.87
07 72 38 13-1716	EA		30" x 42" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	4,443.13	113.87
07 72 38 13-1717	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 16/12 Slope .....	3,970.13	113.87
07 72 38 13-1718	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 15/12 Slope .....	4,074.82	123.87
07 72 38 13-1719	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 14/12 Slope .....	4,164.34	123.87
07 72 38 13-1720	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 13/12 Slope .....	4,253.86	123.87
07 72 38 13-1721	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 12/12 Slope .....	4,343.39	123.87
07 72 38 13-1722	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 11/12 Slope .....	4,432.91	123.87
07 72 38 13-1723	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 10/12 Slope .....	4,522.43	123.87
07 72 38 13-1724	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 9/12 Slope .....	4,611.95	123.87
07 72 38 13-1725	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 8/12 Slope .....	4,701.48	123.87
07 72 38 13-1726	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 7/12 Slope .....	4,791.00	123.87
07 72 38 13-1727	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 6/12 Slope .....	4,880.52	123.87
07 72 38 13-1728	EA		36" x 48" Pedimented Copper Dormer Vents, 16 Oz Copper, 5/12 Slope .....	4,970.05	123.87
07 72 38 13-1729	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 16/12 Slope .....	4,355.24	123.87
07 72 38 13-1730	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 15/12 Slope .....	4,444.76	123.87
07 72 38 13-1731	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 14/12 Slope .....	4,534.28	123.87
07 72 38 13-1732	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 13/12 Slope .....	4,623.81	123.87
07 72 38 13-1733	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 12/12 Slope .....	4,713.33	123.87
07 72 38 13-1734	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 11/12 Slope .....	4,802.85	123.87
07 72 38 13-1735	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 10/12 Slope .....	4,892.37	123.87
07 72 38 13-1736	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 9/12 Slope .....	4,981.90	123.87
07 72 38 13-1737	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 8/12 Slope .....	5,071.42	123.87
07 72 38 13-1738	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 7/12 Slope .....	5,160.94	123.87
07 72 38 13-1739	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 6/12 Slope .....	5,250.47	123.87
07 72 38 13-1740	EA		36" x 48" Pedimented Copper Dormer Vents, 20 Oz Copper, 5/12 Slope .....	5,339.99	123.87

07 72 38 13-1741 Mantle Clock Copper Roof Dormer Vent (07 72 38 13-0001)





**Thermal And Moisture Protection**     **07**  
**Roof and Wall Specialties and Accessories**     **07 70**  
Roof Accessories     **07 72**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1742	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,096.31	102.33
07 72 38 13-1743	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,275.83	102.33
07 72 38 13-1744	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,455.36	102.33
07 72 38 13-1745	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,634.88	102.33
07 72 38 13-1746	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	1,814.41	102.33
07 72 38 13-1747	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	1,993.93	102.33
07 72 38 13-1748	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,173.46	102.33
07 72 38 13-1749	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,352.98	102.33
07 72 38 13-1750	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,532.51	102.33
07 72 38 13-1751	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	2,712.03	102.33
07 72 38 13-1752	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	2,891.56	102.33
07 72 38 13-1753	EA		30" x 36" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,071.08	102.33
07 72 38 13-1754	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,575.86	102.33
07 72 38 13-1755	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	1,755.39	102.33
07 72 38 13-1756	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	1,934.91	102.33
07 72 38 13-1757	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,114.44	102.33
07 72 38 13-1758	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,293.96	102.33
07 72 38 13-1759	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,473.49	102.33
07 72 38 13-1760	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,653.01	102.33
07 72 38 13-1761	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	2,832.54	102.33
07 72 38 13-1762	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	3,012.06	102.33
07 72 38 13-1763	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,191.59	102.33
07 72 38 13-1764	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,371.11	102.33
07 72 38 13-1765	EA		30" x 36" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,550.64	102.33
07 72 38 13-1766	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	1,394.95	113.87
07 72 38 13-1767	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	1,574.48	113.87
07 72 38 13-1768	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	1,754.00	113.87
07 72 38 13-1769	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	1,933.53	113.87
07 72 38 13-1770	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	2,113.05	113.87
07 72 38 13-1771	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	2,292.58	113.87
07 72 38 13-1772	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	2,472.10	113.87
07 72 38 13-1773	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	2,651.63	113.87
07 72 38 13-1774	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	2,831.15	113.87
07 72 38 13-1775	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	3,010.68	113.87
07 72 38 13-1776	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	3,190.20	113.87
07 72 38 13-1777	EA		36" x 42" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	3,369.73	113.87
07 72 38 13-1778	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	1,874.51	113.87
07 72 38 13-1779	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	2,054.03	113.87
07 72 38 13-1780	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	2,233.56	113.87
07 72 38 13-1781	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	2,413.08	113.87
07 72 38 13-1782	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	2,592.61	113.87
07 72 38 13-1783	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	2,772.13	113.87
07 72 38 13-1784	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	2,951.66	113.87
07 72 38 13-1785	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	3,131.19	113.87
07 72 38 13-1786	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	3,310.71	113.87
07 72 38 13-1787	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	3,490.24	113.87
07 72 38 13-1788	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	3,669.76	113.87
07 72 38 13-1789	EA		36" x 42" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	3,849.29	113.87
07 72 38 13-1790	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 16/12 Slope.....	2,803.31	123.87
07 72 38 13-1791	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 15/12 Slope.....	2,997.99	123.87
07 72 38 13-1792	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 14/12 Slope.....	3,177.52	123.87
07 72 38 13-1793	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 13/12 Slope.....	3,357.04	123.87
07 72 38 13-1794	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 12/12 Slope.....	3,536.57	123.87
07 72 38 13-1795	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 11/12 Slope.....	3,716.09	123.87
07 72 38 13-1796	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 10/12 Slope.....	3,895.62	123.87
07 72 38 13-1797	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 9/12 Slope.....	4,075.14	123.87
07 72 38 13-1798	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 8/12 Slope.....	4,254.67	123.87
07 72 38 13-1799	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 7/12 Slope.....	4,434.19	123.87
07 72 38 13-1800	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 6/12 Slope.....	4,613.72	123.87
07 72 38 13-1801	EA		42" x 49" Mantle Clock Copper Dormer Vents, 16 Oz Copper, 5/12 Slope.....	4,793.24	123.87
07 72 38 13-1802	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 16/12 Slope.....	3,298.02	123.87
07 72 38 13-1803	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 15/12 Slope.....	3,477.55	123.87
07 72 38 13-1804	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 14/12 Slope.....	3,657.07	123.87
07 72 38 13-1805	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 13/12 Slope.....	3,836.60	123.87
07 72 38 13-1806	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 12/12 Slope.....	4,016.12	123.87
07 72 38 13-1807	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 11/12 Slope.....	4,195.65	123.87
07 72 38 13-1808	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 10/12 Slope.....	4,375.17	123.87
07 72 38 13-1809	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 9/12 Slope.....	4,554.70	123.87
07 72 38 13-1810	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 8/12 Slope.....	4,734.22	123.87
07 72 38 13-1811	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 7/12 Slope.....	4,913.75	123.87
07 72 38 13-1812	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 6/12 Slope.....	5,093.27	123.87
07 72 38 13-1813	EA		42" x 49" Mantle Clock Copper Dormer Vents, 20 Oz Copper, 5/12 Slope.....	5,272.80	123.87

**07 72 38 13-1814**

**Aluminum Roof Dormer Vent** (07 72 38 13)

Note: Includes insect screen on the inside of the louvers, 0.032 Kynar finish Aluminum and fabricated with sturdy wooden framing.

**07 72 38 13-1815**

**Half Round Aluminum Roof Dormer Vent** (07 72 38 13-1814)

07 72 38 13-1816	EA		18" Half Round Aluminum Dormer Vents, 16/12 Slope.....	552.03	66.93
07 72 38 13-1817	EA		18" Half Round Aluminum Dormer Vents, 15/12 Slope.....	767.14	66.93
07 72 38 13-1818	EA		18" Half Round Aluminum Dormer Vents, 14/12 Slope.....	1,011.14	66.93



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 72 38 13-1819	EA	18"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	1,194.15	66.93
07 72 38 13-1820	EA	18"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	1,412.47	66.93
07 72 38 13-1821	EA	18"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	1,624.37	66.93
07 72 38 13-1822	EA	18"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	1,839.48	66.93
07 72 38 13-1823	EA	18"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	2,054.59	66.93
07 72 38 13-1824	EA	18"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	2,269.70	66.93
07 72 38 13-1825	EA	18"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	2,481.60	66.93
07 72 38 13-1826	EA	18"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	2,696.71	66.93
07 72 38 13-1827	EA	18"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	2,911.82	66.93
07 72 38 13-1828	EA	24"	Half Round Aluminum Dormer Vents, 16/12 Slope.....	651.36	80.01
07 72 38 13-1829	EA	24"	Half Round Aluminum Dormer Vents, 15/12 Slope.....	866.47	80.01
07 72 38 13-1830	EA	24"	Half Round Aluminum Dormer Vents, 14/12 Slope.....	1,110.48	80.01
07 72 38 13-1831	EA	24"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	1,293.48	80.01
07 72 38 13-1832	EA	24"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	1,511.81	80.01
07 72 38 13-1833	EA	24"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	1,723.70	80.01
07 72 38 13-1834	EA	24"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	1,938.81	80.01
07 72 38 13-1835	EA	24"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	2,153.93	80.01
07 72 38 13-1836	EA	24"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	2,369.04	80.01
07 72 38 13-1837	EA	24"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	2,580.93	80.01
07 72 38 13-1838	EA	24"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	2,796.05	80.01
07 72 38 13-1839	EA	24"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	3,011.16	80.01
07 72 38 13-1840	EA	30"	Half Round Aluminum Dormer Vents, 16/12 Slope.....	760.09	90.02
07 72 38 13-1841	EA	30"	Half Round Aluminum Dormer Vents, 15/12 Slope.....	975.20	90.02
07 72 38 13-1842	EA	30"	Half Round Aluminum Dormer Vents, 14/12 Slope.....	1,219.21	90.02
07 72 38 13-1843	EA	30"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	1,402.21	90.02
07 72 38 13-1844	EA	30"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	1,620.53	90.02
07 72 38 13-1845	EA	30"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	1,832.43	90.02
07 72 38 13-1846	EA	30"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	2,047.54	90.02
07 72 38 13-1847	EA	30"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	2,262.65	90.02
07 72 38 13-1848	EA	30"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	2,477.76	90.02
07 72 38 13-1849	EA	30"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	2,689.66	90.02
07 72 38 13-1850	EA	30"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	2,904.77	90.02
07 72 38 13-1851	EA	30"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	3,119.88	90.02
07 72 38 13-1852	EA	36"	Half Round Aluminum Dormer Vents, 16/12 Slope.....	888.79	102.33
07 72 38 13-1853	EA	36"	Half Round Aluminum Dormer Vents, 15/12 Slope.....	1,103.90	102.33
07 72 38 13-1854	EA	36"	Half Round Aluminum Dormer Vents, 14/12 Slope.....	1,347.91	102.33
07 72 38 13-1855	EA	36"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	1,530.91	102.33
07 72 38 13-1856	EA	36"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	1,749.23	102.33
07 72 38 13-1857	EA	36"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	1,961.13	102.33
07 72 38 13-1858	EA	36"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	2,176.24	102.33
07 72 38 13-1859	EA	36"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	2,391.35	102.33
07 72 38 13-1860	EA	36"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	2,606.46	102.33
07 72 38 13-1861	EA	36"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	2,818.36	102.33
07 72 38 13-1862	EA	36"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	3,033.47	102.33
07 72 38 13-1863	EA	36"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	3,248.58	102.33
07 72 38 13-1864	EA	42"	Half Round Aluminum Dormer Vents, 16/12 Slope.....	1,459.05	113.87
07 72 38 13-1865	EA	42"	Half Round Aluminum Dormer Vents, 15/12 Slope.....	1,674.16	113.87
07 72 38 13-1866	EA	42"	Half Round Aluminum Dormer Vents, 14/12 Slope.....	1,918.17	113.87
07 72 38 13-1867	EA	42"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	2,101.17	113.87
07 72 38 13-1868	EA	42"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	2,319.49	113.87
07 72 38 13-1869	EA	42"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	2,531.39	113.87
07 72 38 13-1870	EA	42"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	2,746.50	113.87
07 72 38 13-1871	EA	42"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	2,961.61	113.87
07 72 38 13-1872	EA	42"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	3,176.72	113.87
07 72 38 13-1873	EA	42"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	3,388.62	113.87
07 72 38 13-1874	EA	42"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	3,603.73	113.87
07 72 38 13-1875	EA	42"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	3,818.84	113.87
07 72 38 13-1876	EA	48"	Half Round Aluminum Dormer Vents, 16/12 Slope.....	2,096.87	113.87
07 72 38 13-1877	EA	48"	Half Round Aluminum Dormer Vents, 15/12 Slope.....	2,327.14	123.87
07 72 38 13-1878	EA	48"	Half Round Aluminum Dormer Vents, 14/12 Slope.....	2,571.14	123.87
07 72 38 13-1879	EA	48"	Half Round Aluminum Dormer Vents, 13/12 Slope.....	2,754.15	123.87
07 72 38 13-1880	EA	48"	Half Round Aluminum Dormer Vents, 12/12 Slope.....	2,972.47	123.87
07 72 38 13-1881	EA	48"	Half Round Aluminum Dormer Vents, 11/12 Slope.....	3,184.37	123.87
07 72 38 13-1882	EA	48"	Half Round Aluminum Dormer Vents, 10/12 Slope.....	3,399.48	123.87
07 72 38 13-1883	EA	48"	Half Round Aluminum Dormer Vents, 9/12 Slope.....	3,614.59	123.87
07 72 38 13-1884	EA	48"	Half Round Aluminum Dormer Vents, 8/12 Slope.....	3,829.70	123.87
07 72 38 13-1885	EA	48"	Half Round Aluminum Dormer Vents, 7/12 Slope.....	4,041.60	123.87
07 72 38 13-1886	EA	48"	Half Round Aluminum Dormer Vents, 6/12 Slope.....	4,256.71	123.87
07 72 38 13-1887	EA	48"	Half Round Aluminum Dormer Vents, 5/12 Slope.....	4,471.82	123.87

**07 72 38 13-1888 Triangle Aluminum Roof Dormer Vent** (07 72 38 13-1814)

07 72 38 13-1889	EA	18" x 9"	Triangle Aluminum Dormer Vents, 16/12 Slope.....	1,250.01	66.93
07 72 38 13-1890	EA	18" x 9"	Triangle Aluminum Dormer Vents, 15/12 Slope.....	1,465.12	66.93
07 72 38 13-1891	EA	18" x 9"	Triangle Aluminum Dormer Vents, 14/12 Slope.....	1,709.13	66.93
07 72 38 13-1892	EA	18" x 9"	Triangle Aluminum Dormer Vents, 13/12 Slope.....	1,892.13	66.93
07 72 38 13-1893	EA	18" x 9"	Triangle Aluminum Dormer Vents, 12/12 Slope.....	2,110.45	66.93
07 72 38 13-1894	EA	18" x 9"	Triangle Aluminum Dormer Vents, 11/12 Slope.....	2,322.35	66.93
07 72 38 13-1895	EA	18" x 9"	Triangle Aluminum Dormer Vents, 10/12 Slope.....	2,537.46	66.93
07 72 38 13-1896	EA	18" x 9"	Triangle Aluminum Dormer Vents, 9/12 Slope.....	2,752.57	66.93
07 72 38 13-1897	EA	18" x 9"	Triangle Aluminum Dormer Vents, 8/12 Slope.....	2,967.68	66.93



<b>Thermal And Moisture Protection</b>	<b>07</b>
<b>Roof and Wall Specialties and Accessories</b>	<b>07 70</b>
<b>Roof Accessories</b>	<b>07 72</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-1898 EA 18" x 9" Triangle Aluminum Dormer Vents, 7/12 Slope .....	3,179.58	66.93
07 72 38 13-1899 EA 18" x 9" Triangle Aluminum Dormer Vents, 6/12 Slope .....	3,394.69	66.93
07 72 38 13-1900 EA 18" x 9" Triangle Aluminum Dormer Vents, 5/12 Slope .....	3,609.80	66.93
07 72 38 13-1901 EA 18" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope .....	1,349.32	66.93
07 72 38 13-1902 EA 18" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope .....	1,564.43	66.93
07 72 38 13-1903 EA 18" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope .....	1,808.43	66.93
07 72 38 13-1904 EA 18" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope .....	1,991.44	66.93
07 72 38 13-1905 EA 18" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope .....	2,209.76	66.93
07 72 38 13-1906 EA 18" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope .....	2,421.66	66.93
07 72 38 13-1907 EA 18" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope .....	2,636.77	66.93
07 72 38 13-1908 EA 18" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope .....	2,851.88	66.93
07 72 38 13-1909 EA 18" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,066.99	66.93
07 72 38 13-1910 EA 18" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope .....	3,278.89	66.93
07 72 38 13-1911 EA 18" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope .....	3,490.00	66.93
07 72 38 13-1912 EA 18" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope .....	3,709.11	66.93
07 72 38 13-1913 EA 24" x 12" Triangle Aluminum Dormer Vents, 16/12 Slope .....	1,501.53	80.01
07 72 38 13-1914 EA 24" x 12" Triangle Aluminum Dormer Vents, 15/12 Slope .....	1,716.64	80.01
07 72 38 13-1915 EA 24" x 12" Triangle Aluminum Dormer Vents, 14/12 Slope .....	1,960.65	80.01
07 72 38 13-1916 EA 24" x 12" Triangle Aluminum Dormer Vents, 13/12 Slope .....	2,143.65	80.01
07 72 38 13-1917 EA 24" x 12" Triangle Aluminum Dormer Vents, 12/12 Slope .....	2,361.97	80.01
07 72 38 13-1918 EA 24" x 12" Triangle Aluminum Dormer Vents, 11/12 Slope .....	2,573.87	80.01
07 72 38 13-1919 EA 24" x 12" Triangle Aluminum Dormer Vents, 10/12 Slope .....	2,788.98	80.01
07 72 38 13-1920 EA 24" x 12" Triangle Aluminum Dormer Vents, 9/12 Slope .....	3,004.09	80.01
07 72 38 13-1921 EA 24" x 12" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,219.20	80.01
07 72 38 13-1922 EA 24" x 12" Triangle Aluminum Dormer Vents, 7/12 Slope .....	3,431.10	80.01
07 72 38 13-1923 EA 24" x 12" Triangle Aluminum Dormer Vents, 6/12 Slope .....	3,646.21	80.01
07 72 38 13-1924 EA 24" x 12" Triangle Aluminum Dormer Vents, 5/12 Slope .....	3,861.32	80.01
07 72 38 13-1925 EA 24" x 16" Triangle Aluminum Dormer Vents, 16/12 Slope .....	1,678.05	80.01
07 72 38 13-1926 EA 24" x 16" Triangle Aluminum Dormer Vents, 15/12 Slope .....	1,893.16	80.01
07 72 38 13-1927 EA 24" x 16" Triangle Aluminum Dormer Vents, 14/12 Slope .....	2,137.17	80.01
07 72 38 13-1928 EA 24" x 16" Triangle Aluminum Dormer Vents, 13/12 Slope .....	2,320.17	80.01
07 72 38 13-1929 EA 24" x 16" Triangle Aluminum Dormer Vents, 12/12 Slope .....	2,538.49	80.01
07 72 38 13-1930 EA 24" x 16" Triangle Aluminum Dormer Vents, 11/12 Slope .....	2,750.39	80.01
07 72 38 13-1931 EA 24" x 16" Triangle Aluminum Dormer Vents, 10/12 Slope .....	2,965.50	80.01
07 72 38 13-1932 EA 24" x 16" Triangle Aluminum Dormer Vents, 9/12 Slope .....	3,180.61	80.01
07 72 38 13-1933 EA 24" x 16" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,395.72	80.01
07 72 38 13-1934 EA 24" x 16" Triangle Aluminum Dormer Vents, 7/12 Slope .....	3,607.62	80.01
07 72 38 13-1935 EA 24" x 16" Triangle Aluminum Dormer Vents, 6/12 Slope .....	3,822.73	80.01
07 72 38 13-1936 EA 24" x 16" Triangle Aluminum Dormer Vents, 5/12 Slope .....	4,037.84	80.01
07 72 38 13-1937 EA 30" x 15" Triangle Aluminum Dormer Vents, 16/12 Slope .....	1,814.61	90.02
07 72 38 13-1938 EA 30" x 15" Triangle Aluminum Dormer Vents, 15/12 Slope .....	2,029.72	90.02
07 72 38 13-1939 EA 30" x 15" Triangle Aluminum Dormer Vents, 14/12 Slope .....	2,273.73	90.02
07 72 38 13-1940 EA 30" x 15" Triangle Aluminum Dormer Vents, 13/12 Slope .....	2,456.73	90.02
07 72 38 13-1941 EA 30" x 15" Triangle Aluminum Dormer Vents, 12/12 Slope .....	2,675.05	90.02
07 72 38 13-1942 EA 30" x 15" Triangle Aluminum Dormer Vents, 11/12 Slope .....	2,886.95	90.02
07 72 38 13-1943 EA 30" x 15" Triangle Aluminum Dormer Vents, 10/12 Slope .....	3,102.06	90.02
07 72 38 13-1944 EA 30" x 15" Triangle Aluminum Dormer Vents, 9/12 Slope .....	3,317.17	90.02
07 72 38 13-1945 EA 30" x 15" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,532.28	90.02
07 72 38 13-1946 EA 30" x 15" Triangle Aluminum Dormer Vents, 7/12 Slope .....	3,744.18	90.02
07 72 38 13-1947 EA 30" x 15" Triangle Aluminum Dormer Vents, 6/12 Slope .....	3,959.29	90.02
07 72 38 13-1948 EA 30" x 15" Triangle Aluminum Dormer Vents, 5/12 Slope .....	4,174.40	90.02
07 72 38 13-1949 EA 30" x 20" Triangle Aluminum Dormer Vents, 16/12 Slope .....	2,090.44	90.02
07 72 38 13-1950 EA 30" x 20" Triangle Aluminum Dormer Vents, 15/12 Slope .....	2,305.55	90.02
07 72 38 13-1951 EA 30" x 20" Triangle Aluminum Dormer Vents, 14/12 Slope .....	2,549.55	90.02
07 72 38 13-1952 EA 30" x 20" Triangle Aluminum Dormer Vents, 13/12 Slope .....	2,732.56	90.02
07 72 38 13-1953 EA 30" x 20" Triangle Aluminum Dormer Vents, 12/12 Slope .....	2,950.88	90.02
07 72 38 13-1954 EA 30" x 20" Triangle Aluminum Dormer Vents, 11/12 Slope .....	3,162.78	90.02
07 72 38 13-1955 EA 30" x 20" Triangle Aluminum Dormer Vents, 10/12 Slope .....	3,377.89	90.02
07 72 38 13-1956 EA 30" x 20" Triangle Aluminum Dormer Vents, 9/12 Slope .....	3,593.00	90.02
07 72 38 13-1957 EA 30" x 20" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,808.11	90.02
07 72 38 13-1958 EA 30" x 20" Triangle Aluminum Dormer Vents, 7/12 Slope .....	4,020.01	90.02
07 72 38 13-1959 EA 30" x 20" Triangle Aluminum Dormer Vents, 6/12 Slope .....	4,235.12	90.02
07 72 38 13-1960 EA 30" x 20" Triangle Aluminum Dormer Vents, 5/12 Slope .....	4,450.23	90.02
07 72 38 13-1961 EA 36" x 18" Triangle Aluminum Dormer Vents, 16/12 Slope .....	2,197.33	102.33
07 72 38 13-1962 EA 36" x 18" Triangle Aluminum Dormer Vents, 15/12 Slope .....	2,412.44	102.33
07 72 38 13-1963 EA 36" x 18" Triangle Aluminum Dormer Vents, 14/12 Slope .....	2,656.45	102.33
07 72 38 13-1964 EA 36" x 18" Triangle Aluminum Dormer Vents, 13/12 Slope .....	2,839.45	102.33
07 72 38 13-1965 EA 36" x 18" Triangle Aluminum Dormer Vents, 12/12 Slope .....	3,057.78	102.33
07 72 38 13-1966 EA 36" x 18" Triangle Aluminum Dormer Vents, 11/12 Slope .....	3,269.68	102.33
07 72 38 13-1967 EA 36" x 18" Triangle Aluminum Dormer Vents, 10/12 Slope .....	3,484.79	102.33
07 72 38 13-1968 EA 36" x 18" Triangle Aluminum Dormer Vents, 9/12 Slope .....	3,699.90	102.33
07 72 38 13-1969 EA 36" x 18" Triangle Aluminum Dormer Vents, 8/12 Slope .....	3,915.01	102.33
07 72 38 13-1970 EA 36" x 18" Triangle Aluminum Dormer Vents, 7/12 Slope .....	4,126.91	102.33
07 72 38 13-1971 EA 36" x 18" Triangle Aluminum Dormer Vents, 6/12 Slope .....	4,342.02	102.33
07 72 38 13-1972 EA 36" x 18" Triangle Aluminum Dormer Vents, 5/12 Slope .....	4,557.13	102.33
07 72 38 13-1973 EA 36" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope .....	2,594.55	102.33
07 72 38 13-1974 EA 36" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope .....	2,809.66	102.33
07 72 38 13-1975 EA 36" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope .....	3,053.67	102.33
07 72 38 13-1976 EA 36" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope .....	3,236.67	102.33
07 72 38 13-1977 EA 36" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope .....	3,454.99	102.33
07 72 38 13-1978 EA 36" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope .....	3,666.89	102.33





MINOR TOTAL DIRECT DEMOLITION  
 CSI UOM DESCRIPTION UNIT COST UNIT COST

07 72 38 13-1979	EA	36" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope.....	3,882.00	102.33
07 72 38 13-1980	EA	36" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope.....	4,097.11	102.33
07 72 38 13-1981	EA	36" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope.....	4,312.22	102.33
07 72 38 13-1982	EA	36" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope.....	4,524.12	102.33
07 72 38 13-1983	EA	36" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope.....	4,739.23	102.33
07 72 38 13-1984	EA	36" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope.....	4,954.34	102.33
07 72 38 13-1985	EA	42" x 21" Triangle Aluminum Dormer Vents, 16/12 Slope.....	2,645.14	113.87
07 72 38 13-1986	EA	42" x 21" Triangle Aluminum Dormer Vents, 15/12 Slope.....	2,860.25	113.87
07 72 38 13-1987	EA	42" x 21" Triangle Aluminum Dormer Vents, 14/12 Slope.....	3,104.26	113.87
07 72 38 13-1988	EA	42" x 21" Triangle Aluminum Dormer Vents, 13/12 Slope.....	3,287.26	113.87
07 72 38 13-1989	EA	42" x 21" Triangle Aluminum Dormer Vents, 12/12 Slope.....	3,505.58	113.87
07 72 38 13-1990	EA	42" x 21" Triangle Aluminum Dormer Vents, 11/12 Slope.....	3,717.48	113.87
07 72 38 13-1991	EA	42" x 21" Triangle Aluminum Dormer Vents, 10/12 Slope.....	3,932.59	113.87
07 72 38 13-1992	EA	42" x 21" Triangle Aluminum Dormer Vents, 9/12 Slope.....	4,147.70	113.87
07 72 38 13-1993	EA	42" x 21" Triangle Aluminum Dormer Vents, 8/12 Slope.....	4,362.81	113.87
07 72 38 13-1994	EA	42" x 21" Triangle Aluminum Dormer Vents, 7/12 Slope.....	4,574.71	113.87
07 72 38 13-1995	EA	42" x 21" Triangle Aluminum Dormer Vents, 6/12 Slope.....	4,789.82	113.87
07 72 38 13-1996	EA	42" x 21" Triangle Aluminum Dormer Vents, 5/12 Slope.....	5,004.93	113.87
07 72 38 13-1997	EA	42" x 28" Triangle Aluminum Dormer Vents, 16/12 Slope.....	3,185.81	113.87
07 72 38 13-1998	EA	42" x 28" Triangle Aluminum Dormer Vents, 15/12 Slope.....	3,400.92	113.87
07 72 38 13-1999	EA	42" x 28" Triangle Aluminum Dormer Vents, 14/12 Slope.....	3,644.92	113.87
07 72 38 13-2000	EA	42" x 28" Triangle Aluminum Dormer Vents, 13/12 Slope.....	3,827.93	113.87
07 72 38 13-2001	EA	42" x 28" Triangle Aluminum Dormer Vents, 12/12 Slope.....	4,046.25	113.87
07 72 38 13-2002	EA	42" x 28" Triangle Aluminum Dormer Vents, 11/12 Slope.....	4,258.15	113.87
07 72 38 13-2003	EA	42" x 28" Triangle Aluminum Dormer Vents, 10/12 Slope.....	4,473.26	113.87
07 72 38 13-2004	EA	42" x 28" Triangle Aluminum Dormer Vents, 9/12 Slope.....	4,688.37	113.87
07 72 38 13-2005	EA	42" x 28" Triangle Aluminum Dormer Vents, 8/12 Slope.....	4,903.48	113.87
07 72 38 13-2006	EA	42" x 28" Triangle Aluminum Dormer Vents, 7/12 Slope.....	5,115.38	113.87
07 72 38 13-2007	EA	42" x 28" Triangle Aluminum Dormer Vents, 6/12 Slope.....	5,330.49	113.87
07 72 38 13-2008	EA	42" x 28" Triangle Aluminum Dormer Vents, 5/12 Slope.....	5,545.60	113.87
07 72 38 13-2009	EA	48" x 24" Triangle Aluminum Dormer Vents, 16/12 Slope.....	3,141.66	123.87
07 72 38 13-2010	EA	48" x 24" Triangle Aluminum Dormer Vents, 15/12 Slope.....	3,371.93	123.87
07 72 38 13-2011	EA	48" x 24" Triangle Aluminum Dormer Vents, 14/12 Slope.....	3,615.94	123.87
07 72 38 13-2012	EA	48" x 24" Triangle Aluminum Dormer Vents, 13/12 Slope.....	3,798.94	123.87
07 72 38 13-2013	EA	48" x 24" Triangle Aluminum Dormer Vents, 12/12 Slope.....	4,017.26	123.87
07 72 38 13-2014	EA	48" x 24" Triangle Aluminum Dormer Vents, 11/12 Slope.....	4,229.16	123.87
07 72 38 13-2015	EA	48" x 24" Triangle Aluminum Dormer Vents, 10/12 Slope.....	4,444.27	123.87
07 72 38 13-2016	EA	48" x 24" Triangle Aluminum Dormer Vents, 9/12 Slope.....	4,659.38	123.87
07 72 38 13-2017	EA	48" x 24" Triangle Aluminum Dormer Vents, 8/12 Slope.....	4,874.49	123.87
07 72 38 13-2018	EA	48" x 24" Triangle Aluminum Dormer Vents, 7/12 Slope.....	5,086.39	123.87
07 72 38 13-2019	EA	48" x 24" Triangle Aluminum Dormer Vents, 6/12 Slope.....	5,301.50	123.87
07 72 38 13-2020	EA	48" x 24" Triangle Aluminum Dormer Vents, 5/12 Slope.....	5,516.61	123.87
07 72 38 13-2021	EA	48" x 32" Triangle Aluminum Dormer Vents, 16/12 Slope.....	3,847.80	113.87
07 72 38 13-2022	EA	48" x 32" Triangle Aluminum Dormer Vents, 15/12 Slope.....	4,078.07	123.87
07 72 38 13-2023	EA	48" x 32" Triangle Aluminum Dormer Vents, 14/12 Slope.....	4,322.08	123.87
07 72 38 13-2024	EA	48" x 32" Triangle Aluminum Dormer Vents, 13/12 Slope.....	4,505.08	123.87
07 72 38 13-2025	EA	48" x 32" Triangle Aluminum Dormer Vents, 12/12 Slope.....	4,723.40	123.87
07 72 38 13-2026	EA	48" x 32" Triangle Aluminum Dormer Vents, 11/12 Slope.....	4,935.30	123.87
07 72 38 13-2027	EA	48" x 32" Triangle Aluminum Dormer Vents, 10/12 Slope.....	5,150.41	123.87
07 72 38 13-2028	EA	48" x 32" Triangle Aluminum Dormer Vents, 9/12 Slope.....	5,365.52	123.87
07 72 38 13-2029	EA	48" x 32" Triangle Aluminum Dormer Vents, 8/12 Slope.....	5,580.63	123.87
07 72 38 13-2030	EA	48" x 32" Triangle Aluminum Dormer Vents, 7/12 Slope.....	5,792.53	123.87
07 72 38 13-2031	EA	48" x 32" Triangle Aluminum Dormer Vents, 6/12 Slope.....	6,007.64	123.87
07 72 38 13-2032	EA	48" x 32" Triangle Aluminum Dormer Vents, 5/12 Slope.....	6,222.75	123.87

**07 72 38 13-2033 Rectangle Aluminum Roof Dormer Vent (07 72 38 13-1814)**

07 72 38 13-2034	EA	12" x 18" Rectangle Aluminum Dormer Vents, 16/12 Slope.....	1,365.56	66.93
07 72 38 13-2035	EA	12" x 18" Rectangle Aluminum Dormer Vents, 15/12 Slope.....	1,496.91	66.93
07 72 38 13-2036	EA	12" x 18" Rectangle Aluminum Dormer Vents, 14/12 Slope.....	1,628.25	66.93
07 72 38 13-2037	EA	12" x 18" Rectangle Aluminum Dormer Vents, 13/12 Slope.....	1,759.60	66.93
07 72 38 13-2038	EA	12" x 18" Rectangle Aluminum Dormer Vents, 12/12 Slope.....	1,890.94	66.93
07 72 38 13-2039	EA	12" x 18" Rectangle Aluminum Dormer Vents, 11/12 Slope.....	2,022.29	66.93
07 72 38 13-2040	EA	12" x 18" Rectangle Aluminum Dormer Vents, 10/12 Slope.....	2,153.64	66.93
07 72 38 13-2041	EA	12" x 18" Rectangle Aluminum Dormer Vents, 9/12 Slope.....	2,284.98	66.93
07 72 38 13-2042	EA	12" x 18" Rectangle Aluminum Dormer Vents, 8/12 Slope.....	2,416.33	66.93
07 72 38 13-2043	EA	12" x 18" Rectangle Aluminum Dormer Vents, 7/12 Slope.....	2,547.67	66.93
07 72 38 13-2044	EA	12" x 18" Rectangle Aluminum Dormer Vents, 6/12 Slope.....	2,679.02	66.93
07 72 38 13-2045	EA	12" x 18" Rectangle Aluminum Dormer Vents, 5/12 Slope.....	2,810.36	66.93
07 72 38 13-2046	EA	15" x 21" Rectangle Aluminum Dormer Vents, 16/12 Slope.....	1,633.29	80.01
07 72 38 13-2047	EA	15" x 21" Rectangle Aluminum Dormer Vents, 15/12 Slope.....	1,764.64	80.01
07 72 38 13-2048	EA	15" x 21" Rectangle Aluminum Dormer Vents, 14/12 Slope.....	1,895.99	80.01
07 72 38 13-2049	EA	15" x 21" Rectangle Aluminum Dormer Vents, 13/12 Slope.....	2,027.33	80.01
07 72 38 13-2050	EA	15" x 21" Rectangle Aluminum Dormer Vents, 12/12 Slope.....	2,158.68	80.01
07 72 38 13-2051	EA	15" x 21" Rectangle Aluminum Dormer Vents, 11/12 Slope.....	2,290.02	80.01
07 72 38 13-2052	EA	15" x 21" Rectangle Aluminum Dormer Vents, 10/12 Slope.....	2,421.37	80.01
07 72 38 13-2053	EA	15" x 21" Rectangle Aluminum Dormer Vents, 9/12 Slope.....	2,552.71	80.01
07 72 38 13-2054	EA	15" x 21" Rectangle Aluminum Dormer Vents, 8/12 Slope.....	2,684.06	80.01
07 72 38 13-2055	EA	15" x 21" Rectangle Aluminum Dormer Vents, 7/12 Slope.....	2,815.41	80.01
07 72 38 13-2056	EA	15" x 21" Rectangle Aluminum Dormer Vents, 6/12 Slope.....	2,946.75	80.01
07 72 38 13-2057	EA	15" x 21" Rectangle Aluminum Dormer Vents, 5/12 Slope.....	3,078.10	80.01



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2058	EA		18" x 27" Rectangle Aluminum Dormer Vents, 16/12 Slope .....	2,076.69	90.02
07 72 38 13-2059	EA		18" x 27" Rectangle Aluminum Dormer Vents, 15/12 Slope .....	2,208.04	90.02
07 72 38 13-2060	EA		18" x 27" Rectangle Aluminum Dormer Vents, 14/12 Slope .....	2,339.39	90.02
07 72 38 13-2061	EA		18" x 27" Rectangle Aluminum Dormer Vents, 13/12 Slope .....	2,470.73	90.02
07 72 38 13-2062	EA		18" x 27" Rectangle Aluminum Dormer Vents, 12/12 Slope .....	2,602.08	90.02
07 72 38 13-2063	EA		18" x 27" Rectangle Aluminum Dormer Vents, 11/12 Slope .....	2,733.42	90.02
07 72 38 13-2064	EA		18" x 27" Rectangle Aluminum Dormer Vents, 10/12 Slope .....	2,864.77	90.02
07 72 38 13-2065	EA		18" x 27" Rectangle Aluminum Dormer Vents, 9/12 Slope .....	2,996.11	90.02
07 72 38 13-2066	EA		18" x 27" Rectangle Aluminum Dormer Vents, 8/12 Slope .....	3,127.46	90.02
07 72 38 13-2067	EA		18" x 27" Rectangle Aluminum Dormer Vents, 7/12 Slope .....	3,258.80	90.02
07 72 38 13-2068	EA		18" x 27" Rectangle Aluminum Dormer Vents, 6/12 Slope .....	3,390.15	90.02
07 72 38 13-2069	EA		18" x 27" Rectangle Aluminum Dormer Vents, 5/12 Slope .....	3,521.50	90.02
07 72 38 13-2070	EA		24" x 36" Rectangle Aluminum Dormer Vents, 16/12 Slope .....	3,041.95	102.33
07 72 38 13-2071	EA		24" x 36" Rectangle Aluminum Dormer Vents, 15/12 Slope .....	3,173.29	102.33
07 72 38 13-2072	EA		24" x 36" Rectangle Aluminum Dormer Vents, 14/12 Slope .....	3,304.64	102.33
07 72 38 13-2073	EA		24" x 36" Rectangle Aluminum Dormer Vents, 13/12 Slope .....	3,435.98	102.33
07 72 38 13-2074	EA		24" x 36" Rectangle Aluminum Dormer Vents, 12/12 Slope .....	3,567.33	102.33
07 72 38 13-2075	EA		24" x 36" Rectangle Aluminum Dormer Vents, 11/12 Slope .....	3,698.68	102.33
07 72 38 13-2076	EA		24" x 36" Rectangle Aluminum Dormer Vents, 10/12 Slope .....	3,830.02	102.33
07 72 38 13-2077	EA		24" x 36" Rectangle Aluminum Dormer Vents, 9/12 Slope .....	3,961.37	102.33
07 72 38 13-2078	EA		24" x 36" Rectangle Aluminum Dormer Vents, 8/12 Slope .....	4,092.71	102.33
07 72 38 13-2079	EA		24" x 36" Rectangle Aluminum Dormer Vents, 7/12 Slope .....	4,224.06	102.33
07 72 38 13-2080	EA		24" x 36" Rectangle Aluminum Dormer Vents, 6/12 Slope .....	4,355.40	102.33
07 72 38 13-2081	EA		24" x 36" Rectangle Aluminum Dormer Vents, 5/12 Slope .....	4,486.75	102.33
07 72 38 13-2082	EA		30" x 42" Rectangle Aluminum Dormer Vents, 16/12 Slope .....	4,051.13	113.87
07 72 38 13-2083	EA		30" x 42" Rectangle Aluminum Dormer Vents, 15/12 Slope .....	4,182.47	113.87
07 72 38 13-2084	EA		30" x 42" Rectangle Aluminum Dormer Vents, 14/12 Slope .....	4,313.82	113.87
07 72 38 13-2085	EA		30" x 42" Rectangle Aluminum Dormer Vents, 13/12 Slope .....	4,445.16	113.87
07 72 38 13-2086	EA		30" x 42" Rectangle Aluminum Dormer Vents, 12/12 Slope .....	4,576.51	113.87
07 72 38 13-2087	EA		30" x 42" Rectangle Aluminum Dormer Vents, 11/12 Slope .....	4,707.86	113.87
07 72 38 13-2088	EA		30" x 42" Rectangle Aluminum Dormer Vents, 10/12 Slope .....	4,839.20	113.87
07 72 38 13-2089	EA		30" x 42" Rectangle Aluminum Dormer Vents, 9/12 Slope .....	4,970.55	113.87
07 72 38 13-2090	EA		30" x 42" Rectangle Aluminum Dormer Vents, 8/12 Slope .....	5,101.89	113.87
07 72 38 13-2091	EA		30" x 42" Rectangle Aluminum Dormer Vents, 7/12 Slope .....	5,233.24	113.87
07 72 38 13-2092	EA		30" x 42" Rectangle Aluminum Dormer Vents, 6/12 Slope .....	5,364.58	113.87
07 72 38 13-2093	EA		30" x 42" Rectangle Aluminum Dormer Vents, 5/12 Slope .....	5,495.93	113.87
07 72 38 13-2094	EA		36" x 48" Rectangle Aluminum Dormer Vents, 16/12 Slope .....	5,223.12	113.87
07 72 38 13-2095	EA		36" x 48" Rectangle Aluminum Dormer Vents, 15/12 Slope .....	5,369.63	123.87
07 72 38 13-2096	EA		36" x 48" Rectangle Aluminum Dormer Vents, 14/12 Slope .....	5,500.98	123.87
07 72 38 13-2097	EA		36" x 48" Rectangle Aluminum Dormer Vents, 13/12 Slope .....	5,632.32	123.87
07 72 38 13-2098	EA		36" x 48" Rectangle Aluminum Dormer Vents, 12/12 Slope .....	5,763.67	123.87
07 72 38 13-2099	EA		36" x 48" Rectangle Aluminum Dormer Vents, 11/12 Slope .....	5,895.01	123.87
07 72 38 13-2100	EA		36" x 48" Rectangle Aluminum Dormer Vents, 10/12 Slope .....	6,026.36	123.87
07 72 38 13-2101	EA		36" x 48" Rectangle Aluminum Dormer Vents, 9/12 Slope .....	6,157.70	123.87
07 72 38 13-2102	EA		36" x 48" Rectangle Aluminum Dormer Vents, 8/12 Slope .....	6,289.05	123.87
07 72 38 13-2103	EA		36" x 48" Rectangle Aluminum Dormer Vents, 7/12 Slope .....	6,420.40	123.87
07 72 38 13-2104	EA		36" x 48" Rectangle Aluminum Dormer Vents, 6/12 Slope .....	6,551.74	123.87
07 72 38 13-2105	EA		36" x 48" Rectangle Aluminum Dormer Vents, 5/12 Slope .....	6,683.09	123.87
<b>07 72 38 13-2106 Tombstone Aluminum Roof Dormer Vent (07 72 38 13-1814)</b>					
07 72 38 13-2107	EA		12" x 18" Tombstone Aluminum Dormer Vents, 16/12 Slope .....	1,439.21	66.93
07 72 38 13-2108	EA		12" x 18" Tombstone Aluminum Dormer Vents, 15/12 Slope .....	1,654.32	66.93
07 72 38 13-2109	EA		12" x 18" Tombstone Aluminum Dormer Vents, 14/12 Slope .....	1,898.33	66.93
07 72 38 13-2110	EA		12" x 18" Tombstone Aluminum Dormer Vents, 13/12 Slope .....	2,081.33	66.93
07 72 38 13-2111	EA		12" x 18" Tombstone Aluminum Dormer Vents, 12/12 Slope .....	2,299.65	66.93
07 72 38 13-2112	EA		12" x 18" Tombstone Aluminum Dormer Vents, 11/12 Slope .....	2,511.55	66.93
07 72 38 13-2113	EA		12" x 18" Tombstone Aluminum Dormer Vents, 10/12 Slope .....	2,726.66	66.93
07 72 38 13-2114	EA		12" x 18" Tombstone Aluminum Dormer Vents, 9/12 Slope .....	2,941.77	66.93
07 72 38 13-2115	EA		12" x 18" Tombstone Aluminum Dormer Vents, 8/12 Slope .....	3,156.88	66.93
07 72 38 13-2116	EA		12" x 18" Tombstone Aluminum Dormer Vents, 7/12 Slope .....	3,368.78	66.93
07 72 38 13-2117	EA		12" x 18" Tombstone Aluminum Dormer Vents, 6/12 Slope .....	3,583.89	66.93
07 72 38 13-2118	EA		12" x 18" Tombstone Aluminum Dormer Vents, 5/12 Slope .....	3,799.00	66.93
07 72 38 13-2119	EA		15" x 21" Tombstone Aluminum Dormer Vents, 16/12 Slope .....	1,659.27	80.01
07 72 38 13-2120	EA		15" x 21" Tombstone Aluminum Dormer Vents, 15/12 Slope .....	1,874.38	80.01
07 72 38 13-2121	EA		15" x 21" Tombstone Aluminum Dormer Vents, 14/12 Slope .....	2,118.38	80.01
07 72 38 13-2122	EA		15" x 21" Tombstone Aluminum Dormer Vents, 13/12 Slope .....	2,301.39	80.01
07 72 38 13-2123	EA		15" x 21" Tombstone Aluminum Dormer Vents, 12/12 Slope .....	2,519.71	80.01
07 72 38 13-2124	EA		15" x 21" Tombstone Aluminum Dormer Vents, 11/12 Slope .....	2,731.61	80.01
07 72 38 13-2125	EA		15" x 21" Tombstone Aluminum Dormer Vents, 10/12 Slope .....	2,946.72	80.01
07 72 38 13-2126	EA		15" x 21" Tombstone Aluminum Dormer Vents, 9/12 Slope .....	3,161.83	80.01
07 72 38 13-2127	EA		15" x 21" Tombstone Aluminum Dormer Vents, 8/12 Slope .....	3,376.94	80.01
07 72 38 13-2128	EA		15" x 21" Tombstone Aluminum Dormer Vents, 7/12 Slope .....	3,588.84	80.01
07 72 38 13-2129	EA		15" x 21" Tombstone Aluminum Dormer Vents, 6/12 Slope .....	3,803.95	80.01
07 72 38 13-2130	EA		15" x 21" Tombstone Aluminum Dormer Vents, 5/12 Slope .....	4,019.06	80.01
07 72 38 13-2131	EA		18" x 27" Tombstone Aluminum Dormer Vents, 16/12 Slope .....	2,020.32	90.02
07 72 38 13-2132	EA		18" x 27" Tombstone Aluminum Dormer Vents, 15/12 Slope .....	2,235.43	90.02
07 72 38 13-2133	EA		18" x 27" Tombstone Aluminum Dormer Vents, 14/12 Slope .....	2,479.43	90.02
07 72 38 13-2134	EA		18" x 27" Tombstone Aluminum Dormer Vents, 13/12 Slope .....	2,662.44	90.02
07 72 38 13-2135	EA		18" x 27" Tombstone Aluminum Dormer Vents, 12/12 Slope .....	2,880.76	90.02
07 72 38 13-2136	EA		18" x 27" Tombstone Aluminum Dormer Vents, 11/12 Slope .....	3,092.66	90.02



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 72 38 13-2137	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 10/12 Slope.....	3,307.77	90.02
07 72 38 13-2138	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 9/12 Slope.....	3,522.88	90.02
07 72 38 13-2139	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 8/12 Slope.....	3,737.99	90.02
07 72 38 13-2140	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 7/12 Slope.....	3,949.89	90.02
07 72 38 13-2141	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 6/12 Slope.....	4,165.00	90.02
07 72 38 13-2142	EA	18" x 27"	Tombstone Aluminum Dormer Vents, 5/12 Slope.....	4,380.11	90.02
07 72 38 13-2143	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 16/12 Slope.....	2,803.53	102.33
07 72 38 13-2144	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 15/12 Slope.....	3,018.64	102.33
07 72 38 13-2145	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 14/12 Slope.....	3,262.64	102.33
07 72 38 13-2146	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 13/12 Slope.....	3,445.65	102.33
07 72 38 13-2147	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 12/12 Slope.....	3,663.97	102.33
07 72 38 13-2148	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 11/12 Slope.....	3,875.87	102.33
07 72 38 13-2149	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 10/12 Slope.....	4,090.98	102.33
07 72 38 13-2150	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 9/12 Slope.....	4,306.09	102.33
07 72 38 13-2151	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 8/12 Slope.....	4,521.20	102.33
07 72 38 13-2152	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 7/12 Slope.....	4,733.10	102.33
07 72 38 13-2153	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 6/12 Slope.....	4,948.21	102.33
07 72 38 13-2154	EA	24" x 36"	Tombstone Aluminum Dormer Vents, 5/12 Slope.....	5,163.32	102.33
07 72 38 13-2155	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 16/12 Slope.....	3,622.00	113.87
07 72 38 13-2156	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 15/12 Slope.....	3,837.11	113.87
07 72 38 13-2157	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 14/12 Slope.....	4,081.11	113.87
07 72 38 13-2158	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 13/12 Slope.....	4,264.12	113.87
07 72 38 13-2159	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 12/12 Slope.....	4,482.44	113.87
07 72 38 13-2160	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 11/12 Slope.....	4,694.34	113.87
07 72 38 13-2161	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 10/12 Slope.....	4,909.45	113.87
07 72 38 13-2162	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 9/12 Slope.....	5,124.56	113.87
07 72 38 13-2163	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 8/12 Slope.....	5,339.67	113.87
07 72 38 13-2164	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 7/12 Slope.....	5,551.57	113.87
07 72 38 13-2165	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 6/12 Slope.....	5,766.68	113.87
07 72 38 13-2166	EA	30" x 42"	Tombstone Aluminum Dormer Vents, 5/12 Slope.....	5,981.79	113.87
07 72 38 13-2167	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 16/12 Slope.....	4,568.61	113.87
07 72 38 13-2168	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 15/12 Slope.....	4,798.88	123.87
07 72 38 13-2169	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 14/12 Slope.....	5,042.89	123.87
07 72 38 13-2170	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 13/12 Slope.....	5,225.89	123.87
07 72 38 13-2171	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 12/12 Slope.....	5,444.21	123.87
07 72 38 13-2172	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 11/12 Slope.....	5,656.11	123.87
07 72 38 13-2173	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 10/12 Slope.....	5,871.22	123.87
07 72 38 13-2174	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 9/12 Slope.....	6,086.33	123.87
07 72 38 13-2175	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 8/12 Slope.....	6,301.44	123.87
07 72 38 13-2176	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 7/12 Slope.....	6,513.34	123.87
07 72 38 13-2177	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 6/12 Slope.....	6,728.45	123.87
07 72 38 13-2178	EA	36" x 48"	Tombstone Aluminum Dormer Vents, 5/12 Slope.....	6,943.56	123.87

**07 72 38 13-2179**      **Arched Top Aluminum Roof Dormer Vent** (07 72 38 13-1814)

07 72 38 13-2180	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 16/12 Slope.....	1,371.63	66.93
07 72 38 13-2181	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 15/12 Slope.....	1,568.63	66.93
07 72 38 13-2182	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 14/12 Slope.....	1,765.63	66.93
07 72 38 13-2183	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 13/12 Slope.....	1,962.64	66.93
07 72 38 13-2184	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 12/12 Slope.....	2,159.64	66.93
07 72 38 13-2185	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 11/12 Slope.....	2,356.64	66.93
07 72 38 13-2186	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 10/12 Slope.....	2,553.64	66.93
07 72 38 13-2187	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 9/12 Slope.....	2,750.65	66.93
07 72 38 13-2188	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 8/12 Slope.....	2,947.65	66.93
07 72 38 13-2189	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 7/12 Slope.....	3,144.65	66.93
07 72 38 13-2190	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 6/12 Slope.....	3,341.65	66.93
07 72 38 13-2191	EA	12" x 15"	Arched Top Aluminum Dormer Vents, 5/12 Slope.....	3,538.66	66.93
07 72 38 13-2192	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 16/12 Slope.....	1,602.73	80.01
07 72 38 13-2193	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 15/12 Slope.....	1,799.73	80.01
07 72 38 13-2194	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 14/12 Slope.....	1,996.73	80.01
07 72 38 13-2195	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 13/12 Slope.....	2,193.74	80.01
07 72 38 13-2196	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 12/12 Slope.....	2,390.74	80.01
07 72 38 13-2197	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 11/12 Slope.....	2,587.74	80.01
07 72 38 13-2198	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 10/12 Slope.....	2,784.74	80.01
07 72 38 13-2199	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 9/12 Slope.....	2,981.75	80.01
07 72 38 13-2200	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 8/12 Slope.....	3,178.75	80.01
07 72 38 13-2201	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 7/12 Slope.....	3,375.75	80.01
07 72 38 13-2202	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 6/12 Slope.....	3,572.75	80.01
07 72 38 13-2203	EA	15" x 18.75"	Arched Top Aluminum Dormer Vents, 5/12 Slope.....	3,769.76	80.01
07 72 38 13-2204	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 16/12 Slope.....	1,876.16	90.02
07 72 38 13-2205	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 15/12 Slope.....	2,073.16	90.02
07 72 38 13-2206	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 14/12 Slope.....	2,270.16	90.02
07 72 38 13-2207	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 13/12 Slope.....	2,467.17	90.02
07 72 38 13-2208	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 12/12 Slope.....	2,664.17	90.02
07 72 38 13-2209	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 11/12 Slope.....	2,861.17	90.02
07 72 38 13-2210	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 10/12 Slope.....	3,058.17	90.02
07 72 38 13-2211	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 9/12 Slope.....	1,800.12	89.76
07 72 38 13-2212	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 8/12 Slope.....	1,905.21	89.76
07 72 38 13-2213	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 7/12 Slope.....	2,010.30	89.76
07 72 38 13-2214	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 6/12 Slope.....	2,115.39	89.76
07 72 38 13-2215	EA	18" x 22.5"	Arched Top Aluminum Dormer Vents, 5/12 Slope.....	2,220.48	89.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 38 13-2216 EA 24" x 30" Arched Top Aluminum Dormer Vents, 16/12 Slope.....	1,433.79	102.59
07 72 38 13-2217 EA 24" x 30" Arched Top Aluminum Dormer Vents, 15/12 Slope.....	1,538.88	102.59
07 72 38 13-2218 EA 24" x 30" Arched Top Aluminum Dormer Vents, 14/12 Slope.....	1,643.98	102.59
07 72 38 13-2219 EA 24" x 30" Arched Top Aluminum Dormer Vents, 13/12 Slope.....	1,749.07	102.59
07 72 38 13-2220 EA 24" x 30" Arched Top Aluminum Dormer Vents, 12/12 Slope.....	1,854.16	102.59
07 72 38 13-2221 EA 24" x 30" Arched Top Aluminum Dormer Vents, 11/12 Slope.....	1,959.25	102.59
07 72 38 13-2222 EA 24" x 30" Arched Top Aluminum Dormer Vents, 10/12 Slope.....	2,064.34	102.59
07 72 38 13-2223 EA 24" x 30" Arched Top Aluminum Dormer Vents, 9/12 Slope.....	2,169.43	102.59
07 72 38 13-2224 EA 24" x 30" Arched Top Aluminum Dormer Vents, 8/12 Slope.....	2,274.52	102.59
07 72 38 13-2225 EA 24" x 30" Arched Top Aluminum Dormer Vents, 7/12 Slope.....	2,379.61	102.59
07 72 38 13-2226 EA 24" x 30" Arched Top Aluminum Dormer Vents, 6/12 Slope.....	2,484.71	102.59
07 72 38 13-2227 EA 24" x 30" Arched Top Aluminum Dormer Vents, 5/12 Slope.....	2,589.80	102.59
07 72 38 13-2228 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 16/12 Slope.....	1,902.15	114.25
07 72 38 13-2229 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 15/12 Slope.....	2,007.24	114.25
07 72 38 13-2230 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 14/12 Slope.....	2,112.33	114.25
07 72 38 13-2231 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 13/12 Slope.....	2,217.43	114.25
07 72 38 13-2232 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 12/12 Slope.....	2,322.52	114.25
07 72 38 13-2233 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 11/12 Slope.....	2,427.61	114.25
07 72 38 13-2234 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 10/12 Slope.....	2,532.70	114.25
07 72 38 13-2235 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 9/12 Slope.....	2,637.79	114.25
07 72 38 13-2236 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 8/12 Slope.....	2,742.88	114.25
07 72 38 13-2237 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 7/12 Slope.....	2,847.97	114.25
07 72 38 13-2238 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 6/12 Slope.....	2,953.06	114.25
07 72 38 13-2239 EA 30" x 37.5" Arched Top Aluminum Dormer Vents, 5/12 Slope.....	3,058.16	114.25
07 72 38 13-2240 EA 36" x 45" Arched Top Aluminum Dormer Vents, 16/12 Slope.....	2,453.21	114.25
07 72 38 13-2241 EA 36" x 45" Arched Top Aluminum Dormer Vents, 15/12 Slope.....	2,573.46	123.57
07 72 38 13-2242 EA 36" x 45" Arched Top Aluminum Dormer Vents, 14/12 Slope.....	2,678.56	123.57
07 72 38 13-2243 EA 36" x 45" Arched Top Aluminum Dormer Vents, 13/12 Slope.....	2,783.65	123.57
07 72 38 13-2244 EA 36" x 45" Arched Top Aluminum Dormer Vents, 12/12 Slope.....	2,888.74	123.57
07 72 38 13-2245 EA 36" x 45" Arched Top Aluminum Dormer Vents, 11/12 Slope.....	2,993.83	123.57
07 72 38 13-2246 EA 36" x 45" Arched Top Aluminum Dormer Vents, 10/12 Slope.....	3,098.92	123.57
07 72 38 13-2247 EA 36" x 45" Arched Top Aluminum Dormer Vents, 9/12 Slope.....	3,204.01	123.57
07 72 38 13-2248 EA 36" x 45" Arched Top Aluminum Dormer Vents, 8/12 Slope.....	3,309.10	123.57
07 72 38 13-2249 EA 36" x 45" Arched Top Aluminum Dormer Vents, 7/12 Slope.....	3,414.19	123.57
07 72 38 13-2250 EA 36" x 45" Arched Top Aluminum Dormer Vents, 6/12 Slope.....	3,519.29	123.57
07 72 38 13-2251 EA 36" x 45" Arched Top Aluminum Dormer Vents, 5/12 Slope.....	3,624.38	123.57

**07 72 38 13-2252 Hipped Roof Aluminum Roof Dormer Vent (07 72 38 13-1814)**

07 72 38 13-2253 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	603.12	66.93
07 72 38 13-2254 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	692.64	66.93
07 72 38 13-2255 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	782.17	66.93
07 72 38 13-2256 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	871.69	66.93
07 72 38 13-2257 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	961.21	66.93
07 72 38 13-2258 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	1,050.74	66.93
07 72 38 13-2259 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	1,140.26	66.93
07 72 38 13-2260 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	1,229.78	66.93
07 72 38 13-2261 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	1,319.30	66.93
07 72 38 13-2262 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	1,408.83	66.93
07 72 38 13-2263 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	1,498.35	66.93
07 72 38 13-2264 EA 12" x 18" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	1,587.87	66.93
07 72 38 13-2265 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	721.27	80.01
07 72 38 13-2266 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	810.80	80.01
07 72 38 13-2267 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	900.32	80.01
07 72 38 13-2268 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	989.84	80.01
07 72 38 13-2269 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	1,079.37	80.01
07 72 38 13-2270 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	1,168.89	80.01
07 72 38 13-2271 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	1,258.41	80.01
07 72 38 13-2272 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	1,347.93	80.01
07 72 38 13-2273 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	1,437.46	80.01
07 72 38 13-2274 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	1,526.98	80.01
07 72 38 13-2275 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	1,616.50	80.01
07 72 38 13-2276 EA 15" x 21" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	1,706.03	80.01
07 72 38 13-2277 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	906.31	90.02
07 72 38 13-2278 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	995.83	90.02
07 72 38 13-2279 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	1,085.36	90.02
07 72 38 13-2280 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	1,174.88	90.02
07 72 38 13-2281 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	1,264.40	90.02
07 72 38 13-2282 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	1,353.92	90.02
07 72 38 13-2283 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	1,443.45	90.02
07 72 38 13-2284 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	1,532.97	90.02
07 72 38 13-2285 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	1,622.49	90.02
07 72 38 13-2286 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	1,712.02	90.02
07 72 38 13-2287 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	1,801.54	90.02
07 72 38 13-2288 EA 18" x 27" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	1,891.06	90.02
07 72 38 13-2289 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	1,300.44	102.33
07 72 38 13-2290 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	1,389.97	102.33
07 72 38 13-2291 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	1,479.49	102.33
07 72 38 13-2292 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	1,569.01	102.33
07 72 38 13-2293 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	1,658.53	102.33
07 72 38 13-2294 EA 24" x 36" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	1,748.06	102.33





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 72 38 13-2295	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	1,837.58	102.33
07 72 38 13-2296	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	1,927.10	102.33
07 72 38 13-2297	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	2,016.62	102.33
07 72 38 13-2298	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	2,106.15	102.33
07 72 38 13-2299	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	2,195.67	102.33
07 72 38 13-2300	EA	24" x 36" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	2,285.19	102.33
07 72 38 13-2301	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	1,711.31	113.87
07 72 38 13-2302	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	1,800.83	113.87
07 72 38 13-2303	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	1,890.35	113.87
07 72 38 13-2304	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	1,979.87	113.87
07 72 38 13-2305	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	2,069.40	113.87
07 72 38 13-2306	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	2,158.92	113.87
07 72 38 13-2307	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	2,248.44	113.87
07 72 38 13-2308	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	2,337.97	113.87
07 72 38 13-2309	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	2,427.49	113.87
07 72 38 13-2310	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	2,517.01	113.87
07 72 38 13-2311	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	2,606.53	113.87
07 72 38 13-2312	EA	30" x 42" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	2,696.06	113.87
07 72 38 13-2313	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 16/12 Slope.....	2,176.20	113.87
07 72 38 13-2314	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 15/12 Slope.....	2,280.88	123.87
07 72 38 13-2315	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 14/12 Slope.....	2,370.41	123.87
07 72 38 13-2316	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 13/12 Slope.....	2,459.93	123.87
07 72 38 13-2317	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 12/12 Slope.....	2,549.45	123.87
07 72 38 13-2318	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 11/12 Slope.....	2,638.97	123.87
07 72 38 13-2319	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 10/12 Slope.....	2,728.50	123.87
07 72 38 13-2320	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 9/12 Slope.....	2,818.02	123.87
07 72 38 13-2321	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 8/12 Slope.....	2,907.54	123.87
07 72 38 13-2322	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 7/12 Slope.....	2,997.07	123.87
07 72 38 13-2323	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 6/12 Slope.....	3,086.59	123.87
07 72 38 13-2324	EA	36" x 48" Hipped Roof Aluminum Dormer Vents, 5/12 Slope.....	3,176.11	123.87

**07 72 46 Roof Walkways** (07 72)**07 72 46 00-0001 Recycled Rubber Walkway Pads** (07 72 46)

07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad .....	12.05	2.66
		<i>For Diamond Surface, Add</i>	1.15	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad .....	13.48	3.19
		<i>For Diamond Surface, Add</i>	1.34	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad .....	14.89	3.19
		<i>For Diamond Surface, Add</i>	1.49	

**07 72 53 Snow Guards** (07 72)**07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs** (07 72 53)

07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs.....	24.51	2.71
07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs .....	26.91	2.71
07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs.....	25.32	2.71
07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs.....	14.23	2.71

**07 72 53 00-0006 Snow Guards For Metal Roofs** (07 72 53)

Note: Aluminum construction.

07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300) .....	28.01	4.16
07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300).....	31.48	4.16
07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300).....	47.89	4.16
07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300).....	47.15	4.16
07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516) .....	43.61	4.86
07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516).....	47.98	4.86
07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516).....	60.80	4.86
07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) .....	24.48	3.64
		<i>For Mechanically Fastened, Add</i>	7.29	
07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM) .....	28.08	3.64
		<i>For Mechanically Fastened, Add</i>	7.29	
07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM).....	40.32	3.64
		<i>For Mechanically Fastened, Add</i>	7.29	
07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15) .....	12.65	3.64
		Note: Can be used for metal, rubber, PVC, TPO or glass roofing.		
		<i>For Mechanically Fastened, Add</i>	9.71	

**07 72 53 00-0018 Pipe Style, Snow Guards For Metal Roofs** (07 72 53)**07 72 53 00-0019 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps** (07 72 53 00-0018)

Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.

07 72 53 00-0020	EA	Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	65.74	14.57
07 72 53 00-0021	EA	Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	79.84	14.57
07 72 53 00-0022	EA	Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000) .....	91.10	14.57
07 72 53 00-0023	EA	Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000).....	115.32	14.57



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 53 00-0024 EA Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000).....	117.48	17.49
<b>07 72 53 00-0025 Tubing For Snow Guard Clamps</b> <small>(07 72 53 00-0018)</small>		
07 72 53 00-0026 LF 1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	13.30	3.49
Note: Includes end caps, collars and couplings.		
07 72 53 00-0027 LF 1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	28.26	3.49
Note: Includes end caps, collars and couplings.		
<b>07 72 56 Snow/Ice Melt Cable</b> <small>(07 72)</small>		
<b>07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters</b> <small>(07 72 56)</small>		
07 72 56 00-0002 LF 12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters.....	17.28	1.16
Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0003 LF 12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters.....	18.60	1.16
Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0004 EA Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters.....	249.65	87.08
07 72 56 00-0005 EA Splice Kit For Self Regulating Heating Cable For Roofs And Gutters.....	191.23	63.86
07 72 56 00-0006 EA Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters.....	9.25	3.48
For >5, Deduct	-0.70	
07 72 56 00-0007 EA Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters.....	8.69	3.48
For >5, Deduct	-0.64	
07 72 56 00-0008 EA Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters.....	65.72	8.71
07 72 56 00-0009 EA 120 Volt AC, Snow Switch, Automatic Control For Melting Snow.....	1,086.06	69.66
07 72 56 00-0010 EA Automatic Gutter Ice Melting Control.....	1,492.39	87.08
<b>07 72 63 Waste Containment Assemblies</b> <small>(07 72)</small>		
<b>07 72 63 00-0001 Rooftop Oil And Grease Containment System</b> <small>(07 72 63)</small>		
<b>07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E)</b> <small>(07 72 63 00-0001)</small>		
07 72 63 00-0003 EA 48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E).....	3,105.38	217.89
07 72 63 00-0004 EA 60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E).....	3,480.79	217.89
07 72 63 00-0005 EA 60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E).....	4,285.89	226.61
07 72 63 00-0006 EA 72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E).....	4,264.43	226.61
07 72 63 00-0007 EA 72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	5,590.31	245.13
07 72 63 00-0008 EA 72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	4,340.36	245.13
07 72 63 00-0009 EA 90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	4,830.62	290.45
07 72 63 00-0010 EA 108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	7,140.69	363.12
07 72 63 00-0011 EA 120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	8,900.27	363.12
07 72 63 00-0012 EA 144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	11,314.32	363.12
<b>07 72 63 00-0013 Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD)</b> <small>(07 72 63 00-0001)</small>		
07 72 63 00-0014 EA 48" Length, 48" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100).....	3,840.22	217.89
07 72 63 00-0015 EA 60" Length, 60" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	4,328.42	217.89
07 72 63 00-0016 EA 60" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	5,364.18	226.61
07 72 63 00-0017 EA 72" Length, 72" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	5,460.76	226.61
07 72 63 00-0018 EA 72" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	7,827.34	245.13
07 72 63 00-0019 EA 72" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	8,594.48	245.13
07 72 63 00-0020 EA 90" Length, 90" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	7,963.53	290.45
07 72 63 00-0021 EA 108" Length, 108" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	8,953.91	363.12
07 72 63 00-0022 EA 120" Length, 120" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	11,244.58	363.12
07 72 63 00-0023 EA 144" Length, 144" Width, 3.5" Height, Heavy-Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	14,382.85	363.12
<b>07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System</b> <small>(07 72 63)</small>		
Note: Includes removing old filters and installing new filters.		





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 72 63 00-0025	Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)	
07 72 63 00-0026	Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0025)	
07 72 63 00-0027	SET 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	258.07
07 72 63 00-0028	SET 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	365.38
07 72 63 00-0029	SET 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	526.30
07 72 63 00-0030	SET 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	483.55
07 72 63 00-0031	SET 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	912.72
07 72 63 00-0032	SET 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	923.44
07 72 63 00-0033	SET 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	709.04
07 72 63 00-0034	SET 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	923.62
07 72 63 00-0035	SET 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,358.15
07 72 63 00-0036	SET 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,792.68
07 72 63 00-0037	Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)	
07 72 63 00-0038	Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)	
07 72 63 00-0039	SET 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	542.64
07 72 63 00-0040	SET 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	725.05
07 72 63 00-0041	SET 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,057.65
07 72 63 00-0042	SET 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	982.71
07 72 63 00-0043	SET 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,900.05
07 72 63 00-0044	SET 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,910.77
07 72 63 00-0045	SET 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,412.03
07 72 63 00-0046	SET 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,910.94
07 72 63 00-0047	SET 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,806.82
07 72 63 00-0048	SET 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,740.26
07 72 63 00-0049	Heavy-Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0037)	
07 72 63 00-0050	SET 48" Length, 48" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	676.77
07 72 63 00-0051	SET 60" Length, 60" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	843.07
07 72 63 00-0052	SET 60" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,240.04
07 72 63 00-0053	SET 72" Length, 72" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C)	1,170.48
07 72 63 00-0054	SET 72" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C)	2,291.66
07 72 63 00-0055	SET 72" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C)	2,280.94
07 72 63 00-0056	SET 90" Length, 90" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C)	1,658.82
07 72 63 00-0057	SET 108" Length, 108" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C)	2,302.55
07 72 63 00-0058	SET 120" Length, 120" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C)	3,235.99
07 72 63 00-0059	SET 144" Length, 144" Width, 3.5" Height, Heavy-Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C)	4,507.40

## 07 73 Roof Protection Board (07 73)

07 73 00 00-0001 Roof Protection Board (07 73)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
single layer of panels attached per FM I-90 requirements.		
<b>07 73 00 00-0002</b>	<b>Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)</b>	
07 73 00 00-0003 SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) .....	3.91	0.55
<i>For No Adhesive, Deduct</i>		
07 73 00 00-0004 SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) .....	4.41	0.60
<i>For No Adhesive, Deduct</i>		
07 73 00 00-0005 SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®) .....	4.65	0.66
<i>For No Adhesive, Deduct</i>		
07 73 00 00-0006 SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) .....	3.97	0.55
<i>For No Adhesive, Deduct</i>		
07 73 00 00-0007 SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) .....	4.50	0.60
<i>For No Adhesive, Deduct</i>		
07 73 00 00-0008 SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime) .....	4.74	0.66
<i>For No Adhesive, Deduct</i>		
<b>07 73 00 00-0009</b>	<b>Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)</b>	
07 73 00 00-0010 SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) .....	3.71	0.55
07 73 00 00-0011 SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) .....	4.25	0.60
07 73 00 00-0012 SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®) .....	4.51	0.66
07 73 00 00-0013 SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) .....	3.77	0.55
07 73 00 00-0014 SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) .....	4.34	0.60
07 73 00 00-0015 SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime) .....	4.60	0.66
<b>07 73 00 00-0016</b>	<b>Mechanically Fastened, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)</b>	
Note: Mechanically fastened to wood or steel.		
07 73 00 00-0017 SF 1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) .....	3.70	0.55
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 73 00 00-0018 SF 1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) .....	4.21	0.60
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 73 00 00-0019 SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®) .....	4.45	0.66
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		
07 73 00 00-0020 SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime) .....	3.76	0.55
<i>For Mechanically Fastened To Concrete, Add</i>		
<i>For Mechanically Fastened To Gypsum, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>		
<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>		

<b>07</b>	<b>Thermal And Moisture Protection</b>
<b>07 70</b>	<b>Roof and Wall Specialties and Accessories</b>
<b>07 73</b>	<b>Roof Protection Board</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

07 73 00 00-0021	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.30	0.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.73	
		<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.73	
		<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	
07 73 00 00-0022	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime)	4.54	0.66
		<i>For Mechanically Fastened To Concrete, Add</i>	1.44	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;90 To 120 MPH Wind, Add</i>	0.72	
		<i>For Mechanically Fastened To Concrete, &gt;90 To 120 MPH Wind, Add</i>	2.79	
		<i>For Mechanically Fastened To Gypsum, &gt;90 To 120 MPH Wind, Add</i>	2.46	
		<i>For Mechanically Fastened To Wood Or Steel, &gt;120 To 135 MPH Wind, Add</i>	1.08	
		<i>For Mechanically Fastened To Concrete, &gt;120 To 135 MPH Wind, Add</i>	3.79	
		<i>For Mechanically Fastened To Gypsum, &gt;120 To 135 MPH Wind, Add</i>	3.69	

**07 76 Roof Pavers** (07 70)**07 76 16 Roof Decking Pavers** (07 76)**07 76 16 00-0001 Roof Pavers** (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002	SF	Up To 100 SF, 2" Concrete Roof Paver	11.50	6.90
		<i>For 1-1/2" Thickness, Deduct</i>	-1.15	
		<i>For 2-1/2" Thickness, Add</i>	1.27	
		<i>For 3" Thickness, Add</i>	2.55	
07 76 16 00-0003	SF	>100 To 200 SF, 2" Concrete Roof Paver	10.31	5.20
		<i>For 1-1/2" Thickness, Deduct</i>	-1.03	
		<i>For 2-1/2" Thickness, Add</i>	1.15	
		<i>For 3" Thickness, Add</i>	2.30	
07 76 16 00-0004	SF	>200 To 400 SF, 2" Concrete Roof Paver	9.64	4.14
		<i>For 1-1/2" Thickness, Deduct</i>	-0.96	
		<i>For 2-1/2" Thickness, Add</i>	1.07	
		<i>For 3" Thickness, Add</i>	2.15	
07 76 16 00-0005	SF	>400 To 1,000 SF, 2" Concrete Roof Paver	9.25	3.61
		<i>For 1-1/2" Thickness, Deduct</i>	-0.93	
		<i>For 2-1/2" Thickness, Add</i>	1.03	
		<i>For 3" Thickness, Add</i>	2.06	
07 76 16 00-0006	SF	>1,000 SF, 2" Concrete Roof Paver	8.75	3.30
		<i>For 1-1/2" Thickness, Deduct</i>	-0.88	
		<i>For 2-1/2" Thickness, Add</i>	0.97	
		<i>For 3" Thickness, Add</i>	1.95	

**07 76 16 00-0007 Roof Paver Pedestal** (07 76 16)

07 76 16 00-0008	EA	2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator)	25.58	1.09
07 76 16 00-0009	EA	3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	26.67	1.09
07 76 16 00-0010	EA	4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	27.76	1.09
07 76 16 00-0011	EA	Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator)	14.36	1.09
07 76 16 00-0012	EA	Stay Bar, Used With Roof Paver Pedestals >16" High (Hanover Elevator)	12.32	1.09
07 76 16 00-0013	EA	5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal)	12.64	1.09
		Note: Stackable.		
07 76 16 00-0014	EA	1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal	7.17	1.09
		Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015	EA	Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator)	9.26	1.09
		Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		

**07 76 19 Composite Insulation Concrete Protection Board** (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

**07 76 19 00-0001 Composite Insulation Concrete Protection Board** (07 76 19)

Note: Manufactured by T. Clear Corp. 25 year warranty.

07 76 19 00-0002	SF	2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	5.96	
		<i>For 20 Year Warranty, Deduct</i>	-0.37	
		<i>For 15 Year Warranty, Deduct</i>	-0.74	
		<i>For 10 Year Warranty, Deduct</i>	-1.01	
		<i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0003	SF	3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF	7.83	
		<i>For 20 Year Warranty, Deduct</i>	-0.53	
		<i>For 15 Year Warranty, Deduct</i>	-1.06	
		<i>For 10 Year Warranty, Deduct</i>	-1.43	
		<i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0004	SF	2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	9.20	
		<i>For 20 Year Warranty, Deduct</i>	-0.61	
		<i>For 15 Year Warranty, Deduct</i>	-1.23	
		<i>For 10 Year Warranty, Deduct</i>	-1.66	
		<i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	0.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 19 00-0005 SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF .....	11.16	
<i>For 20 Year Warranty, Deduct</i>	-0.77	
<i>For 15 Year Warranty, Deduct</i>	-1.54	
<i>For 10 Year Warranty, Deduct</i>	-2.09	
<i>For Winds &gt;90 MPH To 120 MPH Warranty, Add</i>	0.10	

**07 80 Fire and Smoke Protection** (07)**07 81 Applied Fireproofing** (07 80)

Note: Includes bonding agents as required.

**07 81 16 Cementitious Fireproofing** (07 81)**07 81 16 00-0001 Monokote Fireproofing** (07 81 16)

07 81 16 00-0002 SF Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	2.37	0.83
07 81 16 00-0003 SF Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	3.30	1.24

**07 81 16 00-0004 Gunitite Fireproofing** (07 81 16)

07 81 16 00-0005 SF 1" Thick, Non-Reinforced, Gunitite Fireproofing .....	3.26	0.78
07 81 16 00-0006 SF 1" Thick, Reinforced, Gunitite Fireproofing .....	4.59	0.78

**07 81 23 Intumescent Fireproofing** (07 81)**07 81 23 00-0001 Intumescent Thin Film Fireproofing (Albi Clad TF)** (07 81 23)**07 81 23 00-0002 Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)** (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0003 SF 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) .....	17.91	
<i>For &gt;10,000, Deduct</i>	-1.72	
07 81 23 00-0004 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	28.79	
<i>For &gt;10,000, Deduct</i>	-2.80	

**07 81 23 00-0005 Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)** (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0006 SF 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	11.64	
<i>For &gt;10,000, Deduct</i>	-1.08	
07 81 23 00-0007 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	25.79	
<i>For &gt;10,000, Deduct</i>	-2.49	
07 81 23 00-0008 SF 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	58.38	
<i>For &gt;10,000, Deduct</i>	-5.75	
07 81 23 00-0009 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	80.35	
<i>For &gt;10,000, Deduct</i>	-7.94	
07 81 23 00-0010 SF 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	102.36	
<i>For &gt;10,000, Deduct</i>	-10.14	
07 81 23 00-0011 SF 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	124.38	
<i>For &gt;10,000, Deduct</i>	-12.33	

**07 81 23 00-0012 Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)** (07 81 23 00-0001)

Note: Excludes primer.

07 81 23 00-0013 SF 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	23.50	
<i>For &gt;10,000, Deduct</i>	-2.27	
07 81 23 00-0014 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	43.67	
<i>For &gt;10,000, Deduct</i>	-4.28	
07 81 23 00-0015 SF 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	69.33	
<i>For &gt;10,000, Deduct</i>	-6.84	
07 81 23 00-0016 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	96.80	
<i>For &gt;10,000, Deduct</i>	-9.58	
07 81 23 00-0017 SF 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	122.46	
<i>For &gt;10,000, Deduct</i>	-12.15	

**07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP)** (07 81 23)**07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)** (07 81 23 00-0018)

Note: Excludes primer.

07 81 23 00-0020 SF 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	11.38	
<i>For &gt;10,000, Deduct</i>	-1.09	
07 81 23 00-0021 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	25.95	
<i>For &gt;10,000, Deduct</i>	-2.54	
07 81 23 00-0022 SF 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP).....	59.47	
<i>For &gt;10,000, Deduct</i>	-5.88	

**07 Thermal And Moisture Protection****07 80 Fire and Smoke Protection****07 81 Applied Fireproofing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

07 81 23 00-0023	SF	2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) .....	82.07	
		<i>For &gt;10,000, Deduct</i> .....	-8.14	
07 81 23 00-0024	SF	3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) .....	104.70	
		<i>For &gt;10,000, Deduct</i> .....	-10.40	

**07 81 33 Mineral-Fiber Fireproofing (07 81)****07 81 33 00-0001 Cellulose Fireproofing (07 81 33)**

07 81 33 00-0002	SF	Cellulose Fireproofing, Per Inch Of Thickness .....	2.76	0.78
------------------	----	---	------	------

**07 84 Firestopping (07 80)****07 84 13 Penetration Firestopping (07 84)****07 84 13 16 Penetration Firestopping Devices (07 84 13)****07 84 13 16-0001 Intumescent Firestopping Pipe Collar (07 84 13 16)**

07 84 13 16-0002	EA	1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5) .....	41.79	11.51
07 84 13 16-0003	EA	2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0) .....	50.85	11.51
07 84 13 16-0004	EA	3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0) .....	59.29	12.66
07 84 13 16-0005	EA	4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0) .....	93.82	14.38
07 84 13 16-0006	EA	8" Intumescent Firestop Pipe Collar (Hilti CP644 8") .....	471.10	17.26
07 84 13 16-0007	EA	10" Intumescent Firestop Pipe Collar (Hilti CP644 10") .....	609.26	18.98

**07 84 16 Annular Space Firestopping Protection (07 84)****07 84 16 00-0001 Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)**

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0002	EA	16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28) .....	365.82	
07 84 16 00-0003	EA	36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2) .....	516.90	
07 84 16 00-0004	EA	36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3) .....	700.62	

**07 84 16 00-0005 Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)**

07 84 16 00-0006	EA	2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249) .....	40.33	
07 84 16 00-0007	EA	2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269) .....	43.28	
07 84 16 00-0008	EA	3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369) .....	46.91	

**07 84 16 00-0009 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)****07 84 16 00-0010 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0009)**

07 84 16 00-0011	EA	1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	38.14	
07 84 16 00-0012	EA	2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	54.90	
07 84 16 00-0013	EA	3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	57.27	
07 84 16 00-0014	EA	4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	59.65	
07 84 16 00-0015	EA	5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	62.03	
07 84 16 00-0016	EA	6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+) .....	78.77	

**07 84 16 00-0017 Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0009)**

07 84 16 00-0018	EA	Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276) .....	15.36	
07 84 16 00-0019	EA	Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274) .....	15.96	
07 84 16 00-0020	EA	Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272) .....	14.84	
07 84 16 00-0021	EA	Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270) .....	16.01	
07 84 16 00-0022	EA	Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266) .....	15.55	
07 84 16 00-0023	EA	Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265) .....	14.92	

**07 84 43 Joint Firestopping (07 84)****07 84 43 00-0001 Firestopping Materials (07 84 43)**

07 84 43 00-0002	CI	Endothermic, Latex Compound Sealant, Single-Component .....	4.74	
07 84 43 00-0003	CI	Intumescent, Latex Sealant, Single-Component .....	4.27	
07 84 43 00-0004	CI	Nonhardening, Dielectric, Water-Resistant Intumescent Putty .....	4.22	
07 84 43 00-0005	CI	Silicone Foam, Two-Component, Cures In Place When Mixed .....	3.09	
07 84 43 00-0006	EA	1.5W x 1/4" T x 12" L Intumescent Wrap Strips, Single-Component .....	162.91	

Note: Red wrap strip elastomeric sheet with aluminum foil on one side.

**07 84 56 Fire Safing (07 84)****07 84 56 13 Fibrous Fire Safing (07 84 56)****07 84 56 13-0001 Thermal Barrier Wrap (07 84 56 13)**

Note: Includes cutting wrap to fit pipe or conduit and sealing edges.

07 84 56 13-0002	SF	1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A) .....	11.16	
		<i>For Work In Restricted Working Space, Add</i> .....	1.42	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0003 SF 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A) .....	18.09	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
For Work In Restricted Working Space, Add	1.42	
07 84 56 13-0004 SF 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A) .....	19.75	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
For Work In Restricted Working Space, Add	1.42	
<b>07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing (07 84 56 13)</b>		
07 84 56 13-0006 SF 1/2" Thermal Ceramics FireMaster Blanket Wrap .....	21.17	12.48
For Work In Restricted Working Space, Add	5.01	
For >500 To 5,000, Deduct	-1.86	
For >5,000, Deduct	-3.32	
07 84 56 13-0007 SF 1" Thermal Ceramics FireMaster Blanket Wrap .....	24.86	12.48
For Work In Restricted Working Space, Add	5.01	
For >500 To 5,000, Deduct	-2.71	
For >5,000, Deduct	-4.69	
07 84 56 13-0008 SF 1-1/2" Thermal Ceramics FireMaster Blanket Wrap .....	28.91	12.48
For Work In Restricted Working Space, Add	5.01	
For >500 To 5,000, Deduct	-3.64	
For >5,000, Deduct	-6.19	
07 84 56 13-0009 SF 2" Thermal Ceramics FireMaster Blanket Wrap .....	32.97	12.48
For Work In Restricted Working Space, Add	5.01	
For >500 To 5,000, Deduct	-4.58	
For >5,000, Deduct	-7.69	
<b>07 90 Joint Protection (07)</b>		
<b>07 91 Preformed Joint Seals (07 90)</b>		
<b>07 91 23 Backer Rods (07 91)</b>		
<b>07 91 23 00-0001 Backer Rods (07 91 23)</b>		
07 91 23 00-0002 LF 1/4" Polyethylene Or Polyurethane Backer Rod .....	2.06	0.54
07 91 23 00-0003 LF 3/8" Polyethylene Or Polyurethane Backer Rod .....	2.24	0.54
07 91 23 00-0004 LF 1/2" Polyethylene Or Polyurethane Backer Rod .....	2.52	0.54
07 91 23 00-0005 LF 5/8" Polyethylene Or Polyurethane Backer Rod .....	3.01	0.54
07 91 23 00-0006 LF 3/4" Polyethylene Or Polyurethane Backer Rod .....	3.15	0.65
07 91 23 00-0007 LF 7/8" Polyethylene Or Polyurethane Backer Rod .....	3.57	0.65
07 91 23 00-0008 LF 1" Polyethylene Or Polyurethane Backer Rod .....	4.69	0.65
07 91 23 00-0009 LF 1-1/4" Polyethylene Or Polyurethane Backer Rod .....	5.75	0.75
07 91 23 00-0010 LF 1-1/2" Polyethylene Or Polyurethane Backer Rod .....	6.92	0.86
07 91 23 00-0011 LF 2" Polyethylene Or Polyurethane Backer Rod .....	9.76	0.97
07 91 23 00-0012 LF 3" Polyethylene Or Polyurethane Backer Rod .....	21.03	1.20
<b>07 91 26 Joint Fillers (07 91)</b>		
<b>07 91 26 00-0001 Butyl Rubber Fillers (07 91 26)</b>		
07 91 26 00-0002 LF 1/4" x 1/4" Butyl Rubber Filler .....	2.57	0.65
For Custom Match Coloring, Add	0.05	
07 91 26 00-0003 LF 1/2" x 1/2" Butyl Rubber Filler .....	7.82	1.84
For Custom Match Coloring, Add	0.22	
07 91 26 00-0004 LF 1/2" x 3/4" Butyl Rubber Filler .....	9.59	1.95
For Custom Match Coloring, Add	0.34	
07 91 26 00-0005 LF 3/4" x 3/4" Butyl Rubber Filler .....	10.59	2.06
07 91 26 00-0006 LF 1" x 1" Butyl Rubber Filler .....	14.56	3.79
<b>07 91 26 00-0007 Closed Cell Neoprene (07 91 26)</b>		
07 91 26 00-0008 CLF 1/8" x 3" Neoprene Gasket Closed Cell, Adhesive .....	431.49	124.97
07 91 26 00-0009 CLF 1/8" x 6" Neoprene Gasket Closed Cell, Adhesive .....	691.48	180.53
07 91 26 00-0010 CLF 1/4" x 3" Neoprene Gasket Closed Cell, Adhesive .....	552.97	154.75
07 91 26 00-0011 CLF 1/4" x 6" Neoprene Gasket Closed Cell, Adhesive .....	636.30	162.44
07 91 26 00-0012 CLF 1/2" x 6" Neoprene Gasket Closed Cell, Adhesive .....	971.06	249.94
07 91 26 00-0013 CLF 1/2" x 9" Neoprene Gasket Closed Cell, Adhesive .....	1,110.43	270.73
07 91 26 00-0014 CLF 1/2" x 12" Neoprene Gasket Closed Cell, Adhesive .....	1,002.38	196.88
<b>07 91 26 00-0015 Closed Cell Polyvinyl Chloride (07 91 26)</b>		
07 91 26 00-0016 CLF 1/8" x 3" Polyethylene Joint Backing, Closed Cell .....	442.57	154.75
07 91 26 00-0017 CLF 1/8" x 6" Polyethylene Joint Backing, Closed Cell .....	758.02	249.94
07 91 26 00-0018 CLF 1/4" x 3" Polyethylene Joint Backing, Closed Cell .....	581.31	213.34
07 91 26 00-0019 CLF 1/4" x 6" Polyethylene Joint Backing, Closed Cell .....	706.54	225.25
07 91 26 00-0020 CLF 1/2" x 6" Polyethylene Joint Backing, Closed Cell .....	1,075.18	345.46
07 91 26 00-0021 CLF 1/2" x 9" Polyethylene Joint Backing, Closed Cell .....	1,264.45	374.91
07 91 26 00-0022 CLF 1/2" x 12" Polyethylene Joint Backing, Closed Cell .....	1,683.87	449.41
<b>07 91 26 00-0023 Silicon RTV Foam Penetration Seal (07 91 26)</b>		
07 91 26 00-0024 CLF 1/4" x 1/2" Silicon RTV Foam Seal .....	152.50	24.80



**07 Thermal And Moisture Protection****07 90 Joint Protection****07 91 Prefomed Joint Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0025	CLF		1/2" x 1/2" Silicon RTV Foam Seal.....	304.97	49.49
07 91 26 00-0026	CLF		1/2" x 3/4" Silicon RTV Foam Seal.....	454.67	73.53
07 91 26 00-0027	CLF		3/4" x 3/4" Silicon RTV Foam Seal.....	644.97	99.09
07 91 26 00-0028	CLF		1/8" x 1" Silicon RTV Foam Seal.....	152.50	24.80
07 91 26 00-0029	CLF		1/8" x 3" Silicon RTV Foam Seal.....	454.23	73.32
07 91 26 00-0030	CLF		1/4" x 3" Silicon RTV Foam Seal.....	786.58	110.13
07 91 26 00-0031	CLF		1/4" x 6" Silicon RTV Foam Seal.....	1,571.23	219.51
07 91 26 00-0032	CLF		1/2" x 6" Silicon RTV Foam Seal.....	2,993.28	396.25
07 91 26 00-0033	CLF		1/2" x 9" Silicon RTV Foam Seal.....	4,569.57	619.00
07 91 26 00-0034	CLF		1/2" x 12" Silicon RTV Foam Seal.....	6,659.64	990.44
<b>07 91 26 00-0035</b>			<b>Seals O-Ring Type Cord "J-Seal" (07 91 26)</b>		
07 91 26 00-0036	LF		1/4" Seals O-Ring Cord, J-Seal.....	4.65	1.41
07 91 26 00-0037	LF		1/2" Seals O-Ring Cord, J-Seal.....	4.93	1.41
07 91 26 00-0038	LF		3/4" Seals O-Ring Cord, J-Seal.....	5.18	1.53
07 91 26 00-0039	LF		1" Seals O-Ring Cord, J-Seal.....	5.46	1.64
07 91 26 00-0040	LF		1-1/4" Seals O-Ring Cord, J-Seal.....	5.85	1.75
07 91 26 00-0041	LF		1-1/2" Seals O-Ring Cord, J-Seal.....	6.13	1.75
07 91 26 00-0042	LF		1-3/4" Seals O-Ring Cord, J-Seal.....	6.47	1.85
07 91 26 00-0043	LF		2" Seals O-Ring Cord, J-Seal.....	6.68	1.85
<b>07 91 33</b>			<b>Expansion Joint Seal Systems (07 91)</b>		
07 91 33 00-0001			Expansion Joint Seal Systems (Wabo®) (07 91 33)		
07 91 33 00-0002			Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)		
			Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.		
07 91 33 00-0003	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH).....	95.65	7.54
07 91 33 00-0004	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH).....	128.82	7.90
07 91 33 00-0005	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....	163.81	8.26
07 91 33 00-0006	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH).....	202.77	8.62
07 91 33 00-0007	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH).....	263.93	8.98
07 91 33 00-0008	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH).....	303.54	9.33
07 91 33 00-0009	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH).....	352.70	9.70
07 91 33 00-0010			Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)		
			Note: Includes prefomed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF		0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....	47.43	7.54
07 91 33 00-0012	LF		0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....	52.00	7.65
07 91 33 00-0013	LF		0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....	63.46	7.76
07 91 33 00-0014	LF		0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....	67.50	7.90
07 91 33 00-0015	LF		1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....	72.30	8.00
07 91 33 00-0016	LF		1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....	89.31	8.12
07 91 33 00-0017	LF		1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....	110.89	8.26
07 91 33 00-0018	LF		1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....	131.63	8.62
07 91 33 00-0019	LF		1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Prefomed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	149.35	8.98
07 91 33 00-0020			Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)		
			Note: Includes prefomed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF		0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	39.21	7.54
07 91 33 00-0022	LF		0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	51.74	7.90
07 91 33 00-0023	LF		1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	64.03	8.26
07 91 33 00-0024	LF		1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	67.74	8.44
07 91 33 00-0025	LF		1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Prefomed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	75.45	8.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0026 LF 1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	109.59	8.98
07 91 33 00-0027 LF 1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	151.88	9.33
<b>07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)</b>		
<i>Note: Includes a pre-compressed foam seal and silicone sealant.</i>		
07 91 33 00-0029 LF 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	35.75	2.99
07 91 33 00-0030 LF 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	60.42	3.11
07 91 33 00-0031 LF 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	91.29	3.24
07 91 33 00-0032 LF 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	115.30	3.35
07 91 33 00-0033 LF 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	151.96	3.47
07 91 33 00-0034 LF 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	201.27	3.59
07 91 33 00-0035 LF 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	247.05	3.71
07 91 33 00-0036 LF 2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	333.44	3.83
07 91 33 00-0037 LF 3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	389.42	3.95
<b>07 91 33 00-0038 Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001)</b>		
<i>Note: Includes a pre-compressed foam seal and silicone sealant.</i>		
07 91 33 00-0039 LF 0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	34.86	2.99
07 91 33 00-0040 LF 1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	46.20	3.11
07 91 33 00-0041 LF 1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	62.20	3.24
07 91 33 00-0042 LF 1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	84.66	3.35
07 91 33 00-0043 LF 2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	96.66	3.47
07 91 33 00-0044 LF 2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	134.43	3.59
07 91 33 00-0045 LF 3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	180.87	3.71
07 91 33 00-0046 LF 3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	195.31	3.83
<b>07 92 Joint Sealants (07 90)</b>		
<b>07 92 13 Elastomeric Joint Sealants (07 92)</b>		
<b>07 92 13 00-0001 Silicone Sealant And Caulking (07 92 13)</b>		
07 92 13 00-0002 CLF 1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	379.58	107.04
<i>For Custom Match Coloring, Add</i>	14.03	
<i>For Up To 6 CLF, Add</i>	20.44	
<i>For &gt;30 CLF, Deduct</i>	-21.90	
<i>For 1 Part Mildew Resistant, Add</i>	20.46	
<i>For High-Modulus Non-Acid Curing, Add</i>	11.69	
07 92 13 00-0003 CLF 1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	408.81	107.04
<i>For Custom Match Coloring, Add</i>	21.05	
<i>For Up To 4 CLF, Add</i>	22.63	
<i>For &gt;20 CLF, Deduct</i>	-24.83	
<i>For 1 Part Mildew Resistant, Add</i>	30.70	
<i>For High-Modulus Non-Acid Curing, Add</i>	17.54	
07 92 13 00-0004 CLF 1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	449.94	110.60
<i>For Custom Match Coloring, Add</i>	28.07	
<i>For Up To 3 CLF, Add</i>	25.42	
<i>For &gt;15 CLF, Deduct</i>	-28.34	
<i>For 1 Part Mildew Resistant, Add</i>	40.93	
<i>For High-Modulus Non-Acid Curing, Add</i>	23.39	
07 92 13 00-0005 CLF 3/8" x 3/8" Joint, Silicone Sealant And Caulking.....	464.55	110.60
<i>For Custom Match Coloring, Add</i>	31.57	
<i>For Up To 2.5 CLF, Add</i>	26.52	
<i>For &gt;13 CLF, Deduct</i>	-29.81	
<i>For 1 Part Mildew Resistant, Add</i>	46.04	
<i>For High-Modulus Non-Acid Curing, Add</i>	26.31	

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 92 Joint Sealants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0006	CLF		3/8" x 1/2" Joint, Silicone Sealant And Caulking .....	508.40	110.60
			<i>For Custom Match Coloring, Add</i>	42.10	
			<i>For Up To 2 CLF, Add</i>	29.81	
			<i>For &gt;10 CLF, Deduct</i>	-34.19	
			<i>For 1 Part Mildew Resistant, Add</i>	61.39	
			<i>For High-Modulus Non-Acid Curing, Add</i>	35.08	
07 92 13 00-0007	CLF		3/8" x 5/8" Joint, Silicone Sealant And Caulking .....	552.26	110.60
			<i>For Custom Match Coloring, Add</i>	52.62	
			<i>For Up To 1.5 CLF, Add</i>	33.09	
			<i>For &gt;8 CLF, Deduct</i>	-38.58	
			<i>For 1 Part Mildew Resistant, Add</i>	76.74	
			<i>For High-Modulus Non-Acid Curing, Add</i>	43.85	
07 92 13 00-0008	CLF		3/8" x 3/4" Joint, Silicone Sealant And Caulking .....	608.00	115.36
			<i>For Custom Match Coloring, Add</i>	63.15	
			<i>For Up To 1.3 CLF, Add</i>	36.98	
			<i>For &gt;7 CLF, Deduct</i>	-43.56	
			<i>For 1 Part Mildew Resistant, Add</i>	92.09	
			<i>For High-Modulus Non-Acid Curing, Add</i>	52.62	
07 92 13 00-0009	CLF		1/2" x 1/2" Joint, Silicone Sealant And Caulking .....	578.76	115.36
			<i>For Custom Match Coloring, Add</i>	56.13	
			<i>For Up To 1.4 CLF, Add</i>	34.78	
			<i>For &gt;7.5 CLF, Deduct</i>	-40.63	
			<i>For 1 Part Mildew Resistant, Add</i>	81.85	
			<i>For High-Modulus Non-Acid Curing, Add</i>	46.77	
07 92 13 00-0010	CLF		1/2" x 5/8" Joint, Silicone Sealant And Caulking .....	649.14	118.93
			<i>For Custom Match Coloring, Add</i>	70.16	
			<i>For Up To 1.15 CLF, Add</i>	39.77	
			<i>For &gt;6 CLF, Deduct</i>	-47.07	
			<i>For 1 Part Mildew Resistant, Add</i>	102.32	
			<i>For High-Modulus Non-Acid Curing, Add</i>	58.47	
07 92 13 00-0011	CLF		1/2" x 3/4" Joint, Silicone Sealant And Caulking .....	707.61	118.93
			<i>For Custom Match Coloring, Add</i>	84.19	
			<i>For Up To 1 CLF, Add</i>	44.15	
			<i>For &gt;5 CLF, Deduct</i>	-52.92	
			<i>For 1 Part Mildew Resistant, Add</i>	122.78	
			<i>For High-Modulus Non-Acid Curing, Add</i>	70.16	
07 92 13 00-0012	CLF		1/2" x 7/8" Joint, Silicone Sealant And Caulking .....	777.97	122.49
			<i>For Custom Match Coloring, Add</i>	98.23	
			<i>For Up To 0.8 CLF, Add</i>	49.13	
			<i>For &gt;4.5 CLF, Deduct</i>	-59.36	
			<i>For 1 Part Mildew Resistant, Add</i>	143.25	
			<i>For High-Modulus Non-Acid Curing, Add</i>	81.86	
07 92 13 00-0013	CLF		1/2" x 1" Joint, Silicone Sealant And Caulking .....	848.33	127.25
			<i>For Custom Match Coloring, Add</i>	112.26	
			<i>For Up To 0.75 CLF, Add</i>	54.11	
			<i>For &gt;4 CLF, Deduct</i>	-65.80	
			<i>For 1 Part Mildew Resistant, Add</i>	163.71	
			<i>For High-Modulus Non-Acid Curing, Add</i>	93.55	
07 92 13 00-0014	CLF		3/4" x 3/4" Joint, Silicone Sealant And Caulking .....	918.68	130.82
			<i>For Custom Match Coloring, Add</i>	126.29	
			<i>For Up To 0.65 CLF, Add</i>	59.09	
			<i>For &gt;3.5 CLF, Deduct</i>	-72.24	
			<i>For 1 Part Mildew Resistant, Add</i>	184.17	
			<i>For High-Modulus Non-Acid Curing, Add</i>	105.24	
07 92 13 00-0015	CLF		3/4" x 1" Joint, Silicone Sealant And Caulking .....	1,129.77	142.72
			<i>For Custom Match Coloring, Add</i>	168.39	
			<i>For Up To 0.5 CLF, Add</i>	74.03	
			<i>For &gt;2.5 CLF, Deduct</i>	-91.57	
			<i>For 1 Part Mildew Resistant, Add</i>	245.57	
			<i>For High-Modulus Non-Acid Curing, Add</i>	140.32	
07 92 13 00-0016	CLF		1" x 1" Joint, Silicone Sealant And Caulking .....	1,411.21	158.18
			<i>For Custom Match Coloring, Add</i>	224.52	
			<i>For Up To 0.4 CLF, Add</i>	93.95	
			<i>For &gt;2 CLF, Deduct</i>	-117.34	
			<i>For 1 Part Mildew Resistant, Add</i>	327.42	
			<i>For High-Modulus Non-Acid Curing, Add</i>	187.10	
07 92 13 00-0017			<b>Acrylic/Latex Sealant And Caulking</b> <sup>(07 92 13)</sup> .....		
07 92 13 00-0018	CLF		1/4" x 1/4" Joint, Acrylic/Latex Sealant And Caulking .....	341.62	107.04
			<i>For Up To 6 CLF, Add</i>	17.59	
			<i>For &gt;30 CLF, Deduct</i>	-18.11	
07 92 13 00-0019	CLF		1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking .....	351.88	107.04
			<i>For Up To 4 CLF, Add</i>	18.36	
			<i>For &gt;20 CLF, Deduct</i>	-19.13	
07 92 13 00-0020	CLF		1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	374.03	110.60
			<i>For Up To 3 CLF, Add</i>	19.73	
			<i>For &gt;15 CLF, Deduct</i>	-20.75	
07 92 13 00-0021	CLF		3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking .....	379.15	110.60
			<i>For Up To 2.5 CLF, Add</i>	20.11	
			<i>For &gt;13 CLF, Deduct</i>	-21.27	
07 92 13 00-0022	CLF		3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	394.54	110.60
			<i>For Up To 2 CLF, Add</i>	21.27	
			<i>For &gt;10 CLF, Deduct</i>	-22.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0023 CLF 3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking .....	409.92	110.60
For Up To 1.5 CLF, Add	22.42	
For >8 CLF, Deduct	-24.34	
07 92 13 00-0024 CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	437.20	115.36
For Up To 1.3 CLF, Add	24.17	
For >7 CLF, Deduct	-26.48	
07 92 13 00-0025 CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking .....	426.94	115.36
For Up To 1.4 CLF, Add	23.40	
For >7.5 CLF, Deduct	-25.45	
07 92 13 00-0026 CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking .....	459.36	118.93
For Up To 1.15 CLF, Add	25.53	
For >6 CLF, Deduct	-28.10	
07 92 13 00-0027 CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	479.88	118.93
For Up To 1 CLF, Add	27.07	
For >5 CLF, Deduct	-30.15	
07 92 13 00-0028 CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking .....	512.28	122.49
For Up To 0.8 CLF, Add	29.20	
For >4.5 CLF, Deduct	-32.79	
07 92 13 00-0029 CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking .....	544.68	127.25
For Up To 0.75 CLF, Add	31.34	
For >4 CLF, Deduct	-35.44	
07 92 13 00-0030 CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking .....	577.08	130.82
For Up To 0.65 CLF, Add	33.47	
For >3.5 CLF, Deduct	-38.08	
07 92 13 00-0031 CLF 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking .....	674.30	142.72
For Up To 0.5 CLF, Add	39.87	
For >2.5 CLF, Deduct	-46.02	
07 92 13 00-0032 CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking .....	803.92	158.18
For Up To 0.4 CLF, Add	48.40	
For >2 CLF, Deduct	-56.61	
<b>07 92 13 00-0033 Polyurethane Sealant And Caulking (07 92 13)</b>		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0034 CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking .....	365.95	107.04
For Up To 6 CLF, Add	19.42	
For >30 CLF, Deduct	-20.54	
07 92 13 00-0035 CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking .....	388.38	107.04
For Up To 4 CLF, Add	21.10	
For >20 CLF, Deduct	-22.78	
07 92 13 00-0036 CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking .....	422.69	110.60
For Up To 3 CLF, Add	23.38	
For >15 CLF, Deduct	-25.62	
07 92 13 00-0037 CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking .....	433.90	110.60
For Up To 2.5 CLF, Add	24.22	
For >13 CLF, Deduct	-26.74	
07 92 13 00-0038 CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking .....	467.53	110.60
For Up To 2 CLF, Add	26.74	
For >10 CLF, Deduct	-30.10	
07 92 13 00-0039 CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking .....	501.16	110.60
For Up To 1.5 CLF, Add	29.26	
For >8 CLF, Deduct	-33.47	
07 92 13 00-0040 CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking .....	546.68	115.36
For Up To 1.3 CLF, Add	32.38	
For >7 CLF, Deduct	-37.42	
07 92 13 00-0041 CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking .....	524.26	115.36
For Up To 1.4 CLF, Add	30.70	
For >7.5 CLF, Deduct	-35.18	
07 92 13 00-0042 CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking .....	581.02	118.93
For Up To 1.15 CLF, Add	34.66	
For >6 CLF, Deduct	-40.26	
07 92 13 00-0043 CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking .....	625.86	118.93
For Up To 1 CLF, Add	38.02	
For >5 CLF, Deduct	-44.75	
07 92 13 00-0044 CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking .....	682.59	122.49
For Up To 0.8 CLF, Add	41.98	
For >4.5 CLF, Deduct	-49.82	
07 92 13 00-0045 CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking .....	739.33	127.25
For Up To 0.75 CLF, Add	45.94	
For >4 CLF, Deduct	-54.90	
07 92 13 00-0046 CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking .....	796.06	130.82
For Up To 0.65 CLF, Add	49.89	
For >3.5 CLF, Deduct	-59.98	
07 92 13 00-0047 CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking .....	966.27	142.72
For Up To 0.5 CLF, Add	61.77	
For >2.5 CLF, Deduct	-75.22	
<b>07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)</b>		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0049 CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking .....	370.21	107.04
For Up To 6 CLF, Add	19.74	
For >30 CLF, Deduct	-20.97	

**07 Thermal And Moisture Protection****07 90 Joint Protection****07 92 Joint Sealants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0050	CLF		1/4" x 3/8" Joint, Polysulfide Sealant And Caulking .....	394.78	107.04
			For Up To 4 CLF, Add	21.58	
			For >20 CLF, Deduct	-23.42	
07 92 13 00-0051	CLF		1/4" x 1/2" Joint, Polysulfide Sealant And Caulking .....	431.22	110.60
			For Up To 3 CLF, Add	24.02	
			For >15 CLF, Deduct	-26.47	
07 92 13 00-0052	CLF		3/8" x 3/8" Joint, Polysulfide Sealant And Caulking .....	443.49	110.60
			For Up To 2.5 CLF, Add	24.94	
			For >13 CLF, Deduct	-27.70	
07 92 13 00-0053	CLF		3/8" x 1/2" Joint, Polysulfide Sealant And Caulking .....	480.34	110.60
			For Up To 2 CLF, Add	27.70	
			For >10 CLF, Deduct	-31.38	
07 92 13 00-0054	CLF		3/8" x 5/8" Joint, Polysulfide Sealant And Caulking .....	517.16	110.60
			For Up To 1.5 CLF, Add	30.46	
			For >8 CLF, Deduct	-35.07	
07 92 13 00-0055	CLF		3/8" x 3/4" Joint, Polysulfide Sealant And Caulking .....	565.88	115.36
			For Up To 1.3 CLF, Add	33.82	
			For >7 CLF, Deduct	-39.34	
07 92 13 00-0056	CLF		1/2" x 1/2" Joint, Polysulfide Sealant And Caulking .....	541.33	115.36
			For Up To 1.4 CLF, Add	31.98	
			For >7.5 CLF, Deduct	-36.89	
07 92 13 00-0057	CLF		1/2" x 5/8" Joint, Polysulfide Sealant And Caulking .....	602.36	118.93
			For Up To 1.15 CLF, Add	36.26	
			For >6 CLF, Deduct	-42.40	
07 92 13 00-0058	CLF		1/2" x 3/4" Joint, Polysulfide Sealant And Caulking .....	651.46	118.93
			For Up To 1 CLF, Add	39.94	
			For >5 CLF, Deduct	-47.31	
07 92 13 00-0059	CLF		1/2" x 7/8" Joint, Polysulfide Sealant And Caulking .....	712.47	122.49
			For Up To 0.8 CLF, Add	44.22	
			For >4.5 CLF, Deduct	-52.81	
07 92 13 00-0060	CLF		1/2" x 1" Joint, Polysulfide Sealant And Caulking .....	773.46	127.25
			For Up To 0.75 CLF, Add	48.50	
			For >4 CLF, Deduct	-58.32	
07 92 13 00-0061	CLF		3/4" x 3/4" Joint, Polysulfide Sealant And Caulking .....	834.47	130.82
			For Up To 0.65 CLF, Add	52.77	
			For >3.5 CLF, Deduct	-63.82	
07 92 13 00-0062	CLF		3/4" x 1" Joint, Polysulfide Sealant And Caulking .....	1,017.46	142.72
			For Up To 0.5 CLF, Add	65.61	
			For >2.5 CLF, Deduct	-80.34	

**07 95 Expansion Control** (07 90)**07 95 13 Expansion Joint Cover Assemblies** (07 95)

Note: Includes necessary waterproofing mastics/caulking.

**07 95 13 13 Interior Expansion Joint Cover Assemblies** (07 95 13)**07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies** (07 95 13 13)**07 95 13 13-0002 With 1" Space** (07 95 13 13-0001)

07 95 13 13-0003	LF	1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover .....	82.08	8.01
07 95 13 13-0004	LF	1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover .....	68.81	8.01
07 95 13 13-0005	LF	1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover .....	100.43	8.01

**07 95 13 13-0006 With 2" Space** (07 95 13 13-0001)

07 95 13 13-0007	LF	2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover .....	109.04	8.01
07 95 13 13-0008	LF	2" Opening Floor Assembly Type, Bronze Expansion Joint Cover .....	82.36	8.01
07 95 13 13-0009	LF	2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover .....	136.58	8.01

**07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies** (07 95 13 13)**07 95 13 13-0011 With 1" Space** (07 95 13 13-0010)

07 95 13 13-0012	LF	1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover .....	62.06	8.01
07 95 13 13-0013	LF	1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover .....	62.21	8.01
07 95 13 13-0014	LF	1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover .....	89.31	8.01

**07 95 13 13-0015 With 2" Space** (07 95 13 13-0010)

07 95 13 13-0016	LF	2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover .....	78.24	8.01
07 95 13 13-0017	LF	2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover .....	68.98	8.01
07 95 13 13-0018	LF	2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover .....	107.38	8.01

**07 95 13 16 Exterior Expansion Joint Cover Assemblies** (07 95 13)**07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies** (07 95 13 16)**07 95 13 16-0002 Roof To Roof** (07 95 13 16-0001)

07 95 13 16-0003	LF	1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint .....	110.27	5.33
07 95 13 16-0004	LF	2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint .....	132.97	5.33



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>07 95 13 16-0005</b> <b>Roof To Wall</b> <small>(07 95 13 16-0001)</small>		
07 95 13 16-0006    LF    1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	82.17	5.33
07 95 13 16-0007    LF    2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	109.95	5.33
<b>07 95 13 16-0008</b> <b>Flat Wall To Wall</b> <small>(07 95 13 16-0001)</small>		
07 95 13 16-0009    LF    1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....	61.12	5.33
07 95 13 16-0010    LF    2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint.....	77.79	5.33
<b>07 95 13 16-0011</b> <b>Corner To Flat Wall</b> <small>(07 95 13 16-0001)</small>		
07 95 13 16-0012    LF    1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....	57.60	5.33
07 95 13 16-0013    LF    2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint.....	68.71	5.33

**END OF SECTION 07**



07	<b>07 Thermal And Moisture Protection</b>
	07 90 Joint Protection
	07 95 Expansion Control



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



<b>Openings</b>	<b>08</b>	
<b>Operation and Maintenance of Openings</b>	<b>08 01</b>	<b>08</b>
<b>Operation and Maintenance of Doors and Frames</b>	<b>08 01 10</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 08 Openings

### 08 01 Operation and Maintenance of Openings<sup>(08)</sup>

#### 08 01 10 Operation and Maintenance of Doors and Frames<sup>(08 01)</sup>

##### 08 01 11 Operation and Maintenance of Metal Doors and Frames<sup>(08 01 10)</sup>

##### 08 01 11 61 Metal Doors and Frames Repair<sup>(08 01 11)</sup>

08 01 11 61-0001	Hollow Metal Door Repair <sup>(08 01 11 61)</sup>		
	Note: Repairs are based on holes or damage of less than 1/2 of a square foot.		
08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes .....	26.48
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes.....	53.11
		Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish	
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors .....	63.93

#### 08 01 50 Operation and Maintenance of Windows<sup>(08 01)</sup>

##### 08 01 52 Operation and Maintenance of Wood Windows<sup>(08 01 50)</sup>

##### 08 01 52 61 Wood Window Repairs<sup>(08 01 52)</sup>

08 01 52 61-0001	Window Restoration And Replacement <sup>(08 01 52 61)</sup>		
08 01 52 61-0002	EA	Removal And Replacement Of Window Arms .....	37.69
08 01 52 61-0003	EA	Removal And Replacement Of Window Crank Operator .....	43.43
08 01 52 61-0004	EA	Removal And Replacement Of Brass Window Sash Pull .....	26.29
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Lock.....	23.61
08 01 52 61-0006	EA	Removal And Replacement Of Sash Guides .....	13.32
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window .....	29.50
		Note: Channel, spiral or coil balance.	
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/or Casing .....	88.98
		Note: Channel, spiral or coil balance.	
		For Replacing Two Balances In One Window, Deduct	-32.84

#### 08 01 80 Maintenance of Glazing<sup>(08 01)</sup>

##### 08 01 81 Maintenance of Glass Glazing<sup>(08 01 80)</sup>

##### 08 01 81 10 Maintenance of Glass Glazing<sup>(08 01 81)</sup>

08 01 81 10-0001	Glazing Compound Repair <sup>(08 01 81 10)</sup>		
08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair) .....	9.33

## 08 05 Common Work Results for Openings<sup>(08)</sup>

### 08 05 13 Door Options and Modifications<sup>(08 05)</sup>

Note: Excludes removal and reinstallation of door.

08 05 13 00-0001	Door Vision Panels (Pemko LT-S1) <sup>(08 05 13)</sup>		
	Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.		
08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	149.84
		For 9/16" To 1-1/16" Glazing Pocket, Add	74.92
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	189.68
		For 9/16" To 1-1/16" Glazing Pocket, Add	94.84
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	220.02
		For 9/16" To 1-1/16" Glazing Pocket, Add	110.01
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	280.72
		For 9/16" To 1-1/16" Glazing Pocket, Add	140.36
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	364.18
		For 9/16" To 1-1/16" Glazing Pocket, Add	182.09
08 05 13 00-0007	EA	For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	464.71
		For 9/16" To 1-1/16" Glazing Pocket, Add	232.36
08 05 13 00-0008	EA	For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	493.16
		For 9/16" To 1-1/16" Glazing Pocket, Add	246.58
08 05 13 00-0009	EA	For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add .....	255.20
		For 9/16" To 1-1/16" Glazing Pocket, Add	68.11

**08 Openings****08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0010	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	303.31	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	86.22	
08 05 13 00-0011	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	342.79	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	100.01	
08 05 13 00-0012	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	409.87	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	127.60	
08 05 13 00-0013	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	497.64	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	165.54	
08 05 13 00-0014	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	600.92	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	211.23	
08 05 13 00-0015	EA		For >10 SF, Site Installed 20 Gauge Galvanized Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	638.68	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i> .....	224.16	
<b>08 05 13 00-0016</b>			<b>Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY)</b> <small>(08 05 13)</small>		
			Note: Factory primed or powder coated.		
08 05 13 00-0017	EA		For Up To 1 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	142.88	
08 05 13 00-0018	EA		For >1 To 2 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	162.31	
08 05 13 00-0019	EA		For >2 To 4 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	220.60	
08 05 13 00-0020	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	411.38	
08 05 13 00-0021	EA		For >6 To 8 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	508.73	
08 05 13 00-0022	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	607.65	
08 05 13 00-0023	EA		For >10 To 14 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	792.93	
08 05 13 00-0024	EA		For >14 To 18 SF, Factory Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	933.39	
			<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i> .....	112.01	
08 05 13 00-0025	EA		For Up To 1 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	232.12	
08 05 13 00-0026	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	260.46	
08 05 13 00-0027	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	327.68	
08 05 13 00-0028	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	527.38	
08 05 13 00-0029	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	633.66	
08 05 13 00-0030	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	741.49	
08 05 13 00-0031	EA		For >10 To 14 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	935.70	
08 05 13 00-0032	EA		For >14 To 18 SF, Site Installed 20 Gauge Galvanized Inverted "Y" Blades, 18 Gauge Galvanized Frame Louver In Door, Add.....	1,082.11	
			<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i> .....	112.01	
<b>08 05 13 00-0033</b>			<b>Fire Rated Fusible Link Louvers (Pemko LV-FL)</b> <small>(08 05 13)</small>		
			Note: Factory primed or powder coated.		
08 05 13 00-0034	EA		For Up To 1 SF, Factory Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	289.34	
08 05 13 00-0035	EA		For >1 To 2 SF, Factory Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	331.09	
08 05 13 00-0036	EA		For >2 To 4 SF, Factory Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	388.90	
08 05 13 00-0037	EA		For Up To 1 SF, Site Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	396.42	
08 05 13 00-0038	EA		For >1 To 2 SF, Site Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	450.07	
08 05 13 00-0039	EA		For >2 To 4 SF, Site Installed 16 Gauge Galvanized Adjustable "Z" Blades, 18 Gauge Galvanized Frame Fire Rated Fusible Link Louver In Door, Add.....	517.40	
<b>08 05 13 00-0040</b>			<b>Door Hardware Preparation</b> <small>(08 05 13)</small>		
08 05 13 00-0041	EA		Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware.....	89.20	
08 05 13 00-0042	EA		Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware.....	220.02	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0043	EA		Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware.....	101.09	
08 05 13 00-0044	EA		Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware.....	178.40	
			Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0045	EA		Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware.....	29.73	
08 05 13 00-0046	EA		Prepare Existing Wood Door (Rated) For Concealed Vertical Rod.....	327.10	
			Note: Requires door to be taken off site for UL certification.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0047 EA Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod.....	208.12	
08 05 13 00-0048 EA Prepare Existing Wood Door (Rated) For Electric Hardware..... Note: Requires door to be taken off site for UL certification.	220.02	
08 05 13 00-0049 EA Prepare Existing Door (Non-Rated) For Electric Hardware .....	101.09	
<b>08 05 13 00-0050 Door Modifications (08 05 13)</b>		
08 05 13 00-0051 EA Removal And Reinstallation Of Door .....	101.13	
08 05 13 00-0052 EA Removal And Reinstallation Of Metal Door Frame .....	198.29	
08 05 13 00-0053 EA Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile .....	107.08	
Note: Excludes removal and reinstallation of door.		
08 05 13 00-0054 EA Modify Metal Door Frame For Door Swing .....	1,358.22	
Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.		
08 05 13 00-0055 EA Factory Installed Sound Proofing (STC 28) In Metal Door.....	114.95	
08 05 13 00-0056 SF For 16 Gauge Steel Metal Plate Bolted On Door.....	25.09	
Note: Includes mounting hardware.		
08 05 13 00-0057 EA Removal And Reinstallation Of Wood Door Frame.....	119.70	
08 05 13 00-0058 EA Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile .....	53.86	
Note: Excludes removal and reinstallation of door.		
08 05 13 00-0059 EA Factory Trim Wood Door Edge For Custom Width .....	77.80	

## 08 10 Doors and Frames (08)

### 08 11 Metal Doors and Frames (08 10)

#### 08 11 13 Hollow Metal Doors and Frames (08 11)

See CSI section 08 12 13 00-0000 for hollow metal frames, 08 13 13 00-0000 for hollow metal doors.

#### 08 11 16 Aluminum Doors and Frames (08 11)

See CSI section 08 12 16 00-0000 for aluminum frames.

#### 08 11 63 Metal Screen and Storm Doors and Frames (08 11)

##### 08 11 63 13 Steel Screen and Storm Doors and Frames (08 11 63)

##### 08 11 63 13-0001 Steel Screen Door (08 11 63 13)

Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 13-0002 EA 2'-8" x 7', Residential, Steel Screen Door With Frame, Trim, Hardware .....	878.15	163.60
08 11 63 13-0003 EA 3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware.....	890.09	169.55
08 11 63 13-0004 EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware.....	1,459.83	169.55

##### 08 11 63 23 Aluminum Screen and Storm Doors and Frames (08 11 63)

##### 08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23)

Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).

08 11 63 23-0002 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware .....	1,118.21	95.19
<i>For Special Finished, Add</i>	105.63	
08 11 63 23-0003 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware .....	1,177.58	95.19
08 11 63 23-0004 EA Aluminum Screen Door.....	322.61	59.46
08 11 63 23-0005 SF Repair Screen Door.....	13.89	

##### 08 11 73 Sliding Metal Fire Doors (08 11)

##### 08 11 73 00-0001 Motor Operated Fire Door With Fusible Link (08 11 73)

Note: 3 hour rating. Excludes electrical hook-up of motor.

08 11 73 00-0002 EA 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	5,103.20	667.00
08 11 73 00-0003 EA 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	5,382.55	667.00
08 11 73 00-0004 EA 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....	5,845.23	667.00
08 11 73 00-0005 EA 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating .....	6,353.68	667.00

### 08 12 Metal Frames (08 10)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

#### 08 12 13 Hollow Metal Frames (08 12)

##### 08 12 13 13 Standard Hollow Metal Frames (08 12 13)

Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.

##### 08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies

##### 08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0003	EA 2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	613.61	89.24
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	52.22	
	<i>For Type 304 Stainless Steel Frame, Add</i>	792.19	
	<i>For Type 316 Stainless Steel Frame, Add</i>	922.74	
	<i>For Baked Enamel Finish, Add</i>	157.31	
	<i>For 18 Gauge Frame, Deduct</i>	-43.52	
	<i>For 14 Gauge Frame, Add</i>	108.79	
	<i>For 12 Gauge Frame, Add</i>	165.36	
08 12 13 13-0004	EA 2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	714.35	98.15
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	62.16	
	<i>For Type 304 Stainless Steel Frame, Add</i>	942.29	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,097.70	
	<i>For Baked Enamel Finish, Add</i>	184.86	
	<i>For 18 Gauge Frame, Deduct</i>	-51.80	
	<i>For 14 Gauge Frame, Add</i>	129.51	
	<i>For 12 Gauge Frame, Add</i>	196.86	
08 12 13 13-0005	EA 2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	734.53	104.10
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	63.16	
	<i>For Type 304 Stainless Steel Frame, Add</i>	957.79	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,115.68	
	<i>For Baked Enamel Finish, Add</i>	189.13	
	<i>For 18 Gauge Frame, Deduct</i>	-52.63	
	<i>For 14 Gauge Frame, Add</i>	131.58	
	<i>For 12 Gauge Frame, Add</i>	200.00	
08 12 13 13-0006	EA 2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	752.38	113.03
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	63.16	
	<i>For Type 304 Stainless Steel Frame, Add</i>	958.68	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,116.58	
	<i>For Baked Enamel Finish, Add</i>	191.81	
	<i>For 18 Gauge Frame, Deduct</i>	-52.63	
	<i>For 14 Gauge Frame, Add</i>	131.58	
	<i>For 12 Gauge Frame, Add</i>	200.00	
08 12 13 13-0007	EA 2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	766.62	116.00
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	64.15	
	<i>For Type 304 Stainless Steel Frame, Add</i>	973.90	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,134.28	
	<i>For Baked Enamel Finish, Add</i>	195.18	
	<i>For 18 Gauge Frame, Deduct</i>	-53.46	
	<i>For 14 Gauge Frame, Add</i>	133.65	
	<i>For 12 Gauge Frame, Add</i>	203.15	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	80.19	
08 12 13 13-0008	EA 3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	780.86	118.98
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	65.15	
	<i>For Type 304 Stainless Steel Frame, Add</i>	989.12	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,151.99	
	<i>For Baked Enamel Finish, Add</i>	198.56	
	<i>For 18 Gauge Frame, Deduct</i>	-54.29	
	<i>For 14 Gauge Frame, Add</i>	135.73	
	<i>For 12 Gauge Frame, Add</i>	206.30	
08 12 13 13-0009	EA 3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	830.05	124.93
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	69.62	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,056.85	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,230.91	
	<i>For Baked Enamel Finish, Add</i>	211.54	
	<i>For 18 Gauge Frame, Deduct</i>	-58.02	
	<i>For 14 Gauge Frame, Add</i>	145.05	
	<i>For 12 Gauge Frame, Add</i>	220.48	
08 12 13 13-0010	EA 3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	841.95	130.88
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	69.62	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,057.45	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,231.51	
	<i>For Baked Enamel Finish, Add</i>	213.32	
	<i>For 18 Gauge Frame, Deduct</i>	-58.02	
	<i>For 14 Gauge Frame, Add</i>	145.05	
	<i>For 12 Gauge Frame, Add</i>	220.48	
08 12 13 13-0011	EA 4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	874.57	136.82
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	72.11	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,095.34	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,275.61	
	<i>For Baked Enamel Finish, Add</i>	221.32	
	<i>For 18 Gauge Frame, Deduct</i>	-60.09	
	<i>For 14 Gauge Frame, Add</i>	150.23	
	<i>For 12 Gauge Frame, Add</i>	228.35	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors and Frames	08 10	
Metal Frames	08 12	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0012 EA 5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	907.19	142.77
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	74.60	
For Type 304 Stainless Steel Frame, Add	1,133.23	
For Type 316 Stainless Steel Frame, Add	1,319.72	
For Baked Enamel Finish, Add	229.32	
For 18 Gauge Frame, Deduct	-62.16	
For 14 Gauge Frame, Add	155.41	
For 12 Gauge Frame, Add	236.22	
08 12 13 13-0013 EA 5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	919.08	148.72
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	74.60	
For Type 304 Stainless Steel Frame, Add	1,133.82	
For Type 316 Stainless Steel Frame, Add	1,320.32	
For Baked Enamel Finish, Add	231.11	
For 18 Gauge Frame, Deduct	-62.16	
For 14 Gauge Frame, Add	155.41	
For 12 Gauge Frame, Add	236.22	
08 12 13 13-0014 EA 5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	935.39	151.70
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	75.84	
For Type 304 Stainless Steel Frame, Add	1,152.77	
For Type 316 Stainless Steel Frame, Add	1,342.37	
For Baked Enamel Finish, Add	235.11	
For 18 Gauge Frame, Deduct	-63.20	
For 14 Gauge Frame, Add	158.00	
For 12 Gauge Frame, Add	240.16	
For Auxiliary Frame Reinforcement For Hinges, Add	94.80	
08 12 13 13-0015 EA 6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	951.70	154.67
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	77.08	
For Type 304 Stainless Steel Frame, Add	1,171.72	
For Type 316 Stainless Steel Frame, Add	1,364.42	
For Baked Enamel Finish, Add	239.11	
For 18 Gauge Frame, Deduct	-64.24	
For 14 Gauge Frame, Add	160.59	
For 12 Gauge Frame, Add	244.10	
08 12 13 13-0016 EA 7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	999.10	157.65
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	82.06	
For Type 304 Stainless Steel Frame, Add	1,246.62	
For Type 316 Stainless Steel Frame, Add	1,451.77	
For Baked Enamel Finish, Add	252.44	
For 18 Gauge Frame, Deduct	-68.38	
For 14 Gauge Frame, Add	170.95	
For 12 Gauge Frame, Add	259.85	
08 12 13 13-0017 EA 8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,046.49	160.62
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	87.03	
For Type 304 Stainless Steel Frame, Add	1,321.51	
For Type 316 Stainless Steel Frame, Add	1,539.09	
For Baked Enamel Finish, Add	265.76	
For 18 Gauge Frame, Deduct	-72.53	
For 14 Gauge Frame, Add	181.31	
For 12 Gauge Frame, Add	275.60	
<b>08 12 13 13-0018 &gt;7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames</b> <small>(08 12 13 13-0001)</small>		
08 12 13 13-0019 EA 2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	661.96	89.24
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	58.02	
For Type 304 Stainless Steel Frame, Add	879.22	
For Type 316 Stainless Steel Frame, Add	1,024.27	
For Baked Enamel Finish, Add	171.82	
For 18 Gauge Frame, Deduct	-48.35	
For 14 Gauge Frame, Add	120.88	
For 12 Gauge Frame, Add	183.73	
08 12 13 13-0020 EA 2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	771.91	98.15
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	69.07	
For Type 304 Stainless Steel Frame, Add	1,045.90	
For Type 316 Stainless Steel Frame, Add	1,218.58	
For Baked Enamel Finish, Add	202.13	
For 18 Gauge Frame, Deduct	-57.56	
For 14 Gauge Frame, Add	143.90	
For 12 Gauge Frame, Add	218.73	
08 12 13 13-0021 EA 2'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	793.01	104.10
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	70.18	
For Type 304 Stainless Steel Frame, Add	1,063.05	
For Type 316 Stainless Steel Frame, Add	1,238.49	
For Baked Enamel Finish, Add	206.67	
For 18 Gauge Frame, Deduct	-58.48	
For 14 Gauge Frame, Add	146.20	
For 12 Gauge Frame, Add	222.22	



## 08 Openings

## 08 10 Doors and Frames

## 08 12 Metal Frames



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	810.86	113.03
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	70.18	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,063.94	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,239.38	
			<i>For Baked Enamel Finish, Add</i>	209.35	
			<i>For 18 Gauge Frame, Deduct</i>	-58.48	
			<i>For 14 Gauge Frame, Add</i>	146.20	
			<i>For 12 Gauge Frame, Add</i>	222.22	
08 12 13	13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	826.02	116.00
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	71.28	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,080.82	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,259.02	
			<i>For Baked Enamel Finish, Add</i>	213.00	
			<i>For 18 Gauge Frame, Deduct</i>	-59.40	
			<i>For 14 Gauge Frame, Add</i>	148.50	
			<i>For 12 Gauge Frame, Add</i>	225.72	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	89.10	
08 12 13	13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	841.18	118.98
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	72.39	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,097.69	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,278.66	
			<i>For Baked Enamel Finish, Add</i>	216.66	
			<i>For 18 Gauge Frame, Deduct</i>	-60.32	
			<i>For 14 Gauge Frame, Add</i>	150.81	
			<i>For 12 Gauge Frame, Add</i>	229.22	
08 12 13	13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	894.52	124.93
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	77.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,172.90	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,366.30	
			<i>For Baked Enamel Finish, Add</i>	230.88	
			<i>For 18 Gauge Frame, Deduct</i>	-64.47	
			<i>For 14 Gauge Frame, Add</i>	161.17	
			<i>For 12 Gauge Frame, Add</i>	244.97	
08 12 13	13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	906.42	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	77.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,173.49	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,366.89	
			<i>For Baked Enamel Finish, Add</i>	232.66	
			<i>For 18 Gauge Frame, Deduct</i>	-64.47	
			<i>For 14 Gauge Frame, Add</i>	161.17	
			<i>For 12 Gauge Frame, Add</i>	244.97	
08 12 13	13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	941.34	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	80.12	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,215.52	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,415.83	
			<i>For Baked Enamel Finish, Add</i>	241.35	
			<i>For 18 Gauge Frame, Deduct</i>	-66.77	
			<i>For 14 Gauge Frame, Add</i>	166.92	
			<i>For 12 Gauge Frame, Add</i>	253.72	
08 12 13	13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	976.26	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	82.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,257.56	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,464.77	
			<i>For Baked Enamel Finish, Add</i>	250.05	
			<i>For 18 Gauge Frame, Deduct</i>	-69.07	
			<i>For 14 Gauge Frame, Add</i>	172.68	
			<i>For 12 Gauge Frame, Add</i>	262.47	
08 12 13	13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	988.15	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	82.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,258.15	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,465.36	
			<i>For Baked Enamel Finish, Add</i>	251.83	
			<i>For 18 Gauge Frame, Deduct</i>	-69.07	
			<i>For 14 Gauge Frame, Add</i>	172.68	
			<i>For 12 Gauge Frame, Add</i>	262.47	
08 12 13	13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,005.62	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	84.27	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,279.18	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,489.85	
			<i>For Baked Enamel Finish, Add</i>	256.18	
			<i>For 18 Gauge Frame, Deduct</i>	-70.22	
			<i>For 14 Gauge Frame, Add</i>	175.56	
			<i>For 12 Gauge Frame, Add</i>	266.85	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	105.33	



<b>Openings</b>	<b>08</b>
Doors and Frames	08 10
Metal Frames	08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,023.08	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	85.65	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,300.20	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,514.32	
			<i>For Baked Enamel Finish, Add</i>	260.52	
			<i>For 18 Gauge Frame, Deduct</i>	-71.37	
			<i>For 14 Gauge Frame, Add</i>	178.44	
			<i>For 12 Gauge Frame, Add</i>	271.22	
08 12 13	13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,075.08	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	91.17	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,383.39	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,611.32	
			<i>For Baked Enamel Finish, Add</i>	275.23	
			<i>For 18 Gauge Frame, Deduct</i>	-75.98	
			<i>For 14 Gauge Frame, Add</i>	189.95	
			<i>For 12 Gauge Frame, Add</i>	288.72	
08 12 13	13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,127.07	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	96.70	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,466.56	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,708.31	
			<i>For Baked Enamel Finish, Add</i>	289.94	
			<i>For 18 Gauge Frame, Deduct</i>	-80.58	
			<i>For 14 Gauge Frame, Add</i>	201.46	
			<i>For 12 Gauge Frame, Add</i>	306.22	
08 12 13	13-0034		5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13)		
			Note: For non-rated or fire rated frame assemblies		
08 12 13	13-0035		6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13	13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	661.96	89.24
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	58.02	
			<i>For Type 304 Stainless Steel Frame, Add</i>	879.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,024.27	
			<i>For Baked Enamel Finish, Add</i>	171.82	
			<i>For 18 Gauge Frame, Deduct</i>	-48.35	
			<i>For 14 Gauge Frame, Add</i>	120.88	
			<i>For 12 Gauge Frame, Add</i>	183.73	
08 12 13	13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	771.90	98.15
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	69.07	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,045.88	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,218.55	
			<i>For Baked Enamel Finish, Add</i>	202.12	
			<i>For 18 Gauge Frame, Deduct</i>	-57.56	
			<i>For 14 Gauge Frame, Add</i>	143.90	
			<i>For 12 Gauge Frame, Add</i>	218.72	
08 12 13	13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	793.01	104.10
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	70.18	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,063.05	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,238.49	
			<i>For Baked Enamel Finish, Add</i>	206.67	
			<i>For 18 Gauge Frame, Deduct</i>	-58.48	
			<i>For 14 Gauge Frame, Add</i>	146.20	
			<i>For 12 Gauge Frame, Add</i>	222.22	
08 12 13	13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	810.86	113.03
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	70.18	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,063.94	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,239.38	
			<i>For Baked Enamel Finish, Add</i>	209.35	
			<i>For 18 Gauge Frame, Deduct</i>	-58.48	
			<i>For 14 Gauge Frame, Add</i>	146.20	
			<i>For 12 Gauge Frame, Add</i>	222.22	
08 12 13	13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	826.02	116.00
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	71.28	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,080.82	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,259.02	
			<i>For Baked Enamel Finish, Add</i>	213.00	
			<i>For 18 Gauge Frame, Deduct</i>	-59.40	
			<i>For 14 Gauge Frame, Add</i>	148.50	
			<i>For 12 Gauge Frame, Add</i>	225.72	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	89.10	

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0041	EA		3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	841.18	118.98
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	72.39	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,097.69	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,278.66	
			<i>For Baked Enamel Finish, Add</i>	216.66	
			<i>For 18 Gauge Frame, Deduct</i>	-60.32	
			<i>For 14 Gauge Frame, Add</i>	150.81	
			<i>For 12 Gauge Frame, Add</i>	229.22	
08 12 13 13-0042	EA		3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	894.52	124.93
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	77.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,172.90	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,366.30	
			<i>For Baked Enamel Finish, Add</i>	230.88	
			<i>For 18 Gauge Frame, Deduct</i>	-64.47	
			<i>For 14 Gauge Frame, Add</i>	161.17	
			<i>For 12 Gauge Frame, Add</i>	244.97	
08 12 13 13-0043	EA		3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	906.42	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	77.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,173.49	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,366.89	
			<i>For Baked Enamel Finish, Add</i>	232.66	
			<i>For 18 Gauge Frame, Deduct</i>	-64.47	
			<i>For 14 Gauge Frame, Add</i>	161.17	
			<i>For 12 Gauge Frame, Add</i>	244.97	
08 12 13 13-0044	EA		4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	941.34	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	80.12	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,215.52	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,415.83	
			<i>For Baked Enamel Finish, Add</i>	241.35	
			<i>For 18 Gauge Frame, Deduct</i>	-66.77	
			<i>For 14 Gauge Frame, Add</i>	166.92	
			<i>For 12 Gauge Frame, Add</i>	253.72	
08 12 13 13-0045	EA		5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	976.26	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	82.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,257.56	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,464.77	
			<i>For Baked Enamel Finish, Add</i>	250.05	
			<i>For 18 Gauge Frame, Deduct</i>	-69.07	
			<i>For 14 Gauge Frame, Add</i>	172.68	
			<i>For 12 Gauge Frame, Add</i>	262.47	
08 12 13 13-0046	EA		5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	988.15	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	82.89	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,258.15	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,465.36	
			<i>For Baked Enamel Finish, Add</i>	251.83	
			<i>For 18 Gauge Frame, Deduct</i>	-69.07	
			<i>For 14 Gauge Frame, Add</i>	172.68	
			<i>For 12 Gauge Frame, Add</i>	262.47	
08 12 13 13-0047	EA		5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,005.62	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	84.27	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,279.18	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,489.85	
			<i>For Baked Enamel Finish, Add</i>	256.18	
			<i>For 18 Gauge Frame, Deduct</i>	-70.22	
			<i>For 14 Gauge Frame, Add</i>	175.56	
			<i>For 12 Gauge Frame, Add</i>	266.85	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	105.33	
08 12 13 13-0048	EA		6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,023.08	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	85.65	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,300.20	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,514.32	
			<i>For Baked Enamel Finish, Add</i>	260.52	
			<i>For 18 Gauge Frame, Deduct</i>	-71.37	
			<i>For 14 Gauge Frame, Add</i>	178.44	
			<i>For 12 Gauge Frame, Add</i>	271.22	
08 12 13 13-0049	EA		7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,075.08	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	91.17	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,383.39	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,611.32	
			<i>For Baked Enamel Finish, Add</i>	275.23	
			<i>For 18 Gauge Frame, Deduct</i>	-75.98	
			<i>For 14 Gauge Frame, Add</i>	189.95	
			<i>For 12 Gauge Frame, Add</i>	288.72	



	<b>Openings</b>	<b>08</b>
	Doors and Frames	08 10
	Metal Frames	08 12

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0050	EA	8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,127.07 253.67 96.70 1,466.56 1,708.31 289.94 -80.58 201.46 306.22	160.62
08 12 13	13-0051		>7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0034)</small>		
08 12 13	13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	715.68 253.67 64.47 975.92 1,137.09 187.94 -53.72 134.31 204.14	89.24
08 12 13	13-0053	EA	2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	835.86 253.67 76.75 1,161.01 1,352.87 221.31 -63.96 159.89 243.03	98.15
08 12 13	13-0054	EA	2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	857.99 253.67 77.97 1,180.01 1,374.95 226.17 -64.98 162.45 246.92	104.10
08 12 13	13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	875.84 253.67 77.97 1,180.91 1,375.84 228.84 -64.98 162.45 246.92	113.03
08 12 13	13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Auxiliary Frame Reinforcement For Hinges, Add	892.03 253.67 79.20 1,199.64 1,397.64 232.81 -66.00 165.01 250.81 99.00	116.00
08 12 13	13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	908.21 253.67 80.43 1,218.35 1,419.42 236.77 -67.03 167.56 254.70	118.98
08 12 13	13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	966.15 253.67 85.96 1,301.83 1,516.72 252.37 -71.63 179.08 272.19	124.93
08 12 13	13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame ..... For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	978.05 253.67 85.96 1,302.43 1,517.32 254.15 -71.63 179.08 272.19	130.88

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0060	EA		4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,015.53	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	89.03	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,349.07	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,571.63	
			<i>For Baked Enamel Finish, Add</i>	263.61	
			<i>For 18 Gauge Frame, Deduct</i>	-74.19	
			<i>For 14 Gauge Frame, Add</i>	185.47	
			<i>For 12 Gauge Frame, Add</i>	281.91	
08 12 13 13-0061	EA		5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,053.01	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	92.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,395.71	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,625.94	
			<i>For Baked Enamel Finish, Add</i>	273.07	
			<i>For 18 Gauge Frame, Deduct</i>	-76.75	
			<i>For 14 Gauge Frame, Add</i>	191.87	
			<i>For 12 Gauge Frame, Add</i>	291.63	
08 12 13 13-0062	EA		5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,064.90	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	92.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,396.30	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,626.54	
			<i>For Baked Enamel Finish, Add</i>	274.85	
			<i>For 18 Gauge Frame, Deduct</i>	-76.75	
			<i>For 14 Gauge Frame, Add</i>	191.87	
			<i>For 12 Gauge Frame, Add</i>	291.63	
08 12 13 13-0063	EA		5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,083.64	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	93.63	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,419.62	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,653.69	
			<i>For Baked Enamel Finish, Add</i>	279.58	
			<i>For 18 Gauge Frame, Deduct</i>	-78.03	
			<i>For 14 Gauge Frame, Add</i>	195.06	
			<i>For 12 Gauge Frame, Add</i>	296.50	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	117.04	
08 12 13 13-0064	EA		6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,102.38	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	95.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,442.94	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,680.85	
			<i>For Baked Enamel Finish, Add</i>	284.31	
			<i>For 18 Gauge Frame, Deduct</i>	-79.30	
			<i>For 14 Gauge Frame, Add</i>	198.26	
			<i>For 12 Gauge Frame, Add</i>	301.36	
08 12 13 13-0065	EA		7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,159.50	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	101.31	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,535.34	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,788.61	
			<i>For Baked Enamel Finish, Add</i>	300.56	
			<i>For 18 Gauge Frame, Deduct</i>	-84.42	
			<i>For 14 Gauge Frame, Add</i>	211.05	
			<i>For 12 Gauge Frame, Add</i>	320.80	
08 12 13 13-0066	EA		8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,216.61	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	107.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,627.73	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,896.34	
			<i>For Baked Enamel Finish, Add</i>	316.80	
			<i>For 18 Gauge Frame, Deduct</i>	-89.54	
			<i>For 14 Gauge Frame, Add</i>	223.84	
			<i>For 12 Gauge Frame, Add</i>	340.24	
08 12 13 13-0067			6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0068			6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0067)</small>		
08 12 13 13-0069	EA		2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	943.89	89.24
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	91.85	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,386.70	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,616.33	
			<i>For Baked Enamel Finish, Add</i>	256.40	
			<i>For 18 Gauge Frame, Deduct</i>	-76.54	
			<i>For 14 Gauge Frame, Add</i>	191.36	
			<i>For 12 Gauge Frame, Add</i>	290.86	



	<b>Openings</b>	<b>08</b>
	Doors and Frames	08 10
	Metal Frames	08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0070	EA	2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,107.54	98.15
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	109.35	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,650.03	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,923.40	
			<i>For Baked Enamel Finish, Add</i>	302.82	
			<i>For 18 Gauge Frame, Deduct</i>	-91.12	
			<i>For 14 Gauge Frame, Add</i>	227.81	
			<i>For 12 Gauge Frame, Add</i>	346.27	
08 12 13	13-0071	EA	2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,134.02	104.10
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	111.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,676.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,954.61	
			<i>For Baked Enamel Finish, Add</i>	308.97	
			<i>For 18 Gauge Frame, Deduct</i>	-92.58	
			<i>For 14 Gauge Frame, Add</i>	231.45	
			<i>For 12 Gauge Frame, Add</i>	351.81	
08 12 13	13-0072	EA	2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,151.87	113.03
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	111.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,677.76	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,955.50	
			<i>For Baked Enamel Finish, Add</i>	311.65	
			<i>For 18 Gauge Frame, Deduct</i>	-92.58	
			<i>For 14 Gauge Frame, Add</i>	231.45	
			<i>For 12 Gauge Frame, Add</i>	351.81	
08 12 13	13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,172.40	116.00
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	112.85	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,704.30	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,986.42	
			<i>For Baked Enamel Finish, Add</i>	316.92	
			<i>For 18 Gauge Frame, Deduct</i>	-94.04	
			<i>For 14 Gauge Frame, Add</i>	235.10	
			<i>For 12 Gauge Frame, Add</i>	357.35	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	141.06	
08 12 13	13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,192.93	118.98
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	114.60	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,730.84	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,017.34	
			<i>For Baked Enamel Finish, Add</i>	322.19	
			<i>For 18 Gauge Frame, Deduct</i>	-95.50	
			<i>For 14 Gauge Frame, Add</i>	238.74	
			<i>For 12 Gauge Frame, Add</i>	362.89	
08 12 13	13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,270.43	124.93
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	122.47	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,849.54	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,155.71	
			<i>For Baked Enamel Finish, Add</i>	343.65	
			<i>For 18 Gauge Frame, Deduct</i>	-102.06	
			<i>For 14 Gauge Frame, Add</i>	255.15	
			<i>For 12 Gauge Frame, Add</i>	387.82	
08 12 13	13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,282.33	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	122.47	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,850.13	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,156.31	
			<i>For Baked Enamel Finish, Add</i>	345.44	
			<i>For 18 Gauge Frame, Deduct</i>	-102.06	
			<i>For 14 Gauge Frame, Add</i>	255.15	
			<i>For 12 Gauge Frame, Add</i>	387.82	
08 12 13	13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,330.68	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	126.84	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,916.34	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,233.45	
			<i>For Baked Enamel Finish, Add</i>	358.16	
			<i>For 18 Gauge Frame, Deduct</i>	-105.70	
			<i>For 14 Gauge Frame, Add</i>	264.26	
			<i>For 12 Gauge Frame, Add</i>	401.67	
08 12 13	13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,379.03	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	131.22	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,982.54	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,310.59	
			<i>For Baked Enamel Finish, Add</i>	370.88	
			<i>For 18 Gauge Frame, Deduct</i>	-109.35	
			<i>For 14 Gauge Frame, Add</i>	273.37	
			<i>For 12 Gauge Frame, Add</i>	415.52	



**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0079	EA		5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,390.92	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	131.22	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,983.14	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,311.18	
			<i>For Baked Enamel Finish, Add</i>	372.66	
			<i>For 18 Gauge Frame, Deduct</i>	-109.35	
			<i>For 14 Gauge Frame, Add</i>	273.37	
			<i>For 12 Gauge Frame, Add</i>	415.52	
08 12 13 13-0080	EA		5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,415.09	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	133.40	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,016.23	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,349.74	
			<i>For Baked Enamel Finish, Add</i>	379.02	
			<i>For 18 Gauge Frame, Deduct</i>	-111.17	
			<i>For 14 Gauge Frame, Add</i>	277.93	
			<i>For 12 Gauge Frame, Add</i>	422.45	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	166.76	
08 12 13 13-0081	EA		6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,439.26	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	135.59	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,049.32	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,388.30	
			<i>For Baked Enamel Finish, Add</i>	385.38	
			<i>For 18 Gauge Frame, Deduct</i>	-112.99	
			<i>For 14 Gauge Frame, Add</i>	282.48	
			<i>For 12 Gauge Frame, Add</i>	429.37	
08 12 13 13-0082	EA		7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,518.10	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	144.34	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,180.82	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,541.67	
			<i>For Baked Enamel Finish, Add</i>	408.14	
			<i>For 18 Gauge Frame, Deduct</i>	-120.28	
			<i>For 14 Gauge Frame, Add</i>	300.70	
			<i>For 12 Gauge Frame, Add</i>	457.07	
08 12 13 13-0083	EA		8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,596.96	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	153.09	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,312.36	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,695.07	
			<i>For Baked Enamel Finish, Add</i>	430.90	
			<i>For 18 Gauge Frame, Deduct</i>	-127.57	
			<i>For 14 Gauge Frame, Add</i>	318.93	
			<i>For 12 Gauge Frame, Add</i>	484.77	
08 12 13 13-0084			<b>&gt;7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames</b> <small>(08 12 13 13-0067)</small>		
08 12 13 13-0085	EA		2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,028.94	89.24
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	102.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,539.79	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,794.93	
			<i>For Baked Enamel Finish, Add</i>	281.91	
			<i>For 18 Gauge Frame, Deduct</i>	-85.05	
			<i>For 14 Gauge Frame, Add</i>	212.62	
			<i>For 12 Gauge Frame, Add</i>	323.18	
08 12 13 13-0086	EA		2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,208.79	98.15
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	121.50	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,832.28	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,136.02	
			<i>For Baked Enamel Finish, Add</i>	333.19	
			<i>For 18 Gauge Frame, Deduct</i>	-101.25	
			<i>For 14 Gauge Frame, Add</i>	253.12	
			<i>For 12 Gauge Frame, Add</i>	384.74	
08 12 13 13-0087	EA		2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,236.89	104.10
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	123.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,862.03	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,170.64	
			<i>For Baked Enamel Finish, Add</i>	339.84	
			<i>For 18 Gauge Frame, Deduct</i>	-102.87	
			<i>For 14 Gauge Frame, Add</i>	257.17	
			<i>For 12 Gauge Frame, Add</i>	390.90	
08 12 13 13-0088	EA		2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,254.74	113.03
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	123.44	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,862.93	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,171.53	
			<i>For Baked Enamel Finish, Add</i>	342.51	
			<i>For 18 Gauge Frame, Deduct</i>	-102.87	
			<i>For 14 Gauge Frame, Add</i>	257.17	
			<i>For 12 Gauge Frame, Add</i>	390.90	



	<b>Openings</b>	<b>08</b>
	Doors and Frames	08 10
	Metal Frames	08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0089	EA		2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,276.89	116.00
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	125.39	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,892.38	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,205.85	
			<i>For Baked Enamel Finish, Add</i>	348.27	
			<i>For 18 Gauge Frame, Deduct</i>	-104.49	
			<i>For 14 Gauge Frame, Add</i>	261.22	
			<i>For 12 Gauge Frame, Add</i>	397.05	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	156.73	
08 12 13 13-0090	EA		3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,299.04	118.98
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	127.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,921.84	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,240.17	
			<i>For Baked Enamel Finish, Add</i>	354.02	
			<i>For 18 Gauge Frame, Deduct</i>	-106.11	
			<i>For 14 Gauge Frame, Add</i>	265.27	
			<i>For 12 Gauge Frame, Add</i>	403.21	
08 12 13 13-0091	EA		3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,383.82	124.93
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	136.08	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,053.64	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,393.83	
			<i>For Baked Enamel Finish, Add</i>	377.67	
			<i>For 18 Gauge Frame, Deduct</i>	-113.40	
			<i>For 14 Gauge Frame, Add</i>	283.49	
			<i>For 12 Gauge Frame, Add</i>	430.91	
08 12 13 13-0092	EA		3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,395.72	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	136.08	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,054.23	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,394.42	
			<i>For Baked Enamel Finish, Add</i>	379.45	
			<i>For 18 Gauge Frame, Deduct</i>	-113.40	
			<i>For 14 Gauge Frame, Add</i>	283.49	
			<i>For 12 Gauge Frame, Add</i>	430.91	
08 12 13 13-0093	EA		4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,448.12	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	140.94	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,127.73	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,480.07	
			<i>For Baked Enamel Finish, Add</i>	393.39	
			<i>For 18 Gauge Frame, Deduct</i>	-117.45	
			<i>For 14 Gauge Frame, Add</i>	293.62	
			<i>For 12 Gauge Frame, Add</i>	446.30	
08 12 13 13-0094	EA		5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,500.52	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	145.80	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,201.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,565.71	
			<i>For Baked Enamel Finish, Add</i>	407.32	
			<i>For 18 Gauge Frame, Deduct</i>	-121.50	
			<i>For 14 Gauge Frame, Add</i>	303.74	
			<i>For 12 Gauge Frame, Add</i>	461.69	
08 12 13 13-0095	EA		5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,512.41	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	145.80	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,201.82	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,566.31	
			<i>For Baked Enamel Finish, Add</i>	409.11	
			<i>For 18 Gauge Frame, Deduct</i>	-121.50	
			<i>For 14 Gauge Frame, Add</i>	303.74	
			<i>For 12 Gauge Frame, Add</i>	461.69	
08 12 13 13-0096	EA		5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,538.61	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	148.23	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,238.57	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,609.13	
			<i>For Baked Enamel Finish, Add</i>	416.07	
			<i>For 18 Gauge Frame, Deduct</i>	-123.52	
			<i>For 14 Gauge Frame, Add</i>	308.81	
			<i>For 12 Gauge Frame, Add</i>	469.38	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	185.28	
08 12 13 13-0097	EA		6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,564.81	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	150.66	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,275.31	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,651.95	
			<i>For Baked Enamel Finish, Add</i>	423.04	
			<i>For 18 Gauge Frame, Deduct</i>	-125.55	
			<i>For 14 Gauge Frame, Add</i>	313.87	
			<i>For 12 Gauge Frame, Add</i>	477.08	

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0098	EA		7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,651.74	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	160.37	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,421.37	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,822.31	
			<i>For Baked Enamel Finish, Add</i>	448.23	
			<i>For 18 Gauge Frame, Deduct</i>	-133.65	
			<i>For 14 Gauge Frame, Add</i>	334.11	
			<i>For 12 Gauge Frame, Add</i>	507.85	
08 12 13 13-0099	EA		8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,738.71	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	170.10	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,567.51	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,992.75	
			<i>For Baked Enamel Finish, Add</i>	473.43	
			<i>For 18 Gauge Frame, Deduct</i>	-141.75	
			<i>For 14 Gauge Frame, Add</i>	354.37	
			<i>For 12 Gauge Frame, Add</i>	538.64	
08 12 13 13-0100			6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0101			6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
08 12 13 13-0102	EA		2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,001.30	89.24
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	98.74	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,490.04	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,736.89	
			<i>For Baked Enamel Finish, Add</i>	273.62	
			<i>For 18 Gauge Frame, Deduct</i>	-82.28	
			<i>For 14 Gauge Frame, Add</i>	205.71	
			<i>For 12 Gauge Frame, Add</i>	312.68	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	123.43	
08 12 13 13-0103	EA		2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,175.88	98.15
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	117.55	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,773.04	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,066.91	
			<i>For Baked Enamel Finish, Add</i>	323.32	
			<i>For 18 Gauge Frame, Deduct</i>	-97.96	
			<i>For 14 Gauge Frame, Add</i>	244.89	
			<i>For 12 Gauge Frame, Add</i>	372.24	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	146.94	
08 12 13 13-0104	EA		2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,203.46	104.10
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	119.43	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,801.86	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,100.44	
			<i>For Baked Enamel Finish, Add</i>	329.81	
			<i>For 18 Gauge Frame, Deduct</i>	-99.53	
			<i>For 14 Gauge Frame, Add</i>	248.81	
			<i>For 12 Gauge Frame, Add</i>	378.20	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	149.29	
08 12 13 13-0105	EA		2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,221.31	113.03
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	119.43	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,802.75	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,101.33	
			<i>For Baked Enamel Finish, Add</i>	332.48	
			<i>For 18 Gauge Frame, Deduct</i>	-99.53	
			<i>For 14 Gauge Frame, Add</i>	248.81	
			<i>For 12 Gauge Frame, Add</i>	378.20	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	149.29	
08 12 13 13-0106	EA		2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,242.93	116.00
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	121.31	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,831.26	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,134.53	
			<i>For Baked Enamel Finish, Add</i>	338.08	
			<i>For 18 Gauge Frame, Deduct</i>	-101.09	
			<i>For 14 Gauge Frame, Add</i>	252.73	
			<i>For 12 Gauge Frame, Add</i>	384.15	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	151.64	
08 12 13 13-0107	EA		3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,264.55	118.98
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	123.19	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,859.76	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,167.74	
			<i>For Baked Enamel Finish, Add</i>	343.67	
			<i>For 18 Gauge Frame, Deduct</i>	-102.66	
			<i>For 14 Gauge Frame, Add</i>	256.65	
			<i>For 12 Gauge Frame, Add</i>	390.10	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	153.99	



	<b>Openings</b>	<b>08</b>
	Doors and Frames	08 10
	Metal Frames	08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,346.97	124.93
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	131.65	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,987.31	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,316.44	
			<i>For Baked Enamel Finish, Add</i>	366.61	
			<i>For 18 Gauge Frame, Deduct</i>	-109.71	
			<i>For 14 Gauge Frame, Add</i>	274.28	
			<i>For 12 Gauge Frame, Add</i>	416.91	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	164.57	
08 12 13	13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,358.87	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	131.65	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,987.90	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,317.04	
			<i>For Baked Enamel Finish, Add</i>	368.40	
			<i>For 18 Gauge Frame, Deduct</i>	-109.71	
			<i>For 14 Gauge Frame, Add</i>	274.28	
			<i>For 12 Gauge Frame, Add</i>	416.91	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	164.57	
08 12 13	13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,409.95	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	136.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,059.02	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,399.91	
			<i>For Baked Enamel Finish, Add</i>	381.94	
			<i>For 18 Gauge Frame, Deduct</i>	-113.63	
			<i>For 14 Gauge Frame, Add</i>	284.08	
			<i>For 12 Gauge Frame, Add</i>	431.79	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	170.45	
08 12 13	13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,461.04	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	141.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,130.16	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,482.81	
			<i>For Baked Enamel Finish, Add</i>	395.48	
			<i>For 18 Gauge Frame, Deduct</i>	-117.55	
			<i>For 14 Gauge Frame, Add</i>	293.87	
			<i>For 12 Gauge Frame, Add</i>	446.69	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	176.32	
08 12 13	13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,472.93	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	141.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,130.75	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,483.40	
			<i>For Baked Enamel Finish, Add</i>	397.26	
			<i>For 18 Gauge Frame, Deduct</i>	-117.55	
			<i>For 14 Gauge Frame, Add</i>	293.87	
			<i>For 12 Gauge Frame, Add</i>	446.69	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	176.32	
08 12 13	13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,498.47	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	143.41	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,166.31	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,524.84	
			<i>For Baked Enamel Finish, Add</i>	404.03	
			<i>For 18 Gauge Frame, Deduct</i>	-119.51	
			<i>For 14 Gauge Frame, Add</i>	298.77	
			<i>For 12 Gauge Frame, Add</i>	454.13	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	179.26	
08 12 13	13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,524.01	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	145.76	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,201.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,566.27	
			<i>For Baked Enamel Finish, Add</i>	410.80	
			<i>For 18 Gauge Frame, Deduct</i>	-121.47	
			<i>For 14 Gauge Frame, Add</i>	303.67	
			<i>For 12 Gauge Frame, Add</i>	461.57	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	182.20	
08 12 13	13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,608.32	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	155.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,343.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,731.13	
			<i>For Baked Enamel Finish, Add</i>	435.20	
			<i>For 18 Gauge Frame, Deduct</i>	-129.30	
			<i>For 14 Gauge Frame, Add</i>	323.26	
			<i>For 12 Gauge Frame, Add</i>	491.35	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	193.95	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 12</b>	<b>Metal Frames</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0116	EA 8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,692.64	160.62
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	164.57	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,484.58	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,896.00	
	<i>For Baked Enamel Finish, Add</i>	459.61	
	<i>For 18 Gauge Frame, Deduct</i>	-137.14	
	<i>For 14 Gauge Frame, Add</i>	342.85	
	<i>For 12 Gauge Frame, Add</i>	521.13	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	205.71	
08 12 13 13-0117	>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
08 12 13 13-0118	EA 2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,092.73	89.24
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	109.71	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,654.61	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,928.89	
	<i>For Baked Enamel Finish, Add</i>	301.05	
	<i>For 18 Gauge Frame, Deduct</i>	-91.43	
	<i>For 14 Gauge Frame, Add</i>	228.57	
	<i>For 12 Gauge Frame, Add</i>	347.42	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	137.14	
08 12 13 13-0119	EA 2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,284.72	98.15
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	130.61	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,968.95	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,295.48	
	<i>For Baked Enamel Finish, Add</i>	355.97	
	<i>For 18 Gauge Frame, Deduct</i>	-108.84	
	<i>For 14 Gauge Frame, Add</i>	272.10	
	<i>For 12 Gauge Frame, Add</i>	413.60	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	163.26	
08 12 13 13-0120	EA 2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,314.04	104.10
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	132.70	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,000.90	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,332.65	
	<i>For Baked Enamel Finish, Add</i>	362.98	
	<i>For 18 Gauge Frame, Deduct</i>	-110.58	
	<i>For 14 Gauge Frame, Add</i>	276.46	
	<i>For 12 Gauge Frame, Add</i>	420.22	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	165.87	
08 12 13 13-0121	EA 2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,331.89	113.03
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	132.70	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,001.80	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,333.55	
	<i>For Baked Enamel Finish, Add</i>	365.66	
	<i>For 18 Gauge Frame, Deduct</i>	-110.58	
	<i>For 14 Gauge Frame, Add</i>	276.46	
	<i>For 12 Gauge Frame, Add</i>	420.22	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	165.87	
08 12 13 13-0122	EA 2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,355.25	116.00
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	134.79	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,033.43	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,370.40	
	<i>For Baked Enamel Finish, Add</i>	371.77	
	<i>For 18 Gauge Frame, Deduct</i>	-112.32	
	<i>For 14 Gauge Frame, Add</i>	280.81	
	<i>For 12 Gauge Frame, Add</i>	426.83	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	168.49	
08 12 13 13-0123	EA 3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,378.62	118.98
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	136.88	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,065.09	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,407.28	
	<i>For Baked Enamel Finish, Add</i>	377.89	
	<i>For 18 Gauge Frame, Deduct</i>	-114.07	
	<i>For 14 Gauge Frame, Add</i>	285.17	
	<i>For 12 Gauge Frame, Add</i>	433.45	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	171.10	
08 12 13 13-0124	EA 3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,468.87	124.93
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	146.28	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,206.73	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,572.43	
	<i>For Baked Enamel Finish, Add</i>	403.18	
	<i>For 18 Gauge Frame, Deduct</i>	-121.90	
	<i>For 14 Gauge Frame, Add</i>	304.76	
	<i>For 12 Gauge Frame, Add</i>	463.23	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	182.85	



	<b>Openings</b>	<b>08</b>
	<b>Doors and Frames</b>	<b>08 10</b>
	<b>Metal Frames</b>	<b>08 12</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0125	EA		3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,480.77	130.88
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	146.28	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,207.32	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,573.03	
			<i>For Baked Enamel Finish, Add</i>	404.97	
			<i>For 18 Gauge Frame, Deduct</i>	-121.90	
			<i>For 14 Gauge Frame, Add</i>	304.76	
			<i>For 12 Gauge Frame, Add</i>	463.23	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	182.85	
08 12 13 13-0126	EA		4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,536.21	136.82
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	151.51	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,286.29	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,665.06	
			<i>For Baked Enamel Finish, Add</i>	419.82	
			<i>For 18 Gauge Frame, Deduct</i>	-126.26	
			<i>For 14 Gauge Frame, Add</i>	315.64	
			<i>For 12 Gauge Frame, Add</i>	479.77	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	189.38	
08 12 13 13-0127	EA		5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,591.65	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	156.73	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,365.26	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,757.09	
			<i>For Baked Enamel Finish, Add</i>	434.66	
			<i>For 18 Gauge Frame, Deduct</i>	-130.61	
			<i>For 14 Gauge Frame, Add</i>	326.53	
			<i>For 12 Gauge Frame, Add</i>	496.32	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	195.92	
08 12 13 13-0128	EA		5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,603.54	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	156.73	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,365.85	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,757.68	
			<i>For Baked Enamel Finish, Add</i>	436.45	
			<i>For 18 Gauge Frame, Deduct</i>	-130.61	
			<i>For 14 Gauge Frame, Add</i>	326.53	
			<i>For 12 Gauge Frame, Add</i>	496.32	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	195.92	
08 12 13 13-0129	EA		5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,631.25	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	159.34	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,405.32	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,803.68	
			<i>For Baked Enamel Finish, Add</i>	443.87	
			<i>For 18 Gauge Frame, Deduct</i>	-132.79	
			<i>For 14 Gauge Frame, Add</i>	331.97	
			<i>For 12 Gauge Frame, Add</i>	504.59	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	199.18	
08 12 13 13-0130	EA		6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,658.97	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	161.96	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,444.80	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,849.69	
			<i>For Baked Enamel Finish, Add</i>	451.29	
			<i>For 18 Gauge Frame, Deduct</i>	-134.96	
			<i>For 14 Gauge Frame, Add</i>	337.41	
			<i>For 12 Gauge Frame, Add</i>	512.86	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	202.44	
08 12 13 13-0131	EA		7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,751.98	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	172.40	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,601.81	
			<i>For Type 316 Stainless Steel Frame, Add</i>	3,032.81	
			<i>For Baked Enamel Finish, Add</i>	478.30	
			<i>For 18 Gauge Frame, Deduct</i>	-143.67	
			<i>For 14 Gauge Frame, Add</i>	359.17	
			<i>For 12 Gauge Frame, Add</i>	545.94	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	215.50	
08 12 13 13-0132	EA		8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,845.02	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	182.85	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,758.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	3,216.00	
			<i>For Baked Enamel Finish, Add</i>	505.32	
			<i>For 18 Gauge Frame, Deduct</i>	-152.38	
			<i>For 14 Gauge Frame, Add</i>	380.95	
			<i>For 12 Gauge Frame, Add</i>	579.04	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	228.57	

08 12 13 13-0133 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door  
Frames (08 12 13 13)

Note: For non-rated or fire rated frame assemblies



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 12</b>	<b>Metal Frames</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

08 12 13 13-0134	<b>6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames</b> <small>(08 12 13 13-0133)</small>		
08 12 13 13-0135	EA 2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,039.57	89.24
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	103.33	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,558.92	
	<i>For Type 316 Stainless Steel Frame, Add</i>	1,817.25	
	<i>For Baked Enamel Finish, Add</i>	285.10	
	<i>For 18 Gauge Frame, Deduct</i>	-86.11	
	<i>For 14 Gauge Frame, Add</i>	215.28	
	<i>For 12 Gauge Frame, Add</i>	327.22	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	129.17	
08 12 13 13-0136	EA 2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,221.44	98.15
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	123.02	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,855.05	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,162.59	
	<i>For Baked Enamel Finish, Add</i>	336.99	
	<i>For 18 Gauge Frame, Deduct</i>	-102.51	
	<i>For 14 Gauge Frame, Add</i>	256.28	
	<i>For 12 Gauge Frame, Add</i>	389.55	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	153.77	
08 12 13 13-0137	EA 2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,249.75	104.10
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	124.98	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,885.18	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,197.64	
	<i>For Baked Enamel Finish, Add</i>	343.69	
	<i>For 18 Gauge Frame, Deduct</i>	-104.15	
	<i>For 14 Gauge Frame, Add</i>	260.39	
	<i>For 12 Gauge Frame, Add</i>	395.79	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	156.23	
08 12 13 13-0138	EA 2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,267.60	113.03
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	124.98	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,886.08	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,198.54	
	<i>For Baked Enamel Finish, Add</i>	346.37	
	<i>For 18 Gauge Frame, Deduct</i>	-104.15	
	<i>For 14 Gauge Frame, Add</i>	260.39	
	<i>For 12 Gauge Frame, Add</i>	395.79	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	156.23	
08 12 13 13-0139	EA 2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,289.95	116.00
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	126.95	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,915.89	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,233.27	
	<i>For Baked Enamel Finish, Add</i>	352.18	
	<i>For 18 Gauge Frame, Deduct</i>	-105.79	
	<i>For 14 Gauge Frame, Add</i>	264.49	
	<i>For 12 Gauge Frame, Add</i>	402.02	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	158.69	
08 12 13 13-0140	EA 3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,312.30	118.98
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	128.92	
	<i>For Type 304 Stainless Steel Frame, Add</i>	1,945.71	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,268.01	
	<i>For Baked Enamel Finish, Add</i>	358.00	
	<i>For 18 Gauge Frame, Deduct</i>	-107.43	
	<i>For 14 Gauge Frame, Add</i>	268.59	
	<i>For 12 Gauge Frame, Add</i>	408.25	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	161.15	
08 12 13 13-0141	EA 3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,398.00	124.93
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	137.78	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,079.16	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,423.61	
	<i>For Baked Enamel Finish, Add</i>	381.92	
	<i>For 18 Gauge Frame, Deduct</i>	-114.82	
	<i>For 14 Gauge Frame, Add</i>	287.04	
	<i>For 12 Gauge Frame, Add</i>	436.30	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	172.22	
08 12 13 13-0142	EA 3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,409.90	130.88
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	137.78	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,079.76	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,424.20	
	<i>For Baked Enamel Finish, Add</i>	383.71	
	<i>For 18 Gauge Frame, Deduct</i>	-114.82	
	<i>For 14 Gauge Frame, Add</i>	287.04	
	<i>For 12 Gauge Frame, Add</i>	436.30	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	172.22	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors and Frames	08 10	
Metal Frames	08 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143 EA 4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,462.80	136.82
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	142.70	
For Type 304 Stainless Steel Frame, Add	2,154.15	
For Type 316 Stainless Steel Frame, Add	2,510.90	
For Baked Enamel Finish, Add	397.79	
For 18 Gauge Frame, Deduct	-118.92	
For 14 Gauge Frame, Add	297.29	
For 12 Gauge Frame, Add	451.88	
For Auxiliary Frame Reinforcement For Hinges, Add	178.37	
08 12 13 13-0144 EA 5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,515.71	142.77
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	147.62	
For Type 304 Stainless Steel Frame, Add	2,228.57	
For Type 316 Stainless Steel Frame, Add	2,597.61	
For Baked Enamel Finish, Add	411.88	
For 18 Gauge Frame, Deduct	-123.02	
For 14 Gauge Frame, Add	307.54	
For 12 Gauge Frame, Add	467.46	
For Auxiliary Frame Reinforcement For Hinges, Add	184.52	
08 12 13 13-0145 EA 5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,527.60	148.72
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	147.62	
For Type 304 Stainless Steel Frame, Add	2,229.16	
For Type 316 Stainless Steel Frame, Add	2,598.21	
For Baked Enamel Finish, Add	413.66	
For 18 Gauge Frame, Deduct	-123.02	
For 14 Gauge Frame, Add	307.54	
For 12 Gauge Frame, Add	467.46	
For Auxiliary Frame Reinforcement For Hinges, Add	184.52	
08 12 13 13-0146 EA 5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,554.05	151.70
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	150.08	
For Type 304 Stainless Steel Frame, Add	2,266.36	
For Type 316 Stainless Steel Frame, Add	2,641.56	
For Baked Enamel Finish, Add	420.71	
For 18 Gauge Frame, Deduct	-125.07	
For 14 Gauge Frame, Add	312.67	
For 12 Gauge Frame, Add	475.25	
For Auxiliary Frame Reinforcement For Hinges, Add	187.60	
08 12 13 13-0147 EA 6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,580.51	154.67
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	152.54	
For Type 304 Stainless Steel Frame, Add	2,303.57	
For Type 316 Stainless Steel Frame, Add	2,684.92	
For Baked Enamel Finish, Add	427.75	
For 18 Gauge Frame, Deduct	-127.12	
For 14 Gauge Frame, Add	317.79	
For 12 Gauge Frame, Add	483.04	
For Auxiliary Frame Reinforcement For Hinges, Add	190.68	
08 12 13 13-0148 EA 7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,668.46	157.65
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	162.38	
For Type 304 Stainless Steel Frame, Add	2,451.47	
For Type 316 Stainless Steel Frame, Add	2,857.42	
For Baked Enamel Finish, Add	453.24	
For 18 Gauge Frame, Deduct	-135.32	
For 14 Gauge Frame, Add	338.29	
For 12 Gauge Frame, Add	514.20	
For Auxiliary Frame Reinforcement For Hinges, Add	202.98	
08 12 13 13-0149 EA 8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,756.43	160.62
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	172.22	
For Type 304 Stainless Steel Frame, Add	2,599.40	
For Type 316 Stainless Steel Frame, Add	3,029.96	
For Baked Enamel Finish, Add	478.74	
For 18 Gauge Frame, Deduct	-143.52	
For 14 Gauge Frame, Add	358.80	
For 12 Gauge Frame, Add	545.37	
For Auxiliary Frame Reinforcement For Hinges, Add	215.28	
<b>08 12 13 13-0150 &gt;7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames</b> <small>(08 12 13 13-0133)</small>		
08 12 13 13-0151 EA 2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,135.25	89.24
For Welded Frames, Add	253.67	
For Galvanized Frames, Add	114.81	
For Type 304 Stainless Steel Frame, Add	1,731.15	
For Type 316 Stainless Steel Frame, Add	2,018.18	
For Baked Enamel Finish, Add	313.81	
For 18 Gauge Frame, Deduct	-95.68	
For 14 Gauge Frame, Add	239.20	
For 12 Gauge Frame, Add	363.58	
For Auxiliary Frame Reinforcement For Hinges, Add	143.52	

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0152	EA 2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,335.35	98.15
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	136.68	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,060.09	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,401.80	
	<i>For Baked Enamel Finish, Add</i>	371.16	
	<i>For 18 Gauge Frame, Deduct</i>	-113.90	
	<i>For 14 Gauge Frame, Add</i>	284.76	
	<i>For 12 Gauge Frame, Add</i>	432.84	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	170.86	
08 12 13 13-0153	EA 2'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,365.47	104.10
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	138.87	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,093.48	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,440.66	
	<i>For Baked Enamel Finish, Add</i>	378.41	
	<i>For 18 Gauge Frame, Deduct</i>	-115.73	
	<i>For 14 Gauge Frame, Add</i>	289.32	
	<i>For 12 Gauge Frame, Add</i>	439.76	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	173.59	
08 12 13 13-0154	EA 2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,383.32	113.03
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	138.87	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,094.37	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,441.55	
	<i>For Baked Enamel Finish, Add</i>	381.09	
	<i>For 18 Gauge Frame, Deduct</i>	-115.73	
	<i>For 14 Gauge Frame, Add</i>	289.32	
	<i>For 12 Gauge Frame, Add</i>	439.76	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	173.59	
08 12 13 13-0155	EA 2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,407.50	116.00
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	141.06	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,127.48	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,480.13	
	<i>For Baked Enamel Finish, Add</i>	387.45	
	<i>For 18 Gauge Frame, Deduct</i>	-117.55	
	<i>For 14 Gauge Frame, Add</i>	293.87	
	<i>For 12 Gauge Frame, Add</i>	446.69	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	176.32	
08 12 13 13-0156	EA 3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,431.67	118.98
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	143.25	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,160.58	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,518.69	
	<i>For Baked Enamel Finish, Add</i>	393.81	
	<i>For 18 Gauge Frame, Deduct</i>	-119.37	
	<i>For 14 Gauge Frame, Add</i>	298.43	
	<i>For 12 Gauge Frame, Add</i>	453.61	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	179.06	
08 12 13 13-0157	EA 3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,525.57	124.93
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	153.09	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,308.79	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,691.50	
	<i>For Baked Enamel Finish, Add</i>	420.19	
	<i>For 18 Gauge Frame, Deduct</i>	-127.57	
	<i>For 14 Gauge Frame, Add</i>	318.93	
	<i>For 12 Gauge Frame, Add</i>	484.77	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	191.36	
08 12 13 13-0158	EA 3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,537.47	130.88
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	153.09	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,309.38	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,692.10	
	<i>For Baked Enamel Finish, Add</i>	421.98	
	<i>For 18 Gauge Frame, Deduct</i>	-127.57	
	<i>For 14 Gauge Frame, Add</i>	318.93	
	<i>For 12 Gauge Frame, Add</i>	484.77	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	191.36	
08 12 13 13-0159	EA 4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,594.93	136.82
	<i>For Welded Frames, Add</i>	253.67	
	<i>For Galvanized Frames, Add</i>	158.55	
	<i>For Type 304 Stainless Steel Frame, Add</i>	2,391.99	
	<i>For Type 316 Stainless Steel Frame, Add</i>	2,788.37	
	<i>For Baked Enamel Finish, Add</i>	437.43	
	<i>For 18 Gauge Frame, Deduct</i>	-132.13	
	<i>For 14 Gauge Frame, Add</i>	330.32	
	<i>For 12 Gauge Frame, Add</i>	502.09	
	<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	198.19	



	<b>Openings</b>	<b>08</b>
	Doors and Frames	08 10
	Metal Frames	08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,652.39	142.77
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	164.02	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,474.59	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,884.64	
			<i>For Baked Enamel Finish, Add</i>	452.88	
			<i>For 18 Gauge Frame, Deduct</i>	-136.68	
			<i>For 14 Gauge Frame, Add</i>	341.71	
			<i>For 12 Gauge Frame, Add</i>	519.40	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	205.03	
08 12 13	13-0161	EA	5'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,664.28	148.72
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	164.02	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,475.18	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,885.24	
			<i>For Baked Enamel Finish, Add</i>	454.67	
			<i>For 18 Gauge Frame, Deduct</i>	-136.68	
			<i>For 14 Gauge Frame, Add</i>	341.71	
			<i>For 12 Gauge Frame, Add</i>	519.40	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	205.03	
08 12 13	13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,693.02	151.70
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	166.76	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,516.50	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,933.39	
			<i>For Baked Enamel Finish, Add</i>	462.40	
			<i>For 18 Gauge Frame, Deduct</i>	-138.96	
			<i>For 14 Gauge Frame, Add</i>	347.41	
			<i>For 12 Gauge Frame, Add</i>	528.06	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	208.44	
08 12 13	13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,721.75	154.67
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	169.49	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,557.81	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,981.53	
			<i>For Baked Enamel Finish, Add</i>	470.12	
			<i>For 18 Gauge Frame, Deduct</i>	-141.24	
			<i>For 14 Gauge Frame, Add</i>	353.10	
			<i>For 12 Gauge Frame, Add</i>	536.72	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	211.86	
08 12 13	13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,818.80	157.65
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	180.42	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,722.08	
			<i>For Type 316 Stainless Steel Frame, Add</i>	3,173.14	
			<i>For Baked Enamel Finish, Add</i>	498.35	
			<i>For 18 Gauge Frame, Deduct</i>	-150.35	
			<i>For 14 Gauge Frame, Add</i>	375.88	
			<i>For 12 Gauge Frame, Add</i>	571.33	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	225.53	
08 12 13	13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame .....	1,915.89	160.62
			<i>For Welded Frames, Add</i>	253.67	
			<i>For Galvanized Frames, Add</i>	191.36	
			<i>For Type 304 Stainless Steel Frame, Add</i>	2,886.43	
			<i>For Type 316 Stainless Steel Frame, Add</i>	3,364.83	
			<i>For Baked Enamel Finish, Add</i>	526.58	
			<i>For 18 Gauge Frame, Deduct</i>	-159.47	
			<i>For 14 Gauge Frame, Add</i>	398.66	
			<i>For 12 Gauge Frame, Add</i>	605.97	
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	239.20	
08 12 13	13-0166		<b>Sidelights And Transoms</b> <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13	13-0167		<b>Fixed Steel Transoms</b> <small>(08 12 13 13-0166)</small>		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13	13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom .....	110.76	16.66
			<i>For Movable Frame, Add</i>	22.15	
			<i>For 18 Gauge Frame, Deduct</i>	-7.74	
			<i>For 14 Gauge Frame, Add</i>	19.36	
			<i>For 12 Gauge Frame, Add</i>	29.43	
08 12 13	13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom .....	115.75	17.25
			<i>For Movable Frame, Add</i>	23.15	
			<i>For 18 Gauge Frame, Deduct</i>	-8.13	
			<i>For 14 Gauge Frame, Add</i>	20.31	
			<i>For 12 Gauge Frame, Add</i>	30.88	
08 12 13	13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom .....	121.03	17.85
			<i>For Movable Frame, Add</i>	24.21	
			<i>For 18 Gauge Frame, Deduct</i>	-8.53	
			<i>For 14 Gauge Frame, Add</i>	21.34	
			<i>For 12 Gauge Frame, Add</i>	32.43	
08 12 13	13-0171		<b>Operable Steel Transom Sash</b> <small>(08 12 13 13-0166)</small>		
			Note: Includes hardware.		

**08 Openings****08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0172	SF	4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	163.07	16.66
			<i>For 18 Gauge Frame, Deduct</i>	-12.98	
			<i>For 14 Gauge Frame, Add</i>	32.44	
			<i>For 12 Gauge Frame, Add</i>	49.31	
08 12 13	13-0173	SF	5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	170.76	17.25
			<i>For 18 Gauge Frame, Deduct</i>	-13.63	
			<i>For 14 Gauge Frame, Add</i>	34.07	
			<i>For 12 Gauge Frame, Add</i>	51.78	
08 12 13	13-0174	SF	6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	178.74	17.85
			<i>For 18 Gauge Frame, Deduct</i>	-14.31	
			<i>For 14 Gauge Frame, Add</i>	35.76	
			<i>For 12 Gauge Frame, Add</i>	54.36	
08 12 13	13-0175		<b>Sidelights, Steel Frame</b> <small>(08 12 13 13-0166)</small>		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13	13-0176	SF	4-3/4" Deep Sidelights, 16 Gauge Frame .....	116.53	16.66
			<i>For 18 Gauge Frame, Deduct</i>	-8.32	
			<i>For 14 Gauge Frame, Add</i>	20.80	
			<i>For 12 Gauge Frame, Add</i>	31.62	
08 12 13	13-0177	SF	5-3/4" Deep Sidelights, 16 Gauge Frame .....	121.89	17.25
			<i>For 18 Gauge Frame, Deduct</i>	-8.74	
			<i>For 14 Gauge Frame, Add</i>	21.85	
			<i>For 12 Gauge Frame, Add</i>	33.21	
08 12 13	13-0178	SF	6-3/4" Deep Sidelights, 16 Gauge Frame .....	127.42	17.85
			<i>For 18 Gauge Frame, Deduct</i>	-9.17	
			<i>For 14 Gauge Frame, Add</i>	22.93	
			<i>For 12 Gauge Frame, Add</i>	34.86	
08 12 13	13-0179		<b>Sundry Hollow Metal Frame Sections</b> <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13	13-0180		<b>16 Gauge, Hollow Metal Frame Vertical Mullions</b> <small>(08 12 13 13-0179)</small>		
08 12 13	13-0181	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....	35.20	6.66
			<i>For 18 Gauge Frame, Deduct</i>	-1.84	
			<i>For 14 Gauge Frame, Add</i>	4.61	
			<i>For 12 Gauge Frame, Add</i>	7.01	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0182	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	35.94	6.66
			<i>For 18 Gauge Frame, Deduct</i>	-1.92	
			<i>For 14 Gauge Frame, Add</i>	4.80	
			<i>For 12 Gauge Frame, Add</i>	7.29	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0183	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....	35.68	6.90
			<i>For 18 Gauge Frame, Deduct</i>	-1.84	
			<i>For 14 Gauge Frame, Add</i>	4.61	
			<i>For 12 Gauge Frame, Add</i>	7.01	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0184	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	36.83	6.90
			<i>For 18 Gauge Frame, Deduct</i>	-1.96	
			<i>For 14 Gauge Frame, Add</i>	4.90	
			<i>For 12 Gauge Frame, Add</i>	7.44	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0185	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion .....	36.98	7.02
			<i>For 18 Gauge Frame, Deduct</i>	-1.94	
			<i>For 14 Gauge Frame, Add</i>	4.84	
			<i>For 12 Gauge Frame, Add</i>	7.36	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0186	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	37.42	7.02
			<i>For 18 Gauge Frame, Deduct</i>	-1.98	
			<i>For 14 Gauge Frame, Add</i>	4.95	
			<i>For 12 Gauge Frame, Add</i>	7.52	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0187		<b>16 Gauge, Hollow Metal Frame Horizontal Rails</b> <small>(08 12 13 13-0179)</small>		
08 12 13	13-0188	LF	4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....	25.98	6.66
			<i>For 18 Gauge Frame, Deduct</i>	-0.92	
			<i>For 14 Gauge Frame, Add</i>	2.31	
			<i>For 12 Gauge Frame, Add</i>	3.50	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors and Frames	08 10	
Metal Frames	08 12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0189	LF		4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	26.92	6.66
			<i>For 18 Gauge Frame, Deduct</i>	-1.02	
			<i>For 14 Gauge Frame, Add</i>	2.54	
			<i>For 12 Gauge Frame, Add</i>	3.86	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0190	LF		5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....	26.46	6.90
			<i>For 18 Gauge Frame, Deduct</i>	-0.92	
			<i>For 14 Gauge Frame, Add</i>	2.31	
			<i>For 12 Gauge Frame, Add</i>	3.50	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0191	LF		5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	27.40	6.90
			<i>For 18 Gauge Frame, Deduct</i>	-1.02	
			<i>For 14 Gauge Frame, Add</i>	2.54	
			<i>For 12 Gauge Frame, Add</i>	3.86	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0192	LF		6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail .....	27.30	7.02
			<i>For 18 Gauge Frame, Deduct</i>	-0.97	
			<i>For 14 Gauge Frame, Add</i>	2.42	
			<i>For 12 Gauge Frame, Add</i>	3.68	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0193	LF		6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	28.12	7.02
			<i>For 18 Gauge Frame, Deduct</i>	-1.05	
			<i>For 14 Gauge Frame, Add</i>	2.63	
			<i>For 12 Gauge Frame, Add</i>	3.99	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	

**08 12 13 13-0194 Metal Frames Accessories** (08 12 13 13)

08 12 13 13-0195	EA		For 1' Extension Of New Door Frame .....	33.09	
------------------	----	--	--	-------	--

**08 12 16 Aluminum Frames** (08 12)

**08 12 16 00-0001 Two Piece Aluminum Door Frames** (08 12 16)

**08 12 16 00-0002 4-1/8" x 3/8" Two Piece Aluminum Door Frames** (08 12 16 00-0001)

08 12 16 00-0003	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	3,020.64	65.43
08 12 16 00-0004	EA		Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	3,020.64	65.43

**08 12 16 00-0005 4-3/4" x 1-3/8" Two Piece Aluminum Door Frames** (08 12 16 00-0001)

08 12 16 00-0006	EA		Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....	3,020.64	65.43
08 12 16 00-0007	EA		Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head .....	3,020.64	65.43

**08 13 Metal Doors** (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

**08 13 13 Hollow Metal Doors** (08 13)

**08 13 13 13 Standard Hollow Metal Doors** (08 13 13)

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet and coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy-Duty; 16 Gauge, Level 3 Extra Heavy-Duty; 14 Gauge, Level 4 Maximum Duty.

**08 13 13 13-0001 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors** (08 13 13 13)

**08 13 13 13-0002 6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors** (08 13 13 13-0001)



**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0003	EA 2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	555.86	65.43
	<i>For Galvanized Steel Door, Add</i>	85.00	
	<i>For Type 304 Stainless Steel Door, Add</i>	339.98	
	<i>For Type 316 Stainless Steel Door, Add</i>	552.47	
	<i>For Embossed Panel Door, Add</i>	102.00	
	<i>For Baked Enamel Finish, Add</i>	147.13	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-31.07	
	<i>For &gt;100, Deduct</i>	-44.96	
	<i>For Polystyrene Core, Add</i>	42.50	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	106.25	
08 13 13 13-0004	EA 2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	555.86	65.43
	<i>For Galvanized Steel Door, Add</i>	85.00	
	<i>For Type 304 Stainless Steel Door, Add</i>	339.98	
	<i>For Type 316 Stainless Steel Door, Add</i>	552.47	
	<i>For Embossed Panel Door, Add</i>	102.00	
	<i>For Baked Enamel Finish, Add</i>	147.13	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-31.07	
	<i>For &gt;100, Deduct</i>	-44.96	
	<i>For Polystyrene Core, Add</i>	42.50	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	106.25	
08 13 13 13-0005	EA 2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	570.49	68.41
	<i>For Galvanized Steel Door, Add</i>	86.73	
	<i>For Type 304 Stainless Steel Door, Add</i>	346.94	
	<i>For Type 316 Stainless Steel Door, Add</i>	563.77	
	<i>For Embossed Panel Door, Add</i>	104.08	
	<i>For Baked Enamel Finish, Add</i>	150.62	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-31.95	
	<i>For &gt;100, Deduct</i>	-46.21	
	<i>For Polystyrene Core, Add</i>	43.37	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	108.42	
08 13 13 13-0006	EA 2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	576.97	68.41
	<i>For Galvanized Steel Door, Add</i>	88.03	
	<i>For Type 304 Stainless Steel Door, Add</i>	352.12	
	<i>For Type 316 Stainless Steel Door, Add</i>	572.20	
	<i>For Embossed Panel Door, Add</i>	105.64	
	<i>For Baked Enamel Finish, Add</i>	152.57	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-32.27	
	<i>For &gt;100, Deduct</i>	-46.69	
	<i>For Polystyrene Core, Add</i>	44.02	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	110.04	
08 13 13 13-0007	EA 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	582.53	69.90
	<i>For Galvanized Steel Door, Add</i>	88.55	
	<i>For Type 304 Stainless Steel Door, Add</i>	354.19	
	<i>For Type 316 Stainless Steel Door, Add</i>	575.56	
	<i>For Embossed Panel Door, Add</i>	106.26	
	<i>For Baked Enamel Finish, Add</i>	153.79	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-32.62	
	<i>For &gt;100, Deduct</i>	-47.18	
	<i>For Polystyrene Core, Add</i>	44.27	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	110.69	
	<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	55.34	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0008 EA 3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	588.10	71.38
For Galvanized Steel Door, Add	89.07	
For Type 304 Stainless Steel Door, Add	356.26	
For Type 316 Stainless Steel Door, Add	578.93	
For Embossed Panel Door, Add	106.88	
For Baked Enamel Finish, Add	155.01	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-32.97	
For >100, Deduct	-47.68	
For Polystyrene Core, Add	44.53	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	111.33	
08 13 13 13-0009 EA 3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	621.75	71.38
For Galvanized Steel Door, Add	95.80	
For Type 304 Stainless Steel Door, Add	383.18	
For Type 316 Stainless Steel Door, Add	622.67	
For Embossed Panel Door, Add	114.96	
For Baked Enamel Finish, Add	165.11	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-34.66	
For >100, Deduct	-50.20	
For Polystyrene Core, Add	47.90	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	119.75	
08 13 13 13-0010 EA 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	640.65	74.36
For Galvanized Steel Door, Add	98.39	
For Type 304 Stainless Steel Door, Add	393.54	
For Type 316 Stainless Steel Door, Add	639.51	
For Embossed Panel Door, Add	118.06	
For Baked Enamel Finish, Add	169.89	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-35.75	
For >100, Deduct	-51.77	
For Polystyrene Core, Add	49.19	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	122.98	
08 13 13 13-0011 EA 4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	704.33	80.31
For Galvanized Steel Door, Add	108.74	
For Type 304 Stainless Steel Door, Add	434.97	
For Type 316 Stainless Steel Door, Add	706.82	
For Embossed Panel Door, Add	130.49	
For Baked Enamel Finish, Add	187.21	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-39.23	
For >100, Deduct	-56.84	
For Polystyrene Core, Add	54.37	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	135.93	
<b>08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)</b>		
08 13 13 13-0013 EA 2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	567.00	65.43
For Galvanized Steel Door, Add	87.22	
For Type 304 Stainless Steel Door, Add	348.90	
For Type 316 Stainless Steel Door, Add	566.96	
For Embossed Panel Door, Add	104.67	
For Baked Enamel Finish, Add	150.47	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-31.62	
For >100, Deduct	-45.80	
For Polystyrene Core, Add	43.61	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	109.03	

## 08 Openings

## 08 10 Doors and Frames

## 08 13 Metal Doors



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0014	EA 2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	567.00	65.43
	For Galvanized Steel Door, Add	87.22	
	For Type 304 Stainless Steel Door, Add	348.90	
	For Type 316 Stainless Steel Door, Add	566.96	
	For Embossed Panel Door, Add	104.67	
	For Baked Enamel Finish, Add	150.47	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-31.62	
	For >100, Deduct	-45.80	
	For Polystyrene Core, Add	43.61	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	109.03	
08 13 13 13-0015	EA 2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	581.86	68.41
	For Galvanized Steel Door, Add	89.01	
	For Type 304 Stainless Steel Door, Add	356.03	
	For Type 316 Stainless Steel Door, Add	578.55	
	For Embossed Panel Door, Add	106.81	
	For Baked Enamel Finish, Add	154.04	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-32.51	
	For >100, Deduct	-47.06	
	For Polystyrene Core, Add	44.50	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	111.26	
08 13 13 13-0016	EA 2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	588.50	68.41
	For Galvanized Steel Door, Add	90.34	
	For Type 304 Stainless Steel Door, Add	361.34	
	For Type 316 Stainless Steel Door, Add	587.18	
	For Embossed Panel Door, Add	108.40	
	For Baked Enamel Finish, Add	156.03	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-32.85	
	For >100, Deduct	-47.56	
	For Polystyrene Core, Add	45.17	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	112.92	
08 13 13 13-0017	EA 2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	594.13	69.90
	For Galvanized Steel Door, Add	90.87	
	For Type 304 Stainless Steel Door, Add	363.47	
	For Type 316 Stainless Steel Door, Add	590.64	
	For Embossed Panel Door, Add	109.04	
	For Baked Enamel Finish, Add	157.27	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.20	
	For >100, Deduct	-48.05	
	For Polystyrene Core, Add	45.43	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	113.59	
	For Continuously Welded And Filled Vertical Edge Seam, Add	56.79	
08 13 13 13-0018	EA 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door .....	599.76	71.38
	For Galvanized Steel Door, Add	91.40	
	For Type 304 Stainless Steel Door, Add	365.59	
	For Type 316 Stainless Steel Door, Add	594.09	
	For Embossed Panel Door, Add	109.68	
	For Baked Enamel Finish, Add	158.51	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.56	
	For >100, Deduct	-48.55	
	For Polystyrene Core, Add	45.70	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	114.25	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0019 EA 3'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	634.30	71.38
For Galvanized Steel Door, Add	98.31	
For Type 304 Stainless Steel Door, Add	393.22	
For Type 316 Stainless Steel Door, Add	638.99	
For Embossed Panel Door, Add	117.97	
For Baked Enamel Finish, Add	168.87	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-35.28	
For >100, Deduct	-51.14	
For Polystyrene Core, Add	49.15	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	122.88	
08 13 13 13-0020 EA 3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	653.54	74.36
For Galvanized Steel Door, Add	100.96	
For Type 304 Stainless Steel Door, Add	403.86	
For Type 316 Stainless Steel Door, Add	656.27	
For Embossed Panel Door, Add	121.16	
For Baked Enamel Finish, Add	173.75	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-36.40	
For >100, Deduct	-52.73	
For Polystyrene Core, Add	50.48	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	126.21	
08 13 13 13-0021 EA 4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	718.58	80.31
For Galvanized Steel Door, Add	111.59	
For Type 304 Stainless Steel Door, Add	446.37	
For Type 316 Stainless Steel Door, Add	725.35	
For Embossed Panel Door, Add	133.91	
For Baked Enamel Finish, Add	191.48	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-39.94	
For >100, Deduct	-57.91	
For Polystyrene Core, Add	55.80	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	139.49	
08 13 13 13-0022 7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
08 13 13 13-0023 EA 2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	577.81	65.43
For Galvanized Steel Door, Add	89.39	
For Type 304 Stainless Steel Door, Add	357.54	
For Type 316 Stainless Steel Door, Add	581.01	
For Embossed Panel Door, Add	107.26	
For Baked Enamel Finish, Add	153.71	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-32.16	
For >100, Deduct	-46.61	
For Polystyrene Core, Add	44.69	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	111.73	
08 13 13 13-0024 EA 2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	577.81	65.43
For Galvanized Steel Door, Add	89.39	
For Type 304 Stainless Steel Door, Add	357.54	
For Type 316 Stainless Steel Door, Add	581.01	
For Embossed Panel Door, Add	107.26	
For Baked Enamel Finish, Add	153.71	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-32.16	
For >100, Deduct	-46.61	
For Polystyrene Core, Add	44.69	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	111.73	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0025	EA 2'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	592.89	68.41
	For Galvanized Steel Door, Add	91.21	
	For Type 304 Stainless Steel Door, Add	364.86	
	For Type 316 Stainless Steel Door, Add	592.89	
	For Embossed Panel Door, Add	109.46	
	For Baked Enamel Finish, Add	157.34	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.07	
	For >100, Deduct	-47.89	
	For Polystyrene Core, Add	45.61	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	114.02	
08 13 13 13-0026	EA 2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	599.70	68.41
	For Galvanized Steel Door, Add	92.58	
	For Type 304 Stainless Steel Door, Add	370.30	
	For Type 316 Stainless Steel Door, Add	601.74	
	For Embossed Panel Door, Add	111.09	
	For Baked Enamel Finish, Add	159.39	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.41	
	For >100, Deduct	-48.40	
	For Polystyrene Core, Add	46.29	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	115.72	
08 13 13 13-0027	EA 2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	605.39	69.90
	For Galvanized Steel Door, Add	93.12	
	For Type 304 Stainless Steel Door, Add	372.48	
	For Type 316 Stainless Steel Door, Add	605.28	
	For Embossed Panel Door, Add	111.74	
	For Baked Enamel Finish, Add	160.65	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-33.76	
	For >100, Deduct	-48.90	
	For Polystyrene Core, Add	46.56	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	116.40	
	For Continuously Welded And Filled Vertical Edge Seam, Add	58.20	
08 13 13 13-0028	EA 3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	611.09	71.38
	For Galvanized Steel Door, Add	93.66	
	For Type 304 Stainless Steel Door, Add	374.66	
	For Type 316 Stainless Steel Door, Add	608.82	
	For Embossed Panel Door, Add	112.40	
	For Baked Enamel Finish, Add	161.91	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.12	
	For >100, Deduct	-49.40	
	For Polystyrene Core, Add	46.83	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	117.08	
08 13 13 13-0029	EA 3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	646.49	71.38
	For Galvanized Steel Door, Add	100.74	
	For Type 304 Stainless Steel Door, Add	402.98	
	For Type 316 Stainless Steel Door, Add	654.84	
	For Embossed Panel Door, Add	120.89	
	For Baked Enamel Finish, Add	172.53	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.89	
	For >100, Deduct	-52.06	
	For Polystyrene Core, Add	50.37	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	125.93	



	<b>Openings</b> <b>08</b>	
	<b>Doors and Frames</b> <b>08 10</b>	<b>08</b>
	<b>Metal Doors</b> <b>08 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0030	EA		3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	666.06 103.47 413.87 672.54 124.16 177.51 27.63 41.40 55.27 93.38 131.50 -37.02 -53.67 51.73 129.34	74.36
08 13 13 13-0031	EA		4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	732.41 114.36 457.43 743.33 137.23 195.63 27.63 41.40 55.27 93.38 131.50 -40.64 -58.95 57.18 142.95	80.31
08 13 13 13-0032			18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors <sup>(08 13 13 13)</sup>		
08 13 13 13-0033			6'-8" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors <sup>(08 13 13 13-0032)</sup>		
08 13 13 13-0034	EA		2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	590.24 91.87 367.49 597.17 110.25 157.44 27.63 41.40 55.27 93.38 131.50 -32.78 -47.54 36.58 45.94 114.84	65.43
08 13 13 13-0035	EA		2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	590.24 91.87 367.49 597.17 110.25 157.44 27.63 41.40 55.27 93.38 131.50 -32.78 -47.54 36.58 45.94 114.84	65.43
08 13 13 13-0036	EA		2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	605.58 93.75 375.01 609.39 112.50 161.15 27.63 41.40 55.27 93.38 131.50 -33.70 -48.84 37.41 46.88 117.19	68.41



**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0037	EA 2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	612.57	68.41
	<i>For Galvanized Steel Door, Add</i>	95.15	
	<i>For Type 304 Stainless Steel Door, Add</i>	380.60	
	<i>For Type 316 Stainless Steel Door, Add</i>	618.48	
	<i>For Embossed Panel Door, Add</i>	114.18	
	<i>For Baked Enamel Finish, Add</i>	163.25	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-34.05	
	<i>For &gt;100, Deduct</i>	-49.36	
	<i>For 2" Thick Door, Add</i>	37.91	
	<i>For Polystyrene Core, Add</i>	47.58	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	118.94	
08 13 13 13-0038	EA 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	618.33	69.90
	<i>For Galvanized Steel Door, Add</i>	95.71	
	<i>For Type 304 Stainless Steel Door, Add</i>	382.83	
	<i>For Type 316 Stainless Steel Door, Add</i>	622.10	
	<i>For Embossed Panel Door, Add</i>	114.85	
	<i>For Baked Enamel Finish, Add</i>	164.53	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-34.41	
	<i>For &gt;100, Deduct</i>	-49.87	
	<i>For 2" Thick Door, Add</i>	38.19	
	<i>For Polystyrene Core, Add</i>	47.85	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	119.64	
	<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	59.82	
	<i>For Steel Stiffened, Add</i>	119.64	
08 13 13 13-0039	EA 3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	624.12	71.38
	<i>For Galvanized Steel Door, Add</i>	96.27	
	<i>For Type 304 Stainless Steel Door, Add</i>	385.08	
	<i>For Type 316 Stainless Steel Door, Add</i>	625.76	
	<i>For Embossed Panel Door, Add</i>	115.52	
	<i>For Baked Enamel Finish, Add</i>	165.82	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-34.78	
	<i>For &gt;100, Deduct</i>	-50.38	
	<i>For 2" Thick Door, Add</i>	38.47	
	<i>For Polystyrene Core, Add</i>	48.14	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	120.34	
08 13 13 13-0040	EA 3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	660.50	71.38
	<i>For Galvanized Steel Door, Add</i>	103.55	
	<i>For Type 304 Stainless Steel Door, Add</i>	414.18	
	<i>For Type 316 Stainless Steel Door, Add</i>	673.05	
	<i>For Embossed Panel Door, Add</i>	124.26	
	<i>For Baked Enamel Finish, Add</i>	176.73	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-36.59	
	<i>For &gt;100, Deduct</i>	-53.11	
	<i>For 2" Thick Door, Add</i>	41.10	
	<i>For Polystyrene Core, Add</i>	51.77	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	129.43	
08 13 13 13-0041	EA 3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	680.45	74.36
	<i>For Galvanized Steel Door, Add</i>	106.35	
	<i>For Type 304 Stainless Steel Door, Add</i>	425.38	
	<i>For Type 316 Stainless Steel Door, Add</i>	691.25	
	<i>For Embossed Panel Door, Add</i>	127.62	
	<i>For Baked Enamel Finish, Add</i>	181.83	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-37.74	
	<i>For &gt;100, Deduct</i>	-54.75	
	<i>For 2" Thick Door, Add</i>	42.27	
	<i>For Polystyrene Core, Add</i>	53.17	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	132.93	



	<b>Openings</b>	<b>08</b>
	<b>Doors and Frames</b>	<b>08 10</b>
	<b>Metal Doors</b>	<b>08 13</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0042	EA		4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	748.32	80.31
			<i>For Galvanized Steel Door, Add</i>	117.54	
			<i>For Type 304 Stainless Steel Door, Add</i>	470.16	
			<i>For Type 316 Stainless Steel Door, Add</i>	764.01	
			<i>For Embossed Panel Door, Add</i>	141.05	
			<i>For Baked Enamel Finish, Add</i>	200.40	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-41.43	
			<i>For &gt;100, Deduct</i>	-60.14	
			<i>For 2" Thick Door, Add</i>	46.62	
			<i>For Polystyrene Core, Add</i>	58.77	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	146.93	
08 13 13 13-0043			<b>7' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors</b> <small>(08 13 13 13-0032)</small>		
08 13 13 13-0044	EA		2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	601.15	65.43
			<i>For Galvanized Steel Door, Add</i>	94.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	376.22	
			<i>For Type 316 Stainless Steel Door, Add</i>	611.35	
			<i>For Embossed Panel Door, Add</i>	112.86	
			<i>For Baked Enamel Finish, Add</i>	160.71	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-33.33	
			<i>For &gt;100, Deduct</i>	-48.36	
			<i>For 2" Thick Door, Add</i>	37.37	
			<i>For Polystyrene Core, Add</i>	47.03	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	117.57	
08 13 13 13-0045	EA		2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	601.15	65.43
			<i>For Galvanized Steel Door, Add</i>	94.05	
			<i>For Type 304 Stainless Steel Door, Add</i>	376.22	
			<i>For Type 316 Stainless Steel Door, Add</i>	611.35	
			<i>For Embossed Panel Door, Add</i>	112.86	
			<i>For Baked Enamel Finish, Add</i>	160.71	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-33.33	
			<i>For &gt;100, Deduct</i>	-48.36	
			<i>For 2" Thick Door, Add</i>	37.37	
			<i>For Polystyrene Core, Add</i>	47.03	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	117.57	
08 13 13 13-0046	EA		2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	616.70	68.41
			<i>For Galvanized Steel Door, Add</i>	95.98	
			<i>For Type 304 Stainless Steel Door, Add</i>	383.90	
			<i>For Type 316 Stainless Steel Door, Add</i>	623.84	
			<i>For Embossed Panel Door, Add</i>	115.17	
			<i>For Baked Enamel Finish, Add</i>	164.49	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-34.26	
			<i>For &gt;100, Deduct</i>	-49.67	
			<i>For 2" Thick Door, Add</i>	38.21	
			<i>For Polystyrene Core, Add</i>	47.99	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	119.97	
08 13 13 13-0047	EA		2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	623.87	68.41
			<i>For Galvanized Steel Door, Add</i>	97.41	
			<i>For Type 304 Stainless Steel Door, Add</i>	389.64	
			<i>For Type 316 Stainless Steel Door, Add</i>	633.17	
			<i>For Embossed Panel Door, Add</i>	116.89	
			<i>For Baked Enamel Finish, Add</i>	166.64	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For &gt;50 To 100, Deduct</i>	-34.61	
			<i>For &gt;100, Deduct</i>	-50.21	
			<i>For 2" Thick Door, Add</i>	38.73	
			<i>For Polystyrene Core, Add</i>	48.71	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	121.76	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0048	EA 2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	629.70	69.90
	For Galvanized Steel Door, Add	97.98	
	For Type 304 Stainless Steel Door, Add	391.93	
	For Type 316 Stainless Steel Door, Add	636.88	
	For Embossed Panel Door, Add	117.58	
	For Baked Enamel Finish, Add	167.94	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-34.98	
	For >100, Deduct	-50.72	
	For 2" Thick Door, Add	39.01	
	For Polystyrene Core, Add	48.99	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	122.48	
	For Continuously Welded And Filled Vertical Edge Seam, Add	61.24	
	For Steel Stiffened, Add	122.48	
08 13 13 13-0049	EA 3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	635.54	71.38
	For Galvanized Steel Door, Add	98.55	
	For Type 304 Stainless Steel Door, Add	394.22	
	For Type 316 Stainless Steel Door, Add	640.60	
	For Embossed Panel Door, Add	118.26	
	For Baked Enamel Finish, Add	169.25	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-35.35	
	For >100, Deduct	-51.23	
	For 2" Thick Door, Add	39.30	
	For Polystyrene Core, Add	49.28	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	123.19	
08 13 13 13-0050	EA 3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	672.79	71.38
	For Galvanized Steel Door, Add	106.00	
	For Type 304 Stainless Steel Door, Add	424.02	
	For Type 316 Stainless Steel Door, Add	689.03	
	For Embossed Panel Door, Add	127.20	
	For Baked Enamel Finish, Add	180.42	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-37.21	
	For >100, Deduct	-54.03	
	For 2" Thick Door, Add	42.00	
	For Polystyrene Core, Add	53.00	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.51	
08 13 13 13-0051	EA 3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	693.06	74.36
	For Galvanized Steel Door, Add	108.87	
	For Type 304 Stainless Steel Door, Add	435.47	
	For Type 316 Stainless Steel Door, Add	707.64	
	For Embossed Panel Door, Add	130.64	
	For Baked Enamel Finish, Add	185.61	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-38.37	
	For >100, Deduct	-55.70	
	For 2" Thick Door, Add	43.18	
	For Polystyrene Core, Add	54.43	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	136.09	
08 13 13 13-0052	EA 4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	762.26	80.31
	For Galvanized Steel Door, Add	120.33	
	For Type 304 Stainless Steel Door, Add	481.31	
	For Type 316 Stainless Steel Door, Add	782.13	
	For Embossed Panel Door, Add	144.39	
	For Baked Enamel Finish, Add	204.59	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-42.13	
	For >100, Deduct	-61.19	
	For 2" Thick Door, Add	47.63	
	For Polystyrene Core, Add	60.16	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	150.41	

08 13 13 13-0053 7'-2" High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal  
Doors (08 13 13 13-0032)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 612.05		65.43
				<i>For Galvanized Steel Door, Add</i>	96.23	
				<i>For Type 304 Stainless Steel Door, Add</i>	384.94	
				<i>For Type 316 Stainless Steel Door, Add</i>	625.52	
				<i>For Embossed Panel Door, Add</i>	115.48	
				<i>For Baked Enamel Finish, Add</i>	163.98	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-33.87	
				<i>For &gt;100, Deduct</i>	-49.18	
				<i>For 2" Thick Door, Add</i>	38.16	
				<i>For Polystyrene Core, Add</i>	48.12	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	120.29	
08 13 13	13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door..... 612.05		65.43
				<i>For Galvanized Steel Door, Add</i>	96.23	
				<i>For Type 304 Stainless Steel Door, Add</i>	384.94	
				<i>For Type 316 Stainless Steel Door, Add</i>	625.52	
				<i>For Embossed Panel Door, Add</i>	115.48	
				<i>For Baked Enamel Finish, Add</i>	163.98	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-33.87	
				<i>For &gt;100, Deduct</i>	-49.18	
				<i>For 2" Thick Door, Add</i>	38.16	
				<i>For Polystyrene Core, Add</i>	48.12	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	120.29	
08 13 13	13-0056	EA		2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door..... 627.83		68.41
				<i>For Galvanized Steel Door, Add</i>	98.20	
				<i>For Type 304 Stainless Steel Door, Add</i>	392.81	
				<i>For Type 316 Stainless Steel Door, Add</i>	638.31	
				<i>For Embossed Panel Door, Add</i>	117.84	
				<i>For Baked Enamel Finish, Add</i>	167.83	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-34.81	
				<i>For &gt;100, Deduct</i>	-50.51	
				<i>For 2" Thick Door, Add</i>	39.02	
				<i>For Polystyrene Core, Add</i>	49.10	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	122.75	
08 13 13	13-0057	EA		2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door..... 635.16		68.41
				<i>For Galvanized Steel Door, Add</i>	99.67	
				<i>For Type 304 Stainless Steel Door, Add</i>	398.67	
				<i>For Type 316 Stainless Steel Door, Add</i>	647.84	
				<i>For Embossed Panel Door, Add</i>	119.60	
				<i>For Baked Enamel Finish, Add</i>	170.03	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-35.18	
				<i>For &gt;100, Deduct</i>	-51.06	
				<i>For 2" Thick Door, Add</i>	39.55	
				<i>For Polystyrene Core, Add</i>	49.83	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	124.59	
08 13 13	13-0058	EA		3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 646.97		71.38
				<i>For Galvanized Steel Door, Add</i>	100.84	
				<i>For Type 304 Stainless Steel Door, Add</i>	403.36	
				<i>For Type 316 Stainless Steel Door, Add</i>	655.46	
				<i>For Embossed Panel Door, Add</i>	121.01	
				<i>For Baked Enamel Finish, Add</i>	172.68	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-35.92	
				<i>For &gt;100, Deduct</i>	-52.09	
				<i>For 2" Thick Door, Add</i>	40.12	
				<i>For Polystyrene Core, Add</i>	50.42	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	126.05	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 13 13 13-0059	EA	3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	685.08	71.38
		<i>For Galvanized Steel Door, Add</i>	108.46	
		<i>For Type 304 Stainless Steel Door, Add</i>	433.85	
		<i>For Type 316 Stainless Steel Door, Add</i>	705.00	
		<i>For Embossed Panel Door, Add</i>	130.15	
		<i>For Baked Enamel Finish, Add</i>	184.11	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-37.82	
		<i>For &gt;100, Deduct</i>	-54.95	
		<i>For 2" Thick Door, Add</i>	42.89	
		<i>For Polystyrene Core, Add</i>	54.23	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	135.58	
08 13 13 13-0060	EA	3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	705.69	74.36
		<i>For Galvanized Steel Door, Add</i>	111.39	
		<i>For Type 304 Stainless Steel Door, Add</i>	445.58	
		<i>For Type 316 Stainless Steel Door, Add</i>	724.06	
		<i>For Embossed Panel Door, Add</i>	133.67	
		<i>For Baked Enamel Finish, Add</i>	189.40	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-39.00	
		<i>For &gt;100, Deduct</i>	-56.64	
		<i>For 2" Thick Door, Add</i>	44.10	
		<i>For Polystyrene Core, Add</i>	55.70	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	139.24	
08 13 13 13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	776.21	80.31
		<i>For Galvanized Steel Door, Add</i>	123.12	
		<i>For Type 304 Stainless Steel Door, Add</i>	492.47	
		<i>For Type 316 Stainless Steel Door, Add</i>	800.27	
		<i>For Embossed Panel Door, Add</i>	147.74	
		<i>For Baked Enamel Finish, Add</i>	208.77	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-42.83	
		<i>For &gt;100, Deduct</i>	-62.23	
		<i>For 2" Thick Door, Add</i>	48.65	
		<i>For Polystyrene Core, Add</i>	61.56	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	153.90	
08 13 13 13-0062		<b>8' High, 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Doors</b> <small>(08 13 13 13-0032)</small>		
08 13 13 13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	701.98	65.43
		<i>For Up To 1' Extra Height, Add</i>	158.02	
		<i>For 1' To 1'-6" Extra Height, Add</i>	301.48	
		<i>For Galvanized Steel Door, Add</i>	114.22	
		<i>For Type 304 Stainless Steel Door, Add</i>	456.88	
		<i>For Type 316 Stainless Steel Door, Add</i>	742.43	
		<i>For Embossed Panel Door, Add</i>	137.06	
		<i>For Baked Enamel Finish, Add</i>	190.96	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For &gt;50 To 100, Deduct</i>	-38.37	
		<i>For &gt;100, Deduct</i>	-55.92	
		<i>For 2" Thick Door, Add</i>	44.68	
		<i>For Polystyrene Core, Add</i>	57.11	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	142.78	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Metal Doors</b>	<b>08 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0064 EA 2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	701.98	65.43
For Up To 1' Extra Height, Add	158.02	
For 1' To 1'-6" Extra Height, Add	301.48	
For Galvanized Steel Door, Add	114.22	
For Type 304 Stainless Steel Door, Add	456.88	
For Type 316 Stainless Steel Door, Add	742.43	
For Embossed Panel Door, Add	137.06	
For Baked Enamel Finish, Add	190.96	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-38.37	
For >100, Deduct	-55.92	
For 2" Thick Door, Add	44.68	
For Polystyrene Core, Add	57.11	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	142.78	
08 13 13 13-0065 EA 2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	719.60	68.41
For Up To 1' Extra Height, Add	161.26	
For 1' To 1'-6" Extra Height, Add	307.65	
For Galvanized Steel Door, Add	116.56	
For Type 304 Stainless Steel Door, Add	466.22	
For Type 316 Stainless Steel Door, Add	757.61	
For Embossed Panel Door, Add	139.87	
For Baked Enamel Finish, Add	195.36	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-39.40	
For >100, Deduct	-57.39	
For 2" Thick Door, Add	45.67	
For Polystyrene Core, Add	58.28	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.70	
08 13 13 13-0066 EA 2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	728.29	68.41
For Up To 1' Extra Height, Add	163.66	
For 1' To 1'-6" Extra Height, Add	312.24	
For Galvanized Steel Door, Add	118.29	
For Type 304 Stainless Steel Door, Add	473.18	
For Type 316 Stainless Steel Door, Add	768.91	
For Embossed Panel Door, Add	141.95	
For Baked Enamel Finish, Add	197.96	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-39.84	
For >100, Deduct	-58.04	
For 2" Thick Door, Add	46.30	
For Polystyrene Core, Add	59.15	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	147.87	
08 13 13 13-0067 EA 2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	734.74	69.90
For Up To 1' Extra Height, Add	164.62	
For 1' To 1'-6" Extra Height, Add	314.07	
For Galvanized Steel Door, Add	118.99	
For Type 304 Stainless Steel Door, Add	475.96	
For Type 316 Stainless Steel Door, Add	773.44	
For Embossed Panel Door, Add	142.79	
For Baked Enamel Finish, Add	199.45	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-40.23	
For >100, Deduct	-58.60	
For 2" Thick Door, Add	46.63	
For Polystyrene Core, Add	59.50	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.74	
For Continuously Welded And Filled Vertical Edge Seam, Add	74.37	
For Steel Stiffened, Add	148.74	



**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 13 13 13-0068	EA 3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	741.20	71.38
	For Up To 1' Extra Height, Add	165.59	
	For 1' To 1'-6" Extra Height, Add	315.91	
	For Galvanized Steel Door, Add	119.69	
	For Type 304 Stainless Steel Door, Add	478.74	
	For Type 316 Stainless Steel Door, Add	777.96	
	For Embossed Panel Door, Add	143.62	
	For Baked Enamel Finish, Add	200.94	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-40.63	
	For >100, Deduct	-59.16	
	For 2" Thick Door, Add	46.96	
	For Polystyrene Core, Add	59.84	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	149.61	
08 13 13 13-0069	EA 3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	786.43	71.38
	For Up To 1' Extra Height, Add	178.10	
	For 1' To 1'-6" Extra Height, Add	339.79	
	For Galvanized Steel Door, Add	128.73	
	For Type 304 Stainless Steel Door, Add	514.93	
	For Type 316 Stainless Steel Door, Add	836.76	
	For Embossed Panel Door, Add	154.48	
	For Baked Enamel Finish, Add	214.51	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-42.89	
	For >100, Deduct	-62.55	
	For 2" Thick Door, Add	50.23	
	For Polystyrene Core, Add	64.37	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	160.92	
08 13 13 13-0070	EA 3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	809.78	74.36
	For Up To 1' Extra Height, Add	182.92	
	For 1' To 1'-6" Extra Height, Add	348.97	
	For Galvanized Steel Door, Add	132.21	
	For Type 304 Stainless Steel Door, Add	528.85	
	For Type 316 Stainless Steel Door, Add	859.38	
	For Embossed Panel Door, Add	158.65	
	For Baked Enamel Finish, Add	220.63	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.21	
	For >100, Deduct	-64.45	
	For 2" Thick Door, Add	51.64	
	For Polystyrene Core, Add	66.11	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	165.27	
08 13 13 13-0071	EA 4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	891.26	80.31
	For Up To 1' Extra Height, Add	202.17	
	For 1' To 1'-6" Extra Height, Add	385.70	
	For Galvanized Steel Door, Add	146.13	
	For Type 304 Stainless Steel Door, Add	584.51	
	For Type 316 Stainless Steel Door, Add	949.83	
	For Embossed Panel Door, Add	175.35	
	For Baked Enamel Finish, Add	243.29	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-48.58	
	For >100, Deduct	-70.86	
	For 2" Thick Door, Add	56.99	
	For Polystyrene Core, Add	73.06	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	182.66	

08 13 13 13-0072 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal  
Doors (08 13 13 13)

08 13 13 13-0073 6'-8" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow  
Metal Doors (08 13 13 13-0072)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0074	EA			2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	767.10	65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	254.49	
				<i>For Galvanized Steel Door, Add</i>	127.24	
				<i>For Type 304 Stainless Steel Door, Add</i>	508.98	
				<i>For Type 316 Stainless Steel Door, Add</i>	827.09	
				<i>For Embossed Panel Door, Add</i>	152.69	
				<i>For Baked Enamel Finish, Add</i>	210.50	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-41.63	
				<i>For &gt;100, Deduct</i>	-60.80	
				<i>For 2" Thick Door, Add</i>	49.40	
				<i>For Polystyrene Core, Add</i>	63.62	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	159.06	
08 13 13 13-0075	EA			2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	767.10	65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	254.49	
				<i>For Galvanized Steel Door, Add</i>	127.24	
				<i>For Type 304 Stainless Steel Door, Add</i>	508.98	
				<i>For Type 316 Stainless Steel Door, Add</i>	827.09	
				<i>For Embossed Panel Door, Add</i>	152.69	
				<i>For Baked Enamel Finish, Add</i>	210.50	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-41.63	
				<i>For &gt;100, Deduct</i>	-60.80	
				<i>For 2" Thick Door, Add</i>	49.40	
				<i>For Polystyrene Core, Add</i>	63.62	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	159.06	
08 13 13 13-0076	EA			2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	786.05	68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	259.69	
				<i>For Galvanized Steel Door, Add</i>	129.85	
				<i>For Type 304 Stainless Steel Door, Add</i>	519.38	
				<i>For Type 316 Stainless Steel Door, Add</i>	844.00	
				<i>For Embossed Panel Door, Add</i>	155.82	
				<i>For Baked Enamel Finish, Add</i>	215.29	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-42.72	
				<i>For &gt;100, Deduct</i>	-62.37	
				<i>For 2" Thick Door, Add</i>	50.49	
				<i>For Polystyrene Core, Add</i>	64.92	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	162.31	
08 13 13 13-0077	EA			2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	795.74	68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	263.57	
				<i>For Galvanized Steel Door, Add</i>	131.78	
				<i>For Type 304 Stainless Steel Door, Add</i>	527.14	
				<i>For Type 316 Stainless Steel Door, Add</i>	856.60	
				<i>For Embossed Panel Door, Add</i>	158.14	
				<i>For Baked Enamel Finish, Add</i>	218.20	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.21	
				<i>For &gt;100, Deduct</i>	-63.10	
				<i>For 2" Thick Door, Add</i>	51.19	
				<i>For Polystyrene Core, Add</i>	65.89	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	164.73	
08 13 13 13-0078	EA			2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	802.60	69.90
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	265.12	
				<i>For Galvanized Steel Door, Add</i>	132.56	
				<i>For Type 304 Stainless Steel Door, Add</i>	530.25	
				<i>For Type 316 Stainless Steel Door, Add</i>	861.65	
				<i>For Embossed Panel Door, Add</i>	159.07	
				<i>For Baked Enamel Finish, Add</i>	219.81	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.62	
				<i>For &gt;100, Deduct</i>	-63.69	
				<i>For 2" Thick Door, Add</i>	51.55	
				<i>For Polystyrene Core, Add</i>	66.28	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	165.70	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	82.85	
				<i>For Steel Stiffened, Add</i>	165.70	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0079	EA 3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	809.44	71.38
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	266.67	
	<i>For Galvanized Steel Door, Add</i>	133.33	
	<i>For Type 304 Stainless Steel Door, Add</i>	533.34	
	<i>For Type 316 Stainless Steel Door, Add</i>	866.67	
	<i>For Embossed Panel Door, Add</i>	160.00	
	<i>For Baked Enamel Finish, Add</i>	221.42	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-44.04	
	<i>For &gt;100, Deduct</i>	-64.28	
	<i>For 2" Thick Door, Add</i>	51.90	
	<i>For Polystyrene Core, Add</i>	66.67	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	166.67	
08 13 13 13-0080	EA 3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	859.83	71.38
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	286.82	
	<i>For Galvanized Steel Door, Add</i>	143.41	
	<i>For Type 304 Stainless Steel Door, Add</i>	573.65	
	<i>For Type 316 Stainless Steel Door, Add</i>	932.18	
	<i>For Embossed Panel Door, Add</i>	172.09	
	<i>For Baked Enamel Finish, Add</i>	236.53	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-46.56	
	<i>For &gt;100, Deduct</i>	-68.06	
	<i>For 2" Thick Door, Add</i>	55.56	
	<i>For Polystyrene Core, Add</i>	71.71	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	179.27	
08 13 13 13-0081	EA 3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	885.16	74.36
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	294.58	
	<i>For Galvanized Steel Door, Add</i>	147.29	
	<i>For Type 304 Stainless Steel Door, Add</i>	589.15	
	<i>For Type 316 Stainless Steel Door, Add</i>	957.37	
	<i>For Embossed Panel Door, Add</i>	176.75	
	<i>For Baked Enamel Finish, Add</i>	243.24	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-47.98	
	<i>For &gt;100, Deduct</i>	-70.11	
	<i>For 2" Thick Door, Add</i>	57.11	
	<i>For Polystyrene Core, Add</i>	73.64	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	184.11	
08 13 13 13-0082	EA 4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	974.58	80.31
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	325.58	
	<i>For Galvanized Steel Door, Add</i>	162.79	
	<i>For Type 304 Stainless Steel Door, Add</i>	651.17	
	<i>For Type 316 Stainless Steel Door, Add</i>	1,058.15	
	<i>For Embossed Panel Door, Add</i>	195.35	
	<i>For Baked Enamel Finish, Add</i>	268.28	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-52.74	
	<i>For &gt;100, Deduct</i>	-77.11	
	<i>For 2" Thick Door, Add</i>	63.03	
	<i>For Polystyrene Core, Add</i>	81.40	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	203.49	

08 13 13 13-0083 7' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0084	EA			2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 782.20		65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	260.53	
				<i>For Galvanized Steel Door, Add</i>	130.26	
				<i>For Type 304 Stainless Steel Door, Add</i>	521.06	
				<i>For Type 316 Stainless Steel Door, Add</i>	846.72	
				<i>For Embossed Panel Door, Add</i>	156.32	
				<i>For Baked Enamel Finish, Add</i>	215.03	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-42.38	
				<i>For &gt;100, Deduct</i>	-61.94	
				<i>For 2" Thick Door, Add</i>	50.49	
				<i>For Polystyrene Core, Add</i>	65.13	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	162.83	
08 13 13 13-0085	EA			2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 782.20		65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	260.53	
				<i>For Galvanized Steel Door, Add</i>	130.26	
				<i>For Type 304 Stainless Steel Door, Add</i>	521.06	
				<i>For Type 316 Stainless Steel Door, Add</i>	846.72	
				<i>For Embossed Panel Door, Add</i>	156.32	
				<i>For Baked Enamel Finish, Add</i>	215.03	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-42.38	
				<i>For &gt;100, Deduct</i>	-61.94	
				<i>For 2" Thick Door, Add</i>	50.49	
				<i>For Polystyrene Core, Add</i>	65.13	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	162.83	
08 13 13 13-0086	EA			2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 801.46		68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	265.86	
				<i>For Galvanized Steel Door, Add</i>	132.93	
				<i>For Type 304 Stainless Steel Door, Add</i>	531.71	
				<i>For Type 316 Stainless Steel Door, Add</i>	864.03	
				<i>For Embossed Panel Door, Add</i>	159.51	
				<i>For Baked Enamel Finish, Add</i>	219.92	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.49	
				<i>For &gt;100, Deduct</i>	-63.53	
				<i>For 2" Thick Door, Add</i>	51.61	
				<i>For Polystyrene Core, Add</i>	66.46	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	166.16	
08 13 13 13-0087	EA			2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 811.38		68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	269.82	
				<i>For Galvanized Steel Door, Add</i>	134.91	
				<i>For Type 304 Stainless Steel Door, Add</i>	539.65	
				<i>For Type 316 Stainless Steel Door, Add</i>	876.93	
				<i>For Embossed Panel Door, Add</i>	161.89	
				<i>For Baked Enamel Finish, Add</i>	222.89	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.99	
				<i>For &gt;100, Deduct</i>	-64.27	
				<i>For 2" Thick Door, Add</i>	52.33	
				<i>For Polystyrene Core, Add</i>	67.46	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	168.64	
08 13 13 13-0088	EA			2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... 818.32		69.90
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	271.41	
				<i>For Galvanized Steel Door, Add</i>	135.71	
				<i>For Type 304 Stainless Steel Door, Add</i>	542.82	
				<i>For Type 316 Stainless Steel Door, Add</i>	882.09	
				<i>For Embossed Panel Door, Add</i>	162.85	
				<i>For Baked Enamel Finish, Add</i>	224.53	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-44.41	
				<i>For &gt;100, Deduct</i>	-64.87	
				<i>For 2" Thick Door, Add</i>	52.69	
				<i>For Polystyrene Core, Add</i>	67.85	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	169.63	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.82	
				<i>For Steel Stiffened, Add</i>	169.63	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0089	EA 3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	825.26	71.38
	For 14 Gauge, Level 4 Maximum Duty, Add	273.00	
	For Galvanized Steel Door, Add	136.50	
	For Type 304 Stainless Steel Door, Add	545.99	
	For Type 316 Stainless Steel Door, Add	887.24	
	For Embossed Panel Door, Add	163.80	
	For Baked Enamel Finish, Add	226.16	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.83	
	For >100, Deduct	-65.46	
	For 2" Thick Door, Add	53.05	
	For Polystyrene Core, Add	68.25	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	170.62	
08 13 13 13-0090	EA 3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	876.85	71.38
	For 14 Gauge, Level 4 Maximum Duty, Add	293.63	
	For Galvanized Steel Door, Add	146.82	
	For Type 304 Stainless Steel Door, Add	587.26	
	For Type 316 Stainless Steel Door, Add	954.30	
	For Embossed Panel Door, Add	176.18	
	For Baked Enamel Finish, Add	241.64	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-47.41	
	For >100, Deduct	-69.33	
	For 2" Thick Door, Add	56.79	
	For Polystyrene Core, Add	73.41	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	183.52	
08 13 13 13-0091	EA 3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	902.64	74.36
	For 14 Gauge, Level 4 Maximum Duty, Add	301.57	
	For Galvanized Steel Door, Add	150.78	
	For Type 304 Stainless Steel Door, Add	603.14	
	For Type 316 Stainless Steel Door, Add	980.10	
	For Embossed Panel Door, Add	180.94	
	For Baked Enamel Finish, Add	248.48	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-48.85	
	For >100, Deduct	-71.42	
	For 2" Thick Door, Add	58.38	
	For Polystyrene Core, Add	75.39	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	188.48	
08 13 13 13-0092	EA 4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	993.90	80.31
	For 14 Gauge, Level 4 Maximum Duty, Add	333.31	
	For Galvanized Steel Door, Add	166.66	
	For Type 304 Stainless Steel Door, Add	666.62	
	For Type 316 Stainless Steel Door, Add	1,083.26	
	For Embossed Panel Door, Add	199.99	
	For Baked Enamel Finish, Add	274.08	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-53.71	
	For >100, Deduct	-78.56	
	For 2" Thick Door, Add	64.43	
	For Polystyrene Core, Add	83.33	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	208.32	

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0094	EA		2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	797.30	65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	266.57	
				<i>For Galvanized Steel Door, Add</i>	133.28	
				<i>For Type 304 Stainless Steel Door, Add</i>	533.14	
				<i>For Type 316 Stainless Steel Door, Add</i>	866.35	
				<i>For Embossed Panel Door, Add</i>	159.94	
				<i>For Baked Enamel Finish, Add</i>	219.56	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.14	
				<i>For &gt;100, Deduct</i>	-63.07	
				<i>For 2" Thick Door, Add</i>	51.59	
				<i>For Polystyrene Core, Add</i>	66.64	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	166.61	
08 13 13	13-0095	EA		2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	797.30	65.43
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	266.57	
				<i>For Galvanized Steel Door, Add</i>	133.28	
				<i>For Type 304 Stainless Steel Door, Add</i>	533.14	
				<i>For Type 316 Stainless Steel Door, Add</i>	866.35	
				<i>For Embossed Panel Door, Add</i>	159.94	
				<i>For Baked Enamel Finish, Add</i>	219.56	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-43.14	
				<i>For &gt;100, Deduct</i>	-63.07	
				<i>For 2" Thick Door, Add</i>	51.59	
				<i>For Polystyrene Core, Add</i>	66.64	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	166.61	
08 13 13	13-0096	EA		2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	816.87	68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	272.02	
				<i>For Galvanized Steel Door, Add</i>	136.01	
				<i>For Type 304 Stainless Steel Door, Add</i>	544.04	
				<i>For Type 316 Stainless Steel Door, Add</i>	884.07	
				<i>For Embossed Panel Door, Add</i>	163.21	
				<i>For Baked Enamel Finish, Add</i>	224.54	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-44.26	
				<i>For &gt;100, Deduct</i>	-64.69	
				<i>For 2" Thick Door, Add</i>	52.72	
				<i>For Polystyrene Core, Add</i>	68.01	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	170.01	
08 13 13	13-0097	EA		2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	827.02	68.41
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	276.08	
				<i>For Galvanized Steel Door, Add</i>	138.04	
				<i>For Type 304 Stainless Steel Door, Add</i>	552.16	
				<i>For Type 316 Stainless Steel Door, Add</i>	897.26	
				<i>For Embossed Panel Door, Add</i>	165.65	
				<i>For Baked Enamel Finish, Add</i>	227.58	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-44.77	
				<i>For &gt;100, Deduct</i>	-65.45	
				<i>For 2" Thick Door, Add</i>	53.46	
				<i>For Polystyrene Core, Add</i>	69.02	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	172.55	
08 13 13	13-0098	EA		2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	834.06	69.90
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	277.71	
				<i>For Galvanized Steel Door, Add</i>	138.85	
				<i>For Type 304 Stainless Steel Door, Add</i>	555.42	
				<i>For Type 316 Stainless Steel Door, Add</i>	902.55	
				<i>For Embossed Panel Door, Add</i>	166.62	
				<i>For Baked Enamel Finish, Add</i>	229.25	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For &gt;50 To 100, Deduct</i>	-45.20	
				<i>For &gt;100, Deduct</i>	-66.05	
				<i>For 2" Thick Door, Add</i>	53.83	
				<i>For Polystyrene Core, Add</i>	69.43	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	173.57	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	86.78	
				<i>For Steel Stiffened, Add</i>	173.57	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 13</b>	<b>Metal Doors</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0099	EA 3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	841.09	71.38
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	279.33	
	<i>For Galvanized Steel Door, Add</i>	139.66	
	<i>For Type 304 Stainless Steel Door, Add</i>	558.66	
	<i>For Type 316 Stainless Steel Door, Add</i>	907.82	
	<i>For Embossed Panel Door, Add</i>	167.60	
	<i>For Baked Enamel Finish, Add</i>	230.91	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-45.62	
	<i>For &gt;100, Deduct</i>	-66.65	
	<i>For 2" Thick Door, Add</i>	54.20	
	<i>For Polystyrene Core, Add</i>	69.83	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	174.58	
08 13 13 13-0100	EA 3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	893.87	71.38
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	300.44	
	<i>For Galvanized Steel Door, Add</i>	150.22	
	<i>For Type 304 Stainless Steel Door, Add</i>	600.88	
	<i>For Type 316 Stainless Steel Door, Add</i>	976.43	
	<i>For Embossed Panel Door, Add</i>	180.26	
	<i>For Baked Enamel Finish, Add</i>	246.75	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-48.26	
	<i>For &gt;100, Deduct</i>	-70.61	
	<i>For 2" Thick Door, Add</i>	58.02	
	<i>For Polystyrene Core, Add</i>	75.11	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	187.78	
08 13 13 13-0101	EA 3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	920.12	74.36
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	308.56	
	<i>For Galvanized Steel Door, Add</i>	154.28	
	<i>For Type 304 Stainless Steel Door, Add</i>	617.12	
	<i>For Type 316 Stainless Steel Door, Add</i>	1,002.82	
	<i>For Embossed Panel Door, Add</i>	185.14	
	<i>For Baked Enamel Finish, Add</i>	253.73	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-49.72	
	<i>For &gt;100, Deduct</i>	-72.73	
	<i>For 2" Thick Door, Add</i>	59.64	
	<i>For Polystyrene Core, Add</i>	77.14	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	192.85	
08 13 13 13-0102	EA 4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	1,013.22	80.31
	<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	341.04	
	<i>For Galvanized Steel Door, Add</i>	170.52	
	<i>For Type 304 Stainless Steel Door, Add</i>	682.08	
	<i>For Type 316 Stainless Steel Door, Add</i>	1,108.38	
	<i>For Embossed Panel Door, Add</i>	204.62	
	<i>For Baked Enamel Finish, Add</i>	279.87	
	<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
	<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
	<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
	<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
	<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
	<i>For &gt;50 To 100, Deduct</i>	-54.68	
	<i>For &gt;100, Deduct</i>	-80.01	
	<i>For 2" Thick Door, Add</i>	65.83	
	<i>For Polystyrene Core, Add</i>	85.26	
	<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	213.15	

08 13 13 13-0103 8' High, 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)



	<b>Openings</b>	<b>08</b>
	<b>Doors and Frames</b>	<b>08 10</b>
	<b>Metal Doors</b>	<b>08 13</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0104 EA 2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	921.85	65.43
For Up To 1' Extra Height, Add	218.86	
For 14 Gauge, Level 4 Maximum Duty, Add	316.39	
For Galvanized Steel Door, Add	158.19	
For Type 304 Stainless Steel Door, Add	632.78	
For Type 316 Stainless Steel Door, Add	1,028.26	
For Embossed Panel Door, Add	189.83	
For Baked Enamel Finish, Add	256.92	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-49.36	
For >100, Deduct	-72.41	
For 2" Thick Door, Add	60.62	
For Polystyrene Core, Add	79.10	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	197.74	
08 13 13 13-0105 EA 2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	921.85	65.43
For Up To 1' Extra Height, Add	218.86	
For 14 Gauge, Level 4 Maximum Duty, Add	316.39	
For Galvanized Steel Door, Add	158.19	
For Type 304 Stainless Steel Door, Add	632.78	
For Type 316 Stainless Steel Door, Add	1,028.26	
For Embossed Panel Door, Add	189.83	
For Baked Enamel Finish, Add	256.92	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-49.36	
For >100, Deduct	-72.41	
For 2" Thick Door, Add	60.62	
For Polystyrene Core, Add	79.10	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	197.74	
08 13 13 13-0106 EA 2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	943.97	68.41
For Up To 1' Extra Height, Add	223.34	
For 14 Gauge, Level 4 Maximum Duty, Add	322.86	
For Galvanized Steel Door, Add	161.43	
For Type 304 Stainless Steel Door, Add	645.72	
For Type 316 Stainless Steel Door, Add	1,049.30	
For Embossed Panel Door, Add	193.72	
For Baked Enamel Finish, Add	262.67	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-50.62	
For >100, Deduct	-74.22	
For 2" Thick Door, Add	61.94	
For Polystyrene Core, Add	80.72	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	201.79	
08 13 13 13-0107 EA 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	956.01	68.41
For Up To 1' Extra Height, Add	226.67	
For 14 Gauge, Level 4 Maximum Duty, Add	327.68	
For Galvanized Steel Door, Add	163.84	
For Type 304 Stainless Steel Door, Add	655.35	
For Type 316 Stainless Steel Door, Add	1,064.95	
For Embossed Panel Door, Add	196.61	
For Baked Enamel Finish, Add	266.28	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-51.22	
For >100, Deduct	-75.12	
For 2" Thick Door, Add	62.81	
For Polystyrene Core, Add	81.92	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	204.80	

**08 Openings****08 10 Doors and Frames****08 13 Metal Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 13 13 13-0108	EA 2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	963.80	69.90
	For Up To 1' Extra Height, Add	228.00	
	For 14 Gauge, Level 4 Maximum Duty, Add	329.60	
	For Galvanized Steel Door, Add	164.80	
	For Type 304 Stainless Steel Door, Add	659.21	
	For Type 316 Stainless Steel Door, Add	1,071.21	
	For Embossed Panel Door, Add	197.76	
	For Baked Enamel Finish, Add	268.17	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-51.68	
	For >100, Deduct	-75.78	
	For 2" Thick Door, Add	63.24	
	For Polystyrene Core, Add	82.40	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	206.00	
	For Continuously Welded And Filled Vertical Edge Seam, Add	103.00	
	For Steel Stiffened, Add	206.00	
08 13 13 13-0109	EA 3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door .....	971.59	71.38
	For Up To 1' Extra Height, Add	229.33	
	For 14 Gauge, Level 4 Maximum Duty, Add	331.53	
	For Galvanized Steel Door, Add	165.76	
	For Type 304 Stainless Steel Door, Add	663.06	
	For Type 316 Stainless Steel Door, Add	1,077.47	
	For Embossed Panel Door, Add	198.92	
	For Baked Enamel Finish, Add	270.06	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-52.15	
	For >100, Deduct	-76.44	
	For 2" Thick Door, Add	63.66	
	For Polystyrene Core, Add	82.88	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	207.21	
08 13 13 13-0110	EA 3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	1,034.24	71.38
	For Up To 1' Extra Height, Add	246.67	
	For 14 Gauge, Level 4 Maximum Duty, Add	356.59	
	For Galvanized Steel Door, Add	178.29	
	For Type 304 Stainless Steel Door, Add	713.18	
	For Type 316 Stainless Steel Door, Add	1,158.91	
	For Embossed Panel Door, Add	213.95	
	For Baked Enamel Finish, Add	288.86	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-55.28	
	For >100, Deduct	-81.14	
	For 2" Thick Door, Add	68.20	
	For Polystyrene Core, Add	89.15	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	222.87	
08 13 13 13-0111	EA 3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door.....	1,064.29	74.36
	For Up To 1' Extra Height, Add	253.34	
	For 1' To 1'-6" Extra Height, Add	483.33	
	For 14 Gauge, Level 4 Maximum Duty, Add	366.23	
	For Galvanized Steel Door, Add	183.11	
	For Type 304 Stainless Steel Door, Add	732.46	
	For Type 316 Stainless Steel Door, Add	1,190.24	
	For Embossed Panel Door, Add	219.74	
	For Baked Enamel Finish, Add	296.98	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-56.93	
	For >100, Deduct	-83.54	
	For 2" Thick Door, Add	70.10	
	For Polystyrene Core, Add	91.56	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	228.89	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 13 13	13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy-Duty, Honeycomb Core, Hollow Metal Door ..... <i>For Up To 1' Extra Height, Add</i> <i>For 1' To 1'-6" Extra Height, Add</i> <i>For 14 Gauge, Level 4 Maximum Duty, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	1,172.56 280.00 534.20 404.78 202.39 809.55 1,315.52 242.87 327.68 27.63 41.40 55.27 93.38 131.50 -62.64 -91.96 77.38 101.19 252.99	80.31
	<b>08 13 13 53 Custom Hollow Metal Doors</b> <small>(08 13 13)</small>					
	08 13 13	53-0001		<b>Steel 18 Gauge 1-3/4" Unrated Door</b> <small>(08 13 13 53)</small>		
	08 13 13	53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door ..... <i>For 16 Gauge Door, Add</i>	1,707.51 20.30	148.72
	08 13 13	53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door..... <i>For 16 Gauge Door, Add</i>	1,792.08 20.30	178.46
	<b>08 13 73 Sliding Metal Doors</b> <small>(08 13)</small>					
	08 13 73	00-0001		<b>Sliding Bypass Mirror Doors</b> <small>(08 13 73)</small> Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.		
	08 13 73	00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors .....	604.27	89.24
	08 13 73	00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors .....	690.23	95.19
	08 13 73	00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors .....	776.18	101.13
	08 13 73	00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors .....	936.19	107.08
	<b>08 14 Wood Doors</b> <small>(08 10)</small>					
	Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included). See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.					
	<b>08 14 16 Flush Wood Doors</b> <small>(08 14)</small>					
	08 14 16	00-0001		<b>1-3/8" Thick, Hollow Core (HC), Wood Doors</b> <small>(08 14 16)</small>		
	08 14 16	00-0002		<b>Birch Faced Wood Door</b> <small>(08 14 16 00-0001)</small>		
	08 14 16	00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	252.68 -15.91 -22.22	65.43
	08 14 16	00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	252.68 -15.91 -22.22	65.43
	08 14 16	00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	267.25 -16.78 -23.46	68.41
	08 14 16	00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	273.60 -17.10 -23.94	68.41
	08 14 16	00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	275.08 -17.17 -24.05	68.41
	08 14 16	00-0008	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	281.79 -17.66 -24.70	71.38
	08 14 16	00-0009	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	295.36 -18.34 -25.72	71.38
	08 14 16	00-0010	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	311.08 -19.27 -27.05	74.36
	08 14 16	00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	259.78 -16.26 -22.76	65.43
	08 14 16	00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	259.78 -16.26 -22.76	65.43
	08 14 16	00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	274.85 -17.16 -24.03	68.41
	08 14 16	00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	281.57 -17.50 -24.54	68.41

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0015	EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	283.14 -17.58 -24.66	68.41
08 14 16 00-0016	EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	289.87 -18.06 -25.31	71.38
08 14 16 00-0017	EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	304.24 -18.78 -26.39	71.38
08 14 16 00-0018	EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	320.52 -19.74 -27.76	74.36
08 14 16 00-0019	EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	284.91 -17.52 -24.64	65.43
08 14 16 00-0020	EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	284.91 -17.52 -24.64 32.35	65.43
08 14 16 00-0021	EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	301.77 -18.51 -26.05 34.64	68.41
08 14 16 00-0022	EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	309.78 -18.91 -26.65 36.32	68.41
08 14 16 00-0023	EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	311.67 -19.00 -26.80 36.72	68.41
08 14 16 00-0024	EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	318.55 -19.50 -27.46 36.91	71.38
08 14 16 00-0025	EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	335.72 -20.36 -28.75 40.52	71.38
08 14 16 00-0026	EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	354.01 -21.42 -30.27 43.11	74.36
<b>08 14 16 00-0027</b>	<b>Oak Faced Wood Door</b> <small>(08 14 16 00-0001)</small>		
08 14 16 00-0028	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	316.88 -19.12 -27.04	65.43
08 14 16 00-0029	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	316.88 -19.12 -27.04	65.43
08 14 16 00-0030	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	336.00 -20.22 -28.62	68.41
08 14 16 00-0031	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	345.70 -20.71 -29.35	68.41
08 14 16 00-0032	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	347.41 -20.79 -29.48	68.41
08 14 16 00-0033	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	355.07 -21.32 -30.20	71.38
08 14 16 00-0034	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	375.77 -22.36 -31.75	71.38
08 14 16 00-0035	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	396.65 -23.55 -33.47	74.36
08 14 16 00-0036	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	327.70 -19.66 -27.85	65.43
08 14 16 00-0037	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	327.70 -19.66 -27.85	65.43
08 14 16 00-0038	EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	347.60 -20.80 -29.49	68.41
08 14 16 00-0039	EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	357.86 -21.31 -30.26	68.41



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 14 16 00-0040	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	359.66	68.41
				<i>For &gt;50 To 100, Deduct</i>	-21.40	
				<i>For &gt;100, Deduct</i>	-30.40	
	08 14 16 00-0041	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	367.41	71.38
				<i>For &gt;50 To 100, Deduct</i>	-21.94	
				<i>For &gt;100, Deduct</i>	-31.13	
	08 14 16 00-0042	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	389.33	71.38
				<i>For &gt;50 To 100, Deduct</i>	-23.04	
				<i>For &gt;100, Deduct</i>	-32.77	
	08 14 16 00-0043	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	411.07	74.36
				<i>For &gt;50 To 100, Deduct</i>	-24.27	
				<i>For &gt;100, Deduct</i>	-34.55	
	08 14 16 00-0044	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	366.09	65.43
				<i>For &gt;50 To 100, Deduct</i>	-21.58	
				<i>For &gt;100, Deduct</i>	-30.73	
				<i>For 9' Door Height, Add</i>	49.39	
	08 14 16 00-0045	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	366.09	65.43
				<i>For &gt;50 To 100, Deduct</i>	-21.58	
				<i>For &gt;100, Deduct</i>	-30.73	
				<i>For 9' Door Height, Add</i>	49.39	
	08 14 16 00-0046	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	388.70	68.41
				<i>For &gt;50 To 100, Deduct</i>	-22.86	
				<i>For &gt;100, Deduct</i>	-32.57	
				<i>For 9' Door Height, Add</i>	52.89	
	08 14 16 00-0047	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	400.94	68.41
				<i>For &gt;50 To 100, Deduct</i>	-23.47	
				<i>For &gt;100, Deduct</i>	-33.49	
				<i>For 9' Door Height, Add</i>	55.47	
	08 14 16 00-0048	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	403.12	68.41
				<i>For &gt;50 To 100, Deduct</i>	-23.58	
				<i>For &gt;100, Deduct</i>	-33.65	
				<i>For 9' Door Height, Add</i>	55.92	
	08 14 16 00-0049	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	411.21	71.38
				<i>For &gt;50 To 100, Deduct</i>	-24.13	
				<i>For &gt;100, Deduct</i>	-34.41	
				<i>For 9' Door Height, Add</i>	56.37	
	08 14 16 00-0050	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	437.42	71.38
				<i>For &gt;50 To 100, Deduct</i>	-25.44	
				<i>For &gt;100, Deduct</i>	-36.38	
				<i>For 9' Door Height, Add</i>	61.88	
	08 14 16 00-0051	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	462.24	74.36
				<i>For &gt;50 To 100, Deduct</i>	-26.83	
				<i>For &gt;100, Deduct</i>	-38.39	
				<i>For 9' Door Height, Add</i>	65.84	
	<b>08 14 16 00-0052</b>			<b>Maple Faced Wood Door</b> <small>(08 14 16 00-0001)</small>		
	08 14 16 00-0053	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	311.67	65.43
				<i>For &gt;50 To 100, Deduct</i>	-18.86	
				<i>For &gt;100, Deduct</i>	-26.65	
	08 14 16 00-0054	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	311.67	65.43
				<i>For &gt;50 To 100, Deduct</i>	-18.86	
				<i>For &gt;100, Deduct</i>	-26.65	
	08 14 16 00-0055	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	330.40	68.41
				<i>For &gt;50 To 100, Deduct</i>	-19.94	
				<i>For &gt;100, Deduct</i>	-28.20	
	08 14 16 00-0056	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	339.85	68.41
				<i>For &gt;50 To 100, Deduct</i>	-20.41	
				<i>For &gt;100, Deduct</i>	-28.91	
	08 14 16 00-0057	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	341.51	68.41
				<i>For &gt;50 To 100, Deduct</i>	-20.50	
				<i>For &gt;100, Deduct</i>	-29.03	
	08 14 16 00-0058	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	349.12	71.38
				<i>For &gt;50 To 100, Deduct</i>	-21.03	
				<i>For &gt;100, Deduct</i>	-29.75	
	08 14 16 00-0059	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	369.24	71.38
				<i>For &gt;50 To 100, Deduct</i>	-22.03	
				<i>For &gt;100, Deduct</i>	-31.26	
	08 14 16 00-0060	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	389.69	74.36
				<i>For &gt;50 To 100, Deduct</i>	-23.20	
				<i>For &gt;100, Deduct</i>	-32.94	
	08 14 16 00-0061	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	322.17	65.43
				<i>For &gt;50 To 100, Deduct</i>	-19.38	
				<i>For &gt;100, Deduct</i>	-27.43	
	08 14 16 00-0062	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	322.17	65.43
				<i>For &gt;50 To 100, Deduct</i>	-19.38	
				<i>For &gt;100, Deduct</i>	-27.43	
	08 14 16 00-0063	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	341.68	68.41
				<i>For &gt;50 To 100, Deduct</i>	-20.50	
				<i>For &gt;100, Deduct</i>	-29.05	
	08 14 16 00-0064	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	351.66	68.41
				<i>For &gt;50 To 100, Deduct</i>	-21.00	
				<i>For &gt;100, Deduct</i>	-29.80	



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0065	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	353.42	68.41
			<i>For &gt;50 To 100, Deduct</i>	-21.09	
			<i>For &gt;100, Deduct</i>	-29.93	
08 14 16 00-0066	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	361.11	71.38
			<i>For &gt;50 To 100, Deduct</i>	-21.62	
			<i>For &gt;100, Deduct</i>	-30.65	
08 14 16 00-0067	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	382.41	71.38
			<i>For &gt;50 To 100, Deduct</i>	-22.69	
			<i>For &gt;100, Deduct</i>	-32.25	
08 14 16 00-0068	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	403.72	74.36
			<i>For &gt;50 To 100, Deduct</i>	-23.90	
			<i>For &gt;100, Deduct</i>	-34.00	
08 14 16 00-0069	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	359.49	65.43
			<i>For &gt;50 To 100, Deduct</i>	-21.25	
			<i>For &gt;100, Deduct</i>	-30.23	
			<i>For 9' Door Height, Add</i>	48.01	
08 14 16 00-0070	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	359.49	65.43
			<i>For &gt;50 To 100, Deduct</i>	-21.25	
			<i>For &gt;100, Deduct</i>	-30.23	
			<i>For 9' Door Height, Add</i>	48.01	
08 14 16 00-0071	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	381.62	68.41
			<i>For &gt;50 To 100, Deduct</i>	-22.50	
			<i>For &gt;100, Deduct</i>	-32.04	
			<i>For 9' Door Height, Add</i>	51.41	
08 14 16 00-0072	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	393.53	68.41
			<i>For &gt;50 To 100, Deduct</i>	-23.10	
			<i>For &gt;100, Deduct</i>	-32.94	
			<i>For 9' Door Height, Add</i>	53.91	
08 14 16 00-0073	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	395.65	68.41
			<i>For &gt;50 To 100, Deduct</i>	-23.20	
			<i>For &gt;100, Deduct</i>	-33.09	
			<i>For 9' Door Height, Add</i>	54.35	
08 14 16 00-0074	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	403.69	71.38
			<i>For &gt;50 To 100, Deduct</i>	-23.75	
			<i>For &gt;100, Deduct</i>	-33.85	
			<i>For 9' Door Height, Add</i>	54.79	
08 14 16 00-0075	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	429.17	71.38
			<i>For &gt;50 To 100, Deduct</i>	-25.03	
			<i>For &gt;100, Deduct</i>	-35.76	
			<i>For 9' Door Height, Add</i>	60.14	
08 14 16 00-0076	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	453.45	74.36
			<i>For &gt;50 To 100, Deduct</i>	-26.39	
			<i>For &gt;100, Deduct</i>	-37.73	
			<i>For 9' Door Height, Add</i>	63.99	
<b>08 14 16 00-0077</b>			<b>Luan Faced Wood Doors</b> <small>(08 14 16 00-0001)</small>		
08 14 16 00-0078	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	218.45	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.19	
			<i>For &gt;100, Deduct</i>	-19.66	
08 14 16 00-0079	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	218.45	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.19	
			<i>For &gt;100, Deduct</i>	-19.66	
08 14 16 00-0080	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	230.33	68.41
			<i>For &gt;50 To 100, Deduct</i>	-14.94	
			<i>For &gt;100, Deduct</i>	-20.70	
08 14 16 00-0081	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	235.34	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.19	
			<i>For &gt;100, Deduct</i>	-21.07	
08 14 16 00-0082	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	237.11	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.28	
			<i>For &gt;100, Deduct</i>	-21.20	
08 14 16 00-0083	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	244.82	71.38
			<i>For &gt;50 To 100, Deduct</i>	-15.81	
			<i>For &gt;100, Deduct</i>	-21.93	
08 14 16 00-0084	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	254.58	71.38
			<i>For &gt;50 To 100, Deduct</i>	-16.30	
			<i>For &gt;100, Deduct</i>	-22.66	
08 14 16 00-0085	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	267.70	74.36
			<i>For &gt;50 To 100, Deduct</i>	-17.10	
			<i>For &gt;100, Deduct</i>	-23.80	
08 14 16 00-0086	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	223.55	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.45	
			<i>For &gt;100, Deduct</i>	-20.04	
08 14 16 00-0087	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	227.24	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.63	
			<i>For &gt;100, Deduct</i>	-20.32	
08 14 16 00-0088	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	235.77	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.21	
			<i>For &gt;100, Deduct</i>	-21.10	
08 14 16 00-0089	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door.....	241.07	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.47	
			<i>For &gt;100, Deduct</i>	-21.50	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0090 EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	247.18	68.41
For >50 To 100, Deduct	-15.78	
For >100, Deduct	-21.96	
08 14 16 00-0091 EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	250.76	71.38
For >50 To 100, Deduct	-16.11	
For >100, Deduct	-22.38	
08 14 16 00-0092 EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	261.09	71.38
For >50 To 100, Deduct	-16.62	
For >100, Deduct	-23.15	
08 14 16 00-0093 EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	279.64	74.36
For >50 To 100, Deduct	-17.70	
For >100, Deduct	-24.69	
08 14 16 00-0094 EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	241.63	65.43
For >50 To 100, Deduct	-15.35	
For >100, Deduct	-21.39	
For 9' Door Height, Add	23.26	
08 14 16 00-0095 EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	241.60	65.43
For >50 To 100, Deduct	-15.35	
For >100, Deduct	-21.39	
For 9' Door Height, Add	23.25	
08 14 16 00-0096 EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	255.07	68.41
For >50 To 100, Deduct	-16.17	
For >100, Deduct	-22.55	
For 9' Door Height, Add	24.83	
08 14 16 00-0097 EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	261.39	68.41
For >50 To 100, Deduct	-16.49	
For >100, Deduct	-23.02	
For 9' Door Height, Add	26.16	
08 14 16 00-0098 EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	263.64	68.41
For >50 To 100, Deduct	-16.60	
For >100, Deduct	-23.19	
For 9' Door Height, Add	26.63	
08 14 16 00-0099 EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	271.82	71.38
For >50 To 100, Deduct	-17.16	
For >100, Deduct	-23.96	
For 9' Door Height, Add	27.10	
08 14 16 00-0100 EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	284.17	71.38
For >50 To 100, Deduct	-17.78	
For >100, Deduct	-24.88	
For 9' Door Height, Add	29.69	
08 14 16 00-0101 EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	299.15	74.36
For >50 To 100, Deduct	-18.68	
For >100, Deduct	-26.15	
For 9' Door Height, Add	31.59	
<b>08 14 16 00-0102 Medium Density Overlay (MDO) Faced Wood Doors</b> <small>(08 14 16 00-0001)</small>		
08 14 16 00-0103 EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	237.30	65.43
For >50 To 100, Deduct	-15.14	
For >100, Deduct	-21.07	
08 14 16 00-0104 EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	237.30	65.43
For >50 To 100, Deduct	-15.14	
For >100, Deduct	-21.07	
08 14 16 00-0105 EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	251.00	68.41
For >50 To 100, Deduct	-15.97	
For >100, Deduct	-22.25	
08 14 16 00-0106 EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	254.67	68.41
For >50 To 100, Deduct	-16.15	
For >100, Deduct	-22.52	
08 14 16 00-0107 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	258.36	68.41
For >50 To 100, Deduct	-16.34	
For >100, Deduct	-22.80	
08 14 16 00-0108 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	267.98	71.38
For >50 To 100, Deduct	-16.97	
For >100, Deduct	-23.67	
08 14 16 00-0109 EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	281.76	71.38
For >50 To 100, Deduct	-17.66	
For >100, Deduct	-24.70	
08 14 16 00-0110 EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door .....	296.59	74.36
For >50 To 100, Deduct	-18.55	
For >100, Deduct	-25.96	
08 14 16 00-0111 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	243.48	65.43
For >50 To 100, Deduct	-15.45	
For >100, Deduct	-21.53	
08 14 16 00-0112 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	243.48	65.43
For >50 To 100, Deduct	-15.45	
For >100, Deduct	-21.53	
08 14 16 00-0113 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	257.63	68.41
For >50 To 100, Deduct	-16.30	
For >100, Deduct	-22.74	
08 14 16 00-0114 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.53	68.41
For >50 To 100, Deduct	-16.50	
For >100, Deduct	-23.04	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0115	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	265.44	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.69	
			<i>For &gt;100, Deduct</i>	-23.33	
08 14 16 00-0116	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	275.27	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.33	
			<i>For &gt;100, Deduct</i>	-24.21	
08 14 16 00-0117	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	289.85	71.38
			<i>For &gt;50 To 100, Deduct</i>	-18.06	
			<i>For &gt;100, Deduct</i>	-25.31	
08 14 16 00-0118	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	305.20	74.36
			<i>For &gt;50 To 100, Deduct</i>	-18.98	
			<i>For &gt;100, Deduct</i>	-26.61	
08 14 16 00-0119	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	265.43	65.43
			<i>For &gt;50 To 100, Deduct</i>	-16.54	
			<i>For &gt;100, Deduct</i>	-23.18	
			<i>For 9' Door Height, Add</i>	28.26	
08 14 16 00-0120	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	265.45	65.43
			<i>For &gt;50 To 100, Deduct</i>	-16.54	
			<i>For &gt;100, Deduct</i>	-23.18	
			<i>For 9' Door Height, Add</i>	28.26	
08 14 16 00-0121	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	281.19	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.48	
			<i>For &gt;100, Deduct</i>	-24.51	
			<i>For 9' Door Height, Add</i>	30.32	
08 14 16 00-0122	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	285.86	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.71	
			<i>For &gt;100, Deduct</i>	-24.86	
			<i>For 9' Door Height, Add</i>	31.30	
08 14 16 00-0123	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	290.53	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.95	
			<i>For &gt;100, Deduct</i>	-25.21	
			<i>For 9' Door Height, Add</i>	32.28	
08 14 16 00-0124	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	301.12	71.38
			<i>For &gt;50 To 100, Deduct</i>	-18.63	
			<i>For &gt;100, Deduct</i>	-26.15	
			<i>For 9' Door Height, Add</i>	33.25	
08 14 16 00-0125	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	318.54	71.38
			<i>For &gt;50 To 100, Deduct</i>	-19.50	
			<i>For &gt;100, Deduct</i>	-27.46	
			<i>For 9' Door Height, Add</i>	36.91	
08 14 16 00-0126	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	335.71	74.36
			<i>For &gt;50 To 100, Deduct</i>	-20.50	
			<i>For &gt;100, Deduct</i>	-28.90	
			<i>For 9' Door Height, Add</i>	39.27	
08 14 16 00-0127			1-3/4" Thick, Hollow Core (HC), Wood Doors <small>(08 14 16)</small>		
08 14 16 00-0128			Birch Faced Wood Doors <small>(08 14 16 00-0127)</small>		
08 14 16 00-0129	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	283.12	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.43	
			<i>For &gt;100, Deduct</i>	-24.51	
08 14 16 00-0130	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	283.12	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.43	
			<i>For &gt;100, Deduct</i>	-24.51	
08 14 16 00-0131	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	294.80	68.41
			<i>For &gt;50 To 100, Deduct</i>	-18.16	
			<i>For &gt;100, Deduct</i>	-25.53	
08 14 16 00-0132	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	296.94	68.41
			<i>For &gt;50 To 100, Deduct</i>	-18.27	
			<i>For &gt;100, Deduct</i>	-25.69	
08 14 16 00-0133	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	301.62	68.41
			<i>For &gt;50 To 100, Deduct</i>	-18.50	
			<i>For &gt;100, Deduct</i>	-26.04	
08 14 16 00-0134	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	312.26	71.38
			<i>For &gt;50 To 100, Deduct</i>	-19.18	
			<i>For &gt;100, Deduct</i>	-26.99	
08 14 16 00-0135	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	337.11	71.38
			<i>For &gt;50 To 100, Deduct</i>	-20.42	
			<i>For &gt;100, Deduct</i>	-28.85	
08 14 16 00-0136	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	393.49	74.36
			<i>For &gt;50 To 100, Deduct</i>	-23.39	
			<i>For &gt;100, Deduct</i>	-33.23	
08 14 16 00-0137	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	405.73	74.36
			<i>For &gt;50 To 100, Deduct</i>	-24.00	
			<i>For &gt;100, Deduct</i>	-34.15	
08 14 16 00-0138	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	430.21	74.36
			<i>For &gt;50 To 100, Deduct</i>	-25.23	
			<i>For &gt;100, Deduct</i>	-35.98	
08 14 16 00-0139	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	291.99	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.87	
			<i>For &gt;100, Deduct</i>	-25.17	
08 14 16 00-0140	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	291.98	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.87	
			<i>For &gt;100, Deduct</i>	-25.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0141 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	303.99 -18.62 -26.22	68.41
08 14 16 00-0142 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	306.26 -18.73 -26.39	68.41
08 14 16 00-0143 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	311.22 -18.98 -26.76	68.41
08 14 16 00-0144 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	322.11 -19.67 -27.73	71.38
08 14 16 00-0145 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	348.42 -20.99 -29.70	71.38
08 14 16 00-0146 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	407.75 -24.11 -34.30	74.36
08 14 16 00-0147 EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	420.69 -24.75 -35.27	74.36
08 14 16 00-0148 EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	446.60 -26.05 -37.21	74.36
08 14 16 00-0149 EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	323.41 -19.44 -27.53 40.43	65.43
08 14 16 00-0150 EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	323.41 -19.44 -27.53 40.43	65.43
08 14 16 00-0151 EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	336.60 -20.25 -28.67 41.95	68.41
08 14 16 00-0152 EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	339.29 -20.39 -28.87 42.52	68.41
08 14 16 00-0153 EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	345.23 -20.68 -29.31 43.77	68.41
08 14 16 00-0154 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	357.08 -21.42 -30.35 45.01	71.38
08 14 16 00-0155 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	388.53 -23.00 -32.71 51.61	71.38
08 14 16 00-0156 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	458.26 -26.63 -38.09 65.00	74.36
08 14 16 00-0157 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	473.72 -27.40 -39.25 68.25	74.36
08 14 16 00-0158 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	504.69 -28.95 -41.57 74.75	74.36
<b>08 14 16 00-0159 Oak Faced Wood Doors</b> <small>(08 14 16 00-0127)</small>		
08 14 16 00-0160 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	378.22 -22.18 -31.64	65.43
08 14 16 00-0161 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	378.22 -22.18 -31.64	65.43
08 14 16 00-0162 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	393.45 -23.09 -32.93	68.41
08 14 16 00-0163 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	396.93 -23.27 -33.19	68.41
08 14 16 00-0164 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	404.55 -23.65 -33.76	68.41
08 14 16 00-0165 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	418.09 -24.47 -34.93	71.38

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0166	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	458.47	71.38
			<i>For &gt;50 To 100, Deduct</i>	-26.49	
			<i>For &gt;100, Deduct</i>	-37.95	
08 14 16 00-0167	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	546.37	74.36
			<i>For &gt;50 To 100, Deduct</i>	-31.04	
			<i>For &gt;100, Deduct</i>	-44.70	
08 14 16 00-0168	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	566.26	74.36
			<i>For &gt;50 To 100, Deduct</i>	-32.03	
			<i>For &gt;100, Deduct</i>	-46.19	
08 14 16 00-0169	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	606.06	74.36
			<i>For &gt;50 To 100, Deduct</i>	-34.02	
			<i>For &gt;100, Deduct</i>	-49.17	
08 14 16 00-0170	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	392.60	65.43
			<i>For &gt;50 To 100, Deduct</i>	-22.90	
			<i>For &gt;100, Deduct</i>	-32.72	
08 14 16 00-0171	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	392.61	65.43
			<i>For &gt;50 To 100, Deduct</i>	-22.90	
			<i>For &gt;100, Deduct</i>	-32.72	
08 14 16 00-0172	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	408.39	68.41
			<i>For &gt;50 To 100, Deduct</i>	-23.84	
			<i>For &gt;100, Deduct</i>	-34.05	
08 14 16 00-0173	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	412.07	68.41
			<i>For &gt;50 To 100, Deduct</i>	-24.02	
			<i>For &gt;100, Deduct</i>	-34.33	
08 14 16 00-0174	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	420.12	68.41
			<i>For &gt;50 To 100, Deduct</i>	-24.43	
			<i>For &gt;100, Deduct</i>	-34.93	
08 14 16 00-0175	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	434.11	71.38
			<i>For &gt;50 To 100, Deduct</i>	-25.27	
			<i>For &gt;100, Deduct</i>	-36.13	
08 14 16 00-0176	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	476.84	71.38
			<i>For &gt;50 To 100, Deduct</i>	-27.41	
			<i>For &gt;100, Deduct</i>	-39.33	
08 14 16 00-0177	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	569.51	74.36
			<i>For &gt;50 To 100, Deduct</i>	-32.19	
			<i>For &gt;100, Deduct</i>	-46.43	
08 14 16 00-0178	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	590.57	74.36
			<i>For &gt;50 To 100, Deduct</i>	-33.25	
			<i>For &gt;100, Deduct</i>	-48.01	
08 14 16 00-0179	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	632.67	74.36
			<i>For &gt;50 To 100, Deduct</i>	-35.35	
			<i>For &gt;100, Deduct</i>	-51.17	
08 14 16 00-0180	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	443.63	65.43
			<i>For &gt;50 To 100, Deduct</i>	-25.45	
			<i>For &gt;100, Deduct</i>	-36.54	
			<i>For 9' Door Height, Add</i>	65.68	
08 14 16 00-0181	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	443.66	65.43
			<i>For &gt;50 To 100, Deduct</i>	-25.46	
			<i>For &gt;100, Deduct</i>	-36.55	
			<i>For 9' Door Height, Add</i>	65.68	
08 14 16 00-0182	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	461.35	68.41
			<i>For &gt;50 To 100, Deduct</i>	-26.49	
			<i>For &gt;100, Deduct</i>	-38.02	
			<i>For 9' Door Height, Add</i>	68.15	
08 14 16 00-0183	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	465.73	68.41
			<i>For &gt;50 To 100, Deduct</i>	-26.71	
			<i>For &gt;100, Deduct</i>	-38.35	
			<i>For 9' Door Height, Add</i>	69.07	
08 14 16 00-0184	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	475.37	68.41
			<i>For &gt;50 To 100, Deduct</i>	-27.19	
			<i>For &gt;100, Deduct</i>	-39.07	
			<i>For 9' Door Height, Add</i>	71.10	
08 14 16 00-0185	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	490.92	71.38
			<i>For &gt;50 To 100, Deduct</i>	-28.12	
			<i>For &gt;100, Deduct</i>	-40.39	
			<i>For 9' Door Height, Add</i>	73.11	
08 14 16 00-0186	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	542.00	71.38
			<i>For &gt;50 To 100, Deduct</i>	-30.67	
			<i>For &gt;100, Deduct</i>	-44.22	
			<i>For 9' Door Height, Add</i>	83.84	
08 14 16 00-0187	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	651.57	74.36
			<i>For &gt;50 To 100, Deduct</i>	-36.30	
			<i>For &gt;100, Deduct</i>	-52.59	
			<i>For 9' Door Height, Add</i>	105.60	
08 14 16 00-0188	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	676.75	74.36
			<i>For &gt;50 To 100, Deduct</i>	-37.56	
			<i>For &gt;100, Deduct</i>	-54.47	
			<i>For 9' Door Height, Add</i>	110.89	
08 14 16 00-0189	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	727.05	74.36
			<i>For &gt;50 To 100, Deduct</i>	-40.07	
			<i>For &gt;100, Deduct</i>	-58.25	
			<i>For 9' Door Height, Add</i>	121.45	

08 14 16 00-0190 Maple Faced Wood Doors (08 14 16 00-0127)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0191	EA			2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	371.27 -21.84 -31.12	65.43
08 14 16 00-0192	EA			2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	371.27 -21.84 -31.12	65.43
08 14 16 00-0193	EA			2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	386.25 -22.73 -32.39	68.41
08 14 16 00-0194	EA			2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	389.78 -22.91 -32.65	68.41
08 14 16 00-0195	EA			2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	397.11 -23.28 -33.20	68.41
08 14 16 00-0196	EA			3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	410.36 -24.09 -34.35	71.38
08 14 16 00-0197	EA			3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	449.61 -26.05 -37.29	71.38
08 14 16 00-0198	EA			3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	516.00 -29.52 -42.42	74.36
08 14 16 00-0199	EA			3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	554.55 -31.45 -45.31	74.36
08 14 16 00-0200	EA			4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	593.22 -33.38 -48.21	74.36
08 14 16 00-0201	EA			2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	385.27 -22.54 -32.17	65.43
08 14 16 00-0202	EA			2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	385.27 -22.54 -32.17	65.43
08 14 16 00-0203	EA			2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	400.76 -23.46 -33.48	68.41
08 14 16 00-0204	EA			2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	404.51 -23.65 -33.76	68.41
08 14 16 00-0205	EA			2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	412.24 -24.03 -34.34	68.41
08 14 16 00-0206	EA			3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	425.92 -24.87 -35.51	71.38
08 14 16 00-0207	EA			3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	467.47 -26.94 -38.63	71.38
08 14 16 00-0208	EA			3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	537.27 -30.58 -44.01	74.36
08 14 16 00-0209	EA			3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	578.19 -32.63 -47.08	74.36
08 14 16 00-0210	EA			4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	619.08 -34.67 -50.15	74.36
08 14 16 00-0211	EA			2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	434.88 -25.02 -35.89	65.43
08 14 16 00-0212	EA			2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	434.88 -25.02 -35.89 63.84	65.43
08 14 16 00-0213	EA			2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	452.22 -26.03 -37.34 66.23	68.41
08 14 16 00-0214	EA			2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	456.71 -26.26 -37.67 67.18	68.41
08 14 16 00-0215	EA			2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	465.92 -26.72 -38.36 69.11	68.41
08 14 16 00-0216	EA			3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	481.14 -27.63 -39.65 71.06	71.38



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0217	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	530.77	71.38
			<i>For &gt;50 To 100, Deduct</i>	-30.11	
			<i>For &gt;100, Deduct</i>	-43.38	
			<i>For 9' Door Height, Add</i>	81.48	
08 14 16 00-0218	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	613.06	74.36
			<i>For &gt;50 To 100, Deduct</i>	-34.37	
			<i>For &gt;100, Deduct</i>	-49.70	
			<i>For 9' Door Height, Add</i>	97.51	
08 14 16 00-0219	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	661.94	74.36
			<i>For &gt;50 To 100, Deduct</i>	-36.82	
			<i>For &gt;100, Deduct</i>	-53.36	
			<i>For 9' Door Height, Add</i>	107.78	
08 14 16 00-0220	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	710.84	74.36
			<i>For &gt;50 To 100, Deduct</i>	-39.26	
			<i>For &gt;100, Deduct</i>	-57.03	
			<i>For 9' Door Height, Add</i>	118.05	

**08 14 16 00-0221 Walnut Faced Wood Doors** (08 14 16 00-0127)

08 14 16 00-0222	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	465.95	65.43
			<i>For &gt;50 To 100, Deduct</i>	-26.57	
			<i>For &gt;100, Deduct</i>	-38.22	
08 14 16 00-0223	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	465.95	65.43
			<i>For &gt;50 To 100, Deduct</i>	-26.57	
			<i>For &gt;100, Deduct</i>	-38.22	
08 14 16 00-0224	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	474.22	68.41
			<i>For &gt;50 To 100, Deduct</i>	-27.13	
			<i>For &gt;100, Deduct</i>	-38.99	
08 14 16 00-0225	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	489.08	68.41
			<i>For &gt;50 To 100, Deduct</i>	-27.87	
			<i>For &gt;100, Deduct</i>	-40.10	
08 14 16 00-0226	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	491.35	68.41
			<i>For &gt;50 To 100, Deduct</i>	-27.99	
			<i>For &gt;100, Deduct</i>	-40.27	
08 14 16 00-0227	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	499.57	71.38
			<i>For &gt;50 To 100, Deduct</i>	-28.55	
			<i>For &gt;100, Deduct</i>	-41.04	
08 14 16 00-0228	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	539.39	71.38
			<i>For &gt;50 To 100, Deduct</i>	-30.54	
			<i>For &gt;100, Deduct</i>	-44.02	
08 14 16 00-0229	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	648.15	74.36
			<i>For &gt;50 To 100, Deduct</i>	-36.13	
			<i>For &gt;100, Deduct</i>	-52.33	
08 14 16 00-0230	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	673.11	74.36
			<i>For &gt;50 To 100, Deduct</i>	-37.37	
			<i>For &gt;100, Deduct</i>	-54.20	
08 14 16 00-0231	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	723.10	74.36
			<i>For &gt;50 To 100, Deduct</i>	-39.87	
			<i>For &gt;100, Deduct</i>	-57.95	
08 14 16 00-0232	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	485.44	65.43
			<i>For &gt;50 To 100, Deduct</i>	-27.54	
			<i>For &gt;100, Deduct</i>	-39.68	
08 14 16 00-0233	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	485.44	65.43
			<i>For &gt;50 To 100, Deduct</i>	-27.54	
			<i>For &gt;100, Deduct</i>	-39.68	
08 14 16 00-0234	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	493.87	68.41
			<i>For &gt;50 To 100, Deduct</i>	-28.11	
			<i>For &gt;100, Deduct</i>	-40.46	
08 14 16 00-0235	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	509.57	68.41
			<i>For &gt;50 To 100, Deduct</i>	-28.90	
			<i>For &gt;100, Deduct</i>	-41.64	
08 14 16 00-0236	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	511.99	68.41
			<i>For &gt;50 To 100, Deduct</i>	-29.02	
			<i>For &gt;100, Deduct</i>	-41.82	
08 14 16 00-0237	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	520.33	71.38
			<i>For &gt;50 To 100, Deduct</i>	-29.59	
			<i>For &gt;100, Deduct</i>	-42.59	
08 14 16 00-0238	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	562.46	71.38
			<i>For &gt;50 To 100, Deduct</i>	-31.69	
			<i>For &gt;100, Deduct</i>	-45.75	
08 14 16 00-0239	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	677.22	74.36
			<i>For &gt;50 To 100, Deduct</i>	-37.58	
			<i>For &gt;100, Deduct</i>	-54.51	
08 14 16 00-0240	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	703.64	74.36
			<i>For &gt;50 To 100, Deduct</i>	-38.90	
			<i>For &gt;100, Deduct</i>	-56.49	
08 14 16 00-0241	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	756.52	74.36
			<i>For &gt;50 To 100, Deduct</i>	-41.54	
			<i>For &gt;100, Deduct</i>	-60.46	
08 14 16 00-0242	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	554.58	65.43
			<i>For &gt;50 To 100, Deduct</i>	-31.00	
			<i>For &gt;100, Deduct</i>	-44.87	
			<i>For 9' Door Height, Add</i>	88.98	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 14 16 00-0243	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 554.58		65.43
				<i>For &gt;50 To 100, Deduct</i>	-31.00	
				<i>For &gt;100, Deduct</i>	-44.87	
				<i>For 9' Door Height, Add</i>	88.98	
	08 14 16 00-0244	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 563.50		68.41
				<i>For &gt;50 To 100, Deduct</i>	-31.60	
				<i>For &gt;100, Deduct</i>	-45.68	
				<i>For 9' Door Height, Add</i>	89.60	
	08 14 16 00-0245	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 582.25		68.41
				<i>For &gt;50 To 100, Deduct</i>	-32.53	
				<i>For &gt;100, Deduct</i>	-47.09	
				<i>For 9' Door Height, Add</i>	93.54	
	08 14 16 00-0246	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 585.14		68.41
				<i>For &gt;50 To 100, Deduct</i>	-32.68	
				<i>For &gt;100, Deduct</i>	-47.31	
				<i>For 9' Door Height, Add</i>	94.15	
	08 14 16 00-0247	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 593.95		71.38
				<i>For &gt;50 To 100, Deduct</i>	-33.27	
				<i>For &gt;100, Deduct</i>	-48.12	
				<i>For 9' Door Height, Add</i>	94.75	
	08 14 16 00-0248	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 644.31		71.38
				<i>For &gt;50 To 100, Deduct</i>	-35.78	
				<i>For &gt;100, Deduct</i>	-51.89	
				<i>For 9' Door Height, Add</i>	105.32	
	08 14 16 00-0249	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 780.27		74.36
				<i>For &gt;50 To 100, Deduct</i>	-42.73	
				<i>For &gt;100, Deduct</i>	-62.24	
				<i>For 9' Door Height, Add</i>	132.63	
	08 14 16 00-0250	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 811.86		74.36
				<i>For &gt;50 To 100, Deduct</i>	-44.31	
				<i>For &gt;100, Deduct</i>	-64.61	
				<i>For 9' Door Height, Add</i>	139.26	
	08 14 16 00-0251	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door ..... 875.03		74.36
				<i>For &gt;50 To 100, Deduct</i>	-47.47	
				<i>For &gt;100, Deduct</i>	-69.35	
				<i>For 9' Door Height, Add</i>	152.53	
	<b>08 14 16 00-0252</b>			<b>Lauan Faced Wood Doors</b> <small>(08 14 16 00-0127)</small>		
	08 14 16 00-0253	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 242.13		65.43
				<i>For &gt;50 To 100, Deduct</i>	-15.38	
				<i>For &gt;100, Deduct</i>	-21.43	
	08 14 16 00-0254	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 242.13		65.43
				<i>For &gt;50 To 100, Deduct</i>	-15.38	
				<i>For &gt;100, Deduct</i>	-21.43	
	08 14 16 00-0255	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 255.73		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.21	
				<i>For &gt;100, Deduct</i>	-22.60	
	08 14 16 00-0256	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 261.95		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.52	
				<i>For &gt;100, Deduct</i>	-23.07	
	08 14 16 00-0257	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 263.18		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.58	
				<i>For &gt;100, Deduct</i>	-23.16	
	08 14 16 00-0258	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 270.37		71.38
				<i>For &gt;50 To 100, Deduct</i>	-17.09	
				<i>For &gt;100, Deduct</i>	-23.85	
	08 14 16 00-0259	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 284.39		71.38
				<i>For &gt;50 To 100, Deduct</i>	-17.79	
				<i>For &gt;100, Deduct</i>	-24.90	
	08 14 16 00-0260	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 308.42		74.36
				<i>For &gt;50 To 100, Deduct</i>	-19.14	
				<i>For &gt;100, Deduct</i>	-26.85	
	08 14 16 00-0261	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 316.39		74.36
				<i>For &gt;50 To 100, Deduct</i>	-19.54	
				<i>For &gt;100, Deduct</i>	-27.45	
	08 14 16 00-0262	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 332.37		74.36
				<i>For &gt;50 To 100, Deduct</i>	-20.34	
				<i>For &gt;100, Deduct</i>	-28.65	
	08 14 16 00-0263	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 248.60		65.43
				<i>For &gt;50 To 100, Deduct</i>	-15.70	
				<i>For &gt;100, Deduct</i>	-21.92	
	08 14 16 00-0264	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 248.60		65.43
				<i>For &gt;50 To 100, Deduct</i>	-15.70	
				<i>For &gt;100, Deduct</i>	-21.92	
	08 14 16 00-0265	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 262.65		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.55	
				<i>For &gt;100, Deduct</i>	-23.12	
	08 14 16 00-0266	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 269.24		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.88	
				<i>For &gt;100, Deduct</i>	-23.61	
	08 14 16 00-0267	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door ..... 270.54		68.41
				<i>For &gt;50 To 100, Deduct</i>	-16.95	
				<i>For &gt;100, Deduct</i>	-23.71	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0268	EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	277.79	71.38
	<i>For &gt;50 To 100, Deduct</i>	-17.46	
	<i>For &gt;100, Deduct</i>	-24.40	
08 14 16 00-0269	EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	292.63	71.38
	<i>For &gt;50 To 100, Deduct</i>	-18.20	
	<i>For &gt;100, Deduct</i>	-25.52	
08 14 16 00-0270	EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	317.70	74.36
	<i>For &gt;50 To 100, Deduct</i>	-19.60	
	<i>For &gt;100, Deduct</i>	-27.55	
08 14 16 00-0271	EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	326.15	74.36
	<i>For &gt;50 To 100, Deduct</i>	-20.03	
	<i>For &gt;100, Deduct</i>	-28.18	
08 14 16 00-0272	EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	343.05	74.36
	<i>For &gt;50 To 100, Deduct</i>	-20.87	
	<i>For &gt;100, Deduct</i>	-29.45	
08 14 16 00-0273	EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	271.55	65.43
	<i>For &gt;50 To 100, Deduct</i>	-16.85	
	<i>For &gt;100, Deduct</i>	-23.64	
	<i>For 9' Door Height, Add</i>	29.54	
08 14 16 00-0274	EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	271.55	65.43
	<i>For &gt;50 To 100, Deduct</i>	-16.85	
	<i>For &gt;100, Deduct</i>	-23.64	
	<i>For 9' Door Height, Add</i>	29.54	
08 14 16 00-0275	EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	287.18	68.41
	<i>For &gt;50 To 100, Deduct</i>	-17.78	
	<i>For &gt;100, Deduct</i>	-24.96	
	<i>For 9' Door Height, Add</i>	31.58	
08 14 16 00-0276	EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	295.05	68.41
	<i>For &gt;50 To 100, Deduct</i>	-18.17	
	<i>For &gt;100, Deduct</i>	-25.55	
	<i>For 9' Door Height, Add</i>	33.23	
08 14 16 00-0277	EA 2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	296.62	68.41
	<i>For &gt;50 To 100, Deduct</i>	-18.25	
	<i>For &gt;100, Deduct</i>	-25.67	
	<i>For 9' Door Height, Add</i>	33.56	
08 14 16 00-0278	EA 3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	304.12	71.38
	<i>For &gt;50 To 100, Deduct</i>	-18.78	
	<i>For &gt;100, Deduct</i>	-26.38	
	<i>For 9' Door Height, Add</i>	33.88	
08 14 16 00-0279	EA 3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	321.87	71.38
	<i>For &gt;50 To 100, Deduct</i>	-19.66	
	<i>For &gt;100, Deduct</i>	-27.71	
	<i>For 9' Door Height, Add</i>	37.61	
08 14 16 00-0280	EA 3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	350.65	74.36
	<i>For &gt;50 To 100, Deduct</i>	-21.25	
	<i>For &gt;100, Deduct</i>	-30.02	
	<i>For 9' Door Height, Add</i>	42.41	
08 14 16 00-0281	EA 3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	360.74	74.36
	<i>For &gt;50 To 100, Deduct</i>	-21.76	
	<i>For &gt;100, Deduct</i>	-30.77	
	<i>For 9' Door Height, Add</i>	44.52	
08 14 16 00-0282	EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	380.94	74.36
	<i>For &gt;50 To 100, Deduct</i>	-22.77	
	<i>For &gt;100, Deduct</i>	-32.29	
	<i>For 9' Door Height, Add</i>	48.77	
<b>08 14 16 00-0283</b>	<b>Medium Density Overlay (MDO) Faced Wood Doors</b> <small>(08 14 16 00-0127)</small>		
08 14 16 00-0284	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	263.45	65.43
	<i>For &gt;50 To 100, Deduct</i>	-16.44	
	<i>For &gt;100, Deduct</i>	-23.03	
08 14 16 00-0285	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	263.48	65.43
	<i>For &gt;50 To 100, Deduct</i>	-16.45	
	<i>For &gt;100, Deduct</i>	-23.03	
08 14 16 00-0286	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	273.08	68.41
	<i>For &gt;50 To 100, Deduct</i>	-17.07	
	<i>For &gt;100, Deduct</i>	-23.90	
08 14 16 00-0287	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	280.47	68.41
	<i>For &gt;50 To 100, Deduct</i>	-17.44	
	<i>For &gt;100, Deduct</i>	-24.46	
08 14 16 00-0288	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	284.17	68.41
	<i>For &gt;50 To 100, Deduct</i>	-17.63	
	<i>For &gt;100, Deduct</i>	-24.73	
08 14 16 00-0289	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	293.76	71.38
	<i>For &gt;50 To 100, Deduct</i>	-18.26	
	<i>For &gt;100, Deduct</i>	-25.60	
08 14 16 00-0290	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	302.18	71.38
	<i>For &gt;50 To 100, Deduct</i>	-18.68	
	<i>For &gt;100, Deduct</i>	-26.23	
08 14 16 00-0291	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	335.51	74.36
	<i>For &gt;50 To 100, Deduct</i>	-20.49	
	<i>For &gt;100, Deduct</i>	-28.88	
08 14 16 00-0292	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	344.85	74.36
	<i>For &gt;50 To 100, Deduct</i>	-20.96	
	<i>For &gt;100, Deduct</i>	-29.58	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0293	EA			4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	363.56 -21.90 -30.99	74.36
08 14 16 00-0294	EA			2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	271.18 -16.83 -23.61	65.43
08 14 16 00-0295	EA			2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	271.18 -16.83 -23.61	65.43
08 14 16 00-0296	EA			2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	281.01 -17.47 -24.50	68.41
08 14 16 00-0297	EA			2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	288.83 -17.86 -25.08	68.41
08 14 16 00-0298	EA			2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	292.73 -18.06 -25.38	68.41
08 14 16 00-0299	EA			3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	302.56 -18.70 -26.26	71.38
08 14 16 00-0300	EA			3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	311.47 -19.14 -26.93	71.38
08 14 16 00-0301	EA			3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	346.40 -21.04 -29.70	74.36
08 14 16 00-0302	EA			3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	356.28 -21.53 -30.44	74.36
08 14 16 00-0303	EA			4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	376.05 -22.52 -31.92	74.36
08 14 16 00-0304	EA			2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	298.54 -18.20 -25.66	65.43
08 14 16 00-0305	EA			2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	298.54 -18.20 -25.66 35.21	65.43
08 14 16 00-0306	EA			2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	309.12 -18.88 -26.60 36.18	68.41
08 14 16 00-0307	EA			2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	318.46 -19.34 -27.31 38.14	68.41
08 14 16 00-0308	EA			2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	323.13 -19.58 -27.66 39.13	68.41
08 14 16 00-0309	EA			3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	333.72 -20.26 -28.60 40.10	71.38
08 14 16 00-0310	EA			3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	344.37 -20.79 -29.40 42.34	71.38
08 14 16 00-0311	EA			3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	384.96 -22.97 -32.59 49.61	74.36
08 14 16 00-0312	EA			3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	396.76 -23.56 -33.48 52.09	74.36
08 14 16 00-0313	EA			4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	420.39 -24.74 -35.25 57.05	74.36
08 14 16 00-0314				<b>1-3/8" Thick, Particleboard Core (PC), Wood Doors</b> <small>(08 14 16)</small> Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315				<b>Birch Faced Wood Doors</b> <small>(08 14 16 00-0314)</small>		
08 14 16 00-0316	EA			2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	291.84 -3.22 120.72 72.43 -17.86 -25.16	65.43

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0317	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	291.87 -3.22 120.74 72.45 -17.87 -25.16	65.43
08 14 16 00-0318	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	306.25 -3.39 127.07 76.24 -18.73 -26.39	68.41
08 14 16 00-0319	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	314.69 -3.56 133.40 80.04 -19.16 -27.02	68.41
08 14 16 00-0320	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	319.84 -3.66 137.27 82.36 -19.41 -27.41	68.41
08 14 16 00-0321	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	330.96 -3.76 141.14 84.69 -20.12 -28.39	71.38
08 14 16 00-0322	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	351.61 -4.18 156.63 93.98 -21.15 -29.94	71.38
08 14 16 00-0323	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	370.91 -4.44 166.64 99.99 -22.26 -31.54	74.36
08 14 16 00-0324	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	301.21 -3.41 127.75 76.65 -18.33 -25.86	65.43
08 14 16 00-0325	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	301.22 -3.41 127.76 76.65 -18.33 -25.86	65.43
08 14 16 00-0326	EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	316.10 -3.59 134.46 80.68 -19.23 -27.13	68.41
08 14 16 00-0327	EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	325.05 -3.76 141.17 84.70 -19.67 -27.80	68.41
08 14 16 00-0328	EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	330.50 -3.87 145.26 87.16 -19.95 -28.21	68.41
08 14 16 00-0329	EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	341.91 -3.98 149.36 89.61 -20.66 -29.21	71.38
08 14 16 00-0330	EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	363.76 -4.42 165.74 99.45 -21.76 -30.85	71.38



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	383.84 -4.70 176.34 105.80 -22.91 -32.51	74.36
	08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	334.44 -4.07 152.67 91.60 -19.99 -28.36 42.75	65.43
	08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	334.44 -4.07 152.67 91.60 -19.99 -28.36 42.75	65.43
	08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	351.07 -4.29 160.69 96.41 -20.97 -29.75 44.99	68.41
	08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	361.76 -4.50 168.71 101.22 -21.51 -30.55 47.24	68.41
	08 14 16 00-0336	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	368.26 -4.63 173.58 104.15 -21.83 -31.04 48.60	68.41
	08 14 16 00-0337	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	380.75 -4.76 178.49 107.09 -22.61 -32.13 49.98	71.38
	08 14 16 00-0338	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	406.85 -5.28 198.06 118.84 -23.91 -34.08 55.46	71.38
	08 14 16 00-0339	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	429.69 -5.62 210.73 126.44 -25.20 -35.94 59.00	74.36
	<b>08 14 16 00-0340</b>			<b>Oak Faced Wood Doors</b> <small>(08 14 16 00-0314)</small>		
	08 14 16 00-0341	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	400.53 -5.39 202.24 121.34 -23.30 -33.31	65.43
	08 14 16 00-0342	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	400.53 -5.39 202.24 121.34 -23.30 -33.31	65.43
	08 14 16 00-0343	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	420.66 -5.68 212.88 127.73 -24.45 -34.97	68.41



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0344	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	434.82		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.96		
		<i>For Stave Lumber Core (SLC), Add</i>	223.50		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	134.10		
		<i>For &gt;50 To 100, Deduct</i>	-25.16		
		<i>For &gt;100, Deduct</i>	-36.03		
08 14 16 00-0345	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	443.44		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.13		
		<i>For Stave Lumber Core (SLC), Add</i>	229.97		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	137.98		
		<i>For &gt;50 To 100, Deduct</i>	-25.59		
		<i>For &gt;100, Deduct</i>	-36.68		
08 14 16 00-0346	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	458.05		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.31		
		<i>For Stave Lumber Core (SLC), Add</i>	236.46		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.88		
		<i>For &gt;50 To 100, Deduct</i>	-26.47		
		<i>For &gt;100, Deduct</i>	-37.92		
08 14 16 00-0347	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	492.64		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.00		
		<i>For Stave Lumber Core (SLC), Add</i>	262.40		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	157.44		
		<i>For &gt;50 To 100, Deduct</i>	-28.20		
		<i>For &gt;100, Deduct</i>	-40.52		
08 14 16 00-0348	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	520.94		74.36
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.44		
		<i>For Stave Lumber Core (SLC), Add</i>	279.17		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	167.50		
		<i>For &gt;50 To 100, Deduct</i>	-29.77		
		<i>For &gt;100, Deduct</i>	-42.79		
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	416.21		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.71		
		<i>For Stave Lumber Core (SLC), Add</i>	214.00		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	128.40		
		<i>For &gt;50 To 100, Deduct</i>	-24.08		
		<i>For &gt;100, Deduct</i>	-34.49		
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	416.21		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.71		
		<i>For Stave Lumber Core (SLC), Add</i>	214.00		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	128.40		
		<i>For &gt;50 To 100, Deduct</i>	-24.08		
		<i>For &gt;100, Deduct</i>	-34.49		
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	437.19		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.01		
		<i>For Stave Lumber Core (SLC), Add</i>	225.28		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	135.17		
		<i>For &gt;50 To 100, Deduct</i>	-25.28		
		<i>For &gt;100, Deduct</i>	-36.21		
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	452.17		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.31		
		<i>For Stave Lumber Core (SLC), Add</i>	236.51		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.91		
		<i>For &gt;50 To 100, Deduct</i>	-26.03		
		<i>For &gt;100, Deduct</i>	-37.33		
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	461.28		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.49		
		<i>For Stave Lumber Core (SLC), Add</i>	243.35		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	146.01		
		<i>For &gt;50 To 100, Deduct</i>	-26.48		
		<i>For &gt;100, Deduct</i>	-38.02		
08 14 16 00-0354	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	476.39		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.67		
		<i>For Stave Lumber Core (SLC), Add</i>	250.22		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	150.13		
		<i>For &gt;50 To 100, Deduct</i>	-27.39		
		<i>For &gt;100, Deduct</i>	-39.30		
08 14 16 00-0355	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	513.00		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.40		
		<i>For Stave Lumber Core (SLC), Add</i>	277.67		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	166.60		
		<i>For &gt;50 To 100, Deduct</i>	-29.22		
		<i>For &gt;100, Deduct</i>	-42.04		
08 14 16 00-0356	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	542.62		74.36
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.88		
		<i>For Stave Lumber Core (SLC), Add</i>	295.43		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	177.26		
		<i>For &gt;50 To 100, Deduct</i>	-30.85		
		<i>For &gt;100, Deduct</i>	-44.41		
08 14 16 00-0357	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door .....	471.84		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.82		
		<i>For Stave Lumber Core (SLC), Add</i>	255.72		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	153.43		
		<i>For &gt;50 To 100, Deduct</i>	-26.86		
		<i>For &gt;100, Deduct</i>	-38.66		
		<i>For 9' Door Height, Add</i>	71.60		



		<b>Openings</b>	<b>08</b>
		<b>Doors and Frames</b>	<b>08 10</b>
		<b>Wood Doors</b>	<b>08 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	471.84	65.43
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.82	
			<i>For Stave Lumber Core (SLC), Add</i>	255.72	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	153.43	
			<i>For &gt;50 To 100, Deduct</i>	-26.86	
			<i>For &gt;100, Deduct</i>	-38.66	
			<i>For 9' Door Height, Add</i>	71.60	
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	495.77	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.18	
			<i>For Stave Lumber Core (SLC), Add</i>	269.21	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	161.53	
			<i>For &gt;50 To 100, Deduct</i>	-28.21	
			<i>For &gt;100, Deduct</i>	-40.60	
			<i>For 9' Door Height, Add</i>	75.38	
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	513.65	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.54	
			<i>For Stave Lumber Core (SLC), Add</i>	282.62	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	169.57	
			<i>For &gt;50 To 100, Deduct</i>	-29.10	
			<i>For &gt;100, Deduct</i>	-41.94	
			<i>For 9' Door Height, Add</i>	79.13	
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	524.55	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.75	
			<i>For Stave Lumber Core (SLC), Add</i>	290.80	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	174.48	
			<i>For &gt;50 To 100, Deduct</i>	-29.65	
			<i>For &gt;100, Deduct</i>	-42.76	
			<i>For 9' Door Height, Add</i>	81.42	
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	541.46	71.38
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.97	
			<i>For Stave Lumber Core (SLC), Add</i>	299.02	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	179.41	
			<i>For &gt;50 To 100, Deduct</i>	-30.64	
			<i>For &gt;100, Deduct</i>	-44.18	
			<i>For 9' Door Height, Add</i>	83.72	
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	585.21	71.38
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.85	
			<i>For Stave Lumber Core (SLC), Add</i>	331.83	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	199.10	
			<i>For &gt;50 To 100, Deduct</i>	-32.83	
			<i>For &gt;100, Deduct</i>	-47.46	
			<i>For 9' Door Height, Add</i>	92.91	
08 14 16 00-0364	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	619.43	74.36
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.41	
			<i>For Stave Lumber Core (SLC), Add</i>	353.03	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	211.82	
			<i>For &gt;50 To 100, Deduct</i>	-34.69	
			<i>For &gt;100, Deduct</i>	-50.18	
			<i>For 9' Door Height, Add</i>	98.85	
<b>08 14 16 00-0365</b>			<b>Maple Faced Wood Doors</b> <small>(08 14 16 00-0314)</small>		
08 14 16 00-0366	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	369.22	65.43
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.77	
			<i>For Stave Lumber Core (SLC), Add</i>	178.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	107.25	
			<i>For &gt;50 To 100, Deduct</i>	-21.73	
			<i>For &gt;100, Deduct</i>	-30.96	
08 14 16 00-0367	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	369.22	65.43
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.77	
			<i>For Stave Lumber Core (SLC), Add</i>	178.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	107.25	
			<i>For &gt;50 To 100, Deduct</i>	-21.73	
			<i>For &gt;100, Deduct</i>	-30.96	
08 14 16 00-0368	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	387.71	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.02	
			<i>For Stave Lumber Core (SLC), Add</i>	188.17	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	112.90	
			<i>For &gt;50 To 100, Deduct</i>	-22.81	
			<i>For &gt;100, Deduct</i>	-32.50	
08 14 16 00-0369	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	400.22	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.27	
			<i>For Stave Lumber Core (SLC), Add</i>	197.55	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	118.53	
			<i>For &gt;50 To 100, Deduct</i>	-23.43	
			<i>For &gt;100, Deduct</i>	-33.44	
08 14 16 00-0370	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	407.83	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.42	
			<i>For Stave Lumber Core (SLC), Add</i>	203.26	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	121.95	
			<i>For &gt;50 To 100, Deduct</i>	-23.81	
			<i>For &gt;100, Deduct</i>	-34.01	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0371	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....	421.44		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.57		
		<i>For Stave Lumber Core (SLC), Add</i>	209.00		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.40		
		<i>For &gt;50 To 100, Deduct</i>	-24.64		
		<i>For &gt;100, Deduct</i>	-35.18		
08 14 16 00-0372	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....	452.01		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.18		
		<i>For Stave Lumber Core (SLC), Add</i>	231.93		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.16		
		<i>For &gt;50 To 100, Deduct</i>	-26.17		
		<i>For &gt;100, Deduct</i>	-37.47		
08 14 16 00-0373	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door .....	477.72		74.36
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.58		
		<i>For Stave Lumber Core (SLC), Add</i>	246.75		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	148.05		
		<i>For &gt;50 To 100, Deduct</i>	-27.60		
		<i>For &gt;100, Deduct</i>	-39.55		
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	383.07		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.04		
		<i>For Stave Lumber Core (SLC), Add</i>	189.14		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	113.49		
		<i>For &gt;50 To 100, Deduct</i>	-22.43		
		<i>For &gt;100, Deduct</i>	-32.00		
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	383.07		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.04		
		<i>For Stave Lumber Core (SLC), Add</i>	189.14		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	113.49		
		<i>For &gt;50 To 100, Deduct</i>	-22.43		
		<i>For &gt;100, Deduct</i>	-32.00		
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	402.32		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.31		
		<i>For Stave Lumber Core (SLC), Add</i>	199.13		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	119.48		
		<i>For &gt;50 To 100, Deduct</i>	-23.54		
		<i>For &gt;100, Deduct</i>	-33.59		
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	415.57		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.58		
		<i>For Stave Lumber Core (SLC), Add</i>	209.06		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	125.44		
		<i>For &gt;50 To 100, Deduct</i>	-24.20		
		<i>For &gt;100, Deduct</i>	-34.59		
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	423.61		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.74		
		<i>For Stave Lumber Core (SLC), Add</i>	215.09		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	129.06		
		<i>For &gt;50 To 100, Deduct</i>	-24.60		
		<i>For &gt;100, Deduct</i>	-35.19		
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	437.67		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.90		
		<i>For Stave Lumber Core (SLC), Add</i>	221.18		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	132.71		
		<i>For &gt;50 To 100, Deduct</i>	-25.45		
		<i>For &gt;100, Deduct</i>	-36.39		
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	470.02		71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.55		
		<i>For Stave Lumber Core (SLC), Add</i>	245.44		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	147.26		
		<i>For &gt;50 To 100, Deduct</i>	-27.07		
		<i>For &gt;100, Deduct</i>	-38.82		
08 14 16 00-0381	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	496.88		74.36
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.96		
		<i>For Stave Lumber Core (SLC), Add</i>	261.12		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	156.67		
		<i>For &gt;50 To 100, Deduct</i>	-28.56		
		<i>For &gt;100, Deduct</i>	-40.98		
08 14 16 00-0382	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	432.26		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.03		
		<i>For Stave Lumber Core (SLC), Add</i>	226.04		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	135.62		
		<i>For &gt;50 To 100, Deduct</i>	-24.89		
		<i>For &gt;100, Deduct</i>	-35.69		
		<i>For 9' Door Height, Add</i>	63.29		
08 14 16 00-0383	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	432.26		65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.03		
		<i>For Stave Lumber Core (SLC), Add</i>	226.04		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	135.62		
		<i>For &gt;50 To 100, Deduct</i>	-24.89		
		<i>For &gt;100, Deduct</i>	-35.69		
		<i>For 9' Door Height, Add</i>	63.29		
08 14 16 00-0384	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	454.09		68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.35		
		<i>For Stave Lumber Core (SLC), Add</i>	237.95		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	142.77		
		<i>For &gt;50 To 100, Deduct</i>	-26.13		
		<i>For &gt;100, Deduct</i>	-37.48		
		<i>For 9' Door Height, Add</i>	66.63		



		<b>Openings</b>	<b>08</b>
		<b>Doors and Frames</b>	<b>08 10</b>
		<b>Wood Doors</b>	<b>08 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0385	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	469.90 -6.66 249.81 149.89 -26.92 -38.66 69.95	68.41
08 14 16 00-0386	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	479.54 -6.85 257.04 154.22 -27.40 -39.39 71.97	68.41
08 14 16 00-0387	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	495.16 -7.05 264.29 158.58 -28.33 -40.71 74.00	71.38
08 14 16 00-0388	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	533.84 -7.82 293.30 175.98 -30.26 -43.61 82.12	71.38
08 14 16 00-0389	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	564.77 -8.32 312.04 187.22 -31.96 -46.08 87.37	74.36
<b>08 14 16 00-0390 Luan Faced Wood Doors</b> <small>(08 14 16 00-0314)</small>					
08 14 16 00-0391	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	313.83 -18.96 -26.81	65.43
08 14 16 00-0392	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	313.83 -18.96 -26.81	65.43
08 14 16 00-0393	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	329.78 -19.91 -28.15	68.41
08 14 16 00-0394	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	339.87 -20.41 -28.91	68.41
08 14 16 00-0395	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	344.94 -20.67 -29.29	68.41
08 14 16 00-0396	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	356.00 -21.37 -30.27	71.38
08 14 16 00-0397	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	379.41 -22.54 -32.03	71.38
08 14 16 00-0398	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	403.90 -23.91 -34.01	74.36
08 14 16 00-0399	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	324.48 -19.50 -27.61	65.43
08 14 16 00-0400	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	324.48 -19.50 -27.61	65.43
08 14 16 00-0401	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	341.03 -20.47 -29.00	68.41
08 14 16 00-0402	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	351.70 -21.01 -29.80	68.41
08 14 16 00-0403	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	357.06 -21.27 -30.20	68.41
08 14 16 00-0404	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	368.39 -21.99 -31.20	71.38
08 14 16 00-0405	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	393.20 -23.23 -33.06	71.38
08 14 16 00-0406	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	418.74 -24.66 -35.12	74.36

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0407	EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	362.25 -21.38 -30.44 48.59	65.43
08 14 16 00-0408	EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	362.25 -21.38 -30.44 48.59	65.43
08 14 16 00-0409	EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	380.84 -22.46 -31.98 51.24	68.41
08 14 16 00-0410	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	393.60 -23.10 -32.94 53.92	68.41
08 14 16 00-0411	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	400.02 -23.42 -33.42 55.27	68.41
08 14 16 00-0412	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	412.39 -24.19 -34.50 56.62	71.38
08 14 16 00-0413	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	442.03 -25.67 -36.72 62.84	71.38
08 14 16 00-0414	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	471.39 -27.29 -39.07 67.76	74.36
<b>08 14 16 00-0415</b>	<b>Medium Density Overlay (MDO) Faced Wood Doors</b> <small>(08 14 16 00-0314)</small>		
08 14 16 00-0416	EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	281.91 113.27 67.96 -17.37 -24.42	65.43
08 14 16 00-0417	EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	281.91 113.27 67.96 -17.37 -24.42	65.43
08 14 16 00-0418	EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	296.62 119.85 71.91 -18.25 -25.67	68.41
08 14 16 00-0419	EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	305.37 126.41 75.85 -18.69 -26.32	68.41
08 14 16 00-0420	EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	306.97 127.61 76.57 -18.77 -26.44	68.41
08 14 16 00-0421	EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	314.56 128.84 77.31 -19.30 -27.16	71.38
08 14 16 00-0422	EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	333.51 143.06 85.83 -20.24 -28.58	71.38
08 14 16 00-0423	EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	374.01 168.97 101.38 -22.42 -31.77	74.36
08 14 16 00-0424	EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	290.70 119.87 71.92 -17.81 -25.07	65.43
08 14 16 00-0425	EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	290.71 119.87 71.92 -17.81 -25.08	65.43



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0426	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	305.93	68.41
			For Stave Lumber Core (SLC), Add	126.83	
			For Structural Composite Lumber Core (SCLC), Add	76.10	
			For >50 To 100, Deduct	-18.72	
			For >100, Deduct	-26.37	
08 14 16 00-0427	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	315.18	68.41
			For Stave Lumber Core (SLC), Add	133.77	
			For Structural Composite Lumber Core (SCLC), Add	80.26	
			For >50 To 100, Deduct	-19.18	
			For >100, Deduct	-27.06	
08 14 16 00-0428	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	316.89	68.41
			For Stave Lumber Core (SLC), Add	135.05	
			For Structural Composite Lumber Core (SCLC), Add	81.03	
			For >50 To 100, Deduct	-19.27	
			For >100, Deduct	-27.19	
08 14 16 00-0429	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	324.56	71.38
			For Stave Lumber Core (SLC), Add	136.34	
			For Structural Composite Lumber Core (SCLC), Add	81.81	
			For >50 To 100, Deduct	-19.80	
			For >100, Deduct	-27.91	
08 14 16 00-0430	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	344.61	71.38
			For Stave Lumber Core (SLC), Add	151.38	
			For Structural Composite Lumber Core (SCLC), Add	90.83	
			For >50 To 100, Deduct	-20.80	
			For >100, Deduct	-29.42	
08 14 16 00-0431	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	387.13	74.36
			For Stave Lumber Core (SLC), Add	178.81	
			For Structural Composite Lumber Core (SCLC), Add	107.28	
			For >50 To 100, Deduct	-23.07	
			For >100, Deduct	-32.75	
08 14 16 00-0432	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	321.85	65.43
			For Stave Lumber Core (SLC), Add	143.23	
			For Structural Composite Lumber Core (SCLC), Add	85.94	
			For >50 To 100, Deduct	-19.36	
			For >100, Deduct	-27.41	
			For 9' Door Height, Add	40.10	
08 14 16 00-0433	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	321.88	65.43
			For Stave Lumber Core (SLC), Add	143.25	
			For Structural Composite Lumber Core (SCLC), Add	85.95	
			For >50 To 100, Deduct	-19.37	
			For >100, Deduct	-27.41	
			For 9' Door Height, Add	40.11	
08 14 16 00-0434	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	338.90	68.41
			For Stave Lumber Core (SLC), Add	151.56	
			For Structural Composite Lumber Core (SCLC), Add	90.94	
			For >50 To 100, Deduct	-20.37	
			For >100, Deduct	-28.84	
			For 9' Door Height, Add	42.44	
08 14 16 00-0435	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	349.95	68.41
			For Stave Lumber Core (SLC), Add	159.85	
			For Structural Composite Lumber Core (SCLC), Add	95.91	
			For >50 To 100, Deduct	-20.92	
			For >100, Deduct	-29.67	
			For 9' Door Height, Add	44.76	
08 14 16 00-0436	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	351.99	68.41
			For Stave Lumber Core (SLC), Add	161.38	
			For Structural Composite Lumber Core (SCLC), Add	96.83	
			For >50 To 100, Deduct	-21.02	
			For >100, Deduct	-29.82	
			For 9' Door Height, Add	45.19	
08 14 16 00-0437	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	360.01	71.38
			For Stave Lumber Core (SLC), Add	162.93	
			For Structural Composite Lumber Core (SCLC), Add	97.76	
			For >50 To 100, Deduct	-21.57	
			For >100, Deduct	-30.57	
			For 9' Door Height, Add	45.62	
08 14 16 00-0438	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	383.98	71.38
			For Stave Lumber Core (SLC), Add	180.91	
			For Structural Composite Lumber Core (SCLC), Add	108.54	
			For >50 To 100, Deduct	-22.77	
			For >100, Deduct	-32.37	
			For 9' Door Height, Add	50.65	
08 14 16 00-0439	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	433.63	74.36
			For Stave Lumber Core (SLC), Add	213.68	
			For Structural Composite Lumber Core (SCLC), Add	128.21	
			For >50 To 100, Deduct	-25.40	
			For >100, Deduct	-36.24	
			For 9' Door Height, Add	59.83	

08 14 16 00-0440 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 16 00-0441 Birch Faced Wood Doors (08 14 16 00-0440)



## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0442	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	326.81	65.43
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.92	
			<i>For Stave Lumber Core (SLC), Add</i>	146.95	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.17	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.51	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	105.80	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	146.95	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	235.12	
			<i>For &gt;50 To 100, Deduct</i>	-19.61	
			<i>For &gt;100, Deduct</i>	-27.78	
08 14 16 00-0443	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	326.81	65.43
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.92	
			<i>For Stave Lumber Core (SLC), Add</i>	146.95	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.17	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.51	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	105.80	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	146.95	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	235.12	
			<i>For &gt;50 To 100, Deduct</i>	-19.61	
			<i>For &gt;100, Deduct</i>	-27.78	
08 14 16 00-0444	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	322.42	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.71	
			<i>For Stave Lumber Core (SLC), Add</i>	139.20	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	83.52	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.27	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	100.22	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.20	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	222.72	
			<i>For &gt;50 To 100, Deduct</i>	-19.54	
			<i>For &gt;100, Deduct</i>	-27.60	
08 14 16 00-0445	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	330.16	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.87	
			<i>For Stave Lumber Core (SLC), Add</i>	145.01	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	87.00	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.20	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	104.40	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	145.01	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	232.01	
			<i>For &gt;50 To 100, Deduct</i>	-19.93	
			<i>For &gt;100, Deduct</i>	-28.18	
08 14 16 00-0446	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	335.33	68.41
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.97	
			<i>For Stave Lumber Core (SLC), Add</i>	148.88	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	89.33	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.82	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	107.20	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.88	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	238.21	
			<i>For &gt;50 To 100, Deduct</i>	-20.19	
			<i>For &gt;100, Deduct</i>	-28.57	
08 14 16 00-0447	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	346.43	71.38
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.07	
			<i>For Stave Lumber Core (SLC), Add</i>	152.75	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	91.65	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.44	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	109.98	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	152.75	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	244.39	
			<i>For &gt;50 To 100, Deduct</i>	-20.89	
			<i>For &gt;100, Deduct</i>	-29.55	
08 14 16 00-0448	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	368.83	71.38
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.52	
			<i>For Stave Lumber Core (SLC), Add</i>	169.55	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	101.73	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.13	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	122.07	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	169.55	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	271.27	
			<i>For &gt;50 To 100, Deduct</i>	-22.01	
			<i>For &gt;100, Deduct</i>	-31.23	
08 14 16 00-0449	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	423.18	74.36
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.49	
			<i>For Stave Lumber Core (SLC), Add</i>	205.85	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.51	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.94	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.21	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	205.85	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	329.35	
			<i>For &gt;50 To 100, Deduct</i>	-24.88	
			<i>For &gt;100, Deduct</i>	-35.46	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0450 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	436.90	74.36
For 7 Ply Cold Press Construction, Deduct	-5.76	
For Stave Lumber Core (SLC), Add	216.14	
For Structural Composite Lumber Core (SCLC), Add	129.68	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.58	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.62	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.14	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.82	
For >50 To 100, Deduct	-25.56	
For >100, Deduct	-36.49	
08 14 16 00-0451 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	476.24	80.31
For 7 Ply Cold Press Construction, Deduct	-6.31	
For Stave Lumber Core (SLC), Add	236.72	
For Structural Composite Lumber Core (SCLC), Add	142.03	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.87	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	170.43	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	236.72	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	378.74	
For >50 To 100, Deduct	-27.83	
For >100, Deduct	-39.73	
08 14 16 00-0452 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	317.54	65.43
For 7 Ply Cold Press Construction, Deduct	-3.73	
For Stave Lumber Core (SLC), Add	140.00	
For Structural Composite Lumber Core (SCLC), Add	84.00	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.40	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.80	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.00	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	223.99	
For >50 To 100, Deduct	-19.15	
For >100, Deduct	-27.09	
08 14 16 00-0453 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	317.54	65.43
For 7 Ply Cold Press Construction, Deduct	-3.73	
For Stave Lumber Core (SLC), Add	140.00	
For Structural Composite Lumber Core (SCLC), Add	84.00	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.40	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	100.80	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.00	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	223.99	
For >50 To 100, Deduct	-19.15	
For >100, Deduct	-27.09	
08 14 16 00-0454 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	333.23	68.41
For 7 Ply Cold Press Construction, Deduct	-3.93	
For Stave Lumber Core (SLC), Add	147.31	
For Structural Composite Lumber Core (SCLC), Add	88.38	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.57	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.06	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.31	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.69	
For >50 To 100, Deduct	-20.08	
For >100, Deduct	-28.41	
08 14 16 00-0455 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	341.42	68.41
For 7 Ply Cold Press Construction, Deduct	-4.09	
For Stave Lumber Core (SLC), Add	153.45	
For Structural Composite Lumber Core (SCLC), Add	92.07	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.55	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	110.48	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	153.45	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	245.52	
For >50 To 100, Deduct	-20.49	
For >100, Deduct	-29.03	
08 14 16 00-0456 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	346.89	68.41
For 7 Ply Cold Press Construction, Deduct	-4.20	
For Stave Lumber Core (SLC), Add	157.55	
For Structural Composite Lumber Core (SCLC), Add	94.53	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.21	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	113.44	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	157.55	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	252.08	
For >50 To 100, Deduct	-20.77	
For >100, Deduct	-29.44	
08 14 16 00-0457 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door .....	358.28	71.38
For 7 Ply Cold Press Construction, Deduct	-4.31	
For Stave Lumber Core (SLC), Add	161.63	
For Structural Composite Lumber Core (SCLC), Add	96.98	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.86	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.38	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	161.63	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	258.61	
For >50 To 100, Deduct	-21.48	
For >100, Deduct	-30.44	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0458	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	381.98 -4.78 179.41 107.64 28.71 129.17 179.41 287.05 -22.67 -32.22	71.38
08 14 16 00-0459	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	439.16 -5.81 217.83 130.70 34.85 156.84 217.83 348.53 -25.68 -36.66	74.36
08 14 16 00-0460	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	453.68 -6.10 228.72 137.23 36.60 164.68 228.72 365.95 -26.40 -37.74	74.36
08 14 16 00-0461	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	494.61 -6.68 250.49 150.30 40.08 180.35 250.49 400.79 -28.75 -41.11	80.31
08 14 16 00-0462	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	378.63 -4.96 185.81 111.49 29.73 133.79 185.81 297.30 -22.20 -31.67 52.03	65.43
08 14 16 00-0463	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	378.63 -4.96 185.81 111.49 29.73 133.79 185.81 297.30 -22.20 -31.67 52.03	65.43
08 14 16 00-0464	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	371.53 -4.69 176.03 105.62 28.17 126.74 176.03 281.65 -22.00 -31.29 49.29	68.41
08 14 16 00-0465	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	381.30 -4.89 183.36 110.02 29.34 132.02 183.36 293.38 -22.49 -32.02 51.34	68.41



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0466 EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 387.84		68.41
For 7 Ply Cold Press Construction, Deduct	-5.02	
For Stave Lumber Core (SLC), Add	188.27	
For Structural Composite Lumber Core (SCLC), Add	112.96	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.12	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	135.55	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	188.27	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	301.22	
For >50 To 100, Deduct	-22.81	
For >100, Deduct	-32.51	
For 9' Door Height, Add	52.71	
08 14 16 00-0467 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 400.29		71.38
For 7 Ply Cold Press Construction, Deduct	-5.15	
For Stave Lumber Core (SLC), Add	193.14	
For Structural Composite Lumber Core (SCLC), Add	115.88	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.90	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	139.06	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	193.14	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	309.02	
For >50 To 100, Deduct	-23.58	
For >100, Deduct	-33.59	
For 9' Door Height, Add	54.08	
08 14 16 00-0468 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 428.62		71.38
For 7 Ply Cold Press Construction, Deduct	-5.72	
For Stave Lumber Core (SLC), Add	214.39	
For Structural Composite Lumber Core (SCLC), Add	128.63	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.30	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	154.36	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	214.39	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	343.02	
For >50 To 100, Deduct	-25.00	
For >100, Deduct	-35.72	
For 9' Door Height, Add	60.03	
08 14 16 00-0469 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 495.78		74.36
For 7 Ply Cold Press Construction, Deduct	-6.94	
For Stave Lumber Core (SLC), Add	260.30	
For Structural Composite Lumber Core (SCLC), Add	156.18	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.65	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.41	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	260.30	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	416.47	
For >50 To 100, Deduct	-28.51	
For >100, Deduct	-40.90	
For 9' Door Height, Add	72.88	
08 14 16 00-0470 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 513.13		74.36
For 7 Ply Cold Press Construction, Deduct	-7.29	
For Stave Lumber Core (SLC), Add	273.31	
For Structural Composite Lumber Core (SCLC), Add	163.98	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.73	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.78	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.31	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	437.29	
For >50 To 100, Deduct	-29.37	
For >100, Deduct	-42.20	
For 9' Door Height, Add	76.53	
08 14 16 00-0471 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door ..... 559.74		80.31
For 7 Ply Cold Press Construction, Deduct	-7.98	
For Stave Lumber Core (SLC), Add	299.34	
For Structural Composite Lumber Core (SCLC), Add	179.60	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.89	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	215.52	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	299.34	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	478.94	
For >50 To 100, Deduct	-32.00	
For >100, Deduct	-46.00	
For 9' Door Height, Add	83.82	
<b>08 14 16 00-0472 Oak Faced Wood Doors (08 14 16 00-0440)</b>		
08 14 16 00-0473 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... 490.15		65.43
For 7 Ply Cold Press Construction, Deduct	-7.19	
For Stave Lumber Core (SLC), Add	269.45	
For Structural Composite Lumber Core (SCLC), Add	161.67	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.11	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	194.01	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	269.45	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	431.12	
For >50 To 100, Deduct	-27.78	
For >100, Deduct	-40.03	

## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0474	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	490.15 -7.19 269.45 161.67 43.11 194.01 269.45 431.12 -27.78 -40.03	65.43
08 14 16 00-0475	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	496.09 -7.19 269.45 161.67 43.11 194.01 269.45 431.12 -28.23 -40.63	68.41
08 14 16 00-0476	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	499.78 -7.26 272.22 163.33 43.56 196.00 272.22 435.55 -28.41 -40.90	68.41
08 14 16 00-0477	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	501.45 -7.29 273.47 164.08 43.76 196.90 273.47 437.56 -28.49 -41.03	68.41
08 14 16 00-0478	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	509.07 -7.33 274.73 164.84 43.96 197.80 274.73 439.56 -29.02 -41.75	71.38
08 14 16 00-0479	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	549.30 -8.13 304.90 182.94 48.78 219.53 304.90 487.84 -31.03 -44.77	71.38
08 14 16 00-0480	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	658.85 -10.20 382.60 229.56 61.22 275.47 382.60 612.16 -36.66 -53.13	74.36
08 14 16 00-0481	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	684.72 -10.72 402.00 241.20 64.32 289.44 402.00 643.20 -37.95 -55.07	74.36





		<b>Openings</b>	<b>08</b>
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0482	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	747.28 -11.73 440.00 264.00 70.40 316.80 440.00 703.99 -41.38 -60.06	80.31
08 14 16 00-0483	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	511.05 -7.60 285.13 171.08 45.62 205.29 285.13 456.20 -28.82 -41.60	65.43
08 14 16 00-0484	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	511.05 -7.60 285.13 171.08 45.62 205.29 285.13 456.20 -28.82 -41.60	65.43
08 14 16 00-0485	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	516.99 -7.60 285.13 171.08 45.62 205.29 285.13 456.20 -29.27 -42.19	68.41
08 14 16 00-0486	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	520.89 -7.68 288.05 172.83 46.09 207.40 288.05 460.88 -29.47 -42.49	68.41
08 14 16 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	522.66 -7.72 289.38 173.63 46.30 208.35 289.38 463.01 -29.55 -42.62	68.41
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	530.39 -7.75 290.72 174.43 46.51 209.31 290.72 465.14 -30.09 -43.35	71.38
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	572.97 -8.60 322.65 193.59 51.62 232.31 322.65 516.24 -32.22 -46.54	71.38



## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0490	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	688.55	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.80	
	<i>For Stave Lumber Core (SLC), Add</i>	404.87	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	242.92	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	64.78	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	291.51	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	404.87	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	647.80	
	<i>For &gt;50 To 100, Deduct</i>	-38.15	
	<i>For &gt;100, Deduct</i>	-55.36	
08 14 16 00-0491	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	715.90	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.34	
	<i>For Stave Lumber Core (SLC), Add</i>	425.39	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	255.23	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	68.06	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	306.28	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	425.39	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	680.62	
	<i>For &gt;50 To 100, Deduct</i>	-39.51	
	<i>For &gt;100, Deduct</i>	-57.41	
08 14 16 00-0492	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	781.41	80.31
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.42	
	<i>For Stave Lumber Core (SLC), Add</i>	465.59	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	279.36	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	74.49	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	335.23	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	465.59	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	744.95	
	<i>For &gt;50 To 100, Deduct</i>	-43.09	
	<i>For &gt;100, Deduct</i>	-62.62	
08 14 16 00-0493	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	585.17	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.09	
	<i>For Stave Lumber Core (SLC), Add</i>	340.72	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	204.43	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	54.51	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	245.32	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	340.72	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	545.15	
	<i>For &gt;50 To 100, Deduct</i>	-32.53	
	<i>For &gt;100, Deduct</i>	-47.16	
	<i>For 9' Door Height, Add</i>	95.40	
08 14 16 00-0494	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	585.17	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.09	
	<i>For Stave Lumber Core (SLC), Add</i>	340.72	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	204.43	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	54.51	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	245.32	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	340.72	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	545.15	
	<i>For &gt;50 To 100, Deduct</i>	-32.53	
	<i>For &gt;100, Deduct</i>	-47.16	
	<i>For 9' Door Height, Add</i>	95.40	
08 14 16 00-0495	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	591.11	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.09	
	<i>For Stave Lumber Core (SLC), Add</i>	340.72	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	204.43	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	54.51	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	245.32	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	340.72	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	545.15	
	<i>For &gt;50 To 100, Deduct</i>	-32.98	
	<i>For &gt;100, Deduct</i>	-47.75	
	<i>For 9' Door Height, Add</i>	95.40	
08 14 16 00-0496	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	595.79	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.18	
	<i>For Stave Lumber Core (SLC), Add</i>	344.23	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	206.54	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	55.08	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	247.84	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	344.23	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	550.76	
	<i>For &gt;50 To 100, Deduct</i>	-33.21	
	<i>For &gt;100, Deduct</i>	-48.10	
	<i>For 9' Door Height, Add</i>	96.38	
08 14 16 00-0497	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	597.92	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.22	
	<i>For Stave Lumber Core (SLC), Add</i>	345.83	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	207.50	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	55.33	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	248.99	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	345.83	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	553.32	
	<i>For &gt;50 To 100, Deduct</i>	-33.32	
	<i>For &gt;100, Deduct</i>	-48.26	
	<i>For 9' Door Height, Add</i>	96.83	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0498 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	605.96	71.38
For 7 Ply Cold Press Construction, Deduct	-9.26	
For Stave Lumber Core (SLC), Add	347.39	
For Structural Composite Lumber Core (SCLC), Add	208.44	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.58	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	250.12	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	347.39	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	555.83	
For >50 To 100, Deduct	-33.87	
For >100, Deduct	-49.02	
For 9' Door Height, Add	97.27	
08 14 16 00-0499 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	656.84	71.38
For 7 Ply Cold Press Construction, Deduct	-10.28	
For Stave Lumber Core (SLC), Add	385.55	
For Structural Composite Lumber Core (SCLC), Add	231.33	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	61.69	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	277.60	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	385.55	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	616.88	
For >50 To 100, Deduct	-36.41	
For >100, Deduct	-52.83	
For 9' Door Height, Add	107.95	
08 14 16 00-0500 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	793.82	74.36
For 7 Ply Cold Press Construction, Deduct	-12.90	
For Stave Lumber Core (SLC), Add	483.83	
For Structural Composite Lumber Core (SCLC), Add	290.30	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	77.41	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	348.35	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	483.83	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	774.12	
For >50 To 100, Deduct	-43.41	
For >100, Deduct	-63.25	
For 9' Door Height, Add	135.47	
08 14 16 00-0501 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	826.49	74.36
For 7 Ply Cold Press Construction, Deduct	-13.56	
For Stave Lumber Core (SLC), Add	508.33	
For Structural Composite Lumber Core (SCLC), Add	305.00	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	81.33	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	366.00	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	508.33	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	813.32	
For >50 To 100, Deduct	-45.04	
For >100, Deduct	-65.70	
For 9' Door Height, Add	142.33	
08 14 16 00-0502 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	902.47	80.31
For 7 Ply Cold Press Construction, Deduct	-14.84	
For Stave Lumber Core (SLC), Add	556.39	
For Structural Composite Lumber Core (SCLC), Add	333.83	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	89.02	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	400.60	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	556.39	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	890.22	
For >50 To 100, Deduct	-49.14	
For >100, Deduct	-71.70	
For 9' Door Height, Add	155.79	
<b>08 14 16 00-0503 Maple Faced Wood Doors</b> <small>(08 14 16 00-0440)</small>		
08 14 16 00-0504 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	448.43	65.43
For 7 Ply Cold Press Construction, Deduct	-6.35	
For Stave Lumber Core (SLC), Add	238.16	
For Structural Composite Lumber Core (SCLC), Add	142.90	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.11	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	171.48	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	238.16	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	381.06	
For >50 To 100, Deduct	-25.69	
For >100, Deduct	-36.90	
08 14 16 00-0505 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	448.43	65.43
For 7 Ply Cold Press Construction, Deduct	-6.35	
For Stave Lumber Core (SLC), Add	238.16	
For Structural Composite Lumber Core (SCLC), Add	142.90	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.11	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	171.48	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	238.16	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	381.06	
For >50 To 100, Deduct	-25.69	
For >100, Deduct	-36.90	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0506	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	454.37 -6.35 238.16 142.90 38.11 171.48 238.16 381.06 -26.14 -37.50	68.41
08 14 16 00-0507	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	457.64 -6.42 240.62 144.37 38.50 173.24 240.62 384.98 -26.30 -37.74	68.41
08 14 16 00-0508	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	459.10 -6.45 241.71 145.03 38.67 174.03 241.71 386.74 -26.38 -37.85	68.41
08 14 16 00-0509	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	466.54 -6.48 242.83 145.70 38.85 174.84 242.83 388.52 -26.90 -38.56	71.38
08 14 16 00-0510	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	502.11 -7.19 269.51 161.70 43.12 194.04 269.51 431.21 -28.67 -41.23	71.38
08 14 16 00-0511	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	577.08 -8.57 321.27 192.76 51.40 231.31 321.27 514.03 -32.57 -47.00	74.36
08 14 16 00-0512	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	622.16 -9.47 355.08 213.05 56.81 255.66 355.08 568.13 -34.83 -50.38	74.36
08 14 16 00-0513	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	667.30 -10.37 388.94 233.36 62.23 280.03 388.94 622.30 -37.08 -53.77	74.36



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0514 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	466.91	65.43
For 7 Ply Cold Press Construction, Deduct	-6.72	
For Stave Lumber Core (SLC), Add	252.02	
For Structural Composite Lumber Core (SCLC), Add	151.21	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.32	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	181.46	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.02	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	403.24	
For >50 To 100, Deduct	-26.62	
For >100, Deduct	-38.29	
08 14 16 00-0515 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	466.91	65.43
For 7 Ply Cold Press Construction, Deduct	-6.72	
For Stave Lumber Core (SLC), Add	252.02	
For Structural Composite Lumber Core (SCLC), Add	151.21	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.32	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	181.46	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.02	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	403.24	
For >50 To 100, Deduct	-26.62	
For >100, Deduct	-38.29	
08 14 16 00-0516 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	472.85	68.41
For 7 Ply Cold Press Construction, Deduct	-6.72	
For Stave Lumber Core (SLC), Add	252.02	
For Structural Composite Lumber Core (SCLC), Add	151.21	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.32	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	181.46	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	252.02	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	403.24	
For >50 To 100, Deduct	-27.06	
For >100, Deduct	-38.88	
08 14 16 00-0517 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	476.30	68.41
For 7 Ply Cold Press Construction, Deduct	-6.79	
For Stave Lumber Core (SLC), Add	254.61	
For Structural Composite Lumber Core (SCLC), Add	152.77	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.74	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	183.32	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	254.61	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	407.38	
For >50 To 100, Deduct	-27.24	
For >100, Deduct	-39.14	
08 14 16 00-0518 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	477.87	68.41
For 7 Ply Cold Press Construction, Deduct	-6.82	
For Stave Lumber Core (SLC), Add	255.79	
For Structural Composite Lumber Core (SCLC), Add	153.47	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.93	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	184.17	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	255.79	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	409.26	
For >50 To 100, Deduct	-27.31	
For >100, Deduct	-39.26	
08 14 16 00-0519 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	485.39	71.38
For 7 Ply Cold Press Construction, Deduct	-6.85	
For Stave Lumber Core (SLC), Add	256.97	
For Structural Composite Lumber Core (SCLC), Add	154.18	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.11	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	185.01	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	256.97	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	411.14	
For >50 To 100, Deduct	-27.84	
For >100, Deduct	-39.97	
08 14 16 00-0520 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	523.02	71.38
For 7 Ply Cold Press Construction, Deduct	-7.61	
For Stave Lumber Core (SLC), Add	285.19	
For Structural Composite Lumber Core (SCLC), Add	171.11	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.63	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	205.34	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	285.19	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	456.30	
For >50 To 100, Deduct	-29.72	
For >100, Deduct	-42.80	
08 14 16 00-0521 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	602.01	74.36
For 7 Ply Cold Press Construction, Deduct	-9.07	
For Stave Lumber Core (SLC), Add	339.97	
For Structural Composite Lumber Core (SCLC), Add	203.98	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	54.39	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	244.78	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	339.97	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	543.95	
For >50 To 100, Deduct	-33.82	
For >100, Deduct	-48.87	

## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0522	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	649.73	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.02	
	<i>For Stave Lumber Core (SLC), Add</i>	375.76	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	225.45	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	60.12	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	270.55	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	375.76	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	601.21	
	<i>For &gt;50 To 100, Deduct</i>	-36.20	
	<i>For &gt;100, Deduct</i>	-52.45	
08 14 16 00-0523	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	697.48	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.98	
	<i>For Stave Lumber Core (SLC), Add</i>	411.57	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	246.94	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	65.85	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	296.33	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	411.57	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	658.51	
	<i>For &gt;50 To 100, Deduct</i>	-38.59	
	<i>For &gt;100, Deduct</i>	-56.03	
08 14 16 00-0524	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	532.43	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.03	
	<i>For Stave Lumber Core (SLC), Add</i>	301.16	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	180.70	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.19	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	216.84	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	301.16	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	481.86	
	<i>For &gt;50 To 100, Deduct</i>	-29.89	
	<i>For &gt;100, Deduct</i>	-43.20	
	<i>For 9' Door Height, Add</i>	84.33	
08 14 16 00-0525	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	532.43	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.03	
	<i>For Stave Lumber Core (SLC), Add</i>	301.16	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	180.70	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.19	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	216.84	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	301.16	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	481.86	
	<i>For &gt;50 To 100, Deduct</i>	-29.89	
	<i>For &gt;100, Deduct</i>	-43.20	
	<i>For 9' Door Height, Add</i>	84.33	
08 14 16 00-0526	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	538.37	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.03	
	<i>For Stave Lumber Core (SLC), Add</i>	301.16	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	180.70	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.19	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	216.84	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	301.16	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	481.86	
	<i>For &gt;50 To 100, Deduct</i>	-30.34	
	<i>For &gt;100, Deduct</i>	-43.80	
	<i>For 9' Door Height, Add</i>	84.33	
08 14 16 00-0527	EA 2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	542.50	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.11	
	<i>For Stave Lumber Core (SLC), Add</i>	304.26	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	182.56	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.68	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	219.07	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	304.26	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	486.82	
	<i>For &gt;50 To 100, Deduct</i>	-30.55	
	<i>For &gt;100, Deduct</i>	-44.11	
	<i>For 9' Door Height, Add</i>	85.19	
08 14 16 00-0528	EA 2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	544.38	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.15	
	<i>For Stave Lumber Core (SLC), Add</i>	305.67	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	183.40	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.91	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	220.08	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	305.67	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	489.07	
	<i>For &gt;50 To 100, Deduct</i>	-30.64	
	<i>For &gt;100, Deduct</i>	-44.25	
	<i>For 9' Door Height, Add</i>	85.59	
08 14 16 00-0529	EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	552.19	71.38
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.19	
	<i>For Stave Lumber Core (SLC), Add</i>	307.07	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	184.24	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.13	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	221.09	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	307.07	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	491.30	
	<i>For &gt;50 To 100, Deduct</i>	-31.18	
	<i>For &gt;100, Deduct</i>	-44.98	
	<i>For 9' Door Height, Add</i>	85.98	





<b>Openings</b>	<b>08</b>	<b>08</b>
Doors and Frames	08 10	
Wood Doors	08 14	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0530	EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	597.16 -9.09 340.79 204.48 54.53 245.37 340.79 545.27 -33.43 -48.36 95.42	71.38
08 14 16 00-0531	EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	690.40 -10.83 406.26 243.76 65.00 292.51 406.26 650.02 -38.24 -55.50 113.75	74.36
08 14 16 00-0532	EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	747.42 -11.97 449.03 269.42 71.84 323.30 449.03 718.44 -41.09 -59.77 125.73	74.36
08 14 16 00-0533	EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	804.47 -13.12 491.81 295.09 78.69 354.11 491.81 786.90 -43.94 -64.05 137.71	74.36
<b>08 14 16 00-0534</b>	<b>Walnut Faced Wood Doors</b> (08 14 16 00-0440)		
08 14 16 00-0535	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	682.10 -11.02 413.42 248.05 66.15 297.66 413.42 661.46 -37.38 -54.43	65.43
08 14 16 00-0536	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	682.10 -11.02 413.42 248.05 66.15 297.66 413.42 661.46 -37.38 -54.43	65.43
08 14 16 00-0537	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	688.21 -11.03 413.54 248.13 66.17 297.75 413.54 661.67 -37.83 -55.04	68.41
08 14 16 00-0538	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	693.89 -11.14 417.80 250.68 66.85 300.82 417.80 668.48 -38.12 -55.46	68.41



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0539	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	708.76	68.41
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.44	
	<i>For Stave Lumber Core (SLC), Add</i>	428.96	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	257.37	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	68.63	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	308.85	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	428.96	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	686.33	
	<i>For &gt;50 To 100, Deduct</i>	-38.86	
	<i>For &gt;100, Deduct</i>	-56.58	
08 14 16 00-0540	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	729.54	71.38
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.74	
	<i>For Stave Lumber Core (SLC), Add</i>	440.08	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	264.05	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	70.41	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	316.86	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	440.08	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	704.12	
	<i>For &gt;50 To 100, Deduct</i>	-40.05	
	<i>For &gt;100, Deduct</i>	-58.28	
08 14 16 00-0541	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	768.07	71.38
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.51	
	<i>For Stave Lumber Core (SLC), Add</i>	468.98	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	281.39	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	75.04	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	337.66	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	468.98	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	750.36	
	<i>For &gt;50 To 100, Deduct</i>	-41.97	
	<i>For &gt;100, Deduct</i>	-61.17	
08 14 16 00-0542	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	936.66	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-15.76	
	<i>For Stave Lumber Core (SLC), Add</i>	590.96	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	354.57	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	94.55	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	425.49	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	590.96	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	945.53	
	<i>For &gt;50 To 100, Deduct</i>	-50.55	
	<i>For &gt;100, Deduct</i>	-73.97	
08 14 16 00-0543	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	976.04	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-16.55	
	<i>For Stave Lumber Core (SLC), Add</i>	620.49	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	372.29	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	99.28	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	446.75	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	620.49	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	992.78	
	<i>For &gt;50 To 100, Deduct</i>	-52.52	
	<i>For &gt;100, Deduct</i>	-76.92	
08 14 16 00-0544	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	1,054.88	74.36
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-18.12	
	<i>For Stave Lumber Core (SLC), Add</i>	679.62	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	407.77	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	108.74	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	489.33	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	679.62	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,087.39	
	<i>For &gt;50 To 100, Deduct</i>	-56.46	
	<i>For &gt;100, Deduct</i>	-82.83	
08 14 16 00-0545	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	714.17	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.67	
	<i>For Stave Lumber Core (SLC), Add</i>	437.47	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	262.48	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	69.99	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	314.98	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	437.47	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	699.95	
	<i>For &gt;50 To 100, Deduct</i>	-38.98	
	<i>For &gt;100, Deduct</i>	-56.83	
08 14 16 00-0546	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	714.17	65.43
	<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.67	
	<i>For Stave Lumber Core (SLC), Add</i>	437.47	
	<i>For Structural Composite Lumber Core (SCLC), Add</i>	262.48	
	<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	69.99	
	<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	314.98	
	<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	437.47	
	<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	699.95	
	<i>For &gt;50 To 100, Deduct</i>	-38.98	
	<i>For &gt;100, Deduct</i>	-56.83	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0547 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	720.29 -11.67 437.60 262.56 70.02 315.07 437.60 700.16 -39.44 -57.44	68.41
08 14 16 00-0548 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	726.32 -11.79 442.13 265.28 70.74 318.33 442.13 707.40 -39.74 -57.89	68.41
08 14 16 00-0549 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	742.04 -12.10 453.92 272.35 72.63 326.82 453.92 726.26 -40.52 -59.07	68.41
08 14 16 00-0550 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	763.67 -12.42 465.68 279.41 74.51 335.29 465.68 745.08 -41.75 -60.84	71.38
08 14 16 00-0551 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	804.47 -13.23 496.28 297.77 79.40 357.32 496.28 794.04 -43.79 -63.90	71.38
08 14 16 00-0552 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	982.50 -16.68 625.34 375.20 100.05 450.24 625.34 1,000.54 -52.84 -77.41	74.36
08 14 16 00-0553 EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	1,024.19 -17.51 656.60 393.96 105.06 472.75 656.60 1,050.56 -54.93 -80.53	74.36
08 14 16 00-0554 EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	1,107.60 -19.18 719.16 431.50 115.07 517.80 719.16 1,150.66 -59.10 -86.79	74.36

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

08 14 16 00-0555	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	827.92	65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.94	
		<i>For Stave Lumber Core (SLC), Add</i>	522.78	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	313.67	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	83.64	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	376.40	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	522.78	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	836.45	
		<i>For &gt;50 To 100, Deduct</i>	-44.67	
		<i>For &gt;100, Deduct</i>	-65.37	
		<i>For 9' Door Height, Add</i>	146.38	
08 14 16 00-0556	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	827.92	65.43
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.94	
		<i>For Stave Lumber Core (SLC), Add</i>	522.78	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	313.67	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	83.64	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	376.40	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	522.78	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	836.45	
		<i>For &gt;50 To 100, Deduct</i>	-44.67	
		<i>For &gt;100, Deduct</i>	-65.37	
		<i>For 9' Door Height, Add</i>	146.38	
08 14 16 00-0557	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	834.07	68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.95	
		<i>For Stave Lumber Core (SLC), Add</i>	522.94	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	313.76	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	83.67	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	376.52	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	522.94	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	836.70	
		<i>For &gt;50 To 100, Deduct</i>	-45.12	
		<i>For &gt;100, Deduct</i>	-65.98	
		<i>For 9' Door Height, Add</i>	146.42	
08 14 16 00-0558	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	841.28	68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.09	
		<i>For Stave Lumber Core (SLC), Add</i>	528.35	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	317.01	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	84.54	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	380.41	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	528.35	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	845.35	
		<i>For &gt;50 To 100, Deduct</i>	-45.48	
		<i>For &gt;100, Deduct</i>	-66.52	
		<i>For 9' Door Height, Add</i>	147.94	
08 14 16 00-0559	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	860.04	68.41
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.46	
		<i>For Stave Lumber Core (SLC), Add</i>	542.42	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	325.45	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	86.79	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	390.54	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	542.42	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	867.86	
		<i>For &gt;50 To 100, Deduct</i>	-46.42	
		<i>For &gt;100, Deduct</i>	-67.92	
		<i>For 9' Door Height, Add</i>	151.88	
08 14 16 00-0560	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	884.76	71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.84	
		<i>For Stave Lumber Core (SLC), Add</i>	556.49	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	333.90	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	89.04	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	400.67	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	556.49	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	890.39	
		<i>For &gt;50 To 100, Deduct</i>	-47.81	
		<i>For &gt;100, Deduct</i>	-69.93	
		<i>For 9' Door Height, Add</i>	155.82	
08 14 16 00-0561	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	933.51	71.38
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-15.81	
		<i>For Stave Lumber Core (SLC), Add</i>	593.06	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	355.83	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	94.89	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	427.00	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	593.06	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	948.89	
		<i>For &gt;50 To 100, Deduct</i>	-50.24	
		<i>For &gt;100, Deduct</i>	-73.58	
		<i>For 9' Door Height, Add</i>	166.06	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0562 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... 1,145.10 74.36 For 7 Ply Cold Press Construction, Deduct -19.93 For Stave Lumber Core (SLC), Add 747.29 For Structural Composite Lumber Core (SCLC), Add 448.37 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 119.57 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 538.05 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 747.29 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 1,195.66 For >50 To 100, Deduct -60.97 For >100, Deduct -89.60 For 9' Door Height, Add 209.24		
08 14 16 00-0563 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... 1,194.92 74.36 For 7 Ply Cold Press Construction, Deduct -20.92 For Stave Lumber Core (SLC), Add 784.65 For Structural Composite Lumber Core (SCLC), Add 470.79 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 125.54 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 564.95 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 784.65 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 1,255.44 For >50 To 100, Deduct -63.46 For >100, Deduct -93.34 For 9' Door Height, Add 219.70		
08 14 16 00-0564 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door ..... 1,294.58 74.36 For 7 Ply Cold Press Construction, Deduct -22.92 For Stave Lumber Core (SLC), Add 859.40 For Structural Composite Lumber Core (SCLC), Add 515.64 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 137.50 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 618.76 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 859.40 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 1,375.03 For >50 To 100, Deduct -68.45 For >100, Deduct -100.81 For 9' Door Height, Add 240.63		
<b>08 14 16 00-0565 Lauan Faced Wood Doors</b> <small>(08 14 16 00-0440)</small>		
08 14 16 00-0566 EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 379.92 65.43 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 29.88 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 134.48 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 186.78 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 298.85 For >50 To 100, Deduct -22.27 For >100, Deduct -31.77		
08 14 16 00-0567 EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 379.92 65.43 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 29.88 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 134.48 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 186.78 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 298.85 For >50 To 100, Deduct -22.27 For >100, Deduct -31.77		
08 14 16 00-0568 EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 386.58 68.41 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 29.97 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 134.87 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 187.32 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 299.71 For >50 To 100, Deduct -22.75 For >100, Deduct -32.41		
08 14 16 00-0569 EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 393.76 68.41 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 30.83 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 138.75 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 192.71 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 308.33 For >50 To 100, Deduct -23.11 For >100, Deduct -32.95		
08 14 16 00-0570 EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 396.35 68.41 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 31.14 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 140.15 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 194.65 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 311.44 For >50 To 100, Deduct -23.24 For >100, Deduct -33.15		
08 14 16 00-0571 EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 404.89 71.38 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 31.45 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 141.54 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 196.59 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 314.54 For >50 To 100, Deduct -23.81 For >100, Deduct -33.94		
08 14 16 00-0572 EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... 428.59 71.38 For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add 34.30 For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add 154.34 For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add 214.37 For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add 342.98 For >50 To 100, Deduct -25.00 For >100, Deduct -35.71		

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0573	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....454.92	454.92	74.36
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.74	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	165.35	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	229.65	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	367.44	
			<i>For &gt;50 To 100, Deduct</i>	-26.46	
			<i>For &gt;100, Deduct</i>	-37.84	
08 14 16 00-0574	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....470.23	470.23	74.36
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	38.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	173.62	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	241.13	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	385.81	
			<i>For &gt;50 To 100, Deduct</i>	-27.23	
			<i>For &gt;100, Deduct</i>	-38.99	
08 14 16 00-0575	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....500.86	500.86	74.36
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.26	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	190.16	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	264.11	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	422.57	
			<i>For &gt;50 To 100, Deduct</i>	-28.76	
			<i>For &gt;100, Deduct</i>	-41.28	
08 14 16 00-0576	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....394.40	394.40	65.43
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.62	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.30	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.64	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.22	
			<i>For &gt;50 To 100, Deduct</i>	-22.99	
			<i>For &gt;100, Deduct</i>	-32.85	
08 14 16 00-0577	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....394.40	394.40	65.43
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.62	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.30	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	197.64	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	316.22	
			<i>For &gt;50 To 100, Deduct</i>	-22.99	
			<i>For &gt;100, Deduct</i>	-32.85	
08 14 16 00-0578	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....401.11	401.11	68.41
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.71	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.72	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	198.22	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	317.15	
			<i>For &gt;50 To 100, Deduct</i>	-23.48	
			<i>For &gt;100, Deduct</i>	-33.50	
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....408.70	408.70	68.41
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.63	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	146.82	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	203.91	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	326.26	
			<i>For &gt;50 To 100, Deduct</i>	-23.86	
			<i>For &gt;100, Deduct</i>	-34.07	
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....411.47	411.47	68.41
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.96	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	148.31	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	205.99	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	329.58	
			<i>For &gt;50 To 100, Deduct</i>	-23.99	
			<i>For &gt;100, Deduct</i>	-34.28	
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....420.15	420.15	71.38
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.29	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	149.79	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	208.04	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	332.86	
			<i>For &gt;50 To 100, Deduct</i>	-24.58	
			<i>For &gt;100, Deduct</i>	-35.08	
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....445.22	445.22	71.38
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.29	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	163.32	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	226.84	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	362.94	
			<i>For &gt;50 To 100, Deduct</i>	-25.83	
			<i>For &gt;100, Deduct</i>	-36.96	
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....472.74	472.74	74.36
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	38.88	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	174.97	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	243.02	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	388.82	
			<i>For &gt;50 To 100, Deduct</i>	-27.36	
			<i>For &gt;100, Deduct</i>	-39.17	
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Luan Faced Wood Door .....488.94	488.94	74.36
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	40.83	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	183.72	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	255.17	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	408.26	
			<i>For &gt;50 To 100, Deduct</i>	-28.17	
			<i>For &gt;100, Deduct</i>	-40.39	





		<b>Openings</b>	<b>08</b>
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0585	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	521.37 44.72 201.23 279.49 447.18 -29.79 -42.82	74.36
08 14 16 00-0586	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	445.77 37.79 170.04 236.17 377.87 -25.56 -36.70 66.13	65.43
08 14 16 00-0587	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	445.77 37.79 170.04 236.17 377.87 -25.56 -36.70 66.13	65.43
08 14 16 00-0588	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	452.63 37.90 170.54 236.86 378.97 -26.05 -37.37 66.32	68.41
08 14 16 00-0589	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	461.72 38.99 175.45 243.68 389.88 -26.51 -38.05 68.23	68.41
08 14 16 00-0590	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	465.03 39.39 177.23 246.16 393.85 -26.67 -38.30 68.92	68.41
08 14 16 00-0591	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	474.25 39.78 179.00 248.61 397.78 -27.28 -39.14 69.61	71.38
08 14 16 00-0592	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	504.21 43.37 195.18 271.08 433.73 -28.78 -41.39 75.90	71.38
08 14 16 00-0593	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	535.92 46.46 209.09 290.40 464.64 -30.51 -43.91 81.31	74.36
08 14 16 00-0594	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	555.27 48.79 219.54 304.91 487.86 -31.48 -45.36 85.38	74.36
08 14 16 00-0595	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door ..... <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For 9' Door Height, Add</i>	594.04 53.44 240.47 333.99 534.38 -33.42 -48.27 93.52	74.36



## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 14 16 00-0596	Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)		
08 14 16 00-0597	EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	320.66 142.34 85.40 22.77 -19.31 -27.32	65.43
08 14 16 00-0598	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	320.66 142.34 85.40 22.77 -19.31 -27.32	65.43
08 14 16 00-0599	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	337.59 150.58 90.35 24.09 -20.30 -28.74	68.41
08 14 16 00-0600	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	348.55 158.80 95.28 25.41 -20.85 -29.56	68.41
08 14 16 00-0601	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	350.59 160.33 96.20 25.65 -20.95 -29.71	68.41
08 14 16 00-0602	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	358.61 161.88 97.13 25.90 -21.50 -30.47	71.38
08 14 16 00-0603	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	382.40 179.72 107.83 28.76 -22.69 -32.25	71.38
08 14 16 00-0604	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	431.80 212.31 127.39 33.97 -25.31 -36.10	74.36
08 14 16 00-0605	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	445.97 222.94 133.76 35.67 -26.02 -37.17	74.36
08 14 16 00-0606	EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	474.25 244.15 146.49 39.06 -27.43 -39.29	74.36
08 14 16 00-0607	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	331.71 150.62 90.37 24.10 -19.86 -28.15	65.43
08 14 16 00-0608	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	331.71 150.62 90.37 24.10 -19.86 -28.15	65.43
08 14 16 00-0609	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door ..... For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct	349.28 159.35 95.61 25.50 -20.88 -29.62	68.41



	<b>Openings</b>	<b>08</b>
	<b>Doors and Frames</b>	<b>08 10</b>
	<b>Wood Doors</b>	<b>08 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0610	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	360.88	68.41
			For Stave Lumber Core (SLC), Add	168.05	
			For Structural Composite Lumber Core (SCLC), Add	100.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.89	
			For >50 To 100, Deduct	-21.46	
			For >100, Deduct	-30.49	
08 14 16 00-0611	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	363.04	68.41
			For Stave Lumber Core (SLC), Add	169.67	
			For Structural Composite Lumber Core (SCLC), Add	101.80	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.15	
			For >50 To 100, Deduct	-21.57	
			For >100, Deduct	-30.65	
08 14 16 00-0612	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	371.18	71.38
			For Stave Lumber Core (SLC), Add	171.31	
			For Structural Composite Lumber Core (SCLC), Add	102.78	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.41	
			For >50 To 100, Deduct	-22.13	
			For >100, Deduct	-31.41	
08 14 16 00-0613	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	396.34	71.38
			For Stave Lumber Core (SLC), Add	190.18	
			For Structural Composite Lumber Core (SCLC), Add	114.11	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.43	
			For >50 To 100, Deduct	-23.39	
			For >100, Deduct	-33.29	
08 14 16 00-0614	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	448.27	74.36
			For Stave Lumber Core (SLC), Add	224.66	
			For Structural Composite Lumber Core (SCLC), Add	134.80	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.95	
			For >50 To 100, Deduct	-26.13	
			For >100, Deduct	-37.34	
08 14 16 00-0615	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	463.25	74.36
			For Stave Lumber Core (SLC), Add	235.90	
			For Structural Composite Lumber Core (SCLC), Add	141.54	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.74	
			For >50 To 100, Deduct	-26.88	
			For >100, Deduct	-38.46	
08 14 16 00-0616	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	493.20	74.36
			For Stave Lumber Core (SLC), Add	258.36	
			For Structural Composite Lumber Core (SCLC), Add	155.02	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.34	
			For >50 To 100, Deduct	-28.38	
			For >100, Deduct	-40.71	
08 14 16 00-0617	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	370.86	65.43
			For Stave Lumber Core (SLC), Add	179.99	
			For Structural Composite Lumber Core (SCLC), Add	107.99	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.80	
			For >50 To 100, Deduct	-21.82	
			For >100, Deduct	-31.09	
			For 9' Door Height, Add	50.40	
08 14 16 00-0618	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	370.86	65.43
			For Stave Lumber Core (SLC), Add	179.99	
			For Structural Composite Lumber Core (SCLC), Add	107.99	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.80	
			For >50 To 100, Deduct	-21.82	
			For >100, Deduct	-31.09	
			For 9' Door Height, Add	50.40	
08 14 16 00-0619	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	390.71	68.41
			For Stave Lumber Core (SLC), Add	190.42	
			For Structural Composite Lumber Core (SCLC), Add	114.25	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.47	
			For >50 To 100, Deduct	-22.96	
			For >100, Deduct	-32.72	
			For 9' Door Height, Add	53.32	
08 14 16 00-0620	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	404.59	68.41
			For Stave Lumber Core (SLC), Add	200.83	
			For Structural Composite Lumber Core (SCLC), Add	120.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.13	
			For >50 To 100, Deduct	-23.65	
			For >100, Deduct	-33.76	
			For 9' Door Height, Add	56.23	
08 14 16 00-0621	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	407.15	68.41
			For Stave Lumber Core (SLC), Add	202.75	
			For Structural Composite Lumber Core (SCLC), Add	121.65	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.44	
			For >50 To 100, Deduct	-23.78	
			For >100, Deduct	-33.96	
			For 9' Door Height, Add	56.77	
08 14 16 00-0622	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	415.73	71.38
			For Stave Lumber Core (SLC), Add	204.72	
			For Structural Composite Lumber Core (SCLC), Add	122.83	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.76	
			For >50 To 100, Deduct	-24.36	
			For >100, Deduct	-34.75	
			For 9' Door Height, Add	57.32	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0623	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	445.79	71.38
			<i>For Stave Lumber Core (SLC), Add</i>	227.27	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	136.36	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.36	
			<i>For &gt;50 To 100, Deduct</i>	-25.86	
			<i>For &gt;100, Deduct</i>	-37.00	
			<i>For 9' Door Height, Add</i>	63.63	
08 14 16 00-0624	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	506.67	74.36
			<i>For Stave Lumber Core (SLC), Add</i>	268.46	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	161.08	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.95	
			<i>For &gt;50 To 100, Deduct</i>	-29.05	
			<i>For &gt;100, Deduct</i>	-41.72	
			<i>For 9' Door Height, Add</i>	75.17	
08 14 16 00-0625	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	524.60	74.36
			<i>For Stave Lumber Core (SLC), Add</i>	281.91	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	169.15	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	45.11	
			<i>For &gt;50 To 100, Deduct</i>	-29.95	
			<i>For &gt;100, Deduct</i>	-43.06	
			<i>For 9' Door Height, Add</i>	78.93	
08 14 16 00-0626	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	560.37	74.36
			<i>For Stave Lumber Core (SLC), Add</i>	308.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	185.24	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.40	
			<i>For &gt;50 To 100, Deduct</i>	-31.74	
			<i>For &gt;100, Deduct</i>	-45.75	
			<i>For 9' Door Height, Add</i>	86.45	
08 14 16 00-0627			<b>Manufacturer Prefinished Options For Flush Wood Doors</b> (08 14 16)		
08 14 16 00-0628	EA		Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	75.68	
			Note: Includes (2) coats any standard manufacturer color on six sides.		
			<i>For Custom Color To Match Non-Standard Manufacturer Finish, Add</i>	25.20	
08 14 16 00-0629	EA		Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	113.52	
			Note: Includes (3) coats any standard manufacturer color on six sides.		
			<i>For Custom Color To Match Non-Standard Manufacturer Finish, Add</i>	25.20	
08 14 16 00-0630			<b>Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors</b> (08 14 16)		
08 14 16 00-0631	EA		2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,300.34	52.35
08 14 16 00-0632	EA		2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,300.34	163.36
08 14 16 00-0633	EA		2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door.....	2,300.34	52.35
08 14 23			<b>Clad Wood Doors</b> (08 14)		
08 14 23 13			<b>Metal-Faced Wood Doors</b> (08 14 23)		
			See CSI section 08 70 00 00-0000 for finish hardware.		
08 14 23 13-0001			<b>24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core</b> (08 14 23 13)		
08 14 23 13-0002	EA		2'-6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	664.40	146.35
08 14 23 13-0003	EA		2'-8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	711.85	160.62
08 14 23 13-0004	EA		2'-10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	766.85	177.28
08 14 23 13-0005	EA		3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	800.34	183.22
08 14 23 13-0006	EA		3'-4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door.....	858.78	201.66
08 14 23 13-0007	EA		3'-8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door.....	926.02	208.21
08 14 23 16			<b>Plastic-Laminate-Faced Wood Doors</b> (08 14 23)		
08 14 23 16-0001			<b>1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors</b> (08 14 23 16)		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0002	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	300.59	65.43
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	76.37	
			<i>For 5 Ply Construction, Add</i>	5.94	
			<i>For &gt;50 To 100, Deduct</i>	-18.30	
			<i>For &gt;100, Deduct</i>	-25.82	
08 14 23 16-0003	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	300.59	65.43
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	76.37	
			<i>For 5 Ply Construction, Add</i>	5.94	
			<i>For &gt;50 To 100, Deduct</i>	-18.30	
			<i>For &gt;100, Deduct</i>	-25.82	
08 14 23 16-0004	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	315.86	68.41
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	80.57	
			<i>For 5 Ply Construction, Add</i>	6.27	
			<i>For &gt;50 To 100, Deduct</i>	-19.21	
			<i>For &gt;100, Deduct</i>	-27.11	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0005	EA			2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 325.20		68.41
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 84.77		
				<i>For 5 Ply Construction, Add</i> ..... 6.59		
				<i>For &gt;50 To 100, Deduct</i> ..... -19.68		
				<i>For &gt;100, Deduct</i> ..... -27.81		
08 14 23 16-0006	EA			2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 329.91		68.41
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 86.89		
				<i>For 5 Ply Construction, Add</i> ..... 6.76		
				<i>For &gt;50 To 100, Deduct</i> ..... -19.92		
				<i>For &gt;100, Deduct</i> ..... -28.16		
08 14 23 16-0007	EA			3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 340.54		71.38
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 89.00		
				<i>For 5 Ply Construction, Add</i> ..... 6.92		
				<i>For &gt;50 To 100, Deduct</i> ..... -20.60		
				<i>For &gt;100, Deduct</i> ..... -29.11		
08 14 23 16-0008	EA			3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 362.29		71.38
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 98.78		
				<i>For 5 Ply Construction, Add</i> ..... 7.68		
				<i>For &gt;50 To 100, Deduct</i> ..... -21.68		
				<i>For &gt;100, Deduct</i> ..... -30.74		
08 14 23 16-0009	EA			3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 382.29		74.36
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 105.11		
				<i>For 5 Ply Construction, Add</i> ..... 8.17		
				<i>For &gt;50 To 100, Deduct</i> ..... -22.83		
				<i>For &gt;100, Deduct</i> ..... -32.39		
08 14 23 16-0010	EA			2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 310.47		65.43
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 80.82		
				<i>For 5 Ply Construction, Add</i> ..... 6.29		
				<i>For &gt;50 To 100, Deduct</i> ..... -18.80		
				<i>For &gt;100, Deduct</i> ..... -26.56		
08 14 23 16-0011	EA			2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 310.46		65.43
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 80.81		
				<i>For 5 Ply Construction, Add</i> ..... 6.29		
				<i>For &gt;50 To 100, Deduct</i> ..... -18.80		
				<i>For &gt;100, Deduct</i> ..... -26.56		
08 14 23 16-0012	EA			2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 326.29		68.41
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 85.26		
				<i>For 5 Ply Construction, Add</i> ..... 6.63		
				<i>For &gt;50 To 100, Deduct</i> ..... -19.74		
				<i>For &gt;100, Deduct</i> ..... -27.89		
08 14 23 16-0013	EA			2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 336.16		68.41
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 89.70		
				<i>For 5 Ply Construction, Add</i> ..... 6.98		
				<i>For &gt;50 To 100, Deduct</i> ..... -20.23		
				<i>For &gt;100, Deduct</i> ..... -28.63		
08 14 23 16-0014	EA			2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 341.14		68.41
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 91.94		
				<i>For 5 Ply Construction, Add</i> ..... 7.15		
				<i>For &gt;50 To 100, Deduct</i> ..... -20.48		
				<i>For &gt;100, Deduct</i> ..... -29.01		
08 14 23 16-0015	EA			3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 352.05		71.38
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 94.18		
				<i>For 5 Ply Construction, Add</i> ..... 7.32		
				<i>For &gt;50 To 100, Deduct</i> ..... -21.17		
				<i>For &gt;100, Deduct</i> ..... -29.97		
08 14 23 16-0016	EA			3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 375.06		71.38
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 104.53		
				<i>For 5 Ply Construction, Add</i> ..... 8.13		
				<i>For &gt;50 To 100, Deduct</i> ..... -22.32		
				<i>For &gt;100, Deduct</i> ..... -31.70		
08 14 23 16-0017	EA			3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 395.88		74.36
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 111.22		
				<i>For 5 Ply Construction, Add</i> ..... 8.65		
				<i>For &gt;50 To 100, Deduct</i> ..... -23.51		
				<i>For &gt;100, Deduct</i> ..... -33.41		
08 14 23 16-0018	EA			2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door ..... 345.48		65.43
				<i>For Structural Composite Lumber Core (SCLC), Add</i> ..... 96.57		
				<i>For 5 Ply Construction, Add</i> ..... 7.51		
				<i>For &gt;50 To 100, Deduct</i> ..... -20.55		
				<i>For &gt;100, Deduct</i> ..... -29.18		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 14</b>	<b>Wood Doors</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		345.48	65.43
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		96.57	
		<i>For 5 Ply Construction, Add</i>		7.51	
		<i>For &gt;50 To 100, Deduct</i>		-20.55	
		<i>For &gt;100, Deduct</i>		-29.18	
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		363.24	68.41
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		101.89	
		<i>For 5 Ply Construction, Add</i>		7.92	
		<i>For &gt;50 To 100, Deduct</i>		-21.58	
		<i>For &gt;100, Deduct</i>		-30.66	
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		375.04	68.41
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		107.20	
		<i>For 5 Ply Construction, Add</i>		8.34	
		<i>For &gt;50 To 100, Deduct</i>		-22.17	
		<i>For &gt;100, Deduct</i>		-31.55	
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		380.99	68.41
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		109.88	
		<i>For 5 Ply Construction, Add</i>		8.55	
		<i>For &gt;50 To 100, Deduct</i>		-22.47	
		<i>For &gt;100, Deduct</i>		-31.99	
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		392.87	71.38
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		112.55	
		<i>For 5 Ply Construction, Add</i>		8.75	
		<i>For &gt;50 To 100, Deduct</i>		-23.21	
		<i>For &gt;100, Deduct</i>		-33.03	
08 14 23 16-0024	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		420.36	71.38
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		124.92	
		<i>For 5 Ply Construction, Add</i>		9.72	
		<i>For &gt;50 To 100, Deduct</i>		-24.59	
		<i>For &gt;100, Deduct</i>		-35.10	
08 14 23 16-0025	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		444.07	74.36
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		132.91	
		<i>For 5 Ply Construction, Add</i>		10.34	
		<i>For &gt;50 To 100, Deduct</i>		-25.92	
		<i>For &gt;100, Deduct</i>		-37.02	
08 14 23 16-0026		<b>1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors</b> <small>(08 14 23 16)</small>			
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.			
08 14 23 16-0027	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		420.02	65.43
		<i>For 5 Ply Construction, Add</i>		10.12	
		<i>For Stave Lumber Core (SLC), Add</i>		216.86	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		130.11	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		34.70	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		156.14	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		216.86	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		346.97	
		<i>For &gt;50 To 100, Deduct</i>		-24.27	
		<i>For &gt;100, Deduct</i>		-34.77	
08 14 23 16-0028	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		420.00	65.43
		<i>For 5 Ply Construction, Add</i>		10.12	
		<i>For Stave Lumber Core (SLC), Add</i>		216.84	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		130.10	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		34.69	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		156.12	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		216.84	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		346.94	
		<i>For &gt;50 To 100, Deduct</i>		-24.27	
		<i>For &gt;100, Deduct</i>		-34.77	
08 14 23 16-0029	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		434.99	68.41
		<i>For 5 Ply Construction, Add</i>		10.44	
		<i>For Stave Lumber Core (SLC), Add</i>		223.63	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>		134.18	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		35.78	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		161.01	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		223.63	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		357.80	
		<i>For &gt;50 To 100, Deduct</i>		-25.17	
		<i>For &gt;100, Deduct</i>		-36.04	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 16-0030 EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	434.99	68.41
For 5 Ply Construction, Add	10.44	
For Stave Lumber Core (SLC), Add	223.63	
For Structural Composite Lumber Core (SCLC), Add	134.18	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.78	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	161.01	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	223.63	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	357.80	
For >50 To 100, Deduct	-25.17	
For >100, Deduct	-36.04	
08 14 23 16-0031 EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	452.90	68.41
For 5 Ply Construction, Add	11.06	
For Stave Lumber Core (SLC), Add	237.06	
For Structural Composite Lumber Core (SCLC), Add	142.24	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.93	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	170.68	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	237.06	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	379.30	
For >50 To 100, Deduct	-26.07	
For >100, Deduct	-37.39	
08 14 23 16-0032 EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	476.75	71.38
For 5 Ply Construction, Add	11.69	
For Stave Lumber Core (SLC), Add	250.49	
For Structural Composite Lumber Core (SCLC), Add	150.29	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.08	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	180.35	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	250.49	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	400.78	
For >50 To 100, Deduct	-27.41	
For >100, Deduct	-39.33	
08 14 23 16-0033 EA 3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	495.05	71.38
For 5 Ply Construction, Add	12.33	
For Stave Lumber Core (SLC), Add	264.21	
For Structural Composite Lumber Core (SCLC), Add	158.53	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.27	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.23	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.21	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	422.74	
For >50 To 100, Deduct	-28.32	
For >100, Deduct	-40.70	
08 14 23 16-0034 EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	510.15	74.36
For 5 Ply Construction, Add	12.65	
For Stave Lumber Core (SLC), Add	271.07	
For Structural Composite Lumber Core (SCLC), Add	162.64	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.37	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	195.17	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	271.07	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	433.72	
For >50 To 100, Deduct	-29.23	
For >100, Deduct	-41.98	
08 14 23 16-0035 EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	528.21	74.36
For 5 Ply Construction, Add	13.28	
For Stave Lumber Core (SLC), Add	284.62	
For Structural Composite Lumber Core (SCLC), Add	170.77	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.54	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	204.92	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	284.62	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	455.39	
For >50 To 100, Deduct	-30.13	
For >100, Deduct	-43.33	
08 14 23 16-0036 EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced		
Wood Door .....	576.25	80.31
For 5 Ply Construction, Add	14.55	
For Stave Lumber Core (SLC), Add	311.72	
For Structural Composite Lumber Core (SCLC), Add	187.03	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.88	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	224.44	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	311.72	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	498.76	
For >50 To 100, Deduct	-32.83	
For >100, Deduct	-47.23	



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	436.84	65.43
		<i>For 5 Ply Construction, Add</i>	10.71	
		<i>For Stave Lumber Core (SLC), Add</i>	229.47	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	137.68	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.72	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	165.22	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	229.47	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	367.15	
		<i>For &gt;50 To 100, Deduct</i>	-25.11	
		<i>For &gt;100, Deduct</i>	-36.04	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	436.83	65.43
		<i>For 5 Ply Construction, Add</i>	10.71	
		<i>For Stave Lumber Core (SLC), Add</i>	229.46	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	137.68	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.71	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	165.21	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	229.46	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	367.14	
		<i>For &gt;50 To 100, Deduct</i>	-25.11	
		<i>For &gt;100, Deduct</i>	-36.03	
08 14 23 16-0039	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	452.34	68.41
		<i>For 5 Ply Construction, Add</i>	11.04	
		<i>For Stave Lumber Core (SLC), Add</i>	236.64	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.98	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.86	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	170.38	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.64	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	378.62	
		<i>For &gt;50 To 100, Deduct</i>	-26.04	
		<i>For &gt;100, Deduct</i>	-37.35	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	452.34	68.41
		<i>For 5 Ply Construction, Add</i>	11.04	
		<i>For Stave Lumber Core (SLC), Add</i>	236.64	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	141.98	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.86	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	170.38	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.64	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	378.62	
		<i>For &gt;50 To 100, Deduct</i>	-26.04	
		<i>For &gt;100, Deduct</i>	-37.35	
08 14 23 16-0041	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	471.29	68.41
		<i>For 5 Ply Construction, Add</i>	11.71	
		<i>For Stave Lumber Core (SLC), Add</i>	250.85	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	150.51	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	40.14	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	180.61	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	250.85	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	401.36	
		<i>For &gt;50 To 100, Deduct</i>	-26.99	
		<i>For &gt;100, Deduct</i>	-38.77	
08 14 23 16-0042	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	496.20	71.38
		<i>For 5 Ply Construction, Add</i>	12.37	
		<i>For Stave Lumber Core (SLC), Add</i>	265.07	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	159.04	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	190.85	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	265.07	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	424.12	
		<i>For &gt;50 To 100, Deduct</i>	-28.38	
		<i>For &gt;100, Deduct</i>	-40.78	
08 14 23 16-0043	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	515.55	71.38
		<i>For 5 Ply Construction, Add</i>	13.05	
		<i>For Stave Lumber Core (SLC), Add</i>	279.59	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	167.75	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.73	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	201.30	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	279.59	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	447.34	
		<i>For &gt;50 To 100, Deduct</i>	-29.35	
		<i>For &gt;100, Deduct</i>	-42.24	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 16-0044 EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	531.17	74.36
For 5 Ply Construction, Add	13.39	
For Stave Lumber Core (SLC), Add	286.84	
For Structural Composite Lumber Core (SCLC), Add	172.10	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.89	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	206.52	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	286.84	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	458.94	
For >50 To 100, Deduct	-30.28	
For >100, Deduct	-43.56	
08 14 23 16-0045 EA 3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	550.29	74.36
For 5 Ply Construction, Add	14.05	
For Stave Lumber Core (SLC), Add	301.18	
For Structural Composite Lumber Core (SCLC), Add	180.71	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.19	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	216.85	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	301.18	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	481.88	
For >50 To 100, Deduct	-31.23	
For >100, Deduct	-44.99	
08 14 23 16-0046 EA 4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	600.44	80.31
For 5 Ply Construction, Add	15.39	
For Stave Lumber Core (SLC), Add	329.87	
For Structural Composite Lumber Core (SCLC), Add	197.92	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.78	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	237.50	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	329.87	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	527.78	
For >50 To 100, Deduct	-34.04	
For >100, Deduct	-49.05	
08 14 23 16-0047 EA 2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	496.51	65.43
For 5 Ply Construction, Add	12.80	
For Stave Lumber Core (SLC), Add	274.22	
For Structural Composite Lumber Core (SCLC), Add	164.53	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.88	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.44	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.22	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	438.76	
For >50 To 100, Deduct	-28.10	
For >100, Deduct	-40.51	
08 14 23 16-0048 EA 2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	496.50	65.43
For 5 Ply Construction, Add	12.80	
For Stave Lumber Core (SLC), Add	274.22	
For Structural Composite Lumber Core (SCLC), Add	164.53	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.87	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.43	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.22	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	438.74	
For >50 To 100, Deduct	-28.10	
For >100, Deduct	-40.51	
08 14 23 16-0049 EA 2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	513.87	68.41
For 5 Ply Construction, Add	13.20	
For Stave Lumber Core (SLC), Add	282.79	
For Structural Composite Lumber Core (SCLC), Add	169.67	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.25	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	203.61	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	282.79	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	452.46	
For >50 To 100, Deduct	-29.11	
For >100, Deduct	-41.96	
08 14 23 16-0050 EA 2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	513.87	68.41
For 5 Ply Construction, Add	13.20	
For Stave Lumber Core (SLC), Add	282.79	
For Structural Composite Lumber Core (SCLC), Add	169.67	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.25	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	203.61	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	282.79	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	452.46	
For >50 To 100, Deduct	-29.11	
For >100, Deduct	-41.96	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 14 23 16-0051	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	536.51	68.41
		<i>For 5 Ply Construction, Add</i>	13.99	
		<i>For Stave Lumber Core (SLC), Add</i>	299.77	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	179.86	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.96	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	215.83	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	299.77	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	479.63	
		<i>For &gt;50 To 100, Deduct</i>	-30.25	
		<i>For &gt;100, Deduct</i>	-43.66	
08 14 23 16-0052	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	565.11	71.38
		<i>For 5 Ply Construction, Add</i>	14.78	
		<i>For Stave Lumber Core (SLC), Add</i>	316.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	190.05	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	50.68	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	228.06	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	316.76	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	506.81	
		<i>For &gt;50 To 100, Deduct</i>	-31.82	
		<i>For &gt;100, Deduct</i>	-45.95	
08 14 23 16-0053	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	588.24	71.38
		<i>For 5 Ply Construction, Add</i>	15.59	
		<i>For Stave Lumber Core (SLC), Add</i>	334.10	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	200.46	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.46	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	240.55	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	334.10	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	534.56	
		<i>For &gt;50 To 100, Deduct</i>	-32.98	
		<i>For &gt;100, Deduct</i>	-47.69	
08 14 23 16-0054	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	605.75	74.36
		<i>For 5 Ply Construction, Add</i>	16.00	
		<i>For Stave Lumber Core (SLC), Add</i>	342.77	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	205.66	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	54.84	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	246.80	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	342.77	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	548.44	
		<i>For &gt;50 To 100, Deduct</i>	-34.01	
		<i>For &gt;100, Deduct</i>	-49.15	
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	628.59	74.36
		<i>For 5 Ply Construction, Add</i>	16.80	
		<i>For Stave Lumber Core (SLC), Add</i>	359.90	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	215.94	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	57.58	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	259.13	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	359.90	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	575.84	
		<i>For &gt;50 To 100, Deduct</i>	-35.15	
		<i>For &gt;100, Deduct</i>	-50.86	
08 14 23 16-0056	EA	4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	686.20	80.31
		<i>For 5 Ply Construction, Add</i>	18.40	
		<i>For Stave Lumber Core (SLC), Add</i>	394.19	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	236.51	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.07	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	283.81	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	394.19	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	630.70	
		<i>For &gt;50 To 100, Deduct</i>	-38.33	
		<i>For &gt;100, Deduct</i>	-55.48	

**08 14 23 19 Molded-Hardboard-Faced Wood Doors** (08 14 23)**08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF)**

		<b>Faced Wood Doors</b> (08 14 23 19)		
08 14 23 19-0002	EA	2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.42	65.43
		<i>For &gt;50 To 100, Deduct</i>	-14.49	
		<i>For &gt;100, Deduct</i>	-20.10	
08 14 23 19-0003	EA	2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	224.42	65.43
		<i>For &gt;50 To 100, Deduct</i>	-14.49	
		<i>For &gt;100, Deduct</i>	-20.10	
08 14 23 19-0004	EA	2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	237.19	68.41
		<i>For &gt;50 To 100, Deduct</i>	-15.28	
		<i>For &gt;100, Deduct</i>	-21.21	
08 14 23 19-0005	EA	2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door	240.44	68.41
		<i>For &gt;50 To 100, Deduct</i>	-15.44	
		<i>For &gt;100, Deduct</i>	-21.45	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0006	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	243.66	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.60	
			<i>For &gt;100, Deduct</i>	-21.70	
08 14 23 19-0007	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	252.86	71.38
			<i>For &gt;50 To 100, Deduct</i>	-16.21	
			<i>For &gt;100, Deduct</i>	-22.53	
08 14 23 19-0008	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	264.94	71.38
			<i>For &gt;50 To 100, Deduct</i>	-16.82	
			<i>For &gt;100, Deduct</i>	-23.44	
08 14 23 19-0009	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.72	74.36
			<i>For &gt;50 To 100, Deduct</i>	-17.65	
			<i>For &gt;100, Deduct</i>	-24.62	
08 14 23 19-0010	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	229.86	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.77	
			<i>For &gt;100, Deduct</i>	-20.51	
08 14 23 19-0011	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	229.86	65.43
			<i>For &gt;50 To 100, Deduct</i>	-14.77	
			<i>For &gt;100, Deduct</i>	-20.51	
08 14 23 19-0012	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	243.03	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.57	
			<i>For &gt;100, Deduct</i>	-21.65	
08 14 23 19-0013	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.45	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.74	
			<i>For &gt;100, Deduct</i>	-21.90	
08 14 23 19-0014	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	249.88	68.41
			<i>For &gt;50 To 100, Deduct</i>	-15.91	
			<i>For &gt;100, Deduct</i>	-22.16	
08 14 23 19-0015	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	259.25	71.38
			<i>For &gt;50 To 100, Deduct</i>	-16.53	
			<i>For &gt;100, Deduct</i>	-23.01	
08 14 23 19-0016	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	272.04	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.17	
			<i>For &gt;100, Deduct</i>	-23.97	
08 14 23 19-0017	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	286.28	74.36
			<i>For &gt;50 To 100, Deduct</i>	-18.03	
			<i>For &gt;100, Deduct</i>	-25.19	
08 14 23 19-0018	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	249.18	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.73	
			<i>For &gt;100, Deduct</i>	-21.96	
08 14 23 19-0019	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	249.18	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.73	
			<i>For &gt;100, Deduct</i>	-21.96	
08 14 23 19-0020	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	263.75	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.61	
			<i>For &gt;100, Deduct</i>	-23.20	
08 14 23 19-0021	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	267.83	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.81	
			<i>For &gt;100, Deduct</i>	-23.51	
08 14 23 19-0022	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	271.94	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.02	
			<i>For &gt;100, Deduct</i>	-23.82	
08 14 23 19-0023	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	281.97	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.67	
			<i>For &gt;100, Deduct</i>	-24.72	
08 14 23 19-0024	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	297.25	71.38
			<i>For &gt;50 To 100, Deduct</i>	-18.43	
			<i>For &gt;100, Deduct</i>	-25.86	
08 14 23 19-0025	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	313.10	74.36
			<i>For &gt;50 To 100, Deduct</i>	-19.37	
			<i>For &gt;100, Deduct</i>	-27.20	
<b>08 14 23 19-0026</b>			<b>1-3/4" Thick, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors</b> <small>(08 14 23 19)</small>		
08 14 23 19-0027	EA		2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	247.44	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.64	
			<i>For &gt;100, Deduct</i>	-21.83	
08 14 23 19-0028	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	247.44	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.64	
			<i>For &gt;100, Deduct</i>	-21.83	
08 14 23 19-0029	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	256.60	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.25	
			<i>For &gt;100, Deduct</i>	-22.67	
08 14 23 19-0030	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	263.10	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.58	
			<i>For &gt;100, Deduct</i>	-23.15	
08 14 23 19-0031	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	266.35	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.74	
			<i>For &gt;100, Deduct</i>	-23.40	
08 14 23 19-0032	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	275.49	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.34	
			<i>For &gt;100, Deduct</i>	-24.23	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0033	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	282.90	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.71	
			<i>For &gt;100, Deduct</i>	-24.79	
08 14 23 19-0034	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	312.92	74.36
			<i>For &gt;50 To 100, Deduct</i>	-19.36	
			<i>For &gt;100, Deduct</i>	-27.19	
08 14 23 19-0035	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	321.13	74.36
			<i>For &gt;50 To 100, Deduct</i>	-19.77	
			<i>For &gt;100, Deduct</i>	-27.80	
08 14 23 19-0036	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	337.57	74.36
			<i>For &gt;50 To 100, Deduct</i>	-20.60	
			<i>For &gt;100, Deduct</i>	-29.04	
08 14 23 19-0037	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	254.21	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.98	
			<i>For &gt;100, Deduct</i>	-22.34	
08 14 23 19-0038	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	254.21	65.43
			<i>For &gt;50 To 100, Deduct</i>	-15.98	
			<i>For &gt;100, Deduct</i>	-22.34	
08 14 23 19-0039	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	263.58	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.60	
			<i>For &gt;100, Deduct</i>	-23.19	
08 14 23 19-0040	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	270.45	68.41
			<i>For &gt;50 To 100, Deduct</i>	-16.94	
			<i>For &gt;100, Deduct</i>	-23.70	
08 14 23 19-0041	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	273.87	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.11	
			<i>For &gt;100, Deduct</i>	-23.96	
08 14 23 19-0042	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	283.22	71.38
			<i>For &gt;50 To 100, Deduct</i>	-17.73	
			<i>For &gt;100, Deduct</i>	-24.81	
08 14 23 19-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	291.05	71.38
			<i>For &gt;50 To 100, Deduct</i>	-18.12	
			<i>For &gt;100, Deduct</i>	-25.40	
08 14 23 19-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	322.49	74.36
			<i>For &gt;50 To 100, Deduct</i>	-19.84	
			<i>For &gt;100, Deduct</i>	-27.90	
08 14 23 19-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	331.17	74.36
			<i>For &gt;50 To 100, Deduct</i>	-20.28	
			<i>For &gt;100, Deduct</i>	-28.56	
08 14 23 19-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	348.55	74.36
			<i>For &gt;50 To 100, Deduct</i>	-21.15	
			<i>For &gt;100, Deduct</i>	-29.86	
08 14 23 19-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.26	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.19	
			<i>For &gt;100, Deduct</i>	-24.14	
08 14 23 19-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	278.26	65.43
			<i>For &gt;50 To 100, Deduct</i>	-17.19	
			<i>For &gt;100, Deduct</i>	-24.14	
08 14 23 19-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	288.30	68.41
			<i>For &gt;50 To 100, Deduct</i>	-17.84	
			<i>For &gt;100, Deduct</i>	-25.04	
08 14 23 19-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	296.51	68.41
			<i>For &gt;50 To 100, Deduct</i>	-18.25	
			<i>For &gt;100, Deduct</i>	-25.66	
08 14 23 19-0051	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	300.59	68.41
			<i>For &gt;50 To 100, Deduct</i>	-18.45	
			<i>For &gt;100, Deduct</i>	-25.96	
08 14 23 19-0052	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	310.62	71.38
			<i>For &gt;50 To 100, Deduct</i>	-19.10	
			<i>For &gt;100, Deduct</i>	-26.87	
08 14 23 19-0053	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	319.96	71.38
			<i>For &gt;50 To 100, Deduct</i>	-19.57	
			<i>For &gt;100, Deduct</i>	-27.57	
08 14 23 19-0054	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	356.38	74.36
			<i>For &gt;50 To 100, Deduct</i>	-21.54	
			<i>For &gt;100, Deduct</i>	-30.45	
08 14 23 19-0055	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	366.75	74.36
			<i>For &gt;50 To 100, Deduct</i>	-22.06	
			<i>For &gt;100, Deduct</i>	-31.22	
08 14 23 19-0056	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	387.53	74.36
			<i>For &gt;50 To 100, Deduct</i>	-23.09	
			<i>For &gt;100, Deduct</i>	-32.78	

**08 14 23 19-0057 1-3/8" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors** (08 14 23 19)

Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.

08 14 23 19-0058	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	266.25	65.43
			<i>For &gt;50 To 100, Deduct</i>	-16.58	
			<i>For &gt;100, Deduct</i>	-23.24	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 19-0059 EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	266.25 -16.58 -23.24	65.43
08 14 23 19-0060 EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	280.06 -17.42 -24.43	68.41
08 14 23 19-0061 EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	287.90 -17.82 -25.01	68.41
08 14 23 19-0062 EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	289.34 -17.89 -25.12	68.41
08 14 23 19-0063 EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	296.75 -18.41 -25.83	71.38
08 14 23 19-0064 EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	313.74 -19.26 -27.10	71.38
08 14 23 19-0065 EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	350.66 -21.25 -30.02	74.36
08 14 23 19-0066 EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	274.15 -16.98 -23.83	65.43
08 14 23 19-0067 EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	274.15 -16.98 -23.83	65.43
08 14 23 19-0068 EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	288.40 -17.84 -25.05	68.41
08 14 23 19-0069 EA 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	296.68 -18.25 -25.67	68.41
08 14 23 19-0070 EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	298.22 -18.33 -25.79	68.41
08 14 23 19-0071 EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	305.72 -18.86 -26.50	71.38
08 14 23 19-0072 EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	323.70 -19.75 -27.85	71.38
08 14 23 19-0073 EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	362.42 -21.84 -30.90	74.36
08 14 23 19-0074 EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	302.08 -18.38 -25.93	65.43
08 14 23 19-0075 EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	302.08 -18.38 -25.93	65.43
08 14 23 19-0076 EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	317.95 -19.32 -27.27	68.41
08 14 23 19-0077 EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	327.86 -19.81 -28.01	68.41
08 14 23 19-0078 EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	329.69 -19.91 -28.15	68.41
08 14 23 19-0079 EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door ..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	337.49 -20.44 -28.88	71.38



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 14</b>	<b>Wood Doors</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	358.98	71.38
		<i>For &gt;50 To 100, Deduct</i>	-21.52	
		<i>For &gt;100, Deduct</i>	-30.49	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	404.10	74.36
		<i>For &gt;50 To 100, Deduct</i>	-23.92	
		<i>For &gt;100, Deduct</i>	-34.03	
<b>08 14 23 19-0082</b>		<b>1-3/4" Thick, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Doors</b> <small>(08 14 23 19)</small>		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	300.99	65.43
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	20.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	91.86	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	127.58	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	204.13	
		<i>For &gt;50 To 100, Deduct</i>	-18.32	
		<i>For &gt;100, Deduct</i>	-25.85	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	300.99	65.43
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	20.41	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	91.86	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	127.58	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	204.13	
		<i>For &gt;50 To 100, Deduct</i>	-18.32	
		<i>For &gt;100, Deduct</i>	-25.85	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	316.78	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	21.60	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	97.18	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	134.97	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	215.95	
		<i>For &gt;50 To 100, Deduct</i>	-19.26	
		<i>For &gt;100, Deduct</i>	-27.18	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	326.61	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.77	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	102.49	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.34	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	227.75	
		<i>For &gt;50 To 100, Deduct</i>	-19.75	
		<i>For &gt;100, Deduct</i>	-27.92	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	328.43	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.99	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	103.47	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	143.71	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	229.93	
		<i>For &gt;50 To 100, Deduct</i>	-19.84	
		<i>For &gt;100, Deduct</i>	-28.05	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	336.24	71.38
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.22	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	104.47	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	145.10	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	232.16	
		<i>For &gt;50 To 100, Deduct</i>	-20.38	
		<i>For &gt;100, Deduct</i>	-28.79	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	357.57	71.38
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.78	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	115.99	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	161.10	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	257.76	
		<i>For &gt;50 To 100, Deduct</i>	-21.45	
		<i>For &gt;100, Deduct</i>	-30.39	
08 14 23 19-0090	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	402.46	74.36
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	30.45	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	137.02	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	190.31	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	304.49	
		<i>For &gt;50 To 100, Deduct</i>	-23.84	
		<i>For &gt;100, Deduct</i>	-33.90	
08 14 23 19-0091	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	415.16	74.36
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.97	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	143.88	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.83	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	319.73	
		<i>For &gt;50 To 100, Deduct</i>	-24.48	
		<i>For &gt;100, Deduct</i>	-34.86	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0092	EA			4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	440.51	74.36
08 14 23 19-0093	EA			2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	310.89	65.43
08 14 23 19-0094	EA			2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	310.89	65.43
08 14 23 19-0095	EA			2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	327.26	68.41
08 14 23 19-0096	EA			2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	337.66	68.41
08 14 23 19-0097	EA			2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	339.59	68.41
08 14 23 19-0098	EA			3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	347.50	71.38
08 14 23 19-0099	EA			3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	370.06	71.38
08 14 23 19-0100	EA			3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	417.22	74.36
08 14 23 19-0101	EA			3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	430.65	74.36

## 08 Openings

## 08 10 Doors and Frames

## 08 14 Wood Doors



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 23 19-0102	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		457.49	74.36
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		37.05	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		166.74	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		231.58	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		370.52	
		<i>For &gt;50 To 100, Deduct</i>		-26.59	
		<i>For &gt;100, Deduct</i>		-38.03	
08 14 23 19-0103	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		345.99	65.43
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		25.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		116.16	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		161.33	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		258.13	
		<i>For &gt;50 To 100, Deduct</i>		-20.57	
		<i>For &gt;100, Deduct</i>		-29.22	
08 14 23 19-0104	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		345.99	65.43
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		25.81	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		116.16	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		161.33	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		258.13	
		<i>For &gt;50 To 100, Deduct</i>		-20.57	
		<i>For &gt;100, Deduct</i>		-29.22	
08 14 23 19-0105	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		364.39	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		27.31	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		122.89	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		170.68	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		273.08	
		<i>For &gt;50 To 100, Deduct</i>		-21.64	
		<i>For &gt;100, Deduct</i>		-30.75	
08 14 23 19-0106	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		376.83	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		28.80	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		129.61	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		180.01	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		288.01	
		<i>For &gt;50 To 100, Deduct</i>		-22.26	
		<i>For &gt;100, Deduct</i>		-31.68	
08 14 23 19-0107	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		379.13	68.41
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		29.08	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		130.85	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		181.73	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		290.77	
		<i>For &gt;50 To 100, Deduct</i>		-22.38	
		<i>For &gt;100, Deduct</i>		-31.86	
08 14 23 19-0108	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		387.44	71.38
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		29.36	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		132.12	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		183.50	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		293.60	
		<i>For &gt;50 To 100, Deduct</i>		-22.94	
		<i>For &gt;100, Deduct</i>		-32.63	
08 14 23 19-0109	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		414.38	71.38
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		32.59	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		146.67	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		203.71	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		325.93	
		<i>For &gt;50 To 100, Deduct</i>		-24.29	
		<i>For &gt;100, Deduct</i>		-34.65	
08 14 23 19-0110	EA	3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		469.57	74.36
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		38.50	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		173.26	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		240.64	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		385.02	
		<i>For &gt;50 To 100, Deduct</i>		-27.20	
		<i>For &gt;100, Deduct</i>		-38.94	
08 14 23 19-0111	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....		485.64	74.36
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>		40.43	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>		181.94	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>		252.69	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>		404.30	
		<i>For &gt;50 To 100, Deduct</i>		-28.00	
		<i>For &gt;100, Deduct</i>		-40.14	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Doors and Frames</b>	<b>08 10</b>	
<b>Wood Doors</b>	<b>08 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0112 EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High-Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	517.71	74.36
<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.28	
<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.25	
<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	276.74	
<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	442.79	
<i>For &gt;50 To 100, Deduct</i>	-29.60	
<i>For &gt;100, Deduct</i>	-42.55	
<b>08 14 66 Wood Screen Doors (08 14)</b>		
08 14 66 00-0001 Wood Screen Storm Door, Residential Grade (08 14 66)		
Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002 EA 2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	496.16	171.33
08 14 66 00-0003 EA 3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	522.60	190.36
08 14 66 00-0004 EA 2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	496.16	171.33
08 14 66 00-0005 EA 3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	522.60	190.36
<b>08 14 73 Sliding Wood Doors (08 14)</b>		
08 14 73 00-0001 Sliding Pocket Door (08 14 73)		
Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002 Birch Faced Pocket Door (08 14 73 00-0001)		
Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002)		
See CSI section 08 14 73 00-0055 for all jamba and track hardware.		
08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005 EA 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	498.74	41.64
<i>For Oak, Add</i>	114.67	
<i>For Ash/Hickory, Add</i>	167.02	
<i>For Walnut, Add</i>	243.47	
<i>For Cherry, Add</i>	395.94	
08 14 73 00-0006 EA 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	514.76	44.62
<i>For Oak, Add</i>	117.45	
<i>For Ash/Hickory, Add</i>	171.07	
<i>For Walnut, Add</i>	249.37	
<i>For Cherry, Add</i>	405.54	
08 14 73 00-0007 EA 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	533.28	47.59
<i>For Oak, Add</i>	120.92	
<i>For Ash/Hickory, Add</i>	176.13	
<i>For Walnut, Add</i>	256.74	
<i>For Cherry, Add</i>	417.54	
08 14 73 00-0008 EA 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	546.79	50.57
<i>For Oak, Add</i>	123.01	
<i>For Ash/Hickory, Add</i>	179.17	
<i>For Walnut, Add</i>	261.17	
<i>For Cherry, Add</i>	424.74	
08 14 73 00-0009 EA 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	565.35	53.54
<i>For Oak, Add</i>	126.49	
<i>For Ash/Hickory, Add</i>	184.23	
<i>For Walnut, Add</i>	268.55	
<i>For Cherry, Add</i>	436.74	
08 14 73 00-0010 EA 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	581.36	56.52
<i>For Oak, Add</i>	129.26	
<i>For Ash/Hickory, Add</i>	188.28	
<i>For Walnut, Add</i>	274.45	
<i>For Cherry, Add</i>	446.34	
08 14 73 00-0011 EA 6' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	979.66	74.36
<i>For Oak, Add</i>	229.34	
<i>For Ash/Hickory, Add</i>	334.04	
<i>For Walnut, Add</i>	486.93	
<i>For Cherry, Add</i>	791.89	
08 14 73 00-0012 EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,036.87	80.31
<i>For Oak, Add</i>	241.85	
<i>For Ash/Hickory, Add</i>	352.26	
<i>For Walnut, Add</i>	513.49	
<i>For Cherry, Add</i>	835.08	
08 14 73 00-0013 EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,109.23	86.26
<i>For Oak, Add</i>	258.53	
<i>For Ash/Hickory, Add</i>	376.55	
<i>For Walnut, Add</i>	548.91	
<i>For Cherry, Add</i>	892.68	
08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0015 EA 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	586.87	41.64
<i>For Oak, Add</i>	117.84	
<i>For Ash/Hickory, Add</i>	177.84	
<i>For Walnut, Add</i>	261.89	
<i>For Cherry, Add</i>	364.10	

**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0016	EA		2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	615.48	44.62
			<i>For Oak, Add</i>	123.14	
			<i>For Ash/Hickory, Add</i>	123.14	
			<i>For Walnut, Add</i>	202.61	
			<i>For Cherry, Add</i>	380.49	
08 14 73 00-0017	EA		2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	636.52	47.59
			<i>For Oak, Add</i>	126.68	
			<i>For Ash/Hickory, Add</i>	126.68	
			<i>For Walnut, Add</i>	208.43	
			<i>For Cherry, Add</i>	391.41	
08 14 73 00-0018	EA		2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	655.06	50.57
			<i>For Oak, Add</i>	129.63	
			<i>For Ash/Hickory, Add</i>	129.63	
			<i>For Walnut, Add</i>	213.27	
			<i>For Cherry, Add</i>	400.51	
08 14 73 00-0019	EA		2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	671.10	53.54
			<i>For Oak, Add</i>	131.98	
			<i>For Ash/Hickory, Add</i>	131.98	
			<i>For Walnut, Add</i>	217.15	
			<i>For Cherry, Add</i>	407.79	
08 14 73 00-0020	EA		3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	692.15	56.52
			<i>For Oak, Add</i>	135.52	
			<i>For Ash/Hickory, Add</i>	135.52	
			<i>For Walnut, Add</i>	222.97	
			<i>For Cherry, Add</i>	418.72	
08 14 73 00-0021	EA		4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,155.92	74.36
			<i>For Oak, Add</i>	235.68	
			<i>For Ash/Hickory, Add</i>	235.68	
			<i>For Walnut, Add</i>	387.77	
			<i>For Cherry, Add</i>	728.21	
08 14 73 00-0022	EA		5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,243.35	80.31
			<i>For Oak, Add</i>	253.36	
			<i>For Ash/Hickory, Add</i>	253.36	
			<i>For Walnut, Add</i>	416.85	
			<i>For Cherry, Add</i>	782.82	
08 14 73 00-0023	EA		6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,330.81	86.26
			<i>For Oak, Add</i>	271.04	
			<i>For Ash/Hickory, Add</i>	271.04	
			<i>For Walnut, Add</i>	445.94	
			<i>For Cherry, Add</i>	837.44	
08 14 73 00-0024			1-3/4" Thick, Birch Faced Wood Pocket Door <small>(08 14 73 00-0002)</small>		
			See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0025			6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0026	EA		2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	737.95	41.64
			<i>For Oak, Add</i>	153.20	
			<i>For Ash/Hickory, Add</i>	153.20	
			<i>For Walnut, Add</i>	252.05	
			<i>For Cherry, Add</i>	473.33	
08 14 73 00-0027	EA		2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	774.12	44.62
			<i>For Oak, Add</i>	160.27	
			<i>For Ash/Hickory, Add</i>	160.27	
			<i>For Walnut, Add</i>	263.69	
			<i>For Cherry, Add</i>	495.18	
08 14 73 00-0028	EA		2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	795.15	47.59
			<i>For Oak, Add</i>	163.80	
			<i>For Ash/Hickory, Add</i>	163.80	
			<i>For Walnut, Add</i>	269.50	
			<i>For Cherry, Add</i>	506.10	
08 14 73 00-0029	EA		2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	818.73	50.57
			<i>For Oak, Add</i>	167.93	
			<i>For Ash/Hickory, Add</i>	167.93	
			<i>For Walnut, Add</i>	276.29	
			<i>For Cherry, Add</i>	518.85	
08 14 73 00-0030	EA		2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	839.81	53.54
			<i>For Oak, Add</i>	171.46	
			<i>For Ash/Hickory, Add</i>	171.46	
			<i>For Walnut, Add</i>	282.10	
			<i>For Cherry, Add</i>	529.77	
08 14 73 00-0031	EA		3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	860.86	56.52
			<i>For Oak, Add</i>	175.00	
			<i>For Ash/Hickory, Add</i>	175.00	
			<i>For Walnut, Add</i>	287.92	
			<i>For Cherry, Add</i>	540.70	
08 14 73 00-0032	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,458.08	74.36
			<i>For Oak, Add</i>	306.39	
			<i>For Ash/Hickory, Add</i>	306.39	
			<i>For Walnut, Add</i>	504.10	
			<i>For Cherry, Add</i>	946.67	
08 14 73 00-0033	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,560.62	80.31
			<i>For Oak, Add</i>	327.60	
			<i>For Ash/Hickory, Add</i>	327.60	
			<i>For Walnut, Add</i>	539.00	
			<i>For Cherry, Add</i>	1,012.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0034 EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,668.22	86.26
<i>For Oak, Add</i>	349.99	
<i>For Ash/Hickory, Add</i>	349.99	
<i>For Walnut, Add</i>	575.84	
<i>For Cherry, Add</i>	1,081.38	
<b>08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door</b> <small>(08 14 73 00-0024)</small>		
08 14 73 00-0036 EA 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	788.31	41.64
<i>For Oak, Add</i>	164.98	
<i>For Ash/Hickory, Add</i>	164.98	
<i>For Walnut, Add</i>	271.44	
<i>For Cherry, Add</i>	509.74	
08 14 73 00-0037 EA 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	829.51	44.62
<i>For Oak, Add</i>	173.23	
<i>For Ash/Hickory, Add</i>	173.23	
<i>For Walnut, Add</i>	285.01	
<i>For Cherry, Add</i>	535.23	
08 14 73 00-0038 EA 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	853.07	47.59
<i>For Oak, Add</i>	177.35	
<i>For Ash/Hickory, Add</i>	177.35	
<i>For Walnut, Add</i>	291.80	
<i>For Cherry, Add</i>	547.98	
08 14 73 00-0039 EA 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	876.64	50.57
<i>For Oak, Add</i>	181.48	
<i>For Ash/Hickory, Add</i>	181.48	
<i>For Walnut, Add</i>	298.58	
<i>For Cherry, Add</i>	560.72	
08 14 73 00-0040 EA 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	897.72	53.54
<i>For Oak, Add</i>	185.01	
<i>For Ash/Hickory, Add</i>	185.01	
<i>For Walnut, Add</i>	304.40	
<i>For Cherry, Add</i>	571.64	
08 14 73 00-0041 EA 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	921.29	56.52
<i>For Oak, Add</i>	189.14	
<i>For Ash/Hickory, Add</i>	189.14	
<i>For Walnut, Add</i>	311.19	
<i>For Cherry, Add</i>	584.39	
08 14 73 00-0042 EA 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,558.80	74.36
<i>For Oak, Add</i>	329.96	
<i>For Ash/Hickory, Add</i>	329.96	
<i>For Walnut, Add</i>	542.88	
<i>For Cherry, Add</i>	1,019.49	
08 14 73 00-0043 EA 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,676.45	80.31
<i>For Oak, Add</i>	354.71	
<i>For Ash/Hickory, Add</i>	354.71	
<i>For Walnut, Add</i>	583.60	
<i>For Cherry, Add</i>	1,095.95	
08 14 73 00-0044 EA 6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	1,789.09	86.26
<i>For Oak, Add</i>	378.28	
<i>For Ash/Hickory, Add</i>	378.28	
<i>For Walnut, Add</i>	622.38	
<i>For Cherry, Add</i>	1,168.77	
<b>08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door</b> <small>(08 14 73 00-0024)</small>		
08 14 73 00-0046 EA 2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced .....	838.67	41.64
<i>For Oak, Add</i>	176.76	
<i>For Ash/Hickory, Add</i>	176.76	
<i>For Walnut, Add</i>	290.83	
<i>For Cherry, Add</i>	546.15	
08 14 73 00-0047 EA 2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	879.87	44.62
<i>For Oak, Add</i>	185.01	
<i>For Ash/Hickory, Add</i>	185.01	
<i>For Walnut, Add</i>	304.40	
<i>For Cherry, Add</i>	571.64	
08 14 73 00-0048 EA 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	905.95	47.59
<i>For Oak, Add</i>	189.73	
<i>For Ash/Hickory, Add</i>	189.73	
<i>For Walnut, Add</i>	312.16	
<i>For Cherry, Add</i>	586.21	
08 14 73 00-0049 EA 2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	932.04	50.57
<i>For Oak, Add</i>	194.44	
<i>For Ash/Hickory, Add</i>	194.44	
<i>For Walnut, Add</i>	319.91	
<i>For Cherry, Add</i>	600.77	
08 14 73 00-0050 EA 2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	953.12	53.54
<i>For Oak, Add</i>	197.98	
<i>For Ash/Hickory, Add</i>	197.98	
<i>For Walnut, Add</i>	325.73	
<i>For Cherry, Add</i>	611.69	
08 14 73 00-0051 EA 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door .....	979.20	56.52
<i>For Oak, Add</i>	202.69	
<i>For Ash/Hickory, Add</i>	202.69	
<i>For Walnut, Add</i>	333.48	
<i>For Cherry, Add</i>	626.26	



**08 Openings****08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0052	EA		4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,659.52	74.36
			<i>For Oak, Add</i>	353.53	
			<i>For Ash/Hickory, Add</i>	353.53	
			<i>For Walnut, Add</i>	581.66	
			<i>For Cherry, Add</i>	1,092.31	
08 14 73 00-0053	EA		5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,782.20	80.31
			<i>For Oak, Add</i>	379.45	
			<i>For Ash/Hickory, Add</i>	379.45	
			<i>For Walnut, Add</i>	624.31	
			<i>For Cherry, Add</i>	1,172.41	
08 14 73 00-0054	EA		6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,904.91	86.26
			<i>For Oak, Add</i>	405.38	
			<i>For Ash/Hickory, Add</i>	405.38	
			<i>For Walnut, Add</i>	666.97	
			<i>For Cherry, Add</i>	1,252.51	
<b>08 14 73 00-0055</b>			<b>Accessories</b> (08 14 73 00-0001)		
<b>08 14 73 00-0056</b>			<b>Jamb Replacement</b> (08 14 73 00-0055)		
08 14 73 00-0057	EA		4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors.....	135.32	
			<i>For Oak, Add</i>	8.57	
			<i>For Ash/Hickory, Add</i>	13.42	
			<i>For Walnut, Add</i>	29.35	
			<i>For Cherry, Add</i>	46.49	
08 14 73 00-0058	EA		5-1/4" Birch Jamb Replacement For Pocket Doors.....	137.77	
			<i>For Oak, Add</i>	8.85	
			<i>For Ash/Hickory, Add</i>	13.86	
			<i>For Walnut, Add</i>	30.30	
			<i>For Cherry, Add</i>	47.99	
08 14 73 00-0059	EA		6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors.....	153.67	
			<i>For Oak, Add</i>	10.64	
			<i>For Ash/Hickory, Add</i>	16.67	
			<i>For Walnut, Add</i>	36.45	
			<i>For Cherry, Add</i>	57.74	
<b>08 14 73 00-0060</b>			<b>Track And Hardware Replacement Kits</b> (08 14 73 00-0055)		
			Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0061	EA		Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	296.37	
08 14 73 00-0062	EA		2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	298.96	
08 14 73 00-0063	EA		3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	304.14	
08 14 73 00-0064	EA		Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door.....	353.33	
08 14 73 00-0065	EA		2'-8" x 7' Door Track And Hardware Replacement For Pocket Door.....	355.92	
08 14 73 00-0066	EA		3'-0" x 7' Door Track And Hardware Replacement For Pocket Door.....	361.10	
08 14 73 00-0067	EA		Up To 2'-6" x 8' Door Track And Hardware.....	379.22	
08 14 73 00-0068	EA		2'-8" x 8' Door Track And Hardware Replacement For Pocket Door.....	381.81	
08 14 73 00-0069	EA		3'-0" x 8' Door Track And Hardware Replacement For Pocket Door.....	386.99	
08 14 73 00-0070	EA		Double Door Converging Kit For Pocket Door.....	43.74	
<b>08 14 73 00-0071</b>			<b>Bi-Pass Doors</b> (08 14 73)		
			Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, and pulls. 125 LB maximum door weight (each opening).		
<b>08 14 73 00-0072</b>			<b>Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)		
08 14 73 00-0073	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	461.86	95.15
08 14 73 00-0074	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	507.70	101.09
08 14 73 00-0075	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	554.11	107.04
08 14 73 00-0076	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	763.76	112.99
<b>08 14 73 00-0077</b>			<b>Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)		
08 14 73 00-0078	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	430.40	95.15
08 14 73 00-0079	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	458.65	101.09
08 14 73 00-0080	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	500.13	107.04
08 14 73 00-0081	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	700.84	112.99
<b>08 14 73 00-0082</b>			<b>Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors</b> (08 14 73 00-0071)		
08 14 73 00-0083	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	462.75	95.15
08 14 73 00-0084	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	505.51	101.09
08 14 73 00-0085	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	550.48	107.04
08 14 73 00-0086	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	765.53	112.99
<b>08 14 76</b>			<b>Bifolding Wood Doors</b> (08 14)		



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

08 14 76 00-0001	<b>Bi-Fold Wood Doors</b> <small>(08 14 76)</small> Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes doorframe and knobs.		
08 14 76 00-0002	<b>Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0003	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	219.72	71.35
08 14 76 00-0004	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	231.61	77.31
08 14 76 00-0005	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	248.64	83.26
08 14 76 00-0006	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	260.53	89.20
08 14 76 00-0007	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	338.07	95.15
08 14 76 00-0008	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	349.96	101.09
08 14 76 00-0009	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors .....	372.75	107.04
08 14 76 00-0010	<b>Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0011	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	232.28	71.35
08 14 76 00-0012	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	248.29	77.31
08 14 76 00-0013	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	268.09	83.26
08 14 76 00-0014	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	279.98	89.20
08 14 76 00-0015	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	364.97	95.15
08 14 76 00-0016	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	391.89	101.09
08 14 76 00-0017	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors .....	420.41	107.04
08 14 76 00-0018	<b>Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0019	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	232.86	71.35
08 14 76 00-0020	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	256.34	77.31
08 14 76 00-0021	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	275.52	83.26
08 14 76 00-0022	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	287.41	89.20
08 14 76 00-0023	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	371.46	95.15
08 14 76 00-0024	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	385.96	101.09
08 14 76 00-0025	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	420.41	107.04
08 14 76 00-0026	<b>Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0027	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	606.31	71.35
08 14 76 00-0028	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	693.10	77.31
08 14 76 00-0029	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	792.04	83.26
08 14 76 00-0030	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	803.93	89.20
08 14 76 00-0031	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	1,117.47	95.15
08 14 76 00-0032	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	1,279.16	101.09
08 14 76 00-0033	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors .....	1,465.16	107.04
08 14 76 00-0034	<b>Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0035	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	778.38	71.35
08 14 76 00-0036	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	844.93	77.31
08 14 76 00-0037	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	923.63	83.26
08 14 76 00-0038	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	935.52	89.20
08 14 76 00-0039	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	1,461.62	95.15
08 14 76 00-0040	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	1,582.82	101.09
08 14 76 00-0041	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors .....	1,728.33	107.04
08 14 76 00-0042	<b>Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors</b> <small>(08 14 76 00-0001)</small>		
08 14 76 00-0043	EA 2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	224.14	71.35
08 14 76 00-0044	EA 2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	241.19	77.31
08 14 76 00-0045	EA 2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	264.02	83.26
08 14 76 00-0046	EA 3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	266.70	89.20
08 14 76 00-0047	EA 4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	330.79	95.15
08 14 76 00-0048	EA 5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	357.13	101.09
08 14 76 00-0049	EA 6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High-Density Fiberboard (HDF) Faced Wood Bi-Fold Doors .....	400.26	107.04

**08 15 Plastic Doors** (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

**08 16 Composite Doors** (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

**08 16 13 Fiberglass Doors** (08 16)

See CSI section 08 70 00 00-0000 for finish hardware.

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 16</b>	<b>Composite Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

08 16 13 00-0001	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors <small>(08 16 13)</small>		
08 16 13 00-0002	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0001)</small>		
08 16 13 00-0003	Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0002)</small> Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.		
08 16 13 00-0004	Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0005	6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>		
08 16 13 00-0006	EA 3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,231.46 168.10 374.17	71.38
08 16 13 00-0007	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,449.55 168.10 374.17	74.36
08 16 13 00-0008	EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,781.47 168.10 374.17	80.31
08 16 13 00-0009	7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>		
08 16 13 00-0010	EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,231.46 168.10 374.17	71.38
08 16 13 00-0011	EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,535.85 168.10 374.17	74.36
08 16 13 00-0012	EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,873.16 168.10 374.17	80.31
08 16 13 00-0013	Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0014	45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0015	6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>		
08 16 13 00-0016	EA 3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,835.53 168.10 374.17	71.38
08 16 13 00-0017	EA 3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,915.19 168.10 374.17	74.36
08 16 13 00-0018	EA 4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,464.65 168.10 374.17	80.31
08 16 13 00-0019	7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>		
08 16 13 00-0020	EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,835.53 168.10 374.17	71.38
08 16 13 00-0021	EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,195.66 168.10 374.17	74.36
08 16 13 00-0022	EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,568.92 168.10 374.17	80.31



<b>Openings</b>	<b>08</b>	<b>08</b>
Doors and Frames	08 10	
Composite Doors	08 16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0023 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0024 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0025 EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,835.53	71.38
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0026 EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,915.19	74.36
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0027 EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,464.65	80.31
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0028 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0029 EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,835.53	71.38
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0030 EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,195.66	74.36
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0031 EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,568.92	80.31
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0032 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0033 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0034 EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,835.53	71.38
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0035 EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,915.19	74.36
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0036 EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,464.65	80.31
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0037 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0038 EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,835.53	71.38
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0039 EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,195.66	74.36
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0040 EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,568.92	80.31
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	
08 16 13 00-0041 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0041)</small>		
08 16 13 00-0043 EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,416.64	71.38
For Custom Color Finish, Add	168.10	
For Stainless Steel Continuous Hinge, Add	374.17	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 16</b>	<b>Composite Doors</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0044		<b>7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf)</b> <small>(08 16 13 00-0041)</small>		
08 16 13 00-0045	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,416.64	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0046		<b>Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf)</b> <small>(08 16 13 00-0002)</small>		
08 16 13 00-0047	SI	1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf) .....	0.46	
08 16 13 00-0048	SI	1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf) .....	0.47	
08 16 13 00-0049	SI	1/4" Wire, Factory Installed Vision Glass (Chem-Pruf) .....	0.62	
08 16 13 00-0050	SI	1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf) .....	0.59	
08 16 13 00-0051	SI	Factory Installed Molded Louver (Chem-Pruf) .....	1.18	
08 16 13 00-0052	SI	Factory Installed Molded Louver With Insect Screen (Chem-Pruf) .....	1.32	
08 16 13 00-0053	LF	Weather Strip (Chem-Pruf) .....	12.58	
08 16 13 00-0054	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	16.18	
08 16 13 00-0055	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf) .....	34.16	
08 16 13 00-0056	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf) .....	37.75	
08 16 13 00-0057	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	73.71	
08 16 13 00-0058		<b>Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0001)</small>		
08 16 13 00-0059		<b>Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0058)</small>		
		Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060		<b>Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0059)</small>		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061		<b>6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0060)</small>		
08 16 13 00-0062	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,470.22	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0063	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....	2,504.45	74.36
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0064	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,625.12	80.31
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0065		<b>7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0060)</small>		
08 16 13 00-0066	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,470.22	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0067	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,613.22	74.36
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0068	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....	2,625.12	80.31
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0069		<b>Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0059)</small>		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070		<b>45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0069)</small>		
08 16 13 00-0071		<b>6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0070)</small>		
08 16 13 00-0072	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....	4,101.76	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0073	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) .....	4,186.02	74.36
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	





		<b>Openings</b>	<b>08</b>
		Doors and Frames	08 10
		Composite Doors	08 16

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0074	EA		4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,385.00 168.10 374.17	80.31
08 16 13 00-0075			<b>7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0070)</small>		
08 16 13 00-0076	EA		3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,101.76 168.10 374.17	71.38
08 16 13 00-0077	EA		3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,216.48 168.10 374.17	74.36
08 16 13 00-0078	EA		4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,478.55 168.10 374.17	80.31
08 16 13 00-0079			<b>60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0069)</small>		
08 16 13 00-0080			<b>6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0079)</small>		
08 16 13 00-0081	EA		3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,101.76 168.10 374.17	71.38
08 16 13 00-0082	EA		3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,186.02 168.10 374.17	74.36
08 16 13 00-0083	EA		4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,385.00 168.10 374.17	80.31
08 16 13 00-0084			<b>7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0079)</small>		
08 16 13 00-0085	EA		3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,101.76 168.10 374.17	71.38
08 16 13 00-0086	EA		3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,216.48 168.10 374.17	74.36
08 16 13 00-0087	EA		4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,478.55 168.10 374.17	80.31
08 16 13 00-0088			<b>90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0069)</small>		
08 16 13 00-0089			<b>6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0088)</small>		
08 16 13 00-0090	EA		3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,101.76 168.10 374.17	71.38
08 16 13 00-0091	EA		3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,186.02 168.10 374.17	74.36
08 16 13 00-0092	EA		4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,385.00 168.10 374.17	80.31
08 16 13 00-0093			<b>7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0088)</small>		
08 16 13 00-0094	EA		3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) ..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,101.76 168.10 374.17	71.38



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 10</b>	<b>Doors and Frames</b>
	<b>08 16</b>	<b>Composite Doors</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0095	EA	3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,216.48	74.36
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,478.55	80.31
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0097		<b>Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0059)</small>		
		Note: Includes fiberglass reinforced polyester (FRP) doorframe, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		<b>6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0097)</small>		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,796.53	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0100		<b>7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door)</b> <small>(08 16 13 00-0097)</small>		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,796.53	71.38
		<i>For Custom Color Finish, Add</i>	168.10	
		<i>For Stainless Steel Continuous Hinge, Add</i>	374.17	
08 16 13 00-0102		<b>Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door)</b> <small>(08 16 13 00-0058)</small>		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door).....	1.03	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door).....	1.06	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door).....	1.12	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door).....	1.60	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door).....	0.63	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door).....	1.01	
08 16 13 00-0109	LF	Weather Strip (Skule Door).....	8.70	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door).....	10.88	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door).....	34.81	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door).....	124.00	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door).....	47.86	
08 16 13 00-0114		<b>Galvanized Insulated Poly Core Composite Doors</b> <small>(08 16 13)</small>		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N).....	1,378.33	71.38
<b>08 17 Integrated Door Opening Assemblies</b> <small>(08 10)</small>				
<b>08 17 23 Integrated Metal Door Opening Assemblies</b> <small>(08 17)</small>				
08 17 23 00-0001		<b>Pre-Hung Interior Door Units</b> <small>(08 17 23)</small>		
		Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset. See CSI section 08 70 00 00-0000 for finish hardware.		
08 17 23 00-0002		<b>Hollow Core Doors, 1-3/8" Thick</b> <small>(08 17 23 00-0001)</small>		
08 17 23 00-0003		<b>Birch Faced</b> <small>(08 17 23 00-0002)</small>		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	383.90	74.36
		<i>For 8' Door Height, Add</i>	56.44	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	398.35	74.36
		<i>For 8' Door Height, Add</i>	59.91	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	418.77	77.34
		<i>For 8' Door Height, Add</i>	63.38	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	429.02	80.31
		<i>For 8' Door Height, Add</i>	64.41	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	455.23	80.31
		<i>For 8' Door Height, Add</i>	70.70	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	480.04	83.29
		<i>For 8' Door Height, Add</i>	75.23	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	714.26	121.95
		<i>For 8' Door Height, Add</i>	112.88	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	761.03	130.88
		<i>For 8' Door Height, Add</i>	119.83	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	816.39	139.79
		<i>For 8' Door Height, Add</i>	128.83	
08 17 23 00-0013		<b>Lauan Faced</b> <small>(08 17 23 00-0002)</small>		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	345.28	74.36
		<i>For 8' Door Height, Add</i>	47.17	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 17 23 00-0015 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	358.61 50.37	74.36
08 17 23 00-0016 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	375.80 53.07	77.34
08 17 23 00-0017 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	389.69 54.97	80.31
08 17 23 00-0018 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	411.59 60.23	80.31
08 17 23 00-0019 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	444.25 66.64	83.29
08 17 23 00-0020 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	637.03 94.35	121.95
08 17 23 00-0021 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	681.47 100.74	130.88
08 17 23 00-0022 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	737.79 109.96	139.79
<b>08 17 23 00-0023 Tempered Hardboard Faced</b> <small>(08 17 23 00-0002)</small>		
08 17 23 00-0024 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	308.96 38.46	74.36
08 17 23 00-0025 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	320.65 41.26	74.36
08 17 23 00-0026 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	332.15 42.60	77.34
08 17 23 00-0027 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	349.19 45.26	80.31
08 17 23 00-0028 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	369.92 50.23	80.31
08 17 23 00-0029 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	380.71 51.39	83.29
08 17 23 00-0030 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	552.08 73.96	121.95
08 17 23 00-0031 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	605.59 82.52	130.88
08 17 23 00-0032 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	656.72 90.51	139.79
<b>08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick</b> <small>(08 17 23 00-0001)</small>		
<b>08 17 23 00-0034 Birch Faced</b> <small>(08 17 23 00-0033)</small>		
08 17 23 00-0035 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	508.14 86.26	74.36
08 17 23 00-0036 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	527.04 90.80	74.36
08 17 23 00-0037 EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	551.85 95.32	77.34
08 17 23 00-0038 EA 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	580.82 100.85	80.31
08 17 23 00-0039 EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	626.96 111.92	80.31
08 17 23 00-0040 EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	673.67 121.70	83.29
08 17 23 00-0041 EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	962.75 172.52	121.95
08 17 23 00-0042 EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	1,018.39 181.60	130.88
08 17 23 00-0043 EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	1,119.98 201.70	139.79
<b>08 17 23 00-0044 Luan Faced</b> <small>(08 17 23 00-0033)</small>		
08 17 23 00-0045 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	623.63 113.98	74.36
08 17 23 00-0046 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	649.74 120.24	74.36
08 17 23 00-0047 EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	681.77 126.50	77.34
08 17 23 00-0048 EA 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	714.08 132.83	80.31
08 17 23 00-0049 EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	774.95 147.44	80.31
08 17 23 00-0050 EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	820.21 156.87	83.29
08 17 23 00-0051 EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	1,193.72 227.95	121.95
08 17 23 00-0052 EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	1,263.82 240.50	130.88
08 17 23 00-0053 EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door ..... <i>For 8' Door Height, Add</i>	1,386.49 265.66	139.79

**08 Openings****08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0054			<b>Tempered Hardboard Faced</b> (08 17 23 00-0033)		
08 17 23 00-0055	EA		2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	416.94	74.36
			<i>For 8' Door Height, Add</i>	64.37	
08 17 23 00-0056	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	432.46	74.36
			<i>For 8' Door Height, Add</i>	68.10	
08 17 23 00-0057	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	453.99	77.34
			<i>For 8' Door Height, Add</i>	71.84	
08 17 23 00-0058	EA		3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	465.70	80.31
			<i>For 8' Door Height, Add</i>	73.22	
08 17 23 00-0059	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	499.35	80.31
			<i>For 8' Door Height, Add</i>	81.30	
08 17 23 00-0060	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	526.99	83.29
			<i>For 8' Door Height, Add</i>	86.50	
08 17 23 00-0061	PR		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	780.33	121.95
			<i>For 8' Door Height, Add</i>	128.74	
08 17 23 00-0062	PR		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	829.22	130.88
			<i>For 8' Door Height, Add</i>	136.20	
08 17 23 00-0063	PR		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	889.74	139.79
			<i>For 8' Door Height, Add</i>	146.44	
08 17 23 00-0064			<b>Hollow Core Doors, 1-3/4" Thick</b> (08 17 23 00-0001)		
08 17 23 00-0065			<b>Birch Faced</b> (08 17 23 00-0064)		
08 17 23 00-0066	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	442.66	74.36
			<i>For 8' Door Height, Add</i>	70.55	
08 17 23 00-0067	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	453.76	74.36
			<i>For 8' Door Height, Add</i>	73.21	
08 17 23 00-0068	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	463.81	77.34
			<i>For 8' Door Height, Add</i>	74.19	
08 17 23 00-0069	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	487.84	80.31
			<i>For 8' Door Height, Add</i>	78.53	
08 17 23 00-0070	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	535.84	80.31
			<i>For 8' Door Height, Add</i>	90.05	
08 17 23 00-0071	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	597.87	83.29
			<i>For 8' Door Height, Add</i>	103.51	
08 17 23 00-0072	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	831.83	121.95
			<i>For 8' Door Height, Add</i>	141.10	
08 17 23 00-0073	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	871.81	130.88
			<i>For 8' Door Height, Add</i>	146.42	
08 17 23 00-0074	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	934.07	139.79
			<i>For 8' Door Height, Add</i>	157.07	
08 17 23 00-0075			<b>Lauan Faced</b> (08 17 23 00-0064)		
08 17 23 00-0076	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	398.41	74.36
			<i>For 8' Door Height, Add</i>	59.93	
08 17 23 00-0077	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	415.62	74.36
			<i>For 8' Door Height, Add</i>	64.06	
08 17 23 00-0078	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	435.53	77.34
			<i>For 8' Door Height, Add</i>	67.41	
08 17 23 00-0079	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	447.01	80.31
			<i>For 8' Door Height, Add</i>	68.73	
08 17 23 00-0080	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	478.50	80.31
			<i>For 8' Door Height, Add</i>	76.29	
08 17 23 00-0081	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	504.79	83.29
			<i>For 8' Door Height, Add</i>	81.17	
08 17 23 00-0082	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	743.31	121.95
			<i>For 8' Door Height, Add</i>	119.86	
08 17 23 00-0083	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	795.55	130.88
			<i>For 8' Door Height, Add</i>	128.11	
08 17 23 00-0084	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Lauan Faced Door.....	852.40	139.79
			<i>For 8' Door Height, Add</i>	137.47	
08 17 23 00-0085			<b>Tempered Hardboard Faced</b> (08 17 23 00-0064)		
08 17 23 00-0086	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	348.37	74.36
			<i>For 8' Door Height, Add</i>	47.92	
08 17 23 00-0087	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	353.93	74.36
			<i>For 8' Door Height, Add</i>	49.25	
08 17 23 00-0088	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	370.98	77.34
			<i>For 8' Door Height, Add</i>	51.91	
08 17 23 00-0089	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	388.02	80.31
			<i>For 8' Door Height, Add</i>	54.58	
08 17 23 00-0090	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	400.69	80.31
			<i>For 8' Door Height, Add</i>	57.62	
08 17 23 00-0091	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	412.19	83.29
			<i>For 8' Door Height, Add</i>	58.95	
08 17 23 00-0092	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	627.83	121.95
			<i>For 8' Door Height, Add</i>	92.15	
08 17 23 00-0093	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	672.16	130.88
			<i>For 8' Door Height, Add</i>	98.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0094 EA Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	734.42 109.15	139.79
<b>08 17 23 00-0095 Solid Core Doors, 1-3/4" Thick</b> (08 17 23 00-0001)		
<b>08 17 23 00-0096 Birch Faced</b> (08 17 23 00-0095)		
08 17 23 00-0097 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	563.18 99.47	74.36
08 17 23 00-0098 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	580.43 103.61	74.36
08 17 23 00-0099 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	592.16 105.00	77.34
08 17 23 00-0100 EA 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	615.36 109.14	80.31
08 17 23 00-0101 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	665.39 121.14	80.31
08 17 23 00-0102 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	721.84 133.27	83.29
08 17 23 00-0103 EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	1,072.82 198.94	121.95
08 17 23 00-0104 EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	1,125.17 207.22	130.88
08 17 23 00-0105 EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door ..... <i>For 8' Door Height, Add</i>	1,189.10 218.28	139.79
<b>08 17 23 00-0106 Lauan Faced</b> (08 17 23 00-0095)		
08 17 23 00-0107 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	795.15 155.14	74.36
08 17 23 00-0108 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	797.03 155.59	74.36
08 17 23 00-0109 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	821.60 160.06	77.34
08 17 23 00-0110 EA 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	841.04 163.30	80.31
08 17 23 00-0111 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	902.54 178.06	80.31
08 17 23 00-0112 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	955.95 189.45	83.29
08 17 23 00-0113 EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	1,536.81 310.30	121.95
08 17 23 00-0114 EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	1,558.37 311.19	130.88
08 17 23 00-0115 EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door ..... <i>For 8' Door Height, Add</i>	1,640.45 326.60	139.79
<b>08 17 23 00-0116 Tempered Hardboard Faced</b> (08 17 23 00-0095)		
08 17 23 00-0117 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	476.83 78.75	74.36
08 17 23 00-0118 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	482.57 80.12	74.36
08 17 23 00-0119 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	494.29 81.51	77.34
08 17 23 00-0120 EA 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	511.77 84.27	80.31
08 17 23 00-0121 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	537.53 90.46	80.31
08 17 23 00-0122 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	567.60 96.25	83.29
08 17 23 00-0123 EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	900.11 157.49	121.95
08 17 23 00-0124 EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	929.45 160.25	130.88
08 17 23 00-0125 EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door ..... <i>For 8' Door Height, Add</i>	981.88 168.54	139.79
<b>08 17 23 00-0126 Oak Or Maple Faced</b> (08 17 23 00-0095)		
08 17 23 00-0127 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	856.21 169.80	74.36
08 17 23 00-0128 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	860.53 170.83	74.36
08 17 23 00-0129 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	903.05 179.61	77.34
08 17 23 00-0130 EA 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	918.56 181.90	80.31
08 17 23 00-0131 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	1,000.72 201.62	80.31
08 17 23 00-0132 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door ..... <i>For 8' Door Height, Add</i>	1,104.01 224.99	83.29

**08 Openings****08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 17 23 00-0133	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,658.90	121.95
		<i>For 8' Door Height, Add</i>	339.60	
08 17 23 00-0134	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,685.40	130.88
		<i>For 8' Door Height, Add</i>	341.67	
08 17 23 00-0135	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door.....	1,795.47	139.79
		<i>For 8' Door Height, Add</i>	363.81	
<b>08 17 23 00-0136</b>		<b>Walnut Faced</b> <small>(08 17 23 00-0095)</small>		
08 17 23 00-0137	EA	2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,077.16	74.36
		<i>For 8' Door Height, Add</i>	222.83	
08 17 23 00-0138	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,115.77	74.36
		<i>For 8' Door Height, Add</i>	232.09	
08 17 23 00-0139	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,134.65	77.34
		<i>For 8' Door Height, Add</i>	235.20	
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,179.27	80.31
		<i>For 8' Door Height, Add</i>	244.48	
08 17 23 00-0141	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,291.33	80.31
		<i>For 8' Door Height, Add</i>	271.37	
08 17 23 00-0142	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	1,410.44	83.29
		<i>For 8' Door Height, Add</i>	298.53	
08 17 23 00-0143	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,100.80	121.95
		<i>For 8' Door Height, Add</i>	445.65	
08 17 23 00-0144	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,195.83	130.88
		<i>For 8' Door Height, Add</i>	464.18	
08 17 23 00-0145	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door.....	2,316.90	139.79
		<i>For 8' Door Height, Add</i>	488.95	

**08 18 Glass Doors** (08 10)**08 18 16 Sliding Glass Doors** (08 18)**08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors** (08 18 16)**08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors** (08 18 16 00-0001)**08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors** (08 18 16 00-0002)

08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	44.63	5.35
		<i>For Custom Quality, Add</i>	7.62	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	5.48	
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware.....	37.38	3.33
		<i>For Custom Quality, Add</i>	7.28	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	5.24	

**08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors** (08 18 16 00-0002)

08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	50.09	5.35
		<i>For Custom Quality, Add</i>	8.98	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	6.47	
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware.....	42.76	3.33
		<i>For Custom Quality, Add</i>	8.63	
		<i>For Tempered Glass, Add</i>	1.42	
		<i>For Anodized Or Colored Aluminum Frames, Add</i>	6.21	

**08 18 16 00-0009 Sliding Wood-Framed Glass Doors** (08 18 16)**08 18 16 00-0010 Residential Wood Sliding Doors With 5/8" Glass** (08 18 16 00-0009)

08 18 16 00-0011	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	1,990.24	160.62
08 18 16 00-0012	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,429.73	196.31
08 18 16 00-0013	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,807.42	226.06
08 18 16 00-0014	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,184.44	160.62
08 18 16 00-0015	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,680.55	196.31
08 18 16 00-0016	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	3,117.82	226.06

**08 30 Specialty Doors and Frames** (08)

Note: Includes caulk, sealant and mounting anchors.

**08 31 Access Doors and Panels** (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

**08 31 13 Access Doors and Frames** (08 31)**08 31 13 00-0001 Stainless Steel Access Doors** (08 31 13)**08 31 13 00-0002 Fire Rated Stainless Steel Access Doors** (08 31 13 00-0001)

08 31 13 00-0003	EA	24" x 18" Fire Rated Stainless Steel Access Door With Lock.....	719.93	67.36
		<i>For Ceiling Mounted, Add</i>	29.30	
		<i>For Masonry Installation, Add</i>	27.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0004 EA 24" x 24" Fire Rated Stainless Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	736.71 29.84 27.63	67.71
<b>08 31 13 00-0005 Stainless Steel Access Doors</b> (08 31 13 00-0001)		
08 31 13 00-0006 EA 24" x 18" Stainless Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	384.49 19.24 17.04	67.36
08 31 13 00-0007 EA 24" x 24" Stainless Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	439.57 20.93 18.71	67.71
<b>08 31 13 00-0008 Steel Access Doors</b> (08 31 13) Note: Includes paintable powder coated finish.		
<b>08 31 13 00-0009 Insulated Fire Rated Steel Access Doors</b> (08 31 13 00-0008)		
08 31 13 00-0010 EA 24" x 18" Fire Rated Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	449.38 21.22 19.01	67.71
08 31 13 00-0011 EA 24" x 24" Fire Rated Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	470.63 21.86 19.65	67.71
<b>08 31 13 00-0012 Steel Access Doors</b> (08 31 13 00-0008)		
08 31 13 00-0013 EA 24" x 18" Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	226.25 14.53 12.32	67.71
08 31 13 00-0014 EA 24" x 24" Steel Access Door With Lock ..... <i>For Ceiling Mounted, Add</i> <i>For Masonry Installation, Add</i>	232.11 14.70 12.49	67.71
<b>08 31 13 00-0015 Steel Recessed Access Doors For Drywall Application</b> (08 31 13) Note: Includes paintable powder coated finish.		
08 31 13 00-0016 EA 24" x 18" Recessed Steel Access Door With Cam Latch ..... <i>For Recessed Doors In Acoustical Tile, Add</i>	305.13 15.03	55.26
08 31 13 00-0017 EA 24" x 24" Recessed Steel Access Door With Cam Latch ..... <i>For Recessed Doors In Acoustical Tile, Add</i>	336.05 10.40	55.26
<b>08 31 13 00-0018 Steel Crawl Space Doors And Frames</b> (08 31 13) Note: Includes paintable powder coated finish.		
08 31 13 00-0019 EA 24" x 24" Steel Crawl Space Door With Cam Latch .....	249.17	73.64
08 31 13 00-0020 EA 30" x 24" Steel Crawl Space Door With Cam Latch .....	354.20	89.24
08 31 13 00-0021 EA 30" x 30" Steel Crawl Space Door With Cam Latch .....	397.83	96.91
<b>08 33 Coiling Doors and Grilles</b> (08 30)		
<b>08 33 13 Coiling Counter Doors</b> (08 33)		
<b>08 33 13 00-0001 Overhead Rolling Counter Doors</b> (08 33 13)		
<b>08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors</b> (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester topcoat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0003 EA 4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	6,192.53 783.40	533.61
08 33 13 00-0004 EA 6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	6,486.99 783.40	533.61
08 33 13 00-0005 EA 8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	6,995.92 790.13	566.96
08 33 13 00-0006 EA 10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,548.33 815.92	667.00
08 33 13 00-0007 EA 4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,517.59 783.40	533.61
08 33 13 00-0008 EA 6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,886.65 798.22	592.83
08 33 13 00-0009 EA 8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,093.16 804.15	616.58
08 33 13 00-0010 EA 10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,587.23 816.75	667.00
<b>08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors</b> (08 33 13 00-0001) Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0012 EA 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	6,928.67 783.40	533.61





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0013	EA		6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,738.43 783.40	533.61
08 33 13 00-0014	EA		8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,952.91 790.13	566.96
08 33 13 00-0015	EA		10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,683.14 815.92	667.00
08 33 13 00-0016	EA		4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,253.73 783.40	533.61
08 33 13 00-0017	EA		6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,549.17 798.22	592.83
08 33 13 00-0018	EA		8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,755.68 804.15	616.58
08 33 13 00-0019	EA		10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651)..... <i>For Motor Operator (With Safety Reverse), Add</i>	11,090.10 816.75	667.00
<b>08 33 13 00-0020</b>			<b>Aluminum Overhead Rolling Counter Doors</b> <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0021	EA		4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	6,781.45 783.40	533.61
08 33 13 00-0022	EA		6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,075.90 783.40	533.61
08 33 13 00-0023	EA		8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,879.29 790.13	566.96
08 33 13 00-0024	EA		10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,315.07 815.92	667.00
08 33 13 00-0025	EA		4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,106.50 783.40	533.61
08 33 13 00-0026	EA		6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,475.56 798.22	592.83
08 33 13 00-0027	EA		8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,718.87 804.15	616.58
08 33 13 00-0028	EA		10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	10,942.87 816.75	667.00
<b>08 33 13 00-0029</b>			<b>Galvanized Steel Overhead Rolling Counter Fire Doors</b> <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0030	EA		4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	7,959.27 783.40	533.61
08 33 13 00-0031	EA		6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,400.95 783.40	533.61
08 33 13 00-0032	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,057.12 790.13	566.96
08 33 13 00-0033	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,756.75 815.92	667.00
08 33 13 00-0034	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,842.64 783.40	533.61
08 33 13 00-0035	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,285.31 798.22	592.83
08 33 13 00-0036	EA		8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,639.05 804.15	616.58
08 33 13 00-0037	EA		10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,912.28 816.75	667.00
<b>08 33 13 00-0038</b>			<b>Stainless Steel Overhead Rolling Counter Fire Doors</b> <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA		4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	8,989.87 783.40	533.61
08 33 13 00-0040	EA		6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	10,167.69 783.40	533.61
08 33 13 00-0041	EA		8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	10,382.17 790.13	566.96
08 33 13 00-0042	EA		10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	12,701.31 815.92	667.00
08 33 13 00-0043	EA		4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	9,726.01 783.40	533.61
08 33 13 00-0044	EA		6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	10,095.07 798.22	592.83
08 33 13 00-0045	EA		8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ..... <i>For Motor Operator (With Safety Reverse), Add</i>	10,448.80 804.15	616.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0046 EA 10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) ... <i>For Motor Operator (With Safety Reverse), Add</i>	12,856.84 816.75	667.00
<b>08 33 13 00-0047 Integral Frame And Sill, Overhead Rolling Counter Doors</b> <small>(08 33 13)</small>		
<b>08 33 13 00-0048 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill</b> <small>(08 33 13 00-0047)</small>		
<small>Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.</small>		
08 33 13 00-0049 EA 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	12,817.79 783.40	533.61
08 33 13 00-0050 EA 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	13,112.25 783.40	533.61
08 33 13 00-0051 EA 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	20,993.68 790.13	566.96
08 33 13 00-0052 EA 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	14,026.36 815.92	667.00
08 33 13 00-0053 EA 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	13,259.48 783.40	533.61
08 33 13 00-0054 EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	13,702.15 798.22	592.83
08 33 13 00-0055 EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	14,055.89 804.15	616.58
08 33 13 00-0056 EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)..... <i>For Motor Operator (With Safety Reverse), Add</i>	15,654.17 816.75	667.00
<b>08 33 13 00-0057 Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill</b> <small>(08 33 13 00-0047)</small>		
<small>Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.</small>		
08 33 13 00-0058 EA 4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	11,345.51 783.40	533.61
08 33 13 00-0059 EA 6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	11,639.97 783.40	533.61
08 33 13 00-0060 EA 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	12,001.68 790.13	566.96
08 33 13 00-0061 EA 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	12,554.08 815.92	667.00
08 33 13 00-0062 EA 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	12,670.57 783.40	533.61
08 33 13 00-0063 EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	13,113.24 798.22	592.83
08 33 13 00-0064 EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	13,614.21 804.15	616.58
08 33 13 00-0065 EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)..... <i>For Motor Operator (With Safety Reverse), Add</i>	14,034.66 816.75	667.00
<b>08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill</b> <small>(08 33 13 00-0047)</small>		
<small>Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.</small>		
08 33 13 00-0067 EA 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)..... <i>For Motor Operator (With Safety Reverse), Add</i>	17,529.09 783.40	533.61
08 33 13 00-0068 EA 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)..... <i>For Motor Operator (With Safety Reverse), Add</i>	19,001.37 783.40	533.61
08 33 13 00-0069 EA 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)..... <i>For Motor Operator (With Safety Reverse), Add</i>	22,013.18 790.13	566.96

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 13 00-0070	EA	10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) .....	23,743.41		667.00
		<i>For Motor Operator (With Safety Reverse), Add</i>	815.92		
08 33 13 00-0071	EA	4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) .....	19,737.51		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0072	EA	6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) .....	21,358.01		592.83
		<i>For Motor Operator (With Safety Reverse), Add</i>	798.22		
08 33 13 00-0073	EA	8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) .....	23,625.71		616.58
		<i>For Motor Operator (With Safety Reverse), Add</i>	804.15		
08 33 13 00-0074	EA	10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657) .....	26,696.27		667.00
		<i>For Motor Operator (With Safety Reverse), Add</i>	816.75		
<b>08 33 13 00-0075</b>		<b>Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill</b> <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0076	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	14,878.99		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0077	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	15,173.44		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0078	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	15,829.60		566.96
		<i>For Motor Operator (With Safety Reverse), Add</i>	790.13		
08 33 13 00-0079	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	17,118.15		667.00
		<i>For Motor Operator (With Safety Reverse), Add</i>	815.92		
08 33 13 00-0080	EA	4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	15,762.35		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0081	EA	6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	16,793.94		592.83
		<i>For Motor Operator (With Safety Reverse), Add</i>	798.22		
08 33 13 00-0082	EA	8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	17,736.59		616.58
		<i>For Motor Operator (With Safety Reverse), Add</i>	804.15		
08 33 13 00-0083	EA	10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658).....	20,807.15		667.00
		<i>For Motor Operator (With Safety Reverse), Add</i>	816.75		
<b>08 33 13 00-0084</b>		<b>Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood</b> <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) .....	21,209.79		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) .....	21,945.93		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660) .....	24,957.74		566.96
		<i>For Motor Operator (With Safety Reverse), Add</i>	790.13		
<b>08 33 13 00-0088</b>		<b>Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood</b> <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) .....	16,056.81		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) .....	21,945.93		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>	783.40		
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661) .....	24,957.74		566.96
		<i>For Motor Operator (With Safety Reverse), Add</i>	790.13		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	-------	-----	-----	-------------	------------------------	----------------------

**08 33 13 00-0092 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood** (08 33 13 00-0047)

Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....		13,995.62		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>		783.40		
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....		15,762.35		533.61
		<i>For Motor Operator (With Safety Reverse), Add</i>		783.40		
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....		16,860.20		566.96
		<i>For Motor Operator (With Safety Reverse), Add</i>		790.13		
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662).....		18,590.43		667.00
		<i>For Motor Operator (With Safety Reverse), Add</i>		815.92		

**08 33 16 Coiling Counter Grilles** (08 33)

**08 33 16 00-0001 Galvanized Steel Overhead Coiling Counter Grilles (Width x Height)** (08 33 16)

08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		1,704.25		233.45
		<i>For Lexan Lattice Pattern, Add</i>		155.59		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		100.28		
		<i>For Staggered Brick Pattern, Add</i>		178.52		
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		1,836.90		233.45
		<i>For Lexan Lattice Pattern, Add</i>		175.49		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		137.99		
		<i>For Staggered Brick Pattern, Add</i>		242.18		
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		2,193.13		311.23
		<i>For Lexan Lattice Pattern, Add</i>		195.57		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		175.72		
		<i>For Staggered Brick Pattern, Add</i>		305.85		
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		2,512.37		311.23
		<i>For Lexan Lattice Pattern, Add</i>		243.45		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		251.15		
		<i>For Staggered Brick Pattern, Add</i>		433.18		
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		3,480.03		466.90
		<i>For Lexan Lattice Pattern, Add</i>		321.90		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		376.24		
		<i>For Staggered Brick Pattern, Add</i>		571.20		
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		3,962.97		533.61
		<i>For Lexan Lattice Pattern, Add</i>		361.13		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		376.24		
		<i>For Staggered Brick Pattern, Add</i>		571.20		
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		4,447.69		622.31
		<i>For Lexan Lattice Pattern, Add</i>		400.35		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		501.34		
		<i>For Staggered Brick Pattern, Add</i>		709.21		
08 33 16 00-0009	EA	24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		5,502.05		747.04
		<i>For Lexan Lattice Pattern, Add</i>		504.63		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		601.61		
		<i>For Staggered Brick Pattern, Add</i>		733.37		
08 33 16 00-0010	EA	30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		6,780.18		933.81
		<i>For Lexan Lattice Pattern, Add</i>		616.83		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		704.17		
		<i>For Staggered Brick Pattern, Add</i>		841.83		
08 33 16 00-0011	EA	4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		1,805.51		233.45
		<i>For Lexan Lattice Pattern, Add</i>		170.78		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		150.39		
		<i>For Staggered Brick Pattern, Add</i>		207.41		
08 33 16 00-0012	EA	6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		1,996.03		233.45
		<i>For Lexan Lattice Pattern, Add</i>		199.35		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		225.58		
		<i>For Staggered Brick Pattern, Add</i>		282.08		
08 33 16 00-0013	EA	8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		2,330.75		311.36
		<i>For Lexan Lattice Pattern, Add</i>		216.21		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		300.74		
		<i>For Staggered Brick Pattern, Add</i>		356.75		
08 33 16 00-0014	EA	12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		2,698.58		311.36
		<i>For Lexan Lattice Pattern, Add</i>		271.39		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		451.21		
		<i>For Staggered Brick Pattern, Add</i>		506.08		
08 33 16 00-0015	EA	16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		3,741.21		466.90
		<i>For Lexan Lattice Pattern, Add</i>		361.08		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		601.61		
		<i>For Staggered Brick Pattern, Add</i>		696.69		
08 33 16 00-0016	EA	18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift.....		4,261.63		533.61
		<i>For Lexan Lattice Pattern, Add</i>		405.93		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>		601.61		
		<i>For Staggered Brick Pattern, Add</i>		696.69		



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 16 00-0017	EA 20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	4,779.09 450.77 752.02 887.29	622.31
08 33 16 00-0018	EA 24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,937.66 569.97 902.41 1,022.87	747.04
08 33 16 00-0019	EA 30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	7,214.04 681.90 1,050.65 1,146.71	933.81
<b>08 33 23</b>	<b>Overhead Coiling Doors</b> (08 33)		
	Note: Excludes lifting equipment (forklift or scissor lift) where required.		
<b>08 33 23 11</b>	<b>Overhead Coiling Doors</b> (08 33 23)		
	Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.		
<b>08 33 23 11-0001</b>	<b>Galvanized Steel Overhead Coiling Doors (Width x Height)</b> (08 33 23 11)		
	Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
<b>08 33 23 11-0002</b>	<b>26 Gauge Galvanized Steel Overhead Coiling Doors</b> (08 33 23 11-0001)		
08 33 23 11-0003	EA 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,404.13	595.96
08 33 23 11-0004	EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,503.47	631.02
08 33 23 11-0005	EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,500.05	631.02
08 33 23 11-0006	EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,603.85	666.07
08 33 23 11-0007	EA 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,631.04	683.63
08 33 23 11-0008	EA 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,769.52	736.19
08 33 23 11-0009	EA 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,886.07	771.24
08 33 23 11-0010	EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,852.34	771.24
08 33 23 11-0011	EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,911.83	788.77
08 33 23 11-0012	EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,982.18	806.30
08 33 23 11-0013	EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,120.56	841.36
08 33 23 11-0014	EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,977.48	806.30
08 33 23 11-0015	EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,098.11	841.36
08 33 23 11-0016	EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,235.59	876.41
08 33 23 11-0017	EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,340.51	911.47
<b>08 33 23 11-0018</b>	<b>24 Gauge Galvanized Steel Overhead Coiling Doors</b> (08 33 23 11-0001)		
	Note: With curtain hood (barrel cover).		
08 33 23 11-0019	EA 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,385.94 1,430.79	886.92
08 33 23 11-0020	EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,482.04 1,477.63	907.09
08 33 23 11-0021	EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,766.35 1,615.32	967.55
08 33 23 11-0022	EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,016.97 1,752.89	1,007.88
08 33 23 11-0023	EA 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,622.16 1,557.56	927.24
08 33 23 11-0024	EA 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,910.48 1,673.02	1,007.88
08 33 23 11-0025	EA 10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,118.18 1,778.40	1,048.19
08 33 23 11-0026	EA 10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,381.96 1,925.84	1,088.50
08 33 23 11-0027	EA 12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,869.26 1,692.50	967.55
08 33 23 11-0028	EA 12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,097.11 1,813.00	1,007.88
08 33 23 11-0029	EA 12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,405.62 1,943.58	1,088.50
08 33 23 11-0030	EA 12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,743.25 2,152.99	1,123.55
08 33 23 11-0031	EA 14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,855.61 2,149.62	1,193.67
08 33 23 11-0032	EA 14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,302.29 2,396.99	1,263.78
08 33 23 11-0033	EA 14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,767.52 2,658.27	1,333.89
<b>08 33 23 11-0034</b>	<b>22 Gauge Galvanized Steel Overhead Coiling Doors</b> (08 33 23 11-0001)		
	Note: With curtain hood (barrel cover).		
08 33 23 11-0035	EA 4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,985.50 1,241.33	798.24
08 33 23 11-0036	EA 4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,213.16 1,356.60	842.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0037 EA 4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	3,375.00	877.64
For 3/4" Insulated Slats, Add .....	1,434.16	
08 33 23 11-0038 EA 6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	3,407.01	931.28
For 3/4" Insulated Slats, Add .....	1,391.12	
08 33 23 11-0039 EA 6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	3,738.82	1,019.98
For 3/4" Insulated Slats, Add .....	1,529.12	
08 33 23 11-0040 EA 6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	3,950.85	1,055.02
For 3/4" Insulated Slats, Add .....	1,644.31	
08 33 23 11-0041 EA 6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,457.73	1,090.08
For 3/4" Insulated Slats, Add .....	1,980.65	
08 33 23 11-0042 EA 6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,999.66	1,142.67
For 3/4" Insulated Slats, Add .....	2,321.37	
08 33 23 11-0043 EA 8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	3,703.54	997.79
For 3/4" Insulated Slats, Add .....	1,530.44	
08 33 23 11-0044 EA 8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,007.40	1,064.32
For 3/4" Insulated Slats, Add .....	1,675.16	
08 33 23 11-0045 EA 8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,251.55	1,108.66
For 3/4" Insulated Slats, Add .....	1,802.79	
08 33 23 11-0046 EA 8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,738.89	1,143.72
For 3/4" Insulated Slats, Add .....	2,124.48	
08 33 23 11-0047 EA 8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,261.27	1,196.31
For 3/4" Insulated Slats, Add .....	2,450.53	
08 33 23 11-0048 EA 10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,370.33	1,153.00
For 3/4" Insulated Slats, Add .....	1,836.49	
08 33 23 11-0049 EA 10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,689.24	1,197.36
For 3/4" Insulated Slats, Add .....	2,020.20	
08 33 23 11-0050 EA 10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,266.12	1,267.47
For 3/4" Insulated Slats, Add .....	2,365.22	
08 33 23 11-0051 EA 10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,913.11	1,372.64
For 3/4" Insulated Slats, Add .....	2,719.00	
08 33 23 11-0052 EA 10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	6,577.67	1,512.87
For 3/4" Insulated Slats, Add .....	3,042.13	
08 33 23 11-0053 EA 10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	7,312.32	1,688.15
For 3/4" Insulated Slats, Add .....	3,374.02	
08 33 23 11-0054 EA 10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,117.10	1,898.49
For 3/4" Insulated Slats, Add .....	3,714.68	
08 33 23 11-0055 EA 10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,990.35	2,143.88
For 3/4" Insulated Slats, Add .....	4,062.88	
08 33 23 11-0056 EA 12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	4,704.68	1,197.36
For 3/4" Insulated Slats, Add .....	2,031.78	
08 33 23 11-0057 EA 12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,020.52	1,235.92
For 3/4" Insulated Slats, Add .....	2,220.45	
08 33 23 11-0058 EA 12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,739.00	1,306.03
For 3/4" Insulated Slats, Add .....	2,671.67	
08 33 23 11-0059 EA 12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	6,527.57	1,411.20
For 3/4" Insulated Slats, Add .....	3,131.63	
08 33 23 11-0060 EA 12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	7,306.01	1,551.43
For 3/4" Insulated Slats, Add .....	3,540.19	
08 33 23 11-0061 EA 12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,154.57	1,726.71
For 3/4" Insulated Slats, Add .....	3,957.51	
08 33 23 11-0062 EA 12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	9,073.25	1,937.05
For 3/4" Insulated Slats, Add .....	4,383.59	
08 33 23 11-0063 EA 12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	10,132.14	2,217.50
For 3/4" Insulated Slats, Add .....	4,827.19	
<b>08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)</b>		
Note: With curtain hood (barrel cover)		
08 33 23 11-0065 EA 14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	5,740.34	1,394.21
For 3/4" Insulated Slats, Add .....	2,562.51	
08 33 23 11-0066 EA 14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	6,281.37	1,464.32
For 3/4" Insulated Slats, Add .....	2,880.65	
08 33 23 11-0067 EA 14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	6,929.02	1,534.44
For 3/4" Insulated Slats, Add .....	3,278.74	
08 33 23 11-0068 EA 14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	7,580.14	1,639.61
For 3/4" Insulated Slats, Add .....	3,635.62	
08 33 23 11-0069 EA 14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,337.77	1,779.83
For 3/4" Insulated Slats, Add .....	4,028.56	
08 33 23 11-0070 EA 14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	9,094.73	1,920.06
For 3/4" Insulated Slats, Add .....	4,421.00	
08 33 23 11-0071 EA 14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	10,641.92	2,095.33
For 3/4" Insulated Slats, Add .....	5,362.28	
08 33 23 11-0072 EA 14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	12,259.21	2,305.67
For 3/4" Insulated Slats, Add .....	6,312.33	
08 33 23 11-0073 EA 16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	6,898.41	1,603.34
For 3/4" Insulated Slats, Add .....	3,169.63	
08 33 23 11-0074 EA 16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	7,511.13	1,673.46
For 3/4" Insulated Slats, Add .....	3,541.54	
08 33 23 11-0075 EA 16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,059.00	1,743.56
For 3/4" Insulated Slats, Add .....	3,864.79	
08 33 23 11-0076 EA 16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	8,695.75	1,848.73
For 3/4" Insulated Slats, Add .....	4,210.89	
08 33 23 11-0077 EA 16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift .....	9,456.65	1,988.96
For 3/4" Insulated Slats, Add .....	4,606.29	



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 11-0078	EA 16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,319.68 5,078.28	2,129.18
08 33 23 11-0079	EA 16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,617.59 5,832.61	2,304.46
08 33 23 11-0080	EA 16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,995.44 6,603.07	2,514.80
08 33 23 11-0081	EA 18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,473.20 3,350.16	1,803.76
08 33 23 11-0082	EA 18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,023.70 3,675.39	1,873.87
08 33 23 11-0083	EA 18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,900.49 4,201.52	1,979.04
08 33 23 11-0084	EA 18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,721.84 4,642.26	2,119.27
08 33 23 11-0085	EA 18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,618.34 5,095.53	2,294.55
08 33 23 11-0086	EA 18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,585.60 5,558.05	2,504.89
08 33 23 11-0087	EA 18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,206.63 6,467.08	2,750.29
08 33 23 11-0088	EA 18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,927.66 7,407.29	3,030.74
08 33 23 11-0089	EA 20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,545.25 3,815.99	2,074.33
08 33 23 11-0090	EA 20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,577.55 4,502.57	2,144.44
08 33 23 11-0091	EA 20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,863.25 4,977.20	2,536.22
08 33 23 11-0092	EA 20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,971.72 5,677.09	2,641.39
08 33 23 11-0093	EA 20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,307.95 6,503.98	2,781.62
08 33 23 11-0094	EA 20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,793.78 7,443.07	2,921.84
08 33 23 11-0095	EA 20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,356.78 8,396.22	3,097.13
08 33 23 11-0096	EA 20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	18,014.63 9,376.69	3,307.45
08 33 23 11-0097	EA 22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,394.68 3,976.56	2,455.59
08 33 23 11-0098	EA 22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,558.01 4,717.60	2,560.76
08 33 23 11-0099	EA 22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,139.80 5,617.53	2,789.83
08 33 23 11-0100	EA 22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,574.80 6,562.31	2,895.00
08 33 23 11-0101	EA 22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	15,084.61 7,519.39	3,035.23
08 33 23 11-0102	EA 22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,743.50 8,588.28	3,175.45
08 33 23 11-0103	EA 22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	18,477.42 9,669.62	3,350.74
08 33 23 11-0104	EA 22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	20,271.51 10,752.26	3,561.07
08 33 23 11-0105	EA 24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,353.47 4,388.64	2,701.13
08 33 23 11-0106	EA 24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,145.14 4,894.76	2,771.25
08 33 23 11-0107	EA 24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,838.78 6,077.35	2,841.36
08 33 23 11-0108	EA 24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,436.46 7,144.15	2,946.53
08 33 23 11-0109	EA 24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,043.20 8,173.92	3,086.76
08 33 23 11-0110	EA 24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	17,797.89 9,314.66	3,226.98
08 33 23 11-0111	EA 24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	19,933.13 10,675.07	3,419.79
08 33 23 11-0112	EA 24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	22,118.29 12,072.92	3,612.60
<b>08 33 23 11-0113</b>	<b>18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)</b> Note: With curtain hood (barrel cover).		
08 33 23 11-0114	EA 14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,322.52 2,912.03	1,463.96
08 33 23 11-0115	EA 14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,930.69 3,276.14	1,537.58
08 33 23 11-0116	EA 14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,661.45 3,732.19	1,611.19
08 33 23 11-0117	EA 14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,389.20 4,139.96	1,721.55
08 33 23 11-0118	EA 14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,232.43 4,588.34	1,868.78



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	11-0119	EA		14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	10,074.89 5,036.14	2,016.03
08 33 23	11-0120	EA		14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,819.10 6,114.24	2,200.14
08 33 23	11-0121	EA		14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	13,636.92 7,201.54	2,420.99
08 33 23	11-0122	EA		16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	7,612.44 3,604.98	1,683.55
08 33 23	11-0123	EA		16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	8,303.05 4,030.92	1,757.16
08 33 23	11-0124	EA		16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	8,919.09 4,400.92	1,830.79
08 33 23	11-0125	EA		16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	9,630.31 4,796.30	1,941.14
08 33 23	11-0126	EA		16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	10,477.29 5,247.49	2,088.38
08 33 23	11-0127	EA		16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,441.75 5,786.79	2,235.61
08 33 23	11-0128	EA		16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	12,899.27 6,649.88	2,419.73
08 33 23	11-0129	EA		16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	14,441.74 7,530.66	2,640.59
08 33 23	11-0130	EA		18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	8,233.38 3,807.59	1,893.89
08 33 23	11-0131	EA		18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	8,852.41 4,179.84	1,967.50
08 33 23	11-0132	EA		18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	9,839.69 4,782.27	2,078.01
08 33 23	11-0133	EA		18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	10,756.22 5,285.62	2,225.24
08 33 23	11-0134	EA		18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,752.12 5,802.48	2,409.22
08 33 23	11-0135	EA		18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	12,822.41 6,329.13	2,630.07
08 33 23	11-0136	EA		18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	14,637.52 7,368.38	2,887.81
08 33 23	11-0137	EA		18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	16,560.60 8,442.60	3,182.28
08 33 23	11-0138	EA		20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	9,412.13 4,336.53	2,177.98
08 33 23	11-0139	EA		20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	10,585.24 5,124.34	2,251.60
08 33 23	11-0140	EA		20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,760.35 5,491.48	2,663.03
08 33 23	11-0141	EA		20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	12,979.13 6,267.54	2,773.52
08 33 23	11-0142	EA		20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	14,446.68 7,184.15	2,920.75
08 33 23	11-0143	EA		20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	16,080.48 8,225.45	3,068.00
08 33 23	11-0144	EA		20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	17,795.72 9,281.83	3,251.97
08 33 23	11-0145	EA		20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	19,612.06 10,368.01	3,472.83
08 33 23	11-0146	EA		22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	10,138.38 4,380.88	2,578.33
08 33 23	11-0147	EA		22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,418.11 5,202.64	2,688.82
08 33 23	11-0148	EA		22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	13,147.75 6,199.08	2,929.31
08 33 23	11-0149	EA		22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	14,729.33 7,247.24	3,039.81
08 33 23	11-0150	EA		22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	16,389.77 8,308.52	3,187.05
08 33 23	11-0151	EA		22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	18,215.83 9,494.02	3,334.29
08 33 23	11-0152	EA		22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	20,120.99 10,692.83	3,518.26
08 33 23	11-0153	EA		22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	22,088.72 11,892.56	3,739.11
08 33 23	11-0154	EA		24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	11,173.67 4,835.00	2,836.20
08 33 23	11-0155	EA		24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	12,044.74 5,396.28	2,909.82
08 33 23	11-0156	EA		24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	13,917.98 6,709.19	2,983.44
08 33 23	11-0157	EA		24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	15,680.34 7,892.92	3,093.80
08 33 23	11-0158	EA		24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	17,448.47 9,034.97	3,241.03
08 33 23	11-0159	EA		24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	19,380.99 10,300.32	3,388.27
08 33 23	11-0160	EA		24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift ..... <i>For 3/4" Insulated Slats, Add</i>	21,729.97 11,808.95	3,590.75

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors and Frames</b>
	<b>08 33</b>	<b>Coiling Doors and Grilles</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 33 23	11-0161	EA 24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	24,134.29 13,359.16		3,793.24
<b>08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)</b>					
Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.					
<b>08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0162)</b>					
08 33 23	11-0164	EA 4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,772.69		798.24
08 33 23	11-0165	EA 4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,976.76		842.59
08 33 23	11-0166	EA 4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,477.16		877.64
08 33 23	11-0167	EA 6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,387.20		931.28
08 33 23	11-0168	EA 6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,707.24		1,019.98
08 33 23	11-0169	EA 6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,920.07		1,055.02
08 33 23	11-0170	EA 6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,175.68		1,090.08
08 33 23	11-0171	EA 6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,469.45		1,142.67
08 33 23	11-0172	EA 8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,696.22		997.79
08 33 23	11-0173	EA 8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,022.40		1,064.32
08 33 23	11-0174	EA 8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,307.28		1,108.66
08 33 23	11-0175	EA 8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,563.10		1,143.72
08 33 23	11-0176	EA 8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,854.99		1,196.31
08 33 23	11-0177	EA 10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,411.05		1,153.00
08 33 23	11-0178	EA 10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,691.48		1,197.36
08 33 23	11-0179	EA 10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,068.10		1,267.47
08 33 23	11-0180	EA 10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,516.16		1,372.64
08 33 23	11-0181	EA 10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,203.13		1,512.87
08 33 23	11-0182	EA 10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,960.11		1,688.15
08 33 23	11-0183	EA 10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,783.33		1,898.49
08 33 23	11-0184	EA 10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,677.79		2,143.88
08 33 23	11-0185	EA 12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,686.67		1,197.36
08 33 23	11-0186	EA 12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,226.77		1,235.92
08 33 23	11-0187	EA 12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,727.82		1,306.03
08 33 23	11-0188	EA 12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,301.15		1,411.20
08 33 23	11-0189	EA 12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,073.29		1,551.43
08 33 23	11-0190	EA 12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,917.41		1,726.71
08 33 23	11-0191	EA 12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,560.04		1,937.05
08 33 23	11-0192	EA 12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	9,345.39		2,217.50
<b>08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0162)</b>					
08 33 23	11-0194	EA 14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	5,364.52		1,394.21
08 33 23	11-0195	EA 14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,019.96		1,464.32
08 33 23	11-0196	EA 14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,663.24		1,534.44
08 33 23	11-0197	EA 14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,327.81		1,639.61
08 33 23	11-0198	EA 14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,102.16		1,779.83
08 33 23	11-0199	EA 14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,876.48		1,920.06
08 33 23	11-0200	EA 14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,731.60		2,095.33
08 33 23	11-0201	EA 14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,656.95		2,305.67
08 33 23	11-0202	EA 16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,247.74		1,603.34
08 33 23	11-0203	EA 16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,932.15		1,673.46
08 33 23	11-0204	EA 16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,589.12		1,743.56
08 33 23	11-0205	EA 16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,336.03		1,848.73
08 33 23	11-0206	EA 16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,207.93		1,988.96
08 33 23	11-0207	EA 16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,125.54		2,129.18
08 33 23	11-0208	EA 16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,076.68		2,304.46
08 33 23	11-0209	EA 16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,050.68		2,514.80
08 33 23	11-0210	EA 18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,985.51		1,803.76
08 33 23	11-0211	EA 18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,717.19		1,873.87
08 33 23	11-0212	EA 18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,588.15		1,979.04
08 33 23	11-0213	EA 18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,517.37		2,119.27
08 33 23	11-0214	EA 18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,526.44		2,294.55
08 33 23	11-0215	EA 18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,599.55		2,504.89
08 33 23	11-0216	EA 18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,741.23		2,750.29
08 33 23	11-0217	EA 18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,959.11		3,030.74
08 33 23	11-0218	EA 20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,983.95		2,074.33
08 33 23	11-0219	EA 20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,729.34		2,144.44
08 33 23	11-0220	EA 20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,950.28		2,249.61
08 33 23	11-0221	EA 20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,828.32		2,389.83
08 33 23	11-0222	EA 20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,919.70		2,565.12
08 33 23	11-0223	EA 20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,108.63		2,775.46
08 33 23	11-0224	EA 20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	14,318.89		3,020.85
08 33 23	11-0225	EA 20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,631.32		3,301.30
08 33 23	11-0226	EA 22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,427.73		2,455.59
08 33 23	11-0227	EA 22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,412.43		2,560.76
08 33 23	11-0228	EA 22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,754.82		2,789.83
08 33 23	11-0229	EA 22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,829.43		2,895.00
08 33 23	11-0230	EA 22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,972.68		3,035.23
08 33 23	11-0231	EA 22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,126.56		3,175.45
08 33 23	11-0232	EA 22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	16,292.64		3,350.74
08 33 23	11-0233	EA 22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	17,536.44		3,561.07



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0234 EA 24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	10,389.96	2,701.13
08 33 23 11-0235 EA 24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	10,995.09	2,771.25
08 33 23 11-0236 EA 24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	12,418.83	2,841.36
08 33 23 11-0237 EA 24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	13,618.44	2,946.53
08 33 23 11-0238 EA 24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	14,825.69	3,086.76
08 33 23 11-0239 EA 24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	16,032.95	3,226.98
08 33 23 11-0240 EA 24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	17,468.83	3,402.26
08 33 23 11-0241 EA 24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift .....	19,020.59	3,612.60
<b>08 33 23 11-0242 Overhead Coiling Door Accessories</b> <small>(08 33 23 11)</small>		
08 33 23 11-0243 LF Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only .....	5.28	1.49
08 33 23 11-0244 LF Top Of Door (Lintel), Weather Strip Seal For Coiling Doors .....	34.84	1.78
08 33 23 11-0245 LF Side Of Door (Guides), Weather Strip Seal For Coiling Doors .....	33.22	1.78
08 33 23 11-0246 EA Cylinder Lock For Coiling Doors .....	295.20	74.36
08 33 23 11-0247 EA Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	1,867.88	237.96
Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0248 EA Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	2,364.39	237.96
Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0249 EA >12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	2,212.95	267.70
Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0250 EA >12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	2,620.60	267.70
Note: Includes three button inside station controls and mounting hardware.		
08 33 23 11-0251 EA >18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	2,855.93	297.44
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 23 11-0252 EA >18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles .....	3,103.23	297.44
Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 23 11-0253 LF Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles .....	85.66	
08 33 23 11-0254 EA Remote Transmitter Kit For Coiling Door Operators .....	388.60	118.98
<b>08 33 23 11-0255 Removal And Reinstallation Of Roll-Up Door And Support</b> <small>(08 33 23 11)</small>		
Note: Includes storage, cleaning and supply materials.		
08 33 23 11-0256 SF Removal And Reinstallation Of Metal Roll-up Door And Supports .....	25.33	
<b>08 33 23 13 Overhead Rapid Coiling Doors</b> <small>(08 33 23)</small>		
Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.		
<b>08 33 23 13-0001 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> <small>(08 33 23 13)</small>		
Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
<b>08 33 23 13-0002 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> <small>(08 33 23 13-0001)</small>		
<b>08 33 23 13-0003 5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> <small>(08 33 23 13-0002)</small>		
08 33 23 13-0004 EA 5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	4,837.46	435.45
08 33 23 13-0005 EA 5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,099.61	455.68
08 33 23 13-0006 EA 5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,360.04	475.91
08 33 23 13-0007 EA 5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,618.76	496.14
08 33 23 13-0008 EA 5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,880.91	516.36
08 33 23 13-0009 EA 5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
<b>08 33 23 13-0010 6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> <small>(08 33 23 13-0002)</small>		
08 33 23 13-0011 EA 6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,099.61	455.68
08 33 23 13-0012 EA 6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,360.04	475.91
08 33 23 13-0013 EA 6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,618.76	496.14
08 33 23 13-0014 EA 6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,880.91	516.36
08 33 23 13-0015 EA 6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
08 33 23 13-0016 EA 6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,401.78	556.82
<b>08 33 23 13-0017 7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> <small>(08 33 23 13-0002)</small>		
08 33 23 13-0018 EA 7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,360.04	475.91
08 33 23 13-0019 EA 7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,618.76	496.14
08 33 23 13-0020 EA 7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,880.91	516.36
08 33 23 13-0021 EA 7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
08 33 23 13-0022 EA 7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,401.78	556.82
08 33 23 13-0023 EA 7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,663.93	577.04



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0024		<b>8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> (08 33 23 13-0002)		
08 33 23	13-0025	EA	8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,618.76	496.14
08 33 23	13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,880.91	516.36
08 33 23	13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
08 33 23	13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,401.78	556.82
08 33 23	13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,663.93	577.04
08 33 23	13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,922.64	597.27
08 33 23	13-0031		<b>9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> (08 33 23 13-0002)		
08 33 23	13-0032	EA	9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	5,880.91	516.36
08 33 23	13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
08 33 23	13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,401.78	556.82
08 33 23	13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,663.93	577.04
08 33 23	13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,922.64	597.27
08 33 23	13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	7,184.79	617.49
08 33 23	13-0038		<b>10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®)</b> (08 33 23 13-0002)		
08 33 23	13-0039	EA	10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,141.34	536.59
08 33 23	13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,401.78	556.82
08 33 23	13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,663.93	577.04
08 33 23	13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	6,922.64	597.27
08 33 23	13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	7,184.79	617.49
08 33 23	13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®) .....	7,445.23	637.72
08 33 23	13-0045		<b>Rytec® Bantam® Door Options</b> (08 33 23 13-0001)		
08 33 23	13-0046	SF	Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors .....	10.74	
08 33 23	13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors .....	23.63	
08 33 23	13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors .....	34.37	
			Note: Multiply linear foot price x width of door.		
08 33 23	13-0049	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors .....	326.54	
08 33 23	13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors .....	634.56	59.48
08 33 23	13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors .....	634.56	59.48
08 33 23	13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors .....	2,686.97	118.98
			Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.		
08 33 23	13-0053	EA	Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator .....	342.40	59.48
			Note: Includes open/close/stop control.		
08 33 23	13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator .....	333.81	59.48
08 33 23	13-0055		<b>2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)</b> (08 33 23 13-0055)		
			Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23	13-0056		<b>2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)</b> (08 33 23 13-0055)		
08 33 23	13-0057		<b>6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)</b> (08 33 23 13-0056)		
08 33 23	13-0058	EA	6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	14,770.69	475.91
08 33 23	13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,011.64	496.14
08 33 23	13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,289.19	516.36
08 33 23	13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,674.96	536.59
08 33 23	13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	16,068.69	556.82
08 33 23	13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	16,729.74	577.04
08 33 23	13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	17,199.85	597.27
08 33 23	13-0065		<b>7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)</b> (08 33 23 13-0056)		
08 33 23	13-0066	EA	7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,064.15	496.14
08 33 23	13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,370.35	516.36
08 33 23	13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,754.52	536.59
08 33 23	13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	16,160.98	556.82
08 33 23	13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	16,696.33	577.04
08 33 23	13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	17,341.47	597.27
08 33 23	13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	17,851.36	617.49
08 33 23	13-0073		<b>8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®)</b> (08 33 23 13-0056)		
08 33 23	13-0074	EA	8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®) .....	15,421.27	516.36



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0075 EA 8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,803.85	536.59
08 33 23 13-0076 EA 8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,226.23	556.82
08 33 23 13-0077 EA 8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,777.48	577.04
08 33 23 13-0078 EA 8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,274.64	597.27
08 33 23 13-0079 EA 8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,977.07	617.49
08 33 23 13-0080 EA 8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,553.79	637.72
<b>08 33 23 13-0081 9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)</b>		
08 33 23 13-0082 EA 9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	15,856.37	536.59
08 33 23 13-0083 EA 9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,275.56	556.82
08 33 23 13-0084 EA 9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,826.81	577.04
08 33 23 13-0085 EA 9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,339.88	597.27
08 33 23 13-0086 EA 9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,878.41	617.49
08 33 23 13-0087 EA 9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,437.62	637.72
08 33 23 13-0088 EA 9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,050.94	657.94
<b>08 33 23 13-0089 10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)</b>		
08 33 23 13-0090 EA 10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,316.93	556.82
08 33 23 13-0091 EA 10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,879.33	577.04
08 33 23 13-0092 EA 10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,387.62	597.27
08 33 23 13-0093 EA 10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,930.92	617.49
08 33 23 13-0094 EA 10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,533.10	637.72
08 33 23 13-0095 EA 10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,656.30	657.94
08 33 23 13-0096 EA 10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,678.59	678.17
<b>08 33 23 13-0097 11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)</b>		
08 33 23 13-0098 EA 11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	16,909.56	577.04
08 33 23 13-0099 EA 11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,430.58	597.27
08 33 23 13-0100 EA 11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,980.25	617.49
08 33 23 13-0101 EA 11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,584.02	637.72
08 33 23 13-0102 EA 11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,980.92	657.94
08 33 23 13-0103 EA 11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,764.52	678.17
08 33 23 13-0104 EA 11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,406.49	698.39
<b>08 33 23 13-0105 12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)</b>		
08 33 23 13-0106 EA 12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	17,444.91	597.27
08 33 23 13-0107 EA 12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,008.89	617.49
08 33 23 13-0108 EA 12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	18,623.80	637.72
08 33 23 13-0109 EA 12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,035.03	657.94
08 33 23 13-0110 EA 12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	19,575.16	678.17
08 33 23 13-0111 EA 12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	20,479.69	698.39
08 33 23 13-0112 EA 12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®).....	21,108.93	718.62
<b>08 33 23 13-0113 Rytec® PredaDoor® Door Options (08 33 23 13-0055)</b>		
08 33 23 13-0114 EA Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	755.13	118.98
08 33 23 13-0115 EA >10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....	1,097.26	118.98
08 33 23 13-0116 SF Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....	12.89	
<b>08 33 23 13-0117 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)</b>		
Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.		
<b>08 33 23 13-0118 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0117)</b>		
<b>08 33 23 13-0119 8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)</b>		
08 33 23 13-0120 EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	22,443.42	1,070.80
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,200.00	
For 316 Stainless Steel Side Frame Tower, Add	3,300.00	



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0121	EA	8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,460.47	1,101.14
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0122	EA	8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,347.03	1,131.47
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0123	EA	8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,300.44	1,161.81
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0124	EA	8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,381.14	1,192.15
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0125	EA	8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,949.44	1,222.49
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0126	EA	8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,836.01	1,252.83
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0127	EA	8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,626.60	1,285.41
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0128	EA	8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,884.43	1,318.82
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0129	EA	8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,901.68	1,353.11
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0130	EA	8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,161.32	1,388.29
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
08 33 23	13-0131		<b>9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23	13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	23,460.47	1,101.14
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,750.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,125.00	
08 33 23	13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,347.03	1,131.47
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,750.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,125.00	
08 33 23	13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,300.44	1,161.81
			<i>For NEMA 4X Control Box, Add</i>	675.00	
			<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
			<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
			<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,750.00	
			<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,125.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0135 EA 9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,381.14	1,192.15
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0136 EA 9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,949.44	1,222.49
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0137 EA 9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,836.01	1,252.83
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0138 EA 9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,978.77	1,283.17
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0139 EA 9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,884.42	1,318.82
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0140 EA 9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,901.68	1,353.11
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0141 EA 9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,161.32	1,388.29
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
08 33 23 13-0142 EA 9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,661.67	1,424.39
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	2,750.00	
For 316 Stainless Steel Side Frame Tower, Add	4,125.00	
<b>08 33 23 13-0143 10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0144 EA 10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,347.03	1,131.47
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0145 EA 10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,300.44	1,161.81
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0146 EA 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,381.14	1,192.15
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0147 EA 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,949.44	1,222.49
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
For 316 Stainless Steel Side Frame Tower, Add	4,950.00	
08 33 23 13-0148 EA 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,836.01	1,252.83
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
For 304 Stainless Steel Side Frame Tower, Add	3,300.00	
For 316 Stainless Steel Side Frame Tower, Add	4,950.00	

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0149	EA 10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,978.77	1,283.17
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0150	EA 10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,057.88	1,313.51
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0151	EA 10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,900.36	1,352.45
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0152	EA 10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,159.96	1,387.62
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0153	EA 10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,660.28	1,423.70
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0154	EA 10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,925.31	1,460.71
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0155	<b>11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0156	EA 11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,300.44	1,161.81
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0157	EA 11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,381.14	1,192.15
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0158	EA 11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,949.44	1,222.49
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0159	EA 11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,836.01	1,252.83
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0160	EA 11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,978.77	1,283.17
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0161	EA 11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,057.88	1,313.51
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0162	EA 11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,264.30	1,343.84
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 33 23	13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,156.72 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,386.00
	08 33 23	13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,656.95 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,422.03
	08 33 23	13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,921.89 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,459.01
	08 33 23	13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,424.21 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,496.93
<b>08 33 23</b>	<b>13-0167</b>			<b>12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
	08 33 23	13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	26,381.14 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,192.15
	08 33 23	13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	26,949.44 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,222.49
	08 33 23	13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	27,836.01 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,252.83
	08 33 23	13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	28,978.77 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,283.17
	08 33 23	13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	30,057.88 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,313.51
	08 33 23	13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	31,264.30 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,343.84
	08 33 23	13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,131.76 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,374.19
	08 33 23	13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,651.97 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,419.53
	08 33 23	13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,916.77 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,456.44

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0177	EA 12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,418.95 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,494.32
08 33 23 13-0178	EA 12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,923.10 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,533.17
<b>08 33 23 13-0179</b>	<b>13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0180	EA 13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	27,605.06 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,222.49
08 33 23 13-0181	EA 13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	28,738.27 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,252.83
08 33 23 13-0182	EA 13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	29,812.61 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,283.17
08 33 23 13-0183	EA 13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	31,060.40 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,313.51
08 33 23 13-0184	EA 13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,303.42 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,343.84
08 33 23 13-0185	EA 13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,226.58 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,374.19
08 33 23 13-0186	EA 13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,928.55 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,404.53
08 33 23 13-0187	EA 13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	35,008.20 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,453.18
08 33 23 13-0188	EA 13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,511.93 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,490.96
08 33 23 13-0189	EA 13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	38,022.77 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,529.73
08 33 23 13-0190	EA 13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,353.47 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,569.50





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>08 33 23 13-0191</b>	<b>14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0192	EA 14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,738.27	1,252.83
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0193	EA 14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,812.61	1,283.17
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0194	EA 14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,060.40	1,313.51
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0195	EA 14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,303.42	1,343.84
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0196	EA 14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,226.58	1,374.19
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0197	EA 14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,928.55	1,404.53
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0198	EA 14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,971.08	1,434.86
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0199	EA 14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,503.51	1,486.75
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0200	EA 14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	38,014.13	1,525.41
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0201	EA 14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,344.60	1,565.06
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
08 33 23 13-0202	EA 14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	42,239.34	1,605.76
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
	For 304 Stainless Steel Side Frame Tower, Add	5,480.00	
	For 316 Stainless Steel Side Frame Tower, Add	7,370.00	
<b>08 33 23 13-0203</b>	<b>15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0204	EA 15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,752.44	1,252.83
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0205	EA 15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,000.68	1,283.17
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0206	EA 15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,243.76	1,313.51
	For NEMA 4X Control Box, Add	675.00	
	For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
	For AC Variable Speed Motor And Controls, Add	2,750.00	



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0207	EA	15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	33,167.18 675.00 1,100.00 2,750.00	1,343.84
08 33 23	13-0208	EA	15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	33,868.89 675.00 1,100.00 2,750.00	1,374.19
08 33 23	13-0209	EA	15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	34,910.89 675.00 1,100.00 2,750.00	1,404.53
08 33 23	13-0210	EA	15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	36,465.74 675.00 1,100.00 2,750.00	1,467.87
08 33 23	13-0211	EA	15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	38,005.21 675.00 1,100.00 2,750.00	1,520.94
08 33 23	13-0212	EA	15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	39,335.45 675.00 1,100.00 2,750.00	1,560.48
08 33 23	13-0213	EA	15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,229.95 675.00 1,100.00 2,750.00	1,601.06
08 33 23	13-0214	EA	15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	44,267.26 675.00 1,100.00 2,750.00	1,642.69
08 33 23	13-0215		<b>16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 23 13-0116)		
08 33 23	13-0216	EA	16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	31,056.59 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,311.12
08 33 23	13-0217	EA	16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,302.49 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,342.88
08 33 23	13-0218	EA	16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,228.73 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,374.62
08 33 23	13-0219	EA	16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,933.28 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,406.38
08 33 23	13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,978.09 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,438.12
08 33 23	13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,469.77 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,469.88
08 33 23	13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,966.58 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,501.62
08 33 23	13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,326.32 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,555.92



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 33 23	13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	42,220.59 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,596.38
	08 33 23	13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	44,257.65 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,637.88
	08 33 23	13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	46,307.19 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,680.47
	08 33 23	13-0227		<b>17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 23 13-0118)		
	08 33 23	13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	32,185.87 675.00 1,100.00 2,750.00	1,341.28
	08 33 23	13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	33,227.00 675.00 1,100.00 2,750.00	1,373.76
	08 33 23	13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	34,486.39 675.00 1,100.00 2,750.00	1,406.24
	08 33 23	13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	35,869.52 675.00 1,100.00 2,750.00	1,438.73
	08 33 23	13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	37,139.23 675.00 1,100.00 2,750.00	1,471.21
	08 33 23	13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	39,025.92 675.00 1,100.00 2,750.00	1,503.69
	08 33 23	13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	40,843.86 675.00 1,100.00 2,750.00	1,536.17
	08 33 23	13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	42,211.25 675.00 1,100.00 2,750.00	1,591.72
	08 33 23	13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	44,248.07 675.00 1,100.00 2,750.00	1,633.09
	08 33 23	13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	46,297.37 675.00 1,100.00 2,750.00	1,675.56
	08 33 23	13-0238	EA	17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	48,285.27 675.00 1,100.00 2,750.00	1,719.12
	08 33 23	13-0239		<b>18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> (08 33 23 13-0118)		
	08 33 23	13-0240	EA	18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	33,557.14 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,372.13
	08 33 23	13-0241	EA	18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add For 304 Stainless Steel Side Frame Tower, Add For 316 Stainless Steel Side Frame Tower, Add	34,931.46 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,405.36

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0242	EA 18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,427.80	1,438.59
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0243	EA 18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,918.97	1,471.81
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0244	EA 18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,473.75	1,505.05
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0245	EA 18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,681.59	1,538.27
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0246	EA 18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	43,951.30	1,571.50
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0247	EA 18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,072.05	1,628.32
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0248	EA 18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	46,287.56	1,670.66
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0249	EA 18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	48,218.49	1,714.10
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0250	EA 18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	50,211.85	1,758.67
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,720.00	
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	8,230.00	
08 33 23 13-0251	19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0252	EA 19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,928.12	1,403.69
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0253	EA 19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,425.99	1,437.68
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0254	EA 19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,918.69	1,471.67
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0255	EA 19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,475.00	1,505.67
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0256	EA 19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,684.37	1,539.66
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0257	EA 19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	43,955.60	1,573.65
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0258	EA 19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,030.70	1,607.64
	<i>For NEMA 4X Control Box, Add</i>	675.00	
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0259 EA 19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	46,277.79	1,665.77
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0260 EA 19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	48,208.48	1,709.08
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0261 EA 19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	50,201.56	1,753.52
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0262 EA 19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	52,196.96	1,799.11
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<b>08 33 23 13-0263 20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0264 EA 20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,422.58	1,435.97
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0265 EA 20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,916.84	1,470.74
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0266 EA 20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,474.71	1,505.52
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0267 EA 20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,685.64	1,540.29
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0268 EA 20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	43,958.44	1,575.07
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0269 EA 20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,035.10	1,609.84
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0270 EA 20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	46,235.49	1,644.62
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0271 EA 20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	48,198.48	1,704.08
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0272 EA 20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	50,191.31	1,748.39
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0273 EA 20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	52,186.43	1,793.85
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0274 EA 20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	53,943.34	1,840.49
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<b>08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>		
08 33 23 13-0276 EA 21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,526.43	1,540.15
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0277 EA 21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	47,738.96	1,575.72
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0278 EA 21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	50,011.64	1,611.29
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0279 EA 21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,093.33	1,646.87
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors and Frames</b>
	<b>08 33</b>	<b>Coiling Doors and Grilles</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 23	13-0280	EA 21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	52,293.60		1,682.44
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0281	EA 21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	54,259.34		1,743.28
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0282	EA 21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	56,254.21		1,788.61
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0283	EA 21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,251.43		1,835.11
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0284	EA 21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,010.46		1,882.82
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
<b>08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>					
08 33 23	13-0286	EA 22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	47,260.89		1,575.57
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0287	EA 22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	49,476.77		1,611.97
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0288	EA 22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,749.37		1,648.35
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0289	EA 22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	52,830.98		1,684.75
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0290	EA 22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	54,036.33		1,721.14
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0291	EA 22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	56,004.86		1,783.37
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0292	EA 22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,001.82		1,829.74
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0293	EA 22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	59,999.45		1,877.31
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0294	EA 22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	61,762.40		1,926.13
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
<b>08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>					
08 33 23	13-0296	EA 23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	48,998.70		1,611.81
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0297	EA 23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,214.53		1,649.04
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0298	EA 23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	53,490.52		1,686.27
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0299	EA 23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	54,573.80		1,723.50
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		
08 33 23	13-0300	EA 23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,779.12		1,760.73
		<i>For NEMA 4X Control Box, Add</i>	675.00		
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00		
		<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00		





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
	08 33 23	13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	57,752.22 675.00 1,100.00 2,750.00	1,824.39	
	08 33 23	13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	59,749.59 675.00 1,100.00 2,750.00	1,871.83	
	08 33 23	13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	61,751.14 675.00 1,100.00 2,750.00	1,920.49	
	08 33 23	13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	63,516.34 675.00 1,100.00 2,750.00	1,970.42	
08 33 23	13-0305	<b>24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)</b> <small>(08 33 23 13-0118)</small>					
	08 33 23	13-0306	EA	24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	50,736.45 675.00 1,100.00 2,750.00	1,648.89	
	08 33 23	13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	52,954.00 675.00 1,100.00 2,750.00	1,686.97	
	08 33 23	13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	55,233.42 675.00 1,100.00 2,750.00	1,725.05	
	08 33 23	13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	56,318.42 675.00 1,100.00 2,750.00	1,763.13	
	08 33 23	13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	57,523.72 675.00 1,100.00 2,750.00	1,801.22	
	08 33 23	13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	59,498.03 675.00 1,100.00 2,750.00	1,866.35	
	08 33 23	13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	61,499.31 675.00 1,100.00 2,750.00	1,914.87	
	08 33 23	13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	63,504.81 675.00 1,100.00 2,750.00	1,964.67	
	08 33 23	13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	65,268.86 675.00 1,100.00 2,750.00	2,015.75	
08 33 23	13-0315	<b>Rytec® Fast-Seal® Door Options</b> <small>(08 33 23 13-0117)</small>					
	08 33 23	13-0316	LF	Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors ..... Note: Multiply linear foot price x width of door.	47.74		
	08 33 23	13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors .....	517.17		
	08 33 23	13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors .....	859.30		
	08 33 23	13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors .....	1,263.68		
	08 33 23	13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors .....	1,890.47		
	08 33 23	13-0321	EA	One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	302.35		
	08 33 23	13-0322	EA	Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	596.74		
				Note: Door must be at least 90" wide.			
	08 33 23	13-0323	EA	Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	755.87		
				Note: Door must be at least 102" wide.			
	08 33 23	13-0324	EA	Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	1,193.48		
				Note: Door must be at least 136" wide.			
	08 33 23	13-0325	EA	One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	350.09		
	08 33 23	13-0326	EA	Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	692.22		
				Note: Door must be at least 108" wide.			
	08 33 23	13-0327	EA	Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	859.30		
				Note: Door must be at least 144" wide.			



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 33 23 13-0328	EA	Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors .....	1,384.43	
		Note: Door must be at least 192" wide.		
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10' .....	768.05	
		For 304 Stainless Steel, Add	122.89	
		For 316 Stainless Steel, Add	537.64	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14' .....	998.46	
		For 304 Stainless Steel, Add	159.75	
		For 316 Stainless Steel, Add	698.92	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18' .....	1,305.68	
		For 304 Stainless Steel, Add	208.91	
		For 316 Stainless Steel, Add	913.98	
08 33 23 13-0332	EA	Through Wall Brake Release .....	177.85	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons .....	22,043.04	
		For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct	-6,200.00	

**08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13)

Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lb. polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.

**08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13-0334)

**08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13-0335)

08 33 23 13-0337	EA	8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	29,639.29	1,070.80
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	29,902.76	1,101.14
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	30,367.31	1,131.47
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	30,831.87	1,161.81
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,298.14	1,192.15
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,762.68	1,222.49
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,024.44	1,252.83
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,495.18	1,285.41
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	33,369.77	1,318.82
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	33,641.14	1,353.11
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	34,318.16	1,388.30

**08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13-0335)

08 33 23 13-0349	EA	9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	29,902.76	1,101.14
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	30,164.51	1,131.47
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	30,630.79	1,161.81
08 33 23 13-0352	EA	9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,298.14	1,192.15
08 33 23 13-0353	EA	9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,559.89	1,222.49
08 33 23 13-0354	EA	9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,024.44	1,252.83
08 33 23 13-0355	EA	9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,490.71	1,283.17
08 33 23 13-0356	EA	9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,965.89	1,318.82
08 33 23 13-0357	EA	9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	34,045.01	1,353.11
08 33 23 13-0358	EA	9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	35,127.62	1,388.30
08 33 23 13-0359	EA	9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	36,210.36	1,424.39

**08 33 23 13-0360 10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13-0335)

08 33 23 13-0361	EA	10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,377.85	1,131.47
08 33 23 13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,641.33	1,161.81
08 33 23 13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,105.88	1,192.15
08 33 23 13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,773.22	1,222.49
08 33 23 13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	33,237.78	1,252.83
08 33 23 13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	33,704.05	1,283.17
08 33 23 13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	34,168.60	1,313.51
08 33 23 13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	34,853.16	1,352.45
08 33 23 13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	35,731.23	1,387.62
08 33 23 13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	37,016.72	1,423.69
08 33 23 13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	38,103.02	1,460.71

**08 33 23 13-0372 11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)** (08 33 23 13-0335)

08 33 23 13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,438.54	1,161.81
08 33 23 13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	31,903.09	1,192.15
08 33 23 13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) .....	32,369.35	1,222.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0376 EA 11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,036.70	1,252.83
08 33 23 13-0377 EA 11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,501.25	1,283.17
08 33 23 13-0378 EA 11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,965.80	1,313.51
08 33 23 13-0379 EA 11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,038.74	1,343.84
08 33 23 13-0380 EA 11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,334.65	1,385.99
08 33 23 13-0381 EA 11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,620.07	1,422.03
08 33 23 13-0382 EA 11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	38,907.35	1,459.01
08 33 23 13-0383 EA 11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,993.75	1,496.93
<b>08 33 23 13-0384 12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> (08 33 23 13-0335)		
08 33 23 13-0385 EA 12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	31,702.01	1,192.15
08 33 23 13-0386 EA 12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,166.55	1,222.49
08 33 23 13-0387 EA 12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,631.11	1,252.83
08 33 23 13-0388 EA 12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,298.46	1,283.17
08 33 23 13-0389 EA 12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,965.80	1,313.51
08 33 23 13-0390 EA 12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,239.82	1,343.84
08 33 23 13-0391 EA 12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,513.83	1,374.19
08 33 23 13-0392 EA 12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,817.86	1,419.54
08 33 23 13-0393 EA 12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,306.08	1,456.45
08 33 23 13-0394 EA 12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,595.16	1,494.31
08 33 23 13-0395 EA 12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,886.20	1,533.17
<b>08 33 23 13-0396 13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> (08 33 23 13-0335)		
08 33 23 13-0397 EA 13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,166.55	1,222.49
08 33 23 13-0398 EA 13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,430.03	1,252.83
08 33 23 13-0399 EA 13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,894.58	1,283.17
08 33 23 13-0400 EA 13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,764.73	1,313.51
08 33 23 13-0401 EA 13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,239.82	1,343.84
08 33 23 13-0402 EA 13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,716.62	1,374.19
08 33 23 13-0403 EA 13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,990.64	1,404.53
08 33 23 13-0404 EA 13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,502.36	1,453.18
08 33 23 13-0405 EA 13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,994.06	1,490.96
08 33 23 13-0406 EA 13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,485.99	1,529.73
08 33 23 13-0407 EA 13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	43,778.88	1,569.50
<b>08 33 23 13-0408 14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> (08 33 23 13-0335)		
08 33 23 13-0409 EA 14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,430.03	1,252.83
08 33 23 13-0410 EA 14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,691.79	1,283.17
08 33 23 13-0411 EA 14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,359.14	1,313.51
08 33 23 13-0412 EA 14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,633.15	1,343.84
08 33 23 13-0413 EA 14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,513.83	1,374.19
08 33 23 13-0414 EA 14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,990.64	1,404.53
08 33 23 13-0415 EA 14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,668.53	1,434.86
08 33 23 13-0416 EA 14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,186.70	1,486.75
08 33 23 13-0417 EA 14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,680.14	1,525.41
08 33 23 13-0418 EA 14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,173.88	1,565.06
08 33 23 13-0419 EA 14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	45,874.18	1,605.76
<b>08 33 23 13-0420 15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> (08 33 23 13-0335)		
08 33 23 13-0421 EA 15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,701.00	1,281.64
08 33 23 13-0422 EA 15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,166.95	1,312.69
08 33 23 13-0423 EA 15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,835.69	1,343.71
08 33 23 13-0424 EA 15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,705.51	1,374.75
08 33 23 13-0425 EA 15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,790.38	1,405.80
08 33 23 13-0426 EA 15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,469.66	1,436.82
08 33 23 13-0427 EA 15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,148.95	1,467.87
08 33 23 13-0428 EA 15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,671.23	1,520.95
08 33 23 13-0429 EA 15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,367.53	1,560.48
08 33 23 13-0430 EA 15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	46,065.88	1,601.07
08 33 23 13-0431 EA 15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	47,766.34	1,642.69
<b>08 33 23 13-0432 16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> (08 33 23 13-0335)		
08 33 23 13-0433 EA 16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,961.03	1,311.13
08 33 23 13-0434 EA 16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,631.20	1,342.87
08 33 23 13-0435 EA 16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,301.38	1,374.62
08 33 23 13-0436 EA 16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,982.09	1,406.37
08 33 23 13-0437 EA 16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,269.45	1,438.12
08 33 23 13-0438 EA 16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,951.88	1,469.88
08 33 23 13-0439 EA 16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,632.60	1,501.62

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		44,358.40	1,555.92
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		46,056.51	1,596.38
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		47,756.73	1,637.88
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		49,661.91	1,680.47
<b>08 33 23 13-0444</b>		<b>17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>			
08 33 23 13-0445	EA	17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		34,426.92	1,341.28
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		34,895.76	1,373.76
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		36,577.93	1,406.24
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		38,260.10	1,438.72
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		40,548.94	1,471.20
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		42,433.90	1,503.68
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		44,116.08	1,536.17
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		46,047.18	1,591.72
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		47,747.15	1,633.09
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		49,652.09	1,675.56
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		51,559.21	1,719.13
<b>08 33 23 13-0456</b>		<b>18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>			
08 33 23 13-0457	EA	18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		34,892.50	1,372.13
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		35,362.84	1,405.36
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		37,653.16	1,438.59
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		39,539.63	1,471.81
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		41,829.97	1,505.04
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		43,716.42	1,538.27
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		45,805.68	1,571.50
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		47,737.60	1,628.32
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		49,642.28	1,670.66
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		51,549.15	1,714.10
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		53,458.30	1,758.66
<b>08 33 23 13-0468</b>		<b>19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>			
08 33 23 13-0469	EA	19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		35,763.36	1,403.68
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		36,438.02	1,437.68
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		38,932.67	1,471.68
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		40,820.67	1,505.67
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		43,315.32	1,539.66
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		45,203.32	1,573.65
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		47,292.38	1,607.65
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		49,228.64	1,665.77
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		51,336.35	1,709.08
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		53,245.21	1,753.52
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		55,359.19	1,799.12
<b>08 33 23 13-0480</b>		<b>20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>			
08 33 23 13-0481	EA	20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		37,041.28	1,435.97
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		37,717.50	1,470.74
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		40,010.91	1,505.53
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		42,103.27	1,540.29
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		44,599.48	1,575.07
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		46,690.11	1,609.84
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		48,782.46	1,644.62
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		50,922.47	1,704.09
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		53,033.88	1,748.40
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		55,145.88	1,793.84
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		57,260.25	1,840.49
<b>08 33 23 13-0492</b>		<b>21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>			
08 33 23 13-0493	EA	21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		37,310.12	1,469.00
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		39,201.28	1,504.57
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		41,092.43	1,540.15
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		43,387.45	1,575.72
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		45,885.27	1,611.29
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		48,180.30	1,646.87
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		50,272.53	1,682.44
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		52,618.07	1,743.28
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		54,731.52	1,788.61
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		56,845.60	1,835.11
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)		59,164.91	1,882.82



		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0504		<b>22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>		
08 33 23 13-0505	EA	22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,781.58	1,502.79
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,471.55	1,539.19
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,376.61	1,575.57
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,673.26	1,611.97
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	47,373.80	1,648.36
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	49,670.46	1,684.76
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	51,766.05	1,721.13
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	54,114.39	1,783.37
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	56,431.00	1,829.74
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	58,750.02	1,877.32
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	61,071.51	1,926.13
08 33 23 13-0516		<b>23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>		
08 33 23 13-0517	EA	23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,266.84	1,537.35
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,755.70	1,574.59
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	43,459.63	1,611.81
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	45,960.75	1,649.04
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	48,662.97	1,686.27
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	50,961.29	1,723.50
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	53,462.44	1,760.73
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	55,813.63	1,824.40
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	58,132.38	1,871.83
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	60,656.39	1,920.49
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	62,980.13	1,970.43
08 33 23 13-0528		<b>24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)</b> <small>(08 33 23 13-0335)</small>		
08 33 23 13-0529	EA	24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,550.89	1,572.71
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,637.60	1,610.80
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,747.10	1,648.89
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	47,047.15	1,686.97
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	49,953.86	1,725.05
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	52,456.71	1,763.13
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	54,957.84	1,801.22
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	57,514.77	1,866.35
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	59,835.70	1,914.88
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	62,361.94	1,964.66
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	64,890.77	2,015.75
08 33 23 13-0540		<b>Rytec® Powerhouse™ Door Options</b> <small>(08 33 23 13-0334)</small>		
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,629.47	
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,681.03	
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,732.58	
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,784.14	
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,835.70	
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,887.26	
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,938.82	
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,990.37	
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,041.93	
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,093.49	
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,145.05	
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,196.61	
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,248.17	
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,299.72	
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,351.28	
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,402.84	
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	3,454.40	
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors.....	601.51	
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door.....	1,478.00	
		Note: Includes System 4 Controller In NEMA 4 Enclosure		
08 33 23 13-0560		<b>Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)</b> <small>(08 33 23 13)</small>		
		Note: Door panels are double-walled aluminum slats that are 6" high x 1-3/16" thick. Width is variable. Side frames are galvanized steel with full height weather seal on both sides. There are extension springs in each column for counterbalance. The drive system is a 2 HP, 208,230/460 Volt, three-phase motor with variable speed AC drive. Opening and closing speeds up to 60" per second.		
08 33 23 13-0561		<b>Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral®)</b> <small>(08 33 23 13-0560)</small>		
08 33 23 13-0562		<b>8' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <small>(08 33 23 13-0561)</small>		





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 33 23 13-0563	EA	8' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	31,936.49	1,427.73
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,858.08	1,458.06
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,779.64	1,488.41
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,702.81	1,518.74
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,624.38	1,549.08
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,187.73	1,609.76
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,109.30	1,640.10
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,023.16	1,674.79
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,942.58	1,708.29
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,863.34	1,742.46

**08 33 23 13-0574 9' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** (08 33 23 13-0561)

08 33 23 13-0575	EA	9' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	32,858.08	1,458.06
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,779.64	1,488.41
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,702.81	1,518.74
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,624.38	1,549.08
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,467.53	1,609.76
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,109.30	1,640.10
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,013.77	1,672.90
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,949.03	1,706.36
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,869.71	1,740.50
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,791.77	1,775.29

**08 33 23 13-0586 10' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** (08 33 23 13-0561)

08 33 23 13-0587	EA	10' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	33,779.64	1,488.41
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,702.81	1,518.74
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,624.38	1,549.08
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,467.53	1,609.76
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,389.11	1,640.10
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,030.87	1,670.45
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,950.88	1,703.85
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,871.46	1,737.92
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,793.41	1,772.69
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,716.75	1,808.13

**08 33 23 13-0598 11' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** (08 33 23 13-0561)

08 33 23 13-0599	EA	11' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	34,702.81	1,518.74
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,624.38	1,549.08
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,467.53	1,609.76
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,389.11	1,640.10
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,310.67	1,670.45
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,950.85	1,700.78
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,873.79	1,734.79
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,795.61	1,769.49
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,718.82	1,804.88
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,643.44	1,840.99

**08 33 23 13-0610 12' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** (08 33 23 13-0561)

08 33 23 13-0611	EA	12' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	35,624.38	1,549.08
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,467.53	1,609.76
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,389.11	1,640.10
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,310.67	1,670.45
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,232.24	1,700.78
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,874.01	1,731.12
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,796.70	1,765.74
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,719.76	1,801.06
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,644.24	1,837.08
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,571.87	1,873.82

**08 33 23 13-0622 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)** (08 33 23 13-0561)

08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	36,545.95	1,579.43
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	37,467.53	1,609.76
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	38,389.11	1,640.10
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,310.67	1,670.45



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0627 EA 13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,232.24	1,700.78
08 33 23 13-0628 EA 13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,153.81	1,731.12
08 33 23 13-0629 EA 13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,795.59	1,761.46
08 33 23 13-0630 EA 13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,719.62	1,796.69
08 33 23 13-0631 EA 13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,643.91	1,832.62
08 33 23 13-0632 EA 13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,569.65	1,869.28
08 33 23 13-0633 EA 13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,496.84	1,906.66
<b>08 33 23 13-0634 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <i>(08 33 23 13-0561)</i>		
08 33 23 13-0635 EA 14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,187.73	1,609.76
08 33 23 13-0636 EA 14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,109.30	1,640.10
08 33 23 13-0637 EA 14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,030.87	1,670.45
08 33 23 13-0638 EA 14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,950.85	1,700.78
08 33 23 13-0639 EA 14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,874.01	1,731.12
08 33 23 13-0640 EA 14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,795.59	1,761.46
08 33 23 13-0641 EA 14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,709.21	1,791.80
08 33 23 13-0642 EA 14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,633.94	1,827.63
08 33 23 13-0643 EA 14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,559.46	1,864.19
08 33 23 13-0644 EA 14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,486.48	1,901.47
08 33 23 13-0645 EA 14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,414.97	1,939.49
<b>08 33 23 13-0646 15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <i>(08 33 23 13-0561)</i>		
08 33 23 13-0647 EA 15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,105.05	1,641.96
08 33 23 13-0648 EA 15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,029.69	1,672.90
08 33 23 13-0649 EA 15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,950.88	1,703.85
08 33 23 13-0650 EA 15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,873.79	1,734.79
08 33 23 13-0651 EA 15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,796.70	1,765.74
08 33 23 13-0652 EA 15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,719.62	1,796.69
08 33 23 13-0653 EA 15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,633.94	1,827.63
08 33 23 13-0654 EA 15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,559.46	1,864.19
08 33 23 13-0655 EA 15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,486.48	1,901.47
08 33 23 13-0656 EA 15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,414.97	1,939.49
08 33 23 13-0657 EA 15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,344.97	1,978.29
<b>08 33 23 13-0658 16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <i>(08 33 23 13-0561)</i>		
08 33 23 13-0659 EA 16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,023.16	1,674.79
08 33 23 13-0660 EA 16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,949.03	1,706.36
08 33 23 13-0661 EA 16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,871.46	1,737.92
08 33 23 13-0662 EA 16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,795.61	1,769.49
08 33 23 13-0663 EA 16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,719.76	1,801.06
08 33 23 13-0664 EA 16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,643.91	1,832.62
08 33 23 13-0665 EA 16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,559.46	1,864.19
08 33 23 13-0666 EA 16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,486.48	1,901.47
08 33 23 13-0667 EA 16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,414.97	1,939.49
08 33 23 13-0668 EA 16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,344.97	1,978.29
08 33 23 13-0669 EA 16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,278.25	2,017.85
<b>08 33 23 13-0670 17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <i>(08 33 23 13-0561)</i>		
08 33 23 13-0671 EA 17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,942.58	1,708.29
08 33 23 13-0672 EA 17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,869.71	1,740.50
08 33 23 13-0673 EA 17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,793.41	1,772.69
08 33 23 13-0674 EA 17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,718.82	1,804.88
08 33 23 13-0675 EA 17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,644.24	1,837.08
08 33 23 13-0676 EA 17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,569.65	1,869.28
08 33 23 13-0677 EA 17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,486.48	1,901.47
08 33 23 13-0678 EA 17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,414.97	1,939.49
08 33 23 13-0679 EA 17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,344.97	1,978.29
08 33 23 13-0680 EA 17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,278.25	2,017.85
08 33 23 13-0681 EA 17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,211.38	2,058.21
<b>08 33 23 13-0682 18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> <i>(08 33 23 13-0561)</i>		
08 33 23 13-0683 EA 18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,054.11	1,742.46
08 33 23 13-0684 EA 18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,980.82	1,775.29
08 33 23 13-0685 EA 18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,907.51	1,808.13
08 33 23 13-0686 EA 18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,832.48	1,840.99
08 33 23 13-0687 EA 18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,760.92	1,873.82
08 33 23 13-0688 EA 18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,685.89	1,906.66
08 33 23 13-0689 EA 18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,605.74	1,939.49
08 33 23 13-0690 EA 18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,535.73	1,978.29



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 23 13-0691	EA	18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		50,467.29	2,017.85
08 33 23 13-0692	EA	18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		51,400.43	2,058.21
08 33 23 13-0693	EA	18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		52,335.19	2,099.38
<b>08 33 23 13-0694</b>		<b>19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> (08 33 23 13-0561)			
08 33 23 13-0695	EA	19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		44,259.80	1,777.31
08 33 23 13-0696	EA	19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		45,189.53	1,810.81
08 33 23 13-0697	EA	19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		46,115.84	1,844.30
08 33 23 13-0698	EA	19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		47,043.85	1,877.80
08 33 23 13-0699	EA	19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		47,971.86	1,911.30
08 33 23 13-0700	EA	19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		48,899.89	1,944.79
08 33 23 13-0701	EA	19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		49,819.30	1,978.29
08 33 23 13-0702	EA	19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		50,750.86	2,017.85
08 33 23 13-0703	EA	19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		51,684.00	2,058.21
08 33 23 13-0704	EA	19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		52,618.76	2,099.38
08 33 23 13-0705	EA	19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		53,556.89	2,141.37
<b>08 33 23 13-0706</b>		<b>20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)</b> (08 33 23 13-0561)			
08 33 23 13-0707	EA	20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		45,751.71	1,813.22
08 33 23 13-0708	EA	20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		46,683.45	1,846.52
08 33 23 13-0709	EA	20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		47,610.58	1,881.03
08 33 23 13-0710	EA	20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		48,540.61	1,915.54
08 33 23 13-0711	EA	20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		49,469.45	1,950.04
08 33 23 13-0712	EA	20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		50,398.28	1,983.35
08 33 23 13-0713	EA	20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		51,319.72	2,017.85
08 33 23 13-0714	EA	20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		52,253.05	2,058.31
08 33 23 13-0715	EA	20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		53,187.57	2,099.95
08 33 23 13-0716	EA	20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		54,124.48	2,141.59
08 33 23 13-0717	EA	20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)		55,062.57	2,184.43
<b>08 33 23 13-0718</b>		<b>Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)</b> (08 33 23 13-0560)			
<b>08 33 23 13-0719</b>		<b>8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)</b> (08 33 23 13-0718)			
08 33 23 13-0720	EA	8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		32,030.16	951.82
08 33 23 13-0721	EA	8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		32,734.19	972.04
08 33 23 13-0722	EA	8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		33,438.22	992.27
08 33 23 13-0723	EA	8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,139.07	1,012.49
08 33 23 13-0724	EA	8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,843.09	1,032.72
08 33 23 13-0725	EA	8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		35,547.11	1,052.94
08 33 23 13-0726	EA	8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		42,883.68	1,073.18
<b>08 33 23 13-0727</b>		<b>9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)</b> (08 33 23 13-0718)			
08 33 23 13-0728	EA	9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		32,734.19	972.04
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		33,438.22	992.27
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,139.07	1,012.49
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,843.09	1,032.72
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		35,547.11	1,052.94
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		36,251.13	1,073.18
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		43,587.70	1,093.41
<b>08 33 23 13-0735</b>		<b>10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)</b> (08 33 23 13-0718)			
08 33 23 13-0736	EA	10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		33,438.22	992.27
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,139.07	1,012.49
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,843.09	1,032.72
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		35,547.11	1,052.94
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		36,251.13	1,073.18
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		36,955.16	1,093.41
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		44,291.73	1,113.63
<b>08 33 23 13-0743</b>		<b>11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®)</b> (08 33 23 13-0718)			
08 33 23 13-0744	EA	11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,139.07	1,012.49
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		34,843.09	1,032.72
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		35,547.11	1,052.94
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		36,251.13	1,073.18
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)		36,955.16	1,093.41



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0749 EA 11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,659.18	1,113.63
08 33 23 13-0750 EA 11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	44,992.57	1,133.86
<b>08 33 23 13-0751 12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)</b>		
08 33 23 13-0752 EA 12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	34,843.09	1,032.72
08 33 23 13-0753 EA 12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,547.11	1,052.94
08 33 23 13-0754 EA 12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,251.13	1,073.18
08 33 23 13-0755 EA 12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,955.16	1,093.41
08 33 23 13-0756 EA 12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,659.18	1,113.63
08 33 23 13-0757 EA 12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,363.20	1,133.86
08 33 23 13-0758 EA 12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	45,696.60	1,154.08
<b>08 33 23 13-0759 13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)</b>		
08 33 23 13-0760 EA 13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,547.11	1,052.94
08 33 23 13-0761 EA 13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,251.13	1,073.18
08 33 23 13-0762 EA 13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,955.16	1,093.41
08 33 23 13-0763 EA 13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,659.18	1,113.63
08 33 23 13-0764 EA 13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,363.20	1,133.86
08 33 23 13-0765 EA 13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	39,067.24	1,154.08
08 33 23 13-0766 EA 13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	46,400.62	1,174.31
<b>08 33 23 13-0767 14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)</b>		
08 33 23 13-0768 EA 14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	42,883.68	1,073.18
08 33 23 13-0769 EA 14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	43,587.70	1,093.41
08 33 23 13-0770 EA 14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	44,291.73	1,113.63
08 33 23 13-0771 EA 14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	44,992.57	1,133.86
08 33 23 13-0772 EA 14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	45,696.60	1,154.08
08 33 23 13-0773 EA 14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	46,400.62	1,174.31
08 33 23 13-0774 EA 14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	47,104.65	1,194.53
<b>08 33 23 13-0775 Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0560)</b>		
<b>08 33 23 13-0776 8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>		
08 33 23 13-0777 EA 8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	29,756.19	951.82
08 33 23 13-0778 EA 8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	30,460.22	972.04
08 33 23 13-0779 EA 8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,164.24	992.27
08 33 23 13-0780 EA 8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,866.69	1,012.49
08 33 23 13-0781 EA 8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,570.71	1,032.72
08 33 23 13-0782 EA 8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,262.43	1,047.59
08 33 23 13-0783 EA 8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	38,074.10	1,052.94
<b>08 33 23 13-0784 9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>		
08 33 23 13-0785 EA 9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	30,460.22	972.04
08 33 23 13-0786 EA 9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,164.24	992.27
08 33 23 13-0787 EA 9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,866.69	1,012.49
08 33 23 13-0788 EA 9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,570.71	1,032.72
08 33 23 13-0789 EA 9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,273.14	1,052.94
08 33 23 13-0790 EA 9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,961.69	1,065.45
08 33 23 13-0791 EA 9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	36,394.35	1,073.18
<b>08 33 23 13-0792 10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>		
08 33 23 13-0793 EA 10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,164.24	992.27
08 33 23 13-0794 EA 10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,866.69	1,012.49
08 33 23 13-0795 EA 10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,570.71	1,032.72
08 33 23 13-0796 EA 10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,273.14	1,052.94
08 33 23 13-0797 EA 10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,977.16	1,073.18
08 33 23 13-0798 EA 10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	34,670.48	1,088.05
08 33 23 13-0799 EA 10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	37,295.70	1,093.41
<b>08 33 23 13-0800 11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>		
08 33 23 13-0801 EA 11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	31,866.69	1,012.49
08 33 23 13-0802 EA 11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	32,570.71	1,032.72
08 33 23 13-0803 EA 11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	33,273.14	1,052.94

**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 23	13-0804	EA	11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,977.16	1,073.18
08 33 23	13-0805	EA	11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,681.19	1,093.41
08 33 23	13-0806	EA	11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,374.50	1,108.27
08 33 23	13-0807	EA	11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,197.04	1,113.63
<b>08 33 23 13-0808 12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>					
08 33 23	13-0809	EA	12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,570.71	1,032.72
08 33 23	13-0810	EA	12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,273.14	1,052.94
08 33 23	13-0811	EA	12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,977.16	1,073.18
08 33 23	13-0812	EA	12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,681.19	1,093.41
08 33 23	13-0813	EA	12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,385.21	1,113.63
08 33 23	13-0814	EA	12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,076.15	1,127.31
08 33 23	13-0815	EA	12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,098.38	1,133.86
<b>08 33 23 13-0816 13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>					
08 33 23	13-0817	EA	13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,273.14	1,052.94
08 33 23	13-0818	EA	13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,977.16	1,073.18
08 33 23	13-0819	EA	13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,681.19	1,093.41
08 33 23	13-0820	EA	13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,385.21	1,113.63
08 33 23	13-0821	EA	13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,089.23	1,133.86
08 33 23	13-0822	EA	13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,781.37	1,148.13
08 33 23	13-0823	EA	13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,999.74	1,154.08
<b>08 33 23 13-0824 14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)</b>					
08 33 23	13-0825	EA	14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	38,114.55	1,073.18
08 33 23	13-0826	EA	14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,015.89	1,093.41
08 33 23	13-0827	EA	14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,917.24	1,113.63
08 33 23	13-0828	EA	14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	40,816.99	1,133.86
08 33 23	13-0829	EA	14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,719.94	1,154.08
08 33 23	13-0830	EA	14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,610.58	1,168.95
08 33 23	13-0831	EA	14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	42,621.28	1,174.31
<b>08 33 23 13-0832 Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0560)</b>					
<b>08 33 23 13-0833 8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>					
08 33 23	13-0834	EA	8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	39,860.77	951.82
08 33 23	13-0835	EA	8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,755.37	972.04
08 33 23	13-0836	EA	8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,648.25	992.27
08 33 23	13-0837	EA	8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,013.76	1,012.49
08 33 23	13-0838	EA	8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,380.97	1,032.72
08 33 23	13-0839	EA	8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,748.18	1,052.94
08 33 23	13-0840	EA	8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,115.40	1,073.18
<b>08 33 23 13-0841 9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>					
08 33 23	13-0842	EA	9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	40,755.37	972.04
08 33 23	13-0843	EA	9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,648.25	992.27
08 33 23	13-0844	EA	9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,541.14	1,012.49
08 33 23	13-0845	EA	9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,908.35	1,032.72
08 33 23	13-0846	EA	9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	45,273.85	1,052.94
08 33 23	13-0847	EA	9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,641.06	1,073.18
08 33 23	13-0848	EA	9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,016.87	1,093.41
<b>08 33 23 13-0849 10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>					
08 33 23	13-0850	EA	10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	41,648.25	992.27
08 33 23	13-0851	EA	10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,541.14	1,012.49
08 33 23	13-0852	EA	10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	43,434.02	1,032.72
08 33 23	13-0853	EA	10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	44,801.23	1,052.94
08 33 23	13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	46,166.73	1,073.18
08 33 23	13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	47,533.94	1,093.41
08 33 23	13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	48,918.34	1,113.63
<b>08 33 23 13-0857 11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>					
08 33 23	13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®)	42,541.14	1,012.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0859 EA 11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	43,434.02	1,032.72
08 33 23 13-0860 EA 11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	44,326.90	1,052.94
08 33 23 13-0861 EA 11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,694.11	1,073.18
08 33 23 13-0862 EA 11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,061.33	1,093.41
08 33 23 13-0863 EA 11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,426.82	1,113.63
08 33 23 13-0864 EA 11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,818.10	1,133.86
<b>08 33 23 13-0865 12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>		
08 33 23 13-0866 EA 12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	43,434.02	1,032.72
08 33 23 13-0867 EA 12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	44,326.90	1,052.94
08 33 23 13-0868 EA 12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,219.78	1,073.18
08 33 23 13-0869 EA 12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,586.99	1,093.41
08 33 23 13-0870 EA 12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,954.20	1,113.63
08 33 23 13-0871 EA 12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,319.70	1,133.86
08 33 23 13-0872 EA 12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,721.30	1,154.08
<b>08 33 23 13-0873 13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>		
08 33 23 13-0874 EA 13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	44,326.90	1,052.94
08 33 23 13-0875 EA 13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,219.78	1,073.18
08 33 23 13-0876 EA 13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,112.65	1,093.41
08 33 23 13-0877 EA 13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,479.87	1,113.63
08 33 23 13-0878 EA 13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,847.08	1,133.86
08 33 23 13-0879 EA 13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,214.31	1,154.08
08 33 23 13-0880 EA 13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,622.77	1,174.31
<b>08 33 23 13-0881 14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)</b>		
08 33 23 13-0882 EA 14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,219.78	1,073.18
08 33 23 13-0883 EA 14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,112.65	1,093.41
08 33 23 13-0884 EA 14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,005.53	1,113.63
08 33 23 13-0885 EA 14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,372.75	1,133.86
08 33 23 13-0886 EA 14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,739.97	1,154.08
08 33 23 13-0887 EA 14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,107.19	1,174.31
08 33 23 13-0888 EA 14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	52,515.65	1,194.53
<b>08 33 23 13-0889 Rytec® Spiral® Door Options (08 33 23 13-0560)</b>		
08 33 23 13-0890 EA Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	517.17	
Note: Per door price.		
08 33 23 13-0891 EA Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	350.09	
Note: Maximum of 4 per door.		
08 33 23 13-0892 EA >13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors.....	517.17	
Note: Maximum of 4 per door.		
08 33 23 13-0893 EA Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	350.09	
Note: Maximum of 4 per door.		
08 33 23 13-0894 EA >13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors.....	517.17	
Note: Maximum of 4 per door.		
08 33 23 13-0895 EA Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors.....	978.28	59.48
08 33 23 13-0896 EA Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	2,815.87	118.98
08 33 23 13-0897 EA >13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	5,051.65	118.98
08 33 23 13-0898 EA >16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors.....	5,743.86	118.98
08 33 23 13-0899 EA Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors.....	601.51	
<b>08 33 23 13-0900 Activation And Control Box Options For High Speed Doors (08 33 23 13)</b>		
08 33 23 13-0901 EA Pull Cord For High-Speed Rolling Doors.....	246.28	59.48
08 33 23 13-0902 EA Emergency Stop, Pushbutton Control For High-Speed Rolling Doors.....	186.78	29.74
08 33 23 13-0903 EA NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors.....	234.52	29.74
08 33 23 13-0904 EA On/Off Selector Switch, Remote Control For High-Speed Rolling Doors.....	162.91	29.74
08 33 23 13-0905 EA On/Off Key Switch, Remote Control For High-Speed Rolling Doors.....	250.44	29.74
08 33 23 13-0906 EA Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors.....	409.57	29.74
08 33 23 13-0907 EA Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors.....	449.35	29.74
08 33 23 13-0908 EA Radio Control For High-Speed Rolling Doors.....	695.63	53.54
Note: Includes one receiver and two transmitters.		
08 33 23 13-0909 EA Floor Loop For High-Speed Rolling Doors.....	933.59	
Note: Excludes sealant.		
08 33 23 13-0910 EA Reflective Type Photo Eye For High-Speed Rolling Doors.....	599.69	53.54
08 33 23 13-0911 EA Thru-Beam Type Photo Eye For High-Speed Rolling Doors.....	783.15	53.54
08 33 23 13-0912 EA Motion Detector For High-Speed Rolling Doors.....	676.07	35.69
08 33 23 13-0913 EA Remote Warning Horn For High-Speed Rolling Doors.....	469.07	59.48
Note: Includes wall box and mounting hardware.		
08 33 23 13-0914 EA Remote Strobe Light For High-Speed Rolling Doors.....	636.15	59.48
Note: Includes wall box and mounting hardware.		
08 33 23 13-0915 EA Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	723.67	59.48
Note: Includes wall box and mounting hardware.		



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 33 23 13-0916 EA Red And Green Red Light For High-Speed Rolling Doors .....898.72 59.48  
 Note: Includes mounting hardware.

**08 33 26 Overhead Coiling Grilles (08 33)**

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.  
 Excludes lifting equipment (forklift or scissor lift) where required.

**08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) (08 33 26)**

08 33 26 00-0002	EA	4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,089.73	280.14
		<i>For Lexan Lattice Pattern, Add</i>	193.50	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	200.54	
		<i>For Staggered Brick Pattern, Add</i>	271.46	
08 33 26 00-0003	EA	6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,319.90	280.14
		<i>For Lexan Lattice Pattern, Add</i>	228.02	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	300.81	
		<i>For Staggered Brick Pattern, Add</i>	367.64	
08 33 26 00-0004	EA	8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,809.75	350.18
		<i>For Lexan Lattice Pattern, Add</i>	271.24	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	401.08	
		<i>For Staggered Brick Pattern, Add</i>	463.82	
08 33 26 00-0005	EA	12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,141.69	350.18
		<i>For Lexan Lattice Pattern, Add</i>	321.03	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	436.11	
		<i>For Staggered Brick Pattern, Add</i>	656.17	
08 33 26 00-0006	EA	16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,426.81	560.29
		<i>For Lexan Lattice Pattern, Add</i>	423.52	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	802.15	
		<i>For Staggered Brick Pattern, Add</i>	925.35	
08 33 26 00-0007	EA	20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,503.71	700.35
		<i>For Lexan Lattice Pattern, Add</i>	526.01	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,002.69	
		<i>For Staggered Brick Pattern, Add</i>	1,194.52	
08 33 26 00-0008	EA	24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,884.04	840.42
		<i>For Lexan Lattice Pattern, Add</i>	672.71	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,203.23	
		<i>For Staggered Brick Pattern, Add</i>	1,343.69	
08 33 26 00-0009	EA	30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,393.05	1,027.18
		<i>For Lexan Lattice Pattern, Add</i>	820.14	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,393.61	
		<i>For Staggered Brick Pattern, Add</i>	1,465.47	
08 33 26 00-0010	EA	4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,256.56	280.14
		<i>For Lexan Lattice Pattern, Add</i>	218.52	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	250.67	
		<i>For Staggered Brick Pattern, Add</i>	322.50	
08 33 26 00-0011	EA	6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,561.61	280.14
		<i>For Lexan Lattice Pattern, Add</i>	264.28	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	376.00	
		<i>For Staggered Brick Pattern, Add</i>	457.97	
08 33 26 00-0012	EA	8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,076.36	350.18
		<i>For Lexan Lattice Pattern, Add</i>	311.68	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	501.35	
		<i>For Staggered Brick Pattern, Add</i>	593.43	
08 33 26 00-0013	EA	12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,492.07	350.18
		<i>For Lexan Lattice Pattern, Add</i>	374.03	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	752.02	
		<i>For Staggered Brick Pattern, Add</i>	864.37	
08 33 26 00-0014	EA	16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,888.85	560.29
		<i>For Lexan Lattice Pattern, Add</i>	492.82	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,002.69	
		<i>For Staggered Brick Pattern, Add</i>	1,191.85	
08 33 26 00-0015	EA	20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,074.38	700.35
		<i>For Lexan Lattice Pattern, Add</i>	611.61	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,253.36	
		<i>For Staggered Brick Pattern, Add</i>	1,519.31	
08 33 26 00-0016	EA	24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,573.53	840.42
		<i>For Lexan Lattice Pattern, Add</i>	776.14	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,504.22	
		<i>For Staggered Brick Pattern, Add</i>	1,759.48	
08 33 26 00-0017	EA	30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,457.71	1,027.18
		<i>For Lexan Lattice Pattern, Add</i>	979.84	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,761.22	
		<i>For Staggered Brick Pattern, Add</i>	1,971.02	
08 33 26 00-0018	EA	4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,447.61	280.14
		<i>For Lexan Lattice Pattern, Add</i>	247.18	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	300.81	
		<i>For Staggered Brick Pattern, Add</i>	372.80	
08 33 26 00-0019	EA	6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,502.91	280.14
		<i>For Lexan Lattice Pattern, Add</i>	255.47	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	451.21	
		<i>For Staggered Brick Pattern, Add</i>	546.78	
08 33 26 00-0020	EA	8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,060.88	350.18
		<i>For Lexan Lattice Pattern, Add</i>	308.91	
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	601.60	
		<i>For Staggered Brick Pattern, Add</i>	720.76	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0021 EA 12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	3,892.17 433.60 902.39 1,068.73	350.18
08 33 26 00-0022 EA 16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	5,541.98 590.79 1,203.21 1,485.85	560.29
08 33 26 00-0023 EA 20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	6,983.56 747.98 1,504.03 1,902.95	700.35
08 33 26 00-0024 EA 24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	8,457.09 908.67 1,804.84 2,012.11	840.42
08 33 26 00-0025 EA 30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	10,509.60 1,137.62 2,091.54 2,192.22	1,027.18
08 33 26 00-0026 EA 4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	2,789.31 298.43 350.81 689.53	280.14
08 33 26 00-0027 EA 6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	3,162.37 354.39 526.32 846.65	280.14
08 33 26 00-0028 EA 8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	3,738.30 410.97 701.82 985.86	350.18
08 33 26 00-0029 EA 12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	4,522.00 528.52 1,052.82 1,250.14	350.18
08 33 26 00-0030 EA 16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	6,193.63 688.54 1,403.77 1,672.46	560.29
08 33 26 00-0031 EA 20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	7,654.06 848.56 1,754.70 2,094.78	700.35
08 33 26 00-0032 EA 24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	9,153.24 1,013.09 2,105.64 2,375.72	840.42
08 33 26 00-0033 EA 30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	11,643.71 1,307.74 2,485.73 2,714.37	1,027.18
<b>08 33 26 00-0034 Coiling Grilles Accessories (08 33 26)</b>		
08 33 26 00-0035 LF For Overhead Framed Rolling Grille Supports.....	117.55	
<b>08 33 36 Side Coiling Grilles (08 33)</b>		
<b>08 33 36 00-0001 Galvanized Steel Side Coiling Grilles (Width x Height) (08 33 36)</b>		
08 33 36 00-0002 EA 12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	4,260.39 303.32 601.61 656.17	783.33
08 33 36 00-0003 EA 18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	5,844.01 445.35 922.82 1,050.97	1,006.24
08 33 36 00-0004 EA 24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	7,524.60 584.94 1,203.23 1,343.69	1,268.77
08 33 36 00-0005 EA 30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	8,878.09 731.17 1,393.61 1,465.47	1,400.71
08 33 36 00-0006 EA 12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	5,077.52 378.88 752.02 864.37	893.12
08 33 36 00-0007 EA 18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated ..... For Lexan Lattice Pattern, Add ..... For Aluminum With Clear Or Anodized Bronze Finish, Add ..... For Staggered Brick Pattern, Add .....	6,992.74 557.02 1,107.53 1,312.53	1,147.11



**08 Openings****08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0008	EA		24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated .....	8,918.47	1,445.93
			<i>For Lexan Lattice Pattern, Add</i> .....	717.88	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,504.22	
			<i>For Staggered Brick Pattern, Add</i> .....	1,759.48	
08 33 36 00-0009	EA		30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated .....	10,672.39	1,596.80
			<i>For Lexan Lattice Pattern, Add</i> .....	913.70	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,761.22	
			<i>For Staggered Brick Pattern, Add</i> .....	1,971.02	
08 33 36 00-0010	EA		12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated .....	5,906.94	1,006.24
			<i>For Lexan Lattice Pattern, Add</i> .....	454.79	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	902.39	
			<i>For Staggered Brick Pattern, Add</i> .....	1,068.73	
08 33 36 00-0011	EA		18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated .....	8,154.65	1,292.39
			<i>For Lexan Lattice Pattern, Add</i> .....	667.36	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,332.39	
			<i>For Staggered Brick Pattern, Add</i> .....	1,629.53	
08 33 36 00-0012	EA		24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated .....	10,481.34	1,629.49
			<i>For Lexan Lattice Pattern, Add</i> .....	877.41	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,804.84	
			<i>For Staggered Brick Pattern, Add</i> .....	2,012.11	
08 33 36 00-0013	EA		30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated .....	12,450.42	1,797.57
			<i>For Lexan Lattice Pattern, Add</i> .....	1,096.76	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	2,091.54	
			<i>For Staggered Brick Pattern, Add</i> .....	2,192.22	
08 33 36 00-0014	EA		12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated .....	6,721.28	1,112.56
			<i>For Lexan Lattice Pattern, Add</i> .....	531.76	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,052.82	
			<i>For Staggered Brick Pattern, Add</i> .....	1,250.14	
08 33 36 00-0015	EA		18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated .....	9,310.84	1,428.72
			<i>For Lexan Lattice Pattern, Add</i> .....	779.03	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	1,522.76	
			<i>For Staggered Brick Pattern, Add</i> .....	1,810.52	
08 33 36 00-0016	EA		24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated .....	11,955.07	1,801.30
			<i>For Lexan Lattice Pattern, Add</i> .....	1,023.64	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	2,105.64	
			<i>For Staggered Brick Pattern, Add</i> .....	2,375.72	
08 33 36 00-0017	EA		30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated .....	14,207.37	1,989.00
			<i>For Lexan Lattice Pattern, Add</i> .....	1,278.89	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> .....	2,485.73	
			<i>For Staggered Brick Pattern, Add</i> .....	2,714.37	

**08 34 Special Function Doors** (08 30)**08 34 23 Sidewalk and Basement Doors** (08 34)**08 34 23 00-0001 Drainage Doors** (08 34 23)**08 34 23 00-0002 Single Leaf Aluminum Drainage Doors** (08 34 23 00-0001)

Note: Bilco - J Series.

08 34 23 00-0003	EA		2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	1,220.56	211.90
08 34 23 00-0004	EA		2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	1,492.82	221.42
08 34 23 00-0005	EA		3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	1,583.39	226.17
08 34 23 00-0006	EA		3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	1,742.28	230.93
08 34 23 00-0007	EA		3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,025.67	242.83
08 34 23 00-0008	EA		2'-6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,062.88	237.24
08 34 23 00-0009	EA		3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,291.22	242.83
08 34 23 00-0010	EA		2'-6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,390.62	248.43
08 34 23 00-0011	EA		3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,618.99	254.01
08 34 23 00-0012	EA		3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	3,034.95	268.29

**08 34 23 00-0013 Double Leaf Aluminum Drainage Doors** (08 34 23 00-0001)

Note: Bilco - JD Series.

08 34 23 00-0014	EA		4' x 2'-6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,442.24	237.24
08 34 23 00-0015	EA		4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	2,565.88	254.01
08 34 23 00-0016	EA		4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	3,246.05	282.57
08 34 23 00-0017	EA		5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door .....	3,337.09	282.57

**08 34 23 00-0018 Single Leaf Aluminum H2O Drainage Doors** (08 34 23 00-0001)

Note: Bilco - J H2O Series.

08 34 23 00-0019	EA		2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	1,926.18	211.90
08 34 23 00-0020	EA		2'-6" x 2'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	2,243.96	221.42
08 34 23 00-0021	EA		3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	2,440.79	226.17
08 34 23 00-0022	EA		3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	2,759.02	230.93
08 34 23 00-0023	EA		3'-6" x 3'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	3,186.57	242.83

**08 34 23 00-0024 Double Leaf Aluminum H2O Drainage Doors** (08 34 23 00-0001)

Note: Bilco - JD H2O Series.

08 34 23 00-0025	EA		4' x 2'-6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	3,185.79	237.24
08 34 23 00-0026	EA		4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	4,250.25	254.01
08 34 23 00-0027	EA		4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	6,030.57	282.57



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0028 EA 5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door .....	5,681.55	282.57
<b>08 34 23 00-0029 Single Leaf Steel Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - J Series.		
08 34 23 00-0030 EA 2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door .....	1,941.01	211.90
08 34 23 00-0031 EA 2'-6" x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,039.47	221.42
08 34 23 00-0032 EA 3' x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,275.05	226.17
08 34 23 00-0033 EA 3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,522.69	230.93
08 34 23 00-0034 EA 3'-6" x 3'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,937.34	242.83
08 34 23 00-0035 EA 2'-6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	2,796.75	237.24
08 34 23 00-0036 EA 3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,189.85	242.83
08 34 23 00-0037 EA 2'-6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,174.15	248.43
08 34 23 00-0038 EA 3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,543.23	254.01
08 34 23 00-0039 EA 3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,781.10	268.29
<b>08 34 23 00-0040 Double Leaf Steel Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - JD Series.		
08 34 23 00-0041 EA 4' x 2'-6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,446.09	237.24
08 34 23 00-0042 EA 4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	3,615.38	254.01
08 34 23 00-0043 EA 4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	4,511.97	282.57
08 34 23 00-0044 EA 5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door .....	4,644.24	282.57
<b>08 34 23 00-0045 Single Leaf Steel H2O Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - J H2O Series.		
08 34 23 00-0046 EA 2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	3,335.87	211.90
08 34 23 00-0047 EA 2'-6" x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	3,530.53	221.42
08 34 23 00-0048 EA 3' x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	3,657.92	226.17
08 34 23 00-0049 EA 3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	4,314.40	230.93
08 34 23 00-0050 EA 3'-6" x 3'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	5,089.80	242.83
<b>08 34 23 00-0051 Double Leaf Steel H2O Drainage Doors</b> (08 34 23 00-0001) Note: Bilco - JD H2O Series.		
08 34 23 00-0052 EA 4' x 2'-6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	5,610.52	237.24
08 34 23 00-0053 EA 4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	6,272.83	254.01
08 34 23 00-0054 EA 4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	9,333.86	282.57
08 34 23 00-0055 EA 5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door .....	9,093.36	282.57
<b>08 34 23 00-0056 Single Leaf Aluminum Drainage Door</b> (08 34 23 00-0001) Note: Bilco - J-R Series (Odor Resistant).		
08 34 23 00-0057 EA 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	3,169.12	211.90
08 34 23 00-0058 EA 2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	3,810.45	221.42
08 34 23 00-0059 EA 3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	4,055.56	226.17
08 34 23 00-0060 EA 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	4,305.29	230.93
08 34 23 00-0061 EA 3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant .....	4,899.82	242.83
<b>08 34 23 00-0062 Non-Drainage Doors</b> (08 34 23) <b>08 34 23 00-0063 Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - Q Series.		
08 34 23 00-0064 EA 2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,175.14	211.90
08 34 23 00-0065 EA 2' 6" x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,416.95	221.42
08 34 23 00-0066 EA 3' x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,515.18	226.17
08 34 23 00-0067 EA 3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,575.40	230.93
08 34 23 00-0068 EA 3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,972.56	242.83
08 34 23 00-0069 EA 2'-6" x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,782.19	237.24
08 34 23 00-0070 EA 3' x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,987.73	242.83
08 34 23 00-0071 EA 2'-6" x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,223.56	248.43
08 34 23 00-0072 EA 3' x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,353.53	254.01
08 34 23 00-0073 EA 3' x 6' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,671.08	268.29
<b>08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - K Series.		
08 34 23 00-0075 EA 2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	970.28	211.90
08 34 23 00-0076 EA 2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,158.98	221.42
08 34 23 00-0077 EA 3' x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,279.98	226.17
08 34 23 00-0078 EA 3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,362.96	230.93
08 34 23 00-0079 EA 3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	1,578.02	242.83
<b>08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - QD Series.		
08 34 23 00-0081 EA 4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,252.60	237.24

**08 Openings****08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0082			<b>Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - KD Series.		
08 34 23 00-0083	EA		4' x 4' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,163.85	254.01
08 34 23 00-0084	EA		4' x 6' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	3,026.14	282.57
08 34 23 00-0085	EA		5' x 5' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	3,086.83	282.57
08 34 23 00-0086			<b>Single Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - T Series.		
08 34 23 00-0087	EA		2' x 2' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	1,061.33	211.90
08 34 23 00-0088	EA		2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	1,234.85	221.42
08 34 23 00-0089	EA		3' x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	1,317.92	226.17
08 34 23 00-0090	EA		3' x 3' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	1,438.83	230.93
08 34 23 00-0091	EA		3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	1,676.65	242.83
08 34 23 00-0092			<b>Double Leaf Aluminum Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - TD Series.		
08 34 23 00-0093	EA		4' x 4' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	2,292.84	254.01
08 34 23 00-0094	EA		4' x 6' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	3,185.47	282.57
08 34 23 00-0095	EA		5' x 5' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering .....	3,230.99	282.57
08 34 23 00-0096			<b>Single Leaf Steel Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - Q Series.		
08 34 23 00-0097	EA		2' x 2' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door .....	1,315.83	211.90
08 34 23 00-0098	EA		2'-6" x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door .....	1,474.31	221.42
08 34 23 00-0099	EA		3' x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door .....	1,661.87	226.17
08 34 23 00-0100	EA		3' x 3' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door .....	1,765.18	230.93
08 34 23 00-0101			<b>Double Leaf Steel Non-Drainage Doors</b> (08 34 23 00-0062) Note: Bilco - QD Series.		
08 34 23 00-0102	EA		4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door .....	2,688.53	237.24
08 34 23 00-0103			<b>Basement Doors</b> (08 34 23) Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0104	EA		45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal .....	1,783.77	267.70
08 34 23 00-0105	EA		30" High x 47" Wide x 58" Long, Basement Door .....	1,499.95	202.86
08 34 23 00-0106	EA		22" High x 51" Wide x 64" Long, Basement Door .....	1,557.26	223.08
08 34 23 00-0107	EA		19-1/2" High x 55" Wide x 72" Long, Basement Door .....	1,664.00	237.96
08 34 23 00-0108	EA		52" High x 51" Wide x 43-1/4" Long, Basement Door .....	1,841.30	267.70
08 34 53			<b>Security Doors and Frames</b> (08 34)		
08 34 53 00-0001			<b>Metal Security Doors, Bullet Resistant</b> (08 34 53) Note: Includes door, frame, hardware hinges, lockset and cylinder, all UL 753 Listed.		
08 34 53 00-0002	SF		Metal Security Door .....	83.44	10.94
08 34 53 00-0003	EA		Up To 3' x 7' (.38 caliber) Medium-Small Arms Metal Security Door .....	3,401.31	546.27
08 34 53 00-0004	EA		Up To 3' x 7' (.44 caliber) Super-Small Arms Metal Security Door .....	4,020.29	579.89
08 34 53 00-0005			<b>Metal Security Doors</b> (08 34 53) Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0006	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O) .....	1,162.04	100.05
			Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0007	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O) .....	1,162.04	100.05
			Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0008	EA		Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O) .....	1,643.03	100.05
			Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		
08 34 73			<b>Sound Control Door Assemblies</b> (08 34)		
08 34 73 13			<b>Metal Sound Control Door Assemblies</b> (08 34 73)		
08 34 73 13-0001			<b>Steel Acoustical Door Assembly</b> (08 34 73 13) Note: Includes seal.		
08 34 73 13-0002			<b>Steel Acoustical Doors</b> (08 34 73 13-0001) Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 34 73 13-0003	EA		3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) ..... 4,657.42		214.16
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Accent Window Vision Lite, Add	1,685.16	
				For Half Window Vision Lite, Add	1,744.23	
				For Full Window Vision Lite, Add	1,803.30	
				For 8' Height, Add	572.13	
				For 45 Minutes Fire Rated, Add	240.90	
				For 60 Minutes Fire Rated, Add	361.34	
				For 90 Minutes Fire Rated, Add	602.24	
				For 120 Minutes Fire Rated, Add	843.14	
				For 45 STC Rating, Deduct	-1,007.75	
				For 48 STC Rating, Deduct	-722.69	
				For 52 STC Rating, Add	562.09	
				For 55 STC Rating, Add	1,525.68	
	08 34 73 13-0004	EA		3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) ..... 4,926.70		223.08
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Accent Window Vision Lite, Add	1,685.16	
				For Half Window Vision Lite, Add	1,744.23	
				For Full Window Vision Lite, Add	1,803.30	
				For 8' Height, Add	606.69	
				For 45 Minutes Fire Rated, Add	255.45	
				For 60 Minutes Fire Rated, Add	383.17	
				For 90 Minutes Fire Rated, Add	638.62	
				For 120 Minutes Fire Rated, Add	894.07	
				For 45 STC Rating, Deduct	-1,068.62	
				For 48 STC Rating, Deduct	-766.34	
				For 52 STC Rating, Add	596.04	
				For 55 STC Rating, Add	1,617.83	
	08 34 73 13-0005	EA		4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) ..... 5,222.76		240.93
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Accent Window Vision Lite, Add	1,685.16	
				For Half Window Vision Lite, Add	1,744.23	
				For Full Window Vision Lite, Add	1,803.30	
				For 8' Height, Add	641.25	
				For 45 Minutes Fire Rated, Add	270.00	
				For 60 Minutes Fire Rated, Add	405.00	
				For 90 Minutes Fire Rated, Add	675.00	
				For 120 Minutes Fire Rated, Add	944.99	
				For 45 STC Rating, Deduct	-1,129.49	
				For 48 STC Rating, Deduct	-809.99	
				For 52 STC Rating, Add	630.00	
				For 55 STC Rating, Add	1,709.99	
	08 34 73 13-0006	PR		Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated) ..... 9,250.59		406.90
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Pair Accent Window Vision Lites, Add	3,370.31	
				For Pair Half Window Vision Lites, Add	3,488.46	
				For Pair Full Window Vision Lites, Add	3,606.61	
				For 8' Height, Add	1,144.26	
				For 45 Minutes Fire Rated, Add	481.79	
				For 60 Minutes Fire Rated, Add	722.69	
				For 90 Minutes Fire Rated, Add	1,204.48	
				For 120 Minutes Fire Rated, Add	1,686.27	
				For 45 STC Rating, Deduct	-2,015.50	
				For 48 STC Rating, Deduct	-1,445.38	
				For 52 STC Rating, Add	1,124.18	
				For 55 STC Rating, Add	3,051.35	
	08 34 73 13-0007	PR		Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) ..... 9,746.33		410.47
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Pair Accent Window Vision Lites, Add	3,370.31	
				For Pair Half Window Vision Lites, Add	3,488.46	
				For Pair Full Window Vision Lites, Add	3,606.61	
				For 8' Height, Add	1,213.37	
				For 45 Minutes Fire Rated, Add	510.89	
				For 60 Minutes Fire Rated, Add	766.34	
				For 90 Minutes Fire Rated, Add	1,277.24	
				For 120 Minutes Fire Rated, Add	1,788.13	
				For 45 STC Rating, Deduct	-2,137.24	
				For 48 STC Rating, Deduct	-1,532.68	
				For 52 STC Rating, Add	1,192.09	
				For 55 STC Rating, Add	3,235.67	
	08 34 73 13-0008	EA		3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated) ..... 5,231.56		134.45
				Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
				For Accent Window Vision Lite, Add	1,685.16	
				For Half Window Vision Lite, Add	1,744.23	
				For Full Window Vision Lite, Add	1,803.30	
				For 8' Height, Add	649.37	
				For 45 Minutes Fire Rated, Add	273.42	
				For 60 Minutes Fire Rated, Add	410.13	
				For 90 Minutes Fire Rated, Add	683.54	
				For 120 Minutes Fire Rated, Add	956.96	
				For 45 STC Rating, Deduct	-1,143.80	
				For 48 STC Rating, Deduct	-820.25	
				For 52 STC Rating, Add	637.97	
				For 55 STC Rating, Add	1,731.64	

**08 Openings****08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 34 73 13-0009	EA 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	5,534.18	234.38
	Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
	For Accent Window Vision Lite, Add	1,685.16	
	For Half Window Vision Lite, Add	1,744.23	
	For Full Window Vision Lite, Add	1,803.30	
	For 8' Height, Add	688.59	
	For 45 Minutes Fire Rated, Add	289.93	
	For 60 Minutes Fire Rated, Add	434.90	
	For 90 Minutes Fire Rated, Add	724.83	
	For 120 Minutes Fire Rated, Add	1,014.76	
	For 45 STC Rating, Deduct	-1,212.88	
	For 48 STC Rating, Deduct	-869.80	
	For 52 STC Rating, Add	676.51	
	For 55 STC Rating, Add	1,836.24	
08 34 73 13-0010	EA 4' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	5,866.54	253.42
	Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
	For Accent Window Vision Lite, Add	1,685.16	
	For Half Window Vision Lite, Add	1,744.23	
	For Full Window Vision Lite, Add	1,803.30	
	For 8' Height, Add	727.81	
	For 45 Minutes Fire Rated, Add	306.45	
	For 60 Minutes Fire Rated, Add	459.67	
	For 90 Minutes Fire Rated, Add	766.12	
	For 120 Minutes Fire Rated, Add	1,072.57	
	For 45 STC Rating, Deduct	-1,281.97	
	For 48 STC Rating, Deduct	-919.34	
	For 52 STC Rating, Add	715.04	
	For 55 STC Rating, Add	1,940.83	
08 34 73 13-0011	PR Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated).....	9,853.28	427.13
	Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
	For Pair Accent Window Vision Lites, Add	3,370.31	
	For Pair Half Window Vision Lites, Add	3,488.46	
	For Pair Full Window Vision Lites, Add	3,606.61	
	For 8' Height, Add	1,221.50	
	For 45 Minutes Fire Rated, Add	514.31	
	For 60 Minutes Fire Rated, Add	771.47	
	For 90 Minutes Fire Rated, Add	1,285.79	
	For 120 Minutes Fire Rated, Add	1,800.10	
	For 45 STC Rating, Deduct	-2,151.55	
	For 48 STC Rating, Deduct	-1,542.94	
	For 52 STC Rating, Add	1,200.07	
	For 55 STC Rating, Add	3,257.32	
08 34 73 13-0012	PR Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	10,382.96	430.69
	Note: Excludes steel acoustical doorframe See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
	For Pair Accent Window Vision Lites, Add	3,370.31	
	For Pair Half Window Vision Lites, Add	3,488.46	
	For Pair Full Window Vision Lites, Add	3,606.61	
	For 8' Height, Add	1,295.28	
	For 45 Minutes Fire Rated, Add	545.38	
	For 60 Minutes Fire Rated, Add	818.07	
	For 90 Minutes Fire Rated, Add	1,363.45	
	For 120 Minutes Fire Rated, Add	1,908.83	
	For 45 STC Rating, Deduct	-2,281.51	
	For 48 STC Rating, Deduct	-1,636.14	
	For 52 STC Rating, Add	1,272.55	
	For 55 STC Rating, Add	3,454.07	
<b>08 34 73 13-0013</b>	<b>Steel Acoustical Door Frames</b> <small>(08 34 73 13-0001)</small>		
	Note: Includes threshold and rating up to STC 55.		
08 34 73 13-0014	EA 3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,307.72	118.98
	For 8' Height, Add	325.66	
	For 45 Minutes Fire Rated, Add	198.23	
	For 60 Minutes Fire Rated, Add	339.82	
	For 90 Minutes Fire Rated, Add	481.41	
	For 120 Minutes Fire Rated, Add	679.63	
08 34 73 13-0015	EA 3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,387.93	118.98
	For 8' Height, Add	334.88	
	For 45 Minutes Fire Rated, Add	203.84	
	For 60 Minutes Fire Rated, Add	349.44	
	For 90 Minutes Fire Rated, Add	495.04	
	For 120 Minutes Fire Rated, Add	698.88	
08 34 73 13-0016	EA 3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,468.15	118.98
	For 8' Height, Add	344.11	
	For 45 Minutes Fire Rated, Add	209.46	
	For 60 Minutes Fire Rated, Add	359.07	
	For 90 Minutes Fire Rated, Add	508.68	
	For 120 Minutes Fire Rated, Add	718.14	
08 34 73 13-0017	EA 3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,548.37	118.98
	For 8' Height, Add	353.33	
	For 45 Minutes Fire Rated, Add	215.07	
	For 60 Minutes Fire Rated, Add	368.70	
	For 90 Minutes Fire Rated, Add	522.32	
	For 120 Minutes Fire Rated, Add	737.39	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0018 EA 3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	3,773.18	130.88
For 8' Height, Add	373.71	
For 45 Minutes Fire Rated, Add	227.48	
For 60 Minutes Fire Rated, Add	389.96	
For 90 Minutes Fire Rated, Add	552.45	
For 120 Minutes Fire Rated, Add	779.92	
08 34 73 13-0019 EA 3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	3,862.72	130.88
For 8' Height, Add	384.01	
For 45 Minutes Fire Rated, Add	233.75	
For 60 Minutes Fire Rated, Add	400.71	
For 90 Minutes Fire Rated, Add	567.67	
For 120 Minutes Fire Rated, Add	801.41	
08 34 73 13-0020 EA 3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,942.94	130.88
For 8' Height, Add	393.24	
For 45 Minutes Fire Rated, Add	239.36	
For 60 Minutes Fire Rated, Add	410.33	
For 90 Minutes Fire Rated, Add	581.30	
For 120 Minutes Fire Rated, Add	820.67	
08 34 73 13-0021 EA 3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,042.43	130.88
For 8' Height, Add	404.68	
For 45 Minutes Fire Rated, Add	246.33	
For 60 Minutes Fire Rated, Add	422.27	
For 90 Minutes Fire Rated, Add	598.22	
For 120 Minutes Fire Rated, Add	844.54	
08 34 73 13-0022 EA 4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,235.37	136.82
For 8' Height, Add	424.13	
For 45 Minutes Fire Rated, Add	258.16	
For 60 Minutes Fire Rated, Add	442.57	
For 90 Minutes Fire Rated, Add	626.97	
For 120 Minutes Fire Rated, Add	885.14	
08 34 73 13-0023 EA 4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,315.58	136.82
For 8' Height, Add	433.35	
For 45 Minutes Fire Rated, Add	263.78	
For 60 Minutes Fire Rated, Add	452.19	
For 90 Minutes Fire Rated, Add	640.61	
For 120 Minutes Fire Rated, Add	904.39	
08 34 73 13-0024 EA 4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,395.80	136.82
For 8' Height, Add	442.58	
For 45 Minutes Fire Rated, Add	269.40	
For 60 Minutes Fire Rated, Add	461.82	
For 90 Minutes Fire Rated, Add	654.25	
For 120 Minutes Fire Rated, Add	923.64	
08 34 73 13-0025 EA 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,485.34	136.82
For 8' Height, Add	452.87	
For 45 Minutes Fire Rated, Add	275.66	
For 60 Minutes Fire Rated, Add	472.56	
For 90 Minutes Fire Rated, Add	669.47	
For 120 Minutes Fire Rated, Add	945.13	
08 34 73 13-0026 EA 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	7,330.70	154.67
For 8' Height, Add	771.88	
For 45 Minutes Fire Rated, Add	469.84	
For 60 Minutes Fire Rated, Add	805.44	
For 90 Minutes Fire Rated, Add	1,141.04	
For 120 Minutes Fire Rated, Add	1,610.88	
08 34 73 13-0027 EA 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	7,407.19	154.67
For 8' Height, Add	780.68	
For 45 Minutes Fire Rated, Add	475.20	
For 60 Minutes Fire Rated, Add	814.62	
For 90 Minutes Fire Rated, Add	1,154.05	
For 120 Minutes Fire Rated, Add	1,629.24	
08 34 73 13-0028 EA 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	7,489.27	154.67
For 8' Height, Add	790.12	
For 45 Minutes Fire Rated, Add	480.94	
For 60 Minutes Fire Rated, Add	824.47	
For 90 Minutes Fire Rated, Add	1,168.00	
For 120 Minutes Fire Rated, Add	1,648.94	
08 34 73 13-0029 EA 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	7,573.21	154.67
For 8' Height, Add	799.77	
For 45 Minutes Fire Rated, Add	486.82	
For 60 Minutes Fire Rated, Add	834.54	
For 90 Minutes Fire Rated, Add	1,182.27	
For 120 Minutes Fire Rated, Add	1,669.09	
08 34 73 13-0030 EA 7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	7,857.90	160.62
For 8' Height, Add	829.77	
For 45 Minutes Fire Rated, Add	505.08	
For 60 Minutes Fire Rated, Add	865.85	
For 90 Minutes Fire Rated, Add	1,226.62	
For 120 Minutes Fire Rated, Add	1,731.70	



**08 Openings****08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,940.12	160.62
		<i>For 8' Height, Add</i>	839.23	
		<i>For 45 Minutes Fire Rated, Add</i>	510.83	
		<i>For 60 Minutes Fire Rated, Add</i>	875.72	
		<i>For 90 Minutes Fire Rated, Add</i>	1,240.60	
		<i>For 120 Minutes Fire Rated, Add</i>	1,751.43	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,028.36	160.62
		<i>For 8' Height, Add</i>	849.38	
		<i>For 45 Minutes Fire Rated, Add</i>	517.01	
		<i>For 60 Minutes Fire Rated, Add</i>	886.31	
		<i>For 90 Minutes Fire Rated, Add</i>	1,255.60	
		<i>For 120 Minutes Fire Rated, Add</i>	1,772.61	
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	8,118.60	160.62
		<i>For 8' Height, Add</i>	859.75	
		<i>For 45 Minutes Fire Rated, Add</i>	523.33	
		<i>For 60 Minutes Fire Rated, Add</i>	897.13	
		<i>For 90 Minutes Fire Rated, Add</i>	1,270.94	
		<i>For 120 Minutes Fire Rated, Add</i>	1,794.27	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,622.36	118.98
		<i>For 8' Height, Add</i>	361.84	
		<i>For 45 Minutes Fire Rated, Add</i>	220.25	
		<i>For 60 Minutes Fire Rated, Add</i>	377.57	
		<i>For 90 Minutes Fire Rated, Add</i>	534.90	
		<i>For 120 Minutes Fire Rated, Add</i>	755.15	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,711.49	118.98
		<i>For 8' Height, Add</i>	372.09	
		<i>For 45 Minutes Fire Rated, Add</i>	226.49	
		<i>For 60 Minutes Fire Rated, Add</i>	388.27	
		<i>For 90 Minutes Fire Rated, Add</i>	550.05	
		<i>For 120 Minutes Fire Rated, Add</i>	776.54	
08 34 73 13-0036	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,800.62	118.98
		<i>For 8' Height, Add</i>	382.34	
		<i>For 45 Minutes Fire Rated, Add</i>	232.73	
		<i>For 60 Minutes Fire Rated, Add</i>	398.97	
		<i>For 90 Minutes Fire Rated, Add</i>	565.20	
		<i>For 120 Minutes Fire Rated, Add</i>	797.93	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,889.75	118.98
		<i>For 8' Height, Add</i>	392.59	
		<i>For 45 Minutes Fire Rated, Add</i>	238.97	
		<i>For 60 Minutes Fire Rated, Add</i>	409.66	
		<i>For 90 Minutes Fire Rated, Add</i>	580.35	
		<i>For 120 Minutes Fire Rated, Add</i>	819.32	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,134.25	130.88
		<i>For 8' Height, Add</i>	415.24	
		<i>For 45 Minutes Fire Rated, Add</i>	252.75	
		<i>For 60 Minutes Fire Rated, Add</i>	433.29	
		<i>For 90 Minutes Fire Rated, Add</i>	613.83	
		<i>For 120 Minutes Fire Rated, Add</i>	866.58	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,233.75	130.88
		<i>For 8' Height, Add</i>	426.68	
		<i>For 45 Minutes Fire Rated, Add</i>	259.72	
		<i>For 60 Minutes Fire Rated, Add</i>	445.23	
		<i>For 90 Minutes Fire Rated, Add</i>	630.74	
		<i>For 120 Minutes Fire Rated, Add</i>	890.46	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,322.87	130.88
		<i>For 8' Height, Add</i>	436.93	
		<i>For 45 Minutes Fire Rated, Add</i>	265.96	
		<i>For 60 Minutes Fire Rated, Add</i>	455.92	
		<i>For 90 Minutes Fire Rated, Add</i>	645.89	
		<i>For 120 Minutes Fire Rated, Add</i>	911.85	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,433.42	130.88
		<i>For 8' Height, Add</i>	449.64	
		<i>For 45 Minutes Fire Rated, Add</i>	273.69	
		<i>For 60 Minutes Fire Rated, Add</i>	469.19	
		<i>For 90 Minutes Fire Rated, Add</i>	664.69	
		<i>For 120 Minutes Fire Rated, Add</i>	938.38	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,645.15	136.82
		<i>For 8' Height, Add</i>	471.25	
		<i>For 45 Minutes Fire Rated, Add</i>	286.85	
		<i>For 60 Minutes Fire Rated, Add</i>	491.74	
		<i>For 90 Minutes Fire Rated, Add</i>	696.63	
		<i>For 120 Minutes Fire Rated, Add</i>	983.48	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,734.28	136.82
		<i>For 8' Height, Add</i>	481.50	
		<i>For 45 Minutes Fire Rated, Add</i>	293.09	
		<i>For 60 Minutes Fire Rated, Add</i>	502.44	
		<i>For 90 Minutes Fire Rated, Add</i>	711.79	
		<i>For 120 Minutes Fire Rated, Add</i>	1,004.88	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,823.41	136.82
		<i>For 8' Height, Add</i>	491.75	
		<i>For 45 Minutes Fire Rated, Add</i>	299.33	
		<i>For 60 Minutes Fire Rated, Add</i>	513.13	
		<i>For 90 Minutes Fire Rated, Add</i>	726.94	
		<i>For 120 Minutes Fire Rated, Add</i>	1,026.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0045 EA 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame .....	4,922.90	136.82
For 8' Height, Add	503.19	
For 45 Minutes Fire Rated, Add	306.29	
For 60 Minutes Fire Rated, Add	525.07	
For 90 Minutes Fire Rated, Add	743.85	
For 120 Minutes Fire Rated, Add	1,050.14	
08 34 73 13-0046 EA 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,076.48	154.67
For 8' Height, Add	857.65	
For 45 Minutes Fire Rated, Add	522.05	
For 60 Minutes Fire Rated, Add	894.94	
For 90 Minutes Fire Rated, Add	1,267.83	
For 120 Minutes Fire Rated, Add	1,789.87	
08 34 73 13-0047 EA 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,161.46	154.67
For 8' Height, Add	867.42	
For 45 Minutes Fire Rated, Add	527.99	
For 60 Minutes Fire Rated, Add	905.13	
For 90 Minutes Fire Rated, Add	1,282.27	
For 120 Minutes Fire Rated, Add	1,810.27	
08 34 73 13-0048 EA 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,252.67	154.67
For 8' Height, Add	877.91	
For 45 Minutes Fire Rated, Add	534.38	
For 60 Minutes Fire Rated, Add	916.08	
For 90 Minutes Fire Rated, Add	1,297.78	
For 120 Minutes Fire Rated, Add	1,832.16	
08 34 73 13-0049 EA 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,345.94	154.67
For 8' Height, Add	888.63	
For 45 Minutes Fire Rated, Add	540.91	
For 60 Minutes Fire Rated, Add	927.27	
For 90 Minutes Fire Rated, Add	1,313.63	
For 120 Minutes Fire Rated, Add	1,854.54	
08 34 73 13-0050 EA 7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,659.62	160.62
For 8' Height, Add	921.97	
For 45 Minutes Fire Rated, Add	561.20	
For 60 Minutes Fire Rated, Add	962.06	
For 90 Minutes Fire Rated, Add	1,362.91	
For 120 Minutes Fire Rated, Add	1,924.11	
08 34 73 13-0051 EA 7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,750.97	160.62
For 8' Height, Add	932.48	
For 45 Minutes Fire Rated, Add	567.59	
For 60 Minutes Fire Rated, Add	973.02	
For 90 Minutes Fire Rated, Add	1,378.44	
For 120 Minutes Fire Rated, Add	1,946.04	
08 34 73 13-0052 EA 7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,849.02	160.62
For 8' Height, Add	943.75	
For 45 Minutes Fire Rated, Add	574.46	
For 60 Minutes Fire Rated, Add	984.78	
For 90 Minutes Fire Rated, Add	1,395.11	
For 120 Minutes Fire Rated, Add	1,969.57	
08 34 73 13-0053 EA 7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion .....	8,949.28	160.62
For 8' Height, Add	955.28	
For 45 Minutes Fire Rated, Add	581.48	
For 60 Minutes Fire Rated, Add	996.82	
For 90 Minutes Fire Rated, Add	1,412.16	
For 120 Minutes Fire Rated, Add	1,993.63	

**08 34 73 16 Wood Sound Control Door Assemblies (08 34 73)**

08 34 73 16-0001	Wood Acoustical Door Assembly (08 34 73 16) Note: Includes prefinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.		
08 34 73 16-0002 EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated) .....	2,566.62	333.13
	Note: Includes the prefinished door, frame, hinges and seals.		
	For 20 Minutes Fire Rated, Add	50.00	
	For 45 Minutes Fire Rated, Add	80.00	
	For 60 Minutes Fire Rated, Add	115.00	
	For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0003 EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated) .....	2,763.21	333.13
	Note: Includes the prefinished door, frame, hinges and seals.		
	For 20 Minutes Fire Rated, Add	50.00	
	For 45 Minutes Fire Rated, Add	80.00	
	For 60 Minutes Fire Rated, Add	115.00	
	For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0004 EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated) .....	2,872.42	333.13
	Note: Includes the prefinished door, frame, hinges and seals.		
	For 20 Minutes Fire Rated, Add	50.00	
	For 45 Minutes Fire Rated, Add	80.00	
	For 60 Minutes Fire Rated, Add	115.00	
	For 90 Minutes Fire Rated, Add	145.00	

**08 Openings****08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 34 73 16-0005	EA	3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated) .....	2,981.64	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	50.00	
		For 45 Minutes Fire Rated, Add	80.00	
		For 60 Minutes Fire Rated, Add	115.00	
		For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0006	EA	3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated) .....	3,462.18	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	50.00	
		For 45 Minutes Fire Rated, Add	80.00	
		For 60 Minutes Fire Rated, Add	115.00	
		For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0007	EA	3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated) .....	4,510.65	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
08 34 73 16-0008	EA	3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated) .....	4,713.79	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	50.00	
		For 45 Minutes Fire Rated, Add	80.00	
		For 60 Minutes Fire Rated, Add	115.00	
		For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0009	EA	3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated) .....	5,526.35	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		
		For 20 Minutes Fire Rated, Add	50.00	
		For 45 Minutes Fire Rated, Add	80.00	
		For 60 Minutes Fire Rated, Add	115.00	
		For 90 Minutes Fire Rated, Add	145.00	
08 34 73 16-0010	EA	3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) .....	6,132.49	333.13
		Note: Includes the prefinished door, frame, hinges and seals.		

**08 35 Folding Doors and Grilles** (08 30)**08 35 13 Folding Doors** (08 35)**08 35 13 13 Accordion Folding Doors** (08 35 13)**08 35 13 13-0001 Accordion Folding Doors** (08 35 13 13)

Note: Includes track, fittings and hardware, complete.

08 35 13 13-0002	SF	Fire-Resistant, Vinyl Fabric Installed On Welded Steel Frames, Accordion Folding Door .....	97.96	11.90
		For Fire Retardant, Add	21.81	
08 35 13 13-0003	SF	1/32" Thick, Single Ply Vinyl, Accordion Folding Door .....	20.02	11.90
		For Fire Retardant, Add	2.33	
08 35 13 13-0004	SF	0.04" Thick, Fire-Resistant, Rigid Vinyl Panels, Accordion Folding Door .....	44.43	11.90
		For Fire Retardant, Add	8.43	
08 35 13 13-0005	SF	3/8" Thick, Fire-Resistant, Wood Veneer, Vinyl Or High Pressure Laminate, High-Density Engineered Wood Core Panel, Accordion Folding Door .....	62.83	11.90
		For Fire Retardant, Add	13.03	

**08 36 Panel Doors** (08 30)**08 36 13 Sectional Doors** (08 36)

Note: Excludes lifting equipment (forklift or scissor lift) where required.

**08 36 13 00-0001 Sectional Wood Overhead Doors (Width x Height)** (08 36 13)**08 36 13 00-0002 Wood Sectional Overhead Doors** (08 36 13 00-0001)

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0003	EA	8' x 8', Wood Sectional Door, Manual Lift .....	2,825.95	475.91
08 36 13 00-0004	EA	10' x 10', Wood Sectional Door, Manual Lift .....	3,491.40	528.26
08 36 13 00-0005	EA	12' x 12', Wood Sectional Door, Manual Lift .....	4,439.82	632.96
08 36 13 00-0006	EA	14' x 14', Wood Sectional Door, Manual Lift .....	6,333.40	732.90
08 36 13 00-0007	EA	12' x 16', Wood Sectional Door, Manual Lift .....	6,866.78	951.82
08 36 13 00-0008	EA	20' x 8', Wood Sectional Door, Manual Lift .....	6,642.58	1,189.77
08 36 13 00-0009	EA	20' x 16', Wood Sectional Door, Manual Lift .....	11,914.95	1,585.97

**08 36 13 00-0010 Residential Grade, Wood Sectional Overhead Doors** (08 36 13 00-0001)

Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.

08 36 13 00-0011	EA	9' x 7', Residential Grade, Wood Sectional Door, Manual Lift .....	1,456.03	237.96
		For Hardboard Face, Add	115.00	
		For Insulation, Add	117.00	
		For Motor Operator With Remote Controls, Add	468.44	
		For Each Glass Vision Panel In Door, Add	50.00	
08 36 13 00-0012	EA	16' x 7', Residential Grade, Wood Sectional Door, Manual Lift .....	2,258.97	237.96
		For Hardboard Face, Add	115.00	
		For Insulation, Add	117.00	
		For Motor Operator With Remote Controls, Add	503.81	
		For Each Glass Vision Panel In Door, Add	50.00	

**08 36 13 00-0013 Sectional Metal Overhead Doors (Width x Height)** (08 36 13)

Note: Includes tracks and all hardware.

**08 36 13 00-0014 Galvanized Steel Sectional Overhead Doors** (08 36 13 00-0013)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 36 13 00-0015 Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors</b> <small>(08 36 13 00-0014)</small>		
<small>Note: Includes 2" door, tracks and hardware. Excludes frame.</small>		
08 36 13 00-0016 EA 8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	1,908.92	416.42
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>156.03</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>269.02</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>122.67</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>343.27</i>	
08 36 13 00-0017 EA 8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,250.90	475.91
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>188.37</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>324.77</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>148.10</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>414.41</i>	
08 36 13 00-0018 EA 8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,778.08	594.88
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>230.30</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>397.08</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>181.07</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>506.67</i>	
08 36 13 00-0019 EA 10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,151.58	475.91
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>173.97</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>299.94</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>136.77</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>382.72</i>	
08 36 13 00-0020 EA 10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,650.88	594.88
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>211.86</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>365.28</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>166.57</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>466.09</i>	
08 36 13 00-0021 EA 10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,333.64	773.35
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>259.11</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>446.74</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>203.71</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>570.03</i>	
08 36 13 00-0022 EA 10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,937.99	951.82
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>294.98</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>508.59</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>231.92</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>648.96</i>	
08 36 13 00-0023 EA 12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,567.28	594.88
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>199.74</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>344.38</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>157.04</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>439.43</i>	
08 36 13 00-0024 EA 12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,208.20	773.35
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>240.92</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>415.38</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>189.41</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>530.02</i>	
08 36 13 00-0025 EA 12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,915.32	951.82
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>291.70</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>502.92</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>229.33</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>641.73</i>	
08 36 13 00-0026 EA 12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,619.00	1,130.28
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>341.97</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>589.61</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>268.86</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>752.34</i>	
08 36 13 00-0027 EA 12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,511.31	1,368.24
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>402.35</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>693.71</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>316.33</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>885.18</i>	
08 36 13 00-0028 EA 14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,042.68	773.35
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>216.92</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>374.00</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>170.54</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>477.22</i>	
08 36 13 00-0029 EA 14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,742.84	951.82
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>266.69</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>459.80</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>209.67</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>586.71</i>	
08 36 13 00-0030 EA 14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,617.75	1,189.77
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>324.54</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>559.55</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>255.15</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>713.99</i>	
08 36 13 00-0031 EA 14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,324.88	1,368.24
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>375.32</i>	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	<i>647.11</i>	
<i>For Aluminum, Mill Finish, Add</i>	<i>295.08</i>	
<i>For Aluminum, Anodized Finish, Add</i>	<i>825.71</i>	

**08 Openings****08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 36 13 00-0032	EA 14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,124.37	1,546.70
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	439.49	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	757.74	
	<i>For Aluminum, Mill Finish, Add</i>	345.53	
	<i>For Aluminum, Anodized Finish, Add</i>	966.88	
08 36 13 00-0033	EA 16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,681.85	951.82
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	257.84	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	444.56	
	<i>For Aluminum, Mill Finish, Add</i>	202.72	
	<i>For Aluminum, Anodized Finish, Add</i>	567.25	
08 36 13 00-0034	EA 16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,553.28	1,189.77
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	315.19	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	543.43	
	<i>For Aluminum, Mill Finish, Add</i>	247.81	
	<i>For Aluminum, Anodized Finish, Add</i>	693.42	
08 36 13 00-0035	EA 16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,357.97	1,368.24
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	380.12	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	655.38	
	<i>For Aluminum, Mill Finish, Add</i>	298.85	
	<i>For Aluminum, Anodized Finish, Add</i>	836.26	
08 36 13 00-0036	EA 16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,385.72	1,546.70
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	477.39	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	823.08	
	<i>For Aluminum, Mill Finish, Add</i>	375.32	
	<i>For Aluminum, Anodized Finish, Add</i>	1,050.25	
08 36 13 00-0037	EA 16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,438.36	1,784.66
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	561.01	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	967.26	
	<i>For Aluminum, Mill Finish, Add</i>	441.07	
	<i>For Aluminum, Anodized Finish, Add</i>	1,234.22	
08 36 13 00-0038	EA 18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,687.46	1,189.77
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	334.65	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	576.98	
	<i>For Aluminum, Mill Finish, Add</i>	263.10	
	<i>For Aluminum, Anodized Finish, Add</i>	736.22	
08 36 13 00-0039	EA 18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,598.43	1,368.24
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	414.99	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	715.49	
	<i>For Aluminum, Mill Finish, Add</i>	326.26	
	<i>For Aluminum, Anodized Finish, Add</i>	912.97	
08 36 13 00-0040	EA 18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,769.03	1,546.70
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	532.97	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	918.91	
	<i>For Aluminum, Mill Finish, Add</i>	419.02	
	<i>For Aluminum, Anodized Finish, Add</i>	1,172.53	
08 36 13 00-0041	EA 18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,823.42	1,784.66
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	616.84	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,063.52	
	<i>For Aluminum, Mill Finish, Add</i>	484.97	
	<i>For Aluminum, Anodized Finish, Add</i>	1,357.05	
08 36 13 00-0042	EA 18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,985.82	2,022.61
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	716.38	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,235.14	
	<i>For Aluminum, Mill Finish, Add</i>	563.22	
	<i>For Aluminum, Anodized Finish, Add</i>	1,576.04	
08 36 13 00-0043	EA 20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,324.88	1,368.24
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	375.32	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	647.11	
	<i>For Aluminum, Mill Finish, Add</i>	295.08	
	<i>For Aluminum, Anodized Finish, Add</i>	825.71	
08 36 13 00-0044	EA 20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,235.88	1,546.70
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	455.66	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	785.62	
	<i>For Aluminum, Mill Finish, Add</i>	358.24	
	<i>For Aluminum, Anodized Finish, Add</i>	1,002.45	
08 36 13 00-0045	EA 20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,689.27	1,784.66
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	597.39	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,029.98	
	<i>For Aluminum, Mill Finish, Add</i>	469.67	
	<i>For Aluminum, Anodized Finish, Add</i>	1,314.26	
08 36 13 00-0046	EA 20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,743.63	2,022.61
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	681.27	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,174.60	
	<i>For Aluminum, Mill Finish, Add</i>	535.62	
	<i>For Aluminum, Anodized Finish, Add</i>	1,498.78	
08 36 13 00-0047	EA 20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,784.17	2,260.57
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	908.14	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,565.75	
	<i>For Aluminum, Mill Finish, Add</i>	713.98	
	<i>For Aluminum, Anodized Finish, Add</i>	1,997.90	
08 36 13 00-0048	EA 22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,929.22	1,546.70
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	411.19	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	708.96	
	<i>For Aluminum, Mill Finish, Add</i>	323.28	
	<i>For Aluminum, Anodized Finish, Add</i>	904.63	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0049 EA 22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,314.68	1,784.66
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	543.07	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	936.34	
<i>For Aluminum, Mill Finish, Add</i>	426.97	
<i>For Aluminum, Anodized Finish, Add</i>	1,194.76	
08 36 13 00-0050 EA 22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,665.23	2,022.61
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	669.90	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,155.00	
<i>For Aluminum, Mill Finish, Add</i>	526.68	
<i>For Aluminum, Anodized Finish, Add</i>	1,473.77	
08 36 13 00-0051 EA 24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,221.39	2,260.57
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	826.53	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,425.06	
<i>For Aluminum, Mill Finish, Add</i>	649.83	
<i>For Aluminum, Anodized Finish, Add</i>	1,818.37	
08 36 13 00-0052 EA 24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,524.86	2,498.53
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	946.54	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,631.96	
<i>For Aluminum, Mill Finish, Add</i>	744.17	
<i>For Aluminum, Anodized Finish, Add</i>	2,082.38	
08 36 13 00-0053 EA 24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,574.18	1,784.66
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	435.70	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	751.21	
<i>For Aluminum, Mill Finish, Add</i>	342.55	
<i>For Aluminum, Anodized Finish, Add</i>	958.54	
08 36 13 00-0054 EA 24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,013.59	2,022.61
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	575.41	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	992.09	
<i>For Aluminum, Mill Finish, Add</i>	452.39	
<i>For Aluminum, Anodized Finish, Add</i>	1,265.90	
08 36 13 00-0055 EA 24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,754.45	2,260.57
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	758.83	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,308.32	
<i>For Aluminum, Mill Finish, Add</i>	596.59	
<i>For Aluminum, Anodized Finish, Add</i>	1,669.42	
08 36 13 00-0056 EA 24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,904.60	2,498.53
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	856.60	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,476.89	
<i>For Aluminum, Mill Finish, Add</i>	673.46	
<i>For Aluminum, Anodized Finish, Add</i>	1,884.51	
08 36 13 00-0057 EA 24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	12,239.48	2,736.47
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	981.15	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,691.64	
<i>For Aluminum, Mill Finish, Add</i>	771.39	
<i>For Aluminum, Anodized Finish, Add</i>	2,158.53	
<b>08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors</b> <small>(08 36 13 00-0014)</small>		
<i>Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.</i>		
08 36 13 00-0059 EA 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,421.66	416.42
<i>For Aluminum, Mill Finish, Add</i>	181.13	
<i>For Aluminum, Anodized Finish, Add</i>	506.83	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	198.60	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	397.21	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,032.73	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,986.03	
08 36 13 00-0060 EA 8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,887.32	475.91
<i>For Aluminum, Mill Finish, Add</i>	220.65	
<i>For Aluminum, Anodized Finish, Add</i>	617.42	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	241.94	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	483.88	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,258.08	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,419.38	
08 36 13 00-0061 EA 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,545.85	594.88
<i>For Aluminum, Mill Finish, Add</i>	268.59	
<i>For Aluminum, Anodized Finish, Add</i>	751.59	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	294.51	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	589.02	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,531.45	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,945.10	
08 36 13 00-0062 EA 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,816.65	475.91
<i>For Aluminum, Mill Finish, Add</i>	212.59	
<i>For Aluminum, Anodized Finish, Add</i>	594.88	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	233.10	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	466.21	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,212.14	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,331.04	
08 36 13 00-0063 EA 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,458.79	594.88
<i>For Aluminum, Mill Finish, Add</i>	258.67	
<i>For Aluminum, Anodized Finish, Add</i>	723.82	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	283.63	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	567.26	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,474.86	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,836.28	



**08 Openings****08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 36 13 00-0064	EA 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,395.68	773.35
	<i>For Aluminum, Mill Finish, Add</i>	324.78	
	<i>For Aluminum, Anodized Finish, Add</i>	908.82	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	356.12	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	712.25	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,851.84	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,561.23	
08 36 13 00-0065	EA 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,097.65	951.82
	<i>For Aluminum, Mill Finish, Add</i>	364.12	
	<i>For Aluminum, Anodized Finish, Add</i>	1,018.89	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	399.25	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	798.51	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,076.11	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,992.53	
08 36 13 00-0066	EA 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,325.71	594.88
	<i>For Aluminum, Mill Finish, Add</i>	243.50	
	<i>For Aluminum, Anodized Finish, Add</i>	681.36	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	266.99	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	533.99	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,388.36	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,669.93	
08 36 13 00-0067	EA 12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,144.32	773.35
	<i>For Aluminum, Mill Finish, Add</i>	296.13	
	<i>For Aluminum, Anodized Finish, Add</i>	828.64	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	324.70	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	649.41	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,688.45	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,247.03	
08 36 13 00-0068	EA 12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,053.30	951.82
	<i>For Aluminum, Mill Finish, Add</i>	359.06	
	<i>For Aluminum, Anodized Finish, Add</i>	1,004.74	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	393.71	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	787.42	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,047.29	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,937.09	
08 36 13 00-0069	EA 12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,908.06	1,130.28
	<i>For Aluminum, Mill Finish, Add</i>	415.81	
	<i>For Aluminum, Anodized Finish, Add</i>	1,163.55	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	455.94	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	911.87	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,370.87	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,559.36	
08 36 13 00-0070	EA 12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,172.59	1,368.24
	<i>For Aluminum, Mill Finish, Add</i>	505.72	
	<i>For Aluminum, Anodized Finish, Add</i>	1,415.13	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	554.52	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,109.03	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,883.48	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,545.16	
08 36 13 00-0071	EA 14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,948.80	773.35
	<i>For Aluminum, Mill Finish, Add</i>	273.84	
	<i>For Aluminum, Anodized Finish, Add</i>	766.27	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	300.26	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	600.53	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,561.37	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,002.63	
08 36 13 00-0072	EA 14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,897.21	951.82
	<i>For Aluminum, Mill Finish, Add</i>	341.27	
	<i>For Aluminum, Anodized Finish, Add</i>	954.95	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	374.20	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	748.40	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,945.83	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,741.98	
08 36 13 00-0073	EA 14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,956.40	1,189.77
	<i>For Aluminum, Mill Finish, Add</i>	407.76	
	<i>For Aluminum, Anodized Finish, Add</i>	1,141.02	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	447.11	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	894.21	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,324.95	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,471.06	
08 36 13 00-0074	EA 14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,021.42	1,368.24
	<i>For Aluminum, Mill Finish, Add</i>	488.49	
	<i>For Aluminum, Anodized Finish, Add</i>	1,366.90	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	535.62	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,071.24	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,785.22	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,356.20	
08 36 13 00-0075	EA 14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,060.21	1,546.70
	<i>For Aluminum, Mill Finish, Add</i>	566.22	
	<i>For Aluminum, Anodized Finish, Add</i>	1,584.41	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	620.85	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,241.70	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,228.43	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	6,208.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0076 EA 16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	4,727.99	951.82
<i>For Aluminum, Mill Finish, Add</i>	321.98	
<i>For Aluminum, Anodized Finish, Add</i>	900.97	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	353.05	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	706.09	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,835.83	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,530.45	
08 36 13 00-0077 EA 16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	6,087.84	1,189.77
<i>For Aluminum, Mill Finish, Add</i>	422.75	
<i>For Aluminum, Anodized Finish, Add</i>	1,182.94	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	463.54	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	927.07	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,410.39	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,635.36	
08 36 13 00-0078 EA 16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	7,110.15	1,368.24
<i>For Aluminum, Mill Finish, Add</i>	498.60	
<i>For Aluminum, Anodized Finish, Add</i>	1,395.21	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	546.71	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,093.42	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,842.90	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,467.11	
08 36 13 00-0079 EA 16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	8,139.06	1,546.70
<i>For Aluminum, Mill Finish, Add</i>	575.21	
<i>For Aluminum, Anodized Finish, Add</i>	1,609.57	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	630.71	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,261.42	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,279.68	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	6,307.08	
08 36 13 00-0080 EA 16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	9,627.09	1,784.66
<i>For Aluminum, Mill Finish, Add</i>	690.58	
<i>For Aluminum, Anodized Finish, Add</i>	1,932.42	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	757.22	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,514.44	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,937.54	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	7,572.19	
08 36 13 00-0081 EA 18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	5,450.34	1,189.77
<i>For Aluminum, Mill Finish, Add</i>	350.07	
<i>For Aluminum, Anodized Finish, Add</i>	979.58	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	383.85	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	767.70	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,996.01	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,838.49	
08 36 13 00-0082 EA 18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	6,760.18	1,368.24
<i>For Aluminum, Mill Finish, Add</i>	458.70	
<i>For Aluminum, Anodized Finish, Add</i>	1,283.57	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	502.97	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,005.93	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,615.42	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,029.65	
08 36 13 00-0083 EA 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	7,849.89	1,546.70
<i>For Aluminum, Mill Finish, Add</i>	542.24	
<i>For Aluminum, Anodized Finish, Add</i>	1,517.32	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	594.56	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,189.12	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,091.72	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,945.61	
08 36 13 00-0084 EA 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	9,794.67	1,784.66
<i>For Aluminum, Mill Finish, Add</i>	709.69	
<i>For Aluminum, Anodized Finish, Add</i>	1,985.88	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	778.17	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,556.33	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,046.46	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	7,781.66	
08 36 13 00-0085 EA 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	10,728.98	2,022.61
<i>For Aluminum, Mill Finish, Add</i>	761.95	
<i>For Aluminum, Anodized Finish, Add</i>	2,132.11	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	835.47	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,670.93	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,344.42	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	8,354.66	
08 36 13 00-0086 EA 20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	6,728.97	1,368.24
<i>For Aluminum, Mill Finish, Add</i>	455.15	
<i>For Aluminum, Anodized Finish, Add</i>	1,273.61	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	499.06	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	998.13	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,595.13	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,990.64	
08 36 13 00-0087 EA 20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift .....	7,922.20	1,546.70
<i>For Aluminum, Mill Finish, Add</i>	550.48	
<i>For Aluminum, Anodized Finish, Add</i>	1,540.39	
<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	603.60	
<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,207.20	
<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,138.72	
<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	6,036.00	

**08 Openings****08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 36 13 00-0088	EA 20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,131.48	1,784.66
	<i>For Aluminum, Mill Finish, Add</i>	748.08	
	<i>For Aluminum, Anodized Finish, Add</i>	2,093.32	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	820.27	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,640.54	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,265.39	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	8,202.68	
08 36 13 00-0089	EA 20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,029.64	2,022.61
	<i>For Aluminum, Mill Finish, Add</i>	796.22	
	<i>For Aluminum, Anodized Finish, Add</i>	2,228.02	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	873.05	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,746.10	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,539.85	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	8,730.49	
08 36 13 00-0090	EA 20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	12,815.02	2,260.57
	<i>For Aluminum, Mill Finish, Add</i>	945.50	
	<i>For Aluminum, Anodized Finish, Add</i>	2,645.74	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,036.73	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,073.46	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,391.00	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	10,367.31	
08 36 13 00-0091	EA 22' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,381.64	1,546.70
	<i>For Aluminum, Mill Finish, Add</i>	488.86	
	<i>For Aluminum, Anodized Finish, Add</i>	1,367.95	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	536.03	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,072.06	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,787.36	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,360.30	
08 36 13 00-0092	EA 22' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,129.27	1,784.66
	<i>For Aluminum, Mill Finish, Add</i>	633.83	
	<i>For Aluminum, Anodized Finish, Add</i>	1,773.62	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	694.99	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,389.98	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,613.95	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	6,949.91	
08 36 13 00-0093	EA 22' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,848.92	2,022.61
	<i>For Aluminum, Mill Finish, Add</i>	775.62	
	<i>For Aluminum, Anodized Finish, Add</i>	2,170.37	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	850.46	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,700.92	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,422.39	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	8,504.59	
08 36 13 00-0094	EA 22' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	12,192.33	2,260.57
	<i>For Aluminum, Mill Finish, Add</i>	874.51	
	<i>For Aluminum, Anodized Finish, Add</i>	2,447.10	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	958.90	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,917.79	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,986.25	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	9,588.95	
08 36 13 00-0095	EA 22' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	13,911.94	2,498.53
	<i>For Aluminum, Mill Finish, Add</i>	1,016.30	
	<i>For Aluminum, Anodized Finish, Add</i>	2,843.86	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,114.36	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,228.73	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,794.69	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	11,143.64	
08 36 13 00-0096	EA 24' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,220.68	1,784.66
	<i>For Aluminum, Mill Finish, Add</i>	530.25	
	<i>For Aluminum, Anodized Finish, Add</i>	1,483.78	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	581.42	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,162.84	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,023.37	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,814.18	
08 36 13 00-0097	EA 24' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,150.66	2,022.61
	<i>For Aluminum, Mill Finish, Add</i>	696.02	
	<i>For Aluminum, Anodized Finish, Add</i>	1,947.63	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	763.18	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,526.35	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	3,968.52	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	7,631.76	
08 36 13 00-0098	EA 24' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,776.67	2,260.57
	<i>For Aluminum, Mill Finish, Add</i>	827.13	
	<i>For Aluminum, Anodized Finish, Add</i>	2,314.50	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	906.94	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,813.88	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	4,716.08	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	9,069.38	
08 36 13 00-0099	EA 24' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	13,499.56	2,498.53
	<i>For Aluminum, Mill Finish, Add</i>	969.29	
	<i>For Aluminum, Anodized Finish, Add</i>	2,712.31	
	<i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	1,062.82	
	<i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	2,125.63	
	<i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	5,526.64	
	<i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	10,628.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0100 EA 24' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift ..... <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i> <i>For 22 Gauge Steel Ribbed, Heavy-Duty Door, Add</i> <i>For 20 Gauge Steel Ribbed, Heavy-Duty Door, Add</i> <i>For 18 Gauge Steel Ribbed, Heavy-Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy-Duty Door, Add</i>	15,194.57 1,108.27 3,101.20 1,215.20 2,430.41 6,319.06 12,152.04	2,736.47
<b>08 36 13 00-0101 Residential Grade, Galvanized Steel Sectional Overhead Doors</b> (08 36 13 00-0013) Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102 EA 9' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift ..... <i>For Aluminum And Fiberglass, Add</i> <i>For Each Glass Vision Panel In Door, Add</i> <i>For Insulated Door, Add</i>	1,148.65 171.67 27.00 293.50	237.96
08 36 13 00-0103 EA 9' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift ..... <i>For Aluminum And Fiberglass, Add</i> <i>For Each Glass Vision Panel In Door, Add</i> <i>For Insulated Door, Add</i>	1,248.03 202.48 27.00 346.17	237.96
08 36 13 00-0104 EA 16' x 7', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift ..... <i>For Aluminum And Fiberglass, Add</i> <i>For Each Glass Vision Panel In Door, Add</i> <i>For Insulated Door, Add</i>	1,594.90 283.90 27.00 485.37	272.22
08 36 13 00-0105 EA 16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift ..... <i>For Aluminum And Fiberglass, Add</i> <i>For Each Glass Vision Panel In Door, Add</i> <i>For Insulated Door, Add</i>	1,751.06 332.31 27.00 568.14	272.22
<b>08 36 13 00-0106 Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports</b> (08 36 13 00-0013) Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107 SF Removal And Reinstallation Of Sectional Metal Overhead Door And Supports .....	16.94	
<b>08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height)</b> (08 36 13)		
<b>08 36 13 00-0109 Fiberglass Sectional Overhead Doors</b> (08 36 13 00-0108)		
<b>08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors</b> (08 36 13 00-0109) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111 EA 8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	2,219.63	416.42
08 36 13 00-0112 EA 8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	2,623.60	475.91
08 36 13 00-0113 EA 8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,123.84	594.88
08 36 13 00-0114 EA 10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	2,596.23	475.91
08 36 13 00-0115 EA 10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,077.76	535.40
08 36 13 00-0116 EA 10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,884.27	743.61
08 36 13 00-0117 EA 10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	4,694.66	951.82
08 36 13 00-0118 EA 12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,085.06	594.88
08 36 13 00-0119 EA 12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,868.30	743.61
08 36 13 00-0120 EA 12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	4,642.07	892.33
08 36 13 00-0121 EA 12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	5,711.71	1,189.77
08 36 13 00-0122 EA 12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	6,667.94	1,427.73
08 36 13 00-0123 EA 14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	3,811.59	832.84
08 36 13 00-0124 EA 14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	4,598.86	951.82
08 36 13 00-0125 EA 14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	5,629.60	1,189.77
08 36 13 00-0126 EA 14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	6,658.81	1,427.73
08 36 13 00-0127 EA 14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	7,452.69	1,546.70
08 36 13 00-0128 EA 16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	4,332.02	951.82
08 36 13 00-0129 EA 16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	5,172.52	1,070.80
08 36 13 00-0130 EA 16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	6,265.24	1,308.75
08 36 13 00-0131 EA 16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	7,345.50	1,546.70
08 36 13 00-0132 EA 16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift .....	8,188.81	1,665.68
<b>08 36 13 00-0133 Insulated, Fiberglass Sectional Doors</b> (08 36 13 00-0109) Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134 EA 8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift .....	2,677.24	416.42
08 36 13 00-0135 EA 8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift .....	3,175.29	475.91
08 36 13 00-0136 EA 8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift .....	3,762.08	594.88
08 36 13 00-0137 EA 10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift .....	3,138.89	475.91
08 36 13 00-0138 EA 10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift .....	3,740.09	535.40
08 36 13 00-0139 EA 10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift .....	4,675.30	743.61
08 36 13 00-0140 EA 10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift .....	5,615.89	951.82
08 36 13 00-0141 EA 12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift .....	3,710.51	594.88
08 36 13 00-0142 EA 12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift .....	4,654.06	743.61
08 36 13 00-0143 EA 12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift .....	5,585.13	892.33
08 36 13 00-0144 EA 12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift .....	6,811.32	1,189.77
08 36 13 00-0145 EA 12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift .....	7,926.36	1,427.73
08 36 13 00-0146 EA 14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift .....	4,519.82	832.84
08 36 13 00-0147 EA 14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift .....	5,488.49	951.82
08 36 13 00-0148 EA 14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift .....	6,702.12	1,189.77
08 36 13 00-0149 EA 14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift .....	7,914.22	1,427.73

**08 Openings****08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0150	EA		14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,891.75	1,546.70
08 36 13 00-0151	EA		16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,133.58	951.82
08 36 13 00-0152	EA		16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,172.79	1,070.80
08 36 13 00-0153	EA		16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,468.72	1,308.75
08 36 13 00-0154	EA		16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,749.18	1,546.70
08 36 13 00-0155	EA		16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,791.94	1,665.68

**08 36 13 00-0156 Sectional Overhead Door Accessories** (08 36 13)**08 36 13 00-0157 Sectional Overhead Door Accessories** (08 36 13 00-0156)

08 36 13 00-0158	LF		Flap Seal For Sectional Overhead Doors .....	4.04	
08 36 13 00-0159	LF		Weather Seal At Top Of Door For Sectional Overhead Doors.....	5.68	
08 36 13 00-0160	LF		Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors.....	3.42	
08 36 13 00-0161	EA		Cylinder Lock For Sectional Overhead Doors.....	322.19	
08 36 13 00-0162	EA		Manual Chain Hoist For Sectional Overhead Doors .....	658.18	
08 36 13 00-0163	EA		3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors.....	2,677.27	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 36 13 00-0164	EA		1/2 HP Trolley Operator For Sectional Overhead Doors.....	1,220.09	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 36 13 00-0165	EA		3/4 HP Trolley Operator For Sectional Overhead Doors.....	1,566.35	
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
			<i>For Door Height &gt;12', Add</i> .....	10.00	
			<i>Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.</i>		
08 36 13 00-0166	SF		Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	38.93	
			Note: Additional cost for factory supplied.		
08 36 13 00-0167	SF		>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors.....	24.28	
			Note: Additional cost for factory supplied.		
08 36 13 00-0168	SF		Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors .....	40.69	
			Note: Additional cost for factory supplied.		
08 36 13 00-0169	SF		>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors.....	27.74	
			Note: Additional cost for factory supplied.		
08 36 13 00-0170	SF		Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors .....	65.46	
			Note: Additional cost for factory supplied.		
08 36 13 00-0171	SF		>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors.....	44.19	
			Note: Additional cost for factory supplied.		
08 36 13 00-0172	EA		Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door .....	611.04	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0173	EA		Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door .....	950.89	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0174	EA		Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door .....	1,409.00	
			Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.		
08 36 13 00-0175	SF		25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	1.80	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08 36 13 00-0176	SF		50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors .....	2.32	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		
08 36 13 00-0177	SF		100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors.....	3.06	
			Note: Additional cost for factory supplied/installed spring. Per SF of Door.		

**08 38 Traffic Doors** (08 30)**08 38 13 Flexible Strip Doors** (08 38)**08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors** (08 38 13)

08 38 13 00-0002	SF		8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	23.85	7.14
			<i>For Cooler/Freezer Doors, USDA Grade, Add</i> .....	0.84	
			<i>Note: Low temperature to -40 degree F.</i>		
			<i>For Ribbed Strip Material, Add</i> .....	1.76	
08 38 13 00-0003	SF		8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	33.25	9.52
			<i>For Cooler/Freezer Doors, USDA Grade, Add</i> .....	1.18	
			<i>Note: Low temperature to -40 degree F.</i>		
			<i>For Ribbed Strip Material, Add</i> .....	2.48	
08 38 13 00-0004	SF		12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	21.27	5.95
			<i>For Cooler/Freezer Doors, USDA Grade, Add</i> .....	1.06	
			<i>Note: Low temperature to -40 degree F.</i>		
			<i>For Ribbed Strip Material, Add</i> .....	2.22	
08 38 13 00-0005	SF		12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	27.54	6.54
			<i>For Cooler/Freezer Doors, USDA Grade, Add</i> .....	1.33	
			<i>Note: Low temperature to -40 degree F.</i>		
			<i>For Ribbed Strip Material, Add</i> .....	2.79	
08 38 13 00-0006	SF		16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door.....	22.95	5.95
			<i>For Cooler/Freezer Doors, USDA Grade, Add</i> .....	1.34	
			<i>Note: Low temperature to -40 degree F.</i>		
			<i>For Ribbed Strip Material, Add</i> .....	2.82	

**08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips** (08 38 13)





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 13 00-0008	EA			8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	69.41 1.47	33.55
				<i>For Ribbed Strip Material, Add</i>	3.08	
08 38 13 00-0009	EA			8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	71.47 1.67	33.55
				<i>For Ribbed Strip Material, Add</i>	3.52	
08 38 13 00-0010	EA			12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	102.12 3.43	41.52
				<i>For Ribbed Strip Material, Add</i>	7.20	
08 38 13 00-0011	EA			12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	109.09 4.13	41.52
				<i>For Ribbed Strip Material, Add</i>	8.67	
08 38 13 00-0012	EA			12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	115.62 4.78	41.52
				<i>For Ribbed Strip Material, Add</i>	10.04	
08 38 13 00-0013	EA			16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip ..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	196.75 11.20	42.35
				<i>For Ribbed Strip Material, Add</i>	23.52	
<b>08 38 16 Flexible Traffic Doors</b> <small>(08 38)</small>						
Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.						
08 38 16 00-0001				0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) <small>(08 38 16)</small>		
08 38 16 00-0002				Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0001)</small>		
08 38 16 00-0003				Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0002)</small>		
08 38 16 00-0004	EA			72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	7,791.11	118.98
08 38 16 00-0005	EA			72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	8,440.38	118.98
08 38 16 00-0006	EA			96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	17,790.33	136.82
08 38 16 00-0007	EA			96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	19,973.62	148.72
08 38 16 00-0008	EA			108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	31,209.68	148.72
08 38 16 00-0009	EA			108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	32,663.22	148.72
08 38 16 00-0010	EA			120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	36,329.75	178.46
08 38 16 00-0011				Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors <small>(08 38 16 00-0002)</small>		
08 38 16 00-0012	EA			72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	8,694.98	118.98
08 38 16 00-0013	EA			72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	9,418.01	118.98
08 38 16 00-0014	EA			96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	21,119.68	136.82
08 38 16 00-0015	EA			96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	23,288.19	148.72
08 38 16 00-0016	EA			108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	35,011.04	148.72
08 38 16 00-0017	EA			108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	36,489.59	148.72
08 38 16 00-0018	EA			120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	40,586.69	178.46
08 38 16 00-0019				0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliaison FMP) <small>(08 38 16)</small> Note: Includes pebble embossed finish and a 14" x 16" vinyl window.		
08 38 16 00-0020				Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0019)</small>		
08 38 16 00-0021				84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0022	EA			24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	3,206.47	65.43
08 38 16 00-0023	EA			40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	3,465.54	65.43
08 38 16 00-0024				96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <small>(08 38 16 00-0020)</small>		
08 38 16 00-0025	EA			24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	3,465.54	65.43
08 38 16 00-0026	EA			40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors .....	3,538.61	65.43



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors and Frames</b>
	<b>08 38</b>	<b>Traffic Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

08 38 16 00-0027	Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <sup>(08 38 16 00-0019)</sup>		
08 38 16 00-0028	84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <sup>(08 38 16 00-0027)</sup>		
08 38 16 00-0029	EA 48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	6,377.24	113.03
08 38 16 00-0030	EA 80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	6,895.38	113.03
08 38 16 00-0031	96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors <sup>(08 38 16 00-0027)</sup>		
08 38 16 00-0032	EA 48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	6,895.38	113.03
08 38 16 00-0033	EA 80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	7,041.52	113.03

**08 38 19 Rigid Traffic Doors <sup>(08 38)</sup>**

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001	0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) <sup>(08 38 19)</sup>		
08 38 19 00-0002	Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <sup>(08 38 19 00-0001)</sup>		
08 38 19 00-0003	84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <sup>(08 38 19 00-0002)</sup>		
08 38 19 00-0004	EA 24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,512.56	65.43
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0005	EA 28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,632.13	65.43
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0006	EA 30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,684.58	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0007	EA 32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,757.65	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0008	EA 36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,836.70	71.38
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0009	EA 40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,996.13	71.38
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0010	EA 42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,060.45	80.31
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0011	96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <sup>(08 38 19 00-0002)</sup>		
08 38 19 00-0012	EA 24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,718.49	65.43
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0013	EA 28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,811.49	65.43
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0014	EA 30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,870.58	68.41
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0015	EA			32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,923.72	68.41
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0016	EA			36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,109.06	71.38
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0017	EA			40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,148.91	71.38
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0018	EA			42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,206.59	80.31
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0019				<b>Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0001)		
08 38 19 00-0020				<b>84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0019)		
08 38 19 00-0021	EA			48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,989.42	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0022	EA			56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,228.56	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023	EA			60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,321.56	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024	EA			64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,467.70	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025	EA			72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,625.78	118.98
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0026	EA			80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,944.64	118.98
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027	EA			84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	4,037.64	118.98
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028				<b>96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors</b> (08 38 19 00-0019)		
08 38 19 00-0029	EA			48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,401.27	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0030	EA			56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,587.27	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031	EA			60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,693.56	113.03
				For Each 14" x 16" Window, Add	22.00	
				For Each 15" x 20" Window, Add	28.00	
				For Each 18" x 30" Window, Add	41.00	

**08 Openings****08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0032	EA	64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,799.84	113.03
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0033	EA	72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	4,170.49	118.98
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0034	EA	80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	4,250.21	118.98
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0035	EA	84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	4,329.92	118.98
		<i>For Each 14" x 16" Window, Add</i>	22.00	
		<i>For Each 15" x 20" Window, Add</i>	28.00	
		<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0036		<b>3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus)</b> <small>(08 38 19)</small>		
		Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.		
08 38 19 00-0037		<b>Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0036)</small>		
08 38 19 00-0038		<b>84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b>		
		<small>(08 38 19 00-0037)</small>		
08 38 19 00-0039	EA	24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,734.83	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0040	EA	28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,047.04	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0041	EA	30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,179.21	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0042	EA	32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,312.06	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0043	EA	36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,357.90	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0044	EA	40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,630.25	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0045	EA	42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,893.86	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0046	EA	44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,940.36	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0047		<b>96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b>		
		<small>(08 38 19 00-0037)</small>		
08 38 19 00-0048	EA	24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,000.55	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0049	EA	28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,326.04	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0050	EA	30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,458.21	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0051	EA	32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,624.27	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0052	EA	36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	3,749.83	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0053	EA	40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	4,015.54	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0054	EA	42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	4,139.64	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0055	EA	44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	4,305.71	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0056		<b>Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0036)</small>		



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 38 19 00-0057	<b>84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0056)</small>		
	08 38 19 00-0058	EA 48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,433.97 6.00 19.00	113.03
	08 38 19 00-0059	EA 56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,058.39 6.00 19.00	113.03
	08 38 19 00-0060	EA 60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,310.82 6.00 19.00	113.03
	08 38 19 00-0061	EA 64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,576.53 6.00 19.00	113.03
	08 38 19 00-0062	EA 72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,668.18 6.00 19.00	118.98
	08 38 19 00-0063	EA 80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,212.89 6.00 19.00	118.98
	08 38 19 00-0064	EA 84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,704.46 6.00 19.00	118.98
	08 38 19 00-0065	EA 88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,797.46 6.00 19.00	118.98
	08 38 19 00-0066	<b>96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0056)</small>		
	08 38 19 00-0067	EA 48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,965.39 6.00 19.00	113.03
	08 38 19 00-0068	EA 56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,616.38 6.00 19.00	113.03
	08 38 19 00-0069	EA 60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,868.81 6.00 19.00	113.03
	08 38 19 00-0070	EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,200.95 6.00 19.00	113.03
	08 38 19 00-0071	EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,452.03 6.00 19.00	118.98
	08 38 19 00-0072	EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,983.45 6.00 19.00	118.98
	08 38 19 00-0073	EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,196.02 6.00 19.00	118.98
	08 38 19 00-0074	EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,528.16 6.00 19.00	118.98
	08 38 19 00-0075	<b>3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2)</b> <small>(08 38 19)</small> Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.		
	08 38 19 00-0076	<b>Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0075)</small>		
	08 38 19 00-0077	<b>84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0076)</small>		
	08 38 19 00-0078	EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,510.42 6.00 19.00	65.43
	08 38 19 00-0079	EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,997.86 6.00 19.00	65.43
	08 38 19 00-0080	EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,133.79 6.00 19.00	68.41
	08 38 19 00-0081	EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,182.53 6.00 19.00	68.41
	08 38 19 00-0082	EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,237.26 6.00 19.00	71.38
	08 38 19 00-0083	EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,692.20 6.00 19.00	71.38

**08 Openings****08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0084	EA	42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,083.72	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0085	EA	44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,140.59	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0086</b>		<b>96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0078)</small>		
08 38 19 00-0087	EA	24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	3,616.03	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0088	EA	28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	4,217.20	65.43
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0089	EA	30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	4,361.26	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0090	EA	32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	4,426.25	68.41
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0091	EA	36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	4,448.48	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0092	EA	40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	4,781.56	71.38
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0093	EA	42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,164.96	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0094	EA	44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	5,229.95	80.31
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0095</b>		<b>Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0075)</small>		
<b>08 38 19 00-0096</b>		<b>84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0095)</small>		
08 38 19 00-0097	EA	48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	6,985.14	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0098	EA	56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	7,960.01	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0099	EA	60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,219.98	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0100	EA	64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,317.46	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0101	EA	72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,426.89	118.98
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0102	EA	80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	9,336.77	118.98
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0103	EA	84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	10,084.18	118.98
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0104	EA	88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	10,197.91	118.98
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0105</b>		<b>96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors</b> <small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA	48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	7,196.36	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0107	EA	56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,398.70	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0108	EA	60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,674.92	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0109	EA	64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door.....	8,804.90	113.03
		<i>For Each 15" x 20" Window, Add</i>	6.00	
		<i>For Each 18" x 30" Window, Add</i>	19.00	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 38 19 00-0110	EA		72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,849.34 6.00 19.00	118.98
	08 38 19 00-0111	EA		80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,515.50 6.00 19.00	118.98
	08 38 19 00-0112	EA		84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,246.65 6.00 19.00	118.98
	08 38 19 00-0113	EA		88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door ... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,376.64 6.00 19.00	118.98
	08 38 19 00-0114			<b>1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2)</b> <small>(08 38 19)</small> Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
	08 38 19 00-0115			<b>Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors</b> <small>(08 38 19 00-0114)</small>		
	08 38 19 00-0116			<b>84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors</b> <small>(08 38 19 00-0115)</small>		
	08 38 19 00-0117	EA		24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,691.40 22.00 28.00 41.00	65.43
	08 38 19 00-0118	EA		28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,043.46 22.00 28.00 41.00	65.43
	08 38 19 00-0119	EA		30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,142.41 22.00 28.00 41.00	68.41
	08 38 19 00-0120	EA		32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,228.77 22.00 28.00 41.00	68.41
	08 38 19 00-0121	EA		36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,380.89 22.00 28.00 41.00	71.38
	08 38 19 00-0122	EA		40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,546.96 22.00 28.00 41.00	71.38
	08 38 19 00-0123	EA		42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,697.64 22.00 28.00 41.00	80.31
	08 38 19 00-0124	EA		44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,810.56 22.00 28.00 41.00	80.31
	08 38 19 00-0125			<b>96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors</b> <small>(08 38 19 00-0115)</small>		
	08 38 19 00-0126	EA		24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,990.32 22.00 28.00 41.00	65.43
	08 38 19 00-0127	EA		28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,362.32 22.00 28.00 41.00	65.43
	08 38 19 00-0128	EA		30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,467.91 22.00 28.00 41.00	68.41
	08 38 19 00-0129	EA		32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,514.41 22.00 28.00 41.00	68.41
	08 38 19 00-0130	EA		36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,653.24 22.00 28.00 41.00	71.38
	08 38 19 00-0131	EA		40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door ..... <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,872.46 22.00 28.00 41.00	71.38



**08 Openings****08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0132	EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	4,996.56	80.31
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0133	EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	5,109.49	80.31
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
<b>08 38 19 00-0134</b>	<b>Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic</b>		
	<b>Doors (08 38 19 00-0114)</b>		
<b>08 38 19 00-0135</b>	<b>84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact</b>		
	<b>Traffic Doors (08 38 19 00-0134)</b>		
08 38 19 00-0136	EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	7,347.09	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0137	EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,051.23	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0138	EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,237.22	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0139	EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,409.94	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0140	EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,714.16	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0141	EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,046.30	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0142	EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,312.01	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0143	EA 88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,537.87	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
<b>08 38 19 00-0144</b>	<b>96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact</b>		
	<b>Traffic Doors (08 38 19 00-0134)</b>		
08 38 19 00-0145	EA 48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	7,944.94	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0146	EA 56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,688.93	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0147	EA 60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,888.22	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0148	EA 64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	8,981.22	113.03
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0149	EA 72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,258.87	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0150	EA 80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,697.29	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0151	EA 84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	9,909.86	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0152	EA 88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door .....	10,135.72	118.98
	For Each 14" x 16" Window, Add	22.00	
	For Each 15" x 20" Window, Add	28.00	
	For Each 18" x 30" Window, Add	41.00	



	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0153	1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliason HCP-10) <sup>(08 38 19)</sup> Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.		
08 38 19 00-0154	Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <sup>(08 38 19 00-0153)</sup>		
08 38 19 00-0155	84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <sup>(08 38 19 00-0154)</sup>		
08 38 19 00-0156	EA 24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,624.97 6.00 19.00	65.43
08 38 19 00-0157	EA 28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,817.61 6.00 19.00	65.43
08 38 19 00-0158	EA 30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,996.27 6.00 19.00	68.41
08 38 19 00-0159	EA 32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,109.20 6.00 19.00	68.41
08 38 19 00-0160	EA 36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,394.18 6.00 19.00	71.38
08 38 19 00-0161	EA 40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,620.03 6.00 19.00	71.38
08 38 19 00-0162	EA 42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,817.21 6.00 19.00	80.31
08 38 19 00-0163	EA 44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	5,029.78 6.00 19.00	80.31
08 38 19 00-0164	90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <sup>(08 38 19 00-0154)</sup>		
08 38 19 00-0165	EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,757.82 6.00 19.00	65.43
08 38 19 00-0166	EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	3,990.32 6.00 19.00	65.43
08 38 19 00-0167	EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,109.20 6.00 19.00	68.41
08 38 19 00-0168	EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,268.63 6.00 19.00	68.41
08 38 19 00-0169	EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,573.53 6.00 19.00	71.38
08 38 19 00-0170	EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,845.89 6.00 19.00	71.38
08 38 19 00-0171	EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	5,029.78 6.00 19.00	80.31
08 38 19 00-0172	EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	5,229.06 6.00 19.00	80.31
08 38 19 00-0173	96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <sup>(08 38 19 00-0154)</sup>		
08 38 19 00-0174	EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,096.61 6.00 19.00	65.43
08 38 19 00-0175	EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,143.11 6.00 19.00	65.43
08 38 19 00-0176	EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,341.70 6.00 19.00	68.41
08 38 19 00-0177	EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,487.84 6.00 19.00	68.41
08 38 19 00-0178	EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	4,799.39 6.00 19.00	71.38
08 38 19 00-0179	EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... For Each 15" x 20" Window, Add For Each 18" x 30" Window, Add	5,124.88 6.00 19.00	71.38

**08 Openings****08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0180	EA		42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	5,295.49	80.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0181	EA		44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	5,494.77	80.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0182</b>			<b>Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0153)</small>		
<b>08 38 19 00-0183</b>			<b>84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0182)</small>		
08 38 19 00-0184	EA		48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,214.24	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0185	EA		56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,599.52	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0186	EA		60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,944.94	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0187	EA		64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,170.80	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0188	EA		72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,740.73	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0189	EA		80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,192.44	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0190	EA		84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,551.15	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0191	EA		88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,976.29	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0192</b>			<b>90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0182)</small>		
08 38 19 00-0193	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,479.95	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	7,944.94	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,170.80	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,489.65	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,099.44	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0198	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,644.15	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0199	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,976.29	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0200	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	10,374.86	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
<b>08 38 19 00-0201</b>			<b>96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors</b> <small>(08 38 19 00-0182)</small>		
08 38 19 00-0202	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,157.51	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0203	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,250.51	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0204	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,635.79	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0205	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	8,928.07	113.03
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0206	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	9,551.15	118.98
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 38 19 00-0207	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,202.14 6.00 19.00	118.98
	08 38 19 00-0208	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,507.71 6.00 19.00	118.98
	08 38 19 00-0209	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,906.28 6.00 19.00	118.98
	08 38 19 00-0210			<b>1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10)</b> <sup>(08 38 19)</sup> Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window, 18" high easy spring bumpers, and perimeter gasketing.		
	08 38 19 00-0211			<b>Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <sup>(08 38 19 00-0210)</sup>		
	08 38 19 00-0212			<b>84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <sup>(08 38 19 00-0211)</sup>		
	08 38 19 00-0213	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,624.97 6.00 19.00	65.43
	08 38 19 00-0214	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,817.61 6.00 19.00	65.43
	08 38 19 00-0215	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,996.27 6.00 19.00	68.41
	08 38 19 00-0216	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,109.20 6.00 19.00	68.41
	08 38 19 00-0217	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,394.18 6.00 19.00	71.38
	08 38 19 00-0218	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,620.03 6.00 19.00	71.38
	08 38 19 00-0219	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,817.21 6.00 19.00	80.31
	08 38 19 00-0220	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,029.78 6.00 19.00	80.31
	08 38 19 00-0221			<b>90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <sup>(08 38 19 00-0211)</sup>		
	08 38 19 00-0222	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,757.82 6.00 19.00	65.43
	08 38 19 00-0223	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,990.32 6.00 19.00	65.43
	08 38 19 00-0224	EA		30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,109.20 6.00 19.00	68.41
	08 38 19 00-0225	EA		32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,268.63 6.00 19.00	68.41
	08 38 19 00-0226	EA		36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,573.53 6.00 19.00	71.38
	08 38 19 00-0227	EA		40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,845.89 6.00 19.00	71.38
	08 38 19 00-0228	EA		42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,029.78 6.00 19.00	80.31
	08 38 19 00-0229	EA		44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,229.06 6.00 19.00	80.31
	08 38 19 00-0230			<b>96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <sup>(08 38 19 00-0211)</sup>		
	08 38 19 00-0231	EA		24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,096.61 6.00 19.00	65.43
	08 38 19 00-0232	EA		28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,143.11 6.00 19.00	65.43

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors and Frames</b>
	<b>08 38</b>	<b>Traffic Doors</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 38 19 00-0233	EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,341.70 6.00 19.00	68.41
08 38 19 00-0234	EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,487.84 6.00 19.00	68.41
08 38 19 00-0235	EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,799.39 6.00 19.00	71.38
08 38 19 00-0236	EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,124.88 6.00 19.00	71.38
08 38 19 00-0237	EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,295.49 6.00 19.00	80.31
08 38 19 00-0238	EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,494.77 6.00 19.00	80.31
<b>08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0210)</small>			
<b>08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>			
08 38 19 00-0241	EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,214.24 6.00 19.00	113.03
08 38 19 00-0242	EA 56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,599.52 6.00 19.00	113.03
08 38 19 00-0243	EA 60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,944.94 6.00 19.00	113.03
08 38 19 00-0244	EA 64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,170.80 6.00 19.00	113.03
08 38 19 00-0245	EA 72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,740.73 6.00 19.00	118.98
08 38 19 00-0246	EA 80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,192.44 6.00 19.00	118.98
08 38 19 00-0247	EA 84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,551.15 6.00 19.00	118.98
08 38 19 00-0248	EA 88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,976.29 6.00 19.00	118.98
<b>08 38 19 00-0249 90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>			
08 38 19 00-0250	EA 48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,479.95 6.00 19.00	113.03
08 38 19 00-0251	EA 56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,944.94 6.00 19.00	113.03
08 38 19 00-0252	EA 60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,170.80 6.00 19.00	113.03
08 38 19 00-0253	EA 64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,489.65 6.00 19.00	113.03
08 38 19 00-0254	EA 72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,099.44 6.00 19.00	118.98
08 38 19 00-0255	EA 80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,644.15 6.00 19.00	118.98
08 38 19 00-0256	EA 84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,976.29 6.00 19.00	118.98
08 38 19 00-0257	EA 88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,374.86 6.00 19.00	118.98
<b>08 38 19 00-0258 96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors</b> <small>(08 38 19 00-0239)</small>			
08 38 19 00-0259	EA 48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,157.51 6.00 19.00	113.03





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0260 EA 56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,250.51 6.00 19.00	113.03
08 38 19 00-0261 EA 60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,635.79 6.00 19.00	113.03
08 38 19 00-0262 EA 64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,928.07 6.00 19.00	113.03
08 38 19 00-0263 EA 72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	9,551.15 6.00 19.00	118.98
08 38 19 00-0264 EA 80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,202.14 6.00 19.00	118.98
08 38 19 00-0265 EA 84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,507.71 6.00 19.00	118.98
08 38 19 00-0266 EA 88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door ..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	10,906.28 6.00 19.00	118.98
<b>08 38 19 00-0267 Rigid Impact Traffic Door Accessories</b> <small>(08 38 19)</small>		
<b>08 38 19 00-0268 Bumper Strips For Impact Traffic Doors</b> <small>(08 38 19 00-0267)</small> Note: Includes two bumpers per set.		
08 38 19 00-0269 SET 24" Wide, Bumper Strips For Impact Traffic Doors .....	293.37	47.59
08 38 19 00-0270 SET 30" Wide, Bumper Strips For Impact Traffic Doors .....	326.59	47.59
08 38 19 00-0271 SET 36" Wide, Bumper Strips For Impact Traffic Doors .....	353.16	47.59
08 38 19 00-0272 SET 48" Wide, Bumper Strips For Impact Traffic Doors .....	399.66	47.59
<b>08 38 19 00-0273 Easy Spring Bumpers For Impact Traffic Doors</b> <small>(08 38 19 00-0267)</small> Note: Includes two bumpers per set.		
08 38 19 00-0274 SET 18" Height, Easy Spring Bumpers For Impact Traffic Doors .....	831.44	47.59
08 38 19 00-0275 SET 24" Height, Easy Spring Bumpers For Impact Traffic Doors .....	1,110.44	47.59
08 38 19 00-0276 SET 36" Height, Easy Spring Bumpers For Impact Traffic Doors .....	1,648.50	47.59
08 38 19 00-0277 SET 42" Height, Easy Spring Bumpers For Impact Traffic Doors .....	1,907.57	47.59
08 38 19 00-0278 SET 48" Height, Easy Spring Bumpers For Impact Traffic Doors .....	2,173.28	47.59
<b>08 38 19 00-0279 Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0267)</small> Note: Includes two 0.090" thermoplastic plates per set.		
<b>08 38 19 00-0280 12" High, Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0279)</small>		
08 38 19 00-0281 SET 24" Wide x 12" High, Impact Traffic Door Scuff Plates .....	353.16	47.59
08 38 19 00-0282 SET 30" Wide x 12" High, Impact Traffic Door Scuff Plates .....	379.73	47.59
08 38 19 00-0283 SET 36" Wide x 12" High, Impact Traffic Door Scuff Plates .....	412.94	47.59
08 38 19 00-0284 SET 42" Wide x 12" High, Impact Traffic Door Scuff Plates .....	459.44	47.59
08 38 19 00-0285 SET 48" Wide x 12" High, Impact Traffic Door Scuff Plates .....	486.01	47.59
<b>08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0279)</small>		
08 38 19 00-0287 SET 24" Wide x 24" High, Impact Traffic Door Scuff Plates .....	486.01	47.59
08 38 19 00-0288 SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates .....	605.58	47.59
08 38 19 00-0289 SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates .....	672.01	47.59
08 38 19 00-0290 SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates .....	765.01	47.59
08 38 19 00-0291 SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates .....	824.80	47.59
<b>08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0279)</small>		
08 38 19 00-0293 SET 24" Wide x 30" High, Impact Traffic Door Scuff Plates .....	605.58	47.59
08 38 19 00-0294 SET 30" Wide x 30" High, Impact Traffic Door Scuff Plates .....	711.87	47.59
08 38 19 00-0295 SET 36" Wide x 30" High, Impact Traffic Door Scuff Plates .....	791.58	47.59
08 38 19 00-0296 SET 42" Wide x 30" High, Impact Traffic Door Scuff Plates .....	937.72	47.59
08 38 19 00-0297 SET 48" Wide x 30" High, Impact Traffic Door Scuff Plates .....	1,037.37	47.59
<b>08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0279)</small>		
08 38 19 00-0299 SET 24" Wide x 36" High, Impact Traffic Door Scuff Plates .....	672.01	47.59
08 38 19 00-0300 SET 30" Wide x 36" High, Impact Traffic Door Scuff Plates .....	791.58	47.59
08 38 19 00-0301 SET 36" Wide x 36" High, Impact Traffic Door Scuff Plates .....	924.44	47.59
08 38 19 00-0302 SET 42" Wide x 36" High, Impact Traffic Door Scuff Plates .....	997.51	47.59
08 38 19 00-0303 SET 48" Wide x 36" High, Impact Traffic Door Scuff Plates .....	1,110.44	47.59
<b>08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0279)</small>		
08 38 19 00-0305 SET 24" Wide x 48" High, Impact Traffic Door Scuff Plates .....	824.80	47.59
08 38 19 00-0306 SET 30" Wide x 48" High, Impact Traffic Door Scuff Plates .....	1,037.37	47.59
08 38 19 00-0307 SET 36" Wide x 48" High, Impact Traffic Door Scuff Plates .....	1,110.44	47.59
08 38 19 00-0308 SET 42" Wide x 48" High, Impact Traffic Door Scuff Plates .....	1,249.93	47.59



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 30</b>	<b>Specialty Doors and Frames</b>
	<b>08 38</b>	<b>Traffic Doors</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0309 SET 48" Wide x 48" High, Impact Traffic Door Scuff Plates.....	1,402.72	47.59
<b>08 38 19 00-0310</b> <b>Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0267)</small> Note: Includes two base plates per set.		
<b>08 38 19 00-0311</b> <b>Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0310)</small>		
<b>08 38 19 00-0312</b> <b>12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0311)</small>		
08 38 19 00-0313 SET 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	339.87	47.59
08 38 19 00-0314 SET 30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	366.44	47.59
08 38 19 00-0315 SET 36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	379.73	47.59
08 38 19 00-0316 SET 42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	439.51	47.59
08 38 19 00-0317 SET 48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	466.09	47.59
<b>08 38 19 00-0318</b> <b>24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0311)</small>		
08 38 19 00-0319 SET 24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	439.51	47.59
08 38 19 00-0320 SET 30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	479.37	47.59
08 38 19 00-0321 SET 36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	519.23	47.59
08 38 19 00-0322 SET 42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	552.44	47.59
08 38 19 00-0323 SET 48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	605.58	47.59
<b>08 38 19 00-0324</b> <b>30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0311)</small>		
08 38 19 00-0325 SET 24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	505.94	47.59
08 38 19 00-0326 SET 30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	539.16	47.59
08 38 19 00-0327 SET 36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	618.87	47.59
08 38 19 00-0328 SET 42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	705.23	47.59
08 38 19 00-0329 SET 48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	745.08	47.59
<b>08 38 19 00-0330</b> <b>36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0311)</small>		
08 38 19 00-0331 SET 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	539.16	47.59
08 38 19 00-0332 SET 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	605.58	47.59
08 38 19 00-0333 SET 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	705.23	47.59
08 38 19 00-0334 SET 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	784.94	47.59
08 38 19 00-0335 SET 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	831.44	47.59
<b>08 38 19 00-0336</b> <b>48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0311)</small>		
08 38 19 00-0337 SET 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	691.94	47.59
08 38 19 00-0338 SET 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	784.94	47.59
08 38 19 00-0339 SET 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	911.15	47.59
08 38 19 00-0340 SET 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	970.94	47.59
08 38 19 00-0341 SET 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	1,050.65	47.59
<b>08 38 19 00-0342</b> <b>Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0310)</small>		
<b>08 38 19 00-0343</b> <b>12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0342)</small>		
08 38 19 00-0344 SET 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	459.44	47.59
08 38 19 00-0345 SET 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	486.01	47.59
08 38 19 00-0346 SET 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	565.73	47.59
08 38 19 00-0347 SET 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	605.58	47.59
08 38 19 00-0348 SET 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	718.51	47.59
<b>08 38 19 00-0349</b> <b>24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0342)</small>		
08 38 19 00-0350 SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	645.44	47.59
08 38 19 00-0351 SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	765.01	47.59
08 38 19 00-0352 SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	884.58	47.59
08 38 19 00-0353 SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	1,030.72	47.59
08 38 19 00-0354 SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	1,163.58	47.59
<b>08 38 19 00-0355</b> <b>30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0342)</small>		
08 38 19 00-0356 SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	738.44	47.59
08 38 19 00-0357 SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	897.87	47.59
08 38 19 00-0358 SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	1,044.01	47.59
08 38 19 00-0359 SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	1,196.79	47.59
08 38 19 00-0360 SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	1,376.15	47.59
<b>08 38 19 00-0361</b> <b>36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors</b> <small>(08 38 19 00-0342)</small>		
08 38 19 00-0362 SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors.....	858.01	47.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0363 SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,030.72	47.59
08 38 19 00-0364 SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,230.01	47.59
08 38 19 00-0365 SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,422.65	47.59
08 38 19 00-0366 SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,588.72	47.59
<b>08 38 19 00-0367 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <sup>(08</sup></b>		
<small><sup>38 19 00-0342)</sup></small>		
08 38 19 00-0368 SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,070.58	47.59
08 38 19 00-0369 SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,482.43	47.59
08 38 19 00-0370 SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,588.72	47.59
08 38 19 00-0371 SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,907.57	47.59
08 38 19 00-0372 SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	2,093.57	47.59
<b>08 38 19 00-0373 One Galvanized And One Stainless Steel, 18 Gauge Base Plates For</b>		
<b>Impact Traffic Doors <sup>(08 38 19 00-0310)</sup></b>		
<b>08 38 19 00-0374 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates</b>		
<b>For Impact Traffic Doors <sup>(08 38 19 00-0373)</sup></b>		
08 38 19 00-0375 SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	406.30	47.59
08 38 19 00-0376 SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	439.51	47.59
08 38 19 00-0377 SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	479.37	47.59
08 38 19 00-0378 SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	525.87	47.59
08 38 19 00-0379 SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	598.94	47.59
<b>08 38 19 00-0380 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates</b>		
<b>For Impact Traffic Doors <sup>(08 38 19 00-0373)</sup></b>		
08 38 19 00-0381 SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	552.44	47.59
08 38 19 00-0382 SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	632.16	47.59
08 38 19 00-0383 SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	711.87	47.59
08 38 19 00-0384 SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	798.23	47.59
08 38 19 00-0385 SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	897.87	47.59
<b>08 38 19 00-0386 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates</b>		
<b>For Impact Traffic Doors <sup>(08 38 19 00-0373)</sup></b>		
08 38 19 00-0387 SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	632.16	47.59
08 38 19 00-0388 SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	731.80	47.59
08 38 19 00-0389 SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	844.72	47.59
08 38 19 00-0390 SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	984.22	47.59
08 38 19 00-0391 SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,077.22	47.59
<b>08 38 19 00-0392 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates</b>		
<b>For Impact Traffic Doors <sup>(08 38 19 00-0373)</sup></b>		
08 38 19 00-0393 SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	711.87	47.59
08 38 19 00-0394 SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	844.72	47.59
08 38 19 00-0395 SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	984.22	47.59
08 38 19 00-0396 SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,123.72	47.59
08 38 19 00-0397 SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,223.36	47.59
<b>08 38 19 00-0398 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates</b>		
<b>For Impact Traffic Doors <sup>(08 38 19 00-0373)</sup></b>		
08 38 19 00-0399 SET 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	897.87	47.59
08 38 19 00-0400 SET 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,103.79	47.59
08 38 19 00-0401 SET 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,223.36	47.59
08 38 19 00-0402 SET 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,462.50	47.59
08 38 19 00-0403 SET 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors .....	1,528.93	47.59
<b>08 38 19 00-0404 Jamb Guards For Impact Traffic Doors <sup>(08 38 19 00-0267)</sup></b>		
08 38 19 00-0405 EA 3" x 9", Jamb Guard For Impact Traffic Doors .....	557.69	59.48
08 38 19 00-0406 EA 5" x 18", Jamb Guard For Impact Traffic Doors .....	756.97	59.48
08 38 19 00-0407 EA 5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors .....	1,487.68	59.48
<b>08 38 19 00-0408 Other Impact Traffic Door Accessories <sup>(08 38 19 00-0267)</sup></b>		
08 38 19 00-0409 EA Push Plate For Impact Traffic Doors .....	136.02	29.74
08 38 19 00-0410 EA Pull Handle For Impact Traffic Doors .....	182.52	29.74
08 38 19 00-0411 EA Deadbolt Lock For Impact Traffic Doors .....	468.16	29.74
08 38 19 00-0412 PR Lock Hole Reinforcements For Impact Traffic Doors .....	587.73	29.74
08 38 19 00-0413 PR Padlock Brackets For Impact Traffic Doors .....	229.02	29.74
<b>08 38 19 00-0414 Impact Traffic Door Knock Down Frames <sup>(08 38 19)</sup></b>		
Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		

**08 Openings****08 30 Specialty Doors and Frames****08 38 Traffic Doors**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 38 19 00-0415	Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)			
08 38 19 00-0416	84" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)			
08 38 19 00-0417	EA	24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,364.93	89.24
08 38 19 00-0418	EA	28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,608.77	98.15
08 38 19 00-0419	EA	30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,643.23	104.10
08 38 19 00-0420	EA	32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,680.83	113.03
08 38 19 00-0421	EA	36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,718.17	118.98
08 38 19 00-0422	EA	40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,790.98	124.93
08 38 19 00-0423	EA	42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,843.66	130.88
08 38 19 00-0424	EA	44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,877.88	136.82
08 38 19 00-0425	90" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)			
08 38 19 00-0426	EA	24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,394.56	89.24
08 38 19 00-0427	EA	28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,644.04	98.15
08 38 19 00-0428	EA	30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,679.12	104.10
08 38 19 00-0429	EA	32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,717.20	113.03
08 38 19 00-0430	EA	36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,755.17	118.98
08 38 19 00-0431	EA	40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,829.51	124.93
08 38 19 00-0432	EA	42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,883.19	130.88
08 38 19 00-0433	EA	44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,918.01	136.82
08 38 19 00-0434	96" Height, Single Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0415)			
08 38 19 00-0435	EA	24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,433.95	89.24
08 38 19 00-0436	EA	28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,690.94	98.15
08 38 19 00-0437	EA	30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,726.75	104.10
08 38 19 00-0438	EA	32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,753.84	113.03
08 38 19 00-0439	EA	36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,804.33	118.98
08 38 19 00-0440	EA	40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,868.03	124.93
08 38 19 00-0441	EA	42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,935.73	130.88
08 38 19 00-0442	EA	44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame.....	1,974.20	133.84
08 38 19 00-0443	Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0414)			
08 38 19 00-0444	84" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)			
08 38 19 00-0445	EA	48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,912.09	136.82
08 38 19 00-0446	EA	56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,942.00	139.20
08 38 19 00-0447	EA	60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,980.46	142.77
08 38 19 00-0448	EA	64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,030.54	148.72
08 38 19 00-0449	EA	72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,060.71	154.67
08 38 19 00-0450	EA	80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,132.18	155.86
08 38 19 00-0451	EA	84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,179.69	157.65
08 38 19 00-0452	EA	88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,236.56	160.62
08 38 19 00-0453	90" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)			
08 38 19 00-0454	EA	48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,953.01	136.82
08 38 19 00-0455	EA	56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	1,983.52	139.20
08 38 19 00-0456	EA	60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,022.84	142.77
08 38 19 00-0457	EA	64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,073.85	148.72
08 38 19 00-0458	EA	72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,104.55	154.67
08 38 19 00-0459	EA	80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,177.68	155.86
08 38 19 00-0460	EA	84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,228.29	157.65
08 38 19 00-0461	EA	88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,284.45	160.62
08 38 19 00-0462	96" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)			
08 38 19 00-0463	EA	48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,000.78	136.82
08 38 19 00-0464	EA	56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,024.97	139.20
08 38 19 00-0465	EA	60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,079.10	142.77
08 38 19 00-0466	EA	64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,117.17	148.72
08 38 19 00-0467	EA	72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,162.68	154.67
08 38 19 00-0468	EA	80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,244.77	155.86
08 38 19 00-0469	EA	84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,288.20	157.65
08 38 19 00-0470	EA	88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame.....	2,335.96	160.62

**08 40 Entrances, Storefronts, and Curtain Walls** (08)**08 42 Entrances** (08 40)**08 42 13 Aluminum-Framed Entrances** (08 42)**08 42 13 00-0001 Aluminum Framed Entrance Doors** (08 42 13)

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2087 for exit device, 08 71 11 00-2220 for closer.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 13 00-0002 EA 3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors.....	8,025.25	889.78
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	742.73	
For Black Finish, Add	2,133.17	
For 8' High Door, Add	769.49	
For 10' High Door, Add	1,672.81	
For 1" Insulated Glazing, Add	166.25	
08 42 13 00-0003 EA 3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors .....	8,202.00	977.82
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	747.54	
For Black Finish, Add	2,146.99	
For 8' High Door, Add	774.48	
For 10' High Door, Add	1,683.65	
For 1" Insulated Glazing, Add	166.25	
08 42 13 00-0004 PR 6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors.....	13,590.82	1,334.40
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	1,286.91	
For Black Finish, Add	3,696.11	
For 8' High Door, Add	1,333.29	
For 10' High Door, Add	2,898.45	
For 1" Insulated Glazing, Add	332.50	
08 42 13 00-0005 PR 7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors.....	15,914.82	1,454.06
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	1,523.70	
For Black Finish, Add	4,376.18	
For 8' High Door, Add	1,578.61	
For 10' High Door, Add	3,431.76	
For 1" Insulated Glazing, Add	332.50	
08 42 13 00-0006 EA 3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors .....	8,935.78	889.78
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	843.80	
For Black Finish, Add	2,423.44	
For 8' High Door, Add	874.20	
For 10' High Door, Add	1,900.44	
For 1" Insulated Glazing, Add	166.25	
08 42 13 00-0007 EA 3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors.....	9,168.89	977.82
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	854.87	
For Black Finish, Add	2,455.24	
For 8' High Door, Add	885.67	
For 10' High Door, Add	1,925.37	
For 1" Insulated Glazing, Add	166.25	
08 42 13 00-0008 PR 6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors .....	15,312.15	1,334.40
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	1,477.98	
For Black Finish, Add	4,244.87	
For 8' High Door, Add	1,531.24	
For 10' High Door, Add	3,328.79	
For 1" Insulated Glazing, Add	332.50	
08 42 13 00-0009 PR 7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors .....	17,585.90	1,454.06
Note: Including Glazing, Trim And Hardware		
For Bronze Finish, Add	1,709.19	
For Black Finish, Add	4,908.92	
For 8' High Door, Add	1,770.78	
For 10' High Door, Add	3,849.53	
For 1" Insulated Glazing, Add	332.50	

**08 42 26 All-Glass Entrances (08 42)**

08 42 26 00-0001 Full Glass Entrance Doors <small>(08 42 26)</small>		
Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.		
08 42 26 00-0002 EA 3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door.....	6,687.76	333.50
Note: Including Trim And Hardware		
For Anodized Color, Add	963.68	
For Stainless Steel, Add	3,479.94	
For 8' High Door, Add	615.68	
For 10' High Door, Add	1,338.44	
For 1" Insulated Glazing, Add	166.25	
08 42 26 00-0003 PR 6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2").....	12,014.28	400.20
Note: Including Trim And Hardware		
For Anodized Color, Add	1,819.54	
For Stainless Steel, Add	6,570.56	
For 8' High Door, Add	1,162.48	
For 10' High Door, Add	2,527.14	
For 1" Insulated Glazing, Add	332.50	
08 42 26 00-0004 EA 3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door.....	7,652.27	333.50
Note: Including Trim And Hardware		
For Anodized Color, Add	1,137.29	
For Stainless Steel, Add	4,106.87	
For 8' High Door, Add	726.60	
For 10' High Door, Add	1,579.57	
For 1" Insulated Glazing, Add	166.25	

**08 Openings****08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 42 26 00-0005	PR	6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8")	14,090.93		400.20
		Note: Including Trim And Hardware			
		For Anodized Color, Add	2,193.34		
		For Stainless Steel, Add	7,920.39		
		For 8' High Door, Add	1,401.30		
		For 10' High Door, Add	3,046.30		
		For 1" Insulated Glazing, Add	332.50		
08 42 26 00-0006	EA	3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door	8,613.00		333.50
		Note: Including Trim And Hardware			
		For Anodized Color, Add	1,310.22		
		For Stainless Steel, Add	4,731.34		
		For 8' High Door, Add	837.08		
		For 10' High Door, Add	1,819.75		
		For 1" Insulated Glazing, Add	166.25		
08 42 26 00-0007	PR	6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4")	16,164.19		400.20
		Note: Including Trim And Hardware			
		For Anodized Color, Add	2,566.52		
		For Stainless Steel, Add	9,268.01		
		For 8' High Door, Add	1,639.72		
		For 10' High Door, Add	3,564.62		
		For 1" Insulated Glazing, Add	332.50		
08 42 26 00-0008	EA	3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door	10,538.19		333.50
		Note: Including Trim And Hardware			
		For Anodized Color, Add	1,656.75		
		For Stainless Steel, Add	5,982.72		
		For 8' High Door, Add	1,058.48		
		For 10' High Door, Add	2,301.05		
		For 1" Insulated Glazing, Add	166.25		
08 42 26 00-0009	PR	6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1")	20,314.07		400.20
		Note: Including Trim And Hardware			
		For Anodized Color, Add	3,313.50		
		For Stainless Steel, Add	11,965.43		
		For 8' High Door, Add	2,116.96		
		For 10' High Door, Add	4,602.09		
		For 1" Insulated Glazing, Add	332.50		
08 42 26 00-0010		<b>Frames For Full Glass Doors</b> (08 42 26)			
08 42 26 00-0011	LF	Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	33.89		4.00
08 42 26 00-0012	LF	Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head	43.83		5.33
08 42 29		<b>Automatic Entrances</b> (08 42)			
08 42 29 23		<b>Sliding Automatic Entrances</b> (08 42 29)			
		Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.			
08 42 29 23-0001		<b>Bronze Finished Framed Sliding Automatic Entrances</b> (08 42 29 23)			
08 42 29 23-0002		<b>2 Panel, Bronze Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0001)			
		Note: Single sliding.			
08 42 29 23-0003	EA	5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	3,684.59		133.40
08 42 29 23-0004	EA	6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,083.84		180.10
08 42 29 23-0005	EA	7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,441.08		200.11
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	4,788.10		220.11
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,298.85		266.80
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	6,528.31		313.49
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,747.30		360.18
08 42 29 23-0010		<b>4 Panel, Bronze Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0001)			
		Note: Bi-parting.			
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	7,355.73		333.50
08 42 29 23-0012	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	8,773.85		400.20
08 42 29 23-0013	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance	12,477.49		466.77
08 42 29 23-0014		<b>Aluminum Finished Framed Sliding Automatic Entrances</b> (08 42 29 23)			
08 42 29 23-0015		<b>2 Panel, Aluminum Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0014)			
		Note: Single sliding.			
08 42 29 23-0016	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,362.59		133.40
08 42 29 23-0017	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	3,733.06		180.10
08 42 29 23-0018	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,054.49		200.11
08 42 29 23-0019	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	4,378.48		220.11
08 42 29 23-0020	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,755.75		266.80
08 42 29 23-0021	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	5,972.35		313.49
08 42 29 23-0022	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance	7,991.17		360.18
08 42 29 23-0023		<b>4 Panel, Aluminum Finished Framed Sliding Automatic Entrance</b> (08 42 29 23-0014)			
		Note: Bi-parting.			
08 42 29 23-0024	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	6,725.64		333.50
08 42 29 23-0025	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance	8,022.67		400.20





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0026 EA 20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance.....	11,390.04	466.77
<b>08 42 29 23-0027 Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)</b>		
<b>08 42 29 23-0028 2 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0027)</b>		
Note: Single sliding.		
08 42 29 23-0029 EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	4,228.79	133.40
08 42 29 23-0030 EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	4,676.79	180.10
08 42 29 23-0031 EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	5,440.39	200.11
08 42 29 23-0032 EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	6,247.91	220.11
08 42 29 23-0033 EA 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	7,216.90	266.80
08 42 29 23-0034 EA 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	7,467.99	313.49
08 42 29 23-0035 EA 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	10,025.55	360.18
<b>08 42 29 23-0036 4 Panel, Stainless Steel Framed Sliding Automatic Entrance (08 42 29 23-0027)</b>		
Note: Bi-parting.		
08 42 29 23-0037 EA 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	8,420.84	333.50
08 42 29 23-0038 EA 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	10,043.46	400.20
08 42 29 23-0039 EA 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	14,315.69	466.90
<b>08 42 29 23-0040 Accessories For Sliding Automatic Entrances (08 42 29 23)</b>		
See CSI section 08 42 29 33-0006 for eye operators.		
08 42 29 23-0041 EA Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	8,327.67	1,189.77
Note: Includes motor for pair of sliding doors (2 panels).		
08 42 29 23-0042 EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	14,122.44	1,784.66
Note: Includes motor for pair of sliding doors (4 panel).		
<b>08 42 29 33 Swinging Automatic Entrances (08 42 29)</b>		
Note: Excludes glazing.		
<b>08 42 29 33-0001 Swing Door Operators, Up To 350 Lb. Panel Weight (08 42 29 33)</b>		
Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.		
08 42 29 33-0002 EA Concealed Single Door Swing Door Operator, Up To 350 Lb. Panel.....	4,401.27	579.52
Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0003 EA Concealed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel.....	7,644.18	772.73
Note: For new storefront or existing concealed operator installations.		
08 42 29 33-0004 EA Exposed Single Door Swing Door Operator, Up To 350 Lb. Panel.....	3,665.86	463.61
08 42 29 33-0005 EA Exposed Pair Of Doors Swing Door Operator, Up To 350 Lb. Panel.....	6,635.67	695.42
<b>08 42 29 33-0006 Activation Devices For Door Operators (08 42 29 33)</b>		
08 42 29 33-0007 EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97).....	472.81	46.36
Note: Includes wiring harness and relays.		
08 42 29 33-0008 EA On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS).....	418.93	46.36
Note: Includes wiring harness and relays.		
08 42 29 33-0009 EA Microwave Motion Sensor For Door Operator (MS Sedco D38).....	423.23	46.36
Note: Includes wiring harness and relays.		
08 42 29 33-0010 EA 4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H).....	200.28	46.36
Note: Excludes wiring from operator to push plate.		
08 42 29 33-0011 EA 1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H).....	215.90	46.36
Note: Excludes wiring from operator to push button.		
08 42 29 33-0012 EA 1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425).....	140.05	46.36
Note: Excludes wiring from operator to push button.		
08 42 29 33-0013 EA Radio Control System For Door Operator (MS Sedco Clearpath).....	709.61	115.91
Note: Includes receiver and two push plate transmitters.		
<i>For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct -64.00</i>		
08 42 29 33-0014 EA Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision).....	1,026.10	57.95
Note: Includes wiring harness and relays.		
08 42 29 33-0015 EA Guard Rail For Door With Operator.....	254.38	57.95
<b>08 42 33 Revolving Door Entrances (08 42)</b>		
<b>08 42 33 00-0001 Aluminum Revolving Doors (08 42 33)</b>		
Note: Includes 3/4" tempered glass.		
08 42 33 00-0002 EA 4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	37,531.65	6,327.25
<i>For Automatic Controls, Add 8,330.02</i>		
<i>For Powder Coated, Add 1,411.37</i>		
08 42 33 00-0003 EA 5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	51,012.73	9,491.02
<i>For Automatic Controls, Add 10,070.03</i>		
<i>For Powder Coated, Add 1,773.55</i>		
08 42 33 00-0004 EA 6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	76,724.83	11,389.16
<i>For Automatic Controls, Add 11,114.04</i>		
<i>For Powder Coated, Add 3,136.37</i>		
08 42 33 00-0005 EA 4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	41,748.97	6,959.92
<i>For Automatic Controls, Add 8,685.13</i>		
<i>For Powder Coated, Add 1,580.58</i>		



**08 Openings****08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 33 00-0006	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	56,441.00	10,440.44
			<i>For Automatic Controls, Add</i>	10,544.58	
			<i>For Powder Coated, Add</i>	1,986.18	
08 42 33 00-0007	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	85,673.40	12,528.08
			<i>For Automatic Controls, Add</i>	11,810.04	
			<i>For Powder Coated, Add</i>	3,512.39	
<b>08 42 33 00-0008</b>			<b>Stainless Steel Revolving Doors</b> <small>(08 42 33)</small>		
			Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware .....	38,467.23	6,327.25
			<i>For Automatic Controls, Add</i>	8,330.02	
08 42 33 00-0010	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware .....	52,188.40	9,491.02
			<i>For Automatic Controls, Add</i>	10,070.03	
08 42 33 00-0011	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware .....	78,803.91	11,389.16
			<i>For Automatic Controls, Add</i>	11,114.04	
08 42 33 00-0012	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware .....	42,799.21	6,959.92
			<i>For Automatic Controls, Add</i>	8,685.13	
08 42 33 00-0013	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware .....	57,760.76	10,440.44
			<i>For Automatic Controls, Add</i>	10,544.58	
08 42 33 00-0014	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware .....	88,007.28	12,528.08
			<i>For Automatic Controls, Add</i>	11,810.04	
<b>08 42 33 00-0015</b>			<b>Bronze Revolving Doors</b> <small>(08 42 33)</small>		
			Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware .....	35,167.78	6,327.25
			<i>For Automatic Controls, Add</i>	8,330.02	
08 42 33 00-0017	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware .....	48,042.26	9,491.02
			<i>For Automatic Controls, Add</i>	10,070.03	
08 42 33 00-0018	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware .....	71,471.79	11,389.16
			<i>For Automatic Controls, Add</i>	11,114.04	
08 42 33 00-0019	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware .....	39,103.83	6,959.92
			<i>For Automatic Controls, Add</i>	8,685.13	
08 42 33 00-0020	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware .....	53,117.08	10,440.44
			<i>For Automatic Controls, Add</i>	10,544.58	
08 42 33 00-0021	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware .....	79,795.31	12,528.08
			<i>For Automatic Controls, Add</i>	11,810.04	
<b>08 42 36</b>			<b>Balanced Door Entrances</b> <small>(08 42)</small>		
<b>08 42 36 00-0001</b>			<b>Balanced Doors, With Glass</b> <small>(08 42 36)</small>		
			Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA		2'-6" x 7'-0" Balanced Door, Stainless Steel .....	14,050.80	360.86
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-3,287.09	
			<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1,314.84	
			<i>For Tinted Glass, Add</i>	657.42	
			<i>For Aluminum, Painted Finish, Deduct</i>	-3,944.51	
08 42 36 00-0003	EA		3'-0" x 7'-0" Balanced Door, Stainless Steel .....	14,584.76	360.86
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-3,420.58	
			<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1,368.23	
			<i>For Tinted Glass, Add</i>	684.12	
			<i>For Aluminum, Painted Finish, Deduct</i>	-4,104.70	
08 42 36 00-0004	EA		3'-6" x 7'-0" Balanced Door, Stainless Steel .....	15,881.60	360.86
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-3,744.79	
			<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1,497.92	
			<i>For Tinted Glass, Add</i>	748.96	
			<i>For Aluminum, Painted Finish, Deduct</i>	-4,493.75	
08 42 36 00-0005	EA		4'-0" x 7'-0" Balanced Door, Stainless Steel .....	17,407.33	360.86
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-4,126.22	
			<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	1,650.49	
			<i>For Tinted Glass, Add</i>	825.24	
			<i>For Aluminum, Painted Finish, Deduct</i>	-4,951.47	
08 42 36 00-0006	PR		Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel .....	29,079.32	685.86
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	-6,841.17	
			<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	2,736.47	
			<i>For Tinted Glass, Add</i>	1,368.23	
			<i>For Aluminum, Painted Finish, Deduct</i>	-8,209.40	
<b>08 43</b>			<b>Storefronts</b> <small>(08 40)</small>		
<b>08 43 13</b>			<b>Aluminum-Framed Storefronts</b> <small>(08 43)</small>		
<b>08 43 13 00-0001</b>			<b>Aluminum Storefront Framing Assembly</b> <small>(08 43 13)</small>		
			Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0047 for laminated glazing, 08 81 23 23-0053 for insulated glazing.		
<b>08 43 13 00-0002</b>			<b>1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0003 SF 5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	30.93 0.96 2.89	9.79
08 43 13 00-0004 SF 6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	27.79 0.87 2.60	8.81
08 43 13 00-0005 SF 7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	25.55 0.79 2.38	8.13
08 43 13 00-0006 SF 8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	23.89 0.74 2.22	7.61
08 43 13 00-0007 SF 9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.59 0.70 2.10	7.20
08 43 13 00-0008 SF 10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	21.55 0.67 2.00	6.88
08 43 13 00-0009 SF 11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.68 0.64 1.92	6.62
08 43 13 00-0010 SF 12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.98 0.62 1.85	6.39
 <b>08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
<small>Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.</small>		
08 43 13 00-0012 SF 5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	40.35 1.26 3.78	12.81
08 43 13 00-0013 SF 6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	35.60 1.11 3.34	11.34
08 43 13 00-0014 SF 7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	32.36 1.01 3.02	10.27
08 43 13 00-0015 SF 8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	29.84 0.93 2.78	9.47
08 43 13 00-0016 SF 9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	27.87 0.86 2.59	8.80
08 43 13 00-0017 SF 10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	26.26 0.81 2.44	8.40
08 43 13 00-0018 SF 11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	25.04 0.77 2.32	8.01
08 43 13 00-0019 SF 12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	23.95 0.74 2.22	7.61
 <b>08 43 13 00-0020 1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
<small>Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.</small>		
08 43 13 00-0021 SF 5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	49.79 1.56 4.67	15.74
08 43 13 00-0022 SF 6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	43.58 1.36 4.07	13.74
08 43 13 00-0023 SF 7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly ..... <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	39.08 1.22 3.65	12.40

**08 Openings****08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 43 13 00-0024	SF	8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	35.71		11.34
		<i>For Various Color Class I Anodized Finish, Add</i>	1.11		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.33		
08 43 13 00-0025	SF	9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.01		10.54
		<i>For Various Color Class I Anodized Finish, Add</i>	1.03		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.08		
08 43 13 00-0026	SF	10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.98		9.87
		<i>For Various Color Class I Anodized Finish, Add</i>	0.96		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.89		
08 43 13 00-0027	SF	11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.29		9.34
		<i>For Various Color Class I Anodized Finish, Add</i>	0.91		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.73		
08 43 13 00-0028	SF	12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.86		8.93
		<i>For Various Color Class I Anodized Finish, Add</i>	0.86		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.59		
<b>08 43 13 00-0029</b>		<b>2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly</b> (08 43 13 00-0001)			
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0030	SF	5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.90		10.27
		<i>For Various Color Class I Anodized Finish, Add</i>	0.99		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.96		
08 43 13 00-0031	SF	6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.69		9.21
		<i>For Various Color Class I Anodized Finish, Add</i>	0.88		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.64		
08 43 13 00-0032	SF	7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.25		8.54
		<i>For Various Color Class I Anodized Finish, Add</i>	0.81		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.42		
08 43 13 00-0033	SF	8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.51		8.01
		<i>For Various Color Class I Anodized Finish, Add</i>	0.75		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.25		
08 43 13 00-0034	SF	9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.12		7.47
		<i>For Various Color Class I Anodized Finish, Add</i>	0.71		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.12		
08 43 13 00-0035	SF	10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.14		7.20
		<i>For Various Color Class I Anodized Finish, Add</i>	0.67		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.02		
08 43 13 00-0036	SF	11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.13		6.94
		<i>For Various Color Class I Anodized Finish, Add</i>	0.64		
		<i>For Black Color Class I Anodized Finish, Add</i>	1.93		
08 43 13 00-0037	SF	12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.47		6.67
		<i>For Various Color Class I Anodized Finish, Add</i>	0.62		
		<i>For Black Color Class I Anodized Finish, Add</i>	1.86		
<b>08 43 13 00-0038</b>		<b>2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly</b> (08 43 13 00-0001)			
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0039	SF	5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	42.43		13.87
		<i>For Various Color Class I Anodized Finish, Add</i>	1.28		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.84		
08 43 13 00-0040	SF	6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	37.33		12.27
		<i>For Various Color Class I Anodized Finish, Add</i>	1.13		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.38		
08 43 13 00-0041	SF	7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.77		11.08
		<i>For Various Color Class I Anodized Finish, Add</i>	1.02		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.05		
08 43 13 00-0042	SF	8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.06		10.27
		<i>For Various Color Class I Anodized Finish, Add</i>	0.94		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.81		
08 43 13 00-0043	SF	9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.06		9.61
		<i>For Various Color Class I Anodized Finish, Add</i>	0.87		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.61		
08 43 13 00-0044	SF	10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.26		9.07
		<i>For Various Color Class I Anodized Finish, Add</i>	0.82		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.46		
08 43 13 00-0045	SF	11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.90		8.54
		<i>For Various Color Class I Anodized Finish, Add</i>	0.78		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.33		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0046 SF 12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.78	8.14
<i>For Various Color Class I Anodized Finish, Add</i>	0.74	
<i>For Black Color Class I Anodized Finish, Add</i>	2.23	
<b>08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0048 SF 5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	51.22	16.54
<i>For Various Color Class I Anodized Finish, Add</i>	1.58	
<i>For Black Color Class I Anodized Finish, Add</i>	4.73	
08 43 13 00-0049 SF 6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	44.77	14.41
<i>For Various Color Class I Anodized Finish, Add</i>	1.37	
<i>For Black Color Class I Anodized Finish, Add</i>	4.12	
08 43 13 00-0050 SF 7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	40.08	12.94
<i>For Various Color Class I Anodized Finish, Add</i>	1.23	
<i>For Black Color Class I Anodized Finish, Add</i>	3.68	
08 43 13 00-0051 SF 8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.67	11.87
<i>For Various Color Class I Anodized Finish, Add</i>	1.12	
<i>For Black Color Class I Anodized Finish, Add</i>	3.36	
08 43 13 00-0052 SF 9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.92	10.94
<i>For Various Color Class I Anodized Finish, Add</i>	1.04	
<i>For Black Color Class I Anodized Finish, Add</i>	3.11	
08 43 13 00-0053 SF 10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.72	10.27
<i>For Various Color Class I Anodized Finish, Add</i>	0.97	
<i>For Black Color Class I Anodized Finish, Add</i>	2.90	
08 43 13 00-0054 SF 11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.01	9.74
<i>For Various Color Class I Anodized Finish, Add</i>	0.91	
<i>For Black Color Class I Anodized Finish, Add</i>	2.74	
08 43 13 00-0055 SF 12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.43	9.34
<i>For Various Color Class I Anodized Finish, Add</i>	0.87	
<i>For Black Color Class I Anodized Finish, Add</i>	2.60	
<b>08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0057 SF 5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.05	10.54
<i>For Various Color Class I Anodized Finish, Add</i>	1.39	
<i>For Black Color Class I Anodized Finish, Add</i>	4.17	
08 43 13 00-0058 SF 6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	35.12	9.47
<i>For Various Color Class I Anodized Finish, Add</i>	1.25	
<i>For Black Color Class I Anodized Finish, Add</i>	3.75	
08 43 13 00-0059 SF 7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.39	8.67
<i>For Various Color Class I Anodized Finish, Add</i>	1.15	
<i>For Black Color Class I Anodized Finish, Add</i>	3.45	
08 43 13 00-0060 SF 8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.33	8.14
<i>For Various Color Class I Anodized Finish, Add</i>	1.08	
<i>For Black Color Class I Anodized Finish, Add</i>	3.23	
08 43 13 00-0061 SF 9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.70	7.74
<i>For Various Color Class I Anodized Finish, Add</i>	1.02	
<i>For Black Color Class I Anodized Finish, Add</i>	3.05	
08 43 13 00-0062 SF 10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.40	7.33
<i>For Various Color Class I Anodized Finish, Add</i>	0.97	
<i>For Black Color Class I Anodized Finish, Add</i>	2.91	
08 43 13 00-0063 SF 11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.36	7.07
<i>For Various Color Class I Anodized Finish, Add</i>	0.93	
<i>For Black Color Class I Anodized Finish, Add</i>	2.80	
08 43 13 00-0064 SF 12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.42	6.80
<i>For Various Color Class I Anodized Finish, Add</i>	0.90	
<i>For Black Color Class I Anodized Finish, Add</i>	2.70	
<b>08 43 13 00-0065 2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0066 SF 5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	51.66	14.15
<i>For Various Color Class I Anodized Finish, Add</i>	1.81	
<i>For Black Color Class I Anodized Finish, Add</i>	5.43	

**08 Openings****08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	45.62	12.54
		<i>For Various Color Class I Anodized Finish, Add</i>	1.60	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.80	
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	41.38	11.34
		<i>For Various Color Class I Anodized Finish, Add</i>	1.45	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.35	
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	38.19	10.40
		<i>For Various Color Class I Anodized Finish, Add</i>	1.34	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.02	
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	35.66	9.74
		<i>For Various Color Class I Anodized Finish, Add</i>	1.25	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.75	
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.69	9.21
		<i>For Various Color Class I Anodized Finish, Add</i>	1.18	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.54	
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.07	8.80
		<i>For Various Color Class I Anodized Finish, Add</i>	1.12	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.37	
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	30.62	8.40
		<i>For Various Color Class I Anodized Finish, Add</i>	1.08	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.23	
08 43 13 00-0074		<b>2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	62.13	16.54
		<i>For Various Color Class I Anodized Finish, Add</i>	2.23	
		<i>For Black Color Class I Anodized Finish, Add</i>	6.69	
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	54.66	14.68
		<i>For Various Color Class I Anodized Finish, Add</i>	1.95	
		<i>For Black Color Class I Anodized Finish, Add</i>	5.85	
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	49.07	13.21
		<i>For Various Color Class I Anodized Finish, Add</i>	1.75	
		<i>For Black Color Class I Anodized Finish, Add</i>	5.25	
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	44.97	12.00
		<i>For Various Color Class I Anodized Finish, Add</i>	1.60	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.80	
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	41.69	11.21
		<i>For Various Color Class I Anodized Finish, Add</i>	1.49	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.46	
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.07	10.54
		<i>For Various Color Class I Anodized Finish, Add</i>	1.39	
		<i>For Black Color Class I Anodized Finish, Add</i>	4.17	
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.86	9.87
		<i>For Various Color Class I Anodized Finish, Add</i>	1.32	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.95	
08 43 13 00-0082	SF	12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	35.14	9.47
		<i>For Various Color Class I Anodized Finish, Add</i>	1.25	
		<i>For Black Color Class I Anodized Finish, Add</i>	3.75	
08 43 13 00-0083		<b>Accessories For Aluminum Storefront Framing Assembly</b> <small>(08 43 13 00-0001)</small>		
08 43 13 00-0084	LF	For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing.....	40.05	8.87
08 43 13 00-0085	LF	For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing.....	45.54	9.77
08 43 13 00-0086	LF	For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing.....	68.34	10.73
08 43 19		<b>Stainless-Steel-Framed Storefronts</b> <small>(08 43)</small>		
08 43 19 00-0001		<b>Stainless Steel Storefront Framing Assembly</b> <small>(08 43 19)</small>		
		Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0053 for insulated glazing.		
08 43 19 00-0002	SF	Stainless Steel Storefront Framing Assembly.....	57.02	6.67
		<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	4.69	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**08 44 Curtain Wall and Glazed Assemblies** (08 40)

**08 44 13 Glazed Aluminum Curtain Walls** (08 44)

**08 44 13 00-0001 Curtain Walls** (08 44 13)

**08 44 13 00-0002 Coping Sections** (08 44 13 00-0001)

08 44 13 00-0003	LF Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section .....	75.82	
	For Bronze Anodized Aluminum, Add	7.86	
	For Stainless Steel, Add	32.62	
	For Black Anodized Finish, Add	14.15	
08 44 13 00-0004	LF Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section .....	78.62	4.00
	For Bronze Anodized Aluminum, Add	8.28	
	For Stainless Steel, Add	34.30	
	For Black Anodized Finish, Add	14.91	
08 44 13 00-0005	LF Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section .....	94.69	5.33
	For Bronze Anodized Aluminum, Add	9.83	
	For Stainless Steel, Add	40.78	
	For Black Anodized Finish, Add	17.69	

**08 44 13 00-0006 Sill Section** (08 44 13 00-0001)

08 44 13 00-0007	LF Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section .....	58.21	
	For Bronze Anodized Aluminum, Add	6.26	
	For Stainless Steel, Add	25.87	
	For Black Anodized Finish, Add	11.27	
08 44 13 00-0008	LF Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section .....	62.67	2.67
	For Bronze Anodized Aluminum, Add	6.93	
	For Stainless Steel, Add	28.54	
	For Black Anodized Finish, Add	12.47	
08 44 13 00-0009	LF Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section .....	67.18	2.67
	For Bronze Anodized Aluminum, Add	7.61	
	For Stainless Steel, Add	31.25	
	For Black Anodized Finish, Add	13.69	

**08 44 13 00-0010 Aluminum Column Covers** (08 44 13 00-0001)

Note: Includes all clips and fasteners.

08 44 13 00-0011	LF Aluminum Column Covers, 1/8" x 26", Shaped .....	152.09	
	For Bronze Anodized Aluminum, Add	17.18	
	For Stainless Steel, Add	70.59	
	For Black Anodized Finish, Add	30.92	
08 44 13 00-0012	LF Aluminum Column Covers, 1/8" x 34", Shaped .....	186.01	6.67
	For Bronze Anodized Aluminum, Add	21.93	
	For Stainless Steel, Add	89.71	
	For Black Anodized Finish, Add	39.47	
08 44 13 00-0013	LF Aluminum Column Covers, 1/8" x 38", Shaped .....	198.98	6.67
	For Bronze Anodized Aluminum, Add	23.87	
	For Stainless Steel, Add	97.49	
	For Black Anodized Finish, Add	42.97	

**08 44 13 00-0014 Spandrel Covers** (08 44 13 00-0001)

Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).

08 44 13 00-0015	SF 1" Spandrel Cover, Aluminum Both Faces .....	60.87	
	For Bronze Anodized Aluminum, Add	7.45	
	For Stainless Steel, Add	30.36	
	For Black Anodized Finish, Add	13.41	
08 44 13 00-0016	SF 1" Spandrel Cover, Aluminum Exterior Face .....	53.50	2.67
	For Bronze Anodized Aluminum, Add	6.34	
	For Stainless Steel, Add	25.93	
	For Black Anodized Finish, Add	11.42	
08 44 13 00-0017	SF 1" Spandrel Cover, Epoxy Both Faces .....	114.52	2.67
	For Bronze Anodized Aluminum, Add	15.50	
	For Stainless Steel, Add	62.55	
	For Black Anodized Finish, Add	27.89	
08 44 13 00-0018	SF 1" Spandrel Cover, Epoxy Exterior Face Only .....	93.74	2.67
	For Bronze Anodized Aluminum, Add	12.38	
	For Stainless Steel, Add	50.08	
	For Black Anodized Finish, Add	22.28	
08 44 13 00-0019	SF 2" Spandrel Cover, Aluminum Both Faces .....	68.60	2.67
	For Bronze Anodized Aluminum, Add	8.17	
	For Stainless Steel, Add	33.39	
	For Black Anodized Finish, Add	14.71	
08 44 13 00-0020	SF 2" Spandrel Cover, Aluminum Exterior Face .....	61.62	2.67
	For Bronze Anodized Aluminum, Add	7.13	
	For Stainless Steel, Add	29.21	
	For Black Anodized Finish, Add	12.83	
08 44 13 00-0021	SF 2" Spandrel Cover, Epoxy Both Faces .....	131.03	2.67
	For Bronze Anodized Aluminum, Add	17.54	
	For Stainless Steel, Add	70.85	
	For Black Anodized Finish, Add	31.57	



**08 Openings****08 40 Entrances, Storefronts, and Curtain Walls****08 44 Curtain Wall and Glazed Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0022	SF		2" Spandrel Cover, Epoxy Exterior Face Only .....	107.06	2.67
			<i>For Bronze Anodized Aluminum, Add</i>	13.94	
			<i>For Stainless Steel, Add</i>	56.47	
			<i>For Black Anodized Finish, Add</i>	25.09	
<b>08 44 13 00-0023</b>			<b>Curtain Wall, Aluminum System Framing Sections</b> <small>(08 44 13 00-0001)</small>		
			Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44 13 00-0024	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls .....	81.35	2.67
			<i>For Bronze Anodized Aluminum, Add</i>	10.62	
			<i>For Stainless Steel, Add</i>	42.99	
			<i>For Black Anodized Finish, Add</i>	19.11	
08 44 13 00-0025	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls .....	81.15	2.67
			<i>For Bronze Anodized Aluminum, Add</i>	10.62	
			<i>For Stainless Steel, Add</i>	42.98	
			<i>For Black Anodized Finish, Add</i>	19.11	
08 44 13 00-0026	LF		Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls .....	81.15	2.67
			<i>For Bronze Anodized Aluminum, Add</i>	10.62	
			<i>For Stainless Steel, Add</i>	42.98	
			<i>For Black Anodized Finish, Add</i>	19.11	
			<i>For Corner Mullion, Add</i>	19.25	
08 44 13 00-0027	LF		Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls .....	100.57	5.33
			<i>For Bronze Anodized Aluminum, Add</i>	12.68	
			<i>For Stainless Steel, Add</i>	51.54	
			<i>For Black Anodized Finish, Add</i>	22.83	
08 44 13 00-0028	LF		Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls .....	100.57	5.33
			<i>For Bronze Anodized Aluminum, Add</i>	12.68	
			<i>For Stainless Steel, Add</i>	51.54	
			<i>For Black Anodized Finish, Add</i>	22.83	
08 44 13 00-0029	LF		Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls .....	100.57	5.33
			<i>For Bronze Anodized Aluminum, Add</i>	12.68	
			<i>For Stainless Steel, Add</i>	51.54	
			<i>For Black Anodized Finish, Add</i>	22.83	
			<i>For Corner Mullion, Add</i>	23.54	
08 44 13 00-0030	LF		Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls .....	110.46	5.87
			<i>For Bronze Anodized Aluminum, Add</i>	13.90	
			<i>For Stainless Steel, Add</i>	56.49	
			<i>For Black Anodized Finish, Add</i>	25.02	
08 44 13 00-0031	LF		Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls .....	110.46	5.87
			<i>For Bronze Anodized Aluminum, Add</i>	13.90	
			<i>For Stainless Steel, Add</i>	56.49	
			<i>For Black Anodized Finish, Add</i>	25.02	
08 44 13 00-0032	LF		Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls .....	110.46	5.87
			<i>For Bronze Anodized Aluminum, Add</i>	13.90	
			<i>For Stainless Steel, Add</i>	56.49	
			<i>For Black Anodized Finish, Add</i>	25.02	
			<i>For Corner Mullion, Add</i>	25.84	
08 44 13 00-0033	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls .....	120.59	6.67
			<i>For Bronze Anodized Aluminum, Add</i>	15.12	
			<i>For Stainless Steel, Add</i>	61.49	
			<i>For Black Anodized Finish, Add</i>	27.22	
08 44 13 00-0034	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls .....	120.59	6.67
			<i>For Bronze Anodized Aluminum, Add</i>	15.12	
			<i>For Stainless Steel, Add</i>	61.49	
			<i>For Black Anodized Finish, Add</i>	27.22	
08 44 13 00-0035	LF		Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls .....	120.59	6.67
			<i>For Bronze Anodized Aluminum, Add</i>	15.12	
			<i>For Stainless Steel, Add</i>	61.49	
			<i>For Black Anodized Finish, Add</i>	27.22	
			<i>For Corner Mullion, Add</i>	28.17	
08 44 13 00-0036	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls .....	135.29	7.20
			<i>For Bronze Anodized Aluminum, Add</i>	17.06	
			<i>For Stainless Steel, Add</i>	69.31	
			<i>For Black Anodized Finish, Add</i>	30.70	
08 44 13 00-0037	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls .....	135.29	7.20
			<i>For Bronze Anodized Aluminum, Add</i>	17.06	
			<i>For Stainless Steel, Add</i>	69.31	
			<i>For Black Anodized Finish, Add</i>	30.70	
08 44 13 00-0038	LF		Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls .....	135.29	7.20
			<i>For Bronze Anodized Aluminum, Add</i>	17.06	
			<i>For Stainless Steel, Add</i>	69.31	
			<i>For Black Anodized Finish, Add</i>	30.70	
			<i>For Corner Mullion, Add</i>	31.67	
08 44 13 00-0039	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls .....	155.31	8.01
			<i>For Bronze Anodized Aluminum, Add</i>	19.58	
			<i>For Stainless Steel, Add</i>	79.57	
			<i>For Black Anodized Finish, Add</i>	35.25	
08 44 13 00-0040	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls .....	155.31	8.01
			<i>For Bronze Anodized Aluminum, Add</i>	19.58	
			<i>For Stainless Steel, Add</i>	79.57	
			<i>For Black Anodized Finish, Add</i>	35.25	
08 44 13 00-0041	LF		Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls .....	155.31	8.01
			<i>For Bronze Anodized Aluminum, Add</i>	19.58	
			<i>For Stainless Steel, Add</i>	79.57	
			<i>For Black Anodized Finish, Add</i>	35.25	
			<i>For Corner Mullion, Add</i>	36.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**08 50 Windows** (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

**08 51 Metal Windows** (08 51)**08 51 13 Aluminum Windows** (08 51)

See CSI section 08 80 00 00-0000 for glazing.

**08 51 13 00-0001 Aluminum Windows And Accessories** (08 51 13)

Note: Window replacement includes aluminum trim and panning

**08 51 13 00-0002 Heavy Commercial, Minimum Rating Of HC 40** (08 51 13 00-0001)

Note: Double glazed insulated window (glazing included). Traco series 9000 or equal

08 51 13 00-0003	SF Double Hung Window, Aluminum, With Insulated Glazing, HC 40 .....	206.04	25.08
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-36.87	
	For > 100 To 400, Deduct	-73.73	
	For > 400 To 800, Deduct	-103.22	
	For > 800 To 1000, Deduct	-108.15	
	For > 1000 To 2000, Deduct	-113.05	
	For > 2000 To 4000, Deduct	-117.97	
	For > 4000, Deduct	-122.89	
08 51 13 00-0004	SF Single Hung Window, Aluminum, With Insulated Glazing, HC 40 .....	195.29	27.88
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-34.72	
	For > 100 To 400, Deduct	-69.43	
	For > 400 To 800, Deduct	-97.20	
	For > 800 To 1000, Deduct	-101.84	
	For > 1000 To 2000, Deduct	-106.46	
	For > 2000 To 4000, Deduct	-111.09	
	For > 4000, Deduct	-115.73	
08 51 13 00-0005	SF Horizontal Sliding Window, Aluminum, With Insulated Glazing, HC 40 .....	188.84	31.35
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-33.43	
	For > 100 To 400, Deduct	-66.85	
	For > 400 To 800, Deduct	-93.59	
	For > 800 To 1000, Deduct	-98.06	
	For > 1000 To 2000, Deduct	-102.50	
	For > 2000 To 4000, Deduct	-106.96	
	For > 4000, Deduct	-111.43	

**08 Openings****08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0006	SF Picture (Fixed) Window, Aluminum, With Insulated Glazing, HC 40 .....	181.46	9.87
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-31.95	
	For > 100 To 400, Deduct	-63.90	
	For > 400 To 800, Deduct	-89.46	
	For > 800 To 1000, Deduct	-93.73	
	For > 1000 To 2000, Deduct	-97.97	
	For > 2000 To 4000, Deduct	-102.24	
	For > 4000, Deduct	-106.51	
08 51 13 00-0007	<b>Heavy Commercial, Minimum Rating Of HC 65</b> <small>(08 51 13 00-0001)</small>		
	Note: Double glazed insulated window (glazing included), Traco series 3000 or equal		
08 51 13 00-0008	SF Casement Window, Aluminum, With Insulated Glazing, HC 65 .....	260.11	14.94
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-47.68	
	For > 100 To 400, Deduct	-95.36	
	For > 400 To 800, Deduct	-133.50	
	For > 800 To 1000, Deduct	-139.87	
	For > 1000 To 2000, Deduct	-146.21	
	For > 2000 To 4000, Deduct	-152.58	
	For > 4000, Deduct	-158.94	
08 51 13 00-0009	SF Projected Sash Window, Aluminum, With Insulated Glazing, HC 65 .....	237.99	9.87
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-43.26	
	For > 100 To 400, Deduct	-86.51	
	For > 400 To 800, Deduct	-121.12	
	For > 800 To 1000, Deduct	-126.89	
	For > 1000 To 2000, Deduct	-132.64	
	For > 2000 To 4000, Deduct	-138.42	
	For > 4000, Deduct	-144.19	
08 51 13 00-0010	SF Picture (Fixed) Window, Aluminum, With Insulated Glazing, HC 65 .....	206.04	9.87
	For Colored Anodized Finish, Add	2.03	
	For 70% Fluoropolymer Exterior Finish (Duranar), Add	2.44	
	For Steel Window Replacement, Add	1.80	
	For Single 1/4" Glazing, Deduct	-0.50	
	For Tinted Glazing, Add	1.00	
	For Tempered Glazing, Add	2.40	
	For Low-E Glazing, Add	1.08	
	For Blinds, Add	13.75	
	For Muntins In Glass, Add	1.13	
	For Muntins External, Add	5.25	
	For > 40 To 100, Deduct	-36.87	
	For > 100 To 400, Deduct	-73.73	
	For > 400 To 800, Deduct	-103.22	
	For > 800 To 1000, Deduct	-108.15	
	For > 1000 To 2000, Deduct	-113.05	
	For > 2000 To 4000, Deduct	-117.97	
	For > 4000, Deduct	-122.89	
08 51 13 00-0011	<b>Aluminum Windows And Accessories</b> <small>(08 51 13)</small>		
	Note: Gentek windows or equal. Prices are based on clear anodized finish or backed on enamel (standard colors). Double glazed insulated window (glazing included). Includes all standard hardware. Includes full screens. Includes exterior panning and interior trim.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Metal Windows	08 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0012 SF Double Hung - Series 8900 4" Thermal Broken Frame (A2, B4, C3, F2), Standard Finish.....	132.78	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For Low-E Glazing, Add	1.60	
For Internal Muntins, Add	1.93	
For External Muntins, Add	8.43	
For Brick Molding Instead Of Panning, Deduct	-2.10	
Quantity Discounts For 801 - 1000 SF, Deduct	-2.61	
Quantity Discounts For 1001 - 2000 SF, Deduct	-4.17	
Quantity Discounts For > 4000 SF, Deduct	-5.99	
08 51 13 00-0013 SF Horizontal Slider - Series 2140, 4" Thermal Broken Frame (A3, B7, C4, F2), Standard Finish .....	116.08	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For External Muntins, Add	8.43	
For Brick Molding Instead Of Panning, Deduct	-2.10	
For >800 To 1,000, Deduct	-2.08	
For >1,000 To 2,000, Deduct	-3.65	
For >2,000 To 4,000, Deduct	-5.20	
08 51 13 00-0014 SF Fixed Window - Series 2040, 4" Thermal Broken Frame (B7, C5), Standard Finish.....	111.13	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For Internal Muntins, Add	1.64	
For External Muntins, Add	7.41	
For Brick Molding Instead Of Panning, Deduct	-2.10	
For >800 To 1,000, Deduct	-2.08	
For >1,000 To 2,000, Deduct	-3.54	
For >2,000 To 4,000, Deduct	-5.04	
08 51 13 00-0015 SF Casement Operated - Series 5700, 4" Thermal Broken Frame (A3, B7, C5, F2), Standard Finish .....	152.60	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For Internal Muntins, Add	1.64	
For External Muntins, Add	7.41	
For Brick Molding Instead Of Panning, Deduct	-2.10	
For >800 To 1,000, Deduct	-3.13	
For >1,000 To 2,000, Deduct	-4.70	
For >2,000 To 4,000, Deduct	-6.41	
08 51 13 00-0016 SF Casement Fixed - Series 5700E, 4" Thermal Broken Frame, Standard Finish .....	129.20	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For Internal Muntins, Add	1.64	
For External Muntins, Add	7.41	
For Brick Molding Instead Of Panning, Deduct	-2.10	
For >800 To 1,000, Deduct	-2.87	
For >1,000 To 2,000, Deduct	-4.17	
For >2,000 To 4,000, Deduct	-5.62	
08 51 13 00-0017 SF Awning - Series 5800, 4" Thermal Broken Frame (A3, B7, C5, F2), Standard Finish.....	164.35	9.87
For Colored Anodized Finish, Add	8.76	
For 70% Fluoropolymer Exterior Finish (Duranar), Add	10.50	
For Tinted Glass, Add	1.74	
For Tempered 2 Sided, Add	2.99	
For Internal Muntins, Add	1.64	
For External Muntins, Add	7.41	
For Brick Molding Instead Of Panning, Deduct	-2.10	
For >800 To 1,000, Deduct	-3.13	
For >1,000 To 2,000, Deduct	-4.96	
For >2,000 To 4,000, Deduct	-6.78	

**08 51 19 Stainless-Steel Windows** (08 51)  
See CSI section 08 80 00 00-0000 for glazing.

**08 51 19 00-0001 Stainless Steel Windows Types** (08 51 19)

**08 51 19 00-0002 Industrial** (08 51 19 00-0001)

08 51 19 00-0003 SF Stainless Steel Window With Horizontal Pivot Sash .....	119.41	7.14
08 51 19 00-0004 SF Stainless Steel Window, Fixed Sash .....	89.07	7.14

**08 51 19 00-0005 Projected Sash** (08 51 19 00-0001)

08 51 19 00-0006 SF Commercial Projected Sash Window - 40% Vented Stainless Steel .....	125.07	7.14
08 51 19 00-0007 SF Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	138.49	7.14

**08 51 19 00-0008 Other Type Sash** (08 51 19 00-0001)

08 51 19 00-0009 SF Double Hung Stainless Steel Window Sash .....	151.87	7.14
08 51 19 00-0010 SF Single Hung Stainless Steel Window Sash.....	106.29	7.14

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 51</b>	<b>Metal Windows</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 19 00-0011	SF	Stainless Steel Picture Window Sash .....	88.17	7.14
08 51 19 00-0012	SF	Sliding Stainless Steel Window .....	156.78	7.14
<b>08 51 19 00-0013</b>		<b>Casements</b> <small>(08 51 19 00-0001)</small>		
08 51 19 00-0014	SF	Stainless Steel Window Casements, 100% Vented Operable, Factory Primed .....	135.71	7.14
08 51 19 00-0015	SF	Stainless Steel Window Casements, 50% Vented Operable, Factory Primed .....	116.85	7.14
08 51 19 00-0016	SF	Stainless Steel Window Casements, Fixed Sash, Factory Primed .....	81.26	7.14
<b>08 51 23</b>		<b>Steel Windows</b> <small>(08 51)</small>		
Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.				
<b>08 51 23 00-0001</b>		<b>Steel Windows</b> <small>(08 51 23)</small>		
<b>08 51 23 00-0002</b>		<b>Industrial</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0003	SF	Industrial Steel Window With Horizontal Pivot Sash .....	55.28	7.14
08 51 23 00-0004	SF	Industrial Steel Window, With Fixed Sash .....	50.02	7.14
08 51 23 00-0005	SF	Industrial Steel Window, With Operable Security Sash .....	76.83	7.14
08 51 23 00-0006	SF	Industrial Steel Window, With Fixed Security Sash .....	66.32	7.14
<b>08 51 23 00-0007</b>		<b>Projected Sash</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0008	SF	Commercial Projected Sash Window - 40% Vented Steel .....	60.74	7.14
08 51 23 00-0009	SF	Intermediate Projected Sash Window - 40% Vented Steel .....	66.52	7.14
<b>08 51 23 00-0010</b>		<b>Other Type Sash</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0011	SF	Double Hung Steel Window Sash .....	76.73	7.14
08 51 23 00-0012	SF	Steel Picture Window Sash .....	35.57	7.14
08 51 23 00-0013	SF	Fire Rated Double Hung Steel Window Sash .....	79.01	8.93
08 51 23 00-0014	SF	Single Hung Steel Window Sash .....	55.62	7.14
<b>08 51 23 00-0015</b>		<b>Casements</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0016	SF	Steel Window Casements, 100% Vented Operable, Factory Primed .....	69.26	3.57
08 51 23 00-0017	SF	Steel Window Casements, 50% Vented Operable, Factory Primed .....	60.52	3.57
08 51 23 00-0018	SF	Steel Window Casements, Fixed Sash, Factory Primed .....	44.03	5.35
<b>08 51 23 00-0019</b>		<b>Mullions</b> <small>(08 51 23 00-0001)</small>		
08 51 23 00-0020	LF	Open Faced Steel Mullion .....	27.22	5.35
08 51 23 00-0021	LF	Covered Steel Mullions .....	43.75	5.35
<b>08 51 23 00-0022</b>		<b>Removal And Reinstallation Of Metal Window And Frame</b> <small>(08 51 23)</small>		
Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.				
08 51 23 00-0023	SF	Removal And Reinstallation Of Metal Window And Frame .....	18.35	
<b>08 52</b>		<b>Wood Windows</b> <small>(08 50)</small>		
<b>08 52 11</b>		<b>Wood Windows</b> <small>(08 52)</small>		
<b>08 52 11 00-0001</b>		<b>Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11)</small>		
Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.				
<b>08 52 11 00-0002</b>		<b>30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 11 00-0001)</small>				
08 52 11 00-0003	EA	20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	348.74	
		For Low-E Insulated Glass, Add .....	28.77	
		For Aluminum Clad Exterior, Add .....	30.82	
08 52 11 00-0004	EA	24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	370.19	
		For Low-E Insulated Glass, Add .....	30.84	
		For Aluminum Clad Exterior, Add .....	33.04	
08 52 11 00-0005	EA	28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	393.11	
		For Low-E Insulated Glass, Add .....	33.12	
		For Aluminum Clad Exterior, Add .....	35.48	
08 52 11 00-0006	EA	30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	405.31	
		For Low-E Insulated Glass, Add .....	34.36	
		For Aluminum Clad Exterior, Add .....	36.81	
08 52 11 00-0007	EA	32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	416.03	
		For Low-E Insulated Glass, Add .....	35.39	
		For Aluminum Clad Exterior, Add .....	37.92	
08 52 11 00-0008	EA	34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	429.72	
		For Low-E Insulated Glass, Add .....	36.84	
		For Aluminum Clad Exterior, Add .....	39.47	
08 52 11 00-0009	EA	36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows .....	436.06	
		For Low-E Insulated Glass, Add .....	37.26	
		For Aluminum Clad Exterior, Add .....	39.92	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0010	EA		40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	463.37 40.15 43.02	
08 52 11 00-0011	EA		44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	486.29 42.43 45.46	
<b>08 52 11 00-0012</b>			<b>34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11 00-0001)</small>		
08 52 11 00-0013	EA		20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	370.19 30.84 33.04	
08 52 11 00-0014	EA		24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	393.11 33.12 35.48	
08 52 11 00-0015	EA		28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	412.70 35.39 37.92	
08 52 11 00-0016	EA		30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	429.72 36.84 39.47	
08 52 11 00-0017	EA		32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	440.44 37.88 40.58	
08 52 11 00-0018	EA		34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	452.64 39.12 41.91	
08 52 11 00-0019	EA		36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	463.37 40.15 43.02	
08 52 11 00-0020	EA		40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	486.29 42.43 45.46	
08 52 11 00-0021	EA		44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	509.22 44.71 47.90	
<b>08 52 11 00-0022</b>			<b>36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11 00-0001)</small>		
08 52 11 00-0023	EA		20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	380.73 32.08 34.37	
08 52 11 00-0024	EA		24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	403.65 34.36 36.81	
08 52 11 00-0025	EA		28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	428.06 36.84 39.47	
08 52 11 00-0026	EA		30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	438.78 37.88 40.58	
08 52 11 00-0027	EA		32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	450.98 39.12 41.91	
08 52 11 00-0028	EA		34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	461.71 40.15 43.02	
08 52 11 00-0029	EA		36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	473.91 41.40 44.35	
08 52 11 00-0030	EA		40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	495.35 43.46 46.57	
08 52 11 00-0031	EA		44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	518.28 45.74 49.01	
<b>08 52 11 00-0032</b>			<b>38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11 00-0001)</small>		
08 52 11 00-0033	EA		20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	394.78 33.12 35.48	
08 52 11 00-0034	EA		24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	417.71 35.39 37.92	
08 52 11 00-0035	EA		28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	442.11 37.88 40.58	
08 52 11 00-0036	EA		30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	454.31 39.12 41.91	



**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 11 00-0037	EA 32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	465.04 40.15 43.02	
08 52 11 00-0038	EA 34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	477.24 41.40 44.35	
08 52 11 00-0039	EA 36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	487.96 42.43 45.46	
08 52 11 00-0040	EA 40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	510.89 44.71 47.90	
08 52 11 00-0041	EA 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	533.81 46.98 50.34	
<b>08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0043	EA 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	440.44 37.88 40.58	
08 52 11 00-0044	EA 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	463.37 40.15 43.02	
08 52 11 00-0045	EA 28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	486.29 42.43 45.46	
08 52 11 00-0046	EA 30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	497.02 43.46 46.57	
08 52 11 00-0047	EA 32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	509.22 44.71 47.90	
08 52 11 00-0048	EA 34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	519.94 45.74 49.01	
08 52 11 00-0049	EA 36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	532.14 46.98 50.34	
08 52 11 00-0050	EA 40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	555.06 49.26 52.78	
08 52 11 00-0051	EA 44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	579.47 51.74 55.44	
<b>08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0053	EA 20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	450.98 39.12 41.91	
08 52 11 00-0054	EA 24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	473.91 41.40 44.35	
08 52 11 00-0055	EA 28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	495.35 43.46 46.57	
08 52 11 00-0056	EA 30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	507.56 44.71 47.90	
08 52 11 00-0057	EA 32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	518.28 45.74 49.01	
08 52 11 00-0058	EA 34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	530.48 46.98 50.34	
08 52 11 00-0059	EA 36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	541.20 48.02 51.45	
08 52 11 00-0060	EA 40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	565.59 50.50 54.11	
08 52 11 00-0061	EA 44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	588.53 52.78 56.55	
<b>08 52 11 00-0062 50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>			
<small>(08 52 11 00-0001)</small>			
08 52 11 00-0063	EA 20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	465.04 40.15 43.02	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0064	EA 24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	487.96 42.43 45.46	
08 52 11 00-0065	EA 28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	510.89 44.71 47.90	
08 52 11 00-0066	EA 30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	521.61 45.74 49.01	
08 52 11 00-0067	EA 32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	533.81 46.98 50.34	
08 52 11 00-0068	EA 34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	544.52 48.02 51.45	
08 52 11 00-0069	EA 36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	556.72 49.26 52.78	
08 52 11 00-0070	EA 40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	581.13 51.74 55.44	
08 52 11 00-0071	EA 44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	604.06 54.02 57.88	
<b>08 52 11 00-0072</b>	<b>54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11 00-0001)</small>		
08 52 11 00-0073	EA 20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	487.96 42.43 45.46	
08 52 11 00-0074	EA 24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	510.89 44.71 47.90	
08 52 11 00-0075	EA 28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	533.81 46.98 50.34	
08 52 11 00-0076	EA 30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	544.52 48.02 51.45	
08 52 11 00-0077	EA 32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	556.72 49.26 52.78	
08 52 11 00-0078	EA 34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	568.93 50.50 54.11	
08 52 11 00-0079	EA 36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	581.13 51.74 55.44	
08 52 11 00-0080	EA 40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	604.06 54.02 57.88	
08 52 11 00-0081	EA 44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	626.98 56.30 60.32	
<b>08 52 11 00-0082</b>	<b>58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b> <small>(08 52 11 00-0001)</small>		
08 52 11 00-0083	EA 20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	509.22 44.71 47.90	
08 52 11 00-0084	EA 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	532.14 46.98 50.34	
08 52 11 00-0085	EA 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	555.06 49.26 52.78	
08 52 11 00-0086	EA 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	567.26 50.50 54.11	
08 52 11 00-0087	EA 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	579.47 51.74 55.44	
08 52 11 00-0088	EA 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	590.20 52.78 56.55	
08 52 11 00-0089	EA 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	602.40 54.02 57.88	
08 52 11 00-0090	EA 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	625.32 56.30 60.32	
08 52 11 00-0091	EA 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows ..... <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	646.77 58.37 62.54	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0092			<b>60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0093	EA		20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	518.28	
			<i>For Low-E Insulated Glass, Add</i>	45.74	
			<i>For Aluminum Clad Exterior, Add</i>	49.01	
08 52 11 00-0094	EA		24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	541.20	
			<i>For Low-E Insulated Glass, Add</i>	48.02	
			<i>For Aluminum Clad Exterior, Add</i>	51.45	
08 52 11 00-0095	EA		28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	565.59	
			<i>For Low-E Insulated Glass, Add</i>	50.50	
			<i>For Aluminum Clad Exterior, Add</i>	54.11	
08 52 11 00-0096	EA		30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	577.80	
			<i>For Low-E Insulated Glass, Add</i>	51.74	
			<i>For Aluminum Clad Exterior, Add</i>	55.44	
08 52 11 00-0097	EA		32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	588.53	
			<i>For Low-E Insulated Glass, Add</i>	52.78	
			<i>For Aluminum Clad Exterior, Add</i>	56.55	
08 52 11 00-0098	EA		34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	600.73	
			<i>For Low-E Insulated Glass, Add</i>	54.02	
			<i>For Aluminum Clad Exterior, Add</i>	57.88	
08 52 11 00-0099	EA		36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	611.45	
			<i>For Low-E Insulated Glass, Add</i>	55.06	
			<i>For Aluminum Clad Exterior, Add</i>	58.99	
08 52 11 00-0100	EA		40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	634.37	
			<i>For Low-E Insulated Glass, Add</i>	57.33	
			<i>For Aluminum Clad Exterior, Add</i>	61.43	
08 52 11 00-0101	EA		44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows.....	657.30	
			<i>For Low-E Insulated Glass, Add</i>	59.61	
			<i>For Aluminum Clad Exterior, Add</i>	63.87	
08 52 11 00-0102			<b>62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0103	EA		20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	533.81	
			<i>For Low-E Insulated Glass, Add</i>	46.98	
			<i>For Aluminum Clad Exterior, Add</i>	50.34	
08 52 11 00-0104	EA		24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	556.72	
			<i>For Low-E Insulated Glass, Add</i>	49.26	
			<i>For Aluminum Clad Exterior, Add</i>	52.78	
08 52 11 00-0105	EA		28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	581.13	
			<i>For Low-E Insulated Glass, Add</i>	51.74	
			<i>For Aluminum Clad Exterior, Add</i>	55.44	
08 52 11 00-0106	EA		30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	591.86	
			<i>For Low-E Insulated Glass, Add</i>	52.78	
			<i>For Aluminum Clad Exterior, Add</i>	56.55	
08 52 11 00-0107	EA		32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	604.06	
			<i>For Low-E Insulated Glass, Add</i>	54.02	
			<i>For Aluminum Clad Exterior, Add</i>	57.88	
08 52 11 00-0108	EA		34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	614.78	
			<i>For Low-E Insulated Glass, Add</i>	55.06	
			<i>For Aluminum Clad Exterior, Add</i>	58.99	
08 52 11 00-0109	EA		36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	626.98	
			<i>For Low-E Insulated Glass, Add</i>	56.30	
			<i>For Aluminum Clad Exterior, Add</i>	60.32	
08 52 11 00-0110	EA		40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	648.43	
			<i>For Low-E Insulated Glass, Add</i>	58.37	
			<i>For Aluminum Clad Exterior, Add</i>	62.54	
08 52 11 00-0111	EA		44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	671.35	
			<i>For Low-E Insulated Glass, Add</i>	60.64	
			<i>For Aluminum Clad Exterior, Add</i>	64.97	
08 52 11 00-0112			<b>66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0113	EA		20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	556.72	
			<i>For Low-E Insulated Glass, Add</i>	49.26	
			<i>For Aluminum Clad Exterior, Add</i>	52.78	
08 52 11 00-0114	EA		24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	581.13	
			<i>For Low-E Insulated Glass, Add</i>	51.74	
			<i>For Aluminum Clad Exterior, Add</i>	55.44	
08 52 11 00-0115	EA		28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	604.06	
			<i>For Low-E Insulated Glass, Add</i>	54.02	
			<i>For Aluminum Clad Exterior, Add</i>	57.88	
08 52 11 00-0116	EA		30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	614.78	
			<i>For Low-E Insulated Glass, Add</i>	55.06	
			<i>For Aluminum Clad Exterior, Add</i>	58.99	
08 52 11 00-0117	EA		32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	626.98	
			<i>For Low-E Insulated Glass, Add</i>	56.30	
			<i>For Aluminum Clad Exterior, Add</i>	60.32	
08 52 11 00-0118	EA		34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	637.70	
			<i>For Low-E Insulated Glass, Add</i>	57.33	
			<i>For Aluminum Clad Exterior, Add</i>	61.43	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0119 EA 36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows .....	648.43	
<i>For Low-E Insulated Glass, Add</i>	58.37	
<i>For Aluminum Clad Exterior, Add</i>	62.54	
08 52 11 00-0120 EA 40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows .....	671.35	
<i>For Low-E Insulated Glass, Add</i>	60.64	
<i>For Aluminum Clad Exterior, Add</i>	64.97	
08 52 11 00-0121 EA 44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows .....	694.28	
<i>For Low-E Insulated Glass, Add</i>	62.92	
<i>For Aluminum Clad Exterior, Add</i>	67.41	
<b>08 52 11 00-0122 70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 11 00-0001)</small>		
08 52 11 00-0123 EA 20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	579.47	
<i>For Low-E Insulated Glass, Add</i>	51.74	
<i>For Aluminum Clad Exterior, Add</i>	55.44	
08 52 11 00-0124 EA 24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	602.40	
<i>For Low-E Insulated Glass, Add</i>	54.02	
<i>For Aluminum Clad Exterior, Add</i>	57.88	
08 52 11 00-0125 EA 28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	625.32	
<i>For Low-E Insulated Glass, Add</i>	56.30	
<i>For Aluminum Clad Exterior, Add</i>	60.32	
08 52 11 00-0126 EA 30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	636.04	
<i>For Low-E Insulated Glass, Add</i>	57.33	
<i>For Aluminum Clad Exterior, Add</i>	61.43	
08 52 11 00-0127 EA 32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	646.77	
<i>For Low-E Insulated Glass, Add</i>	58.37	
<i>For Aluminum Clad Exterior, Add</i>	62.54	
08 52 11 00-0128 EA 34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	663.36	
<i>For Low-E Insulated Glass, Add</i>	60.22	
<i>For Aluminum Clad Exterior, Add</i>	64.52	
08 52 11 00-0129 EA 36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	671.24	
<i>For Low-E Insulated Glass, Add</i>	60.86	
<i>For Aluminum Clad Exterior, Add</i>	65.21	
08 52 11 00-0130 EA 40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	692.62	
<i>For Low-E Insulated Glass, Add</i>	62.92	
<i>For Aluminum Clad Exterior, Add</i>	67.41	
08 52 11 00-0131 EA 44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows .....	717.02	
<i>For Low-E Insulated Glass, Add</i>	65.40	
<i>For Aluminum Clad Exterior, Add</i>	70.08	
<b>08 52 11 00-0132 74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 11 00-0001)</small>		
08 52 11 00-0133 EA 20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	604.06	
<i>For Low-E Insulated Glass, Add</i>	54.02	
<i>For Aluminum Clad Exterior, Add</i>	57.88	
08 52 11 00-0134 EA 24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	626.98	
<i>For Low-E Insulated Glass, Add</i>	56.30	
<i>For Aluminum Clad Exterior, Add</i>	60.32	
08 52 11 00-0135 EA 28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	648.43	
<i>For Low-E Insulated Glass, Add</i>	58.37	
<i>For Aluminum Clad Exterior, Add</i>	62.54	
08 52 11 00-0136 EA 30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	660.63	
<i>For Low-E Insulated Glass, Add</i>	59.61	
<i>For Aluminum Clad Exterior, Add</i>	63.87	
08 52 11 00-0137 EA 32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	671.35	
<i>For Low-E Insulated Glass, Add</i>	60.64	
<i>For Aluminum Clad Exterior, Add</i>	64.97	
08 52 11 00-0138 EA 34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	683.55	
<i>For Low-E Insulated Glass, Add</i>	61.88	
<i>For Aluminum Clad Exterior, Add</i>	66.30	
08 52 11 00-0139 EA 36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	694.28	
<i>For Low-E Insulated Glass, Add</i>	62.92	
<i>For Aluminum Clad Exterior, Add</i>	67.41	
08 52 11 00-0140 EA 40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	718.69	
<i>For Low-E Insulated Glass, Add</i>	65.40	
<i>For Aluminum Clad Exterior, Add</i>	70.08	
08 52 11 00-0141 EA 44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows .....	741.61	
<i>For Low-E Insulated Glass, Add</i>	67.68	
<i>For Aluminum Clad Exterior, Add</i>	72.51	
<b>08 52 11 00-0142 78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows</b>		
<small>(08 52 11 00-0001)</small>		
08 52 11 00-0143 EA 20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows .....	633.65	
<i>For Low-E Insulated Glass, Add</i>	56.30	
<i>For Aluminum Clad Exterior, Add</i>	60.32	
08 52 11 00-0144 EA 24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows .....	655.09	
<i>For Low-E Insulated Glass, Add</i>	58.37	
<i>For Aluminum Clad Exterior, Add</i>	62.54	
08 52 11 00-0145 EA 28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows .....	678.01	
<i>For Low-E Insulated Glass, Add</i>	60.64	
<i>For Aluminum Clad Exterior, Add</i>	64.97	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 11 00-0146	EA	30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	690.21	
		<i>For Low-E Insulated Glass, Add</i>	61.88	
		<i>For Aluminum Clad Exterior, Add</i>	66.30	
08 52 11 00-0147	EA	32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	700.95	
		<i>For Low-E Insulated Glass, Add</i>	62.92	
		<i>For Aluminum Clad Exterior, Add</i>	67.41	
08 52 11 00-0148	EA	34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	713.15	
		<i>For Low-E Insulated Glass, Add</i>	64.16	
		<i>For Aluminum Clad Exterior, Add</i>	68.75	
08 52 11 00-0149	EA	36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	725.35	
		<i>For Low-E Insulated Glass, Add</i>	65.40	
		<i>For Aluminum Clad Exterior, Add</i>	70.08	
08 52 11 00-0150	EA	40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	748.27	
		<i>For Low-E Insulated Glass, Add</i>	67.68	
		<i>For Aluminum Clad Exterior, Add</i>	72.51	
08 52 11 00-0151	EA	44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows.....	771.19	
		<i>For Low-E Insulated Glass, Add</i>	69.96	
		<i>For Aluminum Clad Exterior, Add</i>	74.95	
<b>08 52 11 00-0152</b>		<b>Commercial And Institutional Heavy Double Hung Windows</b> <small>(08 52 11)</small>		
		Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0153	SF	Up To 21 SF Double Hung Wood Window With True Divided Lite .....	223.77	14.88
		<i>For Insulating Glass, Add</i>	16.49	
08 52 11 00-0154	SF	21 To 40 SF Double Hung Wood Window With True Divided Lite .....	206.78	16.54
		<i>For Insulating Glass, Add</i>	14.77	
08 52 11 00-0155	SF	40 SF And Over Double Hung Wood Window With True Divided Lite .....	190.07	18.56
		<i>For Insulating Glass, Add</i>	13.00	
<b>08 52 11 00-0156</b>		<b>Architectural And Historic Reproduction Wood Windows</b> <small>(08 52 11)</small>		
		Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
08 52 11 00-0157	SF	Up To 21 SF Architectural And Historic Reproduction Wood Window .....	244.25	14.87
		<i>For Insulating Glass, Add</i>	18.23	
08 52 11 00-0158	SF	21 To 40 SF Architectural And Historic Reproduction Wood Window .....	217.84	16.53
		<i>For Insulating Glass, Add</i>	15.71	
08 52 11 00-0159	SF	40 SF And Over Architectural And Historic Reproduction Wood Window .....	196.55	18.55
		<i>For Insulating Glass, Add</i>	13.55	
<b>08 52 11 00-0160</b>		<b>Removal And Reinstallation Of Wood Window And Frame</b> <small>(08 52 11)</small>		
		Note: Includes storage, cleaning and supply materials.		
08 52 11 00-0161	SF	Removal And Reinstallation Of Wood Windows And Frames.....	29.29	
<b>08 52 16</b>		<b>Plastic-Clad Wood Windows</b> <small>(08 52)</small>		
<b>08 52 16 00-0001</b>		<b>Double Hung Wood Clad Windows</b> <small>(08 52 16)</small>		
		Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
<b>08 52 16 00-0002</b>		<b>Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0001)</small>		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0003</b>		<b>35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	383.70	54.73
		<i>For Low-E Insulated Glass, Add</i>	32.91	
		<i>For Tempered Clear Insulated Glass, Add</i>	54.85	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	406.25	57.11
		<i>For Low-E Insulated Glass, Add</i>	35.04	
		<i>For Tempered Clear Insulated Glass, Add</i>	58.41	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	427.32	59.48
		<i>For Low-E Insulated Glass, Add</i>	37.00	
		<i>For Tempered Clear Insulated Glass, Add</i>	61.67	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	448.39	61.87
		<i>For Low-E Insulated Glass, Add</i>	38.96	
		<i>For Tempered Clear Insulated Glass, Add</i>	64.93	
<b>08 52 16 00-0008</b>		<b>41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	416.03	58.30
		<i>For Low-E Insulated Glass, Add</i>	35.93	
		<i>For Tempered Clear Insulated Glass, Add</i>	59.89	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	438.58	60.68
		<i>For Low-E Insulated Glass, Add</i>	38.07	
		<i>For Tempered Clear Insulated Glass, Add</i>	63.45	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0011	EA		31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	459.66 40.02 66.71	63.06
08 52 16 00-0012	EA		35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	480.73 41.98 69.97	65.43
<b>08 52 16 00-0013</b>			<b>47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0014	EA		23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	448.39 38.96 64.93	61.87
08 52 16 00-0015	EA		27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	469.45 40.91 68.19	64.25
08 52 16 00-0016	EA		31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	491.99 43.05 71.75	66.63
08 52 16 00-0017	EA		35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	513.06 45.01 75.01	69.01
<b>08 52 16 00-0018</b>			<b>53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0019	EA		23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	480.73 41.98 69.97	65.43
08 52 16 00-0020	EA		27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	501.79 43.94 73.23	67.82
08 52 16 00-0021	EA		31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	522.86 45.90 76.49	70.19
08 52 16 00-0022	EA		35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	545.40 48.03 80.05	72.58
<b>08 52 16 00-0023</b>			<b>56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0024	EA		19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	475.09 41.45 69.08	65.43
08 52 16 00-0025	EA		23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	496.16 43.41 72.34	67.22
08 52 16 00-0026	EA		27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	518.69 45.54 75.90	70.19
08 52 16 00-0027	EA		31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	539.76 47.50 79.16	72.58
08 52 16 00-0028	EA		35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	560.83 49.45 82.42	74.95
08 52 16 00-0029	EA		39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	581.89 51.41 85.68	77.34
<b>08 52 16 00-0030</b>			<b>59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0031	EA		19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	491.99 43.05 71.75	66.63
08 52 16 00-0032	EA		23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	513.06 45.01 75.01	69.01
08 52 16 00-0033	EA		27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	534.12 46.96 78.27	71.38
08 52 16 00-0034	EA		31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	555.19 48.92 81.53	73.77
08 52 16 00-0035	EA		35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	576.26 50.88 84.79	76.14
08 52 16 00-0036	EA		39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series)..... <i>For Low-E Insulated Glass, Add</i> <i>For Tempered Clear Insulated Glass, Add</i>	598.81 53.01 88.35	78.53



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>08 52 16 00-0037</b>	<b>65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0038	EA 23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	545.40	72.58
	<i>For Low-E Insulated Glass, Add</i>	48.03	
	<i>For Tempered Clear Insulated Glass, Add</i>	80.05	
08 52 16 00-0039	EA 27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	566.46	74.95
	<i>For Low-E Insulated Glass, Add</i>	49.99	
	<i>For Tempered Clear Insulated Glass, Add</i>	83.31	
08 52 16 00-0040	EA 31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	587.53	77.34
	<i>For Low-E Insulated Glass, Add</i>	51.94	
	<i>For Tempered Clear Insulated Glass, Add</i>	86.57	
08 52 16 00-0041	EA 35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	608.60	79.72
	<i>For Low-E Insulated Glass, Add</i>	53.90	
	<i>For Tempered Clear Insulated Glass, Add</i>	89.83	

<b>08 52 16 00-0042</b>	<b>71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series)</b> <small>(08 52 16 00-0002)</small>		
08 52 16 00-0043	EA 23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	576.26	76.14
	<i>For Low-E Insulated Glass, Add</i>	50.88	
	<i>For Tempered Clear Insulated Glass, Add</i>	84.79	
08 52 16 00-0044	EA 27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	598.81	78.53
	<i>For Low-E Insulated Glass, Add</i>	53.01	
	<i>For Tempered Clear Insulated Glass, Add</i>	88.35	
08 52 16 00-0045	EA 31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	619.87	80.90
	<i>For Low-E Insulated Glass, Add</i>	54.97	
	<i>For Tempered Clear Insulated Glass, Add</i>	91.61	
08 52 16 00-0046	EA 35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	640.94	83.29
	<i>For Low-E Insulated Glass, Add</i>	56.92	
	<i>For Tempered Clear Insulated Glass, Add</i>	94.87	

**08 52 16 00-0047** **Double Hung Wood Clad Windows (Andersen 400 TW Series)** (08 52 16 00-0001)  
 Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.

<b>08 52 16 00-0048</b>	<b>36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0049	EA 21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	471.46	54.73
	<i>For Tempered Low-E Insulated Glass, Add</i>	72.64	
08 52 16 00-0050	EA 25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	499.94	56.52
	<i>For Tempered Low-E Insulated Glass, Add</i>	77.38	
08 52 16 00-0051	EA 29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	529.90	58.89
	<i>For Tempered Low-E Insulated Glass, Add</i>	82.42	
08 52 16 00-0052	EA 31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	545.62	60.68
	<i>For Tempered Low-E Insulated Glass, Add</i>	85.09	
08 52 16 00-0053	EA 33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	559.85	61.87
	<i>For Tempered Low-E Insulated Glass, Add</i>	87.46	
08 52 16 00-0054	EA 35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	574.10	63.06
	<i>For Tempered Low-E Insulated Glass, Add</i>	89.83	
08 52 16 00-0055	EA 37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.81	63.65
	<i>For Tempered Low-E Insulated Glass, Add</i>	92.50	
08 52 16 00-0056	EA 41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.04
	<i>For Tempered Low-E Insulated Glass, Add</i>	97.25	
08 52 16 00-0057	EA 45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	68.41
	<i>For Tempered Low-E Insulated Glass, Add</i>	102.29	

<b>08 52 16 00-0058</b>	<b>40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0059	EA 21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	499.94	57.11
	<i>For Tempered Low-E Insulated Glass, Add</i>	77.38	
08 52 16 00-0060	EA 25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	529.90	58.89
	<i>For Tempered Low-E Insulated Glass, Add</i>	82.42	
08 52 16 00-0061	EA 29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	559.85	61.28
	<i>For Tempered Low-E Insulated Glass, Add</i>	87.46	
08 52 16 00-0062	EA 31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	574.10	63.06
	<i>For Tempered Low-E Insulated Glass, Add</i>	89.83	
08 52 16 00-0063	EA 33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.81	64.25
	<i>For Tempered Low-E Insulated Glass, Add</i>	92.50	
08 52 16 00-0064	EA 35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	604.06	65.43
	<i>For Tempered Low-E Insulated Glass, Add</i>	94.87	
08 52 16 00-0065	EA 37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.04
	<i>For Tempered Low-E Insulated Glass, Add</i>	97.25	
08 52 16 00-0066	EA 41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	68.41
	<i>For Tempered Low-E Insulated Glass, Add</i>	102.29	
08 52 16 00-0067	EA 45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	70.79
	<i>For Tempered Low-E Insulated Glass, Add</i>	107.33	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0068    44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0069    EA    21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	529.90	59.48
For Tempered Low-E Insulated Glass, Add	82.42	
08 52 16 00-0070    EA    25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	559.85	61.28
For Tempered Low-E Insulated Glass, Add	87.46	
08 52 16 00-0071    EA    29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.81	63.65
For Tempered Low-E Insulated Glass, Add	92.50	
08 52 16 00-0072    EA    31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	604.06	65.43
For Tempered Low-E Insulated Glass, Add	94.87	
08 52 16 00-0073    EA    33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.63
For Tempered Low-E Insulated Glass, Add	97.25	
08 52 16 00-0074    EA    35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	634.02	67.82
For Tempered Low-E Insulated Glass, Add	99.91	
08 52 16 00-0075    EA    37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	68.41
For Tempered Low-E Insulated Glass, Add	102.29	
08 52 16 00-0076    EA    41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	70.79
For Tempered Low-E Insulated Glass, Add	107.33	
08 52 16 00-0077    EA    45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.17
For Tempered Low-E Insulated Glass, Add	112.37	
<b>08 52 16 00-0078    48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0079    EA    21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	559.85	61.87
For Tempered Low-E Insulated Glass, Add	87.46	
08 52 16 00-0080    EA    25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.81	63.65
For Tempered Low-E Insulated Glass, Add	92.50	
08 52 16 00-0081    EA    29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.04
For Tempered Low-E Insulated Glass, Add	97.25	
08 52 16 00-0082    EA    31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	634.02	67.82
For Tempered Low-E Insulated Glass, Add	99.91	
08 52 16 00-0083    EA    33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	69.01
For Tempered Low-E Insulated Glass, Add	102.29	
08 52 16 00-0084    EA    35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	662.49	70.19
For Tempered Low-E Insulated Glass, Add	104.66	
08 52 16 00-0085    EA    37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	70.79
For Tempered Low-E Insulated Glass, Add	107.33	
08 52 16 00-0086    EA    41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.17
For Tempered Low-E Insulated Glass, Add	112.37	
08 52 16 00-0087    EA    45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	75.55
For Tempered Low-E Insulated Glass, Add	117.11	
<b>08 52 16 00-0088    52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0089    EA    21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	589.81	64.25
For Tempered Low-E Insulated Glass, Add	92.50	
08 52 16 00-0090    EA    25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.04
For Tempered Low-E Insulated Glass, Add	97.25	
08 52 16 00-0091    EA    29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	68.41
For Tempered Low-E Insulated Glass, Add	102.29	
08 52 16 00-0092    EA    31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	662.49	70.19
For Tempered Low-E Insulated Glass, Add	104.66	
08 52 16 00-0093    EA    33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	71.38
For Tempered Low-E Insulated Glass, Add	107.33	
08 52 16 00-0094    EA    35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	692.45	72.58
For Tempered Low-E Insulated Glass, Add	109.70	
08 52 16 00-0095    EA    37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.17
For Tempered Low-E Insulated Glass, Add	112.37	
08 52 16 00-0096    EA    41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	75.55
For Tempered Low-E Insulated Glass, Add	117.11	
08 52 16 00-0097    EA    45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	77.93
For Tempered Low-E Insulated Glass, Add	122.15	
<b>08 52 16 00-0098    56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> <small>(08 52 16 00-0047)</small>		
08 52 16 00-0099    EA    21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	618.29	66.63
For Tempered Low-E Insulated Glass, Add	97.25	
08 52 16 00-0100    EA    25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	68.41
For Tempered Low-E Insulated Glass, Add	102.29	
08 52 16 00-0101    EA    29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	70.79
For Tempered Low-E Insulated Glass, Add	107.33	
08 52 16 00-0102    EA    31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	692.45	72.58
For Tempered Low-E Insulated Glass, Add	109.70	
08 52 16 00-0103    EA    33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.77
For Tempered Low-E Insulated Glass, Add	112.37	
08 52 16 00-0104    EA    35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	722.41	74.95
For Tempered Low-E Insulated Glass, Add	114.74	
08 52 16 00-0105    EA    37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	75.55
For Tempered Low-E Insulated Glass, Add	117.11	

**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0106	EA		41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	77.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.15	
08 52 16 00-0107	EA		45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	796.57	80.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.19	
<b>08 52 16 00-0108</b>			<b>60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0109	EA		21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	648.25	69.01
			<i>For Tempered Low-E Insulated Glass, Add</i>	102.29	
08 52 16 00-0110	EA		25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	70.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	107.33	
08 52 16 00-0111	EA		29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.37	
08 52 16 00-0112	EA		31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	722.41	74.95
			<i>For Tempered Low-E Insulated Glass, Add</i>	114.74	
08 52 16 00-0113	EA		33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	76.14
			<i>For Tempered Low-E Insulated Glass, Add</i>	117.11	
08 52 16 00-0114	EA		35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	752.37	77.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.78	
08 52 16 00-0115	EA		37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	77.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.15	
08 52 16 00-0116	EA		41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	796.57	80.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.19	
08 52 16 00-0117	EA		45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	825.05	82.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.93	
<b>08 52 16 00-0118</b>			<b>64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0119	EA		21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	678.21	71.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	107.33	
08 52 16 00-0120	EA		25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.17
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.37	
08 52 16 00-0121	EA		29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	75.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	117.11	
08 52 16 00-0122	EA		31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	752.37	77.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.78	
08 52 16 00-0123	EA		33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	78.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.15	
08 52 16 00-0124	EA		35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	780.85	79.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	124.52	
08 52 16 00-0125	EA		37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	796.57	80.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.19	
08 52 16 00-0126	EA		41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	825.05	82.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.93	
08 52 16 00-0127	EA		45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	855.01	85.07
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.97	
<b>08 52 16 00-0128</b>			<b>68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0129	EA		21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	708.18	73.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.37	
08 52 16 00-0130	EA		25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	75.55
			<i>For Tempered Low-E Insulated Glass, Add</i>	117.11	
08 52 16 00-0131	EA		29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	77.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.15	
08 52 16 00-0132	EA		31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	780.85	79.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	124.52	
08 52 16 00-0133	EA		33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	796.57	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.19	
08 52 16 00-0134	EA		35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	810.81	82.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	129.56	
08 52 16 00-0135	EA		37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	825.05	82.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	131.93	
08 52 16 00-0136	EA		41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	855.01	85.07
			<i>For Tempered Low-E Insulated Glass, Add</i>	136.97	
08 52 16 00-0137	EA		45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	884.97	87.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	142.01	
<b>08 52 16 00-0138</b>			<b>72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0139	EA		21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	736.65	76.14
			<i>For Tempered Low-E Insulated Glass, Add</i>	117.11	
08 52 16 00-0140	EA		25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	766.61	77.93
			<i>For Tempered Low-E Insulated Glass, Add</i>	122.15	
08 52 16 00-0141	EA		29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	796.57	80.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	127.19	
08 52 16 00-0142	EA		31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	810.81	82.09
			<i>For Tempered Low-E Insulated Glass, Add</i>	129.56	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0143	EA 33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	825.05 131.93	83.29
08 52 16 00-0144	EA 35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	840.76 134.60	84.48
08 52 16 00-0145	EA 37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	855.01 136.97	85.07
08 52 16 00-0146	EA 41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	884.97 142.01	87.45
08 52 16 00-0147	EA 45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	914.92 147.05	89.83
<b>08 52 16 00-0148</b>	<b>76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0149	EA 21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	766.61 122.15	78.53
08 52 16 00-0150	EA 25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	796.57 127.19	80.31
08 52 16 00-0151	EA 29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	825.05 131.93	82.68
08 52 16 00-0152	EA 31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	840.76 134.60	84.48
08 52 16 00-0153	EA 33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	855.01 136.97	85.66
08 52 16 00-0154	EA 35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	870.72 139.64	86.85
08 52 16 00-0155	EA 37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	884.97 142.01	87.45
08 52 16 00-0156	EA 41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	914.92 147.05	89.83
08 52 16 00-0157	EA 45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	943.40 151.80	92.21
<b>08 52 16 00-0158</b>	<b>84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0159	EA 21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,177.86 202.50	83.29
08 52 16 00-0160	EA 25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.68 209.91	85.07
08 52 16 00-0161	EA 29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,261.50 217.32	87.45
08 52 16 00-0162	EA 31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,281.67 220.88	89.24
08 52 16 00-0163	EA 33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,303.31 224.73	90.42
08 52 16 00-0164	EA 35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,323.49 228.29	91.61
08 52 16 00-0165	EA 37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,343.65 231.85	92.21
08 52 16 00-0166	EA 41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,385.47 239.26	94.59
08 52 16 00-0167	EA 45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,427.29 246.67	96.97
<b>08 52 16 00-0168</b>	<b>88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series)</b> (08 52 16 00-0047)		
08 52 16 00-0169	EA 21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.68 209.91	85.66
08 52 16 00-0170	EA 25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,261.50 217.32	87.45
08 52 16 00-0171	EA 29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,303.31 224.73	89.83
08 52 16 00-0172	EA 31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,323.49 228.29	91.61
08 52 16 00-0173	EA 33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,343.65 231.85	92.80
08 52 16 00-0174	EA 35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,365.31 235.70	93.99
08 52 16 00-0175	EA 37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,385.47 239.26	94.59
08 52 16 00-0176	EA 41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,427.29 246.67	96.97
08 52 16 00-0177	EA 45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,469.11 254.08	99.34
<b>08 52 16 00-0178</b>	<b>Casement Wood Clad Windows</b> (08 52 16) Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-0179		<b>Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0178)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.			
08 52 16 00-0180		<b>One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0179)</small>			
08 52 16 00-0181		<b>24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>			
08 52 16 00-0182	EA	17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	450.10		45.21
		<i>For Tempered Clear Insulated Glass, Add</i> .....	72.17		
08 52 16 00-0183	EA	20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	476.04		46.40
		<i>For Tempered Clear Insulated Glass, Add</i> .....	76.65		
08 52 16 00-0184	EA	24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	505.06		48.79
		<i>For Tempered Clear Insulated Glass, Add</i> .....	81.50		
08 52 16 00-0185	EA	28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	531.80		51.16
		<i>For Tempered Clear Insulated Glass, Add</i> .....	85.90		
08 52 16 00-0186		<b>28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>			
08 52 16 00-0187	EA	17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	482.83		47.59
		<i>For Tempered Clear Insulated Glass, Add</i> .....	77.77		
08 52 16 00-0188	EA	20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	508.79		48.79
		<i>For Tempered Clear Insulated Glass, Add</i> .....	82.25		
08 52 16 00-0189	EA	24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	537.80		51.16
		<i>For Tempered Clear Insulated Glass, Add</i> .....	87.10		
08 52 16 00-0190	EA	28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	552.15		53.54
		<i>For Tempered Clear Insulated Glass, Add</i> .....	89.01		
08 52 16 00-0191	EA	31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	585.78		55.92
		<i>For Tempered Clear Insulated Glass, Add</i> .....	95.03		
08 52 16 00-0192		<b>35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>			
08 52 16 00-0193	EA	17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	541.53		51.16
		<i>For Tempered Clear Insulated Glass, Add</i> .....	87.84		
08 52 16 00-0194	EA	20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	569.36		53.54
		<i>For Tempered Clear Insulated Glass, Add</i> .....	92.69		
08 52 16 00-0195	EA	24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	598.37		55.33
		<i>For Tempered Clear Insulated Glass, Add</i> .....	97.54		
08 52 16 00-0196	EA	28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	644.17		57.70
		<i>For Tempered Clear Insulated Glass, Add</i> .....	105.75		
08 52 16 00-0197	EA	31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	687.80		59.48
		<i>For Tempered Clear Insulated Glass, Add</i> .....	113.76		
08 52 16 00-0198	EA	35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	730.34		60.68
		<i>For Tempered Clear Insulated Glass, Add</i> .....	121.80		
08 52 16 00-0199		<b>40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>			
08 52 16 00-0200	EA	17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	581.06		54.73
		<i>For Tempered Clear Insulated Glass, Add</i> .....	94.56		
08 52 16 00-0201	EA	20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	607.02		55.92
		<i>For Tempered Clear Insulated Glass, Add</i> .....	99.04		
08 52 16 00-0202	EA	24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	636.03		58.30
		<i>For Tempered Clear Insulated Glass, Add</i> .....	103.89		
08 52 16 00-0203	EA	28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	702.35		60.68
		<i>For Tempered Clear Insulated Glass, Add</i> .....	116.20		
08 52 16 00-0204	EA	31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	748.06		63.06
		<i>For Tempered Clear Insulated Glass, Add</i> .....	124.63		
08 52 16 00-0205	EA	35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	790.91		65.43
		<i>For Tempered Clear Insulated Glass, Add</i> .....	132.24		
08 52 16 00-0206		<b>48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0180)</small>			
08 52 16 00-0207	EA	17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	637.23		59.48
		<i>For Tempered Clear Insulated Glass, Add</i> .....	103.89		
08 52 16 00-0208	EA	20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	665.04		60.68
		<i>For Tempered Clear Insulated Glass, Add</i> .....	108.74		
08 52 16 00-0209	EA	24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	694.06		63.06
		<i>For Tempered Clear Insulated Glass, Add</i> .....	113.59		
08 52 16 00-0210	EA	28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	785.56		65.43
		<i>For Tempered Clear Insulated Glass, Add</i> .....	130.94		
08 52 16 00-0211	EA	31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	821.34		67.82
		<i>For Tempered Clear Insulated Glass, Add</i> .....	137.38		
08 52 16 00-0212	EA	35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	875.05		70.19
		<i>For Tempered Clear Insulated Glass, Add</i> .....	147.17		





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0213 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)</b>		
08 52 16 00-0214 EA 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	675.56	61.87
For Tempered Clear Insulated Glass, Add	110.60	
08 52 16 00-0215 EA 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	701.52	63.06
For Tempered Clear Insulated Glass, Add	115.08	
08 52 16 00-0216 EA 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	730.54	65.43
For Tempered Clear Insulated Glass, Add	119.93	
08 52 16 00-0217 EA 28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	843.50	67.82
For Tempered Clear Insulated Glass, Add	141.57	
08 52 16 00-0218 EA 31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	896.94	70.19
For Tempered Clear Insulated Glass, Add	151.55	
08 52 16 00-0219 EA 35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	932.05	72.58
For Tempered Clear Insulated Glass, Add	157.62	
<b>08 52 16 00-0220 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)</b>		
08 52 16 00-0221 EA 17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	730.54	65.43
For Tempered Clear Insulated Glass, Add	119.93	
08 52 16 00-0222 EA 20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	758.36	67.82
For Tempered Clear Insulated Glass, Add	124.78	
08 52 16 00-0223 EA 24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	787.36	69.60
For Tempered Clear Insulated Glass, Add	129.63	
08 52 16 00-0224 EA 28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	926.45	71.99
For Tempered Clear Insulated Glass, Add	156.50	
08 52 16 00-0225 EA 31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	964.31	73.77
For Tempered Clear Insulated Glass, Add	163.36	
08 52 16 00-0226 EA 35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,015.00	76.14
For Tempered Clear Insulated Glass, Add	172.54	
<b>08 52 16 00-0227 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)</b>		
08 52 16 00-0228 EA 17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	770.06	69.01
For Tempered Clear Insulated Glass, Add	126.65	
08 52 16 00-0229 EA 20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	796.03	70.19
For Tempered Clear Insulated Glass, Add	131.13	
08 52 16 00-0230 EA 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	825.03	72.58
For Tempered Clear Insulated Glass, Add	135.98	
08 52 16 00-0231 EA 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	984.64	74.95
For Tempered Clear Insulated Glass, Add	166.95	
08 52 16 00-0232 EA 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,019.85	77.34
For Tempered Clear Insulated Glass, Add	173.27	
08 52 16 00-0233 EA 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,073.19	79.72
For Tempered Clear Insulated Glass, Add	182.99	
<b>08 52 16 00-0234 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0180)</b>		
08 52 16 00-0235 EA 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	825.03	72.58
For Tempered Clear Insulated Glass, Add	135.98	
08 52 16 00-0236 EA 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	852.85	74.95
For Tempered Clear Insulated Glass, Add	140.83	
08 52 16 00-0237 EA 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	881.87	76.74
For Tempered Clear Insulated Glass, Add	145.68	
08 52 16 00-0238 EA 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,067.59	79.12
For Tempered Clear Insulated Glass, Add	181.87	
08 52 16 00-0239 EA 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,110.84	80.90
For Tempered Clear Insulated Glass, Add	189.81	
08 52 16 00-0240 EA 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) .....	1,156.15	83.29
For Tempered Clear Insulated Glass, Add	197.92	
<b>08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)</b>		
<b>08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		
08 52 16 00-0243 EA 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	807.55	58.30
For Tempered Clear Insulated Glass, Add	138.19	
08 52 16 00-0244 EA 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	918.11	63.06
For Tempered Clear Insulated Glass, Add	158.40	
08 52 16 00-0245 EA 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,046.23	67.82
For Tempered Clear Insulated Glass, Add	182.12	
<b>08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)</b>		



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 52 16 00-0247	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	871.52		60.68
		<i>For Tempered Clear Insulated Glass, Add</i>	150.03		
08 52 16 00-0248	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	982.08		65.43
		<i>For Tempered Clear Insulated Glass, Add</i>	170.24		
08 52 16 00-0249	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,110.20		70.19
		<i>For Tempered Clear Insulated Glass, Add</i>	193.96		
<b>08 52 16 00-0250</b>		<b>35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows</b>			
		<b>(Andersen 200 Series)</b> <small>(08 52 16 00-0241)</small>			
08 52 16 00-0251	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	863.58		60.68
		<i>For Tempered Clear Insulated Glass, Add</i>	148.45		
08 52 16 00-0252	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	976.40		65.43
		<i>For Tempered Clear Insulated Glass, Add</i>	169.34		
08 52 16 00-0253	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,094.12		70.19
		<i>For Tempered Clear Insulated Glass, Add</i>	190.98		
08 52 16 00-0254	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,230.50		74.36
		<i>For Tempered Clear Insulated Glass, Add</i>	216.36		
08 52 16 00-0255	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,321.83		77.93
		<i>For Tempered Clear Insulated Glass, Add</i>	233.19		
08 52 16 00-0256	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,474.09		83.29
		<i>For Tempered Clear Insulated Glass, Add</i>	261.50		
<b>08 52 16 00-0257</b>		<b>40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows</b>			
		<b>(Andersen 200 Series)</b> <small>(08 52 16 00-0241)</small>			
08 52 16 00-0258	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	942.29		63.65
		<i>For Tempered Clear Insulated Glass, Add</i>	163.00		
08 52 16 00-0259	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,055.11		67.82
		<i>For Tempered Clear Insulated Glass, Add</i>	183.89		
08 52 16 00-0260	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,172.83		72.58
		<i>For Tempered Clear Insulated Glass, Add</i>	205.54		
08 52 16 00-0261	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,309.21		77.34
		<i>For Tempered Clear Insulated Glass, Add</i>	230.91		
08 52 16 00-0262	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,410.44		80.90
		<i>For Tempered Clear Insulated Glass, Add</i>	249.73		
08 52 16 00-0263	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,838.24		86.26
		<i>For Tempered Clear Insulated Glass, Add</i>	333.15		
<b>08 52 16 00-0264</b>		<b>48" Height, Two Operating Sashes, Casement Wood Clad Windows</b>			
		<b>(Andersen 200 Series)</b> <small>(08 52 16 00-0241)</small>			
08 52 16 00-0265	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,058.16		68.41
		<i>For Tempered Clear Insulated Glass, Add</i>	184.27		
08 52 16 00-0266	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,172.83		72.58
		<i>For Tempered Clear Insulated Glass, Add</i>	205.54		
08 52 16 00-0267	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,290.55		77.34
		<i>For Tempered Clear Insulated Glass, Add</i>	227.18		
08 52 16 00-0268	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,426.94		82.09
		<i>For Tempered Clear Insulated Glass, Add</i>	252.55		
08 52 16 00-0269	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,523.86		85.66
		<i>For Tempered Clear Insulated Glass, Add</i>	270.51		
08 52 16 00-0270	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,670.53		91.02
		<i>For Tempered Clear Insulated Glass, Add</i>	297.70		
<b>08 52 16 00-0271</b>		<b>52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows</b>			
		<b>(Andersen 200 Series)</b> <small>(08 52 16 00-0241)</small>			
08 52 16 00-0272	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,135.68		70.79
		<i>For Tempered Clear Insulated Glass, Add</i>	198.82		
08 52 16 00-0273	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,248.48		74.95
		<i>For Tempered Clear Insulated Glass, Add</i>	219.71		
08 52 16 00-0274	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,352.36		79.72
		<i>For Tempered Clear Insulated Glass, Add</i>	238.59		
08 52 16 00-0275	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,502.59		84.48
		<i>For Tempered Clear Insulated Glass, Add</i>	266.73		
08 52 16 00-0276	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,604.19		88.04
		<i>For Tempered Clear Insulated Glass, Add</i>	285.62		
08 52 16 00-0277	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,748.05		93.39
		<i>For Tempered Clear Insulated Glass, Add</i>	312.25		
<b>08 52 16 00-0278</b>		<b>59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows</b>			
		<b>(Andersen 200 Series)</b> <small>(08 52 16 00-0241)</small>			
08 52 16 00-0279	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,250.35		74.95
		<i>For Tempered Clear Insulated Glass, Add</i>	220.09		
08 52 16 00-0280	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) .....	1,363.15		79.72
		<i>For Tempered Clear Insulated Glass, Add</i>	240.98		
08 52 16 00-0281	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,480.87		84.48
		<i>For Tempered Clear Insulated Glass, Add</i>	262.62		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0282	EA		56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,617.26 288.00	88.64
08 52 16 00-0283	EA		62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,718.86 306.89	92.21
08 52 16 00-0284	EA		71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,860.85 333.15	97.56
<b>08 52 16 00-0285</b>			<b>64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small></b>		
08 52 16 00-0286	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,329.06 234.64	77.93
08 52 16 00-0287	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,441.86 255.93	82.09
08 52 16 00-0288	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,561.45 277.55	86.85
08 52 16 00-0289	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,697.83 302.92	91.61
<b>08 52 16 00-0290</b>			<b>71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small></b>		
08 52 16 00-0291	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,443.73 255.91	82.09
08 52 16 00-0292	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,556.52 276.80	86.85
08 52 16 00-0293	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,674.26 298.44	91.61
08 52 16 00-0294	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,810.64 323.82	95.78
<b>08 52 16 00-0295</b>			<b>One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small></b>		
<b>08 52 16 00-0296</b>			<b>24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small></b>		
08 52 16 00-0297	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,282.06 225.72	76.74
08 52 16 00-0298	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,491.75 264.56	84.48
<b>08 52 16 00-0299</b>			<b>28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small></b>		
08 52 16 00-0300	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,360.72 240.50	79.12
08 52 16 00-0301	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,556.56 276.57	86.85
<b>08 52 16 00-0302</b>			<b>35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small></b>		
08 52 16 00-0303	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,309.59 230.98	77.34
08 52 16 00-0304	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,477.82 262.25	83.29
08 52 16 00-0305	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,685.46 300.68	91.61
<b>08 52 16 00-0306</b>			<b>40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small></b>		
08 52 16 00-0307	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,384.50 244.78	80.90
08 52 16 00-0308	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,558.39 277.18	86.26
08 52 16 00-0309	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,764.15 315.23	93.99

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0310</b> <b>48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0311    EA    71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,674.26	91.02
For Tempered Clear Insulated Glass, Add	298.44	
08 52 16 00-0312    EA    84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,880.03	98.75
For Tempered Clear Insulated Glass, Add	336.50	
<b>08 52 16 00-0313</b> <b>52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0314    EA    71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,751.78	93.39
For Tempered Clear Insulated Glass, Add	313.00	
08 52 16 00-0315    EA    84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,957.54	101.13
For Tempered Clear Insulated Glass, Add	351.06	
<b>08 52 16 00-0316</b> <b>59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0295)</small>		
08 52 16 00-0317    EA    71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,864.58	97.56
For Tempered Clear Insulated Glass, Add	333.89	
08 52 16 00-0318    EA    84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	2,072.21	105.89
For Tempered Clear Insulated Glass, Add	372.32	
<b>08 52 16 00-0319</b> <b>Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0178)</small>		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0320</b> <b>One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0319)</small>		
<b>08 52 16 00-0321</b> <b>24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0322    EA    17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	536.85	45.21
For Tempered Low-E Insulated Glass, Add	89.52	
08 52 16 00-0323    EA    20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	568.39	46.40
For Tempered Low-E Insulated Glass, Add	95.12	
08 52 16 00-0324    EA    24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	603.47	48.79
For Tempered Low-E Insulated Glass, Add	101.18	
08 52 16 00-0325    EA    28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	635.71	51.16
For Tempered Low-E Insulated Glass, Add	106.68	
<b>08 52 16 00-0326</b> <b>28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0327    EA    17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	576.58	47.59
For Tempered Low-E Insulated Glass, Add	96.52	
08 52 16 00-0328    EA    20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	608.13	48.79
For Tempered Low-E Insulated Glass, Add	102.11	
08 52 16 00-0329    EA    24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	643.21	51.16
For Tempered Low-E Insulated Glass, Add	108.18	
08 52 16 00-0330    EA    28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	659.96	53.54
For Tempered Low-E Insulated Glass, Add	110.58	
08 52 16 00-0331    EA    31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	701.10	55.92
For Tempered Low-E Insulated Glass, Add	118.09	
<b>08 52 16 00-0332</b> <b>35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>		
08 52 16 00-0333    EA    17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	647.87	51.16
For Tempered Low-E Insulated Glass, Add	109.11	
08 52 16 00-0334    EA    20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	681.76	53.54
For Tempered Low-E Insulated Glass, Add	115.17	
08 52 16 00-0335    EA    24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	716.84	55.33
For Tempered Low-E Insulated Glass, Add	121.24	
08 52 16 00-0336    EA    28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	772.90	57.70
For Tempered Low-E Insulated Glass, Add	131.50	
08 52 16 00-0337    EA    31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	826.54	59.48
For Tempered Low-E Insulated Glass, Add	141.51	
08 52 16 00-0338    EA    35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	879.12	60.68
For Tempered Low-E Insulated Glass, Add	151.55	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0339 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)</b>		
08 52 16 00-0340 EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	695.80	54.73
For Tempered Low-E Insulated Glass, Add	117.51	
08 52 16 00-0341 EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	727.36	55.92
For Tempered Low-E Insulated Glass, Add	123.10	
08 52 16 00-0342 EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	762.42	58.30
For Tempered Low-E Insulated Glass, Add	129.17	
08 52 16 00-0343 EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	844.14	60.68
For Tempered Low-E Insulated Glass, Add	144.56	
08 52 16 00-0344 EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	900.38	63.06
For Tempered Low-E Insulated Glass, Add	155.09	
08 52 16 00-0345 EA 35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	952.76	65.43
For Tempered Low-E Insulated Glass, Add	164.61	
<b>08 52 16 00-0346 48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)</b>		
08 52 16 00-0347 EA 17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	763.62	59.48
For Tempered Low-E Insulated Glass, Add	129.17	
08 52 16 00-0348 EA 20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	797.50	60.68
For Tempered Low-E Insulated Glass, Add	135.23	
08 52 16 00-0349 EA 24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	832.59	63.06
For Tempered Low-E Insulated Glass, Add	141.29	
08 52 16 00-0350 EA 28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	945.77	65.43
For Tempered Low-E Insulated Glass, Add	162.98	
08 52 16 00-0351 EA 31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	989.61	67.82
For Tempered Low-E Insulated Glass, Add	171.03	
08 52 16 00-0352 EA 35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,055.55	70.19
For Tempered Low-E Insulated Glass, Add	183.27	
<b>08 52 16 00-0353 52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)</b>		
08 52 16 00-0354 EA 17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	810.35	61.87
For Tempered Low-E Insulated Glass, Add	137.56	
08 52 16 00-0355 EA 20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	841.91	63.06
For Tempered Low-E Insulated Glass, Add	143.16	
08 52 16 00-0356 EA 24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	876.99	65.43
For Tempered Low-E Insulated Glass, Add	149.22	
08 52 16 00-0357 EA 28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,017.01	67.82
For Tempered Low-E Insulated Glass, Add	176.27	
08 52 16 00-0358 EA 31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,082.91	70.19
For Tempered Low-E Insulated Glass, Add	188.74	
08 52 16 00-0359 EA 35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,125.61	72.58
For Tempered Low-E Insulated Glass, Add	196.33	
<b>08 52 16 00-0360 59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)</b>		
08 52 16 00-0361 EA 17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	876.99	65.43
For Tempered Low-E Insulated Glass, Add	149.22	
08 52 16 00-0362 EA 20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	910.88	67.82
For Tempered Low-E Insulated Glass, Add	155.29	
08 52 16 00-0363 EA 24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	945.94	69.60
For Tempered Low-E Insulated Glass, Add	161.35	
08 52 16 00-0364 EA 28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,118.61	71.99
For Tempered Low-E Insulated Glass, Add	194.93	
08 52 16 00-0365 EA 31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,165.04	73.77
For Tempered Low-E Insulated Glass, Add	203.50	
08 52 16 00-0366 EA 35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,227.22	76.14
For Tempered Low-E Insulated Glass, Add	214.99	
<b>08 52 16 00-0367 64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0320)</b>		
08 52 16 00-0368 EA 17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	924.91	69.01
For Tempered Low-E Insulated Glass, Add	157.62	
08 52 16 00-0369 EA 20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	956.47	70.19
For Tempered Low-E Insulated Glass, Add	163.21	
08 52 16 00-0370 EA 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	991.54	72.58
For Tempered Low-E Insulated Glass, Add	169.28	
08 52 16 00-0371 EA 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,189.86	74.95
For Tempered Low-E Insulated Glass, Add	207.99	
08 52 16 00-0372 EA 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,232.98	77.34
For Tempered Low-E Insulated Glass, Add	215.90	
08 52 16 00-0373 EA 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	1,298.47	79.72
For Tempered Low-E Insulated Glass, Add	228.05	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-0374		<b>71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0320)</small>			
08 52 16 00-0375	EA	17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	991.54 169.28		72.58
08 52 16 00-0376	EA	20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,025.43 175.34		74.95
08 52 16 00-0377	EA	24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,060.50 181.40		76.74
08 52 16 00-0378	EA	28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,291.47 226.65		79.12
08 52 16 00-0379	EA	31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,344.63 236.56		80.90
08 52 16 00-0380	EA	35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,400.08 246.70		83.29
08 52 16 00-0381		<b>Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0319)</small>			
08 52 16 00-0382		<b>24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>			
08 52 16 00-0383	EA	40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	973.37 171.36		58.30
08 52 16 00-0384	EA	48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,109.19 196.61		63.06
08 52 16 00-0385	EA	56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,266.95 226.26		67.82
08 52 16 00-0386		<b>28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>			
08 52 16 00-0387	EA	40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,052.14 186.16		60.68
08 52 16 00-0388	EA	48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,187.95 211.41		65.43
08 52 16 00-0389	EA	56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,345.72 241.06		70.19
08 52 16 00-0390		<b>35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>			
08 52 16 00-0391	EA	33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,042.22 184.17		60.68
08 52 16 00-0392	EA	40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,181.15 210.29		65.43
08 52 16 00-0393	EA	48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,325.92 237.34		70.19
08 52 16 00-0394	EA	56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,494.02 269.06		74.36
08 52 16 00-0395	EA	62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,606.40 290.11		77.93
08 52 16 00-0396	EA	71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,794.05 325.50		83.29
08 52 16 00-0397		<b>40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>			
08 52 16 00-0398	EA	33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,139.12 202.36		63.65
08 52 16 00-0399	EA	40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,278.05 228.48		67.82
08 52 16 00-0400	EA	48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,422.82 255.53		72.58
08 52 16 00-0401	EA	56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,590.92 287.25		77.34
08 52 16 00-0402	EA	62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,715.67 310.77		80.90
08 52 16 00-0403	EA	71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,247.74 415.05		86.26
08 52 16 00-0404		<b>48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0381)</small>			
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,281.57 228.95		68.41
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,422.82 255.53		72.58
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,567.60 282.59		77.34





		<b>Openings</b>	<b>08</b>
		Windows	08 50
		Wood Windows	08 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0408	EA		56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,735.70 314.30	82.09
08 52 16 00-0409	EA		62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,855.07 336.75	85.66
08 52 16 00-0410	EA		71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,035.73 370.74	91.02
<b>08 52 16 00-0411</b>			<b>52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small></b>		
08 52 16 00-0412	EA		33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,377.28 247.14	70.79
08 52 16 00-0413	EA		40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,516.20 273.26	74.95
08 52 16 00-0414	EA		48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,647.13 297.54	79.72
08 52 16 00-0415	EA		56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,829.08 332.03	84.48
08 52 16 00-0416	EA		62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,954.30 355.64	88.04
08 52 16 00-0417	EA		71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,131.44 388.93	93.39
<b>08 52 16 00-0418</b>			<b>59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small></b>		
08 52 16 00-0419	EA		33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,518.53 273.72	74.95
08 52 16 00-0420	EA		40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,657.46 299.84	79.72
08 52 16 00-0421	EA		48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,802.23 326.90	84.48
08 52 16 00-0422	EA		56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,970.34 358.61	88.64
08 52 16 00-0423	EA		62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,095.54 382.23	92.21
08 52 16 00-0424	EA		71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,270.35 415.05	97.56
<b>08 52 16 00-0425</b>			<b>64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small></b>		
08 52 16 00-0426	EA		33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,615.43 291.91	77.93
08 52 16 00-0427	EA		40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,754.36 318.03	82.09
08 52 16 00-0428	EA		48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,901.46 345.55	86.85
08 52 16 00-0429	EA		56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,069.56 377.27	91.61
<b>08 52 16 00-0430</b>			<b>71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small></b>		
08 52 16 00-0431	EA		33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,756.69 318.50	82.09
08 52 16 00-0432	EA		40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,895.60 344.62	86.85
08 52 16 00-0433	EA		48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,040.39 371.67	91.61
08 52 16 00-0434	EA		56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,208.49 403.39	95.78
<b>08 52 16 00-0435</b>			<b>One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0319)</small></b>		
<b>08 52 16 00-0436</b>			<b>24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small></b>		
08 52 16 00-0437	EA		71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,560.74 281.45	76.74
08 52 16 00-0438	EA		84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,815.53 329.32	84.48
<b>08 52 16 00-0439</b>			<b>28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small></b>		



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0440	EA		71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,654.42	79.12
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	299.24	
08 52 16 00-0441	EA		84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,895.35	86.85
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	344.33	
<b>08 52 16 00-0442</b>			<b>35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0435)</small>		
08 52 16 00-0443	EA		61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,591.39	77.34
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	287.34	
08 52 16 00-0444	EA		71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,798.71	83.29
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	326.43	
08 52 16 00-0445	EA		84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,054.39	91.61
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	374.47	
<b>08 52 16 00-0446</b>			<b>40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0435)</small>		
08 52 16 00-0447	EA		61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,683.54	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	304.58	
08 52 16 00-0448	EA		71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	1,897.94	86.26
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	345.09	
08 52 16 00-0449	EA		84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,151.28	93.99
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	392.66	
<b>08 52 16 00-0450</b>			<b>48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0435)</small>		
08 52 16 00-0451	EA		71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,040.39	91.02
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	371.67	
08 52 16 00-0452	EA		84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,293.73	98.75
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	419.24	
<b>08 52 16 00-0453</b>			<b>52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0435)</small>		
08 52 16 00-0454	EA		71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,136.10	93.39
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	389.86	
08 52 16 00-0455	EA		84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,389.43	101.13
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	437.43	
<b>08 52 16 00-0456</b>			<b>59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0435)</small>		
08 52 16 00-0457	EA		71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,275.02	97.56
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	415.98	
08 52 16 00-0458	EA		84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) .....	2,530.69	105.89
			<i>For Tempered Low-E Insulated Glass, Add</i> .....	464.02	
08 52 16 00-0459			<b>Awning Wood Clad Windows</b> <small>(08 52 16)</small> Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460			<b>Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461			<b>Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0460)</small>		
08 52 16 00-0462			<b>17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0463	EA		24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	487.27	48.79
			<i>For Tempered Clear Insulated Glass, Add</i> .....	77.94	
08 52 16 00-0464	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	521.88	51.16
			<i>For Tempered Clear Insulated Glass, Add</i> .....	83.91	
08 52 16 00-0465	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	550.24	52.94
			<i>For Tempered Clear Insulated Glass, Add</i> .....	88.87	
08 52 16 00-0466	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	586.18	55.33
			<i>For Tempered Clear Insulated Glass, Add</i> .....	95.11	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0467	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	627.56	58.30
			<i>For Tempered Clear Insulated Glass, Add</i>	102.19	
08 52 16 00-0468	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	691.20	63.06
			<i>For Tempered Clear Insulated Glass, Add</i>	113.02	
08 52 16 00-0469	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	731.40	65.43
			<i>For Tempered Clear Insulated Glass, Add</i>	120.10	
08 52 16 00-0470	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	790.10	70.19
			<i>For Tempered Clear Insulated Glass, Add</i>	130.18	
08 52 16 00-0471	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	812.01	72.58
			<i>For Tempered Clear Insulated Glass, Add</i>	133.37	
08 52 16 00-0472	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	870.07	76.74
			<i>For Tempered Clear Insulated Glass, Add</i>	143.32	
<b>08 52 16 00-0473</b>			<b>20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0474	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	514.14	51.16
			<i>For Tempered Clear Insulated Glass, Add</i>	82.60	
08 52 16 00-0475	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	551.57	53.54
			<i>For Tempered Clear Insulated Glass, Add</i>	89.14	
08 52 16 00-0476	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	575.96	54.73
			<i>For Tempered Clear Insulated Glass, Add</i>	93.30	
08 52 16 00-0477	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	615.86	57.11
			<i>For Tempered Clear Insulated Glass, Add</i>	100.33	
08 52 16 00-0478	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	657.26	60.68
			<i>For Tempered Clear Insulated Glass, Add</i>	107.42	
08 52 16 00-0479	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	719.02	64.84
			<i>For Tempered Clear Insulated Glass, Add</i>	117.87	
08 52 16 00-0480	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	759.23	67.82
			<i>For Tempered Clear Insulated Glass, Add</i>	124.96	
08 52 16 00-0481	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	819.78	71.38
			<i>For Tempered Clear Insulated Glass, Add</i>	135.40	
08 52 16 00-0482	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	839.53	74.95
			<i>For Tempered Clear Insulated Glass, Add</i>	138.16	
08 52 16 00-0483	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	899.43	78.53
			<i>For Tempered Clear Insulated Glass, Add</i>	148.48	
08 52 16 00-0484	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,388.69	86.85
			<i>For Tempered Clear Insulated Glass, Add</i>	243.24	
<b>08 52 16 00-0485</b>			<b>24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0486	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	547.83	53.54
			<i>For Tempered Clear Insulated Glass, Add</i>	88.39	
08 52 16 00-0487	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	582.44	55.92
			<i>For Tempered Clear Insulated Glass, Add</i>	94.36	
08 52 16 00-0488	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	606.04	57.11
			<i>For Tempered Clear Insulated Glass, Add</i>	98.36	
08 52 16 00-0489	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	646.74	59.48
			<i>For Tempered Clear Insulated Glass, Add</i>	105.55	
08 52 16 00-0490	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	688.14	63.06
			<i>For Tempered Clear Insulated Glass, Add</i>	112.64	
08 52 16 00-0491	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	751.76	67.22
			<i>For Tempered Clear Insulated Glass, Add</i>	123.46	
08 52 16 00-0492	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	791.96	70.19
			<i>For Tempered Clear Insulated Glass, Add</i>	130.55	
08 52 16 00-0493	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	852.53	73.77
			<i>For Tempered Clear Insulated Glass, Add</i>	141.00	
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	870.07	77.34
			<i>For Tempered Clear Insulated Glass, Add</i>	143.32	
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	928.07	80.90
			<i>For Tempered Clear Insulated Glass, Add</i>	153.25	
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,461.50	89.24
			<i>For Tempered Clear Insulated Glass, Add</i>	256.84	
<b>08 52 16 00-0497</b>			<b>28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0461)</small>		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	547.00	55.92
			<i>For Tempered Clear Insulated Glass, Add</i>	87.27	
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	600.26	58.30
			<i>For Tempered Clear Insulated Glass, Add</i>	96.97	
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	634.53	59.48
			<i>For Tempered Clear Insulated Glass, Add</i>	103.11	
08 52 16 00-0501	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	698.14	61.87
			<i>For Tempered Clear Insulated Glass, Add</i>	114.88	
08 52 16 00-0502	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	761.93	65.43
			<i>For Tempered Clear Insulated Glass, Add</i>	126.45	
08 52 16 00-0503	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	855.39	69.60
			<i>For Tempered Clear Insulated Glass, Add</i>	143.24	
08 52 16 00-0504	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	916.12	72.58
			<i>For Tempered Clear Insulated Glass, Add</i>	154.43	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0505	EA	59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,008.41 171.22	76.14
08 52 16 00-0506	EA	64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,042.46 176.84	79.72
08 52 16 00-0507	EA	71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,131.84 193.05	83.29
08 52 16 00-0508	EA	84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,501.21 263.83	91.61
<b>08 52 16 00-0509</b>		<b>31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		
08 52 16 00-0510	EA	28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	634.53 103.11	59.48
08 52 16 00-0511	EA	31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	671.32 109.76	61.28
08 52 16 00-0512	EA	35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	721.97 118.93	63.65
08 52 16 00-0513	EA	40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	778.55 129.06	66.63
08 52 16 00-0514	EA	48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	860.85 143.62	71.38
08 52 16 00-0515	EA	52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	917.83 154.06	73.77
08 52 16 00-0516	EA	59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	998.94 168.62	78.53
08 52 16 00-0517	EA	64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,055.52 178.74	80.90
08 52 16 00-0518	EA	71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,138.22 193.62	85.07
08 52 16 00-0519	EA	84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,600.99 283.08	92.80
<b>08 52 16 00-0520</b>		<b>35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		
08 52 16 00-0521	EA	31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	721.97 118.93	63.65
08 52 16 00-0522	EA	35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	794.15 132.42	66.04
08 52 16 00-0523	EA	40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	857.93 143.98	69.01
08 52 16 00-0524	EA	48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	951.41 160.78	73.77
08 52 16 00-0525	EA	52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,014.00 172.34	76.14
08 52 16 00-0526	EA	59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,104.42 188.76	80.90
08 52 16 00-0527	EA	64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	964.21 159.53	83.29
08 52 16 00-0528	EA	71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,035.17 172.05	87.45
<b>08 52 16 00-0529</b>		<b>40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		
08 52 16 00-0530	EA	35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	846.74 141.75	69.01
08 52 16 00-0531	EA	40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	953.43 161.89	72.58
<b>08 52 16 00-0532</b>		<b>48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		
08 52 16 00-0533	EA	35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,007.38 171.97	73.77
08 52 16 00-0534	EA	40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,115.94 192.49	77.34
08 52 16 00-0535	EA	48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,274.71 222.34	81.50
<b>08 52 16 00-0536</b>		<b>59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		
08 52 16 00-0537	EA	35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,247.67 217.41	80.31
08 52 16 00-0538	EA	40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	1,342.73 235.23	83.29
<b>08 52 16 00-0539</b>		<b>71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small></b>		



		<b>Openings</b>	<b>08</b>
		Windows	08 50
		Wood Windows	08 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0540	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,364.70	80.90
			<i>For Tempered Clear Insulated Glass, Add</i>	240.58	
08 52 16 00-0541	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,411.79	87.45
			<i>For Tempered Clear Insulated Glass, Add</i>	247.38	
08 52 16 00-0542	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,562.70	90.42
			<i>For Tempered Clear Insulated Glass, Add</i>	276.37	
08 52 16 00-0543	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series) .....	1,716.81	95.19
			<i>For Tempered Clear Insulated Glass, Add</i>	305.29	
<b>08 52 16 00-0544</b>			<b>Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0460)</small>		
<b>08 52 16 00-0545</b>			<b>17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0546	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	429.43	48.79
			<i>For Tempered Clear Insulated Glass, Add</i>	66.37	
08 52 16 00-0547	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	462.18	51.16
			<i>For Tempered Clear Insulated Glass, Add</i>	71.97	
08 52 16 00-0548	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	483.79	52.94
			<i>For Tempered Clear Insulated Glass, Add</i>	75.58	
08 52 16 00-0549	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	519.01	55.33
			<i>For Tempered Clear Insulated Glass, Add</i>	81.67	
08 52 16 00-0550	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	556.67	58.30
			<i>For Tempered Clear Insulated Glass, Add</i>	88.02	
08 52 16 00-0551	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	614.70	63.06
			<i>For Tempered Clear Insulated Glass, Add</i>	97.72	
08 52 16 00-0552	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	649.32	65.43
			<i>For Tempered Clear Insulated Glass, Add</i>	103.69	
08 52 16 00-0553	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	704.28	70.19
			<i>For Tempered Clear Insulated Glass, Add</i>	113.02	
08 52 16 00-0554	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	741.94	72.58
			<i>For Tempered Clear Insulated Glass, Add</i>	119.36	
08 52 16 00-0555	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	796.91	76.74
			<i>For Tempered Clear Insulated Glass, Add</i>	128.69	
<b>08 52 16 00-0556</b>			<b>20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0557	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	455.39	51.16
			<i>For Tempered Clear Insulated Glass, Add</i>	70.85	
08 52 16 00-0558	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	488.13	53.54
			<i>For Tempered Clear Insulated Glass, Add</i>	76.45	
08 52 16 00-0559	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	507.93	54.73
			<i>For Tempered Clear Insulated Glass, Add</i>	79.69	
08 52 16 00-0560	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	546.84	57.11
			<i>For Tempered Clear Insulated Glass, Add</i>	86.52	
08 52 16 00-0561	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	584.50	60.68
			<i>For Tempered Clear Insulated Glass, Add</i>	92.87	
08 52 16 00-0562	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	640.66	64.84
			<i>For Tempered Clear Insulated Glass, Add</i>	102.19	
08 52 16 00-0563	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	677.14	67.82
			<i>For Tempered Clear Insulated Glass, Add</i>	108.54	
08 52 16 00-0564	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	730.23	71.38
			<i>For Tempered Clear Insulated Glass, Add</i>	117.49	
08 52 16 00-0565	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	769.77	74.95
			<i>For Tempered Clear Insulated Glass, Add</i>	124.21	
08 52 16 00-0566	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	822.87	78.53
			<i>For Tempered Clear Insulated Glass, Add</i>	133.16	
<b>08 52 16 00-0567</b>			<b>24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0568	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	484.40	53.54
			<i>For Tempered Clear Insulated Glass, Add</i>	75.70	
08 52 16 00-0569	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	517.15	55.92
			<i>For Tempered Clear Insulated Glass, Add</i>	81.30	
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	534.84	57.11
			<i>For Tempered Clear Insulated Glass, Add</i>	84.12	
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	573.98	59.48
			<i>For Tempered Clear Insulated Glass, Add</i>	91.00	
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	611.65	63.06
			<i>For Tempered Clear Insulated Glass, Add</i>	97.34	
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	667.81	67.22
			<i>For Tempered Clear Insulated Glass, Add</i>	106.67	
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	704.28	70.19
			<i>For Tempered Clear Insulated Glass, Add</i>	113.02	
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	759.25	73.77
			<i>For Tempered Clear Insulated Glass, Add</i>	122.34	
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	796.91	77.34
			<i>For Tempered Clear Insulated Glass, Add</i>	128.69	
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series) .....	851.88	80.90
			<i>For Tempered Clear Insulated Glass, Add</i>	138.01	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0578</b> <b>28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0579    EA    24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	487.30	55.92
For Tempered Clear Insulated Glass, Add	75.33	
08 52 16 00-0580    EA    28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	531.23	58.30
For Tempered Clear Insulated Glass, Add	83.16	
08 52 16 00-0581    EA    31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	555.42	59.48
For Tempered Clear Insulated Glass, Add	87.29	
08 52 16 00-0582    EA    35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	578.74	61.87
For Tempered Clear Insulated Glass, Add	91.00	
08 52 16 00-0583    EA    40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	661.18	65.43
For Tempered Clear Insulated Glass, Add	106.30	
08 52 16 00-0584    EA    48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	735.99	69.60
For Tempered Clear Insulated Glass, Add	119.36	
08 52 16 00-0585    EA    52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	785.53	72.58
For Tempered Clear Insulated Glass, Add	128.31	
08 52 16 00-0586    EA    59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	859.15	76.14
For Tempered Clear Insulated Glass, Add	141.37	
08 52 16 00-0587    EA    64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	911.75	79.72
For Tempered Clear Insulated Glass, Add	150.70	
08 52 16 00-0588    EA    71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	985.37	83.29
For Tempered Clear Insulated Glass, Add	163.76	
<b>08 52 16 00-0589</b> <b>31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0590    EA    28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	555.42	59.48
For Tempered Clear Insulated Glass, Add	87.29	
08 52 16 00-0591    EA    31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	585.88	61.28
For Tempered Clear Insulated Glass, Add	92.67	
08 52 16 00-0592    EA    35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	627.03	63.65
For Tempered Clear Insulated Glass, Add	99.95	
08 52 16 00-0593    EA    40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	674.12	66.63
For Tempered Clear Insulated Glass, Add	108.17	
08 52 16 00-0594    EA    48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	742.18	71.38
For Tempered Clear Insulated Glass, Add	119.88	
08 52 16 00-0595    EA    52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	788.08	73.77
For Tempered Clear Insulated Glass, Add	128.11	
08 52 16 00-0596    EA    59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	854.96	78.53
For Tempered Clear Insulated Glass, Add	139.82	
08 52 16 00-0597    EA    64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	900.46	80.90
For Tempered Clear Insulated Glass, Add	147.73	
08 52 16 00-0598    EA    71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	967.33	85.07
For Tempered Clear Insulated Glass, Add	159.44	
<b>08 52 16 00-0599</b> <b>35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0544)</small>		
08 52 16 00-0600    EA    31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	627.03	63.65
For Tempered Clear Insulated Glass, Add	99.95	
08 52 16 00-0601    EA    35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	687.81	66.04
For Tempered Clear Insulated Glass, Add	111.15	
08 52 16 00-0602    EA    40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	738.53	69.01
For Tempered Clear Insulated Glass, Add	120.10	
08 52 16 00-0603    EA    48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	815.22	73.77
For Tempered Clear Insulated Glass, Add	133.54	
08 52 16 00-0604    EA    52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	864.75	76.14
For Tempered Clear Insulated Glass, Add	142.49	
08 52 16 00-0605    EA    59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	938.38	80.90
For Tempered Clear Insulated Glass, Add	155.55	
08 52 16 00-0606    EA    64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	989.10	83.29
For Tempered Clear Insulated Glass, Add	164.51	
08 52 16 00-0607    EA    71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	1,062.73	87.45
For Tempered Clear Insulated Glass, Add	177.57	
<b>08 52 16 00-0608</b> <b>Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0459)</small>		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0609</b> <b>Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0608)</small>		
<b>08 52 16 00-0610</b> <b>17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611    EA    24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	579.62	48.79
For Tempered Low-E Insulated Glass, Add	96.41	
08 52 16 00-0612    EA    28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	621.69	51.16
For Tempered Low-E Insulated Glass, Add	103.87	
08 52 16 00-0613    EA    31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	656.25	52.94
For Tempered Low-E Insulated Glass, Add	110.07	
08 52 16 00-0614    EA    35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series).....	699.98	55.33
For Tempered Low-E Insulated Glass, Add	117.87	





<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0615	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	750.23 126.73	58.30
08 52 16 00-0616	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	827.39 140.25	63.06
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	876.46 149.12	65.43
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	947.74 161.71	70.19
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	973.65 165.70	72.58
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,044.15 178.13	76.74
<b>08 52 16 00-0621</b>			<b>20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	612.32 102.24	51.16
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	657.91 110.40	53.54
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	687.51 115.61	54.73
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	736.20 124.40	57.11
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	786.46 133.26	60.68
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	861.27 146.32	64.84
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	910.34 155.18	67.82
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	983.96 168.24	71.38
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,007.15 171.69	74.95
08 52 16 00-0631	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,079.95 184.58	78.53
08 52 16 00-0632	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,687.66 303.03	86.85
<b>08 52 16 00-0633</b>			<b>24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0634	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	653.24 109.47	53.54
08 52 16 00-0635	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	695.32 116.93	55.92
08 52 16 00-0636	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	723.92 121.94	57.11
08 52 16 00-0637	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	773.61 130.93	59.48
08 52 16 00-0638	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	823.87 139.79	63.06
08 52 16 00-0639	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	901.01 153.31	67.22
08 52 16 00-0640	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	950.07 162.17	70.19
08 52 16 00-0641	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,023.70 175.23	73.77
08 52 16 00-0642	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,044.15 178.13	77.34
08 52 16 00-0643	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,114.56 190.55	80.90
08 52 16 00-0644	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,777.48 320.04	89.24
<b>08 52 16 00-0645</b>			<b>28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0609)</small>		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	651.01 108.07	55.92
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	716.40 120.20	58.30
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	758.34 127.87	59.48
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	836.67 142.59	61.87
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	914.91 157.04	65.43
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,029.36 178.03	69.60
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,104.08 192.02	72.58



**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0653	EA 59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,217.36 213.01	76.14
08 52 16 00-0654	EA 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,258.44 220.04	79.72
08 52 16 00-0655	EA 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,571.17 280.92	83.29
08 52 16 00-0656	EA 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,825.93 328.78	91.61
<b>08 52 16 00-0657</b>	<b>31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		
08 52 16 00-0658	EA 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	758.34 127.87	59.48
08 52 16 00-0659	EA 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	803.44 136.18	61.28
08 52 16 00-0660	EA 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	865.56 147.65	63.65
08 52 16 00-0661	EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	934.80 160.31	66.63
08 52 16 00-0662	EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,035.30 178.51	71.38
08 52 16 00-0663	EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,105.32 191.56	73.77
08 52 16 00-0664	EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,204.63 209.75	78.53
08 52 16 00-0665	EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,273.87 222.41	80.90
08 52 16 00-0666	EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,375.16 241.00	85.07
08 52 16 00-0667	EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,949.76 352.83	92.80
<b>08 52 16 00-0668</b>	<b>35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		
08 52 16 00-0669	EA 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	865.56 147.65	63.65
08 52 16 00-0670	EA 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	954.59 164.51	66.04
08 52 16 00-0671	EA 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,032.84 178.97	69.01
08 52 16 00-0672	EA 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,147.30 199.95	73.77
08 52 16 00-0673	EA 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,224.35 214.41	76.14
08 52 16 00-0674	EA 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,335.29 234.93	80.90
08 52 16 00-0675	EA 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,158.55 198.40	83.29
08 52 16 00-0676	EA 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,245.16 214.05	87.45
<b>08 52 16 00-0677</b>	<b>40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		
08 52 16 00-0678	EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,012.90 176.17	69.01
08 52 16 00-0679	EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,154.30 201.35	73.77
<b>08 52 16 00-0680</b>	<b>48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		
08 52 16 00-0681	EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,217.26 213.95	73.77
08 52 16 00-0682	EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,351.47 239.60	77.34
08 52 16 00-0683	EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,547.56 276.91	81.50
<b>08 52 16 00-0684</b>	<b>59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		
08 52 16 00-0685	EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,514.36 270.75	80.31
08 52 16 00-0686	EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,631.69 293.02	83.29
<b>08 52 16 00-0687</b>	<b>71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)</b>		



		<b>Openings</b>	<b>08</b>
		<b>Windows</b>	<b>08 50</b>
		<b>Wood Windows</b>	<b>08 52</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0688	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	1,660.34	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	299.71	
08 52 16 00-0689	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	1,715.94	87.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	308.21	
08 52 16 00-0690	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	1,903.08	90.42
			<i>For Tempered Low-E Insulated Glass, Add</i>	344.45	
08 52 16 00-0691	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) .....	2,093.34	95.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	360.60	
<b>08 52 16 00-0692</b>			<b>Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0608)</small>		
<b>08 52 16 00-0693</b>			<b>17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0694	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	507.32	48.79
			<i>For Tempered Low-E Insulated Glass, Add</i>	81.95	
08 52 16 00-0695	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	547.06	51.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	88.95	
08 52 16 00-0696	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	573.19	52.94
			<i>For Tempered Low-E Insulated Glass, Add</i>	93.46	
08 52 16 00-0697	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	616.03	55.33
			<i>For Tempered Low-E Insulated Glass, Add</i>	101.08	
08 52 16 00-0698	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	661.61	58.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.00	
08 52 16 00-0699	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	731.77	63.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	121.13	
08 52 16 00-0700	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	773.85	65.43
			<i>For Tempered Low-E Insulated Glass, Add</i>	128.59	
08 52 16 00-0701	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	840.47	70.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	140.25	
08 52 16 00-0702	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	886.06	72.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	148.18	
08 52 16 00-0703	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	952.69	76.74
			<i>For Tempered Low-E Insulated Glass, Add</i>	159.84	
<b>08 52 16 00-0704</b>			<b>20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0705	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	538.88	51.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	87.55	
08 52 16 00-0706	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	578.62	53.54
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.55	
08 52 16 00-0707	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	602.47	54.73
			<i>For Tempered Low-E Insulated Glass, Add</i>	98.60	
08 52 16 00-0708	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	649.91	57.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	107.14	
08 52 16 00-0709	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	695.51	60.68
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.07	
08 52 16 00-0710	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	763.33	64.84
			<i>For Tempered Low-E Insulated Glass, Add</i>	126.73	
08 52 16 00-0711	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	807.73	67.82
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.66	
08 52 16 00-0712	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	872.02	71.38
			<i>For Tempered Low-E Insulated Glass, Add</i>	145.85	
08 52 16 00-0713	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	919.95	74.95
			<i>For Tempered Low-E Insulated Glass, Add</i>	154.25	
08 52 16 00-0714	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	984.25	78.53
			<i>For Tempered Low-E Insulated Glass, Add</i>	165.44	
<b>08 52 16 00-0715</b>			<b>24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0716	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	573.95	53.54
			<i>For Tempered Low-E Insulated Glass, Add</i>	93.61	
08 52 16 00-0717	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	613.69	55.92
			<i>For Tempered Low-E Insulated Glass, Add</i>	100.61	
08 52 16 00-0718	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	634.92	57.11
			<i>For Tempered Low-E Insulated Glass, Add</i>	104.14	
08 52 16 00-0719	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	682.66	59.48
			<i>For Tempered Low-E Insulated Glass, Add</i>	112.74	
08 52 16 00-0720	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	728.25	63.06
			<i>For Tempered Low-E Insulated Glass, Add</i>	120.66	
08 52 16 00-0721	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	796.07	67.22
			<i>For Tempered Low-E Insulated Glass, Add</i>	132.32	
08 52 16 00-0722	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	840.47	70.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	140.25	
08 52 16 00-0723	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	907.10	73.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	151.91	
08 52 16 00-0724	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	952.69	77.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	159.84	
08 52 16 00-0725	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) .....	1,019.32	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	171.50	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

08 52 16 00-0726	<b>28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0727	EA 24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	576.38	55.92
	<i>For Tempered Low-E Insulated Glass, Add</i>	93.15	
08 52 16 00-0728	EA 28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	630.11	58.30
	<i>For Tempered Low-E Insulated Glass, Add</i>	102.94	
08 52 16 00-0729	EA 31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	659.45	59.48
	<i>For Tempered Low-E Insulated Glass, Add</i>	108.09	
08 52 16 00-0730	EA 35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	687.42	61.87
	<i>For Tempered Low-E Insulated Glass, Add</i>	112.74	
08 52 16 00-0731	EA 40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	788.98	65.43
	<i>For Tempered Low-E Insulated Glass, Add</i>	131.86	
08 52 16 00-0732	EA 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	880.11	69.60
	<i>For Tempered Low-E Insulated Glass, Add</i>	148.18	
08 52 16 00-0733	EA 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	940.84	72.58
	<i>For Tempered Low-E Insulated Glass, Add</i>	159.38	
08 52 16 00-0734	EA 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,030.79	76.14
	<i>For Tempered Low-E Insulated Glass, Add</i>	175.70	
08 52 16 00-0735	EA 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,095.04	79.72
	<i>For Tempered Low-E Insulated Glass, Add</i>	187.36	
08 52 16 00-0736	EA 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,185.00	83.29
	<i>For Tempered Low-E Insulated Glass, Add</i>	203.69	

08 52 16 00-0737	<b>31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0738	EA 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series).....	659.45	59.48
	<i>For Tempered Low-E Insulated Glass, Add</i>	108.09	
08 52 16 00-0739	EA 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	696.64	61.28
	<i>For Tempered Low-E Insulated Glass, Add</i>	114.82	
08 52 16 00-0740	EA 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	746.89	63.65
	<i>For Tempered Low-E Insulated Glass, Add</i>	123.92	
08 52 16 00-0741	EA 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	804.26	66.63
	<i>For Tempered Low-E Insulated Glass, Add</i>	134.20	
08 52 16 00-0742	EA 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	886.96	71.38
	<i>For Tempered Low-E Insulated Glass, Add</i>	148.84	
08 52 16 00-0743	EA 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	943.14	73.77
	<i>For Tempered Low-E Insulated Glass, Add</i>	159.12	
08 52 16 00-0744	EA 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,024.65	78.53
	<i>For Tempered Low-E Insulated Glass, Add</i>	173.76	
08 52 16 00-0745	EA 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,080.05	80.90
	<i>For Tempered Low-E Insulated Glass, Add</i>	183.65	
08 52 16 00-0746	EA 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,161.56	85.07
	<i>For Tempered Low-E Insulated Glass, Add</i>	198.28	

08 52 16 00-0747	<b>35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0692)</small>		
08 52 16 00-0748	EA 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	746.89	63.65
	<i>For Tempered Low-E Insulated Glass, Add</i>	123.92	
08 52 16 00-0749	EA 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	821.67	66.04
	<i>For Tempered Low-E Insulated Glass, Add</i>	137.92	
08 52 16 00-0750	EA 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	883.59	69.01
	<i>For Tempered Low-E Insulated Glass, Add</i>	149.12	
08 52 16 00-0751	EA 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	977.06	73.77
	<i>For Tempered Low-E Insulated Glass, Add</i>	165.91	
08 52 16 00-0752	EA 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,037.79	76.14
	<i>For Tempered Low-E Insulated Glass, Add</i>	177.10	
08 52 16 00-0753	EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,127.74	80.90
	<i>For Tempered Low-E Insulated Glass, Add</i>	193.42	
08 52 16 00-0754	EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,189.66	83.29
	<i>For Tempered Low-E Insulated Glass, Add</i>	204.62	
08 52 16 00-0755	EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series).....	1,279.61	87.45
	<i>For Tempered Low-E Insulated Glass, Add</i>	220.94	

08 52 16 00-0756	<b>Horizontal Sliding Wood Clad Windows</b> <small>(08 52 16)</small>		
	Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757	<b>One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0756)</small>		
	Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758	<b>17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0757)</small>		
08 52 16 00-0759	EA 47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	603.86	63.06
	<i>For Tempered Clear Insulated Glass, Add</i>	95.79	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 52 16 00-0760</b> 23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0761 EA 35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	555.27	58.30
For Tempered Clear Insulated Glass, Add	87.50	
08 52 16 00-0762 EA 47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	650.13	66.63
For Tempered Clear Insulated Glass, Add	103.61	
<b>08 52 16 00-0763</b> 35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0764 EA 35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	650.13	66.63
For Tempered Clear Insulated Glass, Add	103.61	
08 52 16 00-0765 EA 47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	745.01	73.77
For Tempered Clear Insulated Glass, Add	119.73	
08 52 16 00-0766 EA 59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	839.87	80.31
For Tempered Clear Insulated Glass, Add	135.85	
08 52 16 00-0767 EA 71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	934.73	87.45
For Tempered Clear Insulated Glass, Add	151.97	
<b>08 52 16 00-0768</b> 41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0769 EA 35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	698.71	70.19
For Tempered Clear Insulated Glass, Add	111.90	
08 52 16 00-0770 EA 47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	791.28	77.34
For Tempered Clear Insulated Glass, Add	127.56	
08 52 16 00-0771 EA 59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	886.14	83.88
For Tempered Clear Insulated Glass, Add	143.68	
08 52 16 00-0772 EA 71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	1,061.61	91.02
For Tempered Clear Insulated Glass, Add	175.91	
<b>08 52 16 00-0773</b> 47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0774 EA 35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	745.01	73.77
For Tempered Clear Insulated Glass, Add	119.73	
08 52 16 00-0775 EA 47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	839.87	80.90
For Tempered Clear Insulated Glass, Add	135.85	
08 52 16 00-0776 EA 59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	934.73	87.45
For Tempered Clear Insulated Glass, Add	151.97	
08 52 16 00-0777 EA 71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	1,029.59	94.59
For Tempered Clear Insulated Glass, Add	168.08	
<b>08 52 16 00-0778</b> 53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0779 EA 47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	886.14	84.48
For Tempered Clear Insulated Glass, Add	143.68	
08 52 16 00-0780 EA 59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	981.02	91.02
For Tempered Clear Insulated Glass, Add	159.80	
08 52 16 00-0781 EA 71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	1,075.88	98.15
For Tempered Clear Insulated Glass, Add	175.91	
<b>08 52 16 00-0782</b> 59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0783 EA 47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	934.73	88.04
For Tempered Clear Insulated Glass, Add	151.97	
08 52 16 00-0784 EA 59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	1,029.59	94.59
For Tempered Clear Insulated Glass, Add	168.08	
08 52 16 00-0785 EA 71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	1,124.64	101.73
For Tempered Clear Insulated Glass, Add	184.24	
<b>08 52 16 00-0786</b> Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0756)</small>		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0787</b> 22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0788 EA 35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,363.22	58.30
For Tempered Low-E Insulated Glass, Add	249.09	
08 52 16 00-0789 EA 47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,623.86	66.63
For Tempered Low-E Insulated Glass, Add	298.36	
<b>08 52 16 00-0790</b> 35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		

**08 Openings****08 50 Windows**

08 52 Wood Windows



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0791	EA		35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,644.59	66.63
			<i>For Tempered Low-E Insulated Glass, Add</i>	302.51	
08 52 16 00-0792	EA		47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,907.55	73.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	352.24	
08 52 16 00-0793	EA		59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,168.19	80.31
			<i>For Tempered Low-E Insulated Glass, Add</i>	401.51	
08 52 16 00-0794	EA		71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,428.84	87.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	450.79	
<b>08 52 16 00-0795</b>			<b>41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)</b>		
08 52 16 00-0796	EA		35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,776.06	70.19
			<i>For Tempered Low-E Insulated Glass, Add</i>	327.37	
08 52 16 00-0797	EA		47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,036.71	77.34
			<i>For Tempered Low-E Insulated Glass, Add</i>	376.65	
08 52 16 00-0798	EA		59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,299.66	83.88
			<i>For Tempered Low-E Insulated Glass, Add</i>	426.38	
08 52 16 00-0799	EA		71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,560.32	91.02
			<i>For Tempered Low-E Insulated Glass, Add</i>	475.66	
<b>08 52 16 00-0800</b>			<b>47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)</b>		
08 52 16 00-0801	EA		35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,907.55	73.77
			<i>For Tempered Low-E Insulated Glass, Add</i>	352.24	
08 52 16 00-0802	EA		47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,168.19	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	401.51	
08 52 16 00-0803	EA		59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,428.84	87.45
			<i>For Tempered Low-E Insulated Glass, Add</i>	450.79	
08 52 16 00-0804	EA		71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,691.78	94.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	500.52	
<b>08 52 16 00-0805</b>			<b>59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)</b>		
08 52 16 00-0806	EA		35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,168.19	80.90
			<i>For Tempered Low-E Insulated Glass, Add</i>	401.51	
08 52 16 00-0807	EA		47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,428.84	88.04
			<i>For Tempered Low-E Insulated Glass, Add</i>	450.79	
08 52 16 00-0808	EA		59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,691.78	94.59
			<i>For Tempered Low-E Insulated Glass, Add</i>	500.52	
08 52 16 00-0809	EA		71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	2,952.43	101.73
			<i>For Tempered Low-E Insulated Glass, Add</i>	549.80	
<b>08 52 16 00-0810</b>			<b>Picture Wood Clad Windows (08 52 16)</b>		
			Note: Picture windows are fixed windows.		
<b>08 52 16 00-0811</b>			<b>Picture Wood Clad Windows For Awning And Casement Windows (08 52 16 00-0810)</b>		
<b>08 52 16 00-0812</b>			<b>Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0811)</b>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
<b>08 52 16 00-0813</b>			<b>12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0814	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	475.13	47.59
			<i>For Tempered Clear Insulated Glass, Add</i>	75.99	
08 52 16 00-0815	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	556.62	52.35
			<i>For Tempered Clear Insulated Glass, Add</i>	90.38	
08 52 16 00-0816	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	591.50	54.73
			<i>For Tempered Clear Insulated Glass, Add</i>	96.41	
08 52 16 00-0817	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	641.68	59.48
			<i>For Tempered Clear Insulated Glass, Add</i>	104.78	
08 52 16 00-0818	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	676.08	61.87
			<i>For Tempered Clear Insulated Glass, Add</i>	110.47	
08 52 16 00-0819	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	726.25	66.63
			<i>For Tempered Clear Insulated Glass, Add</i>	118.84	
<b>08 52 16 00-0820</b>			<b>35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)</b>		
08 52 16 00-0821	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	526.49	58.30
			<i>For Tempered Clear Insulated Glass, Add</i>	81.98	
08 52 16 00-0822	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	609.89	61.87
			<i>For Tempered Clear Insulated Glass, Add</i>	97.47	
08 52 16 00-0823	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	732.75	66.04
			<i>For Tempered Clear Insulated Glass, Add</i>	120.14	
08 52 16 00-0824	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	813.07	68.41
			<i>For Tempered Clear Insulated Glass, Add</i>	135.25	





		<b>Openings</b>	<b>08</b>
		<b>Windows</b>	<b>08 50</b>
		<b>Wood Windows</b>	<b>08 52</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0825	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	932.85	72.58
			<i>For Tempered Clear Insulated Glass, Add</i>	157.54	
08 52 16 00-0826	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,016.24	75.55
			<i>For Tempered Clear Insulated Glass, Add</i>	173.03	
08 52 16 00-0827	EA		71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,513.81	79.72
			<i>For Tempered Clear Insulated Glass, Add</i>	270.88	
<b>08 52 16 00-0828</b>			<b>40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>		
08 52 16 00-0829	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	609.89	61.87
			<i>For Tempered Clear Insulated Glass, Add</i>	97.47	
08 52 16 00-0830	EA		40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	693.30	64.25
			<i>For Tempered Clear Insulated Glass, Add</i>	112.96	
08 52 16 00-0831	EA		48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	816.15	69.01
			<i>For Tempered Clear Insulated Glass, Add</i>	135.63	
08 52 16 00-0832	EA		52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	896.46	71.38
			<i>For Tempered Clear Insulated Glass, Add</i>	150.74	
08 52 16 00-0833	EA		59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,016.24	76.14
			<i>For Tempered Clear Insulated Glass, Add</i>	173.03	
08 52 16 00-0834	EA		64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,099.64	78.53
			<i>For Tempered Clear Insulated Glass, Add</i>	188.52	
08 52 16 00-0835	EA		71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,219.42	83.29
			<i>For Tempered Clear Insulated Glass, Add</i>	210.81	
<b>08 52 16 00-0836</b>			<b>48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>		
08 52 16 00-0837	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	732.75	66.63
			<i>For Tempered Clear Insulated Glass, Add</i>	120.14	
08 52 16 00-0838	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	816.15	69.01
			<i>For Tempered Clear Insulated Glass, Add</i>	135.63	
08 52 16 00-0839	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	939.00	73.77
			<i>For Tempered Clear Insulated Glass, Add</i>	158.29	
08 52 16 00-0840	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,019.32	76.14
			<i>For Tempered Clear Insulated Glass, Add</i>	173.41	
08 52 16 00-0841	EA		59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,139.10	80.90
			<i>For Tempered Clear Insulated Glass, Add</i>	195.70	
08 52 16 00-0842	EA		64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,222.50	83.29
			<i>For Tempered Clear Insulated Glass, Add</i>	211.19	
08 52 16 00-0843	EA		71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,342.28	88.04
			<i>For Tempered Clear Insulated Glass, Add</i>	233.48	
<b>08 52 16 00-0844</b>			<b>52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>		
08 52 16 00-0845	EA		35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	813.07	69.01
			<i>For Tempered Clear Insulated Glass, Add</i>	135.25	
08 52 16 00-0846	EA		40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	896.46	71.38
			<i>For Tempered Clear Insulated Glass, Add</i>	150.74	
08 52 16 00-0847	EA		48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,019.32	76.14
			<i>For Tempered Clear Insulated Glass, Add</i>	173.41	
08 52 16 00-0848	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,099.64	78.53
			<i>For Tempered Clear Insulated Glass, Add</i>	188.52	
08 52 16 00-0849	EA		59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,219.42	83.29
			<i>For Tempered Clear Insulated Glass, Add</i>	210.81	
08 52 16 00-0850	EA		64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,302.82	85.66
			<i>For Tempered Clear Insulated Glass, Add</i>	226.30	
08 52 16 00-0851	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,534.03	90.42
			<i>For Tempered Clear Insulated Glass, Add</i>	270.88	
<b>08 52 16 00-0852</b>			<b>59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>		
08 52 16 00-0853	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	932.85	72.58
			<i>For Tempered Clear Insulated Glass, Add</i>	157.54	
08 52 16 00-0854	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,016.24	76.14
			<i>For Tempered Clear Insulated Glass, Add</i>	173.03	
08 52 16 00-0855	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,139.10	80.31
			<i>For Tempered Clear Insulated Glass, Add</i>	195.70	
08 52 16 00-0856	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,219.42	82.68
			<i>For Tempered Clear Insulated Glass, Add</i>	210.81	
08 52 16 00-0857	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,339.19	86.85
			<i>For Tempered Clear Insulated Glass, Add</i>	233.10	
08 52 16 00-0858	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,422.59	89.83
			<i>For Tempered Clear Insulated Glass, Add</i>	248.59	
08 52 16 00-0859	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,542.36	93.99
			<i>For Tempered Clear Insulated Glass, Add</i>	270.88	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 52 16 00-0860		<b>64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>			
08 52 16 00-0861	EA	35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,016.24 173.03		76.14
08 52 16 00-0862	EA	40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,099.64 188.52		78.53
08 52 16 00-0863	EA	48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,222.50 211.19		83.29
08 52 16 00-0864	EA	52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,302.82 226.30		85.66
08 52 16 00-0865	EA	59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,534.03 270.88		90.42
08 52 16 00-0866		<b>71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series)</b> <small>(08 52 16 00-0812)</small>			
08 52 16 00-0867	EA	35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,136.02 195.32		79.72
08 52 16 00-0868	EA	40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,219.42 210.81		83.29
08 52 16 00-0869	EA	48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,342.28 233.48		87.45
08 52 16 00-0870	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,422.59 248.59		89.83
08 52 16 00-0871	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,542.36 270.88		93.99
08 52 16 00-0872		<b>Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0811)</small>			
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.					
08 52 16 00-0873		<b>12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>			
08 52 16 00-0874	EA	40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	564.26 93.81		47.59
08 52 16 00-0875	EA	48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.62 111.58		52.35
08 52 16 00-0876	EA	52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	704.58 119.02		54.73
08 52 16 00-0877	EA	59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	764.56 129.35		59.48
08 52 16 00-0878	EA	64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	805.64 136.38		61.87
08 52 16 00-0879	EA	71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	865.62 146.71		66.63
08 52 16 00-0880		<b>35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>			
08 52 16 00-0881	EA	35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	622.64 101.21		58.30
08 52 16 00-0882	EA	40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	724.21 120.33		61.87
08 52 16 00-0883	EA	48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	873.65 148.32		66.04
08 52 16 00-0884	EA	52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	971.69 166.97		68.41
08 52 16 00-0885	EA	59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,117.61 194.49		72.58
08 52 16 00-0886	EA	64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.18 213.62		75.55
08 52 16 00-0887	EA	71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,831.51 334.42		79.72
08 52 16 00-0888		<b>40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0872)</small>			
08 52 16 00-0889	EA	35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	724.21 120.33		61.87
08 52 16 00-0890	EA	40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	825.78 139.46		64.25
08 52 16 00-0891	EA	48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	975.22 167.44		69.01
08 52 16 00-0892	EA	52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,073.26 186.10		71.38
08 52 16 00-0893	EA	59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.18 213.62		76.14
08 52 16 00-0894	EA	64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,320.74 232.74		78.53



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0895 EA 71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,466.66 260.26	83.29
<b>08 52 16 00-0896 48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0897 EA 35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	873.65 148.32	66.63
08 52 16 00-0898 EA 40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	975.22 167.44	69.01
08 52 16 00-0899 EA 48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,124.66 195.43	73.77
08 52 16 00-0900 EA 52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,222.70 214.08	76.14
08 52 16 00-0901 EA 59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,368.62 241.60	80.90
08 52 16 00-0902 EA 64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,470.19 260.72	83.29
08 52 16 00-0903 EA 71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,616.11 288.24	88.04
<b>08 52 16 00-0904 52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0905 EA 35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	971.69 166.97	69.01
08 52 16 00-0906 EA 40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,073.26 186.10	71.38
08 52 16 00-0907 EA 48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,222.70 214.08	76.14
08 52 16 00-0908 EA 52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,320.74 232.74	78.53
08 52 16 00-0909 EA 59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,466.66 260.26	83.29
08 52 16 00-0910 EA 64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,568.23 279.38	85.66
08 52 16 00-0911 EA 71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,851.73 334.42	90.42
<b>08 52 16 00-0912 59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0913 EA 35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,117.61 194.49	72.58
08 52 16 00-0914 EA 40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.18 213.62	76.14
08 52 16 00-0915 EA 48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,368.62 241.60	80.31
08 52 16 00-0916 EA 52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,466.66 260.26	82.68
08 52 16 00-0917 EA 59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,612.57 287.77	86.85
08 52 16 00-0918 EA 64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,714.14 306.90	89.83
08 52 16 00-0919 EA 71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,860.06 334.42	93.99
<b>08 52 16 00-0920 64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0921 EA 35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.18 213.62	76.14
08 52 16 00-0922 EA 40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,320.74 232.74	78.53
08 52 16 00-0923 EA 48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,470.19 260.72	83.29
08 52 16 00-0924 EA 52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,568.23 279.38	85.66
08 52 16 00-0925 EA 59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,851.73 334.42	90.42
<b>08 52 16 00-0926 71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)</b>		
08 52 16 00-0927 EA 35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,365.10 241.13	79.72
08 52 16 00-0928 EA 40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,466.66 260.26	83.29
08 52 16 00-0929 EA 48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,616.11 288.24	87.45

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 52</b>	<b>Wood Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0930	EA	52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,714.14	89.83
		<i>For Tempered Low-E Insulated Glass, Add</i>	306.90	
08 52 16 00-0931	EA	59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series).....	1,860.06	93.99
		<i>For Tempered Low-E Insulated Glass, Add</i>	334.42	
08 52 16 00-0932		Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)		
08 52 16 00-0933		Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934		35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0935	EA	56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	675.64	74.36
		<i>For Tempered Clear Insulated Glass, Add</i>	105.38	
08 52 16 00-0936	EA	59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	693.68	76.14
		<i>For Tempered Clear Insulated Glass, Add</i>	108.28	
08 52 16 00-0937		47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0938	EA	47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	693.68	76.14
		<i>For Tempered Clear Insulated Glass, Add</i>	108.28	
08 52 16 00-0939	EA	71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	842.09	90.42
		<i>For Tempered Clear Insulated Glass, Add</i>	132.25	
08 52 16 00-0940		53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0941	EA	56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	787.99	85.07
		<i>For Tempered Clear Insulated Glass, Add</i>	123.57	
08 52 16 00-0942	EA	59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	806.01	86.85
		<i>For Tempered Clear Insulated Glass, Add</i>	126.46	
08 52 16 00-0943		56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0944	EA	35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	675.64	74.95
		<i>For Tempered Clear Insulated Glass, Add</i>	105.38	
08 52 16 00-0945	EA	53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	787.99	85.07
		<i>For Tempered Clear Insulated Glass, Add</i>	123.57	
08 52 16 00-0946		59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0947	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	693.68	76.14
		<i>For Tempered Clear Insulated Glass, Add</i>	108.28	
08 52 16 00-0948	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	806.01	86.85
		<i>For Tempered Clear Insulated Glass, Add</i>	126.46	
08 52 16 00-0949	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	842.09	90.42
		<i>For Tempered Clear Insulated Glass, Add</i>	132.25	
08 52 16 00-0950	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	880.21	93.99
		<i>For Tempered Clear Insulated Glass, Add</i>	138.45	
08 52 16 00-0951		65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0952	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	880.21	93.99
		<i>For Tempered Clear Insulated Glass, Add</i>	138.45	
08 52 16 00-0953		71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0954	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series).....	842.09	90.42
		<i>For Tempered Clear Insulated Glass, Add</i>	132.25	
08 52 16 00-0955		Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0932)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956		48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0957	EA	12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	758.61	55.92
		<i>For Tempered Low-E Insulated Glass, Add</i>	129.35	
08 52 16 00-0958	EA	37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series).....	1,061.12	71.38
		<i>For Tempered Low-E Insulated Glass, Add</i>	183.91	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0959	EA		41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,107.21 192.17	73.17
08 52 16 00-0960	EA		47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,176.33 204.57	76.74
08 52 16 00-0961	EA		51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,222.42 212.84	79.72
08 52 16 00-0962	EA		59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,316.65 229.78	83.88
08 52 16 00-0963	EA		67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,410.90 246.72	89.24
<b>08 52 16 00-0964</b>			<b>52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small></b>		
08 52 16 00-0965	EA		12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	806.76 138.03	58.30
08 52 16 00-0966	EA		37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,107.21 192.17	73.77
08 52 16 00-0967	EA		41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,155.36 200.85	75.55
08 52 16 00-0968	EA		47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,222.42 212.84	79.12
08 52 16 00-0969	EA		51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,270.58 221.52	82.09
08 52 16 00-0970	EA		59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,364.81 238.46	86.26
08 52 16 00-0971	EA		67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,459.06 255.40	91.61
<b>08 52 16 00-0972</b>			<b>56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small></b>		
08 52 16 00-0973	EA		12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	852.85 146.30	60.68
08 52 16 00-0974	EA		37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,155.36 200.85	76.14
08 52 16 00-0975	EA		41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,201.44 209.12	77.93
08 52 16 00-0976	EA		47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,270.58 221.52	81.50
08 52 16 00-0977	EA		51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,316.65 229.78	84.48
08 52 16 00-0978	EA		59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,410.90 246.72	88.64
08 52 16 00-0979	EA		67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,507.21 264.08	93.99
<b>08 52 16 00-0980</b>			<b>60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small></b>		
08 52 16 00-0981	EA		12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	901.01 154.98	63.06
08 52 16 00-0982	EA		37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,201.44 209.12	78.53
08 52 16 00-0983	EA		41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,249.60 217.80	80.31
08 52 16 00-0984	EA		47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,316.65 229.78	83.88
08 52 16 00-0985	EA		51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,364.81 238.46	86.85
08 52 16 00-0986	EA		59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,459.06 255.40	91.02
08 52 16 00-0987	EA		67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,553.30 272.35	96.37
<b>08 52 16 00-0988</b>			<b>64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small></b>		
08 52 16 00-0989	EA		12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	947.10 163.24	65.43
08 52 16 00-0990	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,249.60 217.80	80.90
08 52 16 00-0991	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,297.75 226.47	82.68
08 52 16 00-0992	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,364.81 238.46	86.26
08 52 16 00-0993	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,410.90 246.72	89.24
08 52 16 00-0994	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,507.21 264.08	93.39
08 52 16 00-0995	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,601.44 281.03	98.75



**08 Openings****08 50 Windows****08 52 Wood Windows**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0996			<b>68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-0997	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 995.25	995.25	67.82
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 171.92	171.92	
08 52 16 00-0998	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,297.75	1,297.75	83.29
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 226.47	226.47	
08 52 16 00-0999	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,343.84	1,343.84	85.07
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 234.74	234.74	
08 52 16 00-1000	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,410.90	1,410.90	88.64
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 246.72	246.72	
08 52 16 00-1001	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,459.06	1,459.06	91.61
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 255.40	255.40	
08 52 16 00-1002	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,553.30	1,553.30	95.78
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 272.35	272.35	
08 52 16 00-1003	EA		67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,647.53	1,647.53	101.13
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 289.29	289.29	
08 52 16 00-1004			<b>72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-1005	EA		12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,041.34	1,041.34	70.19
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 180.19	180.19	
08 52 16 00-1006	EA		37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,343.84	1,343.84	85.66
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 234.74	234.74	
08 52 16 00-1007	EA		41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,391.99	1,391.99	87.45
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 243.42	243.42	
08 52 16 00-1008	EA		47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,459.06	1,459.06	91.02
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 255.40	255.40	
08 52 16 00-1009	EA		51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,507.21	1,507.21	93.99
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 264.08	264.08	
08 52 16 00-1010	EA		59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,601.44	1,601.44	98.15
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 281.03	281.03	
08 52 16 00-1011	EA		67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,695.68	1,695.68	103.51
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 297.97	297.97	
08 52 16 00-1012			<b>76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series)</b> <small>(08 52 16 00-0955)</small>		
08 52 16 00-1013	EA		12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,089.48	1,089.48	72.58
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 188.87	188.87	
08 52 16 00-1014	EA		37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,391.99	1,391.99	88.04
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 243.42	243.42	
08 52 16 00-1015	EA		41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,438.07	1,438.07	89.83
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 251.68	251.68	
08 52 16 00-1016	EA		47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,507.21	1,507.21	93.39
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 264.08	264.08	
08 52 16 00-1017	EA		51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,553.30	1,553.30	96.37
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 272.35	272.35	
08 52 16 00-1018	EA		59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,647.53	1,647.53	100.54
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 289.29	289.29	
08 52 16 00-1019	EA		67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) ..... 1,741.77	1,741.77	105.89
			<i>For Tempered Low-E Insulated Glass, Add</i> ..... 306.24	306.24	
08 52 16 00-1020			<b>Picture Wood Clad Windows For Horizontal Sliding Windows</b> <small>(08 52 16 00-0810)</small>		
08 52 16 00-1021			<b>Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1020)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022			<b>35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1023	EA		56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... 675.64	675.64	74.36
			<i>For Tempered Clear Insulated Glass, Add</i> ..... 105.38	105.38	
08 52 16 00-1024	EA		59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... 693.68	693.68	76.14
			<i>For Tempered Clear Insulated Glass, Add</i> ..... 108.28	108.28	
08 52 16 00-1025			<b>47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		
08 52 16 00-1026	EA		47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... 693.68	693.68	76.14
			<i>For Tempered Clear Insulated Glass, Add</i> ..... 108.28	108.28	
08 52 16 00-1027	EA		71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... 842.09	842.09	90.42
			<i>For Tempered Clear Insulated Glass, Add</i> ..... 132.25	132.25	
08 52 16 00-1028			<b>53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series)</b> <small>(08 52 16 00-1021)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Wood Windows	08 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1029	EA		56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	787.99 123.57	85.07
08 52 16 00-1030	EA		59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	806.01 126.46	86.85
<b>08 52 16 00-1031</b>			<b>56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)</b>		
08 52 16 00-1032	EA		35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	675.64 105.38	74.95
08 52 16 00-1033	EA		53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	787.99 123.57	85.07
<b>08 52 16 00-1034</b>			<b>59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)</b>		
08 52 16 00-1035	EA		35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	693.68 108.28	76.14
08 52 16 00-1036	EA		53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	806.01 126.46	86.85
08 52 16 00-1037	EA		59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	842.09 132.25	90.42
08 52 16 00-1038	EA		65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	880.21 138.45	93.99
<b>08 52 16 00-1039</b>			<b>65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)</b>		
08 52 16 00-1040	EA		59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	880.21 138.45	93.99
<b>08 52 16 00-1041</b>			<b>71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)</b>		
08 52 16 00-1042	EA		47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) ..... <i>For Tempered Clear Insulated Glass, Add</i>	842.09 132.25	90.42
<b>08 52 16 00-1043</b>			<b>Basement Wood Clad Windows (08 52 16)</b> Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
<b>08 52 16 00-1044</b>			<b>Basement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-1043)</b> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA		32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	356.14	47.59
08 52 16 00-1046	EA		32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	375.74	47.59
08 52 16 00-1047	EA		32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series) .....	392.98	47.59
<b>08 52 16 00-1048</b>			<b>Factory Installed Grilles For Wood Clad Windows (08 52 16)</b>		
<b>08 52 16 00-1049</b>			<b>Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1050	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	50.99	
08 52 16 00-1051	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	75.14	
08 52 16 00-1052	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	101.98	
08 52 16 00-1053	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	128.81	
08 52 16 00-1054	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	182.48	
<b>08 52 16 00-1055</b>			<b>Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1056	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	81.58	
08 52 16 00-1057	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	120.23	
08 52 16 00-1058	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	163.16	
08 52 16 00-1059	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	206.10	
08 52 16 00-1060	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows .....	291.98	
<b>08 52 16 00-1061</b>			<b>Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		



**08 Openings****08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1062	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows.....	97.90	
08 52 16 00-1063	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	144.27	
08 52 16 00-1064	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	195.80	
08 52 16 00-1065	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	247.32	
08 52 16 00-1066	EA		>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows .....	350.37	
<b>08 52 16 00-1067</b>			<b>Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)</b>		
08 52 16 00-1068	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	117.49	
08 52 16 00-1069	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	173.12	
08 52 16 00-1070	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	234.95	
08 52 16 00-1071	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	296.78	
08 52 16 00-1072	EA		>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows .....	420.44	
<b>08 52 66</b>			<b>Wood Window Screens (08 52)</b>		
<b>08 52 66 00-0001</b>			<b>Insect Screens For Wood Clad Windows (08 52 66)</b>		
08 52 66 00-0002	EA		Up To 6 SF, Insect Screen For Wood Clad Windows .....	47.09	10.57
08 52 66 00-0003	EA		>6 To 9 SF, Insect Screen For Wood Clad Windows.....	54.50	10.57
08 52 66 00-0004	EA		>9 To 12 SF, Insect Screen For Wood Clad Windows.....	58.21	10.57
08 52 66 00-0005	EA		>12 To 15 SF, Insect Screen For Wood Clad Windows.....	65.62	10.57
08 52 66 00-0006	EA		>15 To 20 SF, Insect Screen For Wood Clad Windows.....	80.45	10.57
08 52 66 00-0007	EA		>20 To 25 SF, Insect Screen For Wood Clad Windows.....	87.86	10.57
08 52 66 00-0008	EA		>25 To 30 SF, Insect Screen For Wood Clad Windows.....	95.27	10.57
08 52 66 00-0009	EA		>30 To 35 SF, Insect Screen For Wood Clad Windows.....	102.68	10.57
08 52 66 00-0010	SF		>35 SF, Insect Screen For Wood Clad Windows.....	3.07	0.21
<b>08 53</b>			<b>Plastic Windows (08 50)</b>		
<b>08 53 13</b>			<b>Vinyl Windows (08 53)</b>		
08 53 13 00-0001			Single Hung Vinyl Windows (08 53 13)		
08 53 13 00-0002			New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0001) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0003			34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		
08 53 13 00-0004	EA		24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	345.29	54.73
			For Colored Vinyl, Add	23.58	
			For Tinted Glass, Add	28.30	
			For Low-E Insulated Glass, Add	58.96	
			For Obscure Glass, Add	64.85	
08 53 13 00-0005	EA		28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	363.19	57.11
			For Colored Vinyl, Add	24.90	
			For Tinted Glass, Add	29.88	
			For Low-E Insulated Glass, Add	62.24	
			For Obscure Glass, Add	68.47	
08 53 13 00-0006	EA		30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	370.63	58.30
			For Colored Vinyl, Add	25.40	
			For Tinted Glass, Add	30.48	
			For Low-E Insulated Glass, Add	63.51	
			For Obscure Glass, Add	69.86	
08 53 13 00-0007	EA		32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	378.76	59.48
			For Colored Vinyl, Add	25.98	
			For Tinted Glass, Add	31.17	
			For Low-E Insulated Glass, Add	64.95	
			For Obscure Glass, Add	71.44	
08 53 13 00-0008	EA		36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	399.59	61.87
			For Colored Vinyl, Add	27.59	
			For Tinted Glass, Add	33.10	
			For Low-E Insulated Glass, Add	68.96	
			For Obscure Glass, Add	75.86	
08 53 13 00-0009	EA		44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	433.39	66.63
			For Colored Vinyl, Add	30.01	
			For Tinted Glass, Add	36.02	
			For Low-E Insulated Glass, Add	75.04	
			For Obscure Glass, Add	82.54	
08 53 13 00-0010			36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0011	EA		24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	352.29	55.92
			<i>For Colored Vinyl, Add</i>	24.05	
			<i>For Tinted Glass, Add</i>	28.85	
			<i>For Low-E Insulated Glass, Add</i>	60.11	
			<i>For Obscure Glass, Add</i>	66.12	
08 53 13 00-0012	EA		28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	370.19	57.11
			<i>For Colored Vinyl, Add</i>	25.36	
			<i>For Tinted Glass, Add</i>	30.43	
			<i>For Low-E Insulated Glass, Add</i>	63.40	
			<i>For Obscure Glass, Add</i>	69.74	
08 53 13 00-0013	EA		30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	377.65	59.48
			<i>For Colored Vinyl, Add</i>	25.87	
			<i>For Tinted Glass, Add</i>	31.04	
			<i>For Low-E Insulated Glass, Add</i>	64.67	
			<i>For Obscure Glass, Add</i>	71.13	
08 53 13 00-0014	EA		32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	385.76	60.68
			<i>For Colored Vinyl, Add</i>	26.44	
			<i>For Tinted Glass, Add</i>	31.73	
			<i>For Low-E Insulated Glass, Add</i>	66.10	
			<i>For Obscure Glass, Add</i>	72.71	
08 53 13 00-0015	EA		36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	406.60	63.06
			<i>For Colored Vinyl, Add</i>	28.05	
			<i>For Tinted Glass, Add</i>	33.66	
			<i>For Low-E Insulated Glass, Add</i>	70.12	
			<i>For Obscure Glass, Add</i>	77.13	
08 53 13 00-0016	EA		44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	440.41	67.82
			<i>For Colored Vinyl, Add</i>	30.48	
			<i>For Tinted Glass, Add</i>	36.57	
			<i>For Low-E Insulated Glass, Add</i>	76.19	
			<i>For Obscure Glass, Add</i>	83.81	
<b>08 53 13 00-0017</b>			<b>38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0018	EA		24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	359.08	57.11
			<i>For Colored Vinyl, Add</i>	24.49	
			<i>For Tinted Glass, Add</i>	29.38	
			<i>For Low-E Insulated Glass, Add</i>	61.22	
			<i>For Obscure Glass, Add</i>	67.34	
08 53 13 00-0019	EA		28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	376.98	59.48
			<i>For Colored Vinyl, Add</i>	25.80	
			<i>For Tinted Glass, Add</i>	30.96	
			<i>For Low-E Insulated Glass, Add</i>	64.50	
			<i>For Obscure Glass, Add</i>	70.95	
08 53 13 00-0020	EA		30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	384.72	60.68
			<i>For Colored Vinyl, Add</i>	26.34	
			<i>For Tinted Glass, Add</i>	31.60	
			<i>For Low-E Insulated Glass, Add</i>	65.84	
			<i>For Obscure Glass, Add</i>	72.43	
08 53 13 00-0021	EA		32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	392.85	61.87
			<i>For Colored Vinyl, Add</i>	26.91	
			<i>For Tinted Glass, Add</i>	32.29	
			<i>For Low-E Insulated Glass, Add</i>	67.28	
			<i>For Obscure Glass, Add</i>	74.01	
08 53 13 00-0022	EA		36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	414.02	64.25
			<i>For Colored Vinyl, Add</i>	28.55	
			<i>For Tinted Glass, Add</i>	34.26	
			<i>For Low-E Insulated Glass, Add</i>	71.38	
			<i>For Obscure Glass, Add</i>	78.52	
08 53 13 00-0023	EA		44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	448.26	69.01
			<i>For Colored Vinyl, Add</i>	31.03	
			<i>For Tinted Glass, Add</i>	37.23	
			<i>For Low-E Insulated Glass, Add</i>	77.56	
			<i>For Obscure Glass, Add</i>	85.32	
<b>08 53 13 00-0024</b>			<b>44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0025	EA		24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	379.84	60.68
			<i>For Colored Vinyl, Add</i>	25.85	
			<i>For Tinted Glass, Add</i>	31.02	
			<i>For Low-E Insulated Glass, Add</i>	64.62	
			<i>For Obscure Glass, Add</i>	71.08	
08 53 13 00-0026	EA		28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	397.75	63.06
			<i>For Colored Vinyl, Add</i>	27.16	
			<i>For Tinted Glass, Add</i>	32.60	
			<i>For Low-E Insulated Glass, Add</i>	67.91	
			<i>For Obscure Glass, Add</i>	74.70	
08 53 13 00-0027	EA		30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	406.46	64.25
			<i>For Colored Vinyl, Add</i>	27.80	
			<i>For Tinted Glass, Add</i>	33.36	
			<i>For Low-E Insulated Glass, Add</i>	69.49	
			<i>For Obscure Glass, Add</i>	76.44	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0028	EA		32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	414.58	65.43
			<i>For Colored Vinyl, Add</i>	28.37	
			<i>For Tinted Glass, Add</i>	34.04	
			<i>For Low-E Insulated Glass, Add</i>	70.93	
			<i>For Obscure Glass, Add</i>	78.02	
08 53 13 00-0029	EA		36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	436.71	67.82
			<i>For Colored Vinyl, Add</i>	30.11	
			<i>For Tinted Glass, Add</i>	36.13	
			<i>For Low-E Insulated Glass, Add</i>	75.27	
			<i>For Obscure Glass, Add</i>	82.79	
08 53 13 00-0030	EA		44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	472.17	72.58
			<i>For Colored Vinyl, Add</i>	32.70	
			<i>For Tinted Glass, Add</i>	39.24	
			<i>For Low-E Insulated Glass, Add</i>	81.76	
			<i>For Obscure Glass, Add</i>	89.93	
<b>08 53 13 00-0031</b>			<b>46" Height, New Construction, Single Hung Vinyl Windows (Silver Line</b>		
			<b>2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0032	EA		24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	386.85	61.87
			<i>For Colored Vinyl, Add</i>	26.31	
			<i>For Tinted Glass, Add</i>	31.57	
			<i>For Low-E Insulated Glass, Add</i>	65.78	
			<i>For Obscure Glass, Add</i>	72.36	
08 53 13 00-0033	EA		28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	404.76	64.25
			<i>For Colored Vinyl, Add</i>	27.63	
			<i>For Tinted Glass, Add</i>	33.15	
			<i>For Low-E Insulated Glass, Add</i>	69.07	
			<i>For Obscure Glass, Add</i>	75.97	
08 53 13 00-0034	EA		30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	413.77	65.43
			<i>For Colored Vinyl, Add</i>	28.29	
			<i>For Tinted Glass, Add</i>	33.95	
			<i>For Low-E Insulated Glass, Add</i>	70.72	
			<i>For Obscure Glass, Add</i>	77.79	
08 53 13 00-0035	EA		32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	421.88	66.63
			<i>For Colored Vinyl, Add</i>	28.86	
			<i>For Tinted Glass, Add</i>	34.64	
			<i>For Low-E Insulated Glass, Add</i>	72.16	
			<i>For Obscure Glass, Add</i>	79.37	
08 53 13 00-0036	EA		36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	444.30	69.01
			<i>For Colored Vinyl, Add</i>	30.63	
			<i>For Tinted Glass, Add</i>	36.75	
			<i>For Low-E Insulated Glass, Add</i>	76.57	
			<i>For Obscure Glass, Add</i>	84.23	
08 53 13 00-0037	EA		44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	480.22	73.77
			<i>For Colored Vinyl, Add</i>	33.27	
			<i>For Tinted Glass, Add</i>	39.92	
			<i>For Low-E Insulated Glass, Add</i>	83.17	
			<i>For Obscure Glass, Add</i>	91.49	
<b>08 53 13 00-0038</b>			<b>48" Height, New Construction, Single Hung Vinyl Windows (Silver Line</b>		
			<b>2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0039	EA		24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	393.94	63.06
			<i>For Colored Vinyl, Add</i>	26.78	
			<i>For Tinted Glass, Add</i>	32.14	
			<i>For Low-E Insulated Glass, Add</i>	66.96	
			<i>For Obscure Glass, Add</i>	73.65	
08 53 13 00-0040	EA		28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	411.84	65.43
			<i>For Colored Vinyl, Add</i>	28.10	
			<i>For Tinted Glass, Add</i>	33.72	
			<i>For Low-E Insulated Glass, Add</i>	70.24	
			<i>For Obscure Glass, Add</i>	77.26	
08 53 13 00-0041	EA		30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	421.14	66.63
			<i>For Colored Vinyl, Add</i>	28.79	
			<i>For Tinted Glass, Add</i>	34.55	
			<i>For Low-E Insulated Glass, Add</i>	71.97	
			<i>For Obscure Glass, Add</i>	79.17	
08 53 13 00-0042	EA		32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	429.26	67.82
			<i>For Colored Vinyl, Add</i>	29.36	
			<i>For Tinted Glass, Add</i>	35.23	
			<i>For Low-E Insulated Glass, Add</i>	73.41	
			<i>For Obscure Glass, Add</i>	80.75	
08 53 13 00-0043	EA		36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	452.02	70.19
			<i>For Colored Vinyl, Add</i>	31.16	
			<i>For Tinted Glass, Add</i>	37.39	
			<i>For Low-E Insulated Glass, Add</i>	77.91	
			<i>For Obscure Glass, Add</i>	85.70	
08 53 13 00-0044	EA		44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	488.34	74.95
			<i>For Colored Vinyl, Add</i>	33.84	
			<i>For Tinted Glass, Add</i>	40.61	
			<i>For Low-E Insulated Glass, Add</i>	84.61	
			<i>For Obscure Glass, Add</i>	93.07	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046 EA 24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	400.72	64.25
For Colored Vinyl, Add	27.22	
For Tinted Glass, Add	32.67	
For Low-E Insulated Glass, Add	68.06	
For Obscure Glass, Add	74.86	
08 53 13 00-0047 EA 28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	418.62	66.63
For Colored Vinyl, Add	28.54	
For Tinted Glass, Add	34.24	
For Low-E Insulated Glass, Add	71.34	
For Obscure Glass, Add	78.48	
08 53 13 00-0048 EA 30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	428.27	67.82
For Colored Vinyl, Add	29.26	
For Tinted Glass, Add	35.12	
For Low-E Insulated Glass, Add	73.16	
For Obscure Glass, Add	80.47	
08 53 13 00-0049 EA 32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	436.37	69.01
For Colored Vinyl, Add	29.84	
For Tinted Glass, Add	35.80	
For Low-E Insulated Glass, Add	74.59	
For Obscure Glass, Add	82.05	
08 53 13 00-0050 EA 36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	459.43	71.38
For Colored Vinyl, Add	31.67	
For Tinted Glass, Add	38.00	
For Low-E Insulated Glass, Add	79.17	
For Obscure Glass, Add	87.08	
08 53 13 00-0051 EA 44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	496.16	76.14
For Colored Vinyl, Add	34.39	
For Tinted Glass, Add	41.26	
For Low-E Insulated Glass, Add	85.97	
For Obscure Glass, Add	94.56	
<b>08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0053 EA 24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	407.55	65.43
For Colored Vinyl, Add	27.67	
For Tinted Glass, Add	33.20	
For Low-E Insulated Glass, Add	69.17	
For Obscure Glass, Add	76.08	
08 53 13 00-0054 EA 28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	425.45	67.82
For Colored Vinyl, Add	28.98	
For Tinted Glass, Add	34.78	
For Low-E Insulated Glass, Add	72.45	
For Obscure Glass, Add	79.70	
08 53 13 00-0055 EA 30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	435.41	69.01
For Colored Vinyl, Add	29.74	
For Tinted Glass, Add	35.69	
For Low-E Insulated Glass, Add	74.35	
For Obscure Glass, Add	81.79	
08 53 13 00-0056 EA 32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	443.54	70.19
For Colored Vinyl, Add	30.31	
For Tinted Glass, Add	36.38	
For Low-E Insulated Glass, Add	75.79	
For Obscure Glass, Add	83.36	
08 53 13 00-0057 EA 36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	466.92	72.58
For Colored Vinyl, Add	32.18	
For Tinted Glass, Add	38.61	
For Low-E Insulated Glass, Add	80.44	
For Obscure Glass, Add	88.49	
08 53 13 00-0058 EA 44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	504.06	77.34
For Colored Vinyl, Add	34.94	
For Tinted Glass, Add	41.93	
For Low-E Insulated Glass, Add	87.35	
For Obscure Glass, Add	96.08	
<b>08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0060 EA 24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	414.36	66.63
For Colored Vinyl, Add	28.11	
For Tinted Glass, Add	33.73	
For Low-E Insulated Glass, Add	70.28	
For Obscure Glass, Add	77.31	
08 53 13 00-0061 EA 28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	432.26	69.01
For Colored Vinyl, Add	29.43	
For Tinted Glass, Add	35.31	
For Low-E Insulated Glass, Add	73.56	
For Obscure Glass, Add	80.92	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0062	EA		30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	442.54	70.19
			<i>For Colored Vinyl, Add</i>	30.21	
			<i>For Tinted Glass, Add</i>	36.26	
			<i>For Low-E Insulated Glass, Add</i>	75.54	
			<i>For Obscure Glass, Add</i>	83.09	
08 53 13 00-0063	EA		32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	450.65	71.38
			<i>For Colored Vinyl, Add</i>	30.79	
			<i>For Tinted Glass, Add</i>	36.95	
			<i>For Low-E Insulated Glass, Add</i>	76.97	
			<i>For Obscure Glass, Add</i>	84.67	
08 53 13 00-0064	EA		36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	474.33	73.77
			<i>For Colored Vinyl, Add</i>	32.68	
			<i>For Tinted Glass, Add</i>	39.22	
			<i>For Low-E Insulated Glass, Add</i>	81.70	
			<i>For Obscure Glass, Add</i>	89.87	
08 53 13 00-0065	EA		44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	511.88	78.53
			<i>For Colored Vinyl, Add</i>	35.48	
			<i>For Tinted Glass, Add</i>	42.58	
			<i>For Low-E Insulated Glass, Add</i>	88.71	
			<i>For Obscure Glass, Add</i>	97.58	
<b>08 53 13 00-0066</b>			<b>60" Height, New Construction, Single Hung Vinyl Windows (Silver Line</b>		
			<b>2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067	EA		24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	435.39	70.19
			<i>For Colored Vinyl, Add</i>	29.50	
			<i>For Tinted Glass, Add</i>	35.40	
			<i>For Low-E Insulated Glass, Add</i>	73.75	
			<i>For Obscure Glass, Add</i>	81.12	
08 53 13 00-0068	EA		28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	453.29	72.58
			<i>For Colored Vinyl, Add</i>	30.81	
			<i>For Tinted Glass, Add</i>	36.98	
			<i>For Low-E Insulated Glass, Add</i>	77.04	
			<i>For Obscure Glass, Add</i>	84.74	
08 53 13 00-0069	EA		30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	464.44	73.77
			<i>For Colored Vinyl, Add</i>	31.69	
			<i>For Tinted Glass, Add</i>	38.03	
			<i>For Low-E Insulated Glass, Add</i>	79.23	
			<i>For Obscure Glass, Add</i>	87.15	
08 53 13 00-0070	EA		32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	472.56	74.95
			<i>For Colored Vinyl, Add</i>	32.27	
			<i>For Tinted Glass, Add</i>	38.72	
			<i>For Low-E Insulated Glass, Add</i>	80.66	
			<i>For Obscure Glass, Add</i>	88.73	
08 53 13 00-0071	EA		36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	497.21	77.34
			<i>For Colored Vinyl, Add</i>	34.25	
			<i>For Tinted Glass, Add</i>	41.10	
			<i>For Low-E Insulated Glass, Add</i>	85.64	
			<i>For Obscure Glass, Add</i>	94.20	
08 53 13 00-0072	EA		44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	536.02	82.09
			<i>For Colored Vinyl, Add</i>	37.18	
			<i>For Tinted Glass, Add</i>	44.62	
			<i>For Low-E Insulated Glass, Add</i>	92.96	
			<i>For Obscure Glass, Add</i>	102.25	
<b>08 53 13 00-0073</b>			<b>62" Height, New Construction, Single Hung Vinyl Windows (Silver Line</b>		
			<b>2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074	EA		24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	442.21	71.38
			<i>For Colored Vinyl, Add</i>	29.94	
			<i>For Tinted Glass, Add</i>	35.93	
			<i>For Low-E Insulated Glass, Add</i>	74.86	
			<i>For Obscure Glass, Add</i>	82.35	
08 53 13 00-0075	EA		28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	460.11	73.77
			<i>For Colored Vinyl, Add</i>	31.26	
			<i>For Tinted Glass, Add</i>	37.51	
			<i>For Low-E Insulated Glass, Add</i>	78.15	
			<i>For Obscure Glass, Add</i>	85.96	
08 53 13 00-0076	EA		30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	471.64	74.95
			<i>For Colored Vinyl, Add</i>	32.17	
			<i>For Tinted Glass, Add</i>	38.61	
			<i>For Low-E Insulated Glass, Add</i>	80.43	
			<i>For Obscure Glass, Add</i>	88.48	
08 53 13 00-0077	EA		32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	479.76	76.14
			<i>For Colored Vinyl, Add</i>	32.75	
			<i>For Tinted Glass, Add</i>	39.30	
			<i>For Low-E Insulated Glass, Add</i>	81.87	
			<i>For Obscure Glass, Add</i>	90.05	
08 53 13 00-0078	EA		36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	504.70	78.53
			<i>For Colored Vinyl, Add</i>	34.77	
			<i>For Tinted Glass, Add</i>	41.72	
			<i>For Low-E Insulated Glass, Add</i>	86.91	
			<i>For Obscure Glass, Add</i>	95.60	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0079	EA		44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	543.95	83.29
			For Colored Vinyl, Add	37.74	
			For Tinted Glass, Add	45.29	
			For Low-E Insulated Glass, Add	94.35	
			For Obscure Glass, Add	103.78	
<b>08 53 13 00-0080</b>			<b>66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081	EA		24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	456.08	73.77
			For Colored Vinyl, Add	30.86	
			For Tinted Glass, Add	37.03	
			For Low-E Insulated Glass, Add	77.14	
			For Obscure Glass, Add	84.85	
08 53 13 00-0082	EA		28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	473.98	76.14
			For Colored Vinyl, Add	32.17	
			For Tinted Glass, Add	38.60	
			For Low-E Insulated Glass, Add	80.42	
			For Obscure Glass, Add	88.46	
08 53 13 00-0083	EA		30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	486.10	77.34
			For Colored Vinyl, Add	33.14	
			For Tinted Glass, Add	39.77	
			For Low-E Insulated Glass, Add	82.86	
			For Obscure Glass, Add	91.14	
08 53 13 00-0084	EA		32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	494.22	78.53
			For Colored Vinyl, Add	33.72	
			For Tinted Glass, Add	40.46	
			For Low-E Insulated Glass, Add	84.29	
			For Obscure Glass, Add	92.72	
08 53 13 00-0085	EA		36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	519.83	80.90
			For Colored Vinyl, Add	35.80	
			For Tinted Glass, Add	42.96	
			For Low-E Insulated Glass, Add	89.51	
			For Obscure Glass, Add	98.46	
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	559.86	85.66
			For Colored Vinyl, Add	38.85	
			For Tinted Glass, Add	46.62	
			For Low-E Insulated Glass, Add	97.13	
			For Obscure Glass, Add	106.85	
<b>08 53 13 00-0087</b>			<b>72" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200)</b> <small>(08 53 13 00-0002)</small>		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	477.10	77.34
			For Colored Vinyl, Add	32.24	
			For Tinted Glass, Add	38.69	
			For Low-E Insulated Glass, Add	80.61	
			For Obscure Glass, Add	88.67	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	495.01	79.72
			For Colored Vinyl, Add	33.56	
			For Tinted Glass, Add	40.27	
			For Low-E Insulated Glass, Add	83.90	
			For Obscure Glass, Add	92.28	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	507.12	80.90
			For Colored Vinyl, Add	34.53	
			For Tinted Glass, Add	41.44	
			For Low-E Insulated Glass, Add	86.33	
			For Obscure Glass, Add	94.96	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	515.24	82.09
			For Colored Vinyl, Add	35.11	
			For Tinted Glass, Add	42.13	
			For Low-E Insulated Glass, Add	87.76	
			For Obscure Glass, Add	96.54	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	540.85	84.48
			For Colored Vinyl, Add	37.19	
			For Tinted Glass, Add	44.63	
			For Low-E Insulated Glass, Add	92.98	
			For Obscure Glass, Add	102.27	
08 53 13 00-0093	EA		44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200) .....	580.87	89.24
			For Colored Vinyl, Add	40.24	
			For Tinted Glass, Add	48.29	
			For Low-E Insulated Glass, Add	100.60	
			For Obscure Glass, Add	110.66	
<b>08 53 13 00-0094</b>			<b>Replacement, Single Hung Vinyl Windows (Silver Line 2000)</b> <small>(08 53 13 00-0001)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA		Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) .....	503.35	62.46
			For Colored Vinyl, Add	37.84	
			For Tinted Glass, Add	45.41	
			For Low-E Insulated Glass, Add	94.61	
			For Obscure Glass, Add	104.07	



**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) .....	551.71	68.41
			<i>For Colored Vinyl, Add</i>	41.49	
			<i>For Tinted Glass, Add</i>	49.79	
			<i>For Low-E Insulated Glass, Add</i>	103.72	
			<i>For Obscure Glass, Add</i>	114.09	
08 53 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) .....	596.38	74.36
			<i>For Colored Vinyl, Add</i>	44.77	
			<i>For Tinted Glass, Add</i>	53.72	
			<i>For Low-E Insulated Glass, Add</i>	111.92	
			<i>For Obscure Glass, Add</i>	123.11	
08 53 13 00-0098	EA		>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000) .....	628.09	80.31
			<i>For Colored Vinyl, Add</i>	46.75	
			<i>For Tinted Glass, Add</i>	56.10	
			<i>For Low-E Insulated Glass, Add</i>	116.87	
			<i>For Obscure Glass, Add</i>	128.55	
08 53 13 00-0099	EA		>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	661.27	86.26
			<i>For Colored Vinyl, Add</i>	48.88	
			<i>For Tinted Glass, Add</i>	58.65	
			<i>For Low-E Insulated Glass, Add</i>	122.19	
			<i>For Obscure Glass, Add</i>	134.41	
08 53 13 00-0100	EA		>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	717.60	92.21
			<i>For Colored Vinyl, Add</i>	53.32	
			<i>For Tinted Glass, Add</i>	63.98	
			<i>For Low-E Insulated Glass, Add</i>	133.30	
			<i>For Obscure Glass, Add</i>	146.63	
08 53 13 00-0101	UI		>120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	5.99	0.77
			<i>For Colored Vinyl, Add</i>	0.44	
			<i>For Tinted Glass, Add</i>	0.53	
			<i>For Low-E Insulated Glass, Add</i>	1.11	
			<i>For Obscure Glass, Add</i>	1.22	
08 53 13 00-0102			<b>Double Hung Vinyl Windows</b> <small>(08 53 13)</small>		
08 53 13 00-0103			<b>New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0102)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104			<b>34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0105	EA		24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	487.73	54.73
			<i>For Colored Vinyl, Add</i>	37.83	
			<i>For Tinted Glass, Add</i>	45.39	
			<i>For Low-E Insulated Glass, Add</i>	94.57	
			<i>For Obscure Glass, Add</i>	104.02	
08 53 13 00-0106	EA		28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	505.63	57.11
			<i>For Colored Vinyl, Add</i>	39.14	
			<i>For Tinted Glass, Add</i>	46.97	
			<i>For Low-E Insulated Glass, Add</i>	97.85	
			<i>For Obscure Glass, Add</i>	107.64	
08 53 13 00-0107	EA		30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	514.30	58.30
			<i>For Colored Vinyl, Add</i>	39.77	
			<i>For Tinted Glass, Add</i>	47.73	
			<i>For Low-E Insulated Glass, Add</i>	99.43	
			<i>For Obscure Glass, Add</i>	109.37	
08 53 13 00-0108	EA		32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	522.43	59.48
			<i>For Colored Vinyl, Add</i>	40.35	
			<i>For Tinted Glass, Add</i>	48.41	
			<i>For Low-E Insulated Glass, Add</i>	100.86	
			<i>For Obscure Glass, Add</i>	110.95	
08 53 13 00-0109	EA		36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	542.04	61.87
			<i>For Colored Vinyl, Add</i>	41.83	
			<i>For Tinted Glass, Add</i>	50.20	
			<i>For Low-E Insulated Glass, Add</i>	104.58	
			<i>For Obscure Glass, Add</i>	115.03	
08 53 13 00-0110	EA		44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	574.24	66.63
			<i>For Colored Vinyl, Add</i>	44.10	
			<i>For Tinted Glass, Add</i>	52.92	
			<i>For Low-E Insulated Glass, Add</i>	110.25	
			<i>For Obscure Glass, Add</i>	121.27	
08 53 13 00-0111			<b>36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0112	EA		24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	494.74	55.92
			<i>For Colored Vinyl, Add</i>	38.29	
			<i>For Tinted Glass, Add</i>	45.95	
			<i>For Low-E Insulated Glass, Add</i>	95.73	
			<i>For Obscure Glass, Add</i>	105.30	
08 53 13 00-0113	EA		28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	512.63	58.30
			<i>For Colored Vinyl, Add</i>	39.60	
			<i>For Tinted Glass, Add</i>	47.52	
			<i>For Low-E Insulated Glass, Add</i>	99.01	
			<i>For Obscure Glass, Add</i>	108.91	



	<b>Openings</b>	<b>08</b>
	<b>Windows</b>	<b>08 50</b>
	<b>Plastic Windows</b>	<b>08 53</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0114	EA		30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	521.32	59.48
			<i>For Colored Vinyl, Add</i>	40.23	
			<i>For Tinted Glass, Add</i>	48.28	
			<i>For Low-E Insulated Glass, Add</i>	100.59	
			<i>For Obscure Glass, Add</i>	110.64	
08 53 13 00-0115	EA		32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	529.43	60.68
			<i>For Colored Vinyl, Add</i>	40.81	
			<i>For Tinted Glass, Add</i>	48.97	
			<i>For Low-E Insulated Glass, Add</i>	102.02	
			<i>For Obscure Glass, Add</i>	112.22	
08 53 13 00-0116	EA		36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	549.04	63.06
			<i>For Colored Vinyl, Add</i>	42.29	
			<i>For Tinted Glass, Add</i>	50.75	
			<i>For Low-E Insulated Glass, Add</i>	105.73	
			<i>For Obscure Glass, Add</i>	116.30	
08 53 13 00-0117	EA		44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	581.26	67.82
			<i>For Colored Vinyl, Add</i>	44.56	
			<i>For Tinted Glass, Add</i>	53.47	
			<i>For Low-E Insulated Glass, Add</i>	111.41	
			<i>For Obscure Glass, Add</i>	122.55	
<b>08 53 13 00-0118</b>			<b>38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0119	EA		24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	501.08	57.11
			<i>For Colored Vinyl, Add</i>	38.69	
			<i>For Tinted Glass, Add</i>	46.42	
			<i>For Low-E Insulated Glass, Add</i>	96.72	
			<i>For Obscure Glass, Add</i>	106.39	
08 53 13 00-0120	EA		28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	518.98	59.48
			<i>For Colored Vinyl, Add</i>	40.00	
			<i>For Tinted Glass, Add</i>	48.00	
			<i>For Low-E Insulated Glass, Add</i>	100.00	
			<i>For Obscure Glass, Add</i>	110.00	
08 53 13 00-0121	EA		30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	527.91	60.68
			<i>For Colored Vinyl, Add</i>	40.66	
			<i>For Tinted Glass, Add</i>	48.79	
			<i>For Low-E Insulated Glass, Add</i>	101.64	
			<i>For Obscure Glass, Add</i>	111.80	
08 53 13 00-0122	EA		32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	536.04	61.87
			<i>For Colored Vinyl, Add</i>	41.23	
			<i>For Tinted Glass, Add</i>	49.48	
			<i>For Low-E Insulated Glass, Add</i>	103.08	
			<i>For Obscure Glass, Add</i>	113.38	
08 53 13 00-0123	EA		36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	556.01	64.25
			<i>For Colored Vinyl, Add</i>	42.75	
			<i>For Tinted Glass, Add</i>	51.30	
			<i>For Low-E Insulated Glass, Add</i>	106.88	
			<i>For Obscure Glass, Add</i>	117.57	
08 53 13 00-0124	EA		44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	588.59	69.01
			<i>For Colored Vinyl, Add</i>	45.06	
			<i>For Tinted Glass, Add</i>	54.07	
			<i>For Low-E Insulated Glass, Add</i>	112.65	
			<i>For Obscure Glass, Add</i>	123.91	
<b>08 53 13 00-0125</b>			<b>44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0126	EA		24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	522.61	60.68
			<i>For Colored Vinyl, Add</i>	40.13	
			<i>For Tinted Glass, Add</i>	48.15	
			<i>For Low-E Insulated Glass, Add</i>	100.32	
			<i>For Obscure Glass, Add</i>	110.35	
08 53 13 00-0127	EA		28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	540.53	63.06
			<i>For Colored Vinyl, Add</i>	41.44	
			<i>For Tinted Glass, Add</i>	49.73	
			<i>For Low-E Insulated Glass, Add</i>	103.60	
			<i>For Obscure Glass, Add</i>	113.96	
08 53 13 00-0128	EA		30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	547.94	64.25
			<i>For Colored Vinyl, Add</i>	41.94	
			<i>For Tinted Glass, Add</i>	50.33	
			<i>For Low-E Insulated Glass, Add</i>	104.86	
			<i>For Obscure Glass, Add</i>	115.35	
08 53 13 00-0129	EA		32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	556.06	65.43
			<i>For Colored Vinyl, Add</i>	42.52	
			<i>For Tinted Glass, Add</i>	51.02	
			<i>For Low-E Insulated Glass, Add</i>	106.30	
			<i>For Obscure Glass, Add</i>	116.92	
08 53 13 00-0130	EA		36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	576.85	67.82
			<i>For Colored Vinyl, Add</i>	44.12	
			<i>For Tinted Glass, Add</i>	52.95	
			<i>For Low-E Insulated Glass, Add</i>	110.30	
			<i>For Obscure Glass, Add</i>	121.33	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0131	EA		44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	611.28	72.58
			<i>For Colored Vinyl, Add</i>	46.61	
			<i>For Tinted Glass, Add</i>	55.94	
			<i>For Low-E Insulated Glass, Add</i>	116.53	
			<i>For Obscure Glass, Add</i>	128.19	
<b>08 53 13 00-0132</b>			<b>46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0133	EA		24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	528.93	61.87
			<i>For Colored Vinyl, Add</i>	40.52	
			<i>For Tinted Glass, Add</i>	48.62	
			<i>For Low-E Insulated Glass, Add</i>	101.30	
			<i>For Obscure Glass, Add</i>	111.43	
08 53 13 00-0134	EA		28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	546.83	64.25
			<i>For Colored Vinyl, Add</i>	41.83	
			<i>For Tinted Glass, Add</i>	50.20	
			<i>For Low-E Insulated Glass, Add</i>	104.58	
			<i>For Obscure Glass, Add</i>	115.04	
08 53 13 00-0135	EA		30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	554.66	65.43
			<i>For Colored Vinyl, Add</i>	42.38	
			<i>For Tinted Glass, Add</i>	50.85	
			<i>For Low-E Insulated Glass, Add</i>	105.95	
			<i>For Obscure Glass, Add</i>	116.54	
08 53 13 00-0136	EA		32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	562.76	66.63
			<i>For Colored Vinyl, Add</i>	42.95	
			<i>For Tinted Glass, Add</i>	51.54	
			<i>For Low-E Insulated Glass, Add</i>	107.38	
			<i>For Obscure Glass, Add</i>	118.12	
08 53 13 00-0137	EA		36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	583.82	69.01
			<i>For Colored Vinyl, Add</i>	44.58	
			<i>For Tinted Glass, Add</i>	53.50	
			<i>For Low-E Insulated Glass, Add</i>	111.45	
			<i>For Obscure Glass, Add</i>	122.60	
08 53 13 00-0138	EA		44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	619.37	73.77
			<i>For Colored Vinyl, Add</i>	47.18	
			<i>For Tinted Glass, Add</i>	56.62	
			<i>For Low-E Insulated Glass, Add</i>	117.96	
			<i>For Obscure Glass, Add</i>	129.76	
<b>08 53 13 00-0139</b>			<b>48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0140	EA		24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	535.31	63.06
			<i>For Colored Vinyl, Add</i>	40.92	
			<i>For Tinted Glass, Add</i>	49.10	
			<i>For Low-E Insulated Glass, Add</i>	102.30	
			<i>For Obscure Glass, Add</i>	112.53	
08 53 13 00-0141	EA		28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	553.21	65.43
			<i>For Colored Vinyl, Add</i>	42.23	
			<i>For Tinted Glass, Add</i>	50.68	
			<i>For Low-E Insulated Glass, Add</i>	105.58	
			<i>For Obscure Glass, Add</i>	116.14	
08 53 13 00-0142	EA		30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	561.25	66.63
			<i>For Colored Vinyl, Add</i>	42.80	
			<i>For Tinted Glass, Add</i>	51.36	
			<i>For Low-E Insulated Glass, Add</i>	107.00	
			<i>For Obscure Glass, Add</i>	117.70	
08 53 13 00-0143	EA		32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	569.38	67.82
			<i>For Colored Vinyl, Add</i>	43.37	
			<i>For Tinted Glass, Add</i>	52.05	
			<i>For Low-E Insulated Glass, Add</i>	108.44	
			<i>For Obscure Glass, Add</i>	119.28	
08 53 13 00-0144	EA		36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	590.80	70.19
			<i>For Colored Vinyl, Add</i>	45.04	
			<i>For Tinted Glass, Add</i>	54.05	
			<i>For Low-E Insulated Glass, Add</i>	112.60	
			<i>For Obscure Glass, Add</i>	123.86	
08 53 13 00-0145	EA		44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	627.30	74.95
			<i>For Colored Vinyl, Add</i>	47.74	
			<i>For Tinted Glass, Add</i>	57.29	
			<i>For Low-E Insulated Glass, Add</i>	119.35	
			<i>For Obscure Glass, Add</i>	131.28	
<b>08 53 13 00-0146</b>			<b>50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0147	EA		24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	541.61	64.25
			<i>For Colored Vinyl, Add</i>	41.31	
			<i>For Tinted Glass, Add</i>	49.57	
			<i>For Low-E Insulated Glass, Add</i>	103.28	
			<i>For Obscure Glass, Add</i>	113.61	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0148	EA		28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	559.51	66.63
			<i>For Colored Vinyl, Add</i>	42.63	
			<i>For Tinted Glass, Add</i>	51.15	
			<i>For Low-E Insulated Glass, Add</i>	106.57	
			<i>For Obscure Glass, Add</i>	117.22	
08 53 13 00-0149	EA		30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	567.93	67.82
			<i>For Colored Vinyl, Add</i>	43.23	
			<i>For Tinted Glass, Add</i>	51.87	
			<i>For Low-E Insulated Glass, Add</i>	108.07	
			<i>For Obscure Glass, Add</i>	118.88	
08 53 13 00-0150	EA		32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	576.04	69.01
			<i>For Colored Vinyl, Add</i>	43.80	
			<i>For Tinted Glass, Add</i>	52.56	
			<i>For Low-E Insulated Glass, Add</i>	109.51	
			<i>For Obscure Glass, Add</i>	120.46	
08 53 13 00-0151	EA		36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	597.76	71.38
			<i>For Colored Vinyl, Add</i>	45.50	
			<i>For Tinted Glass, Add</i>	54.60	
			<i>For Low-E Insulated Glass, Add</i>	113.75	
			<i>For Obscure Glass, Add</i>	125.12	
08 53 13 00-0152	EA		44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	635.35	76.14
			<i>For Colored Vinyl, Add</i>	48.31	
			<i>For Tinted Glass, Add</i>	57.97	
			<i>For Low-E Insulated Glass, Add</i>	120.77	
			<i>For Obscure Glass, Add</i>	132.84	
<b>08 53 13 00-0153</b>			<b>52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0154	EA		24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	547.95	65.43
			<i>For Colored Vinyl, Add</i>	41.71	
			<i>For Tinted Glass, Add</i>	50.05	
			<i>For Low-E Insulated Glass, Add</i>	104.27	
			<i>For Obscure Glass, Add</i>	114.69	
08 53 13 00-0155	EA		28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	565.86	67.82
			<i>For Colored Vinyl, Add</i>	43.02	
			<i>For Tinted Glass, Add</i>	51.63	
			<i>For Low-E Insulated Glass, Add</i>	107.56	
			<i>For Obscure Glass, Add</i>	118.31	
08 53 13 00-0156	EA		30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	574.52	69.01
			<i>For Colored Vinyl, Add</i>	43.65	
			<i>For Tinted Glass, Add</i>	52.38	
			<i>For Low-E Insulated Glass, Add</i>	109.13	
			<i>For Obscure Glass, Add</i>	120.04	
08 53 13 00-0157	EA		32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	582.65	70.19
			<i>For Colored Vinyl, Add</i>	44.23	
			<i>For Tinted Glass, Add</i>	53.07	
			<i>For Low-E Insulated Glass, Add</i>	110.56	
			<i>For Obscure Glass, Add</i>	121.62	
08 53 13 00-0158	EA		36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	605.36	72.58
			<i>For Colored Vinyl, Add</i>	46.02	
			<i>For Tinted Glass, Add</i>	55.23	
			<i>For Low-E Insulated Glass, Add</i>	115.05	
			<i>For Obscure Glass, Add</i>	126.56	
08 53 13 00-0159	EA		44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	643.24	77.34
			<i>For Colored Vinyl, Add</i>	48.86	
			<i>For Tinted Glass, Add</i>	58.63	
			<i>For Low-E Insulated Glass, Add</i>	122.14	
			<i>For Obscure Glass, Add</i>	134.36	
<b>08 53 13 00-0160</b>			<b>54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0161	EA		24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	554.32	66.63
			<i>For Colored Vinyl, Add</i>	42.11	
			<i>For Tinted Glass, Add</i>	50.53	
			<i>For Low-E Insulated Glass, Add</i>	105.27	
			<i>For Obscure Glass, Add</i>	115.79	
08 53 13 00-0162	EA		28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	572.23	69.01
			<i>For Colored Vinyl, Add</i>	43.42	
			<i>For Tinted Glass, Add</i>	52.11	
			<i>For Low-E Insulated Glass, Add</i>	108.56	
			<i>For Obscure Glass, Add</i>	119.41	
08 53 13 00-0163	EA		30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	581.24	70.19
			<i>For Colored Vinyl, Add</i>	44.08	
			<i>For Tinted Glass, Add</i>	52.90	
			<i>For Low-E Insulated Glass, Add</i>	110.21	
			<i>For Obscure Glass, Add</i>	121.23	
08 53 13 00-0164	EA		32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	589.35	71.38
			<i>For Colored Vinyl, Add</i>	44.66	
			<i>For Tinted Glass, Add</i>	53.59	
			<i>For Low-E Insulated Glass, Add</i>	111.65	
			<i>For Obscure Glass, Add</i>	122.81	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 53</b>	<b>Plastic Windows</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0165	EA 36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	612.96	73.77
	<i>For Colored Vinyl, Add</i>	46.54	
	<i>For Tinted Glass, Add</i>	55.85	
	<i>For Low-E Insulated Glass, Add</i>	116.36	
	<i>For Obscure Glass, Add</i>	127.99	
08 53 13 00-0166	EA 44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	651.18	78.53
	<i>For Colored Vinyl, Add</i>	49.41	
	<i>For Tinted Glass, Add</i>	59.30	
	<i>For Low-E Insulated Glass, Add</i>	123.53	
	<i>For Obscure Glass, Add</i>	135.89	
<b>08 53 13 00-0167</b>	<b>60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0168	EA 24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	573.43	70.19
	<i>For Colored Vinyl, Add</i>	43.30	
	<i>For Tinted Glass, Add</i>	51.96	
	<i>For Low-E Insulated Glass, Add</i>	108.26	
	<i>For Obscure Glass, Add</i>	119.08	
08 53 13 00-0169	EA 28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	591.33	72.58
	<i>For Colored Vinyl, Add</i>	44.62	
	<i>For Tinted Glass, Add</i>	53.54	
	<i>For Low-E Insulated Glass, Add</i>	111.55	
	<i>For Obscure Glass, Add</i>	122.70	
08 53 13 00-0170	EA 30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	602.52	73.77
	<i>For Colored Vinyl, Add</i>	45.50	
	<i>For Tinted Glass, Add</i>	54.60	
	<i>For Low-E Insulated Glass, Add</i>	113.75	
	<i>For Obscure Glass, Add</i>	125.12	
08 53 13 00-0171	EA 32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	610.64	74.95
	<i>For Colored Vinyl, Add</i>	46.07	
	<i>For Tinted Glass, Add</i>	55.29	
	<i>For Low-E Insulated Glass, Add</i>	115.18	
	<i>For Obscure Glass, Add</i>	126.70	
08 53 13 00-0172	EA 36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	635.65	77.34
	<i>For Colored Vinyl, Add</i>	48.10	
	<i>For Tinted Glass, Add</i>	57.72	
	<i>For Low-E Insulated Glass, Add</i>	120.25	
	<i>For Obscure Glass, Add</i>	132.27	
08 53 13 00-0173	EA 44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	675.05	82.09
	<i>For Colored Vinyl, Add</i>	51.09	
	<i>For Tinted Glass, Add</i>	61.30	
	<i>For Low-E Insulated Glass, Add</i>	127.72	
	<i>For Obscure Glass, Add</i>	140.49	
<b>08 53 13 00-0174</b>	<b>62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0175	EA 24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	579.76	71.38
	<i>For Colored Vinyl, Add</i>	43.70	
	<i>For Tinted Glass, Add</i>	52.44	
	<i>For Low-E Insulated Glass, Add</i>	109.25	
	<i>For Obscure Glass, Add</i>	120.17	
08 53 13 00-0176	EA 28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	597.67	73.77
	<i>For Colored Vinyl, Add</i>	45.01	
	<i>For Tinted Glass, Add</i>	54.02	
	<i>For Low-E Insulated Glass, Add</i>	112.54	
	<i>For Obscure Glass, Add</i>	123.79	
08 53 13 00-0177	EA 30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	609.75	74.95
	<i>For Colored Vinyl, Add</i>	45.98	
	<i>For Tinted Glass, Add</i>	55.18	
	<i>For Low-E Insulated Glass, Add</i>	114.96	
	<i>For Obscure Glass, Add</i>	126.46	
08 53 13 00-0178	EA 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	617.87	76.14
	<i>For Colored Vinyl, Add</i>	46.56	
	<i>For Tinted Glass, Add</i>	55.87	
	<i>For Low-E Insulated Glass, Add</i>	116.40	
	<i>For Obscure Glass, Add</i>	128.03	
08 53 13 00-0179	EA 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	643.18	78.53
	<i>For Colored Vinyl, Add</i>	48.61	
	<i>For Tinted Glass, Add</i>	58.34	
	<i>For Low-E Insulated Glass, Add</i>	121.53	
	<i>For Obscure Glass, Add</i>	133.69	
08 53 13 00-0180	EA 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	683.73	83.29
	<i>For Colored Vinyl, Add</i>	51.72	
	<i>For Tinted Glass, Add</i>	62.06	
	<i>For Low-E Insulated Glass, Add</i>	129.29	
	<i>For Obscure Glass, Add</i>	142.22	
<b>08 53 13 00-0181</b>	<b>66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0182	EA		24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	593.78	73.77
			<i>For Colored Vinyl, Add</i>	44.63	
			<i>For Tinted Glass, Add</i>	53.55	
			<i>For Low-E Insulated Glass, Add</i>	111.56	
			<i>For Obscure Glass, Add</i>	122.72	
08 53 13 00-0183	EA		28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	611.69	76.14
			<i>For Colored Vinyl, Add</i>	45.94	
			<i>For Tinted Glass, Add</i>	55.13	
			<i>For Low-E Insulated Glass, Add</i>	114.85	
			<i>For Obscure Glass, Add</i>	126.34	
08 53 13 00-0184	EA		30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	624.25	77.34
			<i>For Colored Vinyl, Add</i>	46.96	
			<i>For Tinted Glass, Add</i>	56.35	
			<i>For Low-E Insulated Glass, Add</i>	117.40	
			<i>For Obscure Glass, Add</i>	129.13	
08 53 13 00-0185	EA		32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	632.37	78.53
			<i>For Colored Vinyl, Add</i>	47.53	
			<i>For Tinted Glass, Add</i>	57.04	
			<i>For Low-E Insulated Glass, Add</i>	118.83	
			<i>For Obscure Glass, Add</i>	130.71	
08 53 13 00-0186	EA		36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	658.38	80.90
			<i>For Colored Vinyl, Add</i>	49.66	
			<i>For Tinted Glass, Add</i>	59.59	
			<i>For Low-E Insulated Glass, Add</i>	124.14	
			<i>For Obscure Glass, Add</i>	136.56	
08 53 13 00-0187	EA		44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	700.48	85.66
			<i>For Colored Vinyl, Add</i>	52.92	
			<i>For Tinted Glass, Add</i>	63.50	
			<i>For Low-E Insulated Glass, Add</i>	132.29	
			<i>For Obscure Glass, Add</i>	145.52	
<b>08 53 13 00-0188</b>			<b>72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)</b> <small>(08 53 13 00-0103)</small>		
08 53 13 00-0189	EA		24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	614.81	77.34
			<i>For Colored Vinyl, Add</i>	46.01	
			<i>For Tinted Glass, Add</i>	55.22	
			<i>For Low-E Insulated Glass, Add</i>	115.04	
			<i>For Obscure Glass, Add</i>	126.54	
08 53 13 00-0190	EA		28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	632.71	79.72
			<i>For Colored Vinyl, Add</i>	47.33	
			<i>For Tinted Glass, Add</i>	56.79	
			<i>For Low-E Insulated Glass, Add</i>	118.32	
			<i>For Obscure Glass, Add</i>	130.15	
08 53 13 00-0191	EA		30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	645.27	80.90
			<i>For Colored Vinyl, Add</i>	48.35	
			<i>For Tinted Glass, Add</i>	58.02	
			<i>For Low-E Insulated Glass, Add</i>	120.87	
			<i>For Obscure Glass, Add</i>	132.95	
08 53 13 00-0192	EA		32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	653.39	82.09
			<i>For Colored Vinyl, Add</i>	48.92	
			<i>For Tinted Glass, Add</i>	58.70	
			<i>For Low-E Insulated Glass, Add</i>	122.30	
			<i>For Obscure Glass, Add</i>	134.53	
08 53 13 00-0193	EA		36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	679.41	84.48
			<i>For Colored Vinyl, Add</i>	51.05	
			<i>For Tinted Glass, Add</i>	61.26	
			<i>For Low-E Insulated Glass, Add</i>	127.62	
			<i>For Obscure Glass, Add</i>	140.38	
08 53 13 00-0194	EA		44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	721.50	89.24
			<i>For Colored Vinyl, Add</i>	54.30	
			<i>For Tinted Glass, Add</i>	65.16	
			<i>For Low-E Insulated Glass, Add</i>	135.76	
			<i>For Obscure Glass, Add</i>	149.34	
<b>08 53 13 00-0195</b>			<b>Replacement, Double Hung Vinyl Windows (Silver Line 8500)</b> <small>(08 53 13 00-0102)</small>		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	597.95	62.46
			<i>For Colored Vinyl, Add</i>	47.30	
			<i>For Tinted Glass, Add</i>	56.76	
			<i>For Low-E Insulated Glass, Add</i>	118.26	
			<i>For Obscure Glass, Add</i>	130.08	
08 53 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	659.27	68.41
			<i>For Colored Vinyl, Add</i>	52.25	
			<i>For Tinted Glass, Add</i>	62.69	
			<i>For Low-E Insulated Glass, Add</i>	130.61	
			<i>For Obscure Glass, Add</i>	143.67	
08 53 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	716.90	74.36
			<i>For Colored Vinyl, Add</i>	56.82	
			<i>For Tinted Glass, Add</i>	68.18	
			<i>For Low-E Insulated Glass, Add</i>	142.05	
			<i>For Obscure Glass, Add</i>	156.25	



**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	758.98	80.31
			<i>For Colored Vinyl, Add</i>	59.84	
			<i>For Tinted Glass, Add</i>	71.80	
			<i>For Low-E Insulated Glass, Add</i>	149.59	
			<i>For Obscure Glass, Add</i>	164.55	
08 53 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	803.82	86.26
			<i>For Colored Vinyl, Add</i>	63.13	
			<i>For Tinted Glass, Add</i>	75.76	
			<i>For Low-E Insulated Glass, Add</i>	157.83	
			<i>For Obscure Glass, Add</i>	173.61	
08 53 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	873.11	92.21
			<i>For Colored Vinyl, Add</i>	68.87	
			<i>For Tinted Glass, Add</i>	82.64	
			<i>For Low-E Insulated Glass, Add</i>	172.18	
			<i>For Obscure Glass, Add</i>	189.39	
08 53 13 00-0202	UI		>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	7.29	0.77
			<i>For Colored Vinyl, Add</i>	0.57	
			<i>For Tinted Glass, Add</i>	0.69	
			<i>For Low-E Insulated Glass, Add</i>	1.44	
			<i>For Obscure Glass, Add</i>	1.58	
08 53 13 00-0203			<b>Casement Vinyl Windows</b> (08 53 13)		
08 53 13 00-0204			<b>New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0203) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0205			<b>One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0204)		
08 53 13 00-0206			<b>24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0205)		
08 53 13 00-0207	EA		17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	445.66	45.21
			<i>For Colored Vinyl, Add</i>	35.64	
			<i>For Tinted Glass, Add</i>	42.77	
			<i>For Low-E Insulated Glass, Add</i>	89.11	
			<i>For Obscure Glass, Add</i>	98.02	
08 53 13 00-0208	EA		20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	461.26	46.40
			<i>For Colored Vinyl, Add</i>	36.85	
			<i>For Tinted Glass, Add</i>	44.22	
			<i>For Low-E Insulated Glass, Add</i>	92.12	
			<i>For Obscure Glass, Add</i>	101.33	
08 53 13 00-0209	EA		24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	478.05	48.79
			<i>For Colored Vinyl, Add</i>	38.05	
			<i>For Tinted Glass, Add</i>	45.66	
			<i>For Low-E Insulated Glass, Add</i>	95.12	
			<i>For Obscure Glass, Add</i>	104.63	
08 53 13 00-0210	EA		28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	508.10	51.16
			<i>For Colored Vinyl, Add</i>	40.58	
			<i>For Tinted Glass, Add</i>	48.69	
			<i>For Low-E Insulated Glass, Add</i>	101.45	
			<i>For Obscure Glass, Add</i>	111.59	
08 53 13 00-0211			<b>28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0205)		
08 53 13 00-0212	EA		17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	472.81	47.59
			<i>For Colored Vinyl, Add</i>	37.88	
			<i>For Tinted Glass, Add</i>	45.46	
			<i>For Low-E Insulated Glass, Add</i>	94.71	
			<i>For Obscure Glass, Add</i>	104.18	
08 53 13 00-0213	EA		20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	489.79	48.79
			<i>For Colored Vinyl, Add</i>	39.22	
			<i>For Tinted Glass, Add</i>	47.07	
			<i>For Low-E Insulated Glass, Add</i>	98.06	
			<i>For Obscure Glass, Add</i>	107.86	
08 53 13 00-0214	EA		24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	507.91	51.16
			<i>For Colored Vinyl, Add</i>	40.56	
			<i>For Tinted Glass, Add</i>	48.67	
			<i>For Low-E Insulated Glass, Add</i>	101.40	
			<i>For Obscure Glass, Add</i>	111.54	
08 53 13 00-0215	EA		28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	539.59	53.54
			<i>For Colored Vinyl, Add</i>	43.25	
			<i>For Tinted Glass, Add</i>	51.90	
			<i>For Low-E Insulated Glass, Add</i>	108.13	
			<i>For Obscure Glass, Add</i>	118.94	
08 53 13 00-0216			<b>36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> (08 53 13 00-0205)		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0217	EA		17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	505.21	51.16
			<i>For Colored Vinyl, Add</i>	40.29	
			<i>For Tinted Glass, Add</i>	48.35	
			<i>For Low-E Insulated Glass, Add</i>	100.72	
			<i>For Obscure Glass, Add</i>	110.79	
08 53 13 00-0218	EA		20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	522.85	53.54
			<i>For Colored Vinyl, Add</i>	41.70	
			<i>For Tinted Glass, Add</i>	50.04	
			<i>For Low-E Insulated Glass, Add</i>	104.24	
			<i>For Obscure Glass, Add</i>	114.66	
08 53 13 00-0219	EA		24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	541.72	55.33
			<i>For Colored Vinyl, Add</i>	43.11	
			<i>For Tinted Glass, Add</i>	51.73	
			<i>For Low-E Insulated Glass, Add</i>	107.77	
			<i>For Obscure Glass, Add</i>	118.54	
08 53 13 00-0220	EA		28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	574.69	57.70
			<i>For Colored Vinyl, Add</i>	45.93	
			<i>For Tinted Glass, Add</i>	55.11	
			<i>For Low-E Insulated Glass, Add</i>	114.82	
			<i>For Obscure Glass, Add</i>	126.30	
<b>08 53 13 00-0221</b>			<b>40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0222	EA		17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	534.38	54.73
			<i>For Colored Vinyl, Add</i>	42.61	
			<i>For Tinted Glass, Add</i>	51.13	
			<i>For Low-E Insulated Glass, Add</i>	106.53	
			<i>For Obscure Glass, Add</i>	117.18	
08 53 13 00-0223	EA		20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	552.98	55.92
			<i>For Colored Vinyl, Add</i>	44.11	
			<i>For Tinted Glass, Add</i>	52.94	
			<i>For Low-E Insulated Glass, Add</i>	110.29	
			<i>For Obscure Glass, Add</i>	121.31	
08 53 13 00-0224	EA		24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	572.76	58.30
			<i>For Colored Vinyl, Add</i>	45.62	
			<i>For Tinted Glass, Add</i>	54.74	
			<i>For Low-E Insulated Glass, Add</i>	114.04	
			<i>For Obscure Glass, Add</i>	125.45	
08 53 13 00-0225	EA		28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	608.40	60.68
			<i>For Colored Vinyl, Add</i>	48.71	
			<i>For Tinted Glass, Add</i>	58.45	
			<i>For Low-E Insulated Glass, Add</i>	121.76	
			<i>For Obscure Glass, Add</i>	133.94	
<b>08 53 13 00-0226</b>			<b>48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0227	EA		17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	567.34	59.48
			<i>For Colored Vinyl, Add</i>	44.96	
			<i>For Tinted Glass, Add</i>	53.95	
			<i>For Low-E Insulated Glass, Add</i>	112.39	
			<i>For Obscure Glass, Add</i>	123.63	
08 53 13 00-0228	EA		20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	586.74	60.68
			<i>For Colored Vinyl, Add</i>	46.54	
			<i>For Tinted Glass, Add</i>	55.85	
			<i>For Low-E Insulated Glass, Add</i>	116.35	
			<i>For Obscure Glass, Add</i>	127.98	
08 53 13 00-0229	EA		24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	607.40	63.06
			<i>For Colored Vinyl, Add</i>	48.13	
			<i>For Tinted Glass, Add</i>	57.75	
			<i>For Low-E Insulated Glass, Add</i>	120.32	
			<i>For Obscure Glass, Add</i>	132.35	
08 53 13 00-0230	EA		28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	646.56	65.43
			<i>For Colored Vinyl, Add</i>	51.57	
			<i>For Tinted Glass, Add</i>	61.88	
			<i>For Low-E Insulated Glass, Add</i>	128.92	
			<i>For Obscure Glass, Add</i>	141.81	
<b>08 53 13 00-0231</b>			<b>52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0205)</small>		
08 53 13 00-0232	EA		17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	595.41	61.87
			<i>For Colored Vinyl, Add</i>	47.29	
			<i>For Tinted Glass, Add</i>	56.74	
			<i>For Low-E Insulated Glass, Add</i>	118.22	
			<i>For Obscure Glass, Add</i>	130.04	
08 53 13 00-0233	EA		20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	615.95	63.06
			<i>For Colored Vinyl, Add</i>	48.98	
			<i>For Tinted Glass, Add</i>	58.78	
			<i>For Low-E Insulated Glass, Add</i>	122.46	
			<i>For Obscure Glass, Add</i>	134.70	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0234	EA		24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	637.63	65.43
			<i>For Colored Vinyl, Add</i>	50.68	
			<i>For Tinted Glass, Add</i>	60.81	
			<i>For Low-E Insulated Glass, Add</i>	126.69	
			<i>For Obscure Glass, Add</i>	139.36	
08 53 13 00-0235	EA		28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	677.46	67.82
			<i>For Colored Vinyl, Add</i>	54.18	
			<i>For Tinted Glass, Add</i>	65.02	
			<i>For Low-E Insulated Glass, Add</i>	135.46	
			<i>For Obscure Glass, Add</i>	149.00	
<b>08 53 13 00-0236</b>			<b>60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small></b>		
08 53 13 00-0237	EA		17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	627.08	65.43
			<i>For Colored Vinyl, Add</i>	49.62	
			<i>For Tinted Glass, Add</i>	59.54	
			<i>For Low-E Insulated Glass, Add</i>	124.05	
			<i>For Obscure Glass, Add</i>	136.46	
08 53 13 00-0238	EA		20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	648.68	67.82
			<i>For Colored Vinyl, Add</i>	51.42	
			<i>For Tinted Glass, Add</i>	61.71	
			<i>For Low-E Insulated Glass, Add</i>	128.56	
			<i>For Obscure Glass, Add</i>	141.41	
08 53 13 00-0239	EA		24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	671.46	69.60
			<i>For Colored Vinyl, Add</i>	53.23	
			<i>For Tinted Glass, Add</i>	63.87	
			<i>For Low-E Insulated Glass, Add</i>	133.07	
			<i>For Obscure Glass, Add</i>	146.37	
08 53 13 00-0240	EA		28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	711.92	71.99
			<i>For Colored Vinyl, Add</i>	56.80	
			<i>For Tinted Glass, Add</i>	68.16	
			<i>For Low-E Insulated Glass, Add</i>	141.99	
			<i>For Obscure Glass, Add</i>	156.19	
<b>08 53 13 00-0241</b>			<b>64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small></b>		
08 53 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	655.79	69.01
			<i>For Colored Vinyl, Add</i>	51.90	
			<i>For Tinted Glass, Add</i>	62.28	
			<i>For Low-E Insulated Glass, Add</i>	129.74	
			<i>For Obscure Glass, Add</i>	142.72	
08 53 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	677.96	70.19
			<i>For Colored Vinyl, Add</i>	53.76	
			<i>For Tinted Glass, Add</i>	64.51	
			<i>For Low-E Insulated Glass, Add</i>	134.39	
			<i>For Obscure Glass, Add</i>	147.83	
08 53 13 00-0244	EA		24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	702.22	72.58
			<i>For Colored Vinyl, Add</i>	55.71	
			<i>For Tinted Glass, Add</i>	66.85	
			<i>For Low-E Insulated Glass, Add</i>	139.27	
			<i>For Obscure Glass, Add</i>	153.19	
08 53 13 00-0245	EA		28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	741.75	74.95
			<i>For Colored Vinyl, Add</i>	59.18	
			<i>For Tinted Glass, Add</i>	71.02	
			<i>For Low-E Insulated Glass, Add</i>	147.96	
			<i>For Obscure Glass, Add</i>	162.76	
<b>08 53 13 00-0246</b>			<b>72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small></b>		
08 53 13 00-0247	EA		17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	691.04	72.58
			<i>For Colored Vinyl, Add</i>	54.59	
			<i>For Tinted Glass, Add</i>	65.51	
			<i>For Low-E Insulated Glass, Add</i>	136.47	
			<i>For Obscure Glass, Add</i>	150.12	
08 53 13 00-0248	EA		20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	714.35	74.95
			<i>For Colored Vinyl, Add</i>	56.56	
			<i>For Tinted Glass, Add</i>	67.88	
			<i>For Low-E Insulated Glass, Add</i>	141.41	
			<i>For Obscure Glass, Add</i>	155.55	
08 53 13 00-0249	EA		24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	737.58	76.74
			<i>For Colored Vinyl, Add</i>	58.41	
			<i>For Tinted Glass, Add</i>	70.09	
			<i>For Low-E Insulated Glass, Add</i>	146.03	
			<i>For Obscure Glass, Add</i>	160.63	
08 53 13 00-0250	EA		28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	776.63	79.12
			<i>For Colored Vinyl, Add</i>	61.84	
			<i>For Tinted Glass, Add</i>	74.21	
			<i>For Low-E Insulated Glass, Add</i>	154.60	
			<i>For Obscure Glass, Add</i>	170.06	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0251 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0253 EA 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	895.18	60.68
For Colored Vinyl, Add	77.38	
For Tinted Glass, Add	92.86	
For Low-E Insulated Glass, Add	193.46	
For Obscure Glass, Add	212.80	
08 53 13 00-0254 EA 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	927.81	65.43
For Colored Vinyl, Add	79.81	
For Tinted Glass, Add	95.77	
For Low-E Insulated Glass, Add	199.53	
For Obscure Glass, Add	219.48	
08 53 13 00-0255 EA 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	961.65	70.19
For Colored Vinyl, Add	82.25	
For Tinted Glass, Add	98.69	
For Low-E Insulated Glass, Add	205.61	
For Obscure Glass, Add	226.17	
08 53 13 00-0256 EA 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,000.01	74.36
For Colored Vinyl, Add	85.13	
For Tinted Glass, Add	102.15	
For Low-E Insulated Glass, Add	212.82	
For Obscure Glass, Add	234.10	
08 53 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0258 EA 33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	947.93	63.65
For Colored Vinyl, Add	82.06	
For Tinted Glass, Add	98.48	
For Low-E Insulated Glass, Add	205.16	
For Obscure Glass, Add	225.67	
08 53 13 00-0259 EA 40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	982.56	67.82
For Colored Vinyl, Add	84.69	
For Tinted Glass, Add	101.63	
For Low-E Insulated Glass, Add	211.73	
For Obscure Glass, Add	232.90	
08 53 13 00-0260 EA 48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,018.40	72.58
For Colored Vinyl, Add	87.33	
For Tinted Glass, Add	104.79	
For Low-E Insulated Glass, Add	218.31	
For Obscure Glass, Add	240.14	
08 53 13 00-0261 EA 56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,055.54	77.34
For Colored Vinyl, Add	90.09	
For Tinted Glass, Add	108.10	
For Low-E Insulated Glass, Add	225.22	
For Obscure Glass, Add	247.74	
08 53 13 00-0262 48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0263 EA 33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,005.18	68.41
For Colored Vinyl, Add	86.84	
For Tinted Glass, Add	104.20	
For Low-E Insulated Glass, Add	217.09	
For Obscure Glass, Add	238.80	
08 53 13 00-0264 EA 40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,041.24	72.58
For Colored Vinyl, Add	89.61	
For Tinted Glass, Add	107.53	
For Low-E Insulated Glass, Add	224.02	
For Obscure Glass, Add	246.42	
08 53 13 00-0265 EA 48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,078.53	77.34
For Colored Vinyl, Add	92.39	
For Tinted Glass, Add	110.86	
For Low-E Insulated Glass, Add	230.97	
For Obscure Glass, Add	254.06	
08 53 13 00-0266 EA 56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,119.04	82.09
For Colored Vinyl, Add	95.49	
For Tinted Glass, Add	114.58	
For Low-E Insulated Glass, Add	238.71	
For Obscure Glass, Add	262.58	
08 53 13 00-0267 52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0268 EA 33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,057.56	70.79
For Colored Vinyl, Add	91.60	
For Tinted Glass, Add	109.92	
For Low-E Insulated Glass, Add	229.00	
For Obscure Glass, Add	251.89	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,095.55	74.95
			<i>For Colored Vinyl, Add</i>	94.56	
			<i>For Tinted Glass, Add</i>	113.48	
			<i>For Low-E Insulated Glass, Add</i>	236.41	
			<i>For Obscure Glass, Add</i>	260.05	
08 53 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,134.72	79.72
			<i>For Colored Vinyl, Add</i>	97.53	
			<i>For Tinted Glass, Add</i>	117.03	
			<i>For Low-E Insulated Glass, Add</i>	243.82	
			<i>For Obscure Glass, Add</i>	268.20	
08 53 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,175.90	84.48
			<i>For Colored Vinyl, Add</i>	100.70	
			<i>For Tinted Glass, Add</i>	120.83	
			<i>For Low-E Insulated Glass, Add</i>	251.74	
			<i>For Obscure Glass, Add</i>	276.91	
<b>08 53 13 00-0272</b>			<b>60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small></b>		
08 53 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,113.50	74.95
			<i>For Colored Vinyl, Add</i>	96.36	
			<i>For Tinted Glass, Add</i>	115.63	
			<i>For Low-E Insulated Glass, Add</i>	240.90	
			<i>For Obscure Glass, Add</i>	264.99	
08 53 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,153.42	79.72
			<i>For Colored Vinyl, Add</i>	99.52	
			<i>For Tinted Glass, Add</i>	119.42	
			<i>For Low-E Insulated Glass, Add</i>	248.80	
			<i>For Obscure Glass, Add</i>	273.67	
08 53 13 00-0275	EA		48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,194.47	84.48
			<i>For Colored Vinyl, Add</i>	102.67	
			<i>For Tinted Glass, Add</i>	123.21	
			<i>For Low-E Insulated Glass, Add</i>	256.68	
			<i>For Obscure Glass, Add</i>	282.35	
08 53 13 00-0276	EA		56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,236.29	88.64
			<i>For Colored Vinyl, Add</i>	105.90	
			<i>For Tinted Glass, Add</i>	127.08	
			<i>For Low-E Insulated Glass, Add</i>	264.75	
			<i>For Obscure Glass, Add</i>	291.23	
<b>08 53 13 00-0277</b>			<b>64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small></b>		
08 53 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,168.63	77.93
			<i>For Colored Vinyl, Add</i>	101.28	
			<i>For Tinted Glass, Add</i>	121.53	
			<i>For Low-E Insulated Glass, Add</i>	253.19	
			<i>For Obscure Glass, Add</i>	278.51	
08 53 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,208.54	82.09
			<i>For Colored Vinyl, Add</i>	104.44	
			<i>For Tinted Glass, Add</i>	125.32	
			<i>For Low-E Insulated Glass, Add</i>	261.09	
			<i>For Obscure Glass, Add</i>	287.20	
08 53 13 00-0280	EA		48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,249.45	86.85
			<i>For Colored Vinyl, Add</i>	107.58	
			<i>For Tinted Glass, Add</i>	129.09	
			<i>For Low-E Insulated Glass, Add</i>	268.94	
			<i>For Obscure Glass, Add</i>	295.83	
08 53 13 00-0281	EA		56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,291.40	91.61
			<i>For Colored Vinyl, Add</i>	110.82	
			<i>For Tinted Glass, Add</i>	132.98	
			<i>For Low-E Insulated Glass, Add</i>	277.05	
			<i>For Obscure Glass, Add</i>	304.75	
<b>08 53 13 00-0282</b>			<b>72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small></b>		
08 53 13 00-0283	EA		33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,229.31	82.09
			<i>For Colored Vinyl, Add</i>	106.51	
			<i>For Tinted Glass, Add</i>	127.81	
			<i>For Low-E Insulated Glass, Add</i>	266.28	
			<i>For Obscure Glass, Add</i>	292.91	
08 53 13 00-0284	EA		40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,269.22	86.85
			<i>For Colored Vinyl, Add</i>	109.67	
			<i>For Tinted Glass, Add</i>	131.61	
			<i>For Low-E Insulated Glass, Add</i>	274.18	
			<i>For Obscure Glass, Add</i>	301.60	
08 53 13 00-0285	EA		48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550) .....	1,310.33	91.61
			<i>For Colored Vinyl, Add</i>	112.83	
			<i>For Tinted Glass, Add</i>	135.39	
			<i>For Low-E Insulated Glass, Add</i>	282.07	
			<i>For Obscure Glass, Add</i>	310.28	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0286	EA		56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,352.14	95.78
			<i>For Colored Vinyl, Add</i>	116.06	
			<i>For Tinted Glass, Add</i>	139.27	
			<i>For Low-E Insulated Glass, Add</i>	290.15	
			<i>For Obscure Glass, Add</i>	319.16	
08 53 13 00-0287			<b>Three Operating Sashes, New Construction, Casement Vinyl Windows</b>		
			<b>(Silver Line 7550)</b> (08 53 13 00-0204)		
08 53 13 00-0288			<b>36" Height, Three Operating Sashes, New Construction, Casement Vinyl</b>		
			<b>Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0289	EA		62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,104.90	77.34
			<i>For Colored Vinyl, Add</i>	95.02	
			<i>For Tinted Glass, Add</i>	114.03	
			<i>For Low-E Insulated Glass, Add</i>	237.56	
			<i>For Obscure Glass, Add</i>	261.31	
08 53 13 00-0290	EA		72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,156.82	83.29
			<i>For Colored Vinyl, Add</i>	99.03	
			<i>For Tinted Glass, Add</i>	118.83	
			<i>For Low-E Insulated Glass, Add</i>	247.56	
			<i>For Obscure Glass, Add</i>	272.32	
08 53 13 00-0291	EA		86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,249.98	92.11
			<i>For Colored Vinyl, Add</i>	106.56	
			<i>For Tinted Glass, Add</i>	127.87	
			<i>For Low-E Insulated Glass, Add</i>	266.39	
			<i>For Obscure Glass, Add</i>	293.03	
08 53 13 00-0292			<b>40" Height, Three Operating Sashes, New Construction, Casement Vinyl</b>		
			<b>Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0293	EA		62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,177.61	80.90
			<i>For Colored Vinyl, Add</i>	101.70	
			<i>For Tinted Glass, Add</i>	122.04	
			<i>For Low-E Insulated Glass, Add</i>	254.25	
			<i>For Obscure Glass, Add</i>	279.67	
08 53 13 00-0294	EA		72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,229.93	86.26
			<i>For Colored Vinyl, Add</i>	105.74	
			<i>For Tinted Glass, Add</i>	126.89	
			<i>For Low-E Insulated Glass, Add</i>	264.36	
			<i>For Obscure Glass, Add</i>	290.79	
08 53 13 00-0295	EA		86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,328.50	95.19
			<i>For Colored Vinyl, Add</i>	113.81	
			<i>For Tinted Glass, Add</i>	136.58	
			<i>For Low-E Insulated Glass, Add</i>	284.54	
			<i>For Obscure Glass, Add</i>	312.99	
08 53 13 00-0296			<b>48" Height, Three Operating Sashes, New Construction, Casement Vinyl</b>		
			<b>Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0297	EA		62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,245.52	85.66
			<i>For Colored Vinyl, Add</i>	107.42	
			<i>For Tinted Glass, Add</i>	128.90	
			<i>For Low-E Insulated Glass, Add</i>	268.55	
			<i>For Obscure Glass, Add</i>	295.40	
08 53 13 00-0298	EA		72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,307.59	91.02
			<i>For Colored Vinyl, Add</i>	112.56	
			<i>For Tinted Glass, Add</i>	135.07	
			<i>For Low-E Insulated Glass, Add</i>	281.39	
			<i>For Obscure Glass, Add</i>	309.53	
08 53 13 00-0299	EA		86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,410.78	99.95
			<i>For Colored Vinyl, Add</i>	121.09	
			<i>For Tinted Glass, Add</i>	145.31	
			<i>For Low-E Insulated Glass, Add</i>	302.73	
			<i>For Obscure Glass, Add</i>	333.00	
08 53 13 00-0300			<b>52" Height, Three Operating Sashes, New Construction, Casement Vinyl</b>		
			<b>Windows (Silver Line 7550)</b> (08 53 13 00-0287)		
08 53 13 00-0301	EA		62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,314.75	88.04
			<i>For Colored Vinyl, Add</i>	113.87	
			<i>For Tinted Glass, Add</i>	136.64	
			<i>For Low-E Insulated Glass, Add</i>	284.67	
			<i>For Obscure Glass, Add</i>	313.13	
08 53 13 00-0302	EA		72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,380.81	93.99
			<i>For Colored Vinyl, Add</i>	119.28	
			<i>For Tinted Glass, Add</i>	143.14	
			<i>For Low-E Insulated Glass, Add</i>	298.21	
			<i>For Obscure Glass, Add</i>	328.03	



<b>08</b>	<b>08 Openings</b>
	<b>08 50 Windows</b>
	<b>08 53 Plastic Windows</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0303	EA 86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,499.00 129.44 155.32 323.59 355.95	102.32
<b>08 53 13 00-0304</b>	<b>60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0305	EA 62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,387.49 120.31 144.37 300.77 330.85	92.21
08 53 13 00-0306	EA 72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,456.38 126.01 151.21 315.02 346.52	98.15
08 53 13 00-0307	EA 86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,590.79 137.78 165.34 344.46 378.90	106.49
<b>08 53 13 00-0308</b>	<b>64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0309	EA 62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,466.24 127.59 153.11 318.97 350.87	95.19
08 53 13 00-0310	EA 72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,535.09 133.28 159.94 333.21 366.53	101.13
08 53 13 00-0311	EA 86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,669.48 145.06 174.07 362.64 398.91	109.46
<b>08 53 13 00-0312</b>	<b>72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550)</b> <small>(08 53 13 00-0287)</small>		
08 53 13 00-0313	EA 62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,547.51 134.88 161.86 337.21 370.93	99.34
08 53 13 00-0314	EA 72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,616.36 140.58 168.69 351.44 386.59	105.29
08 53 13 00-0315	EA 86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,750.77 152.35 182.82 380.88 418.97	113.62
<b>08 53 13 00-0316</b>	<b>Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0203)</small> Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
<b>08 53 13 00-0317</b>	<b>One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0316)</small>		
08 53 13 00-0318	EA Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	572.11 47.10 56.52 117.75 129.52	50.57
08 53 13 00-0319	EA >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500)..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	649.55 53.65 64.38 134.13 147.54	56.52



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0320	EA		>63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	719.59	62.46
			<i>For Colored Vinyl, Add</i>	59.47	
			<i>For Tinted Glass, Add</i>	71.36	
			<i>For Low-E Insulated Glass, Add</i>	148.67	
			<i>For Obscure Glass, Add</i>	163.53	
08 53 13 00-0321	EA		>73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	782.20	68.41
			<i>For Colored Vinyl, Add</i>	64.54	
			<i>For Tinted Glass, Add</i>	77.45	
			<i>For Low-E Insulated Glass, Add</i>	161.35	
			<i>For Obscure Glass, Add</i>	177.48	
08 53 13 00-0322	EA		>83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	837.42	74.36
			<i>For Colored Vinyl, Add</i>	68.87	
			<i>For Tinted Glass, Add</i>	82.64	
			<i>For Low-E Insulated Glass, Add</i>	172.18	
			<i>For Obscure Glass, Add</i>	189.39	
08 53 13 00-0323	EA		>93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	871.17	80.31
			<i>For Colored Vinyl, Add</i>	71.06	
			<i>For Tinted Glass, Add</i>	85.27	
			<i>For Low-E Insulated Glass, Add</i>	177.64	
			<i>For Obscure Glass, Add</i>	195.40	
08 53 13 00-0324	UI		>101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500) .....	8.59	0.77
			<i>For Colored Vinyl, Add</i>	0.70	
			<i>For Tinted Glass, Add</i>	0.84	
			<i>For Low-E Insulated Glass, Add</i>	1.76	
			<i>For Obscure Glass, Add</i>	1.94	
<b>08 53 13 00-0325</b>			<b>Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0316)</small>		
08 53 13 00-0326	EA		Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	949.34	62.46
			<i>For Colored Vinyl, Add</i>	82.44	
			<i>For Tinted Glass, Add</i>	98.93	
			<i>For Low-E Insulated Glass, Add</i>	206.10	
			<i>For Obscure Glass, Add</i>	226.71	
08 53 13 00-0327	EA		>73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,043.43	68.41
			<i>For Colored Vinyl, Add</i>	90.66	
			<i>For Tinted Glass, Add</i>	108.79	
			<i>For Low-E Insulated Glass, Add</i>	226.65	
			<i>For Obscure Glass, Add</i>	249.32	
08 53 13 00-0328	EA		>83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,130.12	74.36
			<i>For Colored Vinyl, Add</i>	98.14	
			<i>For Tinted Glass, Add</i>	117.77	
			<i>For Low-E Insulated Glass, Add</i>	245.35	
			<i>For Obscure Glass, Add</i>	269.89	
08 53 13 00-0329	EA		>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,189.05	80.31
			<i>For Colored Vinyl, Add</i>	102.84	
			<i>For Tinted Glass, Add</i>	123.41	
			<i>For Low-E Insulated Glass, Add</i>	257.11	
			<i>For Obscure Glass, Add</i>	282.82	
08 53 13 00-0330	EA		>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,251.85	86.26
			<i>For Colored Vinyl, Add</i>	107.93	
			<i>For Tinted Glass, Add</i>	129.52	
			<i>For Low-E Insulated Glass, Add</i>	269.84	
			<i>For Obscure Glass, Add</i>	296.82	
08 53 13 00-0331	EA		>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,317.44	92.21
			<i>For Colored Vinyl, Add</i>	113.30	
			<i>For Tinted Glass, Add</i>	135.96	
			<i>For Low-E Insulated Glass, Add</i>	283.26	
			<i>For Obscure Glass, Add</i>	311.58	
08 53 13 00-0332	UI		>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	10.99	0.77
			<i>For Colored Vinyl, Add</i>	0.94	
			<i>For Tinted Glass, Add</i>	1.13	
			<i>For Low-E Insulated Glass, Add</i>	2.36	
			<i>For Obscure Glass, Add</i>	2.60	
<b>08 53 13 00-0333</b>			<b>Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500)</b> <small>(08 53 13 00-0316)</small>		
08 53 13 00-0334	EA		Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	989.88	62.46
			<i>For Colored Vinyl, Add</i>	86.50	
			<i>For Tinted Glass, Add</i>	103.79	
			<i>For Low-E Insulated Glass, Add</i>	216.24	
			<i>For Obscure Glass, Add</i>	237.86	
08 53 13 00-0335	EA		>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,088.42	68.41
			<i>For Colored Vinyl, Add</i>	95.16	
			<i>For Tinted Glass, Add</i>	114.19	
			<i>For Low-E Insulated Glass, Add</i>	237.90	
			<i>For Obscure Glass, Add</i>	261.69	
08 53 13 00-0336	EA		>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	1,181.78	74.36
			<i>For Colored Vinyl, Add</i>	103.31	
			<i>For Tinted Glass, Add</i>	123.97	
			<i>For Low-E Insulated Glass, Add</i>	258.27	
			<i>For Obscure Glass, Add</i>	284.09	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 53</b>	<b>Plastic Windows</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0337	EA >93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,245.14	80.31
	For Colored Vinyl, Add	108.45	
	For Tinted Glass, Add	130.14	
	For Low-E Insulated Glass, Add	271.13	
	For Obscure Glass, Add	298.24	
08 53 13 00-0338	EA >101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,312.94	86.26
	For Colored Vinyl, Add	114.04	
	For Tinted Glass, Add	136.85	
	For Low-E Insulated Glass, Add	285.11	
	For Obscure Glass, Add	313.62	
08 53 13 00-0339	EA >110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,384.09	92.21
	For Colored Vinyl, Add	119.97	
	For Tinted Glass, Add	143.96	
	For Low-E Insulated Glass, Add	299.92	
	For Obscure Glass, Add	329.91	
08 53 13 00-0340	UI >120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500) .....	11.55	0.77
	For Colored Vinyl, Add	1.00	
	For Tinted Glass, Add	1.20	
	For Low-E Insulated Glass, Add	2.50	
	For Obscure Glass, Add	2.75	
08 53 13 00-0341	<b>Awning Vinyl Windows</b> (08 53 13)		
08 53 13 00-0342	<b>New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0341) Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0343	<b>Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0342)		
08 53 13 00-0344	<b>17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0345	EA 24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	575.84	48.79
	For Colored Vinyl, Add	47.83	
	For Tinted Glass, Add	57.39	
	For Low-E Insulated Glass, Add	119.57	
	For Obscure Glass, Add	131.53	
08 53 13 00-0346	EA 28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	602.82	51.16
	For Colored Vinyl, Add	50.05	
	For Tinted Glass, Add	60.06	
	For Low-E Insulated Glass, Add	125.13	
	For Obscure Glass, Add	137.64	
08 53 13 00-0347	EA 36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	644.47	55.33
	For Colored Vinyl, Add	53.38	
	For Tinted Glass, Add	64.06	
	For Low-E Insulated Glass, Add	133.46	
	For Obscure Glass, Add	146.80	
08 53 13 00-0348	EA 40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	671.37	58.30
	For Colored Vinyl, Add	55.48	
	For Tinted Glass, Add	66.57	
	For Low-E Insulated Glass, Add	138.70	
	For Obscure Glass, Add	152.56	
08 53 13 00-0349	EA 48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	715.48	63.06
	For Colored Vinyl, Add	58.94	
	For Tinted Glass, Add	70.72	
	For Low-E Insulated Glass, Add	147.34	
	For Obscure Glass, Add	162.07	
08 53 13 00-0350	<b>20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0351	EA 24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	607.18	51.16
	For Colored Vinyl, Add	50.61	
	For Tinted Glass, Add	60.73	
	For Low-E Insulated Glass, Add	126.51	
	For Obscure Glass, Add	139.16	
08 53 13 00-0352	EA 28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	634.16	53.54
	For Colored Vinyl, Add	52.83	
	For Tinted Glass, Add	63.39	
	For Low-E Insulated Glass, Add	132.07	
	For Obscure Glass, Add	145.27	
08 53 13 00-0353	EA 36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	678.88	57.11
	For Colored Vinyl, Add	56.47	
	For Tinted Glass, Add	67.76	
	For Low-E Insulated Glass, Add	141.17	
	For Obscure Glass, Add	155.28	
08 53 13 00-0354	EA 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	705.83	60.68
	For Colored Vinyl, Add	58.57	
	For Tinted Glass, Add	70.28	
	For Low-E Insulated Glass, Add	146.42	
	For Obscure Glass, Add	161.06	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0355	EA		48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	752.97	64.84
			<i>For Colored Vinyl, Add</i>	62.33	
			<i>For Tinted Glass, Add</i>	74.79	
			<i>For Low-E Insulated Glass, Add</i>	155.82	
			<i>For Obscure Glass, Add</i>	171.40	
<b>08 53 13 00-0356</b>			<b>24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0357	EA		24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	627.34	53.54
			<i>For Colored Vinyl, Add</i>	52.15	
			<i>For Tinted Glass, Add</i>	62.57	
			<i>For Low-E Insulated Glass, Add</i>	130.36	
			<i>For Obscure Glass, Add</i>	143.40	
08 53 13 00-0358	EA		28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	654.32	55.92
			<i>For Colored Vinyl, Add</i>	54.37	
			<i>For Tinted Glass, Add</i>	65.24	
			<i>For Low-E Insulated Glass, Add</i>	135.92	
			<i>For Obscure Glass, Add</i>	149.51	
08 53 13 00-0359	EA		36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	700.60	59.48
			<i>For Colored Vinyl, Add</i>	58.16	
			<i>For Tinted Glass, Add</i>	69.79	
			<i>For Low-E Insulated Glass, Add</i>	145.41	
			<i>For Obscure Glass, Add</i>	159.95	
08 53 13 00-0360	EA		40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	730.03	63.06
			<i>For Colored Vinyl, Add</i>	60.51	
			<i>For Tinted Glass, Add</i>	72.61	
			<i>For Low-E Insulated Glass, Add</i>	151.28	
			<i>For Obscure Glass, Add</i>	166.40	
08 53 13 00-0361	EA		48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	777.80	67.22
			<i>For Colored Vinyl, Add</i>	64.34	
			<i>For Tinted Glass, Add</i>	77.20	
			<i>For Low-E Insulated Glass, Add</i>	160.84	
			<i>For Obscure Glass, Add</i>	176.92	
<b>08 53 13 00-0362</b>			<b>28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0363	EA		24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	647.54	55.92
			<i>For Colored Vinyl, Add</i>	53.69	
			<i>For Tinted Glass, Add</i>	64.43	
			<i>For Low-E Insulated Glass, Add</i>	134.22	
			<i>For Obscure Glass, Add</i>	147.64	
08 53 13 00-0364	EA		28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	674.52	58.30
			<i>For Colored Vinyl, Add</i>	55.91	
			<i>For Tinted Glass, Add</i>	67.09	
			<i>For Low-E Insulated Glass, Add</i>	139.78	
			<i>For Obscure Glass, Add</i>	153.76	
08 53 13 00-0365	EA		36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	722.36	61.87
			<i>For Colored Vinyl, Add</i>	59.86	
			<i>For Tinted Glass, Add</i>	71.83	
			<i>For Low-E Insulated Glass, Add</i>	149.66	
			<i>For Obscure Glass, Add</i>	164.62	
08 53 13 00-0366	EA		40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	754.08	65.43
			<i>For Colored Vinyl, Add</i>	62.44	
			<i>For Tinted Glass, Add</i>	74.93	
			<i>For Low-E Insulated Glass, Add</i>	156.10	
			<i>For Obscure Glass, Add</i>	171.71	
08 53 13 00-0367	EA		48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	802.61	69.60
			<i>For Colored Vinyl, Add</i>	66.34	
			<i>For Tinted Glass, Add</i>	79.61	
			<i>For Low-E Insulated Glass, Add</i>	165.85	
			<i>For Obscure Glass, Add</i>	182.44	
<b>08 53 13 00-0368</b>			<b>36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450)</b> (08 53 13 00-0343)		
08 53 13 00-0369	EA		36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	764.59	66.04
			<i>For Colored Vinyl, Add</i>	63.25	
			<i>For Tinted Glass, Add</i>	75.90	
			<i>For Low-E Insulated Glass, Add</i>	158.13	
			<i>For Obscure Glass, Add</i>	173.95	
08 53 13 00-0370	EA		40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	796.35	69.01
			<i>For Colored Vinyl, Add</i>	65.83	
			<i>For Tinted Glass, Add</i>	79.00	
			<i>For Low-E Insulated Glass, Add</i>	164.59	
			<i>For Obscure Glass, Add</i>	181.04	
08 53 13 00-0371	EA		48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	847.97	73.77
			<i>For Colored Vinyl, Add</i>	70.04	
			<i>For Tinted Glass, Add</i>	84.05	
			<i>For Low-E Insulated Glass, Add</i>	175.11	
			<i>For Obscure Glass, Add</i>	192.62	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 53</b>	<b>Plastic Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0372		<b>Replacement, Awning Vinyl Windows (Silver Line 7400)</b> <small>(08 53 13 00-0341)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373	EA	Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	601.55	50.57
		For Colored Vinyl, Add	50.04	
		For Tinted Glass, Add	60.05	
		For Low-E Insulated Glass, Add	125.11	
		For Obscure Glass, Add	137.62	
08 53 13 00-0374	EA	>53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	696.21	56.52
		For Colored Vinyl, Add	58.32	
		For Tinted Glass, Add	69.98	
		For Low-E Insulated Glass, Add	145.80	
		For Obscure Glass, Add	160.37	
08 53 13 00-0375	EA	>63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	787.16	62.46
		For Colored Vinyl, Add	66.22	
		For Tinted Glass, Add	79.47	
		For Low-E Insulated Glass, Add	165.56	
		For Obscure Glass, Add	182.11	
08 53 13 00-0376	EA	>73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	874.40	68.41
		For Colored Vinyl, Add	73.76	
		For Tinted Glass, Add	88.51	
		For Low-E Insulated Glass, Add	184.40	
		For Obscure Glass, Add	202.83	
08 53 13 00-0377	EA	>83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	957.95	74.36
		For Colored Vinyl, Add	80.92	
		For Tinted Glass, Add	97.11	
		For Low-E Insulated Glass, Add	202.31	
		For Obscure Glass, Add	222.54	
08 53 13 00-0378	EA	>93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	1,002.06	80.31
		For Colored Vinyl, Add	84.14	
		For Tinted Glass, Add	100.97	
		For Low-E Insulated Glass, Add	210.36	
		For Obscure Glass, Add	231.40	
08 53 13 00-0379	UI	>101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	9.88	0.77
		For Colored Vinyl, Add	0.83	
		For Tinted Glass, Add	1.00	
		For Low-E Insulated Glass, Add	2.08	
		For Obscure Glass, Add	2.29	
08 53 13 00-0380		<b>Horizontal Sliding Vinyl Windows</b> <small>(08 53 13)</small>		
08 53 13 00-0381		<b>New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0380)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382		<b>20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0383	EA	36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	338.94	58.30
		For Colored Vinyl, Add	22.35	
		For Tinted Glass, Add	26.82	
		For Low-E Insulated Glass, Add	55.88	
		For Obscure Glass, Add	61.47	
08 53 13 00-0384	EA	48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	375.14	65.43
		For Colored Vinyl, Add	24.55	
		For Tinted Glass, Add	29.45	
		For Low-E Insulated Glass, Add	61.36	
		For Obscure Glass, Add	67.50	
08 53 13 00-0385	EA	54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	393.23	68.41
		For Colored Vinyl, Add	25.64	
		For Tinted Glass, Add	30.77	
		For Low-E Insulated Glass, Add	64.10	
		For Obscure Glass, Add	70.51	
08 53 13 00-0386	EA	60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	411.33	71.99
		For Colored Vinyl, Add	26.74	
		For Tinted Glass, Add	32.08	
		For Low-E Insulated Glass, Add	66.84	
		For Obscure Glass, Add	73.53	
08 53 13 00-0387	EA	64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	423.39	74.95
		For Colored Vinyl, Add	27.47	
		For Tinted Glass, Add	32.96	
		For Low-E Insulated Glass, Add	68.67	
		For Obscure Glass, Add	75.53	
08 53 13 00-0388	EA	72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	447.53	79.12
		For Colored Vinyl, Add	28.93	
		For Tinted Glass, Add	34.71	
		For Low-E Insulated Glass, Add	72.32	
		For Obscure Glass, Add	79.55	
08 53 13 00-0389		<b>24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		



	<b>Openings</b>	<b>08</b>
	<b>Windows</b>	<b>08 50</b>
	<b>Plastic Windows</b>	<b>08 53</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0390	EA		36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	356.03	60.68
			<i>For Colored Vinyl, Add</i>	23.59	
			<i>For Tinted Glass, Add</i>	28.30	
			<i>For Low-E Insulated Glass, Add</i>	58.97	
			<i>For Obscure Glass, Add</i>	64.86	
08 53 13 00-0391	EA		48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	393.23	67.82
			<i>For Colored Vinyl, Add</i>	25.88	
			<i>For Tinted Glass, Add</i>	31.05	
			<i>For Low-E Insulated Glass, Add</i>	64.70	
			<i>For Obscure Glass, Add</i>	71.16	
08 53 13 00-0392	EA		54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	411.95	70.79
			<i>For Colored Vinyl, Add</i>	27.04	
			<i>For Tinted Glass, Add</i>	32.44	
			<i>For Low-E Insulated Glass, Add</i>	67.59	
			<i>For Obscure Glass, Add</i>	74.35	
08 53 13 00-0393	EA		60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	430.46	74.36
			<i>For Colored Vinyl, Add</i>	28.17	
			<i>For Tinted Glass, Add</i>	33.81	
			<i>For Low-E Insulated Glass, Add</i>	70.44	
			<i>For Obscure Glass, Add</i>	77.48	
08 53 13 00-0394	EA		64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	442.85	77.34
			<i>For Colored Vinyl, Add</i>	28.94	
			<i>For Tinted Glass, Add</i>	34.72	
			<i>For Low-E Insulated Glass, Add</i>	72.34	
			<i>For Obscure Glass, Add</i>	79.58	
08 53 13 00-0395	EA		72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	467.66	81.50
			<i>For Colored Vinyl, Add</i>	30.47	
			<i>For Tinted Glass, Add</i>	36.56	
			<i>For Low-E Insulated Glass, Add</i>	76.17	
			<i>For Obscure Glass, Add</i>	83.78	
<b>08 53 13 00-0396</b>			<b>36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0397	EA		36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	407.64	67.82
			<i>For Colored Vinyl, Add</i>	27.32	
			<i>For Tinted Glass, Add</i>	32.78	
			<i>For Low-E Insulated Glass, Add</i>	68.30	
			<i>For Obscure Glass, Add</i>	75.13	
08 53 13 00-0398	EA		48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	448.05	74.95
			<i>For Colored Vinyl, Add</i>	29.93	
			<i>For Tinted Glass, Add</i>	35.92	
			<i>For Low-E Insulated Glass, Add</i>	74.83	
			<i>For Obscure Glass, Add</i>	82.32	
08 53 13 00-0399	EA		54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	468.29	77.93
			<i>For Colored Vinyl, Add</i>	31.24	
			<i>For Tinted Glass, Add</i>	37.49	
			<i>For Low-E Insulated Glass, Add</i>	78.11	
			<i>For Obscure Glass, Add</i>	85.92	
08 53 13 00-0400	EA		60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	488.51	81.50
			<i>For Colored Vinyl, Add</i>	32.55	
			<i>For Tinted Glass, Add</i>	39.06	
			<i>For Low-E Insulated Glass, Add</i>	81.38	
			<i>For Obscure Glass, Add</i>	89.52	
08 53 13 00-0401	EA		64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	501.99	83.29
			<i>For Colored Vinyl, Add</i>	33.42	
			<i>For Tinted Glass, Add</i>	40.11	
			<i>For Low-E Insulated Glass, Add</i>	83.56	
			<i>For Obscure Glass, Add</i>	91.92	
08 53 13 00-0402	EA		72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	528.96	88.64
			<i>For Colored Vinyl, Add</i>	35.17	
			<i>For Tinted Glass, Add</i>	42.20	
			<i>For Low-E Insulated Glass, Add</i>	87.92	
			<i>For Obscure Glass, Add</i>	96.71	
<b>08 53 13 00-0403</b>			<b>42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0404	EA		36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	433.43	71.38
			<i>For Colored Vinyl, Add</i>	29.19	
			<i>For Tinted Glass, Add</i>	35.02	
			<i>For Low-E Insulated Glass, Add</i>	72.96	
			<i>For Obscure Glass, Add</i>	80.26	
08 53 13 00-0405	EA		48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	475.48	78.53
			<i>For Colored Vinyl, Add</i>	31.96	
			<i>For Tinted Glass, Add</i>	38.35	
			<i>For Low-E Insulated Glass, Add</i>	79.91	
			<i>For Obscure Glass, Add</i>	87.90	
08 53 13 00-0406	EA		54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	496.54	81.50
			<i>For Colored Vinyl, Add</i>	33.35	
			<i>For Tinted Glass, Add</i>	40.02	
			<i>For Low-E Insulated Glass, Add</i>	83.39	
			<i>For Obscure Glass, Add</i>	91.72	



**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0407	EA		60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	517.57	85.07
			<i>For Colored Vinyl, Add</i>	34.74	
			<i>For Tinted Glass, Add</i>	41.69	
			<i>For Low-E Insulated Glass, Add</i>	86.86	
			<i>For Obscure Glass, Add</i>	95.54	
08 53 13 00-0408	EA		64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	531.54	88.04
			<i>For Colored Vinyl, Add</i>	35.66	
			<i>For Tinted Glass, Add</i>	42.80	
			<i>For Low-E Insulated Glass, Add</i>	89.16	
			<i>For Obscure Glass, Add</i>	98.08	
08 53 13 00-0409	EA		72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	559.61	92.21
			<i>For Colored Vinyl, Add</i>	37.52	
			<i>For Tinted Glass, Add</i>	45.02	
			<i>For Low-E Insulated Glass, Add</i>	93.80	
			<i>For Obscure Glass, Add</i>	103.18	
<b>08 53 13 00-0410</b>			<b>44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0411	EA		36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	442.03	72.58
			<i>For Colored Vinyl, Add</i>	29.81	
			<i>For Tinted Glass, Add</i>	35.77	
			<i>For Low-E Insulated Glass, Add</i>	74.52	
			<i>For Obscure Glass, Add</i>	81.97	
08 53 13 00-0412	EA		48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	484.63	79.72
			<i>For Colored Vinyl, Add</i>	32.64	
			<i>For Tinted Glass, Add</i>	39.17	
			<i>For Low-E Insulated Glass, Add</i>	81.60	
			<i>For Obscure Glass, Add</i>	89.76	
08 53 13 00-0413	EA		54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	505.92	82.68
			<i>For Colored Vinyl, Add</i>	34.05	
			<i>For Tinted Glass, Add</i>	40.86	
			<i>For Low-E Insulated Glass, Add</i>	85.14	
			<i>For Obscure Glass, Add</i>	93.65	
08 53 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	527.23	86.26
			<i>For Colored Vinyl, Add</i>	35.47	
			<i>For Tinted Glass, Add</i>	42.57	
			<i>For Low-E Insulated Glass, Add</i>	88.68	
			<i>For Obscure Glass, Add</i>	97.55	
08 53 13 00-0415	EA		64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	541.44	89.24
			<i>For Colored Vinyl, Add</i>	36.42	
			<i>For Tinted Glass, Add</i>	43.70	
			<i>For Low-E Insulated Glass, Add</i>	91.04	
			<i>For Obscure Glass, Add</i>	100.14	
08 53 13 00-0416	EA		72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	569.81	93.39
			<i>For Colored Vinyl, Add</i>	38.30	
			<i>For Tinted Glass, Add</i>	45.96	
			<i>For Low-E Insulated Glass, Add</i>	95.75	
			<i>For Obscure Glass, Add</i>	105.33	
<b>08 53 13 00-0417</b>			<b>46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0418	EA		36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	450.64	73.77
			<i>For Colored Vinyl, Add</i>	30.43	
			<i>For Tinted Glass, Add</i>	36.51	
			<i>For Low-E Insulated Glass, Add</i>	76.07	
			<i>For Obscure Glass, Add</i>	83.68	
08 53 13 00-0419	EA		48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	493.75	80.90
			<i>For Colored Vinyl, Add</i>	33.31	
			<i>For Tinted Glass, Add</i>	39.98	
			<i>For Low-E Insulated Glass, Add</i>	83.28	
			<i>For Obscure Glass, Add</i>	91.61	
08 53 13 00-0420	EA		54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	515.32	83.88
			<i>For Colored Vinyl, Add</i>	34.76	
			<i>For Tinted Glass, Add</i>	41.71	
			<i>For Low-E Insulated Glass, Add</i>	86.89	
			<i>For Obscure Glass, Add</i>	95.58	
08 53 13 00-0421	EA		60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	536.88	87.45
			<i>For Colored Vinyl, Add</i>	36.20	
			<i>For Tinted Glass, Add</i>	43.44	
			<i>For Low-E Insulated Glass, Add</i>	90.50	
			<i>For Obscure Glass, Add</i>	99.54	
08 53 13 00-0422	EA		64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	551.25	90.42
			<i>For Colored Vinyl, Add</i>	37.16	
			<i>For Tinted Glass, Add</i>	44.59	
			<i>For Low-E Insulated Glass, Add</i>	92.90	
			<i>For Obscure Glass, Add</i>	102.19	
08 53 13 00-0423	EA		72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	580.03	94.59
			<i>For Colored Vinyl, Add</i>	39.09	
			<i>For Tinted Glass, Add</i>	46.90	
			<i>For Low-E Insulated Glass, Add</i>	97.72	
			<i>For Obscure Glass, Add</i>	107.49	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0425 EA 36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	459.23	74.95
For Colored Vinyl, Add	31.05	
For Tinted Glass, Add	37.26	
For Low-E Insulated Glass, Add	77.63	
For Obscure Glass, Add	85.39	
08 53 13 00-0426 EA 48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	502.91	82.09
For Colored Vinyl, Add	33.99	
For Tinted Glass, Add	40.79	
For Low-E Insulated Glass, Add	84.98	
For Obscure Glass, Add	93.48	
08 53 13 00-0427 EA 54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	524.75	85.07
For Colored Vinyl, Add	35.46	
For Tinted Glass, Add	42.55	
For Low-E Insulated Glass, Add	88.65	
For Obscure Glass, Add	97.52	
08 53 13 00-0428 EA 60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	546.55	88.64
For Colored Vinyl, Add	36.93	
For Tinted Glass, Add	44.31	
For Low-E Insulated Glass, Add	92.32	
For Obscure Glass, Add	101.55	
08 53 13 00-0429 EA 64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	561.12	91.61
For Colored Vinyl, Add	37.91	
For Tinted Glass, Add	45.49	
For Low-E Insulated Glass, Add	94.77	
For Obscure Glass, Add	104.25	
08 53 13 00-0430 EA 72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	590.27	95.78
For Colored Vinyl, Add	39.87	
For Tinted Glass, Add	47.85	
For Low-E Insulated Glass, Add	99.68	
For Obscure Glass, Add	109.65	
<b>08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0432 EA 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	467.83	76.14
For Colored Vinyl, Add	31.67	
For Tinted Glass, Add	38.01	
For Low-E Insulated Glass, Add	79.18	
For Obscure Glass, Add	87.10	
08 53 13 00-0433 EA 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	512.03	83.29
For Colored Vinyl, Add	34.67	
For Tinted Glass, Add	41.60	
For Low-E Insulated Glass, Add	86.66	
For Obscure Glass, Add	95.33	
08 53 13 00-0434 EA 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	534.12	86.26
For Colored Vinyl, Add	36.16	
For Tinted Glass, Add	43.39	
For Low-E Insulated Glass, Add	90.40	
For Obscure Glass, Add	99.44	
08 53 13 00-0435 EA 60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	556.22	89.83
For Colored Vinyl, Add	37.66	
For Tinted Glass, Add	45.19	
For Low-E Insulated Glass, Add	94.14	
For Obscure Glass, Add	103.56	
08 53 13 00-0436 EA 64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	570.97	92.80
For Colored Vinyl, Add	38.66	
For Tinted Glass, Add	46.39	
For Low-E Insulated Glass, Add	96.64	
For Obscure Glass, Add	106.30	
08 53 13 00-0437 EA 72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	600.45	96.97
For Colored Vinyl, Add	40.65	
For Tinted Glass, Add	48.78	
For Low-E Insulated Glass, Add	101.63	
For Obscure Glass, Add	111.79	
<b>08 53 13 00-0438 52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>		
08 53 13 00-0439 EA 36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	476.43	77.34
For Colored Vinyl, Add	32.30	
For Tinted Glass, Add	38.75	
For Low-E Insulated Glass, Add	80.74	
For Obscure Glass, Add	88.81	
08 53 13 00-0440 EA 48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	521.17	84.48
For Colored Vinyl, Add	35.34	
For Tinted Glass, Add	42.41	
For Low-E Insulated Glass, Add	88.36	
For Obscure Glass, Add	97.19	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0441	EA		54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	543.54	87.45
			<i>For Colored Vinyl, Add</i>	36.86	
			<i>For Tinted Glass, Add</i>	44.24	
			<i>For Low-E Insulated Glass, Add</i>	92.16	
			<i>For Obscure Glass, Add</i>	101.38	
08 53 13 00-0442	EA		60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	565.94	91.02
			<i>For Colored Vinyl, Add</i>	38.39	
			<i>For Tinted Glass, Add</i>	46.07	
			<i>For Low-E Insulated Glass, Add</i>	95.98	
			<i>For Obscure Glass, Add</i>	105.57	
08 53 13 00-0443	EA		64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	580.84	93.99
			<i>For Colored Vinyl, Add</i>	39.40	
			<i>For Tinted Glass, Add</i>	47.28	
			<i>For Low-E Insulated Glass, Add</i>	98.51	
			<i>For Obscure Glass, Add</i>	108.36	
08 53 13 00-0444	EA		72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	610.68	98.15
			<i>For Colored Vinyl, Add</i>	41.44	
			<i>For Tinted Glass, Add</i>	49.72	
			<i>For Low-E Insulated Glass, Add</i>	103.59	
			<i>For Obscure Glass, Add</i>	113.95	
<b>08 53 13 00-0445 54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>					
08 53 13 00-0446	EA		36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	485.03	78.53
			<i>For Colored Vinyl, Add</i>	32.92	
			<i>For Tinted Glass, Add</i>	39.50	
			<i>For Low-E Insulated Glass, Add</i>	82.29	
			<i>For Obscure Glass, Add</i>	90.52	
08 53 13 00-0447	EA		48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	530.30	85.66
			<i>For Colored Vinyl, Add</i>	36.02	
			<i>For Tinted Glass, Add</i>	43.22	
			<i>For Low-E Insulated Glass, Add</i>	90.04	
			<i>For Obscure Glass, Add</i>	99.04	
08 53 13 00-0448	EA		54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	552.96	88.64
			<i>For Colored Vinyl, Add</i>	37.57	
			<i>For Tinted Glass, Add</i>	45.08	
			<i>For Low-E Insulated Glass, Add</i>	93.92	
			<i>For Obscure Glass, Add</i>	103.31	
08 53 13 00-0449	EA		60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	575.60	92.21
			<i>For Colored Vinyl, Add</i>	39.12	
			<i>For Tinted Glass, Add</i>	46.94	
			<i>For Low-E Insulated Glass, Add</i>	97.80	
			<i>For Obscure Glass, Add</i>	107.58	
08 53 13 00-0450	EA		64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	590.69	95.19
			<i>For Colored Vinyl, Add</i>	40.15	
			<i>For Tinted Glass, Add</i>	48.18	
			<i>For Low-E Insulated Glass, Add</i>	100.38	
			<i>For Obscure Glass, Add</i>	110.42	
08 53 13 00-0451	EA		72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	620.87	99.34
			<i>For Colored Vinyl, Add</i>	42.22	
			<i>For Tinted Glass, Add</i>	50.66	
			<i>For Low-E Insulated Glass, Add</i>	105.55	
			<i>For Obscure Glass, Add</i>	116.10	
<b>08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800)</b> <small>(08 53 13 00-0381)</small>					
08 53 13 00-0453	EA		36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	527.24	82.09
			<i>For Colored Vinyl, Add</i>	36.42	
			<i>For Tinted Glass, Add</i>	43.71	
			<i>For Low-E Insulated Glass, Add</i>	91.06	
			<i>For Obscure Glass, Add</i>	100.17	
08 53 13 00-0454	EA		48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	557.73	89.24
			<i>For Colored Vinyl, Add</i>	38.05	
			<i>For Tinted Glass, Add</i>	45.65	
			<i>For Low-E Insulated Glass, Add</i>	95.11	
			<i>For Obscure Glass, Add</i>	104.62	
08 53 13 00-0455	EA		54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	581.19	92.21
			<i>For Colored Vinyl, Add</i>	39.68	
			<i>For Tinted Glass, Add</i>	47.61	
			<i>For Low-E Insulated Glass, Add</i>	99.20	
			<i>For Obscure Glass, Add</i>	109.11	
08 53 13 00-0456	EA		60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	604.63	95.78
			<i>For Colored Vinyl, Add</i>	41.31	
			<i>For Tinted Glass, Add</i>	49.57	
			<i>For Low-E Insulated Glass, Add</i>	103.27	
			<i>For Obscure Glass, Add</i>	113.59	
08 53 13 00-0457	EA		64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	620.27	98.75
			<i>For Colored Vinyl, Add</i>	42.40	
			<i>For Tinted Glass, Add</i>	50.88	
			<i>For Low-E Insulated Glass, Add</i>	105.99	
			<i>For Obscure Glass, Add</i>	116.59	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Plastic Windows	08 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0458	EA		72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	651.53	102.91
			For Colored Vinyl, Add	44.57	
			For Tinted Glass, Add	53.48	
			For Low-E Insulated Glass, Add	111.43	
			For Obscure Glass, Add	122.57	
<b>08 53 13 00-0459</b>			<b>Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700)</b> (08 53 13 00-0380)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460	EA		Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	543.89	62.46
			For Colored Vinyl, Add	41.90	
			For Tinted Glass, Add	50.28	
			For Low-E Insulated Glass, Add	104.74	
			For Obscure Glass, Add	115.21	
08 53 13 00-0461	EA		>73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	597.81	68.41
			For Colored Vinyl, Add	46.10	
			For Tinted Glass, Add	55.32	
			For Low-E Insulated Glass, Add	115.25	
			For Obscure Glass, Add	126.77	
08 53 13 00-0462	EA		>83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	648.03	74.36
			For Colored Vinyl, Add	49.93	
			For Tinted Glass, Add	59.92	
			For Low-E Insulated Glass, Add	124.83	
			For Obscure Glass, Add	137.31	
08 53 13 00-0463	EA		>93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	684.18	80.31
			For Colored Vinyl, Add	52.36	
			For Tinted Glass, Add	62.83	
			For Low-E Insulated Glass, Add	130.89	
			For Obscure Glass, Add	143.98	
08 53 13 00-0464	EA		>101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	722.36	86.26
			For Colored Vinyl, Add	54.99	
			For Tinted Glass, Add	65.98	
			For Low-E Insulated Glass, Add	137.46	
			For Obscure Glass, Add	151.21	
08 53 13 00-0465	EA		>110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	784.25	92.21
			For Colored Vinyl, Add	59.98	
			For Tinted Glass, Add	71.98	
			For Low-E Insulated Glass, Add	149.96	
			For Obscure Glass, Add	164.96	
08 53 13 00-0466	UI		>120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	6.55	0.77
			For Colored Vinyl, Add	0.50	
			For Tinted Glass, Add	0.60	
			For Low-E Insulated Glass, Add	1.25	
			For Obscure Glass, Add	1.38	
<b>08 53 13 00-0467</b>			<b>Basement Vinyl Windows</b> (08 53 13)		
<b>08 53 13 00-0468</b>			<b>New Construction, Basement Vinyl Windows (Silver Line 5900)</b> (08 53 13 00-0467)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469	EA		32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	317.35	47.59
			For Colored Vinyl, Add	22.22	
			For Tinted Glass, Add	26.66	
			For Low-E Insulated Glass, Add	55.54	
			For Obscure Glass, Add	61.09	
08 53 13 00-0470	EA		32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	343.27	47.59
			For Colored Vinyl, Add	24.81	
			For Tinted Glass, Add	29.77	
			For Low-E Insulated Glass, Add	62.02	
			For Obscure Glass, Add	68.22	
08 53 13 00-0471	EA		32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	358.08	47.59
			For Colored Vinyl, Add	26.29	
			For Tinted Glass, Add	31.55	
			For Low-E Insulated Glass, Add	65.72	
			For Obscure Glass, Add	72.29	
<b>08 53 13 00-0472</b>			<b>Replacement, Basement Vinyl Windows</b> (08 53 13 00-0467)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA		Up To 47" UI, Replacement, Basement Vinyl Window.....	407.53	46.40
			For Colored Vinyl, Add	31.47	
			For Tinted Glass, Add	37.77	
			For Low-E Insulated Glass, Add	78.68	
			For Obscure Glass, Add	86.55	
08 53 13 00-0474	EA		>47" To 55" UI, Replacement, Basement Vinyl Window.....	453.28	53.54
			For Colored Vinyl, Add	34.62	
			For Tinted Glass, Add	41.54	
			For Low-E Insulated Glass, Add	86.55	
			For Obscure Glass, Add	95.21	

**08 Openings****08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0475	UI		>55" UI, Replacement, Basement Vinyl Window .....	7.84	0.77
			<i>For Colored Vinyl, Add</i>	0.63	
			<i>For Tinted Glass, Add</i>	0.75	
			<i>For Low-E Insulated Glass, Add</i>	1.57	
			<i>For Obscure Glass, Add</i>	1.73	
08 53 13 00-0476			Accessories For Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0477			Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0476)</small>		
08 53 13 00-0478			Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0479	EA		Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	51.84	
08 53 13 00-0480	EA		>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows .....	66.65	
08 53 13 00-0481	EA		>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows .....	85.84	
08 53 13 00-0482	EA		>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows .....	101.32	
08 53 13 00-0483	EA		>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows .....	124.55	
08 53 13 00-0484			Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0485	EA		Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows .....	117.81	
08 53 13 00-0486	EA		>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows .....	141.38	
08 53 13 00-0487	EA		>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows .....	178.40	
08 53 13 00-0488	EA		>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows .....	222.16	
08 53 13 00-0489	EA		>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows .....	265.92	
08 53 13 00-0490			Vinyl Windows (Gentek) <small>(08 53 13)</small>		
			Note: Gentek windows or equal. Prices are based on white vinyl interior and exterior. Double glazed insulated window (glazing included). All standard hardware. Screens as noted.		
08 53 13 00-0491	SF		Double Hung - Series 8E40, 3-1/4" Frame. Full Extruded Screen, Night latches (A2, B3, C2, F2), Standard White Finish .....	90.92	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	4.98	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.65	
			<i>For &gt; 800 To 1000, Deduct</i>	-1.79	
			<i>For &gt; 1000 To 2000, Deduct</i>	-3.09	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.49	
08 53 13 00-0492	SF		Double Slider - Series 8E10, 3-1/4" Frame. Full Extruded Screen, Night latches (A3, B4, C2, F2), (Optional Tilt And Turn Hardware) Standard White Finish .....	90.92	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.65	
			<i>For &gt; 800 To 1000, Deduct</i>	-1.79	
			<i>For &gt; 1000 To 2000, Deduct</i>	-3.09	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.49	
08 53 13 00-0493	SF		Narrow Frame Fixed - Series 8E00, 3-1/4" Frame. (Pass, B7, C2, F2), Standard White Finish .....	87.28	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For &gt; 800 To 1000, Deduct</i>	-2.13	
			<i>For &gt; 1000 To 2000, Deduct</i>	-4.02	
			<i>For &gt; 2000 To 4000, Deduct</i>	-5.60	
08 53 13 00-0494	SF		Single Hung - Series 3S40, 3-1/4" Frame. Half Screen (A3, B4, C3, F2), Standard White Finish .....	83.15	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.64	
			<i>For Quantity Discounts, 801 To 1000 SF, Deduct</i>	-1.40	
			<i>For Quantity Discounts, 1001 To 2000 SF, Deduct</i>	-2.92	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.49	



	<b>Openings</b>	<b>08</b>
	<b>Windows</b>	<b>08 50</b>
	<b>Plastic Windows</b>	<b>08 53</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0495	SF		Single Slider - Series 3S10, 3-1/4" Frame. Half Screen, (A2, B4, C2, F2), (Optional Tilt And Turn Hardware) Standard White Finish .....	83.15	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.65	
			<i>For Quantity Discounts, 801 To 1000 SF, Deduct</i>	-1.40	
			<i>For Quantity Discounts, 1001 To 2000 SF, Deduct</i>	-2.92	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.49	
08 53 13 00-0496	SF		Casement - Series 8V71, 3-1/4" Frame. Multipoint Hardware (A3, B7, C3, F2), Standard White Finish .....	94.74	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.65	
			<i>For &gt; 800 To 1000, Deduct</i>	-1.69	
			<i>For &gt; 1000 To 2000, Deduct</i>	-3.14	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.55	
08 53 13 00-0497	SF		Fixed Casement - Series 8V71F, 3-1/4" Frame. (Pass, B7, C3, F2), Standard White Finish.....	87.28	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For &gt; 800 To 1000, Deduct</i>	-2.13	
			<i>For &gt; 1000 To 2000, Deduct</i>	-4.02	
			<i>For &gt; 2000 To 4000, Deduct</i>	-5.60	
08 53 13 00-0498	SF		Awning - Series 8V81, 3-1/4" Frame. (A3, B7, C3, F2), Standard White Finish.....	94.74	8.92
			<i>For Almond Or Cream Finish, Add</i>	1.47	
			<i>For Painted Exterior, Add</i>	3.65	
			<i>For Tinted Glass, Add</i>	2.04	
			<i>For Tempered 2 Sided, Add</i>	3.30	
			<i>For Low-E Glazing, Add</i>	1.52	
			<i>For Internal Muntins, Colonial Or Eurogrid, Add</i>	2.80	
			<i>For Internal Muntins, Pencil Bar, Add</i>	3.82	
			<i>For Aluminum Screen Mesh, Add</i>	0.61	
			<i>For &gt; 800 To 1000, Deduct</i>	-1.69	
			<i>For &gt; 1000 To 2000, Deduct</i>	-3.14	
			<i>For &gt; 2000 To 4000, Deduct</i>	-4.55	

**08 53 66 Vinyl Window Screens (08 53)****08 53 66 00-0001 Insect Screens For Vinyl Windows (08 53 66)**

08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows .....	54.81	10.57
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows .....	75.01	10.57
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows .....	81.74	10.57
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows .....	95.20	10.57
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows .....	125.50	10.57
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows .....	138.96	10.57
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows .....	159.16	10.57
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows .....	172.62	10.57
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows.....	5.24	0.21

**08 54 Composite Windows (08 50)****08 54 13 Fiberglass Windows (08 54)****08 54 13 00-0001 Single Hung Fiberglass Windows (08 54 13)****08 54 13 00-0002 New Construction, Single Hung Fiberglass Windows (08 54 13 00-0001)**

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

**08 54 13 00-0003 34" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)**

08 54 13 00-0004	EA	24" x 34", New Construction, Single Hung Fiberglass Window.....	938.58	54.73
		<i>For Colored Vinyl, Add</i>	82.91	
		<i>For Tinted Glass, Add</i>	99.49	
		<i>For Low-E Insulated Glass, Add</i>	207.28	
		<i>For Obscure Glass, Add</i>	228.01	
08 54 13 00-0005	EA	28" x 34", New Construction, Single Hung Fiberglass Window.....	989.51	57.11
		<i>For Colored Vinyl, Add</i>	87.53	
		<i>For Tinted Glass, Add</i>	105.03	
		<i>For Low-E Insulated Glass, Add</i>	218.82	
		<i>For Obscure Glass, Add</i>	240.70	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 54</b>	<b>Composite Windows</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0006	EA		30" x 34", New Construction, Single Hung Fiberglass Window.....	1,009.74	58.30
			<i>For Colored Vinyl, Add</i>	89.32	
			<i>For Tinted Glass, Add</i>	107.18	
			<i>For Low-E Insulated Glass, Add</i>	223.29	
			<i>For Obscure Glass, Add</i>	245.62	
08 54 13 00-0007	EA		32" x 34", New Construction, Single Hung Fiberglass Window.....	1,032.28	59.48
			<i>For Colored Vinyl, Add</i>	91.33	
			<i>For Tinted Glass, Add</i>	109.60	
			<i>For Low-E Insulated Glass, Add</i>	228.33	
			<i>For Obscure Glass, Add</i>	251.16	
08 54 13 00-0008	EA		36" x 34", New Construction, Single Hung Fiberglass Window.....	1,093.57	61.87
			<i>For Colored Vinyl, Add</i>	96.98	
			<i>For Tinted Glass, Add</i>	116.38	
			<i>For Low-E Insulated Glass, Add</i>	242.46	
			<i>For Obscure Glass, Add</i>	266.70	
08 54 13 00-0009	EA		44" x 34", New Construction, Single Hung Fiberglass Window.....	1,188.50	66.63
			<i>For Colored Vinyl, Add</i>	105.53	
			<i>For Tinted Glass, Add</i>	126.63	
			<i>For Low-E Insulated Glass, Add</i>	263.81	
			<i>For Obscure Glass, Add</i>	290.19	
<b>08 54 13 00-0010</b>			<b>36" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0011	EA		24" x 36", New Construction, Single Hung Fiberglass Window.....	957.20	55.92
			<i>For Colored Vinyl, Add</i>	84.54	
			<i>For Tinted Glass, Add</i>	101.44	
			<i>For Low-E Insulated Glass, Add</i>	211.34	
			<i>For Obscure Glass, Add</i>	232.47	
08 54 13 00-0012	EA		28" x 36", New Construction, Single Hung Fiberglass Window.....	1,008.18	57.11
			<i>For Colored Vinyl, Add</i>	89.16	
			<i>For Tinted Glass, Add</i>	106.99	
			<i>For Low-E Insulated Glass, Add</i>	222.90	
			<i>For Obscure Glass, Add</i>	245.19	
08 54 13 00-0013	EA		30" x 36", New Construction, Single Hung Fiberglass Window.....	1,028.43	59.48
			<i>For Colored Vinyl, Add</i>	90.95	
			<i>For Tinted Glass, Add</i>	109.13	
			<i>For Low-E Insulated Glass, Add</i>	227.36	
			<i>For Obscure Glass, Add</i>	250.10	
08 54 13 00-0014	EA		32" x 36", New Construction, Single Hung Fiberglass Window.....	1,050.95	60.68
			<i>For Colored Vinyl, Add</i>	92.96	
			<i>For Tinted Glass, Add</i>	111.55	
			<i>For Low-E Insulated Glass, Add</i>	232.40	
			<i>For Obscure Glass, Add</i>	255.64	
08 54 13 00-0015	EA		36" x 36", New Construction, Single Hung Fiberglass Window.....	1,112.18	63.06
			<i>For Colored Vinyl, Add</i>	98.61	
			<i>For Tinted Glass, Add</i>	118.33	
			<i>For Low-E Insulated Glass, Add</i>	246.52	
			<i>For Obscure Glass, Add</i>	271.17	
08 54 13 00-0016	EA		44" x 36", New Construction, Single Hung Fiberglass Window.....	1,207.12	67.82
			<i>For Colored Vinyl, Add</i>	107.15	
			<i>For Tinted Glass, Add</i>	128.58	
			<i>For Low-E Insulated Glass, Add</i>	267.87	
			<i>For Obscure Glass, Add</i>	294.66	
<b>08 54 13 00-0017</b>			<b>38" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0018	EA		24" x 38", New Construction, Single Hung Fiberglass Window.....	975.10	57.11
			<i>For Colored Vinyl, Add</i>	86.09	
			<i>For Tinted Glass, Add</i>	103.31	
			<i>For Low-E Insulated Glass, Add</i>	215.22	
			<i>For Obscure Glass, Add</i>	236.74	
08 54 13 00-0019	EA		28" x 38", New Construction, Single Hung Fiberglass Window.....	1,026.08	59.48
			<i>For Colored Vinyl, Add</i>	90.71	
			<i>For Tinted Glass, Add</i>	108.85	
			<i>For Low-E Insulated Glass, Add</i>	226.78	
			<i>For Obscure Glass, Add</i>	249.45	
08 54 13 00-0020	EA		30" x 38", New Construction, Single Hung Fiberglass Window.....	1,047.30	60.68
			<i>For Colored Vinyl, Add</i>	92.60	
			<i>For Tinted Glass, Add</i>	111.11	
			<i>For Low-E Insulated Glass, Add</i>	231.49	
			<i>For Obscure Glass, Add</i>	254.64	
08 54 13 00-0021	EA		32" x 38", New Construction, Single Hung Fiberglass Window.....	1,069.90	61.87
			<i>For Colored Vinyl, Add</i>	94.62	
			<i>For Tinted Glass, Add</i>	113.54	
			<i>For Low-E Insulated Glass, Add</i>	236.54	
			<i>For Obscure Glass, Add</i>	260.19	
08 54 13 00-0022	EA		36" x 38", New Construction, Single Hung Fiberglass Window.....	1,132.30	64.25
			<i>For Colored Vinyl, Add</i>	100.38	
			<i>For Tinted Glass, Add</i>	120.46	
			<i>For Low-E Insulated Glass, Add</i>	250.95	
			<i>For Obscure Glass, Add</i>	276.05	
08 54 13 00-0023	EA		44" x 38", New Construction, Single Hung Fiberglass Window.....	1,228.79	69.01
			<i>For Colored Vinyl, Add</i>	109.08	
			<i>For Tinted Glass, Add</i>	130.89	
			<i>For Low-E Insulated Glass, Add</i>	272.70	
			<i>For Obscure Glass, Add</i>	299.96	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 54 13 00-0024 44" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0025 EA 24" x 44", New Construction, Single Hung Fiberglass Window.....	1,030.15	60.68
For Colored Vinyl, Add	90.88	
For Tinted Glass, Add	109.06	
For Low-E Insulated Glass, Add	227.20	
For Obscure Glass, Add	249.92	
08 54 13 00-0026 EA 28" x 44", New Construction, Single Hung Fiberglass Window.....	1,081.08	63.06
For Colored Vinyl, Add	95.50	
For Tinted Glass, Add	114.60	
For Low-E Insulated Glass, Add	238.74	
For Obscure Glass, Add	262.61	
08 54 13 00-0027 EA 30" x 44", New Construction, Single Hung Fiberglass Window.....	1,105.76	64.25
For Colored Vinyl, Add	97.73	
For Tinted Glass, Add	117.27	
For Low-E Insulated Glass, Add	244.32	
For Obscure Glass, Add	268.75	
08 54 13 00-0028 EA 32" x 44", New Construction, Single Hung Fiberglass Window.....	1,128.29	65.43
For Colored Vinyl, Add	99.74	
For Tinted Glass, Add	119.69	
For Low-E Insulated Glass, Add	249.35	
For Obscure Glass, Add	274.29	
08 54 13 00-0029 EA 36" x 44", New Construction, Single Hung Fiberglass Window.....	1,194.15	67.82
For Colored Vinyl, Add	105.85	
For Tinted Glass, Add	127.02	
For Low-E Insulated Glass, Add	264.63	
For Obscure Glass, Add	291.09	
08 54 13 00-0030 EA 44" x 44", New Construction, Single Hung Fiberglass Window.....	1,294.87	72.58
For Colored Vinyl, Add	114.97	
For Tinted Glass, Add	137.97	
For Low-E Insulated Glass, Add	287.43	
For Obscure Glass, Add	316.17	
<b>08 54 13 00-0031 46" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0032 EA 24" x 46", New Construction, Single Hung Fiberglass Window.....	1,048.78	61.87
For Colored Vinyl, Add	92.50	
For Tinted Glass, Add	111.00	
For Low-E Insulated Glass, Add	231.26	
For Obscure Glass, Add	254.39	
08 54 13 00-0033 EA 28" x 46", New Construction, Single Hung Fiberglass Window.....	1,099.76	64.25
For Colored Vinyl, Add	97.13	
For Tinted Glass, Add	116.55	
For Low-E Insulated Glass, Add	242.82	
For Obscure Glass, Add	267.10	
08 54 13 00-0034 EA 30" x 46", New Construction, Single Hung Fiberglass Window.....	1,125.42	65.43
For Colored Vinyl, Add	99.45	
For Tinted Glass, Add	119.34	
For Low-E Insulated Glass, Add	248.64	
For Obscure Glass, Add	273.50	
08 54 13 00-0035 EA 32" x 46", New Construction, Single Hung Fiberglass Window.....	1,148.00	66.63
For Colored Vinyl, Add	101.48	
For Tinted Glass, Add	121.77	
For Low-E Insulated Glass, Add	253.69	
For Obscure Glass, Add	279.06	
08 54 13 00-0036 EA 36" x 46", New Construction, Single Hung Fiberglass Window.....	1,214.84	69.01
For Colored Vinyl, Add	107.68	
For Tinted Glass, Add	129.22	
For Low-E Insulated Glass, Add	269.21	
For Obscure Glass, Add	296.13	
08 54 13 00-0037 EA 44" x 46", New Construction, Single Hung Fiberglass Window.....	1,317.21	73.77
For Colored Vinyl, Add	116.97	
For Tinted Glass, Add	140.36	
For Low-E Insulated Glass, Add	292.42	
For Obscure Glass, Add	321.66	
<b>08 54 13 00-0038 48" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0039 EA 24" x 48", New Construction, Single Hung Fiberglass Window.....	1,067.72	63.06
For Colored Vinyl, Add	94.16	
For Tinted Glass, Add	112.99	
For Low-E Insulated Glass, Add	235.40	
For Obscure Glass, Add	258.94	
08 54 13 00-0040 EA 28" x 48", New Construction, Single Hung Fiberglass Window.....	1,118.64	65.43
For Colored Vinyl, Add	98.78	
For Tinted Glass, Add	118.53	
For Low-E Insulated Glass, Add	246.94	
For Obscure Glass, Add	271.63	
08 54 13 00-0041 EA 30" x 48", New Construction, Single Hung Fiberglass Window.....	1,145.40	66.63
For Colored Vinyl, Add	101.22	
For Tinted Glass, Add	121.46	
For Low-E Insulated Glass, Add	253.04	
For Obscure Glass, Add	278.34	

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0042	EA		32" x 48", New Construction, Single Hung Fiberglass Window.....	1,167.93	67.82
			<i>For Colored Vinyl, Add</i>	103.23	
			<i>For Tinted Glass, Add</i>	123.87	
			<i>For Low-E Insulated Glass, Add</i>	258.07	
			<i>For Obscure Glass, Add</i>	283.88	
08 54 13 00-0043	EA		36" x 48", New Construction, Single Hung Fiberglass Window.....	1,239.01	70.19
			<i>For Colored Vinyl, Add</i>	109.56	
			<i>For Tinted Glass, Add</i>	131.47	
			<i>For Low-E Insulated Glass, Add</i>	273.90	
			<i>For Obscure Glass, Add</i>	301.29	
08 54 13 00-0044	EA		44" x 48", New Construction, Single Hung Fiberglass Window.....	1,339.73	74.95
			<i>For Colored Vinyl, Add</i>	118.98	
			<i>For Tinted Glass, Add</i>	142.78	
			<i>For Low-E Insulated Glass, Add</i>	297.46	
			<i>For Obscure Glass, Add</i>	327.20	
<b>08 54 13 00-0045</b>			<b>50" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)</b>		
08 54 13 00-0046	EA		24" x 50", New Construction, Single Hung Fiberglass Window.....	1,085.55	64.25
			<i>For Colored Vinyl, Add</i>	95.71	
			<i>For Tinted Glass, Add</i>	114.85	
			<i>For Low-E Insulated Glass, Add</i>	239.26	
			<i>For Obscure Glass, Add</i>	263.19	
08 54 13 00-0047	EA		28" x 50", New Construction, Single Hung Fiberglass Window.....	1,136.53	66.63
			<i>For Colored Vinyl, Add</i>	100.33	
			<i>For Tinted Glass, Add</i>	120.39	
			<i>For Low-E Insulated Glass, Add</i>	250.82	
			<i>For Obscure Glass, Add</i>	275.90	
08 54 13 00-0048	EA		30" x 50", New Construction, Single Hung Fiberglass Window.....	1,164.41	67.82
			<i>For Colored Vinyl, Add</i>	102.88	
			<i>For Tinted Glass, Add</i>	123.45	
			<i>For Low-E Insulated Glass, Add</i>	257.19	
			<i>For Obscure Glass, Add</i>	282.91	
08 54 13 00-0049	EA		32" x 50", New Construction, Single Hung Fiberglass Window.....	1,187.00	69.01
			<i>For Colored Vinyl, Add</i>	104.90	
			<i>For Tinted Glass, Add</i>	125.88	
			<i>For Low-E Insulated Glass, Add</i>	262.25	
			<i>For Obscure Glass, Add</i>	288.47	
08 54 13 00-0050	EA		36" x 50", New Construction, Single Hung Fiberglass Window.....	1,256.05	71.38
			<i>For Colored Vinyl, Add</i>	111.33	
			<i>For Tinted Glass, Add</i>	133.59	
			<i>For Low-E Insulated Glass, Add</i>	278.32	
			<i>For Obscure Glass, Add</i>	306.15	
08 54 13 00-0051	EA		44" x 50", New Construction, Single Hung Fiberglass Window.....	1,361.22	76.14
			<i>For Colored Vinyl, Add</i>	120.89	
			<i>For Tinted Glass, Add</i>	145.07	
			<i>For Low-E Insulated Glass, Add</i>	302.23	
			<i>For Obscure Glass, Add</i>	332.46	
<b>08 54 13 00-0052</b>			<b>52" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)</b>		
08 54 13 00-0053	EA		24" x 52", New Construction, Single Hung Fiberglass Window.....	1,103.58	65.43
			<i>For Colored Vinyl, Add</i>	97.27	
			<i>For Tinted Glass, Add</i>	116.72	
			<i>For Low-E Insulated Glass, Add</i>	243.18	
			<i>For Obscure Glass, Add</i>	267.49	
08 54 13 00-0054	EA		28" x 52", New Construction, Single Hung Fiberglass Window.....	1,154.57	67.82
			<i>For Colored Vinyl, Add</i>	101.89	
			<i>For Tinted Glass, Add</i>	122.27	
			<i>For Low-E Insulated Glass, Add</i>	254.73	
			<i>For Obscure Glass, Add</i>	280.21	
08 54 13 00-0055	EA		30" x 52", New Construction, Single Hung Fiberglass Window.....	1,183.61	69.01
			<i>For Colored Vinyl, Add</i>	104.56	
			<i>For Tinted Glass, Add</i>	125.47	
			<i>For Low-E Insulated Glass, Add</i>	261.40	
			<i>For Obscure Glass, Add</i>	287.54	
08 54 13 00-0056	EA		32" x 52", New Construction, Single Hung Fiberglass Window.....	1,206.14	70.19
			<i>For Colored Vinyl, Add</i>	106.57	
			<i>For Tinted Glass, Add</i>	127.89	
			<i>For Low-E Insulated Glass, Add</i>	266.44	
			<i>For Obscure Glass, Add</i>	293.08	
08 54 13 00-0057	EA		36" x 52", New Construction, Single Hung Fiberglass Window.....	1,276.42	72.58
			<i>For Colored Vinyl, Add</i>	113.13	
			<i>For Tinted Glass, Add</i>	135.75	
			<i>For Low-E Insulated Glass, Add</i>	282.82	
			<i>For Obscure Glass, Add</i>	311.10	
08 54 13 00-0058	EA		44" x 52", New Construction, Single Hung Fiberglass Window.....	1,383.03	77.34
			<i>For Colored Vinyl, Add</i>	122.84	
			<i>For Tinted Glass, Add</i>	147.40	
			<i>For Low-E Insulated Glass, Add</i>	307.09	
			<i>For Obscure Glass, Add</i>	337.80	
<b>08 54 13 00-0059</b>			<b>54" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)</b>		



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Windows</b>	<b>08 50</b>	
<b>Composite Windows</b>	<b>08 54</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0060	EA		24" x 54", New Construction, Single Hung Fiberglass Window.....	1,121.53	66.63
			<i>For Colored Vinyl, Add</i>	98.83	
			<i>For Tinted Glass, Add</i>	118.59	
			<i>For Low-E Insulated Glass, Add</i>	247.07	
			<i>For Obscure Glass, Add</i>	271.78	
08 54 13 00-0061	EA		28" x 54", New Construction, Single Hung Fiberglass Window.....	1,172.52	69.01
			<i>For Colored Vinyl, Add</i>	103.45	
			<i>For Tinted Glass, Add</i>	124.14	
			<i>For Low-E Insulated Glass, Add</i>	258.63	
			<i>For Obscure Glass, Add</i>	284.49	
08 54 13 00-0062	EA		30" x 54", New Construction, Single Hung Fiberglass Window.....	1,202.62	70.19
			<i>For Colored Vinyl, Add</i>	106.22	
			<i>For Tinted Glass, Add</i>	127.47	
			<i>For Low-E Insulated Glass, Add</i>	265.56	
			<i>For Obscure Glass, Add</i>	292.11	
08 54 13 00-0063	EA		32" x 54", New Construction, Single Hung Fiberglass Window.....	1,225.21	71.38
			<i>For Colored Vinyl, Add</i>	108.24	
			<i>For Tinted Glass, Add</i>	129.89	
			<i>For Low-E Insulated Glass, Add</i>	270.61	
			<i>For Obscure Glass, Add</i>	297.67	
08 54 13 00-0064	EA		36" x 54", New Construction, Single Hung Fiberglass Window.....	1,296.47	73.77
			<i>For Colored Vinyl, Add</i>	114.89	
			<i>For Tinted Glass, Add</i>	137.87	
			<i>For Low-E Insulated Glass, Add</i>	287.24	
			<i>For Obscure Glass, Add</i>	315.96	
08 54 13 00-0065	EA		44" x 54", New Construction, Single Hung Fiberglass Window.....	1,404.51	78.53
			<i>For Colored Vinyl, Add</i>	124.75	
			<i>For Tinted Glass, Add</i>	149.70	
			<i>For Low-E Insulated Glass, Add</i>	311.87	
			<i>For Obscure Glass, Add</i>	343.05	
<b>08 54 13 00-0066</b>			<b>60" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0067	EA		24" x 60", New Construction, Single Hung Fiberglass Window.....	1,177.52	70.19
			<i>For Colored Vinyl, Add</i>	103.71	
			<i>For Tinted Glass, Add</i>	124.45	
			<i>For Low-E Insulated Glass, Add</i>	259.28	
			<i>For Obscure Glass, Add</i>	285.21	
08 54 13 00-0068	EA		28" x 60", New Construction, Single Hung Fiberglass Window.....	1,228.50	72.58
			<i>For Colored Vinyl, Add</i>	108.34	
			<i>For Tinted Glass, Add</i>	130.00	
			<i>For Low-E Insulated Glass, Add</i>	270.84	
			<i>For Obscure Glass, Add</i>	297.92	
08 54 13 00-0069	EA		30" x 60", New Construction, Single Hung Fiberglass Window.....	1,261.72	73.77
			<i>For Colored Vinyl, Add</i>	111.42	
			<i>For Tinted Glass, Add</i>	133.70	
			<i>For Low-E Insulated Glass, Add</i>	278.55	
			<i>For Obscure Glass, Add</i>	306.40	
08 54 13 00-0070	EA		32" x 60", New Construction, Single Hung Fiberglass Window.....	1,284.31	74.95
			<i>For Colored Vinyl, Add</i>	113.44	
			<i>For Tinted Glass, Add</i>	136.13	
			<i>For Low-E Insulated Glass, Add</i>	283.60	
			<i>For Obscure Glass, Add</i>	311.96	
08 54 13 00-0071	EA		36" x 60", New Construction, Single Hung Fiberglass Window.....	1,358.97	77.34
			<i>For Colored Vinyl, Add</i>	120.43	
			<i>For Tinted Glass, Add</i>	144.52	
			<i>For Low-E Insulated Glass, Add</i>	301.08	
			<i>For Obscure Glass, Add</i>	331.18	
08 54 13 00-0072	EA		44" x 60", New Construction, Single Hung Fiberglass Window.....	1,471.44	82.09
			<i>For Colored Vinyl, Add</i>	130.73	
			<i>For Tinted Glass, Add</i>	156.87	
			<i>For Low-E Insulated Glass, Add</i>	326.81	
			<i>For Obscure Glass, Add</i>	359.49	
<b>08 54 13 00-0073</b>			<b>62" Height, New Construction, Single Hung Fiberglass Windows</b> (08 54 13 00-0002)		
08 54 13 00-0074	EA		24" x 62", New Construction, Single Hung Fiberglass Window.....	1,195.54	71.38
			<i>For Colored Vinyl, Add</i>	105.28	
			<i>For Tinted Glass, Add</i>	126.33	
			<i>For Low-E Insulated Glass, Add</i>	263.19	
			<i>For Obscure Glass, Add</i>	289.51	
08 54 13 00-0075	EA		28" x 62", New Construction, Single Hung Fiberglass Window.....	1,246.46	73.77
			<i>For Colored Vinyl, Add</i>	109.89	
			<i>For Tinted Glass, Add</i>	131.87	
			<i>For Low-E Insulated Glass, Add</i>	274.73	
			<i>For Obscure Glass, Add</i>	302.21	
08 54 13 00-0076	EA		30" x 62", New Construction, Single Hung Fiberglass Window.....	1,281.05	74.95
			<i>For Colored Vinyl, Add</i>	113.11	
			<i>For Tinted Glass, Add</i>	135.74	
			<i>For Low-E Insulated Glass, Add</i>	282.79	
			<i>For Obscure Glass, Add</i>	311.06	
08 54 13 00-0077	EA		32" x 62", New Construction, Single Hung Fiberglass Window.....	1,303.58	76.14
			<i>For Colored Vinyl, Add</i>	115.13	
			<i>For Tinted Glass, Add</i>	138.15	
			<i>For Low-E Insulated Glass, Add</i>	287.82	
			<i>For Obscure Glass, Add</i>	316.60	

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0078	EA		36" x 62", New Construction, Single Hung Fiberglass Window.....	1,379.28	78.53
			<i>For Colored Vinyl, Add</i>	122.22	
			<i>For Tinted Glass, Add</i>	146.67	
			<i>For Low-E Insulated Glass, Add</i>	305.56	
			<i>For Obscure Glass, Add</i>	336.11	
08 54 13 00-0079	EA		44" x 62", New Construction, Single Hung Fiberglass Window.....	1,493.32	83.29
			<i>For Colored Vinyl, Add</i>	132.68	
			<i>For Tinted Glass, Add</i>	159.21	
			<i>For Low-E Insulated Glass, Add</i>	331.69	
			<i>For Obscure Glass, Add</i>	364.86	
<b>08 54 13 00-0080</b>			<b>66" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)</b>		
08 54 13 00-0081	EA		24" x 66", New Construction, Single Hung Fiberglass Window.....	1,232.31	73.77
			<i>For Colored Vinyl, Add</i>	108.48	
			<i>For Tinted Glass, Add</i>	130.17	
			<i>For Low-E Insulated Glass, Add</i>	271.20	
			<i>For Obscure Glass, Add</i>	298.31	
08 54 13 00-0082	EA		28" x 66", New Construction, Single Hung Fiberglass Window.....	1,283.30	76.14
			<i>For Colored Vinyl, Add</i>	113.10	
			<i>For Tinted Glass, Add</i>	135.72	
			<i>For Low-E Insulated Glass, Add</i>	282.75	
			<i>For Obscure Glass, Add</i>	311.03	
08 54 13 00-0083	EA		30" x 66", New Construction, Single Hung Fiberglass Window.....	1,319.91	77.34
			<i>For Colored Vinyl, Add</i>	116.52	
			<i>For Tinted Glass, Add</i>	139.83	
			<i>For Low-E Insulated Glass, Add</i>	291.31	
			<i>For Obscure Glass, Add</i>	320.44	
08 54 13 00-0084	EA		32" x 66", New Construction, Single Hung Fiberglass Window.....	1,342.44	78.53
			<i>For Colored Vinyl, Add</i>	118.54	
			<i>For Tinted Glass, Add</i>	142.25	
			<i>For Low-E Insulated Glass, Add</i>	296.35	
			<i>For Obscure Glass, Add</i>	325.98	
08 54 13 00-0085	EA		36" x 66", New Construction, Single Hung Fiberglass Window.....	1,420.49	80.90
			<i>For Colored Vinyl, Add</i>	125.87	
			<i>For Tinted Glass, Add</i>	151.04	
			<i>For Low-E Insulated Glass, Add</i>	314.67	
			<i>For Obscure Glass, Add</i>	346.14	
08 54 13 00-0086	EA		44" x 66", New Construction, Single Hung Fiberglass Window.....	1,537.27	85.66
			<i>For Colored Vinyl, Add</i>	136.59	
			<i>For Tinted Glass, Add</i>	163.91	
			<i>For Low-E Insulated Glass, Add</i>	341.49	
			<i>For Obscure Glass, Add</i>	375.63	
<b>08 54 13 00-0087</b>			<b>72" Height, New Construction, Single Hung Fiberglass Windows (08 54 13 00-0002)</b>		
08 54 13 00-0088	EA		24" x 72", New Construction, Single Hung Fiberglass Window.....	1,288.29	77.34
			<i>For Colored Vinyl, Add</i>	113.36	
			<i>For Tinted Glass, Add</i>	136.03	
			<i>For Low-E Insulated Glass, Add</i>	283.41	
			<i>For Obscure Glass, Add</i>	311.75	
08 54 13 00-0089	EA		28" x 72", New Construction, Single Hung Fiberglass Window.....	1,339.21	79.72
			<i>For Colored Vinyl, Add</i>	117.98	
			<i>For Tinted Glass, Add</i>	141.57	
			<i>For Low-E Insulated Glass, Add</i>	294.95	
			<i>For Obscure Glass, Add</i>	324.44	
08 54 13 00-0090	EA		30" x 72", New Construction, Single Hung Fiberglass Window.....	1,375.82	80.90
			<i>For Colored Vinyl, Add</i>	121.40	
			<i>For Tinted Glass, Add</i>	145.68	
			<i>For Low-E Insulated Glass, Add</i>	303.50	
			<i>For Obscure Glass, Add</i>	333.85	
08 54 13 00-0091	EA		32" x 72", New Construction, Single Hung Fiberglass Window.....	1,398.42	82.09
			<i>For Colored Vinyl, Add</i>	123.42	
			<i>For Tinted Glass, Add</i>	148.11	
			<i>For Low-E Insulated Glass, Add</i>	308.56	
			<i>For Obscure Glass, Add</i>	339.41	
08 54 13 00-0092	EA		36" x 72", New Construction, Single Hung Fiberglass Window.....	1,476.47	84.48
			<i>For Colored Vinyl, Add</i>	130.75	
			<i>For Tinted Glass, Add</i>	156.90	
			<i>For Low-E Insulated Glass, Add</i>	326.88	
			<i>For Obscure Glass, Add</i>	359.57	
08 54 13 00-0093	EA		44" x 72", New Construction, Single Hung Fiberglass Window.....	1,593.23	89.24
			<i>For Colored Vinyl, Add</i>	141.48	
			<i>For Tinted Glass, Add</i>	169.77	
			<i>For Low-E Insulated Glass, Add</i>	353.69	
			<i>For Obscure Glass, Add</i>	389.06	

**08 54 13 00-0094 Replacement, Single Hung Fiberglass Windows (08 54 13 00-0001)**

Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0095	EA		Up To 73" UI, Replacement, Single Hung Fiberglass Window .....	1,455.33	62.46
			<i>For Colored Vinyl, Add</i>	133.04	
			<i>For Tinted Glass, Add</i>	159.65	
			<i>For Low-E Insulated Glass, Add</i>	332.60	
			<i>For Obscure Glass, Add</i>	365.86	
08 54 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Fiberglass Window .....	1,595.48	68.41
			<i>For Colored Vinyl, Add</i>	145.87	
			<i>For Tinted Glass, Add</i>	175.04	
			<i>For Low-E Insulated Glass, Add</i>	364.67	
			<i>For Obscure Glass, Add</i>	401.13	
08 54 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Fiberglass Window .....	1,722.59	74.36
			<i>For Colored Vinyl, Add</i>	157.39	
			<i>For Tinted Glass, Add</i>	188.86	
			<i>For Low-E Insulated Glass, Add</i>	393.47	
			<i>For Obscure Glass, Add</i>	432.81	
08 54 13 00-0098	EA		>93" To 101" UI, Replacement, Single Hung Fiberglass Window .....	1,804.13	80.31
			<i>For Colored Vinyl, Add</i>	164.35	
			<i>For Tinted Glass, Add</i>	197.22	
			<i>For Low-E Insulated Glass, Add</i>	410.88	
			<i>For Obscure Glass, Add</i>	451.97	
08 54 13 00-0099	EA		>101" To 110" UI, Replacement, Single Hung Fiberglass Window .....	1,890.87	86.26
			<i>For Colored Vinyl, Add</i>	171.84	
			<i>For Tinted Glass, Add</i>	206.20	
			<i>For Low-E Insulated Glass, Add</i>	429.59	
			<i>For Obscure Glass, Add</i>	472.55	
08 54 13 00-0100	EA		>110" To 120" UI, Replacement, Single Hung Fiberglass Window .....	2,059.00	92.21
			<i>For Colored Vinyl, Add</i>	187.46	
			<i>For Tinted Glass, Add</i>	224.95	
			<i>For Low-E Insulated Glass, Add</i>	468.65	
			<i>For Obscure Glass, Add</i>	515.51	
08 54 13 00-0101	UI		>120" UI, Replacement, Single Hung Fiberglass Window .....	17.20	0.77
			<i>For Colored Vinyl, Add</i>	1.57	
			<i>For Tinted Glass, Add</i>	1.88	
			<i>For Low-E Insulated Glass, Add</i>	3.91	
			<i>For Obscure Glass, Add</i>	4.30	
08 54 13 00-0102			<b>Double Hung Fiberglass Windows</b> <small>(08 54 13)</small>		
08 54 13 00-0103			<b>New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0102)</small>		
			Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0104			<b>34" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0105	EA		24" x 34", New Construction, Double Hung Fiberglass Window .....	1,439.34	54.73
			<i>For Colored Vinyl, Add</i>	132.99	
			<i>For Tinted Glass, Add</i>	159.59	
			<i>For Low-E Insulated Glass, Add</i>	332.47	
			<i>For Obscure Glass, Add</i>	365.72	
08 54 13 00-0106	EA		28" x 34", New Construction, Double Hung Fiberglass Window .....	1,490.33	57.11
			<i>For Colored Vinyl, Add</i>	137.61	
			<i>For Tinted Glass, Add</i>	165.13	
			<i>For Low-E Insulated Glass, Add</i>	344.03	
			<i>For Obscure Glass, Add</i>	378.43	
08 54 13 00-0107	EA		30" x 34", New Construction, Double Hung Fiberglass Window .....	1,514.80	58.30
			<i>For Colored Vinyl, Add</i>	139.82	
			<i>For Tinted Glass, Add</i>	167.79	
			<i>For Low-E Insulated Glass, Add</i>	349.55	
			<i>For Obscure Glass, Add</i>	384.51	
08 54 13 00-0108	EA		32" x 34", New Construction, Double Hung Fiberglass Window .....	1,537.41	59.48
			<i>For Colored Vinyl, Add</i>	141.84	
			<i>For Tinted Glass, Add</i>	170.21	
			<i>For Low-E Insulated Glass, Add</i>	354.61	
			<i>For Obscure Glass, Add</i>	390.07	
08 54 13 00-0109	EA		36" x 34", New Construction, Double Hung Fiberglass Window .....	1,594.33	61.87
			<i>For Colored Vinyl, Add</i>	147.06	
			<i>For Tinted Glass, Add</i>	176.47	
			<i>For Low-E Insulated Glass, Add</i>	367.65	
			<i>For Obscure Glass, Add</i>	404.41	
08 54 13 00-0110	EA		44" x 34", New Construction, Double Hung Fiberglass Window .....	1,683.65	66.63
			<i>For Colored Vinyl, Add</i>	155.04	
			<i>For Tinted Glass, Add</i>	186.05	
			<i>For Low-E Insulated Glass, Add</i>	387.60	
			<i>For Obscure Glass, Add</i>	426.36	
08 54 13 00-0111			<b>36" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0112	EA		24" x 36", New Construction, Double Hung Fiberglass Window .....	1,458.02	55.92
			<i>For Colored Vinyl, Add</i>	134.62	
			<i>For Tinted Glass, Add</i>	161.54	
			<i>For Low-E Insulated Glass, Add</i>	336.55	
			<i>For Obscure Glass, Add</i>	370.20	



**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0113	EA		28" x 36", New Construction, Double Hung Fiberglass Window .....	1,509.00	58.30
			<i>For Colored Vinyl, Add</i>	139.24	
			<i>For Tinted Glass, Add</i>	167.09	
			<i>For Low-E Insulated Glass, Add</i>	348.10	
			<i>For Obscure Glass, Add</i>	382.91	
08 54 13 00-0114	EA		30" x 36", New Construction, Double Hung Fiberglass Window .....	1,533.49	59.48
			<i>For Colored Vinyl, Add</i>	141.45	
			<i>For Tinted Glass, Add</i>	169.74	
			<i>For Low-E Insulated Glass, Add</i>	353.63	
			<i>For Obscure Glass, Add</i>	388.99	
08 54 13 00-0115	EA		32" x 36", New Construction, Double Hung Fiberglass Window .....	1,556.01	60.68
			<i>For Colored Vinyl, Add</i>	143.47	
			<i>For Tinted Glass, Add</i>	172.16	
			<i>For Low-E Insulated Glass, Add</i>	358.67	
			<i>For Obscure Glass, Add</i>	394.53	
08 54 13 00-0116	EA		36" x 36", New Construction, Double Hung Fiberglass Window .....	1,613.01	63.06
			<i>For Colored Vinyl, Add</i>	148.69	
			<i>For Tinted Glass, Add</i>	178.43	
			<i>For Low-E Insulated Glass, Add</i>	371.72	
			<i>For Obscure Glass, Add</i>	408.89	
08 54 13 00-0117	EA		44" x 36", New Construction, Double Hung Fiberglass Window .....	1,702.34	67.82
			<i>For Colored Vinyl, Add</i>	156.67	
			<i>For Tinted Glass, Add</i>	188.00	
			<i>For Low-E Insulated Glass, Add</i>	391.68	
			<i>For Obscure Glass, Add</i>	430.84	
<b>08 54 13 00-0118</b>			<b>38" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0119	EA		24" x 38", New Construction, Double Hung Fiberglass Window .....	1,474.29	57.11
			<i>For Colored Vinyl, Add</i>	136.01	
			<i>For Tinted Glass, Add</i>	163.21	
			<i>For Low-E Insulated Glass, Add</i>	340.02	
			<i>For Obscure Glass, Add</i>	374.02	
08 54 13 00-0120	EA		28" x 38", New Construction, Double Hung Fiberglass Window .....	1,525.28	59.48
			<i>For Colored Vinyl, Add</i>	140.63	
			<i>For Tinted Glass, Add</i>	168.76	
			<i>For Low-E Insulated Glass, Add</i>	351.58	
			<i>For Obscure Glass, Add</i>	386.73	
08 54 13 00-0121	EA		30" x 38", New Construction, Double Hung Fiberglass Window .....	1,550.73	60.68
			<i>For Colored Vinyl, Add</i>	142.94	
			<i>For Tinted Glass, Add</i>	171.53	
			<i>For Low-E Insulated Glass, Add</i>	357.35	
			<i>For Obscure Glass, Add</i>	393.08	
08 54 13 00-0122	EA		32" x 38", New Construction, Double Hung Fiberglass Window .....	1,573.27	61.87
			<i>For Colored Vinyl, Add</i>	144.95	
			<i>For Tinted Glass, Add</i>	173.94	
			<i>For Low-E Insulated Glass, Add</i>	362.38	
			<i>For Obscure Glass, Add</i>	398.62	
08 54 13 00-0123	EA		36" x 38", New Construction, Double Hung Fiberglass Window .....	1,631.56	64.25
			<i>For Colored Vinyl, Add</i>	150.31	
			<i>For Tinted Glass, Add</i>	180.37	
			<i>For Low-E Insulated Glass, Add</i>	375.77	
			<i>For Obscure Glass, Add</i>	413.34	
08 54 13 00-0124	EA		44" x 38", New Construction, Double Hung Fiberglass Window .....	1,722.12	69.01
			<i>For Colored Vinyl, Add</i>	158.41	
			<i>For Tinted Glass, Add</i>	190.09	
			<i>For Low-E Insulated Glass, Add</i>	396.03	
			<i>For Obscure Glass, Add</i>	435.63	
<b>08 54 13 00-0125</b>			<b>44" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0126	EA		24" x 44", New Construction, Double Hung Fiberglass Window .....	1,532.08	60.68
			<i>For Colored Vinyl, Add</i>	141.07	
			<i>For Tinted Glass, Add</i>	169.29	
			<i>For Low-E Insulated Glass, Add</i>	352.68	
			<i>For Obscure Glass, Add</i>	387.95	
08 54 13 00-0127	EA		28" x 44", New Construction, Double Hung Fiberglass Window .....	1,583.08	63.06
			<i>For Colored Vinyl, Add</i>	145.70	
			<i>For Tinted Glass, Add</i>	174.84	
			<i>For Low-E Insulated Glass, Add</i>	364.24	
			<i>For Obscure Glass, Add</i>	400.66	
08 54 13 00-0128	EA		30" x 44", New Construction, Double Hung Fiberglass Window .....	1,603.13	64.25
			<i>For Colored Vinyl, Add</i>	147.46	
			<i>For Tinted Glass, Add</i>	176.96	
			<i>For Low-E Insulated Glass, Add</i>	368.66	
			<i>For Obscure Glass, Add</i>	405.52	
08 54 13 00-0129	EA		32" x 44", New Construction, Double Hung Fiberglass Window .....	1,625.72	65.43
			<i>For Colored Vinyl, Add</i>	149.48	
			<i>For Tinted Glass, Add</i>	179.38	
			<i>For Low-E Insulated Glass, Add</i>	373.71	
			<i>For Obscure Glass, Add</i>	411.08	
08 54 13 00-0130	EA		36" x 44", New Construction, Double Hung Fiberglass Window .....	1,686.82	67.82
			<i>For Colored Vinyl, Add</i>	155.12	
			<i>For Tinted Glass, Add</i>	186.14	
			<i>For Low-E Insulated Glass, Add</i>	387.80	
			<i>For Obscure Glass, Add</i>	426.57	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Windows</b>	<b>08 50</b>	
<b>Composite Windows</b>	<b>08 54</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0131	EA		44" x 44", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,783.96 163.88 196.66 409.70 450.67	72.58
<b>08 54 13 00-0132      46" Height, New Construction, Double Hung Fiberglass Windows (08 54 13 00-0103)</b>					
08 54 13 00-0133	EA		24" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,548.30 142.46 170.95 356.14 391.75	61.87
08 54 13 00-0134	EA		28" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,599.22 147.07 176.49 367.68 404.45	64.25
08 54 13 00-0135	EA		30" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,620.77 148.99 178.79 372.47 409.72	65.43
08 54 13 00-0136	EA		32" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,643.29 151.00 181.20 377.51 415.26	66.63
08 54 13 00-0137	EA		36" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,705.36 156.74 188.08 391.84 431.02	69.01
08 54 13 00-0138	EA		44" x 46", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,806.36 165.88 199.06 414.71 456.18	73.77
<b>08 54 13 00-0139      48" Height, New Construction, Double Hung Fiberglass Windows (08 54 13 00-0103)</b>					
08 54 13 00-0140	EA		24" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,564.69 143.86 172.63 359.64 395.61	63.06
08 54 13 00-0141	EA		28" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,615.68 148.48 178.18 371.20 408.32	65.43
08 54 13 00-0142	EA		30" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,638.00 150.48 180.57 376.19 413.81	66.63
08 54 13 00-0143	EA		32" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,660.54 152.49 182.99 381.23 419.35	67.82
08 54 13 00-0144	EA		36" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,723.85 158.35 190.01 395.86 435.45	70.19
08 54 13 00-0145	EA		44" x 48", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,828.30 167.84 201.41 419.60 461.56	74.95
<b>08 54 13 00-0146      50" Height, New Construction, Double Hung Fiberglass Windows (08 54 13 00-0103)</b>					
08 54 13 00-0147	EA		24" x 50", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,580.90 145.24 174.29 363.10 399.41	64.25
08 54 13 00-0148	EA		28" x 50", New Construction, Double Hung Fiberglass Window ..... <i>For Colored Vinyl, Add</i> <i>For Tinted Glass, Add</i> <i>For Low-E Insulated Glass, Add</i> <i>For Obscure Glass, Add</i>	1,631.88 149.86 179.84 374.66 412.12	66.63

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0149	EA		30" x 50", New Construction, Double Hung Fiberglass Window .....	1,655.46	67.82
			<i>For Colored Vinyl, Add</i>	151.98	
			<i>For Tinted Glass, Add</i>	182.38	
			<i>For Low-E Insulated Glass, Add</i>	379.96	
			<i>For Obscure Glass, Add</i>	417.95	
08 54 13 00-0150	EA		32" x 50", New Construction, Double Hung Fiberglass Window .....	1,678.04	69.01
			<i>For Colored Vinyl, Add</i>	154.00	
			<i>For Tinted Glass, Add</i>	184.80	
			<i>For Low-E Insulated Glass, Add</i>	385.01	
			<i>For Obscure Glass, Add</i>	423.51	
08 54 13 00-0151	EA		36" x 50", New Construction, Double Hung Fiberglass Window .....	1,742.40	71.38
			<i>For Colored Vinyl, Add</i>	159.96	
			<i>For Tinted Glass, Add</i>	191.96	
			<i>For Low-E Insulated Glass, Add</i>	399.91	
			<i>For Obscure Glass, Add</i>	439.90	
08 54 13 00-0152	EA		44" x 50", New Construction, Double Hung Fiberglass Window .....	1,850.57	76.14
			<i>For Colored Vinyl, Add</i>	169.83	
			<i>For Tinted Glass, Add</i>	203.79	
			<i>For Low-E Insulated Glass, Add</i>	424.57	
			<i>For Obscure Glass, Add</i>	467.03	
<b>08 54 13 00-0153</b>			<b>52" Height, New Construction, Double Hung Fiberglass Windows</b> (08 54 13 00-0103)		
08 54 13 00-0154	EA		24" x 52", New Construction, Double Hung Fiberglass Window .....	1,597.23	65.43
			<i>For Colored Vinyl, Add</i>	146.64	
			<i>For Tinted Glass, Add</i>	175.96	
			<i>For Low-E Insulated Glass, Add</i>	366.59	
			<i>For Obscure Glass, Add</i>	403.25	
08 54 13 00-0155	EA		28" x 52", New Construction, Double Hung Fiberglass Window .....	1,648.15	67.82
			<i>For Colored Vinyl, Add</i>	151.25	
			<i>For Tinted Glass, Add</i>	181.50	
			<i>For Low-E Insulated Glass, Add</i>	378.13	
			<i>For Obscure Glass, Add</i>	415.94	
08 54 13 00-0156	EA		30" x 52", New Construction, Double Hung Fiberglass Window .....	1,672.69	69.01
			<i>For Colored Vinyl, Add</i>	153.47	
			<i>For Tinted Glass, Add</i>	184.16	
			<i>For Low-E Insulated Glass, Add</i>	383.67	
			<i>For Obscure Glass, Add</i>	422.04	
08 54 13 00-0157	EA		32" x 52", New Construction, Double Hung Fiberglass Window .....	1,695.23	70.19
			<i>For Colored Vinyl, Add</i>	155.48	
			<i>For Tinted Glass, Add</i>	186.58	
			<i>For Low-E Insulated Glass, Add</i>	388.71	
			<i>For Obscure Glass, Add</i>	427.58	
08 54 13 00-0158	EA		36" x 52", New Construction, Double Hung Fiberglass Window .....	1,763.10	72.58
			<i>For Colored Vinyl, Add</i>	161.80	
			<i>For Tinted Glass, Add</i>	194.15	
			<i>For Low-E Insulated Glass, Add</i>	404.49	
			<i>For Obscure Glass, Add</i>	444.94	
08 54 13 00-0159	EA		44" x 52", New Construction, Double Hung Fiberglass Window .....	1,872.38	77.34
			<i>For Colored Vinyl, Add</i>	171.77	
			<i>For Tinted Glass, Add</i>	206.13	
			<i>For Low-E Insulated Glass, Add</i>	429.43	
			<i>For Obscure Glass, Add</i>	472.37	
<b>08 54 13 00-0160</b>			<b>54" Height, New Construction, Double Hung Fiberglass Windows</b> (08 54 13 00-0103)		
08 54 13 00-0161	EA		24" x 54", New Construction, Double Hung Fiberglass Window .....	1,613.62	66.63
			<i>For Colored Vinyl, Add</i>	148.04	
			<i>For Tinted Glass, Add</i>	177.64	
			<i>For Low-E Insulated Glass, Add</i>	370.09	
			<i>For Obscure Glass, Add</i>	407.10	
08 54 13 00-0162	EA		28" x 54", New Construction, Double Hung Fiberglass Window .....	1,664.61	69.01
			<i>For Colored Vinyl, Add</i>	152.66	
			<i>For Tinted Glass, Add</i>	183.19	
			<i>For Low-E Insulated Glass, Add</i>	381.65	
			<i>For Obscure Glass, Add</i>	419.82	
08 54 13 00-0163	EA		30" x 54", New Construction, Double Hung Fiberglass Window .....	1,690.28	70.19
			<i>For Colored Vinyl, Add</i>	154.99	
			<i>For Tinted Glass, Add</i>	185.99	
			<i>For Low-E Insulated Glass, Add</i>	387.47	
			<i>For Obscure Glass, Add</i>	426.22	
08 54 13 00-0164	EA		32" x 54", New Construction, Double Hung Fiberglass Window .....	1,712.86	71.38
			<i>For Colored Vinyl, Add</i>	157.01	
			<i>For Tinted Glass, Add</i>	188.41	
			<i>For Low-E Insulated Glass, Add</i>	392.52	
			<i>For Obscure Glass, Add</i>	431.77	
08 54 13 00-0165	EA		36" x 54", New Construction, Double Hung Fiberglass Window .....	1,783.86	73.77
			<i>For Colored Vinyl, Add</i>	163.63	
			<i>For Tinted Glass, Add</i>	196.36	
			<i>For Low-E Insulated Glass, Add</i>	409.08	
			<i>For Obscure Glass, Add</i>	449.99	
08 54 13 00-0166	EA		44" x 54", New Construction, Double Hung Fiberglass Window .....	1,894.25	78.53
			<i>For Colored Vinyl, Add</i>	173.72	
			<i>For Tinted Glass, Add</i>	208.46	
			<i>For Low-E Insulated Glass, Add</i>	434.30	
			<i>For Obscure Glass, Add</i>	477.73	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 54 13 00-0167    60" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0168    EA    24" x 60", New Construction, Double Hung Fiberglass Window .....	1,662.82	70.19
For Colored Vinyl, Add	152.24	
For Tinted Glass, Add	182.69	
For Low-E Insulated Glass, Add	380.61	
For Obscure Glass, Add	418.67	
08 54 13 00-0169    EA    28" x 60", New Construction, Double Hung Fiberglass Window .....	1,713.80	72.58
For Colored Vinyl, Add	156.87	
For Tinted Glass, Add	188.24	
For Low-E Insulated Glass, Add	392.16	
For Obscure Glass, Add	431.38	
08 54 13 00-0170    EA    30" x 60", New Construction, Double Hung Fiberglass Window .....	1,747.16	73.77
For Colored Vinyl, Add	159.96	
For Tinted Glass, Add	191.96	
For Low-E Insulated Glass, Add	399.91	
For Obscure Glass, Add	439.90	
08 54 13 00-0171    EA    32" x 60", New Construction, Double Hung Fiberglass Window .....	1,769.68	74.95
For Colored Vinyl, Add	161.98	
For Tinted Glass, Add	194.37	
For Low-E Insulated Glass, Add	404.94	
For Obscure Glass, Add	445.44	
08 54 13 00-0172    EA    36" x 60", New Construction, Double Hung Fiberglass Window .....	1,845.71	77.34
For Colored Vinyl, Add	169.10	
For Tinted Glass, Add	202.92	
For Low-E Insulated Glass, Add	422.76	
For Obscure Glass, Add	465.04	
08 54 13 00-0173    EA    44" x 60", New Construction, Double Hung Fiberglass Window .....	1,960.27	82.09
For Colored Vinyl, Add	179.61	
For Tinted Glass, Add	215.53	
For Low-E Insulated Glass, Add	449.02	
For Obscure Glass, Add	493.92	
<b>08 54 13 00-0174    62" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0175    EA    24" x 62", New Construction, Double Hung Fiberglass Window .....	1,679.15	71.38
For Colored Vinyl, Add	153.64	
For Tinted Glass, Add	184.37	
For Low-E Insulated Glass, Add	384.10	
For Obscure Glass, Add	422.50	
08 54 13 00-0176    EA    28" x 62", New Construction, Double Hung Fiberglass Window .....	1,730.07	73.77
For Colored Vinyl, Add	158.25	
For Tinted Glass, Add	189.90	
For Low-E Insulated Glass, Add	395.64	
For Obscure Glass, Add	435.20	
08 54 13 00-0177    EA    30" x 62", New Construction, Double Hung Fiberglass Window .....	1,766.62	74.95
For Colored Vinyl, Add	161.67	
For Tinted Glass, Add	194.01	
For Low-E Insulated Glass, Add	404.18	
For Obscure Glass, Add	444.60	
08 54 13 00-0178    EA    32" x 62", New Construction, Double Hung Fiberglass Window .....	1,789.15	76.14
For Colored Vinyl, Add	163.69	
For Tinted Glass, Add	196.42	
For Low-E Insulated Glass, Add	409.22	
For Obscure Glass, Add	450.14	
08 54 13 00-0179    EA    36" x 62", New Construction, Double Hung Fiberglass Window .....	1,866.15	78.53
For Colored Vinyl, Add	170.91	
For Tinted Glass, Add	205.09	
For Low-E Insulated Glass, Add	427.28	
For Obscure Glass, Add	470.00	
08 54 13 00-0180    EA    44" x 62", New Construction, Double Hung Fiberglass Window .....	1,984.76	83.29
For Colored Vinyl, Add	181.82	
For Tinted Glass, Add	218.18	
For Low-E Insulated Glass, Add	454.55	
For Obscure Glass, Add	500.00	
<b>08 54 13 00-0181    66" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0182    EA    24" x 66", New Construction, Double Hung Fiberglass Window .....	1,716.44	73.77
For Colored Vinyl, Add	156.89	
For Tinted Glass, Add	188.27	
For Low-E Insulated Glass, Add	392.23	
For Obscure Glass, Add	431.45	
08 54 13 00-0183    EA    28" x 66", New Construction, Double Hung Fiberglass Window .....	1,767.43	76.14
For Colored Vinyl, Add	161.51	
For Tinted Glass, Add	193.82	
For Low-E Insulated Glass, Add	403.79	
For Obscure Glass, Add	444.16	
08 54 13 00-0184    EA    30" x 66", New Construction, Double Hung Fiberglass Window .....	1,805.61	77.34
For Colored Vinyl, Add	165.09	
For Tinted Glass, Add	198.11	
For Low-E Insulated Glass, Add	412.74	
For Obscure Glass, Add	454.01	

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0185	EA		32" x 66", New Construction, Double Hung Fiberglass Window .....	1,828.14	78.53
			<i>For Colored Vinyl, Add</i>	167.11	
			<i>For Tinted Glass, Add</i>	200.53	
			<i>For Low-E Insulated Glass, Add</i>	417.77	
			<i>For Obscure Glass, Add</i>	459.55	
08 54 13 00-0186	EA		36" x 66", New Construction, Double Hung Fiberglass Window .....	1,907.62	80.90
			<i>For Colored Vinyl, Add</i>	174.58	
			<i>For Tinted Glass, Add</i>	209.50	
			<i>For Low-E Insulated Glass, Add</i>	436.45	
			<i>For Obscure Glass, Add</i>	480.10	
08 54 13 00-0187	EA		44" x 66", New Construction, Double Hung Fiberglass Window .....	2,031.70	85.66
			<i>For Colored Vinyl, Add</i>	186.04	
			<i>For Tinted Glass, Add</i>	223.24	
			<i>For Low-E Insulated Glass, Add</i>	465.09	
			<i>For Obscure Glass, Add</i>	511.60	
<b>08 54 13 00-0188</b>			<b>72" Height, New Construction, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0103)</small>		
08 54 13 00-0189	EA		24" x 72", New Construction, Double Hung Fiberglass Window .....	1,772.42	77.34
			<i>For Colored Vinyl, Add</i>	161.78	
			<i>For Tinted Glass, Add</i>	194.13	
			<i>For Low-E Insulated Glass, Add</i>	404.44	
			<i>For Obscure Glass, Add</i>	444.88	
08 54 13 00-0190	EA		28" x 72", New Construction, Double Hung Fiberglass Window .....	1,823.35	79.72
			<i>For Colored Vinyl, Add</i>	166.39	
			<i>For Tinted Glass, Add</i>	199.67	
			<i>For Low-E Insulated Glass, Add</i>	415.98	
			<i>For Obscure Glass, Add</i>	457.58	
08 54 13 00-0191	EA		30" x 72", New Construction, Double Hung Fiberglass Window .....	1,861.52	80.90
			<i>For Colored Vinyl, Add</i>	169.97	
			<i>For Tinted Glass, Add</i>	203.97	
			<i>For Low-E Insulated Glass, Add</i>	424.93	
			<i>For Obscure Glass, Add</i>	467.42	
08 54 13 00-0192	EA		32" x 72", New Construction, Double Hung Fiberglass Window .....	1,884.11	82.09
			<i>For Colored Vinyl, Add</i>	171.99	
			<i>For Tinted Glass, Add</i>	206.39	
			<i>For Low-E Insulated Glass, Add</i>	429.98	
			<i>For Obscure Glass, Add</i>	472.98	
08 54 13 00-0193	EA		36" x 72", New Construction, Double Hung Fiberglass Window .....	1,963.60	84.48
			<i>For Colored Vinyl, Add</i>	179.47	
			<i>For Tinted Glass, Add</i>	215.36	
			<i>For Low-E Insulated Glass, Add</i>	448.66	
			<i>For Obscure Glass, Add</i>	493.53	
08 54 13 00-0194	EA		44" x 72", New Construction, Double Hung Fiberglass Window .....	2,087.67	89.24
			<i>For Colored Vinyl, Add</i>	190.92	
			<i>For Tinted Glass, Add</i>	229.11	
			<i>For Low-E Insulated Glass, Add</i>	477.30	
			<i>For Obscure Glass, Add</i>	525.03	
<b>08 54 13 00-0195</b>			<b>Replacement, Double Hung Fiberglass Windows</b> <small>(08 54 13 00-0102)</small>		
			Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0196	EA		Up To 73" UI, Replacement, Double Hung Fiberglass Window .....	1,787.93	62.46
			<i>For Colored Vinyl, Add</i>	166.30	
			<i>For Tinted Glass, Add</i>	199.56	
			<i>For Low-E Insulated Glass, Add</i>	415.75	
			<i>For Obscure Glass, Add</i>	457.33	
08 54 13 00-0197	EA		>73" To 83" UI, Replacement, Double Hung Fiberglass Window .....	1,973.65	68.41
			<i>For Colored Vinyl, Add</i>	183.68	
			<i>For Tinted Glass, Add</i>	220.42	
			<i>For Low-E Insulated Glass, Add</i>	459.21	
			<i>For Obscure Glass, Add</i>	505.13	
08 54 13 00-0198	EA		>83" To 93" UI, Replacement, Double Hung Fiberglass Window .....	2,146.28	74.36
			<i>For Colored Vinyl, Add</i>	199.76	
			<i>For Tinted Glass, Add</i>	239.71	
			<i>For Low-E Insulated Glass, Add</i>	499.39	
			<i>For Obscure Glass, Add</i>	549.33	
08 54 13 00-0199	EA		>93" To 101" UI, Replacement, Double Hung Fiberglass Window .....	2,264.26	80.31
			<i>For Colored Vinyl, Add</i>	210.36	
			<i>For Tinted Glass, Add</i>	252.44	
			<i>For Low-E Insulated Glass, Add</i>	525.91	
			<i>For Obscure Glass, Add</i>	578.50	
08 54 13 00-0200	EA		>101" To 110" UI, Replacement, Double Hung Fiberglass Window .....	2,392.02	86.26
			<i>For Colored Vinyl, Add</i>	221.95	
			<i>For Tinted Glass, Add</i>	266.34	
			<i>For Low-E Insulated Glass, Add</i>	554.88	
			<i>For Obscure Glass, Add</i>	610.37	
08 54 13 00-0201	EA		>110" To 120" UI, Replacement, Double Hung Fiberglass Window .....	2,605.72	92.21
			<i>For Colored Vinyl, Add</i>	242.13	
			<i>For Tinted Glass, Add</i>	290.56	
			<i>For Low-E Insulated Glass, Add</i>	605.33	
			<i>For Obscure Glass, Add</i>	665.86	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0202 UI >120" UI, Replacement, Double Hung Fiberglass Window.....	21.70	0.77
For Colored Vinyl, Add	2.02	
For Tinted Glass, Add	2.42	
For Low-E Insulated Glass, Add	5.04	
For Obscure Glass, Add	5.54	
<b>08 54 13 00-0203 Casement Fiberglass Windows (08 54 13)</b>		
<b>08 54 13 00-0204 New Construction, Casement Fiberglass Windows (08 54 13 00-0203)</b>		
Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
<b>08 54 13 00-0205 One Operating Sash, New Construction, Casement Fiberglass Windows (08 54 13 00-0204)</b>		
<b>08 54 13 00-0206 24" Height, One Operating Sash, New Construction, Casement Fiberglass Windows (08 54 13 00-0205)</b>		
08 54 13 00-0207 EA 17" x 24", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,342.31	45.21
For Colored Vinyl, Add	125.31	
For Tinted Glass, Add	150.37	
For Low-E Insulated Glass, Add	313.27	
For Obscure Glass, Add	344.59	
08 54 13 00-0208 EA 20" x 24", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,388.19	46.40
For Colored Vinyl, Add	129.54	
For Tinted Glass, Add	155.45	
For Low-E Insulated Glass, Add	323.85	
For Obscure Glass, Add	356.23	
08 54 13 00-0209 EA 24" x 24", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,435.26	48.79
For Colored Vinyl, Add	133.77	
For Tinted Glass, Add	160.52	
For Low-E Insulated Glass, Add	334.43	
For Obscure Glass, Add	367.87	
08 54 13 00-0210 EA 28" x 24", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,528.96	51.16
For Colored Vinyl, Add	142.66	
For Tinted Glass, Add	171.20	
For Low-E Insulated Glass, Add	356.66	
For Obscure Glass, Add	392.33	
<b>08 54 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Fiberglass Windows (08 54 13 00-0205)</b>		
08 54 13 00-0212 EA 17" x 28", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,425.83	47.59
For Colored Vinyl, Add	133.18	
For Tinted Glass, Add	159.82	
For Low-E Insulated Glass, Add	332.96	
For Obscure Glass, Add	366.26	
08 54 13 00-0213 EA 20" x 28", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,476.54	48.79
For Colored Vinyl, Add	137.90	
For Tinted Glass, Add	165.48	
For Low-E Insulated Glass, Add	344.75	
For Obscure Glass, Add	379.22	
08 54 13 00-0214 EA 24" x 28", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,528.31	51.16
For Colored Vinyl, Add	142.60	
For Tinted Glass, Add	171.12	
For Low-E Insulated Glass, Add	356.50	
For Obscure Glass, Add	392.15	
08 54 13 00-0215 EA 28" x 28", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,627.68	53.54
For Colored Vinyl, Add	152.06	
For Tinted Glass, Add	182.47	
For Low-E Insulated Glass, Add	380.15	
For Obscure Glass, Add	418.17	
<b>08 54 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Fiberglass Windows (08 54 13 00-0205)</b>		
08 54 13 00-0217 EA 17" x 36", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,518.79	51.16
For Colored Vinyl, Add	141.65	
For Tinted Glass, Add	169.98	
For Low-E Insulated Glass, Add	354.12	
For Obscure Glass, Add	389.53	
08 54 13 00-0218 EA 20" x 36", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,571.85	53.54
For Colored Vinyl, Add	146.60	
For Tinted Glass, Add	175.92	
For Low-E Insulated Glass, Add	366.49	
For Obscure Glass, Add	403.14	
08 54 13 00-0219 EA 24" x 36", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,626.16	55.33
For Colored Vinyl, Add	151.55	
For Tinted Glass, Add	181.86	
For Low-E Insulated Glass, Add	378.88	
For Obscure Glass, Add	416.77	
08 54 13 00-0220 EA 28" x 36", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,730.16	57.70
For Colored Vinyl, Add	161.48	
For Tinted Glass, Add	193.77	
For Low-E Insulated Glass, Add	403.69	
For Obscure Glass, Add	444.06	



**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0221			<b>40" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0205)</small>		
08 54 13 00-0222	EA		17" x 40", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,606.37	54.73
			<i>For Colored Vinyl, Add</i> .....	149.81	
			<i>For Tinted Glass, Add</i> .....	179.77	
			<i>For Low-E Insulated Glass, Add</i> .....	374.53	
			<i>For Obscure Glass, Add</i> .....	411.98	
08 54 13 00-0223	EA		20" x 40", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,662.76	55.92
			<i>For Colored Vinyl, Add</i> .....	155.09	
			<i>For Tinted Glass, Add</i> .....	186.11	
			<i>For Low-E Insulated Glass, Add</i> .....	387.73	
			<i>For Obscure Glass, Add</i> .....	426.50	
08 54 13 00-0224	EA		24" x 40", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,720.39	58.30
			<i>For Colored Vinyl, Add</i> .....	160.38	
			<i>For Tinted Glass, Add</i> .....	192.46	
			<i>For Low-E Insulated Glass, Add</i> .....	400.95	
			<i>For Obscure Glass, Add</i> .....	441.05	
08 54 13 00-0225	EA		28" x 40", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,833.71	60.68
			<i>For Colored Vinyl, Add</i> .....	171.24	
			<i>For Tinted Glass, Add</i> .....	205.48	
			<i>For Low-E Insulated Glass, Add</i> .....	428.09	
			<i>For Obscure Glass, Add</i> .....	470.90	
08 54 13 00-0226			<b>48" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0205)</small>		
08 54 13 00-0227	EA		17" x 48", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,698.31	59.48
			<i>For Colored Vinyl, Add</i> .....	158.05	
			<i>For Tinted Glass, Add</i> .....	189.66	
			<i>For Low-E Insulated Glass, Add</i> .....	395.13	
			<i>For Obscure Glass, Add</i> .....	434.64	
08 54 13 00-0228	EA		20" x 48", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,757.55	60.68
			<i>For Colored Vinyl, Add</i> .....	163.62	
			<i>For Tinted Glass, Add</i> .....	196.34	
			<i>For Low-E Insulated Glass, Add</i> .....	409.05	
			<i>For Obscure Glass, Add</i> .....	449.96	
08 54 13 00-0229	EA		24" x 48", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,818.20	63.06
			<i>For Colored Vinyl, Add</i> .....	169.21	
			<i>For Tinted Glass, Add</i> .....	203.05	
			<i>For Low-E Insulated Glass, Add</i> .....	423.02	
			<i>For Obscure Glass, Add</i> .....	465.32	
08 54 13 00-0230	EA		28" x 48", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,943.85	65.43
			<i>For Colored Vinyl, Add</i> .....	181.30	
			<i>For Tinted Glass, Add</i> .....	217.56	
			<i>For Low-E Insulated Glass, Add</i> .....	453.24	
			<i>For Obscure Glass, Add</i> .....	498.57	
08 54 13 00-0231			<b>52" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0205)</small>		
08 54 13 00-0232	EA		17" x 52", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,785.02	61.87
			<i>For Colored Vinyl, Add</i> .....	166.25	
			<i>For Tinted Glass, Add</i> .....	199.50	
			<i>For Low-E Insulated Glass, Add</i> .....	415.62	
			<i>For Obscure Glass, Add</i> .....	457.18	
08 54 13 00-0233	EA		20" x 52", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,848.26	63.06
			<i>For Colored Vinyl, Add</i> .....	172.21	
			<i>For Tinted Glass, Add</i> .....	206.66	
			<i>For Low-E Insulated Glass, Add</i> .....	430.54	
			<i>For Obscure Glass, Add</i> .....	473.59	
08 54 13 00-0234	EA		24" x 52", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,912.49	65.43
			<i>For Colored Vinyl, Add</i> .....	178.16	
			<i>For Tinted Glass, Add</i> .....	213.79	
			<i>For Low-E Insulated Glass, Add</i> .....	445.40	
			<i>For Obscure Glass, Add</i> .....	489.94	
08 54 13 00-0235	EA		28" x 52", One Operating Sash, New Construction, Casement Fiberglass Window .....	2,040.55	67.82
			<i>For Colored Vinyl, Add</i> .....	190.49	
			<i>For Tinted Glass, Add</i> .....	228.59	
			<i>For Low-E Insulated Glass, Add</i> .....	476.23	
			<i>For Obscure Glass, Add</i> .....	523.85	
08 54 13 00-0236			<b>60" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0205)</small>		
08 54 13 00-0237	EA		17" x 60", One Operating Sash, New Construction, Casement Fiberglass Window .....	1,875.39	65.43
			<i>For Colored Vinyl, Add</i> .....	174.45	
			<i>For Tinted Glass, Add</i> .....	209.34	
			<i>For Low-E Insulated Glass, Add</i> .....	436.13	
			<i>For Obscure Glass, Add</i> .....	479.74	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0238	EA		20" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	1,942.33	67.82
			<i>For Colored Vinyl, Add</i>	180.79	
			<i>For Tinted Glass, Add</i>	216.95	
			<i>For Low-E Insulated Glass, Add</i>	451.97	
			<i>For Obscure Glass, Add</i>	497.17	
08 54 13 00-0239	EA		24" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,010.53	69.60
			<i>For Colored Vinyl, Add</i>	187.13	
			<i>For Tinted Glass, Add</i>	224.56	
			<i>For Low-E Insulated Glass, Add</i>	467.83	
			<i>For Obscure Glass, Add</i>	514.62	
08 54 13 00-0240	EA		28" x 60", One Operating Sash, New Construction, Casement Fiberglass Window	2,140.74	71.99
			<i>For Colored Vinyl, Add</i>	199.68	
			<i>For Tinted Glass, Add</i>	239.61	
			<i>For Low-E Insulated Glass, Add</i>	499.20	
			<i>For Obscure Glass, Add</i>	549.11	
<b>08 54 13 00-0241</b>			<b>64" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b>		
			<small>(08 54 13 00-0205)</small>		
08 54 13 00-0242	EA		17" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	1,961.40	69.01
			<i>For Colored Vinyl, Add</i>	182.46	
			<i>For Tinted Glass, Add</i>	218.95	
			<i>For Low-E Insulated Glass, Add</i>	456.15	
			<i>For Obscure Glass, Add</i>	501.76	
08 54 13 00-0243	EA		20" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,030.31	70.19
			<i>For Colored Vinyl, Add</i>	188.99	
			<i>For Tinted Glass, Add</i>	226.79	
			<i>For Low-E Insulated Glass, Add</i>	472.48	
			<i>For Obscure Glass, Add</i>	519.73	
08 54 13 00-0244	EA		24" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,103.65	72.58
			<i>For Colored Vinyl, Add</i>	195.85	
			<i>For Tinted Glass, Add</i>	235.02	
			<i>For Low-E Insulated Glass, Add</i>	489.63	
			<i>For Obscure Glass, Add</i>	538.59	
08 54 13 00-0245	EA		28" x 64", One Operating Sash, New Construction, Casement Fiberglass Window	2,230.67	74.95
			<i>For Colored Vinyl, Add</i>	208.08	
			<i>For Tinted Glass, Add</i>	249.69	
			<i>For Low-E Insulated Glass, Add</i>	520.19	
			<i>For Obscure Glass, Add</i>	572.21	
<b>08 54 13 00-0246</b>			<b>72" Height, One Operating Sash, New Construction, Casement Fiberglass Windows</b>		
			<small>(08 54 13 00-0205)</small>		
08 54 13 00-0247	EA		17" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,064.34	72.58
			<i>For Colored Vinyl, Add</i>	191.92	
			<i>For Tinted Glass, Add</i>	230.30	
			<i>For Low-E Insulated Glass, Add</i>	479.80	
			<i>For Obscure Glass, Add</i>	527.78	
08 54 13 00-0248	EA		20" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,137.35	74.95
			<i>For Colored Vinyl, Add</i>	198.86	
			<i>For Tinted Glass, Add</i>	238.64	
			<i>For Low-E Insulated Glass, Add</i>	497.16	
			<i>For Obscure Glass, Add</i>	546.87	
08 54 13 00-0249	EA		24" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,207.05	76.74
			<i>For Colored Vinyl, Add</i>	205.36	
			<i>For Tinted Glass, Add</i>	246.43	
			<i>For Low-E Insulated Glass, Add</i>	513.39	
			<i>For Obscure Glass, Add</i>	564.73	
08 54 13 00-0250	EA		28" x 72", One Operating Sash, New Construction, Casement Fiberglass Window	2,332.37	79.12
			<i>For Colored Vinyl, Add</i>	217.41	
			<i>For Tinted Glass, Add</i>	260.90	
			<i>For Low-E Insulated Glass, Add</i>	543.53	
			<i>For Obscure Glass, Add</i>	597.89	
<b>08 54 13 00-0251</b>			<b>Two Operating Sashes, New Construction, Casement Fiberglass Windows</b>		
			<small>(08 54 13 00-0204)</small>		
<b>08 54 13 00-0252</b>			<b>36" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b>		
			<small>(08 54 13 00-0251)</small>		
08 54 13 00-0253	EA		33" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	2,841.95	60.68
			<i>For Colored Vinyl, Add</i>	272.06	
			<i>For Tinted Glass, Add</i>	326.47	
			<i>For Low-E Insulated Glass, Add</i>	680.15	
			<i>For Obscure Glass, Add</i>	748.17	
08 54 13 00-0254	EA		40" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	2,935.70	65.43
			<i>For Colored Vinyl, Add</i>	280.60	
			<i>For Tinted Glass, Add</i>	336.72	
			<i>For Low-E Insulated Glass, Add</i>	701.50	
			<i>For Obscure Glass, Add</i>	771.65	
08 54 13 00-0255	EA		48" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,030.69	70.19
			<i>For Colored Vinyl, Add</i>	289.15	
			<i>For Tinted Glass, Add</i>	346.98	
			<i>For Low-E Insulated Glass, Add</i>	722.87	
			<i>For Obscure Glass, Add</i>	795.16	

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0256	EA		56" x 36", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,141.67	74.36
			<i>For Colored Vinyl, Add</i>	299.30	
			<i>For Tinted Glass, Add</i>	359.15	
			<i>For Low-E Insulated Glass, Add</i>	748.24	
			<i>For Obscure Glass, Add</i>	823.06	
<b>08 54 13 00-0257</b>			<b>40" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		
08 54 13 00-0258	EA		33" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,012.40	63.65
			<i>For Colored Vinyl, Add</i>	288.51	
			<i>For Tinted Glass, Add</i>	346.21	
			<i>For Low-E Insulated Glass, Add</i>	721.28	
			<i>For Obscure Glass, Add</i>	793.40	
08 54 13 00-0259	EA		40" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,113.20	67.82
			<i>For Colored Vinyl, Add</i>	297.76	
			<i>For Tinted Glass, Add</i>	357.31	
			<i>For Low-E Insulated Glass, Add</i>	744.39	
			<i>For Obscure Glass, Add</i>	818.83	
08 54 13 00-0260	EA		48" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,215.23	72.58
			<i>For Colored Vinyl, Add</i>	307.01	
			<i>For Tinted Glass, Add</i>	368.41	
			<i>For Low-E Insulated Glass, Add</i>	767.52	
			<i>For Obscure Glass, Add</i>	844.27	
08 54 13 00-0261	EA		56" x 40", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,321.91	77.34
			<i>For Colored Vinyl, Add</i>	316.72	
			<i>For Tinted Glass, Add</i>	380.07	
			<i>For Low-E Insulated Glass, Add</i>	791.81	
			<i>For Obscure Glass, Add</i>	870.99	
<b>08 54 13 00-0262</b>			<b>48" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		
08 54 13 00-0263	EA		33" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,189.75	68.41
			<i>For Colored Vinyl, Add</i>	305.29	
			<i>For Tinted Glass, Add</i>	366.35	
			<i>For Low-E Insulated Glass, Add</i>	763.23	
			<i>For Obscure Glass, Add</i>	839.56	
08 54 13 00-0264	EA		40" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,295.56	72.58
			<i>For Colored Vinyl, Add</i>	315.04	
			<i>For Tinted Glass, Add</i>	378.05	
			<i>For Low-E Insulated Glass, Add</i>	787.60	
			<i>For Obscure Glass, Add</i>	866.36	
08 54 13 00-0265	EA		48" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,402.76	77.34
			<i>For Colored Vinyl, Add</i>	324.81	
			<i>For Tinted Glass, Add</i>	389.77	
			<i>For Low-E Insulated Glass, Add</i>	812.02	
			<i>For Obscure Glass, Add</i>	893.22	
08 54 13 00-0266	EA		56" x 48", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,521.23	82.09
			<i>For Colored Vinyl, Add</i>	335.70	
			<i>For Tinted Glass, Add</i>	402.84	
			<i>For Low-E Insulated Glass, Add</i>	839.26	
			<i>For Obscure Glass, Add</i>	923.19	
<b>08 54 13 00-0267</b>			<b>52" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		
08 54 13 00-0268	EA		33" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,361.89	70.79
			<i>For Colored Vinyl, Add</i>	322.03	
			<i>For Tinted Glass, Add</i>	386.44	
			<i>For Low-E Insulated Glass, Add</i>	805.08	
			<i>For Obscure Glass, Add</i>	885.59	
08 54 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,474.55	74.95
			<i>For Colored Vinyl, Add</i>	332.46	
			<i>For Tinted Glass, Add</i>	398.96	
			<i>For Low-E Insulated Glass, Add</i>	831.16	
			<i>For Obscure Glass, Add</i>	914.28	
08 54 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,588.33	79.72
			<i>For Colored Vinyl, Add</i>	342.89	
			<i>For Tinted Glass, Add</i>	411.47	
			<i>For Low-E Insulated Glass, Add</i>	857.23	
			<i>For Obscure Glass, Add</i>	942.95	
08 54 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Fiberglass Window.....	3,709.15	84.48
			<i>For Colored Vinyl, Add</i>	354.02	
			<i>For Tinted Glass, Add</i>	424.82	
			<i>For Low-E Insulated Glass, Add</i>	885.05	
			<i>For Obscure Glass, Add</i>	973.56	
<b>08 54 13 00-0272</b>			<b>60" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,537.66	74.95
			<i>For Colored Vinyl, Add</i>	338.78	
			<i>For Tinted Glass, Add</i>	406.53	
			<i>For Low-E Insulated Glass, Add</i>	846.94	
			<i>For Obscure Glass, Add</i>	931.63	
08 54 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,657.03	79.72
			<i>For Colored Vinyl, Add</i>	349.88	
			<i>For Tinted Glass, Add</i>	419.85	
			<i>For Low-E Insulated Glass, Add</i>	874.70	
			<i>For Obscure Glass, Add</i>	962.17	
08 54 13 00-0275	EA		48" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,777.45	84.48
			<i>For Colored Vinyl, Add</i>	360.97	
			<i>For Tinted Glass, Add</i>	433.16	
			<i>For Low-E Insulated Glass, Add</i>	902.43	
			<i>For Obscure Glass, Add</i>	992.67	
08 54 13 00-0276	EA		56" x 60", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,900.50	88.64
			<i>For Colored Vinyl, Add</i>	372.32	
			<i>For Tinted Glass, Add</i>	446.79	
			<i>For Low-E Insulated Glass, Add</i>	930.81	
			<i>For Obscure Glass, Add</i>	1,023.89	
<b>08 54 13 00-0277</b>			<b>64" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		
08 54 13 00-0278	EA		33" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,716.47	77.93
			<i>For Colored Vinyl, Add</i>	356.06	
			<i>For Tinted Glass, Add</i>	427.27	
			<i>For Low-E Insulated Glass, Add</i>	890.15	
			<i>For Obscure Glass, Add</i>	979.17	
08 54 13 00-0279	EA		40" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,835.84	82.09
			<i>For Colored Vinyl, Add</i>	367.17	
			<i>For Tinted Glass, Add</i>	440.60	
			<i>For Low-E Insulated Glass, Add</i>	917.91	
			<i>For Obscure Glass, Add</i>	1,009.70	
08 54 13 00-0280	EA		48" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,955.73	86.85
			<i>For Colored Vinyl, Add</i>	378.20	
			<i>For Tinted Glass, Add</i>	453.84	
			<i>For Low-E Insulated Glass, Add</i>	945.51	
			<i>For Obscure Glass, Add</i>	1,040.06	
08 54 13 00-0281	EA		56" x 64", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,079.29	91.61
			<i>For Colored Vinyl, Add</i>	389.61	
			<i>For Tinted Glass, Add</i>	467.53	
			<i>For Low-E Insulated Glass, Add</i>	974.02	
			<i>For Obscure Glass, Add</i>	1,071.42	
<b>08 54 13 00-0282</b>			<b>72" Height, Two Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0251)</small>		
08 54 13 00-0283	EA		33" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	3,908.86	82.09
			<i>For Colored Vinyl, Add</i>	374.47	
			<i>For Tinted Glass, Add</i>	449.36	
			<i>For Low-E Insulated Glass, Add</i>	936.17	
			<i>For Obscure Glass, Add</i>	1,029.78	
08 54 13 00-0284	EA		40" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,028.22	86.85
			<i>For Colored Vinyl, Add</i>	385.57	
			<i>For Tinted Glass, Add</i>	462.69	
			<i>For Low-E Insulated Glass, Add</i>	963.93	
			<i>For Obscure Glass, Add</i>	1,060.32	
08 54 13 00-0285	EA		48" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,148.79	91.61
			<i>For Colored Vinyl, Add</i>	396.68	
			<i>For Tinted Glass, Add</i>	476.01	
			<i>For Low-E Insulated Glass, Add</i>	991.69	
			<i>For Obscure Glass, Add</i>	1,090.86	
08 54 13 00-0286	EA		56" x 72", Two Operating Sashes, New Construction, Casement Fiberglass Window	4,271.83	95.78
			<i>For Colored Vinyl, Add</i>	408.03	
			<i>For Tinted Glass, Add</i>	489.63	
			<i>For Low-E Insulated Glass, Add</i>	1,020.07	
			<i>For Obscure Glass, Add</i>	1,122.07	
<b>08 54 13 00-0287</b>			<b>Three Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0204)</small>		
<b>08 54 13 00-0288</b>			<b>36" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0287)</small>		
08 54 13 00-0289	EA		62" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window	3,495.41	77.34
			<i>For Colored Vinyl, Add</i>	334.07	
			<i>For Tinted Glass, Add</i>	400.89	
			<i>For Low-E Insulated Glass, Add</i>	835.19	
			<i>For Obscure Glass, Add</i>	918.70	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 54</b>	<b>Composite Windows</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 54 13 00-0290	EA 72" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	3,648.02	83.29
	For Colored Vinyl, Add	348.15	
	For Tinted Glass, Add	417.77	
	For Low-E Insulated Glass, Add	870.36	
	For Obscure Glass, Add	957.40	
08 54 13 00-0291	EA 86" x 36", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	3,930.65	92.21
	For Colored Vinyl, Add	374.62	
	For Tinted Glass, Add	449.55	
	For Low-E Insulated Glass, Add	936.56	
	For Obscure Glass, Add	1,030.22	
<b>08 54 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows (08 54 13 00-0287)</b>			
08 54 13 00-0293	EA 62" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	3,736.09	80.90
	For Colored Vinyl, Add	357.55	
	For Tinted Glass, Add	429.06	
	For Low-E Insulated Glass, Add	893.87	
	For Obscure Glass, Add	983.25	
08 54 13 00-0294	EA 72" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	3,890.12	86.26
	For Colored Vinyl, Add	371.76	
	For Tinted Glass, Add	446.11	
	For Low-E Insulated Glass, Add	929.40	
	For Obscure Glass, Add	1,022.34	
08 54 13 00-0295	EA 86" x 40", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,191.74	95.19
	For Colored Vinyl, Add	400.14	
	For Tinted Glass, Add	480.17	
	For Low-E Insulated Glass, Add	1,000.35	
	For Obscure Glass, Add	1,100.38	
<b>08 54 13 00-0296 48" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows (08 54 13 00-0287)</b>			
08 54 13 00-0297	EA 62" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	3,947.89	85.66
	For Colored Vinyl, Add	377.66	
	For Tinted Glass, Add	453.19	
	For Low-E Insulated Glass, Add	944.14	
	For Obscure Glass, Add	1,038.55	
08 54 13 00-0298	EA 72" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,139.21	91.02
	For Colored Vinyl, Add	395.72	
	For Tinted Glass, Add	474.86	
	For Low-E Insulated Glass, Add	989.29	
	For Obscure Glass, Add	1,088.22	
08 54 13 00-0299	EA 86" x 48", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,457.11	99.95
	For Colored Vinyl, Add	425.72	
	For Tinted Glass, Add	510.87	
	For Low-E Insulated Glass, Add	1,064.31	
	For Obscure Glass, Add	1,170.74	
<b>08 54 13 00-0300 52" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows (08 54 13 00-0287)</b>			
08 54 13 00-0301	EA 62" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,179.29	88.04
	For Colored Vinyl, Add	400.32	
	For Tinted Glass, Add	480.38	
	For Low-E Insulated Glass, Add	1,000.80	
	For Obscure Glass, Add	1,100.88	
08 54 13 00-0302	EA 72" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,381.64	93.99
	For Colored Vinyl, Add	419.37	
	For Tinted Glass, Add	503.24	
	For Low-E Insulated Glass, Add	1,048.42	
	For Obscure Glass, Add	1,153.26	
08 54 13 00-0303	EA 86" x 52", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,755.29	102.32
	For Colored Vinyl, Add	455.07	
	For Tinted Glass, Add	546.08	
	For Low-E Insulated Glass, Add	1,137.66	
	For Obscure Glass, Add	1,251.43	
<b>08 54 13 00-0304 60" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows (08 54 13 00-0287)</b>			
08 54 13 00-0305	EA 62" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,414.13	92.21
	For Colored Vinyl, Add	422.97	
	For Tinted Glass, Add	507.57	
	For Low-E Insulated Glass, Add	1,057.43	
	For Obscure Glass, Add	1,163.17	
08 54 13 00-0306	EA 72" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,626.40	98.15
	For Colored Vinyl, Add	443.01	
	For Tinted Glass, Add	531.61	
	For Low-E Insulated Glass, Add	1,107.52	
	For Obscure Glass, Add	1,218.27	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0307	EA		86" x 60", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	5,057.03	106.49
			<i>For Colored Vinyl, Add</i>	484.41	
			<i>For Tinted Glass, Add</i>	581.29	
			<i>For Low-E Insulated Glass, Add</i>	1,211.02	
			<i>For Obscure Glass, Add</i>	1,332.12	
<b>08 54 13 00-0308</b>			<b>64" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0287)</small>		
08 54 13 00-0309	EA		62" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,676.00	95.19
			<i>For Colored Vinyl, Add</i>	448.56	
			<i>For Tinted Glass, Add</i>	538.28	
			<i>For Low-E Insulated Glass, Add</i>	1,121.41	
			<i>For Obscure Glass, Add</i>	1,233.55	
08 54 13 00-0310	EA		72" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,888.14	101.13
			<i>For Colored Vinyl, Add</i>	468.59	
			<i>For Tinted Glass, Add</i>	562.31	
			<i>For Low-E Insulated Glass, Add</i>	1,171.47	
			<i>For Obscure Glass, Add</i>	1,288.62	
08 54 13 00-0311	EA		86" x 64", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	5,318.76	109.46
			<i>For Colored Vinyl, Add</i>	509.99	
			<i>For Tinted Glass, Add</i>	611.98	
			<i>For Low-E Insulated Glass, Add</i>	1,274.96	
			<i>For Obscure Glass, Add</i>	1,402.46	
<b>08 54 13 00-0312</b>			<b>72" Height, Three Operating Sashes, New Construction, Casement Fiberglass Windows</b> <small>(08 54 13 00-0287)</small>		
08 54 13 00-0313	EA		62" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	4,940.84	99.34
			<i>For Colored Vinyl, Add</i>	474.22	
			<i>For Tinted Glass, Add</i>	569.06	
			<i>For Low-E Insulated Glass, Add</i>	1,185.54	
			<i>For Obscure Glass, Add</i>	1,304.09	
08 54 13 00-0314	EA		72" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	5,152.91	105.29
			<i>For Colored Vinyl, Add</i>	494.23	
			<i>For Tinted Glass, Add</i>	593.08	
			<i>For Low-E Insulated Glass, Add</i>	1,235.58	
			<i>For Obscure Glass, Add</i>	1,359.14	
08 54 13 00-0315	EA		86" x 72", Three Operating Sashes, New Construction, Casement Fiberglass Window .....	5,583.55	113.62
			<i>For Colored Vinyl, Add</i>	535.63	
			<i>For Tinted Glass, Add</i>	642.76	
			<i>For Low-E Insulated Glass, Add</i>	1,339.08	
			<i>For Obscure Glass, Add</i>	1,472.98	
<b>08 54 13 00-0316</b>			<b>Replacement, Casement Fiberglass Windows</b> <small>(08 54 13 00-0203)</small>		
			Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
<b>08 54 13 00-0317</b>			<b>One Operating Sash, Replacement, Casement Fiberglass Windows</b> <small>(08 54 13 00-0316)</small>		
08 54 13 00-0318	EA		Up To 53" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	1,756.96	50.57
			<i>For Colored Vinyl, Add</i>	165.58	
			<i>For Tinted Glass, Add</i>	198.70	
			<i>For Low-E Insulated Glass, Add</i>	413.96	
			<i>For Obscure Glass, Add</i>	455.35	
08 54 13 00-0319	EA		>53 To 63" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	1,999.29	56.52
			<i>For Colored Vinyl, Add</i>	188.63	
			<i>For Tinted Glass, Add</i>	226.35	
			<i>For Low-E Insulated Glass, Add</i>	471.57	
			<i>For Obscure Glass, Add</i>	518.72	
08 54 13 00-0320	EA		>63 To 73" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	2,215.60	62.46
			<i>For Colored Vinyl, Add</i>	209.07	
			<i>For Tinted Glass, Add</i>	250.88	
			<i>For Low-E Insulated Glass, Add</i>	522.67	
			<i>For Obscure Glass, Add</i>	574.93	
08 54 13 00-0321	EA		>73" To 83" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	2,405.82	68.41
			<i>For Colored Vinyl, Add</i>	226.90	
			<i>For Tinted Glass, Add</i>	272.28	
			<i>For Low-E Insulated Glass, Add</i>	567.25	
			<i>For Obscure Glass, Add</i>	623.98	
08 54 13 00-0322	EA		>83" To 93" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	2,570.03	74.36
			<i>For Colored Vinyl, Add</i>	242.13	
			<i>For Tinted Glass, Add</i>	290.56	
			<i>For Low-E Insulated Glass, Add</i>	605.33	
			<i>For Obscure Glass, Add</i>	665.86	
08 54 13 00-0323	EA		>93" To 101" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	2,658.74	80.31
			<i>For Colored Vinyl, Add</i>	249.81	
			<i>For Tinted Glass, Add</i>	299.77	
			<i>For Low-E Insulated Glass, Add</i>	624.53	
			<i>For Obscure Glass, Add</i>	686.98	
08 54 13 00-0324	UI		>101" UI, One Operating Sash, Replacement, Casement Fiberglass Window .....	26.26	0.77
			<i>For Colored Vinyl, Add</i>	2.47	
			<i>For Tinted Glass, Add</i>	2.97	
			<i>For Low-E Insulated Glass, Add</i>	6.18	
			<i>For Obscure Glass, Add</i>	6.80	



**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 54 13 00-0325	Two Operating Sashes, Replacement, Casement Fiberglass Windows <sup>(08 54 13 00-0316)</sup>		
08 54 13 00-0326	EA Up To 73" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,023.33	62.46	
	For Colored Vinyl, Add 289.84		
	For Tinted Glass, Add 347.81		
	For Low-E Insulated Glass, Add 724.60		
	For Obscure Glass, Add 797.06		
08 54 13 00-0327	EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,324.20	68.41	
	For Colored Vinyl, Add 318.74		
	For Tinted Glass, Add 382.49		
	For Low-E Insulated Glass, Add 796.85		
	For Obscure Glass, Add 876.53		
08 54 13 00-0328	EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,599.07	74.36	
	For Colored Vinyl, Add 345.04		
	For Tinted Glass, Add 414.04		
	For Low-E Insulated Glass, Add 862.59		
	For Obscure Glass, Add 948.85		
08 54 13 00-0329	EA >93" To 101" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,776.32	80.31	
	For Colored Vinyl, Add 361.57		
	For Tinted Glass, Add 433.88		
	For Low-E Insulated Glass, Add 903.93		
	For Obscure Glass, Add 994.32		
08 54 13 00-0330	EA >101" To 110" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,967.19	86.26	
	For Colored Vinyl, Add 379.47		
	For Tinted Glass, Add 455.36		
	For Low-E Insulated Glass, Add 948.67		
	For Obscure Glass, Add 1,043.54		
08 54 13 00-0331	EA >110" To 120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 4,167.86	92.21	
	For Colored Vinyl, Add 398.35		
	For Tinted Glass, Add 478.01		
	For Low-E Insulated Glass, Add 995.86		
	For Obscure Glass, Add 1,095.45		
08 54 13 00-0332	UI >120" UI, Two Operating Sashes, Replacement, Casement Fiberglass Window ..... 34.74	0.77	
	For Colored Vinyl, Add 3.32		
	For Tinted Glass, Add 3.98		
	For Low-E Insulated Glass, Add 8.30		
	For Obscure Glass, Add 9.13		
08 54 13 00-0333	Three Operating Sashes, Replacement, Casement Fiberglass Windows <sup>(08 54 13 00-0316)</sup>		
08 54 13 00-0334	EA Up To 73" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,165.87	62.46	
	For Colored Vinyl, Add 304.09		
	For Tinted Glass, Add 364.91		
	For Low-E Insulated Glass, Add 760.24		
	For Obscure Glass, Add 836.26		
08 54 13 00-0335	EA >73" To 83" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,482.39	68.41	
	For Colored Vinyl, Add 334.56		
	For Tinted Glass, Add 401.47		
	For Low-E Insulated Glass, Add 836.39		
	For Obscure Glass, Add 920.03		
08 54 13 00-0336	EA >83" To 93" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,780.66	74.36	
	For Colored Vinyl, Add 363.19		
	For Tinted Glass, Add 435.83		
	For Low-E Insulated Glass, Add 907.99		
	For Obscure Glass, Add 998.78		
08 54 13 00-0337	EA >93" To 101" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 3,973.50	80.31	
	For Colored Vinyl, Add 381.29		
	For Tinted Glass, Add 457.55		
	For Low-E Insulated Glass, Add 953.22		
	For Obscure Glass, Add 1,048.54		
08 54 13 00-0338	EA >101" To 110" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 4,181.97	86.26	
	For Colored Vinyl, Add 400.95		
	For Tinted Glass, Add 481.14		
	For Low-E Insulated Glass, Add 1,002.37		
	For Obscure Glass, Add 1,102.60		
08 54 13 00-0339	EA >110" To 120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 4,402.20	92.21	
	For Colored Vinyl, Add 421.78		
	For Tinted Glass, Add 506.13		
	For Low-E Insulated Glass, Add 1,054.45		
	For Obscure Glass, Add 1,159.89		
08 54 13 00-0340	UI >120" UI, Three Operating Sashes, Replacement, Casement Fiberglass Window ..... 36.69	0.77	
	For Colored Vinyl, Add 3.51		
	For Tinted Glass, Add 4.22		
	For Low-E Insulated Glass, Add 8.79		
	For Obscure Glass, Add 9.66		
08 54 13 00-0341	Awning Fiberglass Windows <sup>(08 54 13)</sup>		
08 54 13 00-0342	New Construction, Awning Fiberglass Windows <sup>(08 54 13 00-0341)</sup>		
	Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0343	Venting, New Construction, Awning Fiberglass Windows <sup>(08 54 13 00-0342)</sup>		



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 54 13 00-0344</b> 17" Height, Venting, New Construction, Awning Fiberglass Windows <small>(08 54 13 00-0343)</small>		
08 54 13 00-0345 EA 24" x 17", Venting, New Construction, Awning Fiberglass Window .....	1,779.08	48.79
For Colored Vinyl, Add	168.15	
For Tinted Glass, Add	201.78	
For Low-E Insulated Glass, Add	420.38	
For Obscure Glass, Add	462.42	
08 54 13 00-0346 EA 28" x 17", Venting, New Construction, Awning Fiberglass Window .....	1,861.95	51.16
For Colored Vinyl, Add	175.96	
For Tinted Glass, Add	211.16	
For Low-E Insulated Glass, Add	439.91	
For Obscure Glass, Add	483.90	
08 54 13 00-0347 EA 36" x 17", Venting, New Construction, Awning Fiberglass Window .....	1,987.45	55.33
For Colored Vinyl, Add	187.68	
For Tinted Glass, Add	225.22	
For Low-E Insulated Glass, Add	469.20	
For Obscure Glass, Add	516.12	
08 54 13 00-0348 EA 40" x 17", Venting, New Construction, Awning Fiberglass Window .....	2,067.07	58.30
For Colored Vinyl, Add	195.05	
For Tinted Glass, Add	234.06	
For Low-E Insulated Glass, Add	487.62	
For Obscure Glass, Add	536.38	
08 54 13 00-0349 EA 48" x 17", Venting, New Construction, Awning Fiberglass Window .....	2,198.14	63.06
For Colored Vinyl, Add	207.20	
For Tinted Glass, Add	248.64	
For Low-E Insulated Glass, Add	518.01	
For Obscure Glass, Add	569.81	
<b>08 54 13 00-0350</b> 20" Height, Venting, New Construction, Awning Fiberglass Windows <small>(08 54 13 00-0343)</small>		
08 54 13 00-0351 EA 24" x 20", Venting, New Construction, Awning Fiberglass Window .....	1,880.26	51.16
For Colored Vinyl, Add	177.91	
For Tinted Glass, Add	213.50	
For Low-E Insulated Glass, Add	444.78	
For Obscure Glass, Add	489.26	
08 54 13 00-0352 EA 28" x 20", Venting, New Construction, Awning Fiberglass Window .....	1,963.13	53.54
For Colored Vinyl, Add	185.72	
For Tinted Glass, Add	222.87	
For Low-E Insulated Glass, Add	464.31	
For Obscure Glass, Add	510.74	
08 54 13 00-0353 EA 36" x 20", Venting, New Construction, Awning Fiberglass Window .....	2,099.46	57.11
For Colored Vinyl, Add	198.52	
For Tinted Glass, Add	238.23	
For Low-E Insulated Glass, Add	496.31	
For Obscure Glass, Add	545.94	
08 54 13 00-0354 EA 40" x 20", Venting, New Construction, Awning Fiberglass Window .....	2,179.22	60.68
For Colored Vinyl, Add	205.91	
For Tinted Glass, Add	247.09	
For Low-E Insulated Glass, Add	514.76	
For Obscure Glass, Add	566.24	
08 54 13 00-0355 EA 48" x 20", Venting, New Construction, Awning Fiberglass Window .....	2,320.97	64.84
For Colored Vinyl, Add	219.13	
For Tinted Glass, Add	262.95	
For Low-E Insulated Glass, Add	547.82	
For Obscure Glass, Add	602.60	
<b>08 54 13 00-0356</b> 24" Height, Venting, New Construction, Awning Fiberglass Windows <small>(08 54 13 00-0343)</small>		
08 54 13 00-0357 EA 24" x 24", Venting, New Construction, Awning Fiberglass Window .....	1,939.20	53.54
For Colored Vinyl, Add	183.33	
For Tinted Glass, Add	220.00	
For Low-E Insulated Glass, Add	458.33	
For Obscure Glass, Add	504.16	
08 54 13 00-0358 EA 28" x 24", Venting, New Construction, Awning Fiberglass Window .....	2,022.08	55.92
For Colored Vinyl, Add	191.14	
For Tinted Glass, Add	229.37	
For Low-E Insulated Glass, Add	477.86	
For Obscure Glass, Add	525.64	
08 54 13 00-0359 EA 36" x 24", Venting, New Construction, Awning Fiberglass Window .....	2,163.81	59.48
For Colored Vinyl, Add	204.48	
For Tinted Glass, Add	245.38	
For Low-E Insulated Glass, Add	511.21	
For Obscure Glass, Add	562.33	
08 54 13 00-0360 EA 40" x 24", Venting, New Construction, Awning Fiberglass Window .....	2,252.31	63.06
For Colored Vinyl, Add	212.74	
For Tinted Glass, Add	255.29	
For Low-E Insulated Glass, Add	531.85	
For Obscure Glass, Add	585.03	
08 54 13 00-0361 EA 48" x 24", Venting, New Construction, Awning Fiberglass Window .....	2,396.28	67.22
For Colored Vinyl, Add	226.18	
For Tinted Glass, Add	271.42	
For Low-E Insulated Glass, Add	565.46	
For Obscure Glass, Add	622.00	

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0362			<b>28" Height, Venting, New Construction, Awning Fiberglass Windows</b> <small>(08 54 13 00-0343)</small>		
08 54 13 00-0363	EA		24" x 28", Venting, New Construction, Awning Fiberglass Window	1,998.21	55.92
			<i>For Colored Vinyl, Add</i>	188.76	
			<i>For Tinted Glass, Add</i>	226.51	
			<i>For Low-E Insulated Glass, Add</i>	471.89	
			<i>For Obscure Glass, Add</i>	519.08	
08 54 13 00-0364	EA		28" x 28", Venting, New Construction, Awning Fiberglass Window	2,081.08	58.30
			<i>For Colored Vinyl, Add</i>	196.57	
			<i>For Tinted Glass, Add</i>	235.88	
			<i>For Low-E Insulated Glass, Add</i>	491.42	
			<i>For Obscure Glass, Add</i>	540.56	
08 54 13 00-0365	EA		36" x 28", Venting, New Construction, Awning Fiberglass Window	2,228.30	61.87
			<i>For Colored Vinyl, Add</i>	210.46	
			<i>For Tinted Glass, Add</i>	252.55	
			<i>For Low-E Insulated Glass, Add</i>	526.14	
			<i>For Obscure Glass, Add</i>	578.75	
08 54 13 00-0366	EA		40" x 28", Venting, New Construction, Awning Fiberglass Window	2,324.88	65.43
			<i>For Colored Vinyl, Add</i>	219.52	
			<i>For Tinted Glass, Add</i>	263.42	
			<i>For Low-E Insulated Glass, Add</i>	548.80	
			<i>For Obscure Glass, Add</i>	603.68	
08 54 13 00-0367	EA		48" x 28", Venting, New Construction, Awning Fiberglass Window	2,471.58	69.60
			<i>For Colored Vinyl, Add</i>	233.24	
			<i>For Tinted Glass, Add</i>	279.89	
			<i>For Low-E Insulated Glass, Add</i>	583.10	
			<i>For Obscure Glass, Add</i>	641.40	
08 54 13 00-0368			<b>36" Height, Venting, New Construction, Awning Fiberglass Windows</b> <small>(08 54 13 00-0343)</small>		
08 54 13 00-0369	EA		36" x 36", Venting, New Construction, Awning Fiberglass Window	2,355.87	66.04
			<i>For Colored Vinyl, Add</i>	222.38	
			<i>For Tinted Glass, Add</i>	266.86	
			<i>For Low-E Insulated Glass, Add</i>	555.95	
			<i>For Obscure Glass, Add</i>	611.55	
08 54 13 00-0370	EA		40" x 36", Venting, New Construction, Awning Fiberglass Window	2,452.59	69.01
			<i>For Colored Vinyl, Add</i>	231.46	
			<i>For Tinted Glass, Add</i>	277.75	
			<i>For Low-E Insulated Glass, Add</i>	578.65	
			<i>For Obscure Glass, Add</i>	636.51	
08 54 13 00-0371	EA		48" x 36", Venting, New Construction, Awning Fiberglass Window	2,610.12	73.77
			<i>For Colored Vinyl, Add</i>	246.26	
			<i>For Tinted Glass, Add</i>	295.51	
			<i>For Low-E Insulated Glass, Add</i>	615.65	
			<i>For Obscure Glass, Add</i>	677.21	
08 54 13 00-0372			<b>Replacement, Awning Fiberglass Windows</b> <small>(08 54 13 00-0341)</small>		
			Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0373	EA		Up To 53" UI, Replacement, Awning Fiberglass Window	1,860.50	50.57
			<i>For Colored Vinyl, Add</i>	175.94	
			<i>For Tinted Glass, Add</i>	211.12	
			<i>For Low-E Insulated Glass, Add</i>	439.84	
			<i>For Obscure Glass, Add</i>	483.83	
08 54 13 00-0374	EA		>53" To 63" UI, Replacement, Awning Fiberglass Window	2,163.34	56.52
			<i>For Colored Vinyl, Add</i>	205.03	
			<i>For Tinted Glass, Add</i>	246.04	
			<i>For Low-E Insulated Glass, Add</i>	512.58	
			<i>For Obscure Glass, Add</i>	563.84	
08 54 13 00-0375	EA		>63" To 73" UI, Replacement, Awning Fiberglass Window	2,453.13	62.46
			<i>For Colored Vinyl, Add</i>	232.82	
			<i>For Tinted Glass, Add</i>	279.38	
			<i>For Low-E Insulated Glass, Add</i>	582.05	
			<i>For Obscure Glass, Add</i>	640.26	
08 54 13 00-0376	EA		>73" To 83" UI, Replacement, Awning Fiberglass Window	2,729.94	68.41
			<i>For Colored Vinyl, Add</i>	259.31	
			<i>For Tinted Glass, Add</i>	311.17	
			<i>For Low-E Insulated Glass, Add</i>	648.28	
			<i>For Obscure Glass, Add</i>	713.11	
08 54 13 00-0377	EA		>83" To 93" UI, Replacement, Awning Fiberglass Window	2,993.79	74.36
			<i>For Colored Vinyl, Add</i>	284.51	
			<i>For Tinted Glass, Add</i>	341.41	
			<i>For Low-E Insulated Glass, Add</i>	711.27	
			<i>For Obscure Glass, Add</i>	782.39	
08 54 13 00-0378	EA		>93" To 101" UI, Replacement, Awning Fiberglass Window	3,118.88	80.31
			<i>For Colored Vinyl, Add</i>	295.83	
			<i>For Tinted Glass, Add</i>	354.99	
			<i>For Low-E Insulated Glass, Add</i>	739.57	
			<i>For Obscure Glass, Add</i>	813.52	
08 54 13 00-0379	UI		>101" UI, Replacement, Awning Fiberglass Window	30.83	0.77
			<i>For Colored Vinyl, Add</i>	2.93	
			<i>For Tinted Glass, Add</i>	3.51	
			<i>For Low-E Insulated Glass, Add</i>	7.32	
			<i>For Obscure Glass, Add</i>	8.05	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0380 Horizontal Sliding Fiberglass Windows <small>(08 54 13)</small>		
08 54 13 00-0381 New Construction, Horizontal Sliding Fiberglass Windows <small>(08 54 13 00-0380)</small> Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0382 20" Height, New Construction, Horizontal Sliding Fiberglass Windows <small>(08 54 13 00-0381)</small>		
08 54 13 00-0383 EA 36" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	901.30 78.59 94.31 196.47 216.12	58.30
08 54 13 00-0384 EA 48" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	992.65 86.30 103.56 215.74 237.31	65.43
08 54 13 00-0385 EA 54" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,038.32 90.15 108.18 225.38 247.91	68.41
08 54 13 00-0386 EA 60" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,083.99 94.00 112.80 235.01 258.51	71.99
08 54 13 00-0387 EA 64" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,114.38 96.57 115.88 241.42 265.56	74.95
08 54 13 00-0388 EA 72" x 20", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,175.34 101.71 122.05 254.28 279.70	79.12
08 54 13 00-0389 24" Height, New Construction, Horizontal Sliding Fiberglass Windows <small>(08 54 13 00-0381)</small>		
08 54 13 00-0390 EA 36" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	949.42 82.93 99.51 207.31 228.04	60.68
08 54 13 00-0391 EA 48" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,044.29 90.98 109.18 227.46 250.21	67.82
08 54 13 00-0392 EA 54" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,092.11 95.05 114.06 237.63 261.40	70.79
08 54 13 00-0393 EA 60" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,139.22 99.05 118.86 247.63 272.39	74.36
08 54 13 00-0394 EA 64" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,170.84 101.74 122.08 254.34 279.77	77.34
08 54 13 00-0395 EA 72" x 24", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,234.09 107.11 128.53 267.77 294.55	81.50
08 54 13 00-0396 36" Height, New Construction, Horizontal Sliding Fiberglass Windows <small>(08 54 13 00-0381)</small>		
08 54 13 00-0397 EA 36" x 36", New Construction, Horizontal Sliding Fiberglass Window ..... For Colored Vinyl, Add For Tinted Glass, Add For Low-E Insulated Glass, Add For Obscure Glass, Add	1,094.89 96.04 115.25 240.11 264.12	67.82

**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0398	EA		48" x 36", New Construction, Horizontal Sliding Fiberglass Window .....	1,201.10	74.95
			<i>For Colored Vinyl, Add</i>	105.24	
			<i>For Tinted Glass, Add</i>	126.29	
			<i>For Low-E Insulated Glass, Add</i>	263.10	
			<i>For Obscure Glass, Add</i>	289.40	
08 54 13 00-0399	EA		54" x 36", New Construction, Horizontal Sliding Fiberglass Window .....	1,254.27	77.93
			<i>For Colored Vinyl, Add</i>	109.84	
			<i>For Tinted Glass, Add</i>	131.81	
			<i>For Low-E Insulated Glass, Add</i>	274.60	
			<i>For Obscure Glass, Add</i>	302.06	
08 54 13 00-0400	EA		60" x 36", New Construction, Horizontal Sliding Fiberglass Window .....	1,307.38	81.50
			<i>For Colored Vinyl, Add</i>	114.44	
			<i>For Tinted Glass, Add</i>	137.33	
			<i>For Low-E Insulated Glass, Add</i>	286.10	
			<i>For Obscure Glass, Add</i>	314.70	
08 54 13 00-0401	EA		64" x 36", New Construction, Horizontal Sliding Fiberglass Window .....	1,342.84	83.29
			<i>For Colored Vinyl, Add</i>	117.51	
			<i>For Tinted Glass, Add</i>	141.01	
			<i>For Low-E Insulated Glass, Add</i>	293.77	
			<i>For Obscure Glass, Add</i>	323.15	
08 54 13 00-0402	EA		72" x 36", New Construction, Horizontal Sliding Fiberglass Window .....	1,413.72	88.64
			<i>For Colored Vinyl, Add</i>	123.64	
			<i>For Tinted Glass, Add</i>	148.37	
			<i>For Low-E Insulated Glass, Add</i>	309.11	
			<i>For Obscure Glass, Add</i>	340.02	
<b>08 54 13 00-0403 42" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> <small>(08 54 13 00-0391)</small>					
08 54 13 00-0404	EA		36" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,167.61	71.38
			<i>For Colored Vinyl, Add</i>	102.60	
			<i>For Tinted Glass, Add</i>	123.12	
			<i>For Low-E Insulated Glass, Add</i>	256.51	
			<i>For Obscure Glass, Add</i>	282.16	
08 54 13 00-0405	EA		48" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,279.57	78.53
			<i>For Colored Vinyl, Add</i>	112.37	
			<i>For Tinted Glass, Add</i>	134.85	
			<i>For Low-E Insulated Glass, Add</i>	280.93	
			<i>For Obscure Glass, Add</i>	309.02	
08 54 13 00-0406	EA		54" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,335.61	81.50
			<i>For Colored Vinyl, Add</i>	117.26	
			<i>For Tinted Glass, Add</i>	140.71	
			<i>For Low-E Insulated Glass, Add</i>	293.15	
			<i>For Obscure Glass, Add</i>	322.47	
08 54 13 00-0407	EA		60" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,391.59	85.07
			<i>For Colored Vinyl, Add</i>	122.15	
			<i>For Tinted Glass, Add</i>	146.57	
			<i>For Low-E Insulated Glass, Add</i>	305.36	
			<i>For Obscure Glass, Add</i>	335.90	
08 54 13 00-0408	EA		64" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,428.75	88.04
			<i>For Colored Vinyl, Add</i>	125.39	
			<i>For Tinted Glass, Add</i>	150.46	
			<i>For Low-E Insulated Glass, Add</i>	313.46	
			<i>For Obscure Glass, Add</i>	344.81	
08 54 13 00-0409	EA		72" x 42", New Construction, Horizontal Sliding Fiberglass Window .....	1,503.53	92.21
			<i>For Colored Vinyl, Add</i>	131.91	
			<i>For Tinted Glass, Add</i>	158.29	
			<i>For Low-E Insulated Glass, Add</i>	329.78	
			<i>For Obscure Glass, Add</i>	362.76	
<b>08 54 13 00-0410 44" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> <small>(08 54 13 00-0391)</small>					
08 54 13 00-0411	EA		36" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,191.90	72.58
			<i>For Colored Vinyl, Add</i>	104.79	
			<i>For Tinted Glass, Add</i>	125.75	
			<i>For Low-E Insulated Glass, Add</i>	261.99	
			<i>For Obscure Glass, Add</i>	288.18	
08 54 13 00-0412	EA		48" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,305.75	79.72
			<i>For Colored Vinyl, Add</i>	114.75	
			<i>For Tinted Glass, Add</i>	137.70	
			<i>For Low-E Insulated Glass, Add</i>	286.88	
			<i>For Obscure Glass, Add</i>	315.57	
08 54 13 00-0413	EA		54" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,362.64	82.68
			<i>For Colored Vinyl, Add</i>	119.73	
			<i>For Tinted Glass, Add</i>	143.67	
			<i>For Low-E Insulated Glass, Add</i>	299.32	
			<i>For Obscure Glass, Add</i>	329.25	
08 54 13 00-0414	EA		60" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,419.58	86.26
			<i>For Colored Vinyl, Add</i>	124.71	
			<i>For Tinted Glass, Add</i>	149.65	
			<i>For Low-E Insulated Glass, Add</i>	311.77	
			<i>For Obscure Glass, Add</i>	342.94	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Windows</b>	<b>08 50</b>	
<b>Composite Windows</b>	<b>08 54</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 54 13 00-0415 EA 64" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,457.61	89.24
For Colored Vinyl, Add	128.03	
For Tinted Glass, Add	153.64	
For Low-E Insulated Glass, Add	320.08	
For Obscure Glass, Add	352.09	
08 54 13 00-0416 EA 72" x 44", New Construction, Horizontal Sliding Fiberglass Window .....	1,533.37	93.39
For Colored Vinyl, Add	134.66	
For Tinted Glass, Add	161.59	
For Low-E Insulated Glass, Add	336.64	
For Obscure Glass, Add	370.31	
<b>08 54 13 00-0417 46" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> (08 54 13 00-0381)		
08 54 13 00-0418 EA 36" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,216.14	73.77
For Colored Vinyl, Add	106.98	
For Tinted Glass, Add	128.37	
For Low-E Insulated Glass, Add	267.45	
For Obscure Glass, Add	294.19	
08 54 13 00-0419 EA 48" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,331.86	80.90
For Colored Vinyl, Add	117.12	
For Tinted Glass, Add	140.55	
For Low-E Insulated Glass, Add	292.81	
For Obscure Glass, Add	322.09	
08 54 13 00-0420 EA 54" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,389.72	83.88
For Colored Vinyl, Add	122.20	
For Tinted Glass, Add	146.64	
For Low-E Insulated Glass, Add	305.49	
For Obscure Glass, Add	336.04	
08 54 13 00-0421 EA 60" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,447.53	87.45
For Colored Vinyl, Add	127.26	
For Tinted Glass, Add	152.72	
For Low-E Insulated Glass, Add	318.16	
For Obscure Glass, Add	349.97	
08 54 13 00-0422 EA 64" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,486.12	90.42
For Colored Vinyl, Add	130.65	
For Tinted Glass, Add	156.78	
For Low-E Insulated Glass, Add	326.62	
For Obscure Glass, Add	359.28	
08 54 13 00-0423 EA 72" x 46", New Construction, Horizontal Sliding Fiberglass Window .....	1,563.32	94.59
For Colored Vinyl, Add	137.42	
For Tinted Glass, Add	164.90	
For Low-E Insulated Glass, Add	343.54	
For Obscure Glass, Add	377.89	
<b>08 54 13 00-0424 48" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> (08 54 13 00-0381)		
08 54 13 00-0425 EA 36" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,240.41	74.95
For Colored Vinyl, Add	109.17	
For Tinted Glass, Add	131.00	
For Low-E Insulated Glass, Add	272.92	
For Obscure Glass, Add	300.21	
08 54 13 00-0426 EA 48" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,358.04	82.09
For Colored Vinyl, Add	119.50	
For Tinted Glass, Add	143.40	
For Low-E Insulated Glass, Add	298.76	
For Obscure Glass, Add	328.64	
08 54 13 00-0427 EA 54" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,416.82	85.07
For Colored Vinyl, Add	124.67	
For Tinted Glass, Add	149.60	
For Low-E Insulated Glass, Add	311.67	
For Obscure Glass, Add	342.84	
08 54 13 00-0428 EA 60" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,475.54	88.64
For Colored Vinyl, Add	129.83	
For Tinted Glass, Add	155.79	
For Low-E Insulated Glass, Add	324.57	
For Obscure Glass, Add	357.02	
08 54 13 00-0429 EA 64" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,514.79	91.61
For Colored Vinyl, Add	133.28	
For Tinted Glass, Add	159.93	
For Low-E Insulated Glass, Add	333.19	
For Obscure Glass, Add	366.51	
08 54 13 00-0430 EA 72" x 48", New Construction, Horizontal Sliding Fiberglass Window .....	1,593.29	95.78
For Colored Vinyl, Add	140.17	
For Tinted Glass, Add	168.21	
For Low-E Insulated Glass, Add	350.43	
For Obscure Glass, Add	385.48	
<b>08 54 13 00-0431 50" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> (08 54 13 00-0381)		
08 54 13 00-0432 EA 36" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,264.64	76.14
For Colored Vinyl, Add	111.35	
For Tinted Glass, Add	133.62	
For Low-E Insulated Glass, Add	278.39	
For Obscure Glass, Add	306.22	



**08 Openings****08 50 Windows****08 54 Composite Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0433	EA		48" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,384.09	83.29
			<i>For Colored Vinyl, Add</i>	121.87	
			<i>For Tinted Glass, Add</i>	146.25	
			<i>For Low-E Insulated Glass, Add</i>	304.68	
			<i>For Obscure Glass, Add</i>	335.15	
08 54 13 00-0434	EA		54" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,443.84	86.26
			<i>For Colored Vinyl, Add</i>	127.13	
			<i>For Tinted Glass, Add</i>	152.56	
			<i>For Low-E Insulated Glass, Add</i>	317.83	
			<i>For Obscure Glass, Add</i>	349.62	
08 54 13 00-0435	EA		60" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,503.53	89.83
			<i>For Colored Vinyl, Add</i>	132.39	
			<i>For Tinted Glass, Add</i>	158.87	
			<i>For Low-E Insulated Glass, Add</i>	330.97	
			<i>For Obscure Glass, Add</i>	364.07	
08 54 13 00-0436	EA		64" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,543.44	92.80
			<i>For Colored Vinyl, Add</i>	135.90	
			<i>For Tinted Glass, Add</i>	163.08	
			<i>For Low-E Insulated Glass, Add</i>	339.76	
			<i>For Obscure Glass, Add</i>	373.73	
08 54 13 00-0437	EA		72" x 50", New Construction, Horizontal Sliding Fiberglass Window .....	1,623.18	96.97
			<i>For Colored Vinyl, Add</i>	142.93	
			<i>For Tinted Glass, Add</i>	171.51	
			<i>For Low-E Insulated Glass, Add</i>	357.31	
			<i>For Obscure Glass, Add</i>	393.04	
<b>08 54 13 00-0438</b>			<b>52" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> <small>(08 54 13 00-0381)</small>		
08 54 13 00-0439	EA		36" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,288.86	77.34
			<i>For Colored Vinyl, Add</i>	113.54	
			<i>For Tinted Glass, Add</i>	136.25	
			<i>For Low-E Insulated Glass, Add</i>	283.85	
			<i>For Obscure Glass, Add</i>	312.23	
08 54 13 00-0440	EA		48" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,410.32	84.48
			<i>For Colored Vinyl, Add</i>	124.26	
			<i>For Tinted Glass, Add</i>	149.11	
			<i>For Low-E Insulated Glass, Add</i>	310.64	
			<i>For Obscure Glass, Add</i>	341.71	
08 54 13 00-0441	EA		54" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,470.94	87.45
			<i>For Colored Vinyl, Add</i>	129.60	
			<i>For Tinted Glass, Add</i>	155.52	
			<i>For Low-E Insulated Glass, Add</i>	324.01	
			<i>For Obscure Glass, Add</i>	356.41	
08 54 13 00-0442	EA		60" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,531.74	91.02
			<i>For Colored Vinyl, Add</i>	134.97	
			<i>For Tinted Glass, Add</i>	161.96	
			<i>For Low-E Insulated Glass, Add</i>	337.43	
			<i>For Obscure Glass, Add</i>	371.17	
08 54 13 00-0443	EA		64" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,572.17	93.99
			<i>For Colored Vinyl, Add</i>	138.54	
			<i>For Tinted Glass, Add</i>	166.24	
			<i>For Low-E Insulated Glass, Add</i>	346.34	
			<i>For Obscure Glass, Add</i>	380.98	
08 54 13 00-0444	EA		72" x 52", New Construction, Horizontal Sliding Fiberglass Window .....	1,653.14	98.15
			<i>For Colored Vinyl, Add</i>	145.68	
			<i>For Tinted Glass, Add</i>	174.82	
			<i>For Low-E Insulated Glass, Add</i>	364.21	
			<i>For Obscure Glass, Add</i>	400.63	
<b>08 54 13 00-0445</b>			<b>54" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> <small>(08 54 13 00-0381)</small>		
08 54 13 00-0446	EA		36" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,313.15	78.53
			<i>For Colored Vinyl, Add</i>	115.73	
			<i>For Tinted Glass, Add</i>	138.87	
			<i>For Low-E Insulated Glass, Add</i>	289.32	
			<i>For Obscure Glass, Add</i>	318.25	
08 54 13 00-0447	EA		48" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,436.38	85.66
			<i>For Colored Vinyl, Add</i>	126.62	
			<i>For Tinted Glass, Add</i>	151.95	
			<i>For Low-E Insulated Glass, Add</i>	316.56	
			<i>For Obscure Glass, Add</i>	348.22	
08 54 13 00-0448	EA		54" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,498.03	88.64
			<i>For Colored Vinyl, Add</i>	132.08	
			<i>For Tinted Glass, Add</i>	158.49	
			<i>For Low-E Insulated Glass, Add</i>	330.19	
			<i>For Obscure Glass, Add</i>	363.21	
08 54 13 00-0449	EA		60" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,559.74	92.21
			<i>For Colored Vinyl, Add</i>	137.53	
			<i>For Tinted Glass, Add</i>	165.04	
			<i>For Low-E Insulated Glass, Add</i>	343.83	
			<i>For Obscure Glass, Add</i>	378.22	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 54 13 00-0450 EA 64" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,600.81	95.19
For Colored Vinyl, Add	141.16	
For Tinted Glass, Add	169.40	
For Low-E Insulated Glass, Add	352.91	
For Obscure Glass, Add	388.20	
08 54 13 00-0451 EA 72" x 54", New Construction, Horizontal Sliding Fiberglass Window .....	1,682.97	99.34
For Colored Vinyl, Add	148.43	
For Tinted Glass, Add	178.11	
For Low-E Insulated Glass, Add	371.07	
For Obscure Glass, Add	408.18	
<b>08 54 13 00-0452 60" Height, New Construction, Horizontal Sliding Fiberglass Windows</b> (08 54 13 00-		
0381)		
08 54 13 00-0453 EA 36" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,443.59	82.09
For Colored Vinyl, Add	128.06	
For Tinted Glass, Add	153.67	
For Low-E Insulated Glass, Add	320.15	
For Obscure Glass, Add	352.16	
08 54 13 00-0454 EA 48" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,514.85	89.24
For Colored Vinyl, Add	133.76	
For Tinted Glass, Add	160.51	
For Low-E Insulated Glass, Add	334.39	
For Obscure Glass, Add	367.83	
08 54 13 00-0455 EA 54" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,579.36	92.21
For Colored Vinyl, Add	139.50	
For Tinted Glass, Add	167.39	
For Low-E Insulated Glass, Add	348.74	
For Obscure Glass, Add	383.61	
08 54 13 00-0456 EA 60" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,643.83	95.78
For Colored Vinyl, Add	145.23	
For Tinted Glass, Add	174.27	
For Low-E Insulated Glass, Add	363.07	
For Obscure Glass, Add	399.37	
08 54 13 00-0457 EA 64" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,686.85	98.75
For Colored Vinyl, Add	149.05	
For Tinted Glass, Add	178.86	
For Low-E Insulated Glass, Add	372.64	
For Obscure Glass, Add	409.90	
08 54 13 00-0458 EA 72" x 60", New Construction, Horizontal Sliding Fiberglass Window .....	1,772.79	102.91
For Colored Vinyl, Add	156.70	
For Tinted Glass, Add	188.04	
For Low-E Insulated Glass, Add	391.74	
For Obscure Glass, Add	430.91	
<b>08 54 13 00-0459 Replacement, Horizontal Sliding Fiberglass Windows</b> (08 54 13 00-0380)		
Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0460 EA Up To 73" UI, Replacement, Horizontal Sliding Fiberglass Window .....	1,597.87	62.46
For Colored Vinyl, Add	147.29	
For Tinted Glass, Add	176.75	
For Low-E Insulated Glass, Add	368.24	
For Obscure Glass, Add	405.06	
08 54 13 00-0461 EA >73" To 83" UI, Replacement, Horizontal Sliding Fiberglass Window .....	1,757.51	68.41
For Colored Vinyl, Add	162.07	
For Tinted Glass, Add	194.48	
For Low-E Insulated Glass, Add	405.17	
For Obscure Glass, Add	445.69	
08 54 13 00-0462 EA >83" To 93" UI, Replacement, Horizontal Sliding Fiberglass Window .....	1,904.18	74.36
For Colored Vinyl, Add	175.55	
For Tinted Glass, Add	210.66	
For Low-E Insulated Glass, Add	438.87	
For Obscure Glass, Add	482.75	
08 54 13 00-0463 EA >93" To 101" UI, Replacement, Horizontal Sliding Fiberglass Window .....	2,001.37	80.31
For Colored Vinyl, Add	184.08	
For Tinted Glass, Add	220.89	
For Low-E Insulated Glass, Add	460.19	
For Obscure Glass, Add	506.21	
08 54 13 00-0464 EA >101" To 110" UI, Replacement, Horizontal Sliding Fiberglass Window .....	2,105.65	86.26
For Colored Vinyl, Add	193.31	
For Tinted Glass, Add	231.98	
For Low-E Insulated Glass, Add	483.29	
For Obscure Glass, Add	531.61	
08 54 13 00-0465 EA >110" To 120" UI, Replacement, Horizontal Sliding Fiberglass Window .....	2,293.27	92.21
For Colored Vinyl, Add	210.89	
For Tinted Glass, Add	253.06	
For Low-E Insulated Glass, Add	527.22	
For Obscure Glass, Add	579.94	
08 54 13 00-0466 UI >120" UI, Replacement, Horizontal Sliding Fiberglass Window .....	19.15	0.77
For Colored Vinyl, Add	1.76	
For Tinted Glass, Add	2.11	
For Low-E Insulated Glass, Add	4.40	
For Obscure Glass, Add	4.84	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 54</b>	<b>Composite Windows</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 54 13 00-0467		<b>Basement Fiberglass Windows</b> (08 54 13)		
08 54 13 00-0468		<b>New Construction, Basement Fiberglass Windows</b> (08 54 13 00-0467)		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 54 13 00-0469	EA	32" x 15", New Construction, Basement Fiberglass Window .....	876.26	47.59
		For Colored Vinyl, Add	78.11	
		For Tinted Glass, Add	93.73	
		For Low-E Insulated Glass, Add	195.27	
		For Obscure Glass, Add	214.79	
08 54 13 00-0470	EA	32" x 20", New Construction, Basement Fiberglass Window .....	967.41	47.59
		For Colored Vinyl, Add	87.22	
		For Tinted Glass, Add	104.67	
		For Low-E Insulated Glass, Add	218.06	
		For Obscure Glass, Add	239.86	
08 54 13 00-0471	EA	32" x 23", New Construction, Basement Fiberglass Window .....	1,019.44	47.59
		For Colored Vinyl, Add	92.43	
		For Tinted Glass, Add	110.91	
		For Low-E Insulated Glass, Add	231.06	
		For Obscure Glass, Add	254.17	
08 54 13 00-0472		<b>Replacement, Basement Fiberglass Windows</b> (08 54 13 00-0467)		
		Note: Includes white solid fiberglass interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 54 13 00-0473	EA	Up To 47" UI, Replacement, Basement Fiberglass Window .....	1,199.29	46.40
		For Colored Vinyl, Add	110.65	
		For Tinted Glass, Add	132.78	
		For Low-E Insulated Glass, Add	276.62	
		For Obscure Glass, Add	304.28	
08 54 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Fiberglass Window .....	1,324.22	53.54
		For Colored Vinyl, Add	121.71	
		For Tinted Glass, Add	146.06	
		For Low-E Insulated Glass, Add	304.29	
		For Obscure Glass, Add	334.71	
08 54 13 00-0475	UI	>55" UI, Replacement, Basement Fiberglass Window .....	23.65	0.77
		For Colored Vinyl, Add	2.21	
		For Tinted Glass, Add	2.65	
		For Low-E Insulated Glass, Add	5.53	
		For Obscure Glass, Add	6.08	
<b>08 54 66</b>		<b>Fiberglass Window Screens</b> (08 54)		
08 54 66 00-0001		<b>Insect Screens For Fiberglass Windows</b> (08 54 66)		
08 54 66 00-0002	EA	Up To 6 SF, Insect Screen For Fiberglass Windows .....	58.18	10.57
08 54 66 00-0003	EA	>6 To 9 SF, Insect Screen For Fiberglass Windows .....	80.39	10.57
08 54 66 00-0004	EA	>9 To 12 SF, Insect Screen For Fiberglass Windows .....	87.80	10.57
08 54 66 00-0005	EA	>12 To 15 SF, Insect Screen For Fiberglass Windows .....	102.61	10.57
08 54 66 00-0006	EA	>15 To 20 SF, Insect Screen For Fiberglass Windows .....	135.93	10.57
08 54 66 00-0007	EA	>20 To 25 SF, Insect Screen For Fiberglass Windows .....	150.74	10.57
08 54 66 00-0008	EA	>25 To 30 SF, Insect Screen For Fiberglass Windows .....	172.96	10.57
08 54 66 00-0009	EA	>30 To 35 SF, Insect Screen For Fiberglass Windows .....	187.77	10.57
08 54 66 00-0010	SF	>35 SF, Insect Screen For Fiberglass Windows .....	5.71	0.21
08 54 66 00-0011		<b>Factory Installed Grilles For Fiberglass Windows</b> (08 54 66)		
08 54 66 00-0012		<b>Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows</b> (08 54 66 00-0011)		
08 54 66 00-0013	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows .....	57.02	
08 54 66 00-0014	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows .....	73.31	
08 54 66 00-0015	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows .....	94.42	
08 54 66 00-0016	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows .....	111.45	
08 54 66 00-0017	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Fiberglass Windows .....	137.00	
08 54 66 00-0018		<b>Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows</b> (08 54 66 00-0011)		
08 54 66 00-0019	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows .....	129.59	
08 54 66 00-0020	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows .....	155.51	
08 54 66 00-0021	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows .....	196.24	
08 54 66 00-0022	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows .....	244.38	
08 54 66 00-0023	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Fiberglass Windows .....	292.51	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Composite Windows	08 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**08 56 Special Function Windows** (08 50)

**08 56 19 Pass Windows** (08 56)

**08 56 19 00-0001 Bullet Resistant Pass Through Service Window, Steel Frame** (08 56 19)

Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)

08 56 19 00-0002	EA 24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	5,073.95	800.40
	For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	45.00	
	For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	295.00	
08 56 19 00-0003	EA 30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	5,576.68	867.10
	For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	60.00	
	For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	370.00	
08 56 19 00-0004	EA 36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	5,870.17	933.81
	For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	70.00	
	For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	445.00	
08 56 19 00-0005	EA 48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	7,333.02	1,067.20
	For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	100.00	
	For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	650.00	
08 56 19 00-0006	EA 72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	9,935.01	1,600.81
	For 1.375" Acrylic Level II Bullet Resistant Glazing, Add	150.00	
	For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add	975.00	

**08 56 56 Security Window Screens** (08 56)

Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.

**08 56 56 00-0001 Wire Mesh Security Screen** (08 56 56)

**08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen** (08 56 56 00-0001)

08 56 56 00-0003	SF 13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	25.06	6.01
	For Painted Steel, Add	1.71	
	For Galvanized Steel, Add	3.41	
	For Aluminum, Add	6.82	
	For Stainless Steel, Add	29.84	
08 56 56 00-0004	SF 11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	25.55	6.01
	For Painted Steel, Add	1.75	
	For Galvanized Steel, Add	3.51	
	For Aluminum, Add	7.02	
	For Stainless Steel, Add	30.70	
08 56 56 00-0005	SF 9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	27.80	6.01
	For Painted Steel, Add	1.98	
	For Galvanized Steel, Add	3.96	
	For Aluminum, Add	7.92	
	For Stainless Steel, Add	34.63	
08 56 56 00-0006	SF 6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen.....	32.61	6.01
	For Painted Steel, Add	2.46	
	For Galvanized Steel, Add	4.92	
	For Aluminum, Add	9.84	
	For Stainless Steel, Add	43.05	

**08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen** (08 56 56 00-0001)

08 56 56 00-0008	SF 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	34.96	7.33
	For Painted Steel, Add	2.43	
	For Galvanized Steel, Add	4.86	
	For Aluminum, Add	9.72	
	For Stainless Steel, Add	42.51	
08 56 56 00-0009	SF 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	35.70	7.33
	For Painted Steel, Add	2.50	
	For Galvanized Steel, Add	5.01	
	For Aluminum, Add	10.01	
	For Stainless Steel, Add	43.80	
08 56 56 00-0010	SF 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	38.93	7.33
	For Painted Steel, Add	2.83	
	For Galvanized Steel, Add	5.65	
	For Aluminum, Add	11.30	
	For Stainless Steel, Add	49.46	
08 56 56 00-0011	SF 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen.....	45.68	7.33
	For Painted Steel, Add	3.50	
	For Galvanized Steel, Add	7.00	
	For Aluminum, Add	14.00	
	For Stainless Steel, Add	61.27	

**08 56 56 00-0012 Wire Cloth Security Screen** (08 56 56)

Note: Wire cloth has from 10 to 12 strands per 1".

**08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens** (08 56 56 00-0012)

08 56 56 00-0014	SF 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen.....	16.84	4.00
	For Painted Steel, Add	0.51	
	For Galvanized Steel, Add	1.53	
	For Aluminum, Add	3.05	
	For Stainless Steel, Add	12.71	

**08 Openings****08 50 Windows****08 56 Special Function Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0015	SF		22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen .....	17.52	4.00
			<i>For Painted Steel, Add</i>	0.54	
			<i>For Galvanized Steel, Add</i>	1.63	
			<i>For Aluminum, Add</i>	3.26	
			<i>For Stainless Steel, Add</i>	13.56	
08 56 56 00-0016	SF		20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen .....	18.60	4.00
			<i>For Painted Steel, Add</i>	0.60	
			<i>For Galvanized Steel, Add</i>	1.79	
			<i>For Aluminum, Add</i>	3.58	
			<i>For Stainless Steel, Add</i>	14.91	
08 56 56 00-0017	SF		18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen .....	20.65	4.00
			<i>For Painted Steel, Add</i>	0.70	
			<i>For Galvanized Steel, Add</i>	2.10	
			<i>For Aluminum, Add</i>	4.19	
			<i>For Stainless Steel, Add</i>	17.48	
<b>08 56 56 00-0018</b>			<b>Wire Cloth, Operable, Security Window Screens</b> <small>(08 56 56 00-0012)</small>		
08 56 56 00-0019	SF		24 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	22.50	5.33
			<i>For Painted Steel, Add</i>	0.72	
			<i>For Galvanized Steel, Add</i>	2.17	
			<i>For Aluminum, Add</i>	4.35	
			<i>For Stainless Steel, Add</i>	18.11	
08 56 56 00-0020	SF		22 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	23.56	5.33
			<i>For Painted Steel, Add</i>	0.78	
			<i>For Galvanized Steel, Add</i>	2.33	
			<i>For Aluminum, Add</i>	4.67	
			<i>For Stainless Steel, Add</i>	19.44	
08 56 56 00-0021	SF		20 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	25.02	5.33
			<i>For Painted Steel, Add</i>	0.85	
			<i>For Galvanized Steel, Add</i>	2.55	
			<i>For Aluminum, Add</i>	5.10	
			<i>For Stainless Steel, Add</i>	21.26	
08 56 56 00-0022	SF		18 Gauge, Wire Cloth, Operable, Steel Security Window Screen.....	27.96	5.33
			<i>For Painted Steel, Add</i>	1.00	
			<i>For Galvanized Steel, Add</i>	2.99	
			<i>For Aluminum, Add</i>	5.99	
			<i>For Stainless Steel, Add</i>	24.94	
<b>08 56 56 00-0023</b>			<b>Expanded Metal Security Screen</b> <small>(08 56 56)</small>		
			Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
<b>08 56 56 00-0024</b>			<b>Expanded Metal, Inoperable, Security Screen</b> <small>(08 56 56 00-0023)</small>		
08 56 56 00-0025	SF		1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen.....	31.85	10.00
			<i>For Painted Steel, Add</i>	0.99	
			<i>For Galvanized Steel, Add</i>	2.98	
			<i>For Aluminum, Add</i>	5.96	
			<i>For Stainless Steel, Add</i>	24.81	
08 56 56 00-0026	SF		1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	37.36	12.00
			<i>For Painted Steel, Add</i>	1.13	
			<i>For Galvanized Steel, Add</i>	3.40	
			<i>For Aluminum, Add</i>	6.80	
			<i>For Stainless Steel, Add</i>	28.35	
08 56 56 00-0027	SF		3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen.....	42.08	14.68
			<i>For Painted Steel, Add</i>	1.24	
			<i>For Galvanized Steel, Add</i>	3.71	
			<i>For Aluminum, Add</i>	7.42	
			<i>For Stainless Steel, Add</i>	30.93	
08 56 56 00-0028	SF		3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen .....	49.61	17.34
			<i>For Painted Steel, Add</i>	1.41	
			<i>For Galvanized Steel, Add</i>	4.24	
			<i>For Aluminum, Add</i>	8.48	
			<i>For Stainless Steel, Add</i>	35.33	
08 56 56 00-0029	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen .....	46.21	16.67
			<i>For Painted Steel, Add</i>	1.31	
			<i>For Galvanized Steel, Add</i>	3.93	
			<i>For Aluminum, Add</i>	7.86	
			<i>For Stainless Steel, Add</i>	32.75	
08 56 56 00-0030	SF		3 Lb./SF, Expanded Metal, Inoperable, Steel Security Window Screen .....	58.29	21.35
			<i>For Painted Steel, Add</i>	1.65	
			<i>For Galvanized Steel, Add</i>	4.94	
			<i>For Aluminum, Add</i>	9.89	
			<i>For Stainless Steel, Add</i>	41.19	
<b>08 56 56 00-0031</b>			<b>Expanded Metal, Operable, Security Screen</b> <small>(08 56 56 00-0023)</small>		
08 56 56 00-0032	SF		1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen.....	40.20	12.00
			<i>For Painted Steel, Add</i>	1.28	
			<i>For Galvanized Steel, Add</i>	3.83	
			<i>For Aluminum, Add</i>	7.66	
			<i>For Stainless Steel, Add</i>	31.90	



<b>Openings</b>	<b>08</b>	<b>08</b>
Windows	08 50	
Special Function Windows	08 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0033	SF		1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	49.71	14.68
			<i>For Painted Steel, Add</i>	1.62	
			<i>For Galvanized Steel, Add</i>	4.86	
			<i>For Aluminum, Add</i>	9.71	
			<i>For Stainless Steel, Add</i>	40.46	
08 56 56 00-0034	SF		3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	55.31	16.67
			<i>For Painted Steel, Add</i>	1.77	
			<i>For Galvanized Steel, Add</i>	5.30	
			<i>For Aluminum, Add</i>	10.59	
			<i>For Stainless Steel, Add</i>	44.13	
08 56 56 00-0035	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen .....	60.03	18.67
			<i>For Painted Steel, Add</i>	1.87	
			<i>For Galvanized Steel, Add</i>	5.60	
			<i>For Aluminum, Add</i>	11.21	
			<i>For Stainless Steel, Add</i>	46.69	
08 56 56 00-0036	SF		3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	65.61	21.35
			<i>For Painted Steel, Add</i>	2.01	
			<i>For Galvanized Steel, Add</i>	6.04	
			<i>For Aluminum, Add</i>	12.08	
			<i>For Stainless Steel, Add</i>	50.34	
08 56 56 00-0037	SF		3 Lb./SF, Expanded Metal, Operable, Steel Security Window Screen.....	74.95	23.34
			<i>For Painted Steel, Add</i>	2.35	
			<i>For Galvanized Steel, Add</i>	7.04	
			<i>For Aluminum, Add</i>	14.08	
			<i>For Stainless Steel, Add</i>	58.66	
<b>08 56 56 00-0038</b>			<b>Perforated Metal Security Screen (08 56 56)</b>		
<b>08 56 56 00-0039</b>			<b>Perforated Metal, Inoperable, Steel Security Window Screen (08 56 56 00-0038)</b>		
08 56 56 00-0040	SF		22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	27.76	6.01
			<i>For Painted Steel, Add</i>	0.99	
			<i>For Galvanized Steel, Add</i>	2.96	
			<i>For Aluminum, Add</i>	5.93	
			<i>For Stainless Steel, Add</i>	19.75	
08 56 56 00-0041	SF		20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	28.54	6.01
			<i>For Painted Steel, Add</i>	1.03	
			<i>For Galvanized Steel, Add</i>	3.08	
			<i>For Aluminum, Add</i>	6.16	
			<i>For Stainless Steel, Add</i>	20.53	
08 56 56 00-0042	SF		18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	31.18	6.01
			<i>For Painted Steel, Add</i>	1.16	
			<i>For Galvanized Steel, Add</i>	3.48	
			<i>For Aluminum, Add</i>	6.95	
			<i>For Stainless Steel, Add</i>	23.17	
08 56 56 00-0043	SF		16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen .....	36.17	6.01
			<i>For Painted Steel, Add</i>	1.41	
			<i>For Galvanized Steel, Add</i>	4.22	
			<i>For Aluminum, Add</i>	8.45	
			<i>For Stainless Steel, Add</i>	28.16	
<b>08 56 56 00-0044</b>			<b>Perforated Metal, Operable, Steel Security Window Screen (08 56 56 00-0038)</b>		
08 56 56 00-0045	SF		22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	38.73	7.33
			<i>For Painted Steel, Add</i>	1.40	
			<i>For Galvanized Steel, Add</i>	4.21	
			<i>For Aluminum, Add</i>	8.42	
			<i>For Stainless Steel, Add</i>	28.06	
08 56 56 00-0046	SF		20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	40.10	7.33
			<i>For Painted Steel, Add</i>	1.47	
			<i>For Galvanized Steel, Add</i>	4.41	
			<i>For Aluminum, Add</i>	8.83	
			<i>For Stainless Steel, Add</i>	29.43	
08 56 56 00-0047	SF		18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	43.52	7.33
			<i>For Painted Steel, Add</i>	1.64	
			<i>For Galvanized Steel, Add</i>	4.93	
			<i>For Aluminum, Add</i>	9.86	
			<i>For Stainless Steel, Add</i>	32.85	
08 56 56 00-0048	SF		16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen .....	50.66	7.33
			<i>For Painted Steel, Add</i>	2.00	
			<i>For Galvanized Steel, Add</i>	6.00	
			<i>For Aluminum, Add</i>	12.00	
			<i>For Stainless Steel, Add</i>	39.99	
<b>08 56 56 00-0049</b>			<b>Removal And Reinstallation Of Security Screens And Guards (08 56 56)</b>		
08 56 56 00-0050	SF		Removal And Reinstallation Of Security Screens.....	16.77	
<b>08 56 59</b>			<b>Service and Teller Window Units (08 56)</b>		
08 56 59 00-0001			Communicator For Window (08 56 59)		



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 50</b>	<b>Windows</b>
	<b>08 56</b>	<b>Special Function Windows</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 56 59 00-0002	EA	Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350)..... Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.	2,766.96	266.80
08 56 59 00-0003	EA	Electronic Two-Way Audio Communicator (Haven SC-300)..... Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,417.15	266.80
08 56 59 00-0004	EA	Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1).....	2,199.51	266.80
<b>08 56 59 00-0005</b>		<b>Speak-Thru Communicator For Window</b> <small>(08 56 59)</small>		
08 56 59 00-0006	EA	5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A)..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	155.56	
08 56 59 00-0007	EA	6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS)..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	231.32	
<b>08 56 59 00-0008</b>		<b>Counter Drop-In Deal Tray</b> <small>(08 56 59)</small>		
08 56 59 00-0009	EA	16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16).....	440.23	44.88

## 08 60 Roof Windows and Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

### 08 62 Unit Skylights (08 60)

#### 08 62 23 Tubular Skylights (08 62)

##### 08 62 23 00-0001 Aluminum Framed Solar Tube Skylights (08 62 23)

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

##### 08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

08 62 23 00-0003	EA	2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,330.51	192.60
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,047.44	
08 62 23 00-0004	EA	3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,405.95	197.42
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,048.40	
08 62 23 00-0005	EA	4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,479.18	202.23
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,049.37	
08 62 23 00-0006	EA	5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,583.12	207.05
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,050.33	



<b>Openings</b>	<b>08</b>
<b>Roof Windows and Skylights</b>	<b>08 60</b>
<b>Unit Skylights</b>	<b>08 62</b>

08

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 62 23 00-0007 EA 6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,673.91	211.86
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,051.29	
08 62 23 00-0008 EA 7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,747.15	216.67
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,052.26	
08 62 23 00-0009 EA 8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,820.37	221.49
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,053.22	
08 62 23 00-0010 EA 9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,941.86	226.31
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,054.18	
08 62 23 00-0011 EA 10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,015.11	231.12
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,055.15	
08 62 23 00-0012 EA 11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,090.54	235.94
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,056.11	
08 62 23 00-0013 EA 12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,163.76	240.76
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,057.07	
08 62 23 00-0014 EA 13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,285.25	245.57
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,058.03	
08 62 23 00-0015 EA 14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,358.50	250.38
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,059.00	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 60</b>	<b>Roof Windows and Skylights</b>
	<b>08 62</b>	<b>Unit Skylights</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 62 23 00-0016	EA	15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,431.73	255.19
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,059.96	
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,504.96	260.01
		<i>For Class 3 Hail Rated, Add</i>	4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
		<i>For Single Blade Louver, Add</i>	1,060.92	
08 62 23 00-0018		<b>31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights</b> <small>(08 62 23 00-0001)</small>		
08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,626.61	192.60
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,047.44	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,730.56	197.42
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,048.40	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,834.49	202.23
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,049.37	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,938.43	207.05
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,050.33	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,108.18	211.86
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,051.29	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,212.13	216.67
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,052.26	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,316.06	221.49
		<i>For Class 3 Hail Rated, Add</i>	5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
		<i>For FM Approved, Add</i>	22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
		<i>For Single Blade Louver, Add</i>	1,053.22	



<b>Openings</b>	<b>08</b>
<b>Roof Windows and Skylights</b>	<b>08 60</b>
<b>Unit Skylights</b>	<b>08 62</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0026	EA		9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,485.80	226.31
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,054.18	
08 62 23 00-0027	EA		10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,589.75	231.12
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,055.15	
08 62 23 00-0028	EA		11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,693.69	235.94
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,056.11	
08 62 23 00-0029	EA		12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,797.62	240.76
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,057.07	
08 62 23 00-0030	EA		13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,967.37	245.57
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,058.03	
08 62 23 00-0031	EA		14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,071.32	250.38
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,059.00	
08 62 23 00-0032	EA		15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,175.26	255.19
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,059.96	
08 62 23 00-0033	EA		16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,279.19	260.01
			<i>For Class 3 Hail Rated, Add</i>	5.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	22.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
			<i>For Single Blade Louver, Add</i>	1,060.92	
08 62 23 00-0034			<b>55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights</b>		
			<small>(08 62 23 00-0001)</small>		
08 62 23 00-0035	EA		2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,185.81	216.67
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,052.26	

**08 Openings****08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 62 23 00-0036	EA 3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,331.41	221.49
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,053.22	
08 62 23 00-0037	EA 4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,479.22	226.31
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,054.18	
08 62 23 00-0038	EA 5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,624.84	231.12
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,055.15	
08 62 23 00-0039	EA 6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,858.19	235.94
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,056.11	
08 62 23 00-0040	EA 7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,003.80	240.76
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,057.07	
08 62 23 00-0041	EA 8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,149.41	245.57
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,058.03	
08 62 23 00-0042	EA 9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,384.96	250.38
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,059.00	
08 62 23 00-0043	EA 10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,530.57	255.19
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,059.96	
08 62 23 00-0044	EA 11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,676.18	260.01
	<i>For Class 3 Hail Rated, Add</i>	10.00	
	<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
	<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
	<i>For FM Approved, Add</i>	36.00	
	<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
	<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
	<i>For Single Blade Louver, Add</i>	1,060.92	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0045 EA 12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,821.79	264.83
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,061.89	
08 62 23 00-0046 EA 13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,055.15	269.64
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,062.85	
08 62 23 00-0047 EA 14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,200.76	274.46
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,063.81	
08 62 23 00-0048 EA 15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,348.56	279.28
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,064.77	
08 62 23 00-0049 EA 16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,494.18	284.09
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,065.74	

### 08 63 Metal-Framed Skylights (08 60)

#### 08 63 13 Domed Metal-Framed Skylights (08 63)

08 63 13 00-0001	Domed Aluminum Framed Skylights <small>(08 63 13)</small>		
08 63 13 00-0002	Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0001)</small>		
08 63 13 00-0003	Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0004	Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0003)</small>		
	Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.		
08 63 13 00-0005 EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	844.69	130.01
08 63 13 00-0006 EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,013.97	139.63
08 63 13 00-0007 EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,362.55	154.08
08 63 13 00-0008 EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,528.09	163.71
08 63 13 00-0009 EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,071.57	139.63
08 63 13 00-0010 EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,323.62	154.08
08 63 13 00-0011 EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,434.69	163.71
08 63 13 00-0012 EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,624.21	173.34
08 63 13 00-0013 EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,879.40	187.79
08 63 13 00-0014 EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,348.18	163.71
08 63 13 00-0015 EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,457.11	168.53
08 63 13 00-0016 EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,633.26	173.34



**08 Openings****08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 63 13 00-0017	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,764.60	178.15
08 63 13 00-0018	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,945.08	192.60
08 63 13 00-0019	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,171.95	202.23
08 63 13 00-0020	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,588.43	173.34
08 63 13 00-0021	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,725.67	182.97
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,939.17	187.79
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,055.57	197.42
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,357.17	207.05
<b>08 63 13 00-0025</b>		<b>Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0003)</small>			
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.			
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,031.48	130.01
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,197.02	139.63
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,508.25	154.08
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,677.52	163.71
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,206.06	139.63
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,428.22	154.08
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,546.77	163.71
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,751.22	173.34
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,954.11	187.79
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,452.78	163.71
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,576.65	168.53
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,696.77	173.34
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,835.58	178.15
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,982.43	192.60
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,213.04	202.23
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,711.71	173.34
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,860.15	182.97
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,017.62	187.79
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,141.49	197.42
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		2,413.20	207.05
<b>08 63 13 00-0046</b>		<b>High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0003)</small>			
		Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.			
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,046.42	130.01
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,226.91	139.63
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,549.34	154.08
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,243.42	139.63
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,480.52	154.08
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,587.86	163.71
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....		1,796.05	173.34



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0054 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,486.40	163.71
08 63 13 00-0055 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,606.54	168.53
08 63 13 00-0056 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,745.33	173.34
08 63 13 00-0057 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,884.14	178.15
08 63 13 00-0058 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	2,042.20	192.60
08 63 13 00-0059 EA 63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,756.54	173.34
08 63 13 00-0060 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	1,919.92	182.97
08 63 13 00-0061 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	2,077.39	187.79
08 63 13 00-0062 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight .....	2,201.26	197.42
<b>08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0003)</small>		
<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.</small>		
08 63 13 00-0064 EA 27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,072.57	130.01
08 63 13 00-0065 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,268.00	139.63
08 63 13 00-0066 EA 27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,586.70	154.08
08 63 13 00-0067 EA 27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,812.00	163.71
08 63 13 00-0068 EA 39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,280.77	139.63
08 63 13 00-0069 EA 39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,514.14	154.08
08 63 13 00-0070 EA 39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,625.22	163.71
08 63 13 00-0071 EA 39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,852.09	173.34
08 63 13 00-0072 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,527.50	163.71
08 63 13 00-0073 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,647.63	168.53
08 63 13 00-0074 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,797.63	173.34
08 63 13 00-0075 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,940.18	178.15
08 63 13 00-0076 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	2,101.98	192.60
08 63 13 00-0077 EA 63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,812.57	173.34
08 63 13 00-0078 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,975.96	182.97
08 63 13 00-0079 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	2,137.16	187.79
08 63 13 00-0080 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	2,268.50	197.42
<b>08 63 13 00-0081 Curb Top Inserts</b> <small>(08 63 13 00-0003)</small>		
<small>Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb and flashing.</small>		
<b>08 63 13 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts</b> <small>(08 63 13 00-0081)</small>		
08 63 13 00-0083 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert .....	271.56	62.59
08 63 13 00-0084 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert .....	359.23	72.22
08 63 13 00-0085 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert .....	578.42	96.30
08 63 13 00-0086 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert .....	534.61	86.67
08 63 13 00-0087 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert .....	639.83	96.30
<b>08 63 13 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts</b> <small>(08 63 13 00-0081)</small>		
08 63 13 00-0089 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	361.48	62.59
08 63 13 00-0090 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	532.51	72.22
08 63 13 00-0091 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	892.06	96.30
08 63 13 00-0092 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	867.99	86.67
08 63 13 00-0093 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	1,074.10	96.30
<b>08 63 13 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts</b> <small>(08 63 13 00-0081)</small>		
08 63 13 00-0095 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert .....	449.22	62.59

**08 Openings****08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 63 13 00-0096	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert .....	697.00		72.22
08 63 13 00-0097	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert .....	1,278.08		96.30
08 63 13 00-0098	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert .....	1,179.44		86.67
08 63 13 00-0099	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert .....	1,477.67		96.30
08 63 13 00-0100		<b>Pyramid Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0002)</small>			
08 63 13 00-0101		<b>Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 13 00-0100)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.					
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight .....	777.45		130.01
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight .....	966.97		139.63
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight .....	1,243.58		163.71
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight .....	1,547.34		173.34
08 63 13 00-0106		<b>Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 13 00-0100)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.					
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,068.83		130.01
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,265.83		139.63
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,516.29		163.71
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,797.63		173.34
08 63 13 00-0111		<b>Double Hip Style Fixed Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0002)</small>			
08 63 13 00-0112		<b>Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 13 00-0111)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.					
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	915.67		130.01
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,250.48		154.08
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,468.32		163.71
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,181.66		154.08
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,289.00		163.71
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,542.02		173.34
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,800.95		187.79
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,356.25		168.53
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,487.57		173.34
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,630.11		178.15
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,780.71		192.60
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,089.76		202.23
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,684.57		182.97
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	1,883.14		187.79
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight .....	2,018.21		197.42
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,316.07		207.05
08 63 13 00-0129		<b>Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 13 00-0111)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.					
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,042.68		130.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0131 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,215.70	139.63
08 63 13 00-0132 EA 27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,526.92	154.08
08 63 13 00-0133 EA 39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,232.21	139.63
08 63 13 00-0134 EA 39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,358.23	149.27
08 63 13 00-0135 EA 39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,458.10	154.08
08 63 13 00-0136 EA 39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,565.44	163.71
08 63 13 00-0137 EA 39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,777.37	173.34
08 63 13 00-0138 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,471.46	168.53
08 63 13 00-0139 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,591.59	168.53
08 63 13 00-0140 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,722.92	173.34
08 63 13 00-0141 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,857.99	178.15
08 63 13 00-0142 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,012.32	192.60
08 63 13 00-0143 EA 63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,730.39	173.34
08 63 13 00-0144 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,893.77	182.97
08 63 13 00-0145 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,047.51	187.79
08 63 13 00-0146 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,167.64	197.42
<b>08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight</b> <small>(08 63 13 00-0111)</small>		
<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb and flashing.</small>		
08 63 13 00-0148 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,204.49	139.63
08 63 13 00-0149 EA 27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,575.49	154.08
08 63 13 00-0150 EA 39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,499.20	154.08
08 63 13 00-0151 EA 39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,614.01	163.71
08 63 13 00-0152 EA 39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,837.15	173.34
08 63 13 00-0153 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,636.42	168.53
08 63 13 00-0154 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,778.95	173.34
08 63 13 00-0155 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,925.23	178.15
08 63 13 00-0156 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,072.09	192.60
08 63 13 00-0157 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,961.01	182.97
08 63 13 00-0158 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,122.22	187.79
08 63 13 00-0159 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	2,249.83	197.42
<b>08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0001)</small>		
<b>08 63 13 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0160)</small>		
<small>Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing. Excludes roof curb and flashing.</small>		
<b>08 63 13 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0161)</small>		
<b>08 63 13 00-0163 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0162)</small>		
08 63 13 00-0164 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,941.11	192.60
08 63 13 00-0165 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,581.89	182.97
08 63 13 00-0166 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	5,191.40	192.60



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 60</b>	<b>Roof Windows and Skylights</b>
	<b>08 63</b>	<b>Metal-Framed Skylights</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>08 63 13 00-0167</b>	<b>25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0162)</small>		
08 63 13 00-0168	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,431.65	192.60
08 63 13 00-0169	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,087.38	182.97
08 63 13 00-0170	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,771.60	192.60
<b>08 63 13 00-0171</b>	<b>30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0162)</small>		
08 63 13 00-0172	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,861.26	192.60
08 63 13 00-0173	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,509.51	182.97
08 63 13 00-0174	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	7,193.73	192.60
<b>08 63 13 00-0175</b>	<b>Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0161)</small>		
<b>08 63 13 00-0176</b>	<b>10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0175)</small>		
08 63 13 00-0177	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	4,963.52	192.60
08 63 13 00-0178	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	4,604.30	182.97
08 63 13 00-0179	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 10 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	5,225.02	192.60
<b>08 63 13 00-0180</b>	<b>25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0175)</small>		
08 63 13 00-0181	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,461.54	192.60
08 63 13 00-0182	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,109.79	182.97
08 63 13 00-0183	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,808.96	192.60
<b>08 63 13 00-0184</b>	<b>30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights</b> <small>(08 63 13 00-0175)</small>		
08 63 13 00-0185	EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,883.67	192.60
08 63 13 00-0186	EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	6,531.92	182.97
08 63 13 00-0187	EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 30 Lb. Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight .....	7,231.09	192.60

**08 66 Wood-Framed Skylights** (08 60)

<b>08 66 00 00-0001</b>	<b>Wood-Framed Skylights (Andersen 400 Series)</b> <small>(08 66)</small>		
08 66 00 00-0002	EA 16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	754.52	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	114.27	
	<i>For Aluminum Shingle Flashing, Add</i>	91.42	
08 66 00 00-0003	EA 16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	773.18	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	118.94	
	<i>For Aluminum Shingle Flashing, Add</i>	95.15	
08 66 00 00-0004	EA 24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	728.87	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	107.86	
	<i>For Aluminum Shingle Flashing, Add</i>	86.29	
08 66 00 00-0005	EA 24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	787.17	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	122.43	
	<i>For Aluminum Shingle Flashing, Add</i>	97.95	
08 66 00 00-0006	EA 24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	836.14	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	134.68	
	<i>For Aluminum Shingle Flashing, Add</i>	107.74	
08 66 00 00-0007	EA 24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	915.43	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	154.50	
	<i>For Aluminum Shingle Flashing, Add</i>	123.60	
08 66 00 00-0008	EA 24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series) .....	1,015.71	148.72
	<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	179.57	
	<i>For Aluminum Shingle Flashing, Add</i>	143.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0009 EA 27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	728.87 107.86 86.29	148.72
08 66 00 00-0010 EA 28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	847.80 137.59 110.07	148.72
08 66 00 00-0011 EA 28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	915.43 154.50 123.60	148.72
08 66 00 00-0012 EA 28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	992.39 173.74 138.99	148.72
08 66 00 00-0013 EA 28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	1,095.00 199.39 159.51	148.72
08 66 00 00-0014 EA 38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	754.52 114.27 91.42	148.72
08 66 00 00-0015 EA 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	787.17 122.43 97.95	148.72
08 66 00 00-0016 EA 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	847.80 137.59 110.07	148.72
08 66 00 00-0017 EA 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	1,062.35 191.23 152.98	148.72
08 66 00 00-0018 EA 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	773.18 118.94 95.15	148.72
08 66 00 00-0019 EA 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	836.14 134.68 107.74	148.72
08 66 00 00-0020 EA 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	915.43 154.50 123.60	148.72
08 66 00 00-0021 EA 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	1,062.35 191.23 152.98	148.72
08 66 00 00-0022 EA 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	915.43 154.50 123.60	148.72
08 66 00 00-0023 EA 57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	992.39 173.74 138.99	148.72
08 66 00 00-0024 EA 72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	1,015.71 179.57 143.65	148.72
08 66 00 00-0025 EA 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series)..... <i>For Tempered Laminated Low-E Insulated Glass, Add</i> <i>For Aluminum Shingle Flashing, Add</i>	1,095.00 199.39 159.51	148.72

## 08 70 Hardware <sup>(08)</sup>

### 08 71 Door Hardware <sup>(08 70)</sup>

#### 08 71 11 Door Hardware <sup>(08 71)</sup>

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001	Hinges <sup>(08 71 11)</sup> Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.		
08 71 11 00-0002	Brass/Bronze, Satin Chrome Finish Hinges <sup>(08 71 11 00-0001)</sup> Note: US26D (BHMA 626) satin chrome finish.		
08 71 11 00-0003	Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges <sup>(08 71 11 00-0002)</sup> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0004	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	90.84 6.55 6.00	8.32
08 71 11 00-0005	PR 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	99.68 7.29 6.00	11.90
08 71 11 00-0006	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge ..... <i>For Clear Coated Bright Brass, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	111.55 6.10 6.00	13.08
08 71 11 00-0007	Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <sup>(08 71 11 00-0002)</sup> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0008	PR		3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....104.94 <i>For Clear Coated Bright Brass, Add</i> 8.41 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		8.32
08 71 11 00-0009	PR		4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....119.52 <i>For Clear Coated Bright Brass, Add</i> 8.41 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		11.90
08 71 11 00-0010	PR		4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....121.04 <i>For Clear Coated Bright Brass, Add</i> 7.43 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		13.08
08 71 11 00-0011	PR		5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....141.41 <i>For Clear Coated Bright Brass, Add</i> 8.69 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		15.47
08 71 11 00-0012	PR		5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....142.35 <i>For Clear Coated Bright Brass, Add</i> 8.82 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		15.47
08 71 11 00-0013	PR		6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....153.15 <i>For Clear Coated Bright Brass, Add</i> 10.34 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		19.87
<b>08 71 11 00-0014</b>			<b>Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges</b> (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0015	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....119.40		8.32
08 71 11 00-0016	PR		4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....133.98		11.90
08 71 11 00-0017	PR		4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....136.78		13.08
08 71 11 00-0018	PR		5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....158.76		15.47
<b>08 71 11 00-0019</b>			<b>Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges</b> (08 71 11 00-0002) Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0020	PR		4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....152.61 <i>For Clear Coated Bright Brass, Add</i> 11.85 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		13.08
08 71 11 00-0021	PR		5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....173.24 <i>For Clear Coated Bright Brass, Add</i> 13.15 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		15.47
08 71 11 00-0022	PR		5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....193.12 <i>For Clear Coated Bright Brass, Add</i> 15.93 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		15.47
<b>08 71 11 00-0023</b>			<b>Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges</b> (08 71 11 00-0002) Note: Set into mortised edge of the door and surface applied to the face of the frame.		
08 71 11 00-0024	PR		4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....156.55 <i>For Clear Coated Bright Brass, Add</i> 12.40 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		13.08
08 71 11 00-0025	PR		5" x 4" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....184.43 <i>For Clear Coated Bright Brass, Add</i> 14.72 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		15.47
<b>08 71 11 00-0026</b>			<b>Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge</b> (08 71 11 00-0002) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0027	PR		4-1/2" x 4-1/2" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....151.79 <i>For Clear Coated Bright Brass, Add</i> 11.73 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		13.08
08 71 11 00-0028	PR		5" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....175.40 <i>For Clear Coated Bright Brass, Add</i> 13.45 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		19.87
08 71 11 00-0029	PR		6" x 5" Heavy-Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge .....209.56 <i>For Clear Coated Bright Brass, Add</i> 18.23 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00 <i>For Owner Furnished Material, Deduct</i> -130.24		19.87
<b>08 71 11 00-0030</b>			<b>Mortised, Wrought Steel Hinges</b> (08 71 11 00-0001) Note: Clear coated, US 26D satin chrome finish (BHMA 652).		
<b>08 71 11 00-0031</b>			<b>Full Mortise, Plain Bearing, Wrought Steel Hinges</b> (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0032	PR		3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge .....62.43 <i>For Primed For Paint Finish, Deduct</i> -3.51 <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> 2.19 <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> -2.10 <i>For Stainless Steel, Add</i> 9.64 <i>For Heavy-Duty, Add</i> 2.63 <i>For Pair Of Non-Removable Pins (NRP), Add</i> 6.00		8.32



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0033 PR 4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge .....	78.83	11.90
For Primed For Paint Finish, Deduct	-3.87	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.42	
For Satin Brass Plated Clear Coated Finish, Deduct	-2.32	
For Stainless Steel, Add	10.64	
For Heavy-Duty, Add	2.90	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0034 PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge.....	91.57	13.08
For Primed For Paint Finish, Deduct	-4.72	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.95	
For Satin Brass Plated Clear Coated Finish, Deduct	-2.83	
For Stainless Steel, Add	12.97	
For Heavy-Duty, Add	3.54	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
<b>08 71 11 00-0035 Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)</b>		
Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0036 PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	108.81	8.32
For Primed For Paint Finish, Deduct	-12.78	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	7.99	
For Satin Brass Plated Clear Coated Finish, Deduct	-7.67	
For Stainless Steel, Add	35.15	
For Heavy-Duty, Add	9.59	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0037 PR 4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	131.85	11.90
For Primed For Paint Finish, Deduct	-14.47	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	9.05	
For Satin Brass Plated Clear Coated Finish, Deduct	-8.68	
For Stainless Steel, Add	39.80	
For Heavy-Duty, Add	10.86	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0038 PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	107.63	13.08
For Primed For Paint Finish, Deduct	-7.93	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	4.96	
For Satin Brass Plated Clear Coated Finish, Deduct	-4.76	
For Stainless Steel, Add	21.80	
For Heavy-Duty, Add	5.95	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0039 PR 5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	185.13	15.47
For Primed For Paint Finish, Deduct	-21.16	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	13.23	
For Satin Brass Plated Clear Coated Finish, Deduct	-12.70	
For Stainless Steel, Add	58.20	
For Heavy-Duty, Add	15.87	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0040 PR 5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	200.06	15.47
For Primed For Paint Finish, Deduct	-24.15	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	15.09	
For Satin Brass Plated Clear Coated Finish, Deduct	-14.49	
For Stainless Steel, Add	66.41	
For Heavy-Duty, Add	18.11	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0041 PR 6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	245.59	15.47
For Primed For Paint Finish, Deduct	-33.25	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	20.78	
For Satin Brass Plated Clear Coated Finish, Deduct	-19.95	
For Stainless Steel, Add	91.45	
For Heavy-Duty, Add	24.94	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
<b>08 71 11 00-0042 Half Surface, Plain Bearing, Wrought Steel Hinges (08 71 11 00-0030)</b>		
Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0043 PR 3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge .....	135.59	8.32
For Primed For Paint Finish, Deduct	-18.14	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	11.34	
For Satin Brass Plated Clear Coated Finish, Deduct	-10.88	
For Stainless Steel, Add	49.88	
For Heavy-Duty, Add	13.60	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0044 PR 4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	162.26	11.90
For Primed For Paint Finish, Deduct	-20.56	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	12.85	
For Satin Brass Plated Clear Coated Finish, Deduct	-12.33	
For Stainless Steel, Add	56.53	
For Heavy-Duty, Add	15.42	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0045 PR 4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge .....	182.86	13.08
For Primed For Paint Finish, Deduct	-22.97	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	14.36	
For Satin Brass Plated Clear Coated Finish, Deduct	-13.78	
For Stainless Steel, Add	63.18	
For Heavy-Duty, Add	17.23	
For Pair Of Non-Removable Pins (NRP), Add	6.00	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0046	PR 5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	206.29 -25.39 15.87 -15.24 69.83 19.05 6.00	15.47
08 71 11 00-0047	<b>Half Surface, Ball Bearing, Wrought Steel Hinges</b> (08 71 11 00-0030) Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0048	PR 4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	189.47 -26.00 16.25 -15.60 71.49 19.50 6.00	13.08
08 71 11 00-0049	PR 4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge ..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	211.83 -28.77 17.98 -17.26 79.11 21.58 6.00	13.08
08 71 11 00-0050	PR 5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	245.59 -33.25 20.78 -19.95 91.45 24.94 6.00	15.47
08 71 11 00-0051	<b>Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges</b> (08 71 11 00-0030) Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0052	PR 4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	149.85 -16.37 10.23 -9.82 45.02 12.28 6.00	13.08
08 71 11 00-0053	<b>Blank Butt Hinges</b> (08 71 11 00-0030)		
08 71 11 00-0054	PR 3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge ..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i> <i>For Heavy-Duty, Add</i> <i>For Pair Of Non-Removable Pins (NRP), Add</i>	31.69 -2.08 1.30 -1.25 5.73 1.56 6.00	5.35
08 71 11 00-0055	<b>Full Mortise, Single Acting Spring, Wrought Steel Hinges</b> (08 71 11 00-0030) Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0056	PR 3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i>	123.09 -15.64 9.77 -9.38 43.00	8.32
08 71 11 00-0057	PR 4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i>	161.76 -20.46 12.79 -12.27 56.25	11.90
08 71 11 00-0058	PR 4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge..... <i>For Primed For Paint Finish, Deduct</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i> <i>For Satin Brass Plated Clear Coated Finish, Deduct</i> <i>For Stainless Steel, Add</i>	218.44 -30.09 18.81 -18.05 82.75	13.08
08 71 11 00-0059	<b>Offset And Pivot Hinges</b> (08 71 11 00-0001) Note: Satin chrome plated, US26D.		
08 71 11 00-0060	<b>Offset Swing Clear Hinges</b> (08 71 11 00-0059) Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0061	EA 4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges.....	183.76	3.71
08 71 11 00-0062	<b>Offset Pivot Hinges</b> (08 71 11 00-0059)		
08 71 11 00-0063	<b>3/4" Offset Pivot Hinges</b> (08 71 11 00-0062)		









	<b>Openings</b>	<b>08</b>
	<b>Hardware</b>	<b>08 70</b>
	<b>Door Hardware</b>	<b>08 71</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0186	EA		Satin Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	520.56	14.88
08 71 11 00-0187	EA		Bright Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	577.72	14.88
08 71 11 00-0188	EA		Satin Brass Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	577.72	14.88
08 71 11 00-0189	EA		Satin Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	577.72	14.88
08 71 11 00-0190	EA		Dark Bronze Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	577.72	14.88
08 71 11 00-0191	EA		Bright Chrome Finish, 700 Lb. Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM) .....	577.72	14.88
<b>08 71 11 00-0192</b>			<b>Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0063)		
<b>08 71 11 00-0193</b>			<b>Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0192)		
<b>08 71 11 00-0194</b>			<b>500 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b>		
			(08 71 11 00-0193)		
08 71 11 00-0195	EA		Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	288.62	14.88
08 71 11 00-0196	EA		Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	341.26	14.88
08 71 11 00-0197	EA		Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	383.85	14.88
08 71 11 00-0198	EA		Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	383.85	14.88
08 71 11 00-0199	EA		Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top) .....	383.85	14.88
<b>08 71 11 00-0200</b>			<b>600 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b>		
			(08 71 11 00-0193)		
08 71 11 00-0201	EA		Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	288.62	14.88
08 71 11 00-0202	EA		Satin Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	341.26	14.88
08 71 11 00-0203	EA		Bright Stainless Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	383.85	14.88
08 71 11 00-0204	EA		Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	383.85	14.88
08 71 11 00-0205	EA		Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top) .....	383.85	14.88
<b>08 71 11 00-0206</b>			<b>700 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b>		
			(08 71 11 00-0193)		
08 71 11 00-0207	EA		Painted Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) .....	288.62	14.88
08 71 11 00-0208	EA		Satin Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) .....	341.26	14.88
08 71 11 00-0209	EA		Bright Stainless Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) .....	383.85	14.88
08 71 11 00-0210	EA		Bright Brass Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) .....	383.85	14.88
08 71 11 00-0211	EA		Satin Bronze Finish, 700 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top) .....	383.85	14.88
<b>08 71 11 00-0212</b>			<b>1,000 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b>		
			(08 71 11 00-0193)		
08 71 11 00-0213	EA		Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) .....	303.51	17.85
08 71 11 00-0214	EA		Satin Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) .....	347.21	17.85
08 71 11 00-0215	EA		Bright Stainless Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) .....	367.39	17.85
08 71 11 00-0216	EA		Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) .....	367.39	17.85
08 71 11 00-0217	EA		Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top) .....	367.39	17.85
<b>08 71 11 00-0218</b>			<b>1,750 Lb. Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges</b>		
			(08 71 11 00-0193)		
08 71 11 00-0219	EA		Painted Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) .....	303.51	17.85
08 71 11 00-0220	EA		Satin Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) .....	347.21	17.85
08 71 11 00-0221	EA		Bright Stainless Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) .....	367.39	17.85
08 71 11 00-0222	EA		Bright Brass Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) .....	367.39	17.85
08 71 11 00-0223	EA		Satin Bronze Finish, 1,750 Lb. Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top) .....	367.39	17.85
<b>08 71 11 00-0224</b>			<b>Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0192)		



**08 Openings****08 70 Hardware****08 71 Door Hardware**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 71 11 00-0225		<b>500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0224)</small>		
08 71 11 00-0226	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) .....	297.56	14.88
08 71 11 00-0227	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) .....	346.87	14.88
08 71 11 00-0228	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) .....	361.44	14.88
08 71 11 00-0229	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) .....	361.44	14.88
08 71 11 00-0230	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT) .....	361.44	14.88
08 71 11 00-0231		<b>600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0224)</small>		
08 71 11 00-0232	EA	Painted Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) .....	297.56	14.88
08 71 11 00-0233	EA	Satin Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) .....	346.87	14.88
08 71 11 00-0234	EA	Bright Stainless Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) .....	361.44	14.88
08 71 11 00-0235	EA	Bright Brass Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) .....	361.44	14.88
08 71 11 00-0236	EA	Satin Bronze Finish, 600 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT) .....	361.44	14.88
08 71 11 00-0237		<b>700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0224)</small>		
08 71 11 00-0238	EA	Painted Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	297.56	14.88
08 71 11 00-0239	EA	Satin Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	346.87	14.88
08 71 11 00-0240	EA	Bright Stainless Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	361.44	14.88
08 71 11 00-0241	EA	Bright Brass Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	361.44	14.88
08 71 11 00-0242	EA	Satin Bronze Finish, 700 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT) .....	361.44	14.88
08 71 11 00-0243		<b>1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0224)</small>		
08 71 11 00-0244	EA	Painted Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	332.66	17.85
08 71 11 00-0245	EA	Satin Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	383.07	17.85
08 71 11 00-0246	EA	Bright Stainless Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	396.52	17.85
08 71 11 00-0247	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	396.52	17.85
08 71 11 00-0248	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT) .....	396.52	17.85
08 71 11 00-0249		<b>1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0224)</small>		
08 71 11 00-0250	EA	Painted Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	332.66	17.85
08 71 11 00-0251	EA	Satin Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	383.07	17.85
08 71 11 00-0252	EA	Bright Stainless Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	396.52	17.85
08 71 11 00-0253	EA	Bright Brass Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	396.52	17.85
08 71 11 00-0254	EA	Satin Bronze Finish, 1,750 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT) .....	396.52	17.85
08 71 11 00-0255		<b>Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0192)</small>		
08 71 11 00-0256		<b>500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> <small>(08 71 11 00-0255)</small>		
08 71 11 00-0257	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	332.32	14.88
08 71 11 00-0258	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	411.87	14.88
08 71 11 00-0259	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	442.12	14.88



	<b>Openings</b>	<b>08</b>
	Hardware	08 70
	Door Hardware	08 71

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0260	EA		Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	442.12	14.88
08 71 11 00-0261	EA		Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM).....	442.12	14.88
<b>08 71 11 00-0262</b>			<b>600 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0255)		
08 71 11 00-0263	EA		Painted Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	326.71	14.88
08 71 11 00-0264	EA		Satin Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	346.87	14.88
08 71 11 00-0265	EA		Bright Stainless Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	398.43	14.88
08 71 11 00-0266	EA		Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	398.43	14.88
08 71 11 00-0267	EA		Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	398.43	14.88
<b>08 71 11 00-0268</b>			<b>1,000 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0255)		
08 71 11 00-0269	EA		Painted Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	375.23	17.85
08 71 11 00-0270	EA		Satin Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	417.82	17.85
08 71 11 00-0271	EA		Bright Stainless Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	433.50	17.85
08 71 11 00-0272	EA		Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	433.50	17.85
08 71 11 00-0273	EA		Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	433.50	17.85
<b>08 71 11 00-0274</b>			<b>1,750 Lb. Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0255)		
08 71 11 00-0275	EA		Painted Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	533.24	17.85
08 71 11 00-0276	EA		Satin Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	569.10	17.85
08 71 11 00-0277	EA		Bright Stainless Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	583.67	17.85
08 71 11 00-0278	EA		Bright Brass Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	583.67	17.85
08 71 11 00-0279	EA		Satin Bronze Finish, 1,750 Lb. Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	583.67	17.85
<b>08 71 11 00-0280</b>			<b>1-1/2" Offset Pivot Hinges</b> (08 71 11 00-0062)		
<b>08 71 11 00-0281</b>			<b>Fire Rated, 1-1/2" Offset Pivot Hinges</b> (08 71 11 00-0280)		
<b>08 71 11 00-0282</b>			<b>Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges</b> (08 71 11 00-0281)		
<b>08 71 11 00-0283</b>			<b>400 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges</b> (08 71 11 00-0282)		
08 71 11 00-0284	EA		Painted Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	341.26	14.88
08 71 11 00-0285	EA		Satin Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	369.28	14.88
08 71 11 00-0286	EA		Bright Stainless Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	390.57	14.88
08 71 11 00-0287	EA		Bright Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	390.57	14.88
08 71 11 00-0288	EA		Satin Bronze Finish, 400 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	390.57	14.88
<b>08 71 11 00-0289</b>			<b>500 Lb. Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges</b> (08 71 11 00-0282)		
08 71 11 00-0290	EA		Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	341.26	14.88
08 71 11 00-0291	EA		Satin Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	369.28	14.88
08 71 11 00-0292	EA		Bright Stainless Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	390.57	14.88
08 71 11 00-0293	EA		Bright Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	390.57	14.88
08 71 11 00-0294	EA		Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	390.57	14.88

**08 Openings****08 70 Hardware****08 71 Door Hardware**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 71 11 00-0295	Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0281)</small>			
08 71 11 00-0296	400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0295)</small>			
08 71 11 00-0297	EA	Painted Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) .....	354.71	14.88
08 71 11 00-0298	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) .....	398.43	14.88
08 71 11 00-0299	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) .....	419.71	14.88
08 71 11 00-0300	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) .....	419.71	14.88
08 71 11 00-0301	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT) .....	419.71	14.88
08 71 11 00-0302	500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0295)</small>			
08 71 11 00-0303	EA	Painted Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) .....	354.71	14.88
08 71 11 00-0304	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) .....	398.43	14.88
08 71 11 00-0305	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) .....	419.71	14.88
08 71 11 00-0306	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) .....	419.71	14.88
08 71 11 00-0307	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT) .....	419.71	14.88
08 71 11 00-0308	Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0281)</small>			
08 71 11 00-0309	400 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0308)</small>			
08 71 11 00-0310	EA	Painted Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) .....	346.87	14.88
08 71 11 00-0311	EA	Satin Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) .....	398.43	14.88
08 71 11 00-0312	EA	Bright Stainless Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) .....	419.71	14.88
08 71 11 00-0313	EA	Bright Brass Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) .....	419.71	14.88
08 71 11 00-0314	EA	Satin Bronze Finish, 400 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM) .....	419.71	14.88
08 71 11 00-0315	500 Lb. Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0308)</small>			
08 71 11 00-0316	EA	Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) .....	563.15	14.88
08 71 11 00-0317	EA	Satin Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) .....	621.42	14.88
08 71 11 00-0318	EA	Bright Stainless Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) .....	636.00	14.88
08 71 11 00-0319	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) .....	636.00	14.88
08 71 11 00-0320	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM) .....	636.00	14.88
08 71 11 00-0321	Center Hung Pivot Hinges <small>(08 71 11 00-0059)</small>			
08 71 11 00-0322	Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0321)</small>			
08 71 11 00-0323	300 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>			
08 71 11 00-0324	EA	Painted Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	176.19	11.90
08 71 11 00-0325	EA	Satin Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0326	EA	Bright Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0327	EA	Satin Brass Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0328	EA	Satin Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0329	EA	Dark Bronze Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0330	EA	Bright Chrome Finish, 300 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top) .....	190.77	11.90
08 71 11 00-0331	500 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0322)</small>			
08 71 11 00-0332	EA	Painted Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	182.14	14.88
08 71 11 00-0333	EA	Satin Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88
08 71 11 00-0334	EA	Bright Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88
08 71 11 00-0335	EA	Satin Brass Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88
08 71 11 00-0336	EA	Satin Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88
08 71 11 00-0337	EA	Dark Bronze Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0338	EA		Bright Chrome Finish, 500 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top) .....	196.72	14.88
<b>08 71 11 00-0339</b>			<b>600 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges</b> (08 71 11 00-0322)		
08 71 11 00-0340	EA		Painted Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	182.14	14.88
08 71 11 00-0341	EA		Satin Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
08 71 11 00-0342	EA		Bright Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
08 71 11 00-0343	EA		Satin Brass Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
08 71 11 00-0344	EA		Satin Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
08 71 11 00-0345	EA		Dark Bronze Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
08 71 11 00-0346	EA		Bright Chrome Finish, 600 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top) .....	196.72	14.88
<b>08 71 11 00-0347</b>			<b>1,000 Lb. Max Door Weight, Top Mount, Center Hung Pivot Hinges</b> (08 71 11 00-0322)		
08 71 11 00-0348	EA		Painted Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	288.94	17.85
08 71 11 00-0349	EA		Satin Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	338.27	17.85
08 71 11 00-0350	EA		Bright Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	389.80	17.85
08 71 11 00-0351	EA		Satin Brass Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	389.80	17.85
08 71 11 00-0352	EA		Satin Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	389.80	17.85
08 71 11 00-0353	EA		Dark Bronze Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	389.80	17.85
08 71 11 00-0354	EA		Bright Chrome Finish, 1,000 Lb. Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top) .....	389.80	17.85
<b>08 71 11 00-0355</b>			<b>Bottom Mount, Center Hung Pivot Hinges</b> (08 71 11 00-0321)		
<b>08 71 11 00-0356</b>			<b>300 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges</b> (08 71 11 00-0355)		
08 71 11 00-0357	EA		Painted Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	133.60	11.90
08 71 11 00-0358	EA		Satin Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	154.91	11.90
08 71 11 00-0359	EA		Bright Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	176.19	11.90
08 71 11 00-0360	EA		Satin Brass Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	176.19	11.90
08 71 11 00-0361	EA		Satin Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	176.19	11.90
08 71 11 00-0362	EA		Dark Bronze Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	176.19	11.90
08 71 11 00-0363	EA		Bright Chrome Finish, 300 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM) .....	176.19	11.90
<b>08 71 11 00-0364</b>			<b>500 Lb. Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges</b> (08 71 11 00-0355)		
08 71 11 00-0365	EA		Painted Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	196.72	14.88
08 71 11 00-0366	EA		Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0367	EA		Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0368	EA		Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0369	EA		Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0370	EA		Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0371	EA		Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM) .....	203.43	14.88
08 71 11 00-0372	EA		Painted Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	196.72	14.88
08 71 11 00-0373	EA		Satin Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
08 71 11 00-0374	EA		Bright Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
08 71 11 00-0375	EA		Satin Brass Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
08 71 11 00-0376	EA		Satin Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
08 71 11 00-0377	EA		Dark Bronze Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
08 71 11 00-0378	EA		Bright Chrome Finish, 500 Lb. Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM) .....	203.43	14.88
<b>08 71 11 00-0379</b>			<b>600 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges</b> (08 71 11 00-0355)		
08 71 11 00-0380	EA		Painted Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	398.43	14.88
08 71 11 00-0381	EA		Satin Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	419.71	14.88
08 71 11 00-0382	EA		Bright Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	442.12	14.88
08 71 11 00-0383	EA		Satin Brass Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	442.12	14.88
08 71 11 00-0384	EA		Satin Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	442.12	14.88
08 71 11 00-0385	EA		Dark Bronze Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	442.12	14.88
08 71 11 00-0386	EA		Bright Chrome Finish, 600 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM) .....	442.12	14.88

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0387		<b>1,000 Lb. Max Door Weight, Bottom Mount, Center Hung Pivot Hinges</b> <small>(08 71 11 00-0385)</small>		
08 71 11 00-0388	EA	Painted Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM) .....	734.95	17.85
08 71 11 00-0389	EA	Satin Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	756.24	17.85
08 71 11 00-0390	EA	Bright Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	785.38	17.85
08 71 11 00-0391	EA	Satin Brass Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	785.38	17.85
08 71 11 00-0392	EA	Satin Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	785.38	17.85
08 71 11 00-0393	EA	Dark Bronze Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	785.38	17.85
08 71 11 00-0394	EA	Bright Chrome Finish, 1,000 Lb. Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	785.38	17.85
08 71 11 00-0395		<b>Continuous Barrel-Type Hinge</b> <small>(08 71 11 00-0001)</small>		
08 71 11 00-0396	LF	1-1/2" Wide, Steel, Continuous Barrel-Type Hinge .....	30.33	4.76
		<i>For Stainless Steel, Add</i> .....	6.22	
		<i>For Brass Or Nickel, Add</i> .....	6.78	
		<i>For Aluminum, Add</i> .....	2.21	
		<i>For Medium Gauge, Deduct</i> .....	-2.26	
08 71 11 00-0397	LF	2" Wide, Steel, Continuous Barrel-Type Hinge .....	31.08	4.76
		<i>For Stainless Steel, Add</i> .....	6.63	
		<i>For Brass Or Nickel, Add</i> .....	7.23	
		<i>For Aluminum, Add</i> .....	2.36	
		<i>For Medium Gauge, Deduct</i> .....	-2.41	
08 71 11 00-0398	LF	2-1/2" Wide, Steel, Continuous Barrel-Type Hinge .....	32.59	4.76
		<i>For Stainless Steel, Add</i> .....	7.46	
		<i>For Brass Or Nickel, Add</i> .....	8.14	
		<i>For Aluminum, Add</i> .....	2.66	
		<i>For Medium Gauge, Deduct</i> .....	-2.71	
08 71 11 00-0399	LF	3" Wide, Steel, Continuous Barrel-Type Hinge .....	34.29	4.76
		<i>For Stainless Steel, Add</i> .....	8.39	
		<i>For Brass Or Nickel, Add</i> .....	9.16	
		<i>For Aluminum, Add</i> .....	2.99	
		<i>For Medium Gauge, Deduct</i> .....	-3.05	
08 71 11 00-0400		<b>Continuous Geared Hinges</b> <small>(08 71 11 00-0001)</small>		
08 71 11 00-0401	LF	Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053).....	62.71	4.76
		<i>For Bronze Finish, Add</i> .....	16.38	
		<i>For Heavy-Duty, Add</i> .....	11.67	
08 71 11 00-0402	LF	Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057).....	67.81	4.76
		<i>For Bronze Finish, Add</i> .....	18.29	
		<i>For Heavy-Duty, Add</i> .....	13.03	
08 71 11 00-0403	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112).....	42.22	4.76
		<i>For Bronze Finish, Add</i> .....	8.70	
08 71 11 00-0404	LF	Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy-Duty (Roton 780-112HD).....	49.62	4.76
		<i>For Bronze Finish, Add</i> .....	11.47	
08 71 11 00-0405		<b>Mortised, Primed Steel, Double Acting Spring Hinges</b> <small>(08 71 11 00-0001)</small>		
08 71 11 00-0406	PR	2", Mortised, Primed Steel, Double Acting Spring Hinge .....	180.15	8.32
		<i>For Satin Brass, Add</i> .....	33.24	
08 71 11 00-0407	PR	3", Mortised, Primed Steel, Double Acting Spring Hinge .....	192.11	10.71
		<i>For Satin Brass, Add</i> .....	33.26	
08 71 11 00-0408	PR	4", Mortised, Primed Steel, Double Acting Spring Hinge .....	211.56	13.08
		<i>For Satin Brass, Add</i> .....	35.07	
08 71 11 00-0409	PR	5", Mortised, Primed Steel, Double Acting Spring Hinge .....	279.51	15.47
		<i>For Satin Brass, Add</i> .....	48.52	
08 71 11 00-0410	PR	6", Mortised, Primed Steel, Double Acting Spring Hinge .....	311.89	17.85
		<i>For Satin Brass, Add</i> .....	53.44	
08 71 11 00-0411	PR	7", Mortised, Primed Steel, Double Acting Spring Hinge .....	376.94	20.23
		<i>For Satin Brass, Add</i> .....	66.19	
08 71 11 00-0412	PR	8", Mortised, Primed Steel, Double Acting Spring Hinge .....	518.69	56.52
		<i>For Satin Brass, Add</i> .....	97.36	
08 71 11 00-0413		<b>Security Hinges</b> <small>(08 71 11 00-0001)</small>		
08 71 11 00-0414	EA	4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge .....	42.99	8.32
08 71 11 00-0415		<b>Concealed Circuit Electric Hinge Option</b> <small>(08 71 11 00-0001)</small>		
		Note: Excludes the hinge. These tasks are used in conjunction with other hinges to electrify the hinge.		
08 71 11 00-0416	EA	4 Wire Concealed Circuit Electric Hinge Option.....	312.97	
08 71 11 00-0417	EA	6 Wire Concealed Circuit Electric Hinge Option.....	369.51	
08 71 11 00-0418	EA	8 Wire Concealed Circuit Electric Hinge Option.....	426.06	
08 71 11 00-0419		<b>Hinge Filler Plates For Door Frames</b> <small>(08 71 11 00-0001)</small>		
08 71 11 00-0420	PR	Hinge Filler Plates For Door Frames.....	22.14	5.95





	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0421		Door Trim <small>(08 71 11)</small>		
08 71 11 00-0422		Floor Stops, Wall Stops And Bumpers <small>(08 71 11 00-0421)</small>		
08 71 11 00-0423		Floor Stops <small>(08 71 11 00-0422)</small>		
08 71 11 00-0424		Aluminum Floor Stops <small>(08 71 11 00-0423)</small>		
08 71 11 00-0425	EA	1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430) .....	33.52	14.88
08 71 11 00-0426	EA	1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436) .....	37.27	14.88
08 71 11 00-0427	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438) .....	38.70	14.88
08 71 11 00-0428	EA	2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441) .....	60.49	14.88
08 71 11 00-0429	EA	3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448) .....	63.09	14.88
08 71 11 00-0430		Brass Floor Stops <small>(08 71 11 00-0423)</small>		
08 71 11 00-0431	EA	1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436) .....	37.79	14.88
08 71 11 00-0432	EA	1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436) .....	39.23	14.88
08 71 11 00-0433	EA	1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436) .....	39.23	14.88
08 71 11 00-0434	EA	1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436) .....	39.78	14.88
08 71 11 00-0435	EA	1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436) .....	40.52	14.88
08 71 11 00-0436	EA	1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436) .....	40.52	14.88
08 71 11 00-0437	EA	1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436) .....	40.52	14.88
08 71 11 00-0438	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438) .....	38.70	14.88
08 71 11 00-0439	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438) .....	40.87	14.88
08 71 11 00-0440	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438) .....	40.87	14.88
08 71 11 00-0441	EA	1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438) .....	41.72	14.88
08 71 11 00-0442	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438) .....	42.45	14.88
08 71 11 00-0443	EA	1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438) .....	42.45	14.88
08 71 11 00-0444	EA	1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438) .....	45.87	14.88
08 71 11 00-0445	EA	1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13) .....	41.01	14.88
08 71 11 00-0446	EA	1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13) .....	41.01	14.88
08 71 11 00-0447	EA	1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13) .....	43.38	14.88
08 71 11 00-0448	EA	1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13) .....	43.38	14.88
08 71 11 00-0449	EA	1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13) .....	43.38	14.88
08 71 11 00-0450	EA	1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13) .....	43.38	14.88
08 71 11 00-0451	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17) .....	42.65	14.88
08 71 11 00-0452	EA	1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17) .....	42.65	14.88
08 71 11 00-0453	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17) .....	44.97	14.88
08 71 11 00-0454	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17) .....	44.97	14.88
08 71 11 00-0455	EA	1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17) .....	44.97	14.88
08 71 11 00-0456	EA	1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17) .....	44.97	14.88
08 71 11 00-0457	EA	2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441) .....	62.59	14.88
08 71 11 00-0458	EA	2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441) .....	63.62	14.88
08 71 11 00-0459	EA	2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441) .....	66.11	14.88
08 71 11 00-0460	EA	2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441) .....	68.13	14.88
08 71 11 00-0461	EA	2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441) .....	68.13	14.88
08 71 11 00-0462	EA	2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441) .....	76.36	14.88
08 71 11 00-0463	EA	2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441) .....	76.36	14.88
08 71 11 00-0464	EA	3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448) .....	73.31	14.88
08 71 11 00-0465	EA	3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448) .....	74.77	14.88
08 71 11 00-0466	EA	3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448) .....	74.77	14.88
08 71 11 00-0467	EA	3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448) .....	74.77	14.88
08 71 11 00-0468	EA	3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448) .....	74.77	14.88
08 71 11 00-0469	EA	3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448) .....	86.05	14.88
08 71 11 00-0470	EA	3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448) .....	86.05	14.88
08 71 11 00-0471	EA	1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430) .....	50.32	14.88
08 71 11 00-0472	EA	1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430) .....	52.20	14.88
08 71 11 00-0473	EA	1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430) .....	56.44	14.88
08 71 11 00-0474	EA	1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430) .....	56.44	14.88
08 71 11 00-0475	EA	1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430) .....	56.44	14.88
08 71 11 00-0476	EA	1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430) .....	57.70	14.88
08 71 11 00-0477		Steel Floor Stops <small>(08 71 11 00-0423)</small>		
		See CSI section 05 05 19 00-0195 for grout.		
08 71 11 00-0478	EA	2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434) .....	43.00	14.88
08 71 11 00-0479	EA	1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S) .....	112.75	14.88
		Note: Includes drilling. Excludes Grout.		
08 71 11 00-0480	EA	3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L) .....	118.70	14.88
		Note: Includes drilling. Excludes Grout.		
08 71 11 00-0481		Wall Stops <small>(08 71 11 00-0422)</small>		
08 71 11 00-0482		Aluminum Wall Stops <small>(08 71 11 00-0481)</small>		
08 71 11 00-0483	EA	3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60) .....	17.08	5.95
08 71 11 00-0484	EA	3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65) .....	24.88	8.93
08 71 11 00-0485		Brass Wall Stops <small>(08 71 11 00-0481)</small>		



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 71 11 00-0486	EA	3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0487	EA	3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0488	EA	3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	29.85	5.95
08 71 11 00-0489	EA	3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	35.41	5.95
08 71 11 00-0490	EA	3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0491	EA	3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0492	EA	3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	35.94	5.95
08 71 11 00-0493	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	84.20	8.93
08 71 11 00-0494	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0495	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0496	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0497	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0498	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	86.16	8.93
08 71 11 00-0499	EA	3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	70.38	8.93
08 71 11 00-0500	EA	3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0501	EA	3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0502	EA	3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0503	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	80.98	8.93
08 71 11 00-0504	EA	3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	83.50	8.93
08 71 11 00-0505	EA	3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	83.50	8.93
08 71 11 00-0506	EA	3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	135.85	8.93

**08 71 11 00-0507 Steel Wall Stops (08 71 11 00-0481)**

08 71 11 00-0508	EA	3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.98	5.95
------------------	----	--	-------	------

**08 71 11 00-0509 Hinge Pin Door Stops (08 71 11 00-0422)****08 71 11 00-0510 Aluminum Hinge Pin Door Stops (08 71 11 00-0509)**

08 71 11 00-0511	EA	Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	27.01	11.90
------------------	----	---	-------	-------

**08 71 11 00-0512 Brass Hinge Pin Door Stops (08 71 11 00-0509)**

08 71 11 00-0513	EA	Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	27.63	11.90
08 71 11 00-0514	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	31.49	11.90
08 71 11 00-0515	EA	Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0516	EA	Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0517	EA	Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	40.80	11.90
08 71 11 00-0518	EA	Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0519	EA	Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0520	EA	Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90
08 71 11 00-0521	EA	Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	45.17	11.90

**08 71 11 00-0522 Wall Bumpers (08 71 11 00-0422)****08 71 11 00-0523 Brass Wall Bumpers (08 71 11 00-0522)**

08 71 11 00-0524	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0525	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0526	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.83	14.88
08 71 11 00-0527	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0528	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0529	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0530	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	36.36	14.88
08 71 11 00-0531	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	54.28	14.88
08 71 11 00-0532	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0533	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0534	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0535	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0536	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	59.14	14.88
08 71 11 00-0537	EA	2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	60.22	14.88

**08 71 11 00-0538 Rubber Wall Bumpers (08 71 11 00-0522)**

08 71 11 00-0539	EA	1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	33.90	14.88
------------------	----	---	-------	-------



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0540 Holders (08 71 11 00-0421)		
08 71 11 00-0541 Plunger Type Door Holders (08 71 11 00-0540)		
08 71 11 00-0542 Aluminum Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0543 EA Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	89.03	8.93
08 71 11 00-0544 Brass Plunger Type Door Holders (08 71 11 00-0541)		
08 71 11 00-0545 EA Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0546 EA Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0547 EA Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0548 EA Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0549 EA Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0550 EA Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0551 EA Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	146.25	8.93
08 71 11 00-0552 Kick Down Door Holders (08 71 11 00-0540)		
08 71 11 00-0553 Aluminum Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0554 EA Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	29.47	8.93
08 71 11 00-0555 Brass Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0556 EA Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0557 EA Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0558 EA Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	65.05	8.93
08 71 11 00-0559 EA Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93
08 71 11 00-0560 EA Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93
08 71 11 00-0561 EA Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	74.33	8.93
08 71 11 00-0562 EA Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	76.68	8.93
08 71 11 00-0563 Steel Kick Down Door Holders (08 71 11 00-0552)		
08 71 11 00-0564 EA Steel Kick Down Door Holder (Ives FS544)	36.65	8.93
08 71 11 00-0565 Floor Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0566 Brass Floor Mounted Door Holders (08 71 11 00-0565)		
08 71 11 00-0567 EA Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	127.31	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0568 EA Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	127.31	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0569 EA Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0570 EA Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0571 EA Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0572 EA Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	158.14	17.85
For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0573 Wall Mounted Door Holders (08 71 11 00-0540)		
08 71 11 00-0574 Aluminum Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0575 EA 4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20)	113.52	10.41
08 71 11 00-0576 EA Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40)	166.25	17.85
08 71 11 00-0577 Brass Wall Mounted Door Holders (08 71 11 00-0573)		
08 71 11 00-0578 EA 3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449)	104.18	10.41

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-0579	EA	3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	120.90		10.41
08 71 11 00-0580	EA	3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	120.90		10.41
08 71 11 00-0581	EA	3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	120.90		10.41
08 71 11 00-0582	EA	3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	120.90		10.41
08 71 11 00-0583	EA	3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	120.90		10.41
08 71 11 00-0584	EA	3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	124.83		10.41
08 71 11 00-0585	EA	4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	118.18		10.41
08 71 11 00-0586	EA	4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	140.99		10.41
08 71 11 00-0587	EA	4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	140.99		10.41
08 71 11 00-0588	EA	4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	140.99		10.41
08 71 11 00-0589	EA	4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	140.99		10.41
08 71 11 00-0590	EA	4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	140.99		10.41
08 71 11 00-0591	EA	Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	189.01		17.85
08 71 11 00-0592	EA	Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	199.25		17.85
08 71 11 00-0593	EA	Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40).....	199.25		17.85
08 71 11 00-0594	EA	Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40).....	199.25		17.85
08 71 11 00-0595	EA	Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	199.25		17.85
08 71 11 00-0596	EA	Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	199.25		17.85
<b>08 71 11 00-0597</b>		<b>Overhead Door Holders (08 71 11 00-0540)</b>			
<b>08 71 11 00-0598</b>		<b>Surface Mounted, Overhead Door Holders (08 71 11 00-0597)</b>			
08 71 11 00-0599	EA	Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	586.30		29.74
		<i>For Hold Open, Add</i>	67.43		
08 71 11 00-0600	EA	Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	672.39		29.74
		<i>For Hold Open, Add</i>	79.85		
08 71 11 00-0601	EA	Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	672.39		29.74
		<i>For Hold Open, Add</i>	79.85		
08 71 11 00-0602	EA	Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	672.39		29.74
		<i>For Hold Open, Add</i>	79.85		
08 71 11 00-0603	EA	Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	669.46		29.74
		<i>For Hold Open, Add</i>	79.43		
<b>08 71 11 00-0604</b>		<b>Heavy-Duty, Surface Mounted, Overhead Door Holders (08 71 11 00-0597)</b>			
		Note: With or without hold open feature.			
08 71 11 00-0605	EA	Heavy-Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	456.30		29.74
08 71 11 00-0606	EA	Heavy-Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	661.85		29.74
08 71 11 00-0607	EA	Heavy-Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	751.45		29.74
08 71 11 00-0608	EA	Heavy-Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	751.45		29.74
08 71 11 00-0609	EA	Heavy-Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	751.45		29.74
<b>08 71 11 00-0610</b>		<b>Concealed Mounted, Overhead Door Holders (08 71 11 00-0597)</b>			
		Note: With or without hold open feature.			
08 71 11 00-0611	EA	Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	640.18		29.74
08 71 11 00-0612	EA	Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	640.18		29.74
08 71 11 00-0613	EA	Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	675.32		29.74
08 71 11 00-0614	EA	Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	705.19		29.74
08 71 11 00-0615	EA	Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	705.19		29.74
<b>08 71 11 00-0616</b>		<b>Silencers (08 71 11 00-0421)</b>			
08 71 11 00-0617	EA	Replacement Of Rubber Door Silencers.....	1.81		
		Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.			
<b>08 71 11 00-0618</b>		<b>Bolts (08 71 11 00-0421)</b>			
<b>08 71 11 00-0619</b>		<b>Brass Surface Bolts (08 71 11 00-0618)</b>			
08 71 11 00-0620	EA	8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	192.07		14.88
08 71 11 00-0621	EA	8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	205.60		14.88
08 71 11 00-0622	EA	8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	205.60		14.88
<b>08 71 11 00-0623</b>		<b>Steel Surface Bolts (08 71 11 00-0618)</b>			
08 71 11 00-0624	EA	8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	87.25		14.88
08 71 11 00-0625	EA	8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	87.25		14.88
08 71 11 00-0626	EA	8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	87.25		14.88
08 71 11 00-0627	EA	8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	99.08		14.88
08 71 11 00-0628	EA	8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	100.78		14.88
08 71 11 00-0629	EA	8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	104.14		14.88
08 71 11 00-0630	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	102.44		14.88
08 71 11 00-0631	EA	12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	107.54		14.88
08 71 11 00-0632	EA	12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	114.30		14.88
08 71 11 00-0633	EA	12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	119.37		14.88
08 71 11 00-0634	EA	12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360).....	187.01		14.88



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0635 Door Viewer <small>(08 71 11 00-0421)</small>		
08 71 11 00-0636 Brass Door Viewer <small>(08 71 11 00-0635)</small>		
08 71 11 00-0637 EA 120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700).....	45.87	14.88
08 71 11 00-0638 EA 120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700).....	45.87	14.88
08 71 11 00-0639 EA 120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700).....	45.87	14.88
08 71 11 00-0640 EA 150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696).....	53.43	14.88
08 71 11 00-0641 EA 150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696).....	53.43	14.88
08 71 11 00-0642 EA 150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696).....	53.43	14.88
08 71 11 00-0643 EA 190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	62.74	14.88
08 71 11 00-0644 EA 190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	62.74	14.88
08 71 11 00-0645 Door Knockers <small>(08 71 11 00-0421)</small>		
08 71 11 00-0646 Brass Door Knockers <small>(08 71 11 00-0645)</small>		
08 71 11 00-0647 EA 5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125).....	69.18	14.88
08 71 11 00-0648 EA 5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125).....	76.36	14.88
08 71 11 00-0649 EA 5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125).....	76.36	14.88
08 71 11 00-0650 EA 5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125).....	76.36	14.88
08 71 11 00-0651 EA 8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107).....	103.59	14.88
08 71 11 00-0652 EA 8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107).....	120.89	14.88
08 71 11 00-0653 Hasps <small>(08 71 11 00-0421)</small>		
08 71 11 00-0654 EA 3-1/4", Zinc Plated Finish, Steel Hasp Assembly.....	32.23	11.22
08 71 11 00-0655 EA 4-1/2", Zinc Plated Finish, Steel Hasp Assembly.....	34.36	11.90
08 71 11 00-0656 EA 6", Zinc Plated Finish, Steel Hasp Assembly.....	43.93	13.39
08 71 11 00-0657 EA 6", Zinc Plated Finish, Steel High Security Hasp Assembly.....	180.88	16.06
08 71 11 00-0658 Flush Bolts <small>(08 71 11 00-0421)</small>		
08 71 11 00-0659 Flush Bolts For Metal Doors <small>(08 71 11 00-0658)</small>		
08 71 11 00-0660 Brass Flush Bolts For Metal Doors <small>(08 71 11 00-0659)</small>		
08 71 11 00-0661 Manual, Brass Flush Bolts For Metal Doors <small>(08 71 11 00-0660)</small>		
Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0662 EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458).....	66.96	14.88
08 71 11 00-0663 Automatic, Brass Flush Bolts For Metal Doors <small>(08 71 11 00-0660)</small>		
Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0664 EA Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T).....	137.68	14.88
08 71 11 00-0665 EA Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B).....	137.68	14.88
08 71 11 00-0666 EA Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P).....	239.35	23.79
08 71 11 00-0667 EA Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32).....	246.19	20.82
08 71 11 00-0668 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33).....	255.94	22.30
08 71 11 00-0669 Constant Latching, Brass Flush Bolts For Metal Doors <small>(08 71 11 00-0660)</small>		
Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0670 EA Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T).....	163.17	14.88
08 71 11 00-0671 EA Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P).....	303.27	23.79
08 71 11 00-0672 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52).....	297.32	20.82
08 71 11 00-0673 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53).....	308.76	22.30
08 71 11 00-0674 Stainless Steel Flush Bolts For Metal Doors <small>(08 71 11 00-0659)</small>		
08 71 11 00-0675 Automatic, Stainless Steel Flush Bolts For Metal Doors <small>(08 71 11 00-0674)</small>		
Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0676 EA Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T).....	137.68	14.88
08 71 11 00-0677 EA Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B).....	137.68	14.88
08 71 11 00-0678 EA Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P).....	239.35	23.79
08 71 11 00-0679 EA Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32).....	246.19	20.82
08 71 11 00-0680 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33).....	255.94	22.30
08 71 11 00-0681 Constant Latching, Stainless Steel Flush Bolts For Metal Doors <small>(08 71 11 00-0674)</small>		
Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0682 EA Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T).....	163.17	14.88
08 71 11 00-0683 EA Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P).....	303.27	23.79
08 71 11 00-0684 EA Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52).....	297.32	20.82
08 71 11 00-0685 EA Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53).....	308.76	22.30

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 71 11 00-0686		Flush Bolts For Wood Doors (08 71 11 00-0686)			
08 71 11 00-0687		Brass Flush Bolts For Wood Doors (08 71 11 00-0687)			
08 71 11 00-0688		Manual, Brass Flush Bolts For Wood Doors (08 71 11 00-0688)			
		Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.			
08 71 11 00-0689	EA	Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358).....	79.61		14.88
08 71 11 00-0690		Automatic, Brass Flush Bolts For Wood Doors (08 71 11 00-0690)			
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.			
08 71 11 00-0691	EA	Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T).....	171.26		14.88
08 71 11 00-0692	EA	Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B).....	171.26		14.88
08 71 11 00-0693	EA	Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P).....	317.47		23.79
08 71 11 00-0694	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42).....	311.52		20.82
08 71 11 00-0695		Constant Latching, Brass Flush Bolts For Wood Doors (08 71 11 00-0695)			
		Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.			
08 71 11 00-0696	EA	Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T).....	169.94		14.88
08 71 11 00-0697	EA	Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P).....	317.47		23.79
08 71 11 00-0698	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62).....	311.52		20.82
08 71 11 00-0699		Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0699)			
08 71 11 00-0700		Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0700)			
		Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0701	EA	Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T).....	171.26		14.88
08 71 11 00-0702	EA	Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B).....	171.26		14.88
08 71 11 00-0703	EA	Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P).....	317.47		23.79
08 71 11 00-0704	EA	Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42).....	311.52		20.82
08 71 11 00-0705		Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0705)			
		Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0706	EA	Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T).....	169.94		14.88
08 71 11 00-0707	EA	Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P).....	317.47		23.79
08 71 11 00-0708	EA	Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62).....	311.52		20.82
08 71 11 00-0709		Dust Proof Strikes (08 71 11 00-0709)			
		Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0710	EA	Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	59.98		11.90
08 71 11 00-0711	EA	Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1).....	59.98		11.90
08 71 11 00-0712	EA	Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	59.98		11.90
08 71 11 00-0713	EA	Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	59.98		11.90
08 71 11 00-0714	EA	Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	59.98		11.90
08 71 11 00-0715	EA	Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	69.44		11.90
08 71 11 00-0716	EA	Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	69.44		11.90
08 71 11 00-0717	EA	Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	69.44		11.90
08 71 11 00-0718	EA	Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	69.44		11.90
08 71 11 00-0719	EA	Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2).....	69.44		11.90
08 71 11 00-0720		Roller Bumpers (08 71 11 00-0720)			
08 71 11 00-0721		Brass Roller Bumpers (08 71 11 00-0721)			
		Note: Includes stainless steel construction with bright or satin finish.			
08 71 11 00-0722	EA	5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	63.24		8.93
08 71 11 00-0723	EA	5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	74.54		8.93
08 71 11 00-0724	EA	5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470).....	74.54		8.93
08 71 11 00-0725	EA	4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	60.69		8.93
08 71 11 00-0726	EA	4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	69.30		8.93
08 71 11 00-0727	EA	4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	69.30		8.93
08 71 11 00-0728	EA	4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471).....	69.30		8.93
08 71 11 00-0729	EA	6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	63.41		8.93
08 71 11 00-0730	EA	6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	69.50		8.93
08 71 11 00-0731	EA	6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	72.37		8.93
08 71 11 00-0732	EA	6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	72.37		8.93
08 71 11 00-0733	EA	6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	72.37		8.93
08 71 11 00-0734	EA	6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	72.37		8.93
08 71 11 00-0735	EA	6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472).....	72.37		8.93
08 71 11 00-0736		Other Door Trim (08 71 11 00-0736)			
08 71 11 00-0737		Coat And Hat Hooks (08 71 11 00-0737)			
08 71 11 00-0738		Aluminum Coat And Hat Hooks (08 71 11 00-0738)			
08 71 11 00-0739	EA	1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581).....	20.91		8.93





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0740 EA 1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581) .....	20.91	8.93
08 71 11 00-0741 EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581) .....	21.12	8.93
08 71 11 00-0742 EA 1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571) .....	20.77	8.93
08 71 11 00-0743 EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571) .....	20.77	8.93
08 71 11 00-0744 EA 1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571) .....	20.77	8.93
08 71 11 00-0745 EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571) .....	21.12	8.93
08 71 11 00-0746 EA 1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405) .....	22.17	8.93
08 71 11 00-0747 EA 1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405) .....	22.17	8.93
08 71 11 00-0748 EA 1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) .....	22.17	8.93
08 71 11 00-0749 EA 1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405) .....	22.17	8.93
08 71 11 00-0750 EA 1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405) .....	22.17	8.93
 <b>08 71 11 00-0751 Brass Coat And Hat Hooks (08 71 11 00-0737)</b>		
08 71 11 00-0752 EA 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581) .....	26.65	8.93
08 71 11 00-0753 EA 1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581) .....	27.21	8.93
08 71 11 00-0754 EA 1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581) .....	28.09	8.93
08 71 11 00-0755 EA 1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581) .....	28.09	8.93
08 71 11 00-0756 EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581) .....	28.64	8.93
08 71 11 00-0757 EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571) .....	30.43	8.93
08 71 11 00-0758 EA 1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571) .....	32.95	8.93
08 71 11 00-0759 EA 1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571) .....	32.95	8.93
08 71 11 00-0760 EA 1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571) .....	32.95	8.93
08 71 11 00-0761 EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571) .....	33.50	8.93
 <b>08 71 11 00-0762 Door Plates And Pulls (08 71 11)</b>		
<b>08 71 11 00-0763 Kick Plate (08 71 11 00-0762)</b>		
Note: Ives 8400.		
<b>08 71 11 00-0764 Aluminum Base Material Kick Plate (08 71 11 00-0763)</b>		
<b>08 71 11 00-0765 Satin Aluminum Finish, Aluminum Kick Plate (08 71 11 00-0764)</b>		
08 71 11 00-0766 EA 8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	63.67	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0767 EA 8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	66.25	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0768 EA 8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	68.77	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0769 EA 8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	71.32	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0770 EA 8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	76.29	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0771 EA 8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	78.78	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0772 EA 8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	81.33	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0773 EA 8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	83.88	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0774 EA 8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	88.80	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0775 EA 8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	91.35	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0776 EA 8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	93.87	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0777 EA 8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	98.84	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0778 EA 8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	101.39	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0779 EA 8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	103.91	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0780 EA 10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	70.71	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0781 EA 10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	73.90	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-0782 EA 10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate .....	77.04	8.93
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0783	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	80.23 1.76 11.40	8.93
08 71 11 00-0784	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.81 1.76 11.40	9.52
08 71 11 00-0785	EA	10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.98 1.76 11.40	9.52
08 71 11 00-0786	EA	10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.17 1.76 11.40	9.52
08 71 11 00-0787	EA	10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.34 1.76 11.40	9.52
08 71 11 00-0788	EA	10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.90 1.76 11.40	10.12
08 71 11 00-0789	EA	10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.07 1.76 11.40	10.12
08 71 11 00-0790	EA	10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.26 1.76 11.40	10.12
08 71 11 00-0791	EA	10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.84 1.76 11.40	10.71
08 71 11 00-0792	EA	10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.98 1.76 11.40	10.71
08 71 11 00-0793	EA	10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.17 1.76 11.40	10.71
08 71 11 00-0794	EA	12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.71 1.76 11.40	8.93
08 71 11 00-0795	EA	12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.49 1.76 11.40	8.93
08 71 11 00-0796	EA	12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.36 1.76 11.40	8.93
08 71 11 00-0797	EA	12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.11 1.76 11.40	8.93
08 71 11 00-0798	EA	12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.34 1.76 11.40	9.52
08 71 11 00-0799	EA	12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.15 1.76 11.40	9.52
08 71 11 00-0800	EA	12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.96 1.76 11.40	9.52
08 71 11 00-0801	EA	12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.80 1.76 11.40	9.52
08 71 11 00-0802	EA	12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.97 1.76 11.40	10.12
08 71 11 00-0803	EA	12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.78 1.76 11.40	10.12
08 71 11 00-0804	EA	12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.62 1.76 11.40	10.12
08 71 11 00-0805	EA	12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.82 1.76 11.40	10.71
08 71 11 00-0806	EA	12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.63 1.76 11.40	10.71
08 71 11 00-0807	EA	12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.47 1.76 11.40	10.71
08 71 11 00-0808	EA	14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.05 1.76 11.40	9.52
08 71 11 00-0809	EA	14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.50 1.76 11.40	9.52
08 71 11 00-0810	EA	14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.01 1.76 11.40	9.52



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0811	EA		14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.47 1.76 11.40	9.52
08 71 11 00-0812	EA		14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.26 1.76 11.40	10.12
08 71 11 00-0813	EA		14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.71 1.76 11.40	10.12
08 71 11 00-0814	EA		14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.17 1.76 11.40	10.12
08 71 11 00-0815	EA		14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.62 1.76 11.40	10.12
08 71 11 00-0816	EA		14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.47 1.76 11.40	10.71
08 71 11 00-0817	EA		14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.89 1.76 11.40	10.71
08 71 11 00-0818	EA		14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.35 1.76 11.40	10.71
08 71 11 00-0819	EA		14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.17 1.76 11.40	11.30
08 71 11 00-0820	EA		14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.65 1.76 11.40	11.30
08 71 11 00-0821	EA		14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.11 1.76 11.40	11.30
08 71 11 00-0822	EA		16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.08 1.76 11.40	9.52
08 71 11 00-0823	EA		16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.15 1.76 11.40	9.52
08 71 11 00-0824	EA		16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.28 1.76 11.40	9.52
08 71 11 00-0825	EA		16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.34 1.76 11.40	9.52
08 71 11 00-0826	EA		16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.71 1.76 11.40	10.12
08 71 11 00-0827	EA		16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.91 1.76 11.40	10.12
08 71 11 00-0828	EA		16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.01 1.76 11.40	10.12
08 71 11 00-0829	EA		16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.08 1.76 11.40	10.12
08 71 11 00-0830	EA		16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.54 1.76 11.40	10.71
08 71 11 00-0831	EA		16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.67 1.76 11.40	10.71
08 71 11 00-0832	EA		16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.74 1.76 11.40	10.71
08 71 11 00-0833	EA		16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.18 1.76 11.40	11.30
08 71 11 00-0834	EA		16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.28 1.76 11.40	11.30
08 71 11 00-0835	EA		16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.40 1.76 11.40	11.30
08 71 11 00-0836	EA		18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.10 6.30 11.40	9.52
08 71 11 00-0837	EA		18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.19 6.30 11.40	9.52
08 71 11 00-0838	EA		18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.29 6.30 11.40	9.52

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0839	EA 18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.38 6.30 11.40	9.52
08 71 11 00-0840	EA 18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.82 6.30 11.40	10.12
08 71 11 00-0841	EA 18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.91 6.30 11.40	10.12
08 71 11 00-0842	EA 18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.01 6.30 11.40	10.12
08 71 11 00-0843	EA 18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.10 6.30 11.40	10.12
08 71 11 00-0844	EA 18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.59 6.30 11.40	10.71
08 71 11 00-0845	EA 18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.68 6.30 11.40	10.71
08 71 11 00-0846	EA 18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.78 6.30 11.40	10.71
08 71 11 00-0847	EA 18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.24 6.30 11.40	11.30
08 71 11 00-0848	EA 18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.34 6.30 11.40	11.30
08 71 11 00-0849	EA 18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.43 6.30 11.40	11.30
08 71 11 00-0850	EA 20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.91 6.30 11.40	10.12
08 71 11 00-0851	EA 20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.68 6.30 11.40	10.12
08 71 11 00-0852	EA 20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.45 6.30 11.40	10.12
08 71 11 00-0853	EA 20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.22 6.30 11.40	10.12
08 71 11 00-0854	EA 20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.37 6.30 11.40	10.71
08 71 11 00-0855	EA 20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.14 6.30 11.40	10.71
08 71 11 00-0856	EA 20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.91 6.30 11.40	10.71
08 71 11 00-0857	EA 20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.68 6.30 11.40	10.71
08 71 11 00-0858	EA 20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.82 6.30 11.40	11.30
08 71 11 00-0859	EA 20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.59 6.30 11.40	11.30
08 71 11 00-0860	EA 20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.36 6.30 11.40	11.30
08 71 11 00-0861	EA 20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	196.51 6.30 11.40	11.90
08 71 11 00-0862	EA 20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	203.28 6.30 11.40	11.90
08 71 11 00-0863	EA 20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.05 6.30 11.40	11.90
08 71 11 00-0864	EA 22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.35 6.30 11.40	10.12
08 71 11 00-0865	EA 22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.79 6.30 11.40	10.12
08 71 11 00-0866	EA 22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.24 6.30 11.40	10.12



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0867	EA		22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.68 6.30 11.40	10.12
08 71 11 00-0868	EA		22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.54 6.30 11.40	10.71
08 71 11 00-0869	EA		22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.99 6.30 11.40	10.71
08 71 11 00-0870	EA		22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.43 6.30 11.40	10.71
08 71 11 00-0871	EA		22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.87 6.30 11.40	10.71
08 71 11 00-0872	EA		22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.68 6.30 11.40	11.30
08 71 11 00-0873	EA		22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	194.13 6.30 11.40	11.30
08 71 11 00-0874	EA		22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.57 6.30 11.40	11.30
08 71 11 00-0875	EA		22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.39 6.30 11.40	11.90
08 71 11 00-0876	EA		22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.84 6.30 11.40	11.90
08 71 11 00-0877	EA		22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.28 6.30 11.40	11.90
08 71 11 00-0878	EA		24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.79 6.30 11.40	10.12
08 71 11 00-0879	EA		24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.91 6.30 11.40	10.12
08 71 11 00-0880	EA		24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.06 6.30 11.40	10.12
08 71 11 00-0881	EA		24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.17 6.30 11.40	10.12
08 71 11 00-0882	EA		24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.68 6.30 11.40	10.71
08 71 11 00-0883	EA		24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.80 6.30 11.40	10.71
08 71 11 00-0884	EA		24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.92 6.30 11.40	10.71
08 71 11 00-0885	EA		24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.06 6.30 11.40	10.71
08 71 11 00-0886	EA		24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.55 6.30 11.40	11.30
08 71 11 00-0887	EA		24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.67 6.30 11.40	11.30
08 71 11 00-0888	EA		24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	215.78 6.30 11.40	11.30
08 71 11 00-0889	EA		24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.28 6.30 11.40	11.90
08 71 11 00-0890	EA		24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.43 6.30 11.40	11.90
08 71 11 00-0891	EA		24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.54 6.30 11.40	11.90
08 71 11 00-0892			<b>Brass Base Material Kick Plate</b> (08 71 11 00-0763)		
08 71 11 00-0893			<b>Bright/Satin Brass Finish, Brass Kick Plate</b> (08 71 11 00-0892)		
08 71 11 00-0894	EA		8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.72 1.76 11.40	8.93

## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0895	EA 8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.16 1.76 11.40	8.93
08 71 11 00-0896	EA 8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.64 1.76 11.40	8.93
08 71 11 00-0897	EA 8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.09 1.76 11.40	8.93
08 71 11 00-0898	EA 8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.92 1.76 11.40	9.52
08 71 11 00-0899	EA 8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.43 1.76 11.40	9.52
08 71 11 00-0900	EA 8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.88 1.76 11.40	9.52
08 71 11 00-0901	EA 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.32 1.76 11.40	9.52
08 71 11 00-0902	EA 8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.14 1.76 11.40	10.12
08 71 11 00-0903	EA 8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.58 1.76 11.40	10.12
08 71 11 00-0904	EA 8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.03 1.76 11.40	10.12
08 71 11 00-0905	EA 8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.87 1.76 11.40	10.71
08 71 11 00-0906	EA 8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.37 1.76 11.40	10.71
08 71 11 00-0907	EA 8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.82 1.76 11.40	10.71
08 71 11 00-0908	EA 10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.00 1.76 11.40	8.93
08 71 11 00-0909	EA 10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.53 1.76 11.40	8.93
08 71 11 00-0910	EA 10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.13 1.76 11.40	8.93
08 71 11 00-0911	EA 10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.69 1.76 11.40	8.93
08 71 11 00-0912	EA 10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	196.62 1.76 11.40	9.52
08 71 11 00-0913	EA 10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.21 1.76 11.40	9.52
08 71 11 00-0914	EA 10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	217.81 1.76 11.40	9.52
08 71 11 00-0915	EA 10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.37 1.76 11.40	9.52
08 71 11 00-0916	EA 10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	241.28 1.76 11.40	10.12
08 71 11 00-0917	EA 10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	251.88 1.76 11.40	10.12
08 71 11 00-0918	EA 10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.47 1.76 11.40	10.12
08 71 11 00-0919	EA 10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	275.40 1.76 11.40	10.71
08 71 11 00-0920	EA 10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.99 1.76 11.40	10.71
08 71 11 00-0921	EA 10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	296.56 1.76 11.40	10.71
08 71 11 00-0922	EA 12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.19 1.76 11.40	8.93



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0923 EA 12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.93 1.76 11.40	8.93
08 71 11 00-0924 EA 12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.59 1.76 11.40	8.93
08 71 11 00-0925 EA 12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	213.27 1.76 11.40	8.93
08 71 11 00-0926 EA 12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.37 1.76 11.40	9.52
08 71 11 00-0927 EA 12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	241.06 1.76 11.40	9.52
08 71 11 00-0928 EA 12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.74 1.76 11.40	9.52
08 71 11 00-0929 EA 12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.40 1.76 11.40	9.52
08 71 11 00-0930 EA 12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	281.51 1.76 11.40	10.12
08 71 11 00-0931 EA 12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.17 1.76 11.40	10.12
08 71 11 00-0932 EA 12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	306.85 1.76 11.40	10.12
08 71 11 00-0933 EA 12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.92 1.76 11.40	10.71
08 71 11 00-0934 EA 12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	334.58 1.76 11.40	10.71
08 71 11 00-0935 EA 12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	347.32 1.76 11.40	10.71
08 71 11 00-0936 EA 14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.89 1.76 11.40	9.52
08 71 11 00-0937 EA 14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	215.66 1.76 11.40	9.52
08 71 11 00-0938 EA 14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.46 1.76 11.40	9.52
08 71 11 00-0939 EA 14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.30 1.76 11.40	9.52
08 71 11 00-0940 EA 14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.47 1.76 11.40	10.12
08 71 11 00-0941 EA 14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	277.27 1.76 11.40	10.12
08 71 11 00-0942 EA 14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	292.05 1.76 11.40	10.12
08 71 11 00-0943 EA 14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	306.85 1.76 11.40	10.12
08 71 11 00-0944 EA 14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.04 1.76 11.40	10.71
08 71 11 00-0945 EA 14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	338.85 1.76 11.40	10.71
08 71 11 00-0946 EA 14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	353.62 1.76 11.40	10.71
08 71 11 00-0947 EA 14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.79 1.76 11.40	11.30
08 71 11 00-0948 EA 14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	385.63 1.76 11.40	11.30
08 71 11 00-0949 EA 14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	400.43 1.76 11.40	11.30
08 71 11 00-0950 EA 16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.20 1.76 11.40	9.52



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0951	EA 16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.54 1.76 11.40	9.52
08 71 11 00-0952	EA 16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	327.82 1.76 11.40	9.52
08 71 11 00-0953	EA 16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	350.07 1.76 11.40	9.52
08 71 11 00-0954	EA 16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	374.72 1.76 11.40	10.12
08 71 11 00-0955	EA 16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	397.02 1.76 11.40	10.12
08 71 11 00-0956	EA 16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	419.33 1.76 11.40	10.12
08 71 11 00-0957	EA 16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	441.55 1.76 11.40	10.12
08 71 11 00-0958	EA 16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	466.28 1.76 11.40	10.71
08 71 11 00-0959	EA 16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	488.59 1.76 11.40	10.71
08 71 11 00-0960	EA 16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	510.87 1.76 11.40	10.71
08 71 11 00-0961	EA 16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	535.48 1.76 11.40	11.30
08 71 11 00-0962	EA 16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	557.76 1.76 11.40	11.30
08 71 11 00-0963	EA 16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	580.07 1.76 11.40	11.30
08 71 11 00-0964	EA 18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	313.37 6.30 11.40	9.52
08 71 11 00-0965	EA 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	338.38 6.30 11.40	9.52
08 71 11 00-0966	EA 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	363.37 6.30 11.40	9.52
08 71 11 00-0967	EA 18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	388.44 6.30 11.40	9.52
08 71 11 00-0968	EA 18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	415.83 6.30 11.40	10.12
08 71 11 00-0969	EA 18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	440.82 6.30 11.40	10.12
08 71 11 00-0970	EA 18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	465.89 6.30 11.40	10.12
08 71 11 00-0971	EA 18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	490.88 6.30 11.40	10.12
08 71 11 00-0972	EA 18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	518.34 6.30 11.40	10.71
08 71 11 00-0973	EA 18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	543.36 6.30 11.40	10.71
08 71 11 00-0974	EA 18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	568.34 6.30 11.40	10.71
08 71 11 00-0975	EA 18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	595.79 6.30 11.40	11.30
08 71 11 00-0976	EA 18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	620.77 6.30 11.40	11.30
08 71 11 00-0977	EA 18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	645.79 6.30 11.40	11.30
08 71 11 00-0978	EA 20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	346.32 6.30 11.40	10.12



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0979	EA		20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	374.10 6.30 11.40	10.12
08 71 11 00-0980	EA		20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	401.94 6.30 11.40	10.12
08 71 11 00-0981	EA		20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	429.69 6.30 11.40	10.12
08 71 11 00-0982	EA		20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	459.92 6.30 11.40	10.71
08 71 11 00-0983	EA		20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	487.73 6.30 11.40	10.71
08 71 11 00-0984	EA		20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	515.52 6.30 11.40	10.71
08 71 11 00-0985	EA		20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	543.36 6.30 11.40	10.71
08 71 11 00-0986	EA		20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	573.48 6.30 11.40	11.30
08 71 11 00-0987	EA		20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	601.32 6.30 11.40	11.30
08 71 11 00-0988	EA		20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	629.13 6.30 11.40	11.30
08 71 11 00-0989	EA		20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	659.29 6.30 11.40	11.90
08 71 11 00-0990	EA		20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	687.13 6.30 11.40	11.90
08 71 11 00-0991	EA		20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	714.89 6.30 11.40	11.90
08 71 11 00-0992	EA		22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	376.92 6.30 11.40	10.12
08 71 11 00-0993	EA		22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.47 6.30 11.40	10.12
08 71 11 00-0994	EA		22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	438.05 6.30 11.40	10.12
08 71 11 00-0995	EA		22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	468.66 6.30 11.40	10.12
08 71 11 00-0996	EA		22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	501.62 6.30 11.40	10.71
08 71 11 00-0997	EA		22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	532.23 6.30 11.40	10.71
08 71 11 00-0998	EA		22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	562.81 6.30 11.40	10.71
08 71 11 00-0999	EA		22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	593.42 6.30 11.40	10.71
08 71 11 00-1000	EA		22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	626.33 6.30 11.40	11.30
08 71 11 00-1001	EA		22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	656.91 6.30 11.40	11.30
08 71 11 00-1002	EA		22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	687.52 6.30 11.40	11.30
08 71 11 00-1003	EA		22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	720.48 6.30 11.40	11.90
08 71 11 00-1004	EA		22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	751.08 6.30 11.40	11.90
08 71 11 00-1005	EA		22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	781.60 6.30 11.40	11.90
08 71 11 00-1006	EA		24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.47 6.30 11.40	10.12

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1007	EA 24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	440.82 6.30 11.40	10.12
08 71 11 00-1008	EA 24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	474.22 6.30 11.40	10.12
08 71 11 00-1009	EA 24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	507.59 6.30 11.40	10.12
08 71 11 00-1010	EA 24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	543.36 6.30 11.40	10.71
08 71 11 00-1011	EA 24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	576.70 6.30 11.40	10.71
08 71 11 00-1012	EA 24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	610.07 6.30 11.40	10.71
08 71 11 00-1013	EA 24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	645.27 6.30 11.40	10.71
08 71 11 00-1014	EA 24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	679.16 6.30 11.40	11.30
08 71 11 00-1015	EA 24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	712.51 6.30 11.40	11.30
08 71 11 00-1016	EA 24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	745.88 6.30 11.40	11.30
08 71 11 00-1017	EA 24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	781.60 6.30 11.40	11.90
08 71 11 00-1018	EA 24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	815.04 6.30 11.40	11.90
08 71 11 00-1019	EA 24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	848.38 6.30 11.40	11.90
<b>08 71 11 00-1020</b>	<b>Bright/Satin Chrome Finish, Stainless Kick Plate</b> <small>(08 71 11 00-0892)</small>		
08 71 11 00-1021	EA 8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.58 1.76 11.40	8.93
08 71 11 00-1022	EA 8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.94 1.76 11.40	8.93
08 71 11 00-1023	EA 8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.29 1.76 11.40	8.93
08 71 11 00-1024	EA 8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.65 1.76 11.40	8.93
08 71 11 00-1025	EA 8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.39 1.76 11.40	9.52
08 71 11 00-1026	EA 8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.72 1.76 11.40	9.52
08 71 11 00-1027	EA 8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.08 1.76 11.40	9.52
08 71 11 00-1028	EA 8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.43 1.76 11.40	9.52
08 71 11 00-1029	EA 8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.16 1.76 11.40	10.12
08 71 11 00-1030	EA 8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.55 1.76 11.40	10.12
08 71 11 00-1031	EA 8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.90 1.76 11.40	10.12
08 71 11 00-1032	EA 8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.65 1.76 11.40	10.71
08 71 11 00-1033	EA 8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	258.00 1.76 11.40	10.71
08 71 11 00-1034	EA 8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	267.36 1.76 11.40	10.71



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1035 EA 10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.32 1.76 11.40	8.93
08 71 11 00-1036 EA 10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.00 1.76 11.40	8.93
08 71 11 00-1037 EA 10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.69 1.76 11.40	8.93
08 71 11 00-1038 EA 10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.38 1.76 11.40	8.93
08 71 11 00-1039 EA 10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	213.49 1.76 11.40	9.52
08 71 11 00-1040 EA 10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.18 1.76 11.40	9.52
08 71 11 00-1041 EA 10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.86 1.76 11.40	9.52
08 71 11 00-1042 EA 10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.55 1.76 11.40	9.52
08 71 11 00-1043 EA 10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.61 1.76 11.40	10.12
08 71 11 00-1044 EA 10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	274.30 1.76 11.40	10.12
08 71 11 00-1045 EA 10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.99 1.76 11.40	10.12
08 71 11 00-1046 EA 10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	300.06 1.76 11.40	10.71
08 71 11 00-1047 EA 10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.75 1.76 11.40	10.71
08 71 11 00-1048 EA 10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	323.44 1.76 11.40	10.71
08 71 11 00-1049 EA 12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.02 1.76 11.40	8.93
08 71 11 00-1050 EA 12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.04 1.76 11.40	8.93
08 71 11 00-1051 EA 12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.12 1.76 11.40	8.93
08 71 11 00-1052 EA 12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.14 1.76 11.40	8.93
08 71 11 00-1053 EA 12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.55 1.76 11.40	9.52
08 71 11 00-1054 EA 12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.60 1.76 11.40	9.52
08 71 11 00-1055 EA 12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	276.62 1.76 11.40	9.52
08 71 11 00-1056 EA 12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.64 1.76 11.40	9.52
08 71 11 00-1057 EA 12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.03 1.76 11.40	10.12
08 71 11 00-1058 EA 12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.05 1.76 11.40	10.12
08 71 11 00-1059 EA 12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	335.10 1.76 11.40	10.12
08 71 11 00-1060 EA 12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	351.51 1.76 11.40	10.71
08 71 11 00-1061 EA 12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	365.59 1.76 11.40	10.71
08 71 11 00-1062 EA 12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	379.61 1.76 11.40	10.71

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1063	EA	14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	218.12	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1064	EA	14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	234.53	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1065	EA	14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	250.91	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1066	EA	14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	267.26	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1067	EA	14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	285.99	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1068	EA	14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	302.37	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1069	EA	14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	318.72	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1070	EA	14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	335.10	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1071	EA	14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	353.90	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1072	EA	14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	370.25	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1073	EA	14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	386.60	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1074	EA	14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	375.84	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1075	EA	14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	421.70	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1076	EA	14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	438.08	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1077	EA	16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	312.45	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1078	EA	16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	337.42	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1079	EA	16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	362.36	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1080	EA	16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	387.30	9.52
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1081	EA	16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	414.61	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1082	EA	16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	439.55	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1083	EA	16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	464.52	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1084	EA	16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	489.46	10.12
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1085	EA	16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	516.79	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1086	EA	16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	541.73	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1087	EA	16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	566.67	10.71
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1088	EA	16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	593.98	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1089	EA	16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	618.92	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1090	EA	16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	643.86	11.30
		<i>For Four Beveled Edges, Add</i>	1.76	
		<i>For UL Label (Fire Rated), Add</i>	11.40	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1091 EA 18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	345.86 6.30 11.40	9.52
08 71 11 00-1092 EA 18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	373.87 6.30 11.40	9.52
08 71 11 00-1093 EA 18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	401.82 6.30 11.40	9.52
08 71 11 00-1094 EA 18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	429.83 6.30 11.40	9.52
08 71 11 00-1095 EA 18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	460.15 6.30 11.40	10.12
08 71 11 00-1096 EA 18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	488.13 6.30 11.40	10.12
08 71 11 00-1097 EA 18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	516.11 6.30 11.40	10.12
08 71 11 00-1098 EA 18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	544.09 6.30 11.40	10.12
08 71 11 00-1099 EA 18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	574.43 6.30 11.40	10.71
08 71 11 00-1100 EA 18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	602.44 6.30 11.40	10.71
08 71 11 00-1101 EA 18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	630.45 6.30 11.40	10.71
08 71 11 00-1102 EA 18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	660.77 6.30 11.40	11.30
08 71 11 00-1103 EA 18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	688.78 6.30 11.40	11.30
08 71 11 00-1104 EA 18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	716.74 6.30 11.40	11.30
08 71 11 00-1105 EA 20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	382.41 6.30 11.40	10.12
08 71 11 00-1106 EA 20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	413.55 6.30 11.40	10.12
08 71 11 00-1107 EA 20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.60 6.30 11.40	10.12
08 71 11 00-1108 EA 20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	475.74 6.30 11.40	10.12
08 71 11 00-1109 EA 20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	509.18 6.30 11.40	10.71
08 71 11 00-1110 EA 20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	540.26 6.30 11.40	10.71
08 71 11 00-1111 EA 20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	571.37 6.30 11.40	10.71
08 71 11 00-1112 EA 20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	602.44 6.30 11.40	10.71
08 71 11 00-1113 EA 20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	635.95 6.30 11.40	11.30
08 71 11 00-1114 EA 20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	667.00 6.30 11.40	11.30
08 71 11 00-1115 EA 20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	698.08 6.30 11.40	11.30
08 71 11 00-1116 EA 20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	731.57 6.30 11.40	11.90
08 71 11 00-1117 EA 20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	762.65 6.30 11.40	11.90
08 71 11 00-1118 EA 20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	793.76 6.30 11.40	11.90



## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1119	EA 22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	416.62 6.30 11.40	10.12
08 71 11 00-1120	EA 22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	450.86 6.30 11.40	10.12
08 71 11 00-1121	EA 22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	485.03 6.30 11.40	10.12
08 71 11 00-1122	EA 22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	519.21 6.30 11.40	10.12
08 71 11 00-1123	EA 22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	555.84 6.30 11.40	10.71
08 71 11 00-1124	EA 22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	590.02 6.30 11.40	10.71
08 71 11 00-1125	EA 22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	624.23 6.30 11.40	10.71
08 71 11 00-1126	EA 22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	658.40 6.30 11.40	10.71
08 71 11 00-1127	EA 22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	695.01 6.30 11.40	11.30
08 71 11 00-1128	EA 22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	729.19 6.30 11.40	11.30
08 71 11 00-1129	EA 22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	763.40 6.30 11.40	11.30
08 71 11 00-1130	EA 22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	799.96 6.30 11.40	11.90
08 71 11 00-1131	EA 22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	834.14 6.30 11.40	11.90
08 71 11 00-1132	EA 22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	868.37 6.30 11.40	11.90
08 71 11 00-1133	EA 24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	450.86 6.30 11.40	10.12
08 71 11 00-1134	EA 24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	488.13 6.30 11.40	10.12
08 71 11 00-1135	EA 24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	525.44 6.30 11.40	10.12
08 71 11 00-1136	EA 24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	562.75 6.30 11.40	10.12
08 71 11 00-1137	EA 24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	602.44 6.30 11.40	10.71
08 71 11 00-1138	EA 24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	639.75 6.30 11.40	10.71
08 71 11 00-1139	EA 24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	677.12 6.30 11.40	10.71
08 71 11 00-1140	EA 24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	714.37 6.30 11.40	10.71
08 71 11 00-1141	EA 24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	754.04 6.30 11.40	11.30
08 71 11 00-1142	EA 24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	791.38 6.30 11.40	11.30
08 71 11 00-1143	EA 24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	828.69 6.30 11.40	11.30
08 71 11 00-1144	EA 24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	868.37 6.30 11.40	11.90
08 71 11 00-1145	EA 24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	905.68 6.30 11.40	11.90
08 71 11 00-1146	EA 24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	942.99 6.30 11.40	11.90



	<b>Openings</b>	<b>08</b>
	<b>Hardware</b>	<b>08 70</b>
	<b>Door Hardware</b>	<b>08 71</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1147			<b>Satin/Dark Bronze Finish, Brass Kick Plate</b> <small>(08 71 11 00-0892)</small>		
08 71 11 00-1148	EA		8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	140.10	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1149	EA		8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	149.54	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1150	EA		8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	159.08	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1151	EA		8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	168.52	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1152	EA		8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	180.45	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1153	EA		8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	189.92	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1154	EA		8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	199.43	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1155	EA		8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	208.90	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1156	EA		8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	220.72	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1157	EA		8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	230.25	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1158	EA		8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	239.73	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1159	EA		8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	251.62	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1160	EA		8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	261.10	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1161	EA		8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	270.60	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1162	EA		10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	166.17	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1163	EA		10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	178.06	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1164	EA		10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	189.89	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1165	EA		10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	201.75	8.93
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1166	EA		10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	216.00	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1167	EA		10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	227.88	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1168	EA		10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	239.71	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1169	EA		10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	251.57	9.52
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1170	EA		10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	265.83	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1171	EA		10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	277.69	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1172	EA		10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	289.52	10.12
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1173	EA		10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	303.83	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1174	EA		10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	315.66	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1175	EA		10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate.....	327.52	10.71
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-1176	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.27	1.76	8.93
				11.40	
08 71 11 00-1177	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.51	1.76	8.93
				11.40	
08 71 11 00-1178	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.73	1.76	8.93
				11.40	
08 71 11 00-1179	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.97	1.76	8.93
				11.40	
08 71 11 00-1180	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	251.57	1.76	9.52
				11.40	
08 71 11 00-1181	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.84	1.76	9.52
				11.40	
08 71 11 00-1182	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	280.09	1.76	9.52
				11.40	
08 71 11 00-1183	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	294.30	1.76	9.52
				11.40	
08 71 11 00-1184	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	310.91	1.76	10.12
				11.40	
08 71 11 00-1185	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.13	1.76	10.12
				11.40	
08 71 11 00-1186	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	339.34	1.76	10.12
				11.40	
08 71 11 00-1187	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.97	1.76	10.71
				11.40	
08 71 11 00-1188	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.24	1.76	10.71
				11.40	
08 71 11 00-1189	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	384.46	1.76	10.71
				11.40	
08 71 11 00-1190	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.73	1.76	9.52
				11.40	
08 71 11 00-1191	EA	14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.36	1.76	9.52
				11.40	
08 71 11 00-1192	EA	14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	253.96	1.76	9.52
				11.40	
08 71 11 00-1193	EA	14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.55	1.76	9.52
				11.40	
08 71 11 00-1194	EA	14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	289.52	1.76	10.12
				11.40	
08 71 11 00-1195	EA	14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	306.15	1.76	10.12
				11.40	
08 71 11 00-1196	EA	14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	322.74	1.76	10.12
				11.40	
08 71 11 00-1197	EA	14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	339.34	1.76	10.12
				11.40	
08 71 11 00-1198	EA	14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	358.36	1.76	10.71
				11.40	
08 71 11 00-1199	EA	14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	374.95	1.76	10.71
				11.40	
08 71 11 00-1200	EA	14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	391.55	1.76	10.71
				11.40	
08 71 11 00-1201	EA	14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	410.55	1.76	11.30
				11.40	
08 71 11 00-1202	EA	14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	427.20	1.76	11.30
				11.40	
08 71 11 00-1203	EA	14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	443.80	1.76	11.30
				11.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1204 EA 16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	311.63 1.76 11.40	9.52
08 71 11 00-1205 EA 16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	336.53 1.76 11.40	9.52
08 71 11 00-1206 EA 16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	361.39 1.76 11.40	9.52
08 71 11 00-1207 EA 16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	386.26 1.76 11.40	9.52
08 71 11 00-1208 EA 16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	413.50 1.76 11.40	10.12
08 71 11 00-1209 EA 16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	438.36 1.76 11.40	10.12
08 71 11 00-1210 EA 16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	463.26 1.76 11.40	10.12
08 71 11 00-1211 EA 16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	488.12 1.76 11.40	10.12
08 71 11 00-1212 EA 16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	515.38 1.76 11.40	10.71
08 71 11 00-1213 EA 16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	540.24 1.76 11.40	10.71
08 71 11 00-1214 EA 16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	565.11 1.76 11.40	10.71
08 71 11 00-1215 EA 16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	592.35 1.76 11.40	11.30
08 71 11 00-1216 EA 16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	617.21 1.76 11.40	11.30
08 71 11 00-1217 EA 16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	642.08 1.76 11.40	11.30
08 71 11 00-1218 EA 18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	344.94 6.30 11.40	9.52
08 71 11 00-1219 EA 18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	372.87 6.30 11.40	9.52
08 71 11 00-1220 EA 18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	400.74 6.30 11.40	9.52
08 71 11 00-1221 EA 18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	428.66 6.30 11.40	9.52
08 71 11 00-1222 EA 18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	458.90 6.30 11.40	10.12
08 71 11 00-1223 EA 18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	486.80 6.30 11.40	10.12
08 71 11 00-1224 EA 18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	514.70 6.30 11.40	10.12
08 71 11 00-1225 EA 18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	542.59 6.30 11.40	10.12
08 71 11 00-1226 EA 18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	572.85 6.30 11.40	10.71
08 71 11 00-1227 EA 18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	600.78 6.30 11.40	10.71
08 71 11 00-1228 EA 18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	628.70 6.30 11.40	10.71
08 71 11 00-1229 EA 18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	658.94 6.30 11.40	11.30
08 71 11 00-1230 EA 18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	686.87 6.30 11.40	11.30
08 71 11 00-1231 EA 18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	714.73 6.30 11.40	11.30

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-1232	EA	20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	381.39	6.30 11.40	10.12
08 71 11 00-1233	EA	20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	412.44	6.30 11.40	10.12
08 71 11 00-1234	EA	20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	443.39	6.30 11.40	10.12
08 71 11 00-1235	EA	20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	474.44	6.30 11.40	10.12
08 71 11 00-1236	EA	20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	507.79	6.30 11.40	10.71
08 71 11 00-1237	EA	20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	538.77	6.30 11.40	10.71
08 71 11 00-1238	EA	20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	569.79	6.30 11.40	10.71
08 71 11 00-1239	EA	20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	600.78	6.30 11.40	10.71
08 71 11 00-1240	EA	20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	634.19	6.30 11.40	11.30
08 71 11 00-1241	EA	20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	665.15	6.30 11.40	11.30
08 71 11 00-1242	EA	20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	696.14	6.30 11.40	11.30
08 71 11 00-1243	EA	20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	729.53	6.30 11.40	11.90
08 71 11 00-1244	EA	20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	760.52	6.30 11.40	11.90
08 71 11 00-1245	EA	20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	791.53	6.30 11.40	11.90
08 71 11 00-1246	EA	22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	415.50	6.30 11.40	10.12
08 71 11 00-1247	EA	22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	449.63	6.30 11.40	10.12
08 71 11 00-1248	EA	22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	483.71	6.30 11.40	10.12
08 71 11 00-1249	EA	22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	517.79	6.30 11.40	10.12
08 71 11 00-1250	EA	22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	554.31	6.30 11.40	10.71
08 71 11 00-1251	EA	22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	588.39	6.30 11.40	10.71
08 71 11 00-1252	EA	22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	622.49	6.30 11.40	10.71
08 71 11 00-1253	EA	22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	656.57	6.30 11.40	10.71
08 71 11 00-1254	EA	22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	693.07	6.30 11.40	11.30
08 71 11 00-1255	EA	22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	727.15	6.30 11.40	11.30
08 71 11 00-1256	EA	22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	761.26	6.30 11.40	11.30
08 71 11 00-1257	EA	22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	797.71	6.30 11.40	11.90
08 71 11 00-1258	EA	22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	831.79	6.30 11.40	11.90
08 71 11 00-1259	EA	22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	865.93	6.30 11.40	11.90



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1260	EA		24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	449.63 6.30 11.40	10.12
08 71 11 00-1261	EA		24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	486.80 6.30 11.40	10.12
08 71 11 00-1262	EA		24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	523.99 6.30 11.40	10.12
08 71 11 00-1263	EA		24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	561.19 6.30 11.40	10.12
08 71 11 00-1264	EA		24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	600.78 6.30 11.40	10.71
08 71 11 00-1265	EA		24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	637.97 6.30 11.40	10.71
08 71 11 00-1266	EA		24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	675.23 6.30 11.40	10.71
08 71 11 00-1267	EA		24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	712.36 6.30 11.40	10.71
08 71 11 00-1268	EA		24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	751.93 6.30 11.40	11.30
08 71 11 00-1269	EA		24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	789.15 6.30 11.40	11.30
08 71 11 00-1270	EA		24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	826.35 6.30 11.40	11.30
08 71 11 00-1271	EA		24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	865.93 6.30 11.40	11.90
08 71 11 00-1272	EA		24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	903.12 6.30 11.40	11.90
08 71 11 00-1273	EA		24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	940.32 6.30 11.40	11.90
<b>08 71 11 00-1274</b>			<b>Satin Nickel Finish, Stainless Kick Plate</b> <small>(08 71 11 00-0892)</small>		
08 71 11 00-1275	EA		8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.40 1.76 11.40	8.93
08 71 11 00-1276	EA		8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.06 1.76 11.40	8.93
08 71 11 00-1277	EA		8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.80 1.76 11.40	8.93
08 71 11 00-1278	EA		8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	171.46 1.76 11.40	8.93
08 71 11 00-1279	EA		8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.59 1.76 11.40	9.52
08 71 11 00-1280	EA		8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.28 1.76 11.40	9.52
08 71 11 00-1281	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.99 1.76 11.40	9.52
08 71 11 00-1282	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.68 1.76 11.40	9.52
08 71 11 00-1283	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	224.70 1.76 11.40	10.12
08 71 11 00-1284	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	234.45 1.76 11.40	10.12
08 71 11 00-1285	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.13 1.76 11.40	10.12
08 71 11 00-1286	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.24 1.76 11.40	10.71
08 71 11 00-1287	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.92 1.76 11.40	10.71



## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1288	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	275.64 1.76 11.40	10.71
08 71 11 00-1289	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.05 1.76 11.40	8.93
08 71 11 00-1290	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.20 1.76 11.40	8.93
08 71 11 00-1291	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.29 1.76 11.40	8.93
08 71 11 00-1292	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.41 1.76 11.40	8.93
08 71 11 00-1293	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.93 1.76 11.40	9.52
08 71 11 00-1294	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	232.08 1.76 11.40	9.52
08 71 11 00-1295	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.17 1.76 11.40	9.52
08 71 11 00-1296	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.29 1.76 11.40	9.52
08 71 11 00-1297	EA		10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.81 1.76 11.40	10.12
08 71 11 00-1298	EA		10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.93 1.76 11.40	10.12
08 71 11 00-1299	EA		10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.02 1.76 11.40	10.12
08 71 11 00-1300	EA		10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	309.59 1.76 11.40	10.71
08 71 11 00-1301	EA		10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	321.68 1.76 11.40	10.71
08 71 11 00-1302	EA		10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.80 1.76 11.40	10.71
08 71 11 00-1303	EA		12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.73 1.76 11.40	8.93
08 71 11 00-1304	EA		12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.29 1.76 11.40	8.93
08 71 11 00-1305	EA		12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	224.81 1.76 11.40	8.93
08 71 11 00-1306	EA		12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	239.37 1.76 11.40	8.93
08 71 11 00-1307	EA		12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.29 1.76 11.40	9.52
08 71 11 00-1308	EA		12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.88 1.76 11.40	9.52
08 71 11 00-1309	EA		12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.43 1.76 11.40	9.52
08 71 11 00-1310	EA		12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	299.96 1.76 11.40	9.52
08 71 11 00-1311	EA		12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	316.89 1.76 11.40	10.12
08 71 11 00-1312	EA		12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	331.41 1.76 11.40	10.12
08 71 11 00-1313	EA		12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	345.94 1.76 11.40	10.12
08 71 11 00-1314	EA		12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	362.89 1.76 11.40	10.71
08 71 11 00-1315	EA		12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	377.48 1.76 11.40	10.71



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1316 EA 12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	392.00	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1317 EA 14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	224.77	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1318 EA 14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	241.76	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1319 EA 14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate.....	258.72	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1320 EA 14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	275.69	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1321 EA 14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	295.02	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1322 EA 14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	312.02	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1323 EA 14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	328.98	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1324 EA 14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	345.94	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1325 EA 14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	365.33	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1326 EA 14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	382.29	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1327 EA 14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	399.25	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1328 EA 14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	418.62	11.30
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1329 EA 14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	435.64	11.30
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1330 EA 14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	452.60	11.30
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1331 EA 16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	317.68	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1332 EA 16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	343.12	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1333 EA 16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	368.54	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1334 EA 16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	393.95	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1335 EA 16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	421.74	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1336 EA 16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	447.15	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1337 EA 16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	472.60	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1338 EA 16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	498.01	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1339 EA 16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	525.82	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1340 EA 16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	551.23	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1341 EA 16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	576.65	10.71
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1342 EA 16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	604.43	11.30
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1343 EA 16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate.....	629.85	11.30
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	

## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1344	EA		16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	655.26	11.30
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1345	EA		18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	351.72	9.52
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1346	EA		18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	380.27	9.52
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1347	EA		18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	408.75	9.52
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1348	EA		18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	437.29	9.52
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1349	EA		18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	468.14	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1350	EA		18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	496.66	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1351	EA		18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	525.17	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1352	EA		18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	553.68	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1353	EA		18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	584.56	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1354	EA		18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	613.10	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1355	EA		18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	641.64	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1356	EA		18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	672.50	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1357	EA		18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	701.04	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1358	EA		18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	729.52	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1359	EA		20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	388.92	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1360	EA		20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	420.65	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1361	EA		20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	452.29	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1362	EA		20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	484.03	10.12
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1363	EA		20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	518.06	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1364	EA		20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	549.73	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1365	EA		20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	581.43	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1366	EA		20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	613.10	10.71
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1367	EA		20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	647.20	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1368	EA		20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	678.84	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1369	EA		20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	710.51	11.30
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1370	EA		20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	744.59	11.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1371	EA		20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate .....	776.27	11.90
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1372 EA 20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	807.97 6.30 11.40	11.90
08 71 11 00-1373 EA 22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	423.78 6.30 11.40	10.12
08 71 11 00-1374 EA 22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	458.67 6.30 11.40	10.12
08 71 11 00-1375 EA 22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	493.50 6.30 11.40	10.12
08 71 11 00-1376 EA 22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	528.33 6.30 11.40	10.12
08 71 11 00-1377 EA 22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	565.61 6.30 11.40	10.71
08 71 11 00-1378 EA 22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	600.44 6.30 11.40	10.71
08 71 11 00-1379 EA 22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	635.30 6.30 11.40	10.71
08 71 11 00-1380 EA 22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	670.13 6.30 11.40	10.71
08 71 11 00-1381 EA 22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	707.39 6.30 11.40	11.30
08 71 11 00-1382 EA 22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	742.21 6.30 11.40	11.30
08 71 11 00-1383 EA 22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	777.07 6.30 11.40	11.30
08 71 11 00-1384 EA 22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	814.28 6.30 11.40	11.90
08 71 11 00-1385 EA 22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	849.11 6.30 11.40	11.90
08 71 11 00-1386 EA 22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	884.00 6.30 11.40	11.90
08 71 11 00-1387 EA 24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	458.67 6.30 11.40	10.12
08 71 11 00-1388 EA 24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	496.66 6.30 11.40	10.12
08 71 11 00-1389 EA 24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	534.68 6.30 11.40	10.12
08 71 11 00-1390 EA 24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	572.69 6.30 11.40	10.12
08 71 11 00-1391 EA 24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	613.10 6.30 11.40	10.71
08 71 11 00-1392 EA 24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	651.12 6.30 11.40	10.71
08 71 11 00-1393 EA 24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	689.19 6.30 11.40	10.71
08 71 11 00-1394 EA 24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	727.15 6.30 11.40	10.71
08 71 11 00-1395 EA 24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	767.54 6.30 11.40	11.30
08 71 11 00-1396 EA 24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	805.59 6.30 11.40	11.30
08 71 11 00-1397 EA 24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	843.60 6.30 11.40	11.30
08 71 11 00-1398 EA 24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	884.00 6.30 11.40	11.90
08 71 11 00-1399 EA 24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	922.02 6.30 11.40	11.90

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1400	EA		24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	960.04 6.30 11.40	11.90
<b>08 71 11 00-1401</b>			<b>Stainless Base Material Kick Plate</b> (08 71 11 00-0763)		
<b>08 71 11 00-1402</b>			<b>Satin Stainless Finish, Stainless Kick Plate</b> (08 71 11 00-1401)		
08 71 11 00-1403	EA		8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.68 1.76 11.40	8.93
08 71 11 00-1404	EA		8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.62 1.76 11.40	8.93
08 71 11 00-1405	EA		8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.48 1.76 11.40	8.93
08 71 11 00-1406	EA		8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.46 1.76 11.40	8.93
08 71 11 00-1407	EA		8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.74 1.76 11.40	9.52
08 71 11 00-1408	EA		8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.60 1.76 11.40	9.52
08 71 11 00-1409	EA		8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.58 1.76 11.40	9.52
08 71 11 00-1410	EA		8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.46 1.76 11.40	9.52
08 71 11 00-1411	EA		8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.75 1.76 11.40	10.12
08 71 11 00-1412	EA		8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.67 1.76 11.40	10.12
08 71 11 00-1413	EA		8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.56 1.76 11.40	10.12
08 71 11 00-1414	EA		8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.87 1.76 11.40	10.71
08 71 11 00-1415	EA		8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.79 1.76 11.40	10.71
08 71 11 00-1416	EA		8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.68 1.76 11.40	10.71
08 71 11 00-1417	EA		10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.68 1.76 11.40	8.93
08 71 11 00-1418	EA		10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.35 1.76 11.40	8.93
08 71 11 00-1419	EA		10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	82.99 1.76 11.40	8.93
08 71 11 00-1420	EA		10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.60 1.76 11.40	8.93
08 71 11 00-1421	EA		10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.66 1.76 11.40	9.52
08 71 11 00-1422	EA		10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.30 1.76 11.40	9.52
08 71 11 00-1423	EA		10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.91 1.76 11.40	9.52
08 71 11 00-1424	EA		10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.52 1.76 11.40	9.52
08 71 11 00-1425	EA		10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.59 1.76 11.40	10.12
08 71 11 00-1426	EA		10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.21 1.76 11.40	10.12
08 71 11 00-1427	EA		10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.82 1.76 11.40	10.12



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1428 EA 10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.88 1.76 11.40	10.71
08 71 11 00-1429 EA 10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.52 1.76 11.40	10.71
08 71 11 00-1430 EA 10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.13 1.76 11.40	10.71
08 71 11 00-1431 EA 12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.71 1.76 11.40	8.93
08 71 11 00-1432 EA 12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.07 1.76 11.40	8.93
08 71 11 00-1433 EA 12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.44 1.76 11.40	8.93
08 71 11 00-1434 EA 12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.80 1.76 11.40	8.93
08 71 11 00-1435 EA 12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.52 1.76 11.40	9.52
08 71 11 00-1436 EA 12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.92 1.76 11.40	9.52
08 71 11 00-1437 EA 12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.25 1.76 11.40	9.52
08 71 11 00-1438 EA 12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.64 1.76 11.40	9.52
08 71 11 00-1439 EA 12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.35 1.76 11.40	10.12
08 71 11 00-1440 EA 12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.74 1.76 11.40	10.12
08 71 11 00-1441 EA 12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.13 1.76 11.40	10.12
08 71 11 00-1442 EA 12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.85 1.76 11.40	10.71
08 71 11 00-1443 EA 12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.25 1.76 11.40	10.71
08 71 11 00-1444 EA 12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.58 1.76 11.40	10.71
08 71 11 00-1445 EA 14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.11 1.76 11.40	9.52
08 71 11 00-1446 EA 14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.19 1.76 11.40	9.52
08 71 11 00-1447 EA 14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.30 1.76 11.40	9.52
08 71 11 00-1448 EA 14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.39 1.76 11.40	9.52
08 71 11 00-1449 EA 14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.82 1.76 11.40	10.12
08 71 11 00-1450 EA 14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.93 1.76 11.40	10.12
08 71 11 00-1451 EA 14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.02 1.76 11.40	10.12
08 71 11 00-1452 EA 14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.13 1.76 11.40	10.12
08 71 11 00-1453 EA 14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.63 1.76 11.40	10.71
08 71 11 00-1454 EA 14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.66 1.76 11.40	10.71
08 71 11 00-1455 EA 14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.78 1.76 11.40	10.71



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1456	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.26 1.76 11.40	11.30
08 71 11 00-1457	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.35 1.76 11.40	11.30
08 71 11 00-1458	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.46 1.76 11.40	11.30
08 71 11 00-1459	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.30 1.76 11.40	9.52
08 71 11 00-1460	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.80 1.76 11.40	9.52
08 71 11 00-1461	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.04 1.76 11.40	9.52
08 71 11 00-1462	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.25 1.76 11.40	9.52
08 71 11 00-1463	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.84 1.76 11.40	10.12
08 71 11 00-1464	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.08 1.76 11.40	10.12
08 71 11 00-1465	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.32 1.76 11.40	10.12
08 71 11 00-1466	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.53 1.76 11.40	10.12
08 71 11 00-1467	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.13 1.76 11.40	10.71
08 71 11 00-1468	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.40 1.76 11.40	10.71
08 71 11 00-1469	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.64 1.76 11.40	10.71
08 71 11 00-1470	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.75 1.76 11.40	11.30
08 71 11 00-1471	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.44 1.76 11.40	11.30
08 71 11 00-1472	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	194.68 1.76 11.40	11.30
08 71 11 00-1473	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.41 6.30 11.40	9.52
08 71 11 00-1474	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.28 6.30 11.40	9.52
08 71 11 00-1475	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.10 6.30 11.40	9.52
08 71 11 00-1476	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.95 6.30 11.40	9.52
08 71 11 00-1477	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.20 6.30 11.40	10.12
08 71 11 00-1478	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.02 6.30 11.40	10.12
08 71 11 00-1479	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.86 6.30 11.40	10.12
08 71 11 00-1480	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	163.68 6.30 11.40	10.12
08 71 11 00-1481	EA	18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.95 6.30 11.40	10.71
08 71 11 00-1482	EA	18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.80 6.30 11.40	10.71
08 71 11 00-1483	EA	18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.62 6.30 11.40	10.71



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1484 EA 18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.86 6.30 11.40	11.30
08 71 11 00-1485 EA 18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.74 6.30 11.40	11.30
08 71 11 00-1486 EA 18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.56 6.30 11.40	11.30
08 71 11 00-1487 EA 20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.16 6.30 11.40	10.12
08 71 11 00-1488 EA 20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.75 6.30 11.40	10.12
08 71 11 00-1489 EA 20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.38 6.30 11.40	10.12
08 71 11 00-1490 EA 20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.95 6.30 11.40	10.12
08 71 11 00-1491 EA 20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.97 6.30 11.40	10.71
08 71 11 00-1492 EA 20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.60 6.30 11.40	10.71
08 71 11 00-1493 EA 20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.17 6.30 11.40	10.71
08 71 11 00-1494 EA 20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.80 6.30 11.40	10.71
08 71 11 00-1495 EA 20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.77 6.30 11.40	11.30
08 71 11 00-1496 EA 20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.39 6.30 11.40	11.30
08 71 11 00-1497 EA 20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.02 6.30 11.40	11.30
08 71 11 00-1498 EA 20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.97 6.30 11.40	11.90
08 71 11 00-1499 EA 20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	222.60 6.30 11.40	11.90
08 71 11 00-1500 EA 20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.20 6.30 11.40	11.90
08 71 11 00-1501 EA 22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.51 6.30 11.40	10.12
08 71 11 00-1502 EA 22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.91 6.30 11.40	10.12
08 71 11 00-1503 EA 22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.24 6.30 11.40	10.12
08 71 11 00-1504 EA 22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.64 6.30 11.40	10.12
08 71 11 00-1505 EA 22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.36 6.30 11.40	10.71
08 71 11 00-1506 EA 22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.76 6.30 11.40	10.71
08 71 11 00-1507 EA 22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.11 6.30 11.40	10.71
08 71 11 00-1508 EA 22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.49 6.30 11.40	10.71
08 71 11 00-1509 EA 22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.21 6.30 11.40	11.30
08 71 11 00-1510 EA 22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.59 6.30 11.40	11.30
08 71 11 00-1511 EA 22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.00 6.30 11.40	11.30

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1512	EA 22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	231.70 6.30 11.40	11.90
08 71 11 00-1513	EA 22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.11 6.30 11.40	11.90
08 71 11 00-1514	EA 22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.43 6.30 11.40	11.90
08 71 11 00-1515	EA 24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.91 6.30 11.40	10.12
08 71 11 00-1516	EA 24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.02 6.30 11.40	10.12
08 71 11 00-1517	EA 24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.18 6.30 11.40	10.12
08 71 11 00-1518	EA 24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.28 6.30 11.40	10.12
08 71 11 00-1519	EA 24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.80 6.30 11.40	10.71
08 71 11 00-1520	EA 24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.93 6.30 11.40	10.71
08 71 11 00-1521	EA 24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.06 6.30 11.40	10.71
08 71 11 00-1522	EA 24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.19 6.30 11.40	10.71
08 71 11 00-1523	EA 24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	218.69 6.30 11.40	11.30
08 71 11 00-1524	EA 24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.82 6.30 11.40	11.30
08 71 11 00-1525	EA 24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.95 6.30 11.40	11.30
08 71 11 00-1526	EA 24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.43 6.30 11.40	11.90
08 71 11 00-1527	EA 24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	257.59 6.30 11.40	11.90
08 71 11 00-1528	EA 24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.75 6.30 11.40	11.90
<b>08 71 11 00-1529</b>	<b>Bright Stainless Finish, Stainless Kick Plate</b> (08 71 11 00-1401)		
08 71 11 00-1530	EA 8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.02 1.76 11.40	8.93
08 71 11 00-1531	EA 8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.90 1.76 11.40	8.93
08 71 11 00-1532	EA 8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.73 1.76 11.40	8.93
08 71 11 00-1533	EA 8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.58 1.76 11.40	8.93
08 71 11 00-1534	EA 8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.79 1.76 11.40	9.52
08 71 11 00-1535	EA 8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.67 1.76 11.40	9.52
08 71 11 00-1536	EA 8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.49 1.76 11.40	9.52
08 71 11 00-1537	EA 8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.37 1.76 11.40	9.52
08 71 11 00-1538	EA 8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.53 1.76 11.40	10.12
08 71 11 00-1539	EA 8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.41 1.76 11.40	10.12



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1540	EA		8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	184.30 1.76 11.40	10.12
08 71 11 00-1541	EA		8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.51 1.76 11.40	10.71
08 71 11 00-1542	EA		8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.36 1.76 11.40	10.71
08 71 11 00-1543	EA		8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.18 1.76 11.40	10.71
08 71 11 00-1544	EA		10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.86 1.76 11.40	8.93
08 71 11 00-1545	EA		10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.40 1.76 11.40	8.93
08 71 11 00-1546	EA		10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.99 1.76 11.40	8.93
08 71 11 00-1547	EA		10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.56 1.76 11.40	8.93
08 71 11 00-1548	EA		10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.48 1.76 11.40	9.52
08 71 11 00-1549	EA		10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.04 1.76 11.40	9.52
08 71 11 00-1550	EA		10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.64 1.76 11.40	9.52
08 71 11 00-1551	EA		10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.20 1.76 11.40	9.52
08 71 11 00-1552	EA		10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	203.11 1.76 11.40	10.12
08 71 11 00-1553	EA		10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.67 1.76 11.40	10.12
08 71 11 00-1554	EA		10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.26 1.76 11.40	10.12
08 71 11 00-1555	EA		10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	231.16 1.76 11.40	10.71
08 71 11 00-1556	EA		10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	239.75 1.76 11.40	10.71
08 71 11 00-1557	EA		10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.32 1.76 11.40	10.71
08 71 11 00-1558	EA		12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.68 1.76 11.40	8.93
08 71 11 00-1559	EA		12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.98 1.76 11.40	8.93
08 71 11 00-1560	EA		12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.26 1.76 11.40	8.93
08 71 11 00-1561	EA		12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	179.54 1.76 11.40	8.93
08 71 11 00-1562	EA		12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.20 1.76 11.40	9.52
08 71 11 00-1563	EA		12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.42 1.76 11.40	9.52
08 71 11 00-1564	EA		12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.73 1.76 11.40	9.52
08 71 11 00-1565	EA		12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	223.00 1.76 11.40	9.52
08 71 11 00-1566	EA		12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.65 1.76 11.40	10.12
08 71 11 00-1567	EA		12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.93 1.76 11.40	10.12

## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1568	EA	12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....256.17	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1569	EA	12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....268.87	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1570	EA	12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....279.12	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1571	EA	12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....289.39	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1572	EA	14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....169.94	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1573	EA	14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....181.93	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1574	EA	14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....193.92	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1575	EA	14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....205.90	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1576	EA	14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....220.26	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1577	EA	14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....232.22	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1578	EA	14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....244.21	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1579	EA	14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....256.17	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1580	EA	14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....270.58	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1581	EA	14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....282.57	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1582	EA	14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....294.56	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1583	EA	14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....308.92	11.30	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1584	EA	14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....320.85	11.30	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1585	EA	14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....332.84	11.30	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1586	EA	16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....188.75	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1587	EA	16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....202.42	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1588	EA	16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....216.18	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1589	EA	16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....229.85	9.52	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1590	EA	16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....245.93	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1591	EA	16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....259.63	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1592	EA	16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....273.30	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1593	EA	16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....287.00	10.12	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1594	EA	16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....303.10	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1595	EA	16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....316.77	10.71	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1596 EA 16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.47 1.76 11.40	10.71
08 71 11 00-1597 EA 16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	346.54 1.76 11.40	11.30
08 71 11 00-1598 EA 16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	360.28 1.76 11.40	11.30
08 71 11 00-1599 EA 16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	373.98 1.76 11.40	11.30
08 71 11 00-1600 EA 18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.60 6.30 11.40	9.52
08 71 11 00-1601 EA 18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.25 6.30 11.40	9.52
08 71 11 00-1602 EA 18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.78 6.30 11.40	9.52
08 71 11 00-1603 EA 18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	256.43 6.30 11.40	9.52
08 71 11 00-1604 EA 18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	274.39 6.30 11.40	10.12
08 71 11 00-1605 EA 18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	289.93 6.30 11.40	10.12
08 71 11 00-1606 EA 18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.58 6.30 11.40	10.12
08 71 11 00-1607 EA 18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.03 6.30 11.40	10.12
08 71 11 00-1608 EA 18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	339.15 6.30 11.40	10.71
08 71 11 00-1609 EA 18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	354.75 6.30 11.40	10.71
08 71 11 00-1610 EA 18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.34 6.30 11.40	10.71
08 71 11 00-1611 EA 18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	388.30 6.30 11.40	11.30
08 71 11 00-1612 EA 18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	403.89 6.30 11.40	11.30
08 71 11 00-1613 EA 18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	419.49 6.30 11.40	11.30
08 71 11 00-1614 EA 20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	231.07 6.30 11.40	10.12
08 71 11 00-1615 EA 20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.38 6.30 11.40	10.12
08 71 11 00-1616 EA 20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.71 6.30 11.40	10.12
08 71 11 00-1617 EA 20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	283.02 6.30 11.40	10.12
08 71 11 00-1618 EA 20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.74 6.30 11.40	10.71
08 71 11 00-1619 EA 20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	320.11 6.30 11.40	10.71
08 71 11 00-1620 EA 20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	337.38 6.30 11.40	10.71
08 71 11 00-1621 EA 20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	354.75 6.30 11.40	10.71
08 71 11 00-1622 EA 20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	374.39 6.30 11.40	11.30
08 71 11 00-1623 EA 20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	391.76 6.30 11.40	11.30



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1624	EA 20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	409.09 6.30 11.40	11.30
08 71 11 00-1625	EA 20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	428.78 6.30 11.40	11.90
08 71 11 00-1626	EA 20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	446.11 6.30 11.40	11.90
08 71 11 00-1627	EA 20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	463.42 6.30 11.40	11.90
08 71 11 00-1628	EA 22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	250.12 6.30 11.40	10.12
08 71 11 00-1629	EA 22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	269.17 6.30 11.40	10.12
08 71 11 00-1630	EA 22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	288.22 6.30 11.40	10.12
08 71 11 00-1631	EA 22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	307.26 6.30 11.40	10.12
08 71 11 00-1632	EA 22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	328.73 6.30 11.40	10.71
08 71 11 00-1633	EA 22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	347.81 6.30 11.40	10.71
08 71 11 00-1634	EA 22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	366.88 6.30 11.40	10.71
08 71 11 00-1635	EA 22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	385.93 6.30 11.40	10.71
08 71 11 00-1636	EA 22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	407.35 6.30 11.40	11.30
08 71 11 00-1637	EA 22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	426.40 6.30 11.40	11.30
08 71 11 00-1638	EA 22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	445.44 6.30 11.40	11.30
08 71 11 00-1639	EA 22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	466.87 6.30 11.40	11.90
08 71 11 00-1640	EA 22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	485.98 6.30 11.40	11.90
08 71 11 00-1641	EA 22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	505.03 6.30 11.40	11.90
08 71 11 00-1642	EA 24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	269.17 6.30 11.40	10.12
08 71 11 00-1643	EA 24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	289.93 6.30 11.40	10.12
08 71 11 00-1644	EA 24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	310.75 6.30 11.40	10.12
08 71 11 00-1645	EA 24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	331.54 6.30 11.40	10.12
08 71 11 00-1646	EA 24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	354.75 6.30 11.40	10.71
08 71 11 00-1647	EA 24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	375.51 6.30 11.40	10.71
08 71 11 00-1648	EA 24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	396.30 6.30 11.40	10.71
08 71 11 00-1649	EA 24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	417.12 6.30 11.40	10.71
08 71 11 00-1650	EA 24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	440.28 6.30 11.40	11.30
08 71 11 00-1651	EA 24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	461.04 6.30 11.40	11.30



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1652	EA 24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate For Four Beveled Edges, Add For UL Label (Fire Rated), Add	481.86 6.30 11.40	11.30
08 71 11 00-1653	EA 24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate For Four Beveled Edges, Add For UL Label (Fire Rated), Add	505.03 6.30 11.40	11.90
08 71 11 00-1654	EA 24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate For Four Beveled Edges, Add For UL Label (Fire Rated), Add	525.84 6.30 11.40	11.90
08 71 11 00-1655	EA 24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate For Four Beveled Edges, Add For UL Label (Fire Rated), Add	546.60 6.30 11.40	11.90
<b>08 71 11 00-1656</b>	<b>Plastic Kick Plate</b> (08 71 11 00-0763)		
<b>08 71 11 00-1657</b>	<b>Clear Or Black Finish, Plastic Kick Plate</b> (08 71 11 00-1656) Note: With four beveled edges.		
08 71 11 00-1658	EA 8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.42	8.93
08 71 11 00-1659	EA 8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	61.54	8.93
08 71 11 00-1660	EA 8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.74	8.93
08 71 11 00-1661	EA 8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.89	8.93
08 71 11 00-1662	EA 8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.45	9.52
08 71 11 00-1663	EA 8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.60	9.52
08 71 11 00-1664	EA 8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.72	9.52
08 71 11 00-1665	EA 8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.92	9.52
08 71 11 00-1666	EA 8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.05	10.12
08 71 11 00-1667	EA 8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.56	10.12
08 71 11 00-1668	EA 8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.76	10.12
08 71 11 00-1669	EA 8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.29	10.71
08 71 11 00-1670	EA 8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.47	10.71
08 71 11 00-1671	EA 8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.62	10.71
08 71 11 00-1672	EA 10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	65.34	8.93
08 71 11 00-1673	EA 10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	68.06	8.93
08 71 11 00-1674	EA 10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.73	8.93
08 71 11 00-1675	EA 10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	73.40	8.93
08 71 11 00-1676	EA 10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	78.52	9.52
08 71 11 00-1677	EA 10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.19	9.52
08 71 11 00-1678	EA 10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.91	9.52
08 71 11 00-1679	EA 10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.58	9.52
08 71 11 00-1680	EA 10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.68	10.12
08 71 11 00-1681	EA 10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.35	10.12
08 71 11 00-1682	EA 10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.07	10.12
08 71 11 00-1683	EA 10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.13	10.71
08 71 11 00-1684	EA 10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.86	10.71
08 71 11 00-1685	EA 10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.53	10.71
08 71 11 00-1686	EA 12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.28	8.93
08 71 11 00-1687	EA 12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	74.53	8.93
08 71 11 00-1688	EA 12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.72	8.93
08 71 11 00-1689	EA 12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.00	8.93
08 71 11 00-1690	EA 12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	86.58	9.52
08 71 11 00-1691	EA 12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.86	9.52
08 71 11 00-1692	EA 12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	93.10	9.52
08 71 11 00-1693	EA 12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	96.32	9.52
08 71 11 00-1694	EA 12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	101.89	10.12
08 71 11 00-1695	EA 12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.14	10.12
08 71 11 00-1696	EA 12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.41	10.12
08 71 11 00-1697	EA 12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.00	10.71
08 71 11 00-1698	EA 12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.27	10.71
08 71 11 00-1699	EA 12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	120.46	10.71
08 71 11 00-1700	EA 14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.59	9.52
08 71 11 00-1701	EA 14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.39	9.52
08 71 11 00-1702	EA 14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.13	9.52
08 71 11 00-1703	EA 14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.93	9.52
08 71 11 00-1704	EA 14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.07	10.12
08 71 11 00-1705	EA 14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.82	10.12
08 71 11 00-1706	EA 14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	104.61	10.12
08 71 11 00-1707	EA 14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.41	10.12
08 71 11 00-1708	EA 14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.55	10.71
08 71 11 00-1709	EA 14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.34	10.71
08 71 11 00-1710	EA 14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.11	10.71
08 71 11 00-1711	EA 14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	128.23	11.30
08 71 11 00-1712	EA 14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	132.03	11.30
08 71 11 00-1713	EA 14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	135.77	11.30
08 71 11 00-1714	EA 16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.63	9.52
08 71 11 00-1715	EA 16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.61	9.52
08 71 11 00-1716	EA 16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.51	9.52
08 71 11 00-1717	EA 16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	107.48	9.52
08 71 11 00-1718	EA 16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.83	10.12
08 71 11 00-1719	EA 16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.78	10.12
08 71 11 00-1720	EA 16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	124.75	10.12
08 71 11 00-1721	EA 16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.68	10.12



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

08 71 11 00-1722	EA	16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	137.04	10.71
08 71 11 00-1723	EA	16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	141.99	10.71
08 71 11 00-1724	EA	16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.97	10.71
08 71 11 00-1725	EA	16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.31	11.30
08 71 11 00-1726	EA	16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	159.21	11.30
08 71 11 00-1727	EA	16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	164.19	11.30
08 71 11 00-1728	EA	18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	99.41	9.52
08 71 11 00-1729	EA	18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	105.02	9.52
08 71 11 00-1730	EA	18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	110.57	9.52
08 71 11 00-1731	EA	18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	116.18	9.52
08 71 11 00-1732	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	124.92	10.12
08 71 11 00-1733	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.68	10.12
08 71 11 00-1734	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	135.28	10.12
08 71 11 00-1735	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	140.83	10.12
08 71 11 00-1736	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	148.83	10.71
08 71 11 00-1737	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.41	10.71
08 71 11 00-1738	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	159.96	10.71
08 71 11 00-1739	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	167.93	11.30
08 71 11 00-1740	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.48	11.30
08 71 11 00-1741	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	179.09	11.30
08 71 11 00-1742	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	108.62	10.12
08 71 11 00-1743	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	114.83	10.12
08 71 11 00-1744	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	121.01	10.12
08 71 11 00-1745	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	127.21	10.12
08 71 11 00-1746	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	135.81	10.71
08 71 11 00-1747	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	141.99	10.71
08 71 11 00-1748	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	148.20	10.71
08 71 11 00-1749	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.41	10.71
08 71 11 00-1750	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	162.96	11.30
08 71 11 00-1751	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	169.16	11.30
08 71 11 00-1752	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	175.34	11.30
08 71 11 00-1753	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	183.93	11.90
08 71 11 00-1754	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	190.14	11.90
08 71 11 00-1755	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	196.32	11.90
08 71 11 00-1756	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	115.46	10.12
08 71 11 00-1757	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.24	10.12
08 71 11 00-1758	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.07	10.12
08 71 11 00-1759	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	135.86	10.12
08 71 11 00-1760	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	145.11	10.71
08 71 11 00-1761	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	151.94	10.71
08 71 11 00-1762	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	158.73	10.71
08 71 11 00-1763	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	165.56	10.71
08 71 11 00-1764	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	174.72	11.30
08 71 11 00-1765	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	181.55	11.30
08 71 11 00-1766	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	188.39	11.30
08 71 11 00-1767	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	197.55	11.90
08 71 11 00-1768	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	204.38	11.90
08 71 11 00-1769	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	211.17	11.90
08 71 11 00-1770	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	122.24	10.12
08 71 11 00-1771	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	129.68	10.12
08 71 11 00-1772	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	137.14	10.12
08 71 11 00-1773	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	144.58	10.12
08 71 11 00-1774	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	154.41	10.71
08 71 11 00-1775	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	161.82	10.71
08 71 11 00-1776	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	169.25	10.71
08 71 11 00-1777	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	176.72	10.71
08 71 11 00-1778	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	186.53	11.30
08 71 11 00-1779	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	193.94	11.30
08 71 11 00-1780	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	201.38	11.30
08 71 11 00-1781	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	211.17	11.90
08 71 11 00-1782	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	218.66	11.90
08 71 11 00-1783	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	226.09	11.90

08 71 11 00-1784 Mop Plate (08 71 11 00-0762)  
Note: Ives 8400.

08 71 11 00-1785 Aluminum Base Material Mop Plate (08 71 11 00-1784)

08 71 11 00-1786 Satin Aluminum Finish, Aluminum Mop Plate (08 71 11 00-1785)

08 71 11 00-1787	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	51.35	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1788	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	52.90	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1789	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	54.38	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1790	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	55.93	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	



	<b>Openings 08</b>	
	<b>Hardware 08 70</b>	<b>08</b>
	<b>Door Hardware 08 71</b>	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1791	EA 4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.90 1.76 11.40	9.04
08 71 11 00-1792	EA 4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.39 1.76 11.40	9.04
08 71 11 00-1793	EA 4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.94 1.76 11.40	9.04
08 71 11 00-1794	EA 4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	63.42 1.76 11.40	9.04
08 71 11 00-1795	EA 4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	67.00 1.76 11.40	9.52
08 71 11 00-1796	EA 4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.51 1.76 11.40	9.52
08 71 11 00-1797	EA 4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.03 1.76 11.40	9.52
08 71 11 00-1798	EA 4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.92 1.76 11.40	10.12
08 71 11 00-1799	EA 4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.46 1.76 11.40	10.12
08 71 11 00-1800	EA 4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	76.95 1.76 11.40	10.12
08 71 11 00-1801	EA 6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.72 1.76 11.40	8.69
08 71 11 00-1802	EA 6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	61.99 1.76 11.40	8.69
08 71 11 00-1803	EA 6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.30 1.76 11.40	8.69
08 71 11 00-1804	EA 6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.57 1.76 11.40	8.69
08 71 11 00-1805	EA 6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.30 1.76 11.40	9.04
08 71 11 00-1806	EA 6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	72.55 1.76 11.40	9.04
08 71 11 00-1807	EA 6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.88 1.76 11.40	9.04
08 71 11 00-1808	EA 6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	77.12 1.76 11.40	9.04
08 71 11 00-1809	EA 6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.46 1.76 11.40	9.52
08 71 11 00-1810	EA 6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.73 1.76 11.40	9.52
08 71 11 00-1811	EA 6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.03 1.76 11.40	9.52
08 71 11 00-1812	EA 6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.68 1.76 11.40	10.12
08 71 11 00-1813	EA 6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.98 1.76 11.40	10.12
08 71 11 00-1814	EA 6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.22 1.76 11.40	10.12
08 71 11 00-1815	<b>Brass Base Material Mop Plate</b> <small>(08 71 11 00-1784)</small>		
08 71 11 00-1816	<b>Bright/Satin Brass Finish, Brass Mop Plate</b> <small>(08 71 11 00-1815)</small>		
08 71 11 00-1817	EA 4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.79 1.76 11.40	8.69
08 71 11 00-1818	EA 4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.30 1.76 11.40	8.69

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1819	EA		4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.76 1.76 11.40	8.69
08 71 11 00-1820	EA		4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.25 1.76 11.40	8.69
08 71 11 00-1821	EA		4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.14 1.76 11.40	9.04
08 71 11 00-1822	EA		4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.60 1.76 11.40	9.04
08 71 11 00-1823	EA		4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.09 1.76 11.40	9.04
08 71 11 00-1824	EA		4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.55 1.76 11.40	9.04
08 71 11 00-1825	EA		4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.07 1.76 11.40	9.52
08 71 11 00-1826	EA		4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.53 1.76 11.40	9.52
08 71 11 00-1827	EA		4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.98 1.76 11.40	9.52
08 71 11 00-1828	EA		4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.84 1.76 11.40	10.12
08 71 11 00-1829	EA		4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.30 1.76 11.40	10.12
08 71 11 00-1830	EA		4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.82 1.76 11.40	10.12
08 71 11 00-1831	EA		6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.43 1.76 11.40	8.69
08 71 11 00-1832	EA		6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.12 1.76 11.40	8.69
08 71 11 00-1833	EA		6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.84 1.76 11.40	8.69
08 71 11 00-1834	EA		6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.52 1.76 11.40	8.69
08 71 11 00-1835	EA		6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.67 1.76 11.40	9.04
08 71 11 00-1836	EA		6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.42 1.76 11.40	9.04
08 71 11 00-1837	EA		6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.08 1.76 11.40	9.04
08 71 11 00-1838	EA		6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.83 1.76 11.40	9.04
08 71 11 00-1839	EA		6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.52 1.76 11.40	9.52
08 71 11 00-1840	EA		6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.26 1.76 11.40	9.52
08 71 11 00-1841	EA		6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.98 1.76 11.40	9.52
08 71 11 00-1842	EA		6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.04 1.76 11.40	10.12
08 71 11 00-1843	EA		6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	194.76 1.76 11.40	10.12
08 71 11 00-1844	EA		6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.45 1.76 11.40	10.12
08 71 11 00-1845			<b>Bright/Satin Chrome Finish, Stainless Mop Plate</b> (08 71 11 00-1815)		
08 71 11 00-1846	EA		4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.70 1.76 11.40	8.69





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1847	EA 4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.60 1.76 11.40	8.69
08 71 11 00-1848	EA 4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.52 1.76 11.40	8.69
08 71 11 00-1849	EA 4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.44 1.76 11.40	8.69
08 71 11 00-1850	EA 4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.76 1.76 11.40	9.04
08 71 11 00-1851	EA 4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.69 1.76 11.40	9.04
08 71 11 00-1852	EA 4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.61 1.76 11.40	9.04
08 71 11 00-1853	EA 4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.50 1.76 11.40	9.04
08 71 11 00-1854	EA 4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.45 1.76 11.40	9.52
08 71 11 00-1855	EA 4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.41 1.76 11.40	9.52
08 71 11 00-1856	EA 4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.33 1.76 11.40	9.52
08 71 11 00-1857	EA 4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.62 1.76 11.40	10.12
08 71 11 00-1858	EA 4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	153.51 1.76 11.40	10.12
08 71 11 00-1859	EA 4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.43 1.76 11.40	10.12
08 71 11 00-1860	EA 6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.73 1.76 11.40	8.69
08 71 11 00-1861	EA 6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.07 1.76 11.40	8.69
08 71 11 00-1862	EA 6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.47 1.76 11.40	8.69
08 71 11 00-1863	EA 6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.87 1.76 11.40	8.69
08 71 11 00-1864	EA 6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.64 1.76 11.40	9.04
08 71 11 00-1865	EA 6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.03 1.76 11.40	9.04
08 71 11 00-1866	EA 6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.37 1.76 11.40	9.04
08 71 11 00-1867	EA 6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.77 1.76 11.40	9.04
08 71 11 00-1868	EA 6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.20 1.76 11.40	9.52
08 71 11 00-1869	EA 6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.54 1.76 11.40	9.52
08 71 11 00-1870	EA 6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.94 1.76 11.40	9.52
08 71 11 00-1871	EA 6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.65 1.76 11.40	10.12
08 71 11 00-1872	EA 6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.04 1.76 11.40	10.12
08 71 11 00-1873	EA 6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	217.41 1.76 11.40	10.12

08 71 11 00-1874 Satin/Dark Bronze Finish, Brass Mop Plate (08 71 11 00-1815)



## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1875	EA		4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.60 1.76 11.40	8.69
08 71 11 00-1876	EA		4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.59 1.76 11.40	8.69
08 71 11 00-1877	EA		4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.60 1.76 11.40	8.69
08 71 11 00-1878	EA		4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.58 1.76 11.40	8.69
08 71 11 00-1879	EA		4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	111.02 1.76 11.40	9.04
08 71 11 00-1880	EA		4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.03 1.76 11.40	9.04
08 71 11 00-1881	EA		4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.05 1.76 11.40	9.04
08 71 11 00-1882	EA		4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.06 1.76 11.40	9.04
08 71 11 00-1883	EA		4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.04 1.76 11.40	9.52
08 71 11 00-1884	EA		4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.05 1.76 11.40	9.52
08 71 11 00-1885	EA		4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	143.07 1.76 11.40	9.52
08 71 11 00-1886	EA		4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.45 1.76 11.40	10.12
08 71 11 00-1887	EA		4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.46 1.76 11.40	10.12
08 71 11 00-1888	EA		4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	160.41 1.76 11.40	10.12
08 71 11 00-1889	EA		6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.08 1.76 11.40	8.69
08 71 11 00-1890	EA		6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.63 1.76 11.40	8.69
08 71 11 00-1891	EA		6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.12 1.76 11.40	8.69
08 71 11 00-1892	EA		6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.20 1.76 11.40	8.69
08 71 11 00-1893	EA		6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.52 1.76 11.40	9.04
08 71 11 00-1894	EA		6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.01 1.76 11.40	9.04
08 71 11 00-1895	EA		6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	163.50 1.76 11.40	9.04
08 71 11 00-1896	EA		6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.99 1.76 11.40	9.04
08 71 11 00-1897	EA		6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.57 1.76 11.40	9.52
08 71 11 00-1898	EA		6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	188.05 1.76 11.40	9.52
08 71 11 00-1899	EA		6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.54 1.76 11.40	9.52
08 71 11 00-1900	EA		6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.40 1.76 11.40	10.12
08 71 11 00-1901	EA		6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.89 1.76 11.40	10.12
08 71 11 00-1902	EA		6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate ..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.38 1.76 11.40	10.12



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 11 00-1903 Satin Nickel Finish, Stainless Mop Plate</b> <small>(08 71 11 00-1815)</small>		
08 71 11 00-1904 EA 4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	90.56	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1905 EA 4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	95.59	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1906 EA 4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	100.71	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1907 EA 4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	105.80	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1908 EA 4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	112.32	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1909 EA 4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	117.38	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1910 EA 4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	122.47	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1911 EA 4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	127.56	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1912 EA 4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	134.72	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1913 EA 4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	139.78	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1914 EA 4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	144.84	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1915 EA 4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	152.33	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1916 EA 4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	157.42	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1917 EA 4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	162.45	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1918 EA 6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	118.51	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1919 EA 6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	126.13	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1920 EA 6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	133.76	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1921 EA 6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	141.38	8.69
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1922 EA 6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	150.43	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1923 EA 6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	158.05	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1924 EA 6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	165.67	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1925 EA 6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	173.32	9.04
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1926 EA 6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	182.97	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1927 EA 6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	190.62	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1928 EA 6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	198.25	9.52
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1929 EA 6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	208.24	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1930 EA 6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	215.86	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1931 EA 6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate.....	223.51	10.12
For Four Beveled Edges, Add	1.76	
For UL Label (Fire Rated), Add	11.40	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-1932		Stainless Base Material Mop Plate <small>(08 71 11 00-1784)</small>		
08 71 11 00-1933		Satin Stainless Finish, Stainless Mop Plate <small>(08 71 11 00-1932)</small>		
08 71 11 00-1934	EA	4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	52.80	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1935	EA	4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	54.41	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1936	EA	4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	56.08	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1937	EA	4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	57.71	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1938	EA	4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.81	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1939	EA	4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.48	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1940	EA	4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.08	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1941	EA	4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.75	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1942	EA	4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.42	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1943	EA	4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	71.08	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1944	EA	4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	72.75	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1945	EA	4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.73	10.12
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1946	EA	4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.40	10.12
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1947	EA	4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.03	10.12
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1948	EA	6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	61.82	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1949	EA	6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.32	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1950	EA	6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	66.79	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1951	EA	6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.29	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1952	EA	6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	73.16	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1953	EA	6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	75.63	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1954	EA	6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.13	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1955	EA	6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	80.60	9.04
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1956	EA	6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.13	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1957	EA	6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	87.57	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1958	EA	6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	90.04	9.52
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1959	EA	6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	94.91	10.12
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	



	<b>Openings 08</b>	
	<b>Hardware 08 70</b>	<b>08</b>
	<b>Door Hardware 08 71</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1960	EA		6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.35 1.76 11.40	10.12
08 71 11 00-1961	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.85 1.76 11.40	10.12
<b>08 71 11 00-1962 Bright Stainless Finish, Stainless Mop Plate</b> <small>(08 71 11 00-1932)</small>					
08 71 11 00-1963	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.50 1.76 11.40	8.69
08 71 11 00-1964	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	78.14 1.76 11.40	8.69
08 71 11 00-1965	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.79 1.76 11.40	8.69
08 71 11 00-1966	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	85.38 1.76 11.40	8.69
08 71 11 00-1967	EA		4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.45 1.76 11.40	9.04
08 71 11 00-1968	EA		4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.07 1.76 11.40	9.04
08 71 11 00-1969	EA		4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.72 1.76 11.40	9.04
08 71 11 00-1970	EA		4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.36 1.76 11.40	9.04
08 71 11 00-1971	EA		4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.98 1.76 11.40	9.52
08 71 11 00-1972	EA		4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.63 1.76 11.40	9.52
08 71 11 00-1973	EA		4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.27 1.76 11.40	9.52
08 71 11 00-1974	EA		4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.26 1.76 11.40	10.12
08 71 11 00-1975	EA		4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.91 1.76 11.40	10.12
08 71 11 00-1976	EA		4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.49 1.76 11.40	10.12
08 71 11 00-1977	EA		6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.43 1.76 11.40	8.69
08 71 11 00-1978	EA		6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.93 1.76 11.40	8.69
08 71 11 00-1979	EA		6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.37 1.76 11.40	8.69
08 71 11 00-1980	EA		6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.81 1.76 11.40	8.69
08 71 11 00-1981	EA		6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.65 1.76 11.40	9.04
08 71 11 00-1982	EA		6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.09 1.76 11.40	9.04
08 71 11 00-1983	EA		6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.53 1.76 11.40	9.04
08 71 11 00-1984	EA		6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.98 1.76 11.40	9.04
08 71 11 00-1985	EA		6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.48 1.76 11.40	9.52
08 71 11 00-1986	EA		6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.92 1.76 11.40	9.52
08 71 11 00-1987	EA		6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	152.36 1.76 11.40	9.52

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1988 EA 6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	160.17 1.76 11.40	10.12
08 71 11 00-1989 EA 6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	165.58 1.76 11.40	10.12
08 71 11 00-1990 EA 6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add For UL Label (Fire Rated), Add</i>	171.02 1.76 11.40	10.12

**08 71 11 00-1991 Plastic Mop Plate** (08 71 11 00-1784)**08 71 11 00-1992 Clear Or Black Finish, Plastic Mop Plate** (08 71 11 00-1991)

Note: With four beveled edges.

08 71 11 00-1993 EA 4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	48.90	8.69
08 71 11 00-1994 EA 4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	50.20	8.69
08 71 11 00-1995 EA 4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	51.52	8.69
08 71 11 00-1996 EA 4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	52.81	8.69
08 71 11 00-1997 EA 4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	55.54	9.04
08 71 11 00-1998 EA 4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	56.83	9.04
08 71 11 00-1999 EA 4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	58.12	9.04
08 71 11 00-2000 EA 4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	59.44	9.04
08 71 11 00-2001 EA 4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	62.77	9.52
08 71 11 00-2002 EA 4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	64.06	9.52
08 71 11 00-2003 EA 4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	65.35	9.52
08 71 11 00-2004 EA 4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	69.02	10.12
08 71 11 00-2005 EA 4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	70.34	10.12
08 71 11 00-2006 EA 4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	71.63	10.12
08 71 11 00-2007 EA 6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	56.05	8.69
08 71 11 00-2008 EA 6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	58.01	8.69
08 71 11 00-2009 EA 6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	59.95	8.69
08 71 11 00-2010 EA 6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	61.89	8.69
08 71 11 00-2011 EA 6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	65.29	9.04
08 71 11 00-2012 EA 6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	67.23	9.04
08 71 11 00-2013 EA 6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	69.17	9.04
08 71 11 00-2014 EA 6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	71.11	9.04
08 71 11 00-2015 EA 6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	75.11	9.52
08 71 11 00-2016 EA 6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	77.05	9.52
08 71 11 00-2017 EA 6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	78.99	9.52
08 71 11 00-2018 EA 6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	83.33	10.12
08 71 11 00-2019 EA 6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	85.27	10.12
08 71 11 00-2020 EA 6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	87.21	10.12

**08 71 11 00-2021 Armor Door Plate** (08 71 11 00-0762)

Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.

08 71 11 00-2022 SF 4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	30.32	1.49
08 71 11 00-2023 SF >8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	29.01	1.16
08 71 11 00-2024 SF 4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	33.34	1.49
08 71 11 00-2025 SF >8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	32.03	1.16
08 71 11 00-2026 SF 4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	68.33	1.49
08 71 11 00-2027 SF >8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	67.02	1.16

**08 71 11 00-2028 Pull Handle And Plates** (08 71 11 00-0762)



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 11 00-2029 Pull Handle</b> <small>(08 71 11 00-2028)</small>		
08 71 11 00-2030 EA 3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6).....	63.83	9.81
For Stainless Steel, Add	10.32	
For Brass, Add	14.00	
08 71 11 00-2031 EA 3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8).....	67.02	9.81
For Stainless Steel, Add	11.66	
For Brass, Add	15.82	
08 71 11 00-2032 EA 3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10).....	72.05	9.81
For Stainless Steel, Add	13.77	
For Brass, Add	18.69	
08 71 11 00-2033 EA 1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8).....	74.84	9.81
For Stainless Steel, Add	14.94	
For Brass, Add	20.28	
08 71 11 00-2034 EA 1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10).....	79.89	9.81
For Stainless Steel, Add	17.06	
For Brass, Add	23.16	
08 71 11 00-2035 EA 1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12).....	86.41	9.81
For Stainless Steel, Add	19.80	
For Brass, Add	26.88	
08 71 11 00-2036 EA 1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6).....	67.26	9.81
For Stainless Steel, Add	11.76	
For Brass, Add	15.96	
08 71 11 00-2037 EA 1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8).....	74.22	9.81
For Stainless Steel, Add	14.68	
For Brass, Add	19.93	
08 71 11 00-2038 EA 1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10).....	75.36	9.81
For Stainless Steel, Add	15.16	
For Brass, Add	20.58	
08 71 11 00-2039 EA 1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8) .....	145.64	9.81
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	20.11	
For Brass, Add	18.51	
08 71 11 00-2040 EA 1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0) .....	149.94	9.81
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	20.92	
For Brass, Add	19.26	
08 71 11 00-2041 EA 1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2) .....	158.59	9.81
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	22.55	
For Brass, Add	20.76	
08 71 11 00-2042 EA 1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18) .....	208.71	9.81
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	32.03	
For Brass, Add	29.48	
<b>08 71 11 00-2043 Pull Plate</b> <small>(08 71 11 00-2028)</small>		
08 71 11 00-2044 EA 3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302).....	99.78	7.44
For Stainless Steel, Add	41.32	
For Brass, Add	52.53	
08 71 11 00-2045 EA 4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) .....	102.22	7.44
For Stainless Steel, Add	42.76	
For Brass, Add	54.36	
08 71 11 00-2046 EA 6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302) .....	107.77	7.44
For Stainless Steel, Add	46.04	
For Brass, Add	58.52	
<b>08 71 11 00-2047 Push Bars And Plates</b> <small>(08 71 11 00-0762)</small>		
<b>08 71 11 00-2048 Push Bars</b> <small>(08 71 11 00-2047)</small>		
08 71 11 00-2049 EA 3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate.....	287.55	7.44
Note: Up to 34" wide. All finishes.		
08 71 11 00-2050 EA 3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide .....	266.92	7.44
For Brass Push Bar, Add	41.27	
08 71 11 00-2051 EA 1" Diameter Stainless Steel Push Bar, Up To 34" Wide .....	276.87	7.44
For Brass Push Bar, Add	43.00	
08 71 11 00-2052 EA 1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide .....	524.00	7.44
For Brass Push Bar, Add	86.00	
<b>08 71 11 00-2053 Push Plates</b> <small>(08 71 11 00-2047)</small>		
<b>08 71 11 00-2054 Aluminum Push Plates</b> <small>(08 71 11 00-2053)</small>		
<b>08 71 11 00-2055 Clear Anodized Finish, Aluminum Push Plates</b> <small>(08 71 11 00-2054)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2056 EA 3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	47.34	7.44
08 71 11 00-2057 EA 4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	47.34	7.44
08 71 11 00-2058 EA 6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	47.34	7.44
08 71 11 00-2059 EA 8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware .....	51.79	7.44
<b>08 71 11 00-2060 Stainless Steel Push Plates</b> <small>(08 71 11 00-2053)</small>		
<b>08 71 11 00-2061 Satin Finish, Stainless Steel Push Plates</b> <small>(08 71 11 00-2060)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2062 EA 3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware.....	47.34	7.44



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2063	EA	4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	50.76	7.44
08 71 11 00-2064	EA	6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	58.58	7.44
08 71 11 00-2065	EA	8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware.....	70.15	7.44
<b>08 71 11 00-2066</b>		<b>Brass Push Plates</b> (08 71 11 00-2063)		
<b>08 71 11 00-2067</b>		<b>Bright/Satin Brass Finish, Brass Push Plates</b> (08 71 11 00-2066)		
		Note: Ives 8200 Series.		
08 71 11 00-2068	EA	3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	57.79	7.44
08 71 11 00-2069	EA	4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	66.58	7.44
08 71 11 00-2070	EA	6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	87.75	7.44
08 71 11 00-2071	EA	8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware.....	101.65	7.44
<b>08 71 11 00-2072</b>		<b>Bright/Satin Chrome Finish, Brass Push Plates</b> (08 71 11 00-2066)		
		Note: Ives 8200 Series.		
08 71 11 00-2073	EA	3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	64.82	7.44
08 71 11 00-2074	EA	4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	71.96	7.44
08 71 11 00-2075	EA	6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	91.35	7.44
08 71 11 00-2076	EA	8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware.....	110.47	7.44
<b>08 71 11 00-2077</b>		<b>Satin/Dark Bronze Finish, Brass Push Plates</b> (08 71 11 00-2066)		
		Note: Ives 8200 Series.		
08 71 11 00-2078	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	64.82	7.44
08 71 11 00-2079	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	71.96	7.44
08 71 11 00-2080	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	94.77	7.44
08 71 11 00-2081	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware.....	112.37	7.44
<b>08 71 11 00-2082</b>		<b>Satin Nickel Finish, Brass Push Plates</b> (08 71 11 00-2066)		
		Note: Ives 8200 Series.		
08 71 11 00-2083	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware.....	64.82	7.44
08 71 11 00-2084	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	73.75	7.44
08 71 11 00-2085	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	100.19	7.44
08 71 11 00-2086	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware.....	117.79	7.44
<b>08 71 11 00-2087</b>		<b>Exit Devices</b> (08 71 11)		
<b>08 71 11 00-2088</b>		<b>Push Bar Exit Device, Von Duprin Series 22</b> (08 71 11 00-2087)		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2089	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22).....	791.04	133.84
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	13.87	
08 71 11 00-2090	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F).....	876.93	133.84
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	13.87	
08 71 11 00-2091	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227).....	1,140.47	160.62
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	13.87	
08 71 11 00-2092	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F).....	1,354.41	148.72
		Note: Anodized finish: aluminum or dark brown.		
		For 4' Push Bar, Add	13.87	
08 71 11 00-2093	EA	Dummy Trim (Von Duprin Series 22, 210DT).....	108.02	22.30
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2094	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL).....	229.35	29.74
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2095	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K).....	427.47	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2096	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L).....	423.51	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2097	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP).....	422.52	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2098	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE).....	337.87	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2099	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO).....	136.73	17.85
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2100	EA	Dummy Trim (Von Duprin Series 22, 230DT).....	158.52	22.30
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2101	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL).....	281.84	29.74
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2102	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE).....	333.91	44.62
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2103	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE).....	332.92	44.62
		Note: Anodized finish: aluminum or dark brown.		
<b>08 71 11 00-2104</b>		<b>Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35</b> (08 71 11 00-2087)		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71	11 00-2105	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35) ..... Note: Aluminum anodized finish.	1,611.16	133.84
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	125.42	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	128.43	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	121.03	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	47.66	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	366.23	
08 71	11 00-2106	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527) ..... Note: Aluminum anodized finish.	2,192.10	160.62
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	176.38	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	180.61	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	170.20	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	67.02	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	515.02	
08 71	11 00-2107	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F) ..... Note: Aluminum anodized finish.	2,234.83	160.62
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	180.65	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	184.99	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	174.33	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	68.65	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	527.50	
08 71	11 00-2108	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547) ..... Note: Aluminum anodized finish.	2,273.27	184.41
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	177.95	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	182.22	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	171.72	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	67.62	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	519.62	
08 71	11 00-2109	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F) ..... Note: Aluminum anodized finish.	2,383.51	184.41
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	188.98	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	193.51	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	182.36	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	71.81	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	551.81	
08 71	11 00-2110	EA	3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548) ..... Note: Aluminum anodized finish.	2,537.61	184.41
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	204.39	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	209.29	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	197.23	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	77.67	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	596.81	
08 71	11 00-2111	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F) ..... Note: Aluminum anodized finish.	2,647.85	184.41
			<i>For 4' Push Bar, Add</i>	13.87	
			<i>For Accessible Device (AX), Add</i>	215.41	
			<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	220.58	
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	207.87	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	81.86	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	629.00	
08 71	11 00-2112	EA	Dummy Trim (Von Duprin Series 33/35, DT) ..... Note: Anodized finish: aluminum or dark brown.	360.93	22.30
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	29.09	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	11.46	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	88.02	
08 71	11 00-2113	EA	Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP) ..... Note: Anodized finish: aluminum or dark brown.	413.78	29.74
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	31.89	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	12.56	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	96.50	
08 71	11 00-2114	EA	Night Latch With Cylinder (Von Duprin Series 33/35, NL) ..... Note: Anodized finish: aluminum or dark brown.	664.01	29.74
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	56.04	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	22.07	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	169.57	
08 71	11 00-2115	EA	Lever Trim With Cylinder (Von Duprin Series 33/35, 360L) ..... Note: Anodized finish: aluminum or dark brown.	678.94	44.62
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	54.04	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	21.28	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	163.51	
08 71	11 00-2116	EA	Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE) ..... Note: Anodized finish: aluminum or dark brown.	802.50	44.62
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	65.96	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	25.97	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	199.59	
08 71	11 00-2117	EA	Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT) ..... Note: Anodized finish: aluminum or dark brown.	786.92	44.62
			<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	64.46	
			<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	25.38	
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	195.04	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2118	EA	Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T).....	794.20	44.62
		Note: Anodized finish: aluminum or dark brown.		
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	65.16	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	25.66	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	197.16	
<b>08 71 11 00-2119</b>		<b>Push Bar Exit Device, Von Duprin Series 98/99</b> <small>(08 71 11 00-2087)</small>		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2120	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99).....	1,552.51	133.84
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	119.56	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	72.93	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	115.97	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	185.31	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	379.00	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	119.56	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	175.75	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2121	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F).....	1,761.64	133.84
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	140.47	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	85.69	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	136.26	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	217.73	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	445.29	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	140.47	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	206.49	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2122	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99).....	1,406.83	133.84
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	104.99	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	64.04	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	101.84	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	162.73	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	332.82	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	104.99	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	154.33	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2123	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F).....	1,567.28	133.84
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	121.03	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	73.83	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	117.40	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	187.60	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	383.68	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	121.03	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	177.92	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2124	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927).....	2,213.48	160.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	178.52	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	108.89	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	173.16	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	276.70	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	565.90	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	178.52	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	262.42	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2125 EA 3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F) .....	2,496.94	160.62
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	206.86	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	126.19	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	200.66	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	320.64	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	655.75	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	206.86	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	304.09	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2126 EA 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947) .....	2,325.52	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	183.18	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	170.35	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	177.68	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	283.92	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	580.67	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	183.18	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	269.27	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2127 EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F) .....	2,615.28	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	212.15	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	197.30	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	205.79	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	328.84	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	672.53	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	212.15	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	311.86	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2128 EA 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948) .....	2,621.57	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	212.78	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	197.89	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	206.40	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	329.81	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	674.52	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	212.78	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	312.79	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2129 EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F) .....	2,394.45	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	190.07	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	176.77	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	184.37	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	294.61	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	602.52	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	190.07	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	279.40	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION  
UNIT COST UNIT COST

08 71 11 00-2130	EA	3' Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC) .....	2,099.29	184.41
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	160.55	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	149.32	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	155.74	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	248.86	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	508.96	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	160.55	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	236.01	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2131	EA	3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F) .....	2,355.82	184.41
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	186.21	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	173.17	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	180.62	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	288.62	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	590.28	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	186.21	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	273.72	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2132	EA	3' Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957) .....	2,265.63	160.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	183.73	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	112.08	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	178.22	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	284.78	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	582.43	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	183.73	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	270.08	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2133	EA	3' Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F) .....	2,413.21	160.62
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	198.49	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	121.08	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	192.53	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	307.66	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	629.21	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	198.49	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	291.78	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2134	EA	3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975) .....	2,193.53	166.57
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	174.74	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	64.65	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	169.49	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	270.84	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	553.92	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	174.74	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	256.86	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Cylinder Dogging Indicator (CI), Add	174.58	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Door Hardware</b>	<b>08 71</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2135 EA 3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F).....	2,406.42	166.57
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	196.03	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	72.53	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	190.15	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	303.84	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	621.40	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	196.03	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	288.16	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2136 EA 3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949).....	2,004.20	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	151.05	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	140.47	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	146.51	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	234.12	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	478.81	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	151.05	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	222.04	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2137 EA 3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849-F/9949-F) .....	2,170.59	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	167.68	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	155.95	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	162.65	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	259.91	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	531.56	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	167.68	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	246.50	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2138 EA 3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC) .....	2,176.54	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	168.28	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	156.50	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	163.23	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	260.83	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	533.44	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	168.28	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	247.37	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2139 EA 3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F/9949WDC-F) .....	2,473.68	184.41
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Accessible Device (AX), Add	197.99	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	184.13	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	192.05	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	306.89	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	627.64	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	197.99	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	291.05	
For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
For Special Center Case Dogging (SD), Add	262.29	
For Cylinder Dogging Indicator (CI), Add	174.58	
For Dogging Indicator (DI), Add	160.38	
For Quiet Electric Latch Retraction (QEL), Add	833.54	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
For Safety Glow Touchpad, Add	292.35	



## 08 Openings

08 70 Hardware

08 71 Door Hardware



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 71 11 00-2140	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99).....	3,443.74	154.67
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	302.73	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	469.23	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	959.66	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	302.73	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	112.62	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	126.54	
		For Center Case Dogging (CD-CX), Add	283.16	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2141	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F).....	3,652.87	154.67
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	323.65	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	501.65	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,025.95	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	323.65	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	120.40	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	135.28	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2142	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975) .....	4,096.67	190.36
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	357.91	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	554.76	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,134.58	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	357.91	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	133.14	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	149.61	
		For Center Case Dogging (CD-CX), Add	283.16	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2143	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F).....	4,309.58	190.36
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	379.20	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	587.76	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,202.07	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	379.20	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	141.06	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	158.51	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2144	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99).....	2,209.14	154.67
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	179.27	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	277.87	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	568.29	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	179.27	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	66.69	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	102.90	
		For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
		For Special Center Case Dogging (SD), Add	262.29	
		For Dogging Indicator (DI), Add	160.38	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2145	EA	3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F) .....	2,418.27	154.67
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Accessible Device (AX), Add	200.19	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	310.29	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	634.59	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	200.19	
		For Duraanodic Dark Bronze US313 (BHMA 710) Finish, Add	74.47	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	114.91	
		For Quiet Electric Latch Retraction (QEL), Add	833.54	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
		For Safety Glow Touchpad, Add	292.35	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2146	EA		3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975).....	2,862.07	190.36
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Accessible Device (AX), Add	234.45	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	363.40	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	743.21	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	234.45	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	87.22	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	134.58	
			For Standard Baseplate Cylinder Dogging (CD), Add	62.65	
			For Special Center Case Dogging (SD), Add	262.29	
			For Dogging Indicator (DI), Add	160.38	
			For Quiet Electric Latch Retraction (QEL), Add	833.54	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
			For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2147	EA		3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F).....	3,074.96	190.36
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Accessible Device (AX), Add	255.74	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	396.40	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	810.70	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	255.74	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	95.14	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	146.80	
			For Quiet Electric Latch Retraction (QEL), Add	833.54	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	81.03	
			For Safety Glow Touchpad, Add	292.35	
08 71 11 00-2148	EA		Exit Only Trim Plate (Von Duprin Series 98/99, EO).....	181.46	17.85
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	4.02	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	6.02	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	22.76	
08 71 11 00-2149	EA		Dummy Trim (Von Duprin Series 98/99, 990DT).....	267.72	22.30
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.25	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.37	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	35.40	
08 71 11 00-2150	EA		Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL).....	396.00	29.74
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.38	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	14.07	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	53.16	
08 71 11 00-2151	EA		Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL).....	306.40	29.74
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.69	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	10.04	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	37.93	
08 71 11 00-2152	EA		Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L).....	689.86	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	17.13	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	25.69	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	97.05	
08 71 11 00-2153	EA		Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L).....	600.27	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	14.44	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	21.66	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	81.82	
08 71 11 00-2154	EA		Blank Escutcheon, Lever (Von Duprin Series 98/99, 996L-BE).....	600.27	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	14.44	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	21.66	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	81.82	
08 71 11 00-2155	EA		Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL).....	583.62	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	13.94	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	20.91	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	78.99	
08 71 11 00-2156	EA		Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL).....	494.02	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	11.25	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.88	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	63.76	
08 71 11 00-2157	EA		Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT).....	494.02	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	11.25	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.88	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	63.76	
08 71 11 00-2158	EA		Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K).....	566.63	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	13.43	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	20.14	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	76.10	
08 71 11 00-2159	EA		Knob Trim Without Cylinder (Von Duprin Series 98/99, K).....	477.03	44.62
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.74	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.11	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	60.87	

**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2160	EA		Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	477.03 10.74 16.11 60.87	44.62
08 71 11 00-2161	EA		Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	557.07 13.14 19.71 74.48	44.62
08 71 11 00-2162	EA		Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	467.47 10.45 15.68 59.24	44.62
08 71 11 00-2163	EA		Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	467.47 10.45 15.68 59.24	44.62
08 71 11 00-2164	EA		Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	505.00 11.58 17.37 65.62	44.62
08 71 11 00-2165	EA		Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	415.40 8.89 13.34 50.39	44.62
08 71 11 00-2166	EA		Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	415.40 8.89 13.34 50.39	44.62
08 71 11 00-2167	EA		Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL) ..... Note: Satin chrome plated US26D (BHMA 626) finish. For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	415.18 8.89 13.33 50.35	44.62
08 71 11 00-2168			<b>Option And Kits For Series 22, 33, 35, 98 Or 99</b> (08 71 11 00-2087)		
08 71 11 00-2169	EA		Alarm Kit With Switch And 9 Volt Battery Back-up.....	981.65	44.62
08 71 11 00-2170	EA		4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914) ..... For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Panic Device Control Board, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	838.08 60.98 30.49 70.74 82.93 68.30 187.32 24.39	44.62
08 71 11 00-2171	EA		Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	782.25	44.62
08 71 11 00-2172	EA		2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902) ..... For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	401.98 60.98 30.49 82.93 68.30 187.32 24.39	44.62
08 71 11 00-2173	EA		4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904) ..... For Battery Backup (Includes Board And 2 Batteries), Add For Fire Alarm Interface, Add For 2 Relay Quiet Electric Latch Panic Device Control Board, Add For 4 Relay Output Board, Add For 4 Relay Logic Board, Add For Fused 8 Zone Distribution Board, Add	652.41 60.98 30.49 82.93 68.30 187.32 24.39	44.62
08 71 11 00-2174	EA		Request to Exit Push Pad Monitor Switch (RX).....	231.29	29.74
08 71 11 00-2175	EA		EL Conversion Kit, Electric Latch Retraction (Von Duprin) ..... Note: For Von Duprin Series 33A/35A/98/99 Exit Device	1,066.20	
08 71 11 00-2176			<b>Removable Verticals, Mullions (Von Duprin)</b> (08 71 11 00-2087)		
08 71 11 00-2177	EA		7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) ..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	574.59 -455.61	29.74
08 71 11 00-2178	EA		8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) ..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	610.25 -491.27	29.74
08 71 11 00-2179	EA		10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) ..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	994.85 -875.87	29.74
08 71 11 00-2180	EA		7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) ..... Note: For use with Von Duprin Panic rim devices. For Owner Furnished Material, Deduct	978.72 -835.95	35.69



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2181	EA		8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,014.37 -871.60	35.69
08 71 11 00-2182	EA		10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,092.62 -949.85	35.69
08 71 11 00-2183	EA		7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,015.96 -896.98	29.74
08 71 11 00-2184	EA		8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,062.58 -943.60	29.74
08 71 11 00-2185	EA		10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,157.06 -1,038.08	29.74
08 71 11 00-2186	EA		7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,572.65 -1,429.88	35.69
08 71 11 00-2187	EA		8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,619.27 -1,476.50	35.69
08 71 11 00-2188	EA		10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	3,084.05 -2,941.28	35.69
08 71 11 00-2189	EA		Mullion Stabilizer Set (Von Duprin 154) ..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	121.87 -74.28	23.79
08 71 11 00-2190			<b>Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55</b> <small>(08 71 11 00-2087)</small> Note: Grade 1, BHMA 156.3.		
08 71 11 00-2191	EA		42" Crossbar Exit Device, Rim Type, Narrow Stile ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,248.72 238.36 274.31 361.33 393.49	133.84
08 71 11 00-2192	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,897.60 302.89 348.56 459.14 500.00	184.41
08 71 11 00-2193	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	3,166.01 336.70 387.48 510.40 555.83	184.41
08 71 11 00-2194	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,963.96 311.25 358.18 471.81 513.80	184.41
08 71 11 00-2195	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	3,224.45 344.07 395.95 521.56 567.99	184.41
08 71 11 00-2196	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile ..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,250.77 227.38 261.67 344.68 375.36	166.57
08 71 11 00-2197	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,426.09 249.47 287.09 378.17 411.83	166.57
08 71 11 00-2198	EA		Dummy Trim (DT) Pull Bracket, Von Duprin Series 55 ..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	385.35 41.06 47.25 62.24 67.78	22.30
08 71 11 00-2199	EA		Cylinder Assembly, Von Duprin Series 55 ..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	175.41 11.61 13.36 17.59 19.16	31.53



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-2200	EA	Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55 .....	642.37		31.53
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	70.44		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	81.07		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	106.78		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	116.29		
08 71 11 00-2201	EA	Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55.....	689.95		44.62
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	71.94		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	82.79		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	109.06		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	118.76		
08 71 11 00-2202	EA	Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55 .....	568.65		44.62
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	56.66		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	65.20		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	85.89		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	93.53		
08 71 11 00-2203	EA	Lever Trim (371L) With Cylinder, Von Duprin Series 55 .....	689.95		44.62
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	71.94		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	82.79		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	109.06		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	118.76		
08 71 11 00-2204	EA	Lever Trim (575L) With Cylinder, Von Duprin Series 55 .....	794.93		44.62
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	85.17		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	98.01		
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	129.11		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	140.60		
08 71 11 00-2205		<b>Cross Bar Exit Device, Von Duprin Series 88</b> <small>(08 71 11 00-2087)</small>			
		Note: Grade 1, BHMA 156.3.			
08 71 11 00-2206	EA	42" Crossbar, Rim Type, Exit Device.....	1,429.61		133.84
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	33.25		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	34.33		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	292.84		
08 71 11 00-2207	EA	42" Crossbar, Fire Rated, Rim Type, Exit Device.....	1,666.33		133.84
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	40.59		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	41.90		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	357.46		
08 71 11 00-2208	EA	42" Crossbar, Surface Vertical Rods, Exit Device.....	1,848.64		160.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	44.03		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	45.45		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	387.75		
08 71 11 00-2209	EA	42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device.....	2,360.70		160.62
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	59.90		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	61.84		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	527.54		
08 71 11 00-2210	EA	42" Crossbar, Concealed Vertical Rods, Exit Device.....	1,785.21		184.41
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	40.04		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	41.33		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	352.57		
08 71 11 00-2211	EA	42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device .....	2,250.83		184.41
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	54.47		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	56.23		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	479.68		
08 71 11 00-2212	EA	42" Crossbar, Mortise Lock, Exit Device.....	1,912.04		166.57
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	45.44		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	46.91		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	400.19		
08 71 11 00-2213	EA	42" Crossbar, Fire Rated, Mortise Lock, Exit Device.....	2,032.88		166.57
		Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	49.19		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	50.78		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	433.17		
08 71 11 00-2214	EA	Dummy Trim (Von Duprin Series 88, DT).....	215.98		22.30
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	4.85		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	5.01		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	42.72		
08 71 11 00-2215	EA	Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL).....	338.29		29.74
		Note: Anodized finish: dull brass or dull bronze.			
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	7.91		
		<i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i>	8.16		
		<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	69.62		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2216 EA Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T) ..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	600.35 14.92 15.40 131.41	44.62
08 71 11 00-2217 EA Lever Trim With Cylinder (Von Duprin Series 88, 373L) ..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	560.73 13.69 14.14 120.60	44.62
08 71 11 00-2218 EA Knob Trim With Cylinder (Von Duprin Series 88, K) ..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	419.54 9.32 9.62 82.05	44.62
08 71 11 00-2219 EA Thumbpiece Trim With Cylinder (Von Duprin Series 88, TP) ..... Note: Anodized finish: dull brass or dull bronze. For Satin Chrome Plated US26D (BHMA 626) Finish, Add For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add For Bright Stainless Steel US32 (BHMA 629) Finish, Add	419.54 9.32 9.62 82.05	44.62
<b>08 71 11 00-2220 Door Closers</b> <small>(08 71 11)</small> Note: Includes standard cover and arm.		
08 71 11 00-2221 EA Surface Mounted Heavy-Duty Door Closer (LCN 4010/4020/4110 Series) ..... For Delayed Action, Add For AVB (5 Lb. Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add	600.66 12.60 6.60 39.60 19.80 13.80 101.40 127.20	34.50
08 71 11 00-2222 EA Surface Mounted Heavy-Duty Door Closer (LCN 4040XP/4041 Series) ..... For Delayed Action, Add For AVB (5 Lb. Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add For Spring Cush Arm, Add For Parallel Arm And PA Shoe, Add For Stainless Steel Finish, Add	617.72 12.60 6.60 39.60 19.80 13.80 101.40 127.20 67.20 22.40 145.00	34.50
08 71 11 00-2223 EA Surface Mounted High Security Door Closer With Metal Cover (LCN 4510) ..... For Delayed Action, Add For AVB (5 Lb. Per Push), Add For Fusible Link Arm, Add For Shock Absorbing Arm, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add	639.08 12.60 6.60 39.60 19.80 13.80 101.40 127.20	34.50
08 71 11 00-2224 EA Surface Mounted Standard Duty Door Closer (Norton 8301) ..... For Parallel Arm, Add	412.95 22.40	34.50
08 71 11 00-2225 EA Surface Mounted Standard Duty Door Closer (Norton 8501) ..... For Parallel Arm, Add	416.55 22.40	34.50
08 71 11 00-2226 EA Screen Door - Closer .....	57.95	12.92
08 71 11 00-2227 EA Screen Door - Locking Handle .....	63.47	18.56
<b>08 71 11 00-2228 Concealed Door Closers</b> <small>(08 71 11)</small>		
08 71 11 00-2229 EA Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28) .....	1,392.20	102.32
08 71 11 00-2230 EA Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27) .....	1,492.79	102.32
08 71 11 00-2231 EA Concealed (In Door) Overhead Door Closer (LCN 3130) ..... For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add	709.70 13.80 101.40 127.20	41.64
08 71 11 00-2232 EA Concealed (In Frame) Overhead Door Closer (LCN 5010) ..... For Delayed Action, Add For Hold Open Arm, Add For Plated Brass Finish, Add For Plated Finish With Clear Coat, Add	768.54 12.60 13.80 101.40 127.20	41.64
<b>08 71 11 00-2233 Locks And Latches</b> <small>(08 71 11)</small> Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.		
<b>08 71 11 00-2234 Locksmith Services</b> <small>(08 71 11 00-2233)</small>		
08 71 11 00-2235 EA Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys..... For >50, Deduct	1.99 -0.40	
08 71 11 00-2236 EA Rekey Existing Cylinder To Match Existing Cylinders Or Master Key..... For >5, Deduct	142.83 -14.28	
08 71 11 00-2237 EA Removal And Replacement Of Cylinder With Owner Supplied Cylinder..... For >5, Deduct	142.83 -14.28	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-2238	EA	Removal And Replacement Of Cylinder With New Cylinder .....		164.00	
		Note: Excludes core.			
		<i>For &gt;5, Deduct</i>		-14.28	
08 71 11 00-2239	EA	Open Locked Doors .....		142.83	
08 71 11 00-2240	EA	Install Owner Furnished Cores And Cylinders .....		59.85	
<b>08 71 11 00-2241 Mortise Locksets And Latchsets</b> <small>(08 71 11 00-2233)</small>					
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.			
08 71 11 00-2242	EA	Passage/Closet F01 Mortise Latchset .....		832.25	29.74
		Note: Both sides always unlocked.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		23.54	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		21.40	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		35.66	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		251.78	
08 71 11 00-2243	EA	Bath/Bedroom Privacy F02/F19 Mortise Lockset .....		990.74	29.74
		Note: Locked with thumb knob inside.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		28.77	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		26.15	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		43.59	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		307.73	
08 71 11 00-2244	EA	Entrance/Office F04 Mortise Lockset .....		1,102.83	29.74
		Note: Locked with key outside and thumb knob inside.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		32.47	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		29.52	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		49.19	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		347.30	
08 71 11 00-2245	EA	Classroom F05 Mortise Lockset .....		1,029.21	29.74
		Note: Locked with key outside. Inside always unlocked.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		30.04	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		27.31	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		45.51	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		321.31	
		<i>For Security Function (Double Cylinder) With Visual Indicator, Add</i>		80.60	
08 71 11 00-2246	EA	Storeroom/Closet F07 Mortise Lockset .....		1,029.21	29.74
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		30.04	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		27.31	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		45.51	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		321.31	
08 71 11 00-2247	EA	Entrance F08 Mortise Lockset .....		1,149.77	29.74
		Note: Locked with key outside and thumb knob inside.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		34.02	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		30.92	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		51.54	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		363.87	
08 71 11 00-2248	EA	Dormitory/Exit F13 Mortise Lockset .....		989.63	29.74
		Note: Locked with key outside and thumb knob inside.			
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>		28.73	
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		26.12	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		43.53	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		307.34	
<b>08 71 11 00-2249 Locks And Latches</b> <small>(08 71 11 00-2233)</small>					
<b>08 71 11 00-2250 Preassembled Locks And Latches</b> <small>(08 71 11 00-2249)</small>					
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.			
08 71 11 00-2251	EA	Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210) .....		1,733.73	29.74
		Note: Both sides always unlocked.			
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		49.33	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		82.22	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		580.50	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i>		305.88	
		<i>For Grade 2, Deduct</i>		-639.71	
08 71 11 00-2252	EA	Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220) .....		1,877.50	29.74
		Note: Locked with push button inside.			
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		53.65	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		89.41	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		631.26	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i>		332.62	
		<i>For Grade 2, Deduct</i>		-695.63	
08 71 11 00-2253	EA	Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261) .....		2,135.29	29.74
		Note: Locked with key outside and push button inside.			
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		61.38	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		102.30	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		722.26	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i>		380.57	
		<i>For Grade 2, Deduct</i>		-795.91	
08 71 11 00-2254	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255) .....		2,135.29	29.74
		Note: Locked with key outside. Inside always unlocked.			
		<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>		61.38	
		<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>		102.30	
		<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>		722.26	
		<i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i>		380.57	
		<i>For Grade 2, Deduct</i>		-795.91	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2255	EA		Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257)..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i>	2,135.29 61.38 102.30 722.26 380.57 -795.91	29.74
<b>08 71 11 00-2256</b>			<b>Bored Locks And Latches</b> <small>(08 71 11 00-2249)</small> Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.		
08 71 11 00-2257	EA		Passage/Closet F75 Bored Latchset ..... Note: Both sides always unlocked. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	290.24 5.14 8.56 60.45 31.85 -8.56 3.43 9.45	29.74
08 71 11 00-2258	EA		Bath/Bedroom Privacy F76 Bored Lockset ..... Note: Locked with push button inside. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	331.08 6.36 10.61 74.87 39.45 -10.61 4.24 9.45	29.74
08 71 11 00-2259	EA		Entrance/Office F82 Bored Lockset..... Note: Locked with key outside and push button inside. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	364.00 7.35 12.25 86.49 45.57 -12.25 4.90 9.45	29.74
08 71 11 00-2260	EA		Classroom F84 Bored Lockset..... Note: Locked with key outside. Inside always unlocked. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	364.00 7.35 12.25 86.49 45.57 -12.25 4.90 9.45	29.74
08 71 11 00-2261	EA		Storeroom/Closet F86 Bored Lockset..... Note: Locked with key outside. Inside always unlocked. Fixed outside handle. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	364.00 7.35 12.25 86.49 45.57 -12.25 4.90 9.45	29.74
08 71 11 00-2262	EA		Corridor/Dormitory F90 Bored Lockset ..... Note: Locked with key outside and push button inside. <i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i> <i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i> <i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i> <i>For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add</i> <i>For Grade 2, Deduct</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i> <i>For Interchangeable Core, Add</i>	364.00 7.35 12.25 86.49 45.57 -12.25 4.90 9.45	29.74
<b>08 71 11 00-2263</b>			<b>Multi-Point Lock</b> <small>(08 71 11 00-2233)</small>		
<b>08 71 11 00-2264</b>			<b>Threepoint Lock</b> <small>(08 71 11 00-2263)</small>		
08 71 11 00-2265	EA		Three 1/2" x 1" Solid Steel Bolts With 3/4" Throw Threepoint Lock.....	3,853.26	356.94
<b>08 71 11 00-2266</b>			<b>Other Locks</b> <small>(08 71 11 00-2233)</small> Note: BHMA A156.5.		
08 71 11 00-2267	EA		Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421 .....	997.45	154.67
08 71 11 00-2268	EA		Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461 .....	2,263.29	309.34
<b>08 71 11 00-2269</b>			<b>Pushbutton Combination Locks</b> <small>(08 71 11 00-2233)</small>		
<b>08 71 11 00-2270</b>			<b>Mechanical Pushbutton Combination Locks</b> <small>(08 71 11 00-2269)</small> Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>08 71 11 00-2271 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series)</b>		
<small>(08 71 11 00-2270)</small>		
Note: Satin chrome or antique brass finish.		
08 71 11 00-2272 EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series).....	828.00
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2273 EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series).....	890.20
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2274 EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series).....	915.08
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2275 EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series).....	977.29
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2276 EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series).....	933.75
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2277 EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series).....	995.95
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2278 EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series).....	1,020.83
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92
08 71 11 00-2279 EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series).....	1,083.04
	For Bright Chrome Or Bright Brass Finish, Add	17.50
	For Schlage Core, Add	48.91
	For Fire Rated, Add	66.92

<b>08 71 11 00-2280 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series)</b>		
<small>(08 71 11 00-2270)</small>		
Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2281 EA	Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	918.82
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91
08 71 11 00-2282 EA	Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series).....	968.58
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91
08 71 11 00-2283 EA	Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	1,068.11
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91
08 71 11 00-2284 EA	Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	1,105.43
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91
08 71 11 00-2285 EA	Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	1,105.43
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91
08 71 11 00-2286 EA	Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	1,043.23
	For Bright Chrome, Bright Brass Or Satin Brass Finish, Add	17.50
	For Dark Bronze Finish With Brass Accents, Add	70.00
	For Schlage Core, Add	48.91

<b>08 71 11 00-2287 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series)</b>		
<small>(08 71 11 00-2270)</small>		
Note: Satin chrome or antique brass finish.		



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2288	EA		Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	1,114.14	74.81
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
			<i>For Schlage Core, Add</i>	48.91	
08 71 11 00-2289	EA		Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	1,151.47	74.81
			<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
			<i>For Schlage Core, Add</i>	48.91	
<b>08 71 11 00-2290</b>			<b>Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470)</b>		
			<small>(08 71 11 00-2270)</small> Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2291	EA		Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	470.94	74.81
			<i>For Schlage Core, Add</i>	48.91	
08 71 11 00-2292	EA		Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	635.16	74.81
			<i>For Schlage Core, Add</i>	48.91	
<b>08 71 11 00-2293</b>			<b>Electrical Pushbutton Combination Locks</b> <small>(08 71 11 00-2269)</small>		
			Note: Privacy option limits access to privileged users (master codes).		
<b>08 71 11 00-2294</b>			<b>Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series)</b> <small>(08 71 11 00-2293)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2295	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	859.10	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2296	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	1,008.39	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2297	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	1,045.72	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2298	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	983.51	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2299	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	921.31	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2300	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,045.72	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2301	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,070.60	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2302	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,107.92	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2303	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,045.72	74.81
			<i>For Satin Brass Finish, Add</i>	17.50	
<b>08 71 11 00-2304</b>			<b>Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series)</b> <small>(08 71 11 00-2293)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2305	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	1,107.92	74.81
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	100.89	
			Note: Excludes momentary contact switch.		
08 71 11 00-2306	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	1,107.92	74.81
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	100.89	
			Note: Excludes momentary contact switch.		
<b>08 71 11 00-2307</b>			<b>Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series)</b> <small>(08 71 11 00-2293)</small>		
			Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2308	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,300.76	74.81
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	100.89	
			Note: Excludes momentary contact switch.		
08 71 11 00-2309	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,300.76	74.81
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	100.89	
			Note: Excludes momentary contact switch.		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

08 71 11 00-2310	<b>Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series)</b> <small>(08 71 11 00-2293)</small> <small>Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.</small>		
08 71 11 00-2311	EA Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,400.29	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2312	EA Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,524.70	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2313	EA Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,549.58	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2314	EA Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,586.90	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2315	EA Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,524.70	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2316	<b>Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series)</b> <small>(08 71 11 00-2293)</small> <small>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</small>		
08 71 11 00-2317	EA Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,991.24	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2318	EA Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	2,115.65	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2319	EA Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	2,140.53	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2320	EA Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	2,177.86	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2321	EA Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	2,115.65	74.81
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Remote Unlock, Add</i>	100.89	
	<small>Note: Excludes momentary contact switch.</small>		
08 71 11 00-2322	<b>Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series)</b> <small>(08 71 11 00-2293)</small> <small>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</small>		
08 71 11 00-2323	EA Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series).....	2,837.23	74.81
	<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
	<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	35.00	





<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 11 00-2324 Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series)</b> <small>(08 71 11 00-2293)</small>		
<small>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</small>		
08 71 11 00-2325 EA Twelve Button, Stand-Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series) .....	1,773.52	74.81
<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<b>08 71 11 00-2326 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series)</b> <small>(08 71 11 00-2293)</small>		
<small>Note: ANSI/BHMA Grade 1. Satin chrome finish.</small>		
08 71 11 00-2327 EA Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) .....	1,076.82	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-777.57	
08 71 11 00-2328 EA Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) .....	1,226.11	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-926.86	
08 71 11 00-2329 EA Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) .....	1,263.44	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-964.19	
08 71 11 00-2330 EA Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series) .....	1,201.23	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-901.98	
08 71 11 00-2331 EA Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) .....	1,139.02	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-839.77	
08 71 11 00-2332 EA Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) .....	1,263.44	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-964.19	
08 71 11 00-2333 EA Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) .....	1,288.32	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-989.07	
08 71 11 00-2334 EA Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) .....	1,325.64	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-1,026.39	
08 71 11 00-2335 EA Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series) .....	1,263.44	74.81
<i>For Satin Brass Finish, Add</i>	17.50	
<i>For Owner Furnished Material, Deduct</i>	-964.19	
<b>08 71 11 00-2336 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®)</b> <small>(08 71 11 00-2293)</small>		
08 71 11 00-2337 EA Standard Software Implementation Kit (Kaba® E-Plex®) .....	861.46	
08 71 11 00-2338 EA Enterprise Software Implementation Kit (Kaba® E-Plex®) .....	1,110.28	
08 71 11 00-2339 EA E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®) .....	1,483.51	
08 71 11 00-2340 EA USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®) .....	436.95	
08 71 11 00-2341 EA High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series) .....	134.44	
<small>Note: Includes 4 C-cell battery pack.</small>		
08 71 11 00-2342 EA 12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series) .....	160.56	
<b>08 71 11 00-2343 Electrical Pushbutton Combination Locks (Schlage)</b> <small>(08 71 11 00-2293)</small>		
<small>Note: ANSI/BHMA Grade 1. Satin chrome finish.</small>		
08 71 11 00-2344 EA Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D) .....	1,049.74	74.36
<i>For Owner Furnished Material, Deduct</i>	-752.30	
08 71 11 00-2345 EA Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D) .....	1,218.63	74.36
<i>For Owner Furnished Material, Deduct</i>	-921.19	
08 71 11 00-2346 EA Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626) .....	1,377.64	74.36
<i>For Owner Furnished Material, Deduct</i>	-1,080.20	
08 71 11 00-2347 EA Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626) .....	1,805.33	74.36
<i>For Owner Furnished Material, Deduct</i>	-1,507.89	
08 71 11 00-2348 EA Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626) .....	1,975.31	74.36
<i>For Owner Furnished Material, Deduct</i>	-1,677.87	
08 71 11 00-2349 EA Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626) .....	2,174.90	74.36
<i>For Owner Furnished Material, Deduct</i>	-1,877.46	



**08 Openings****08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2350	EA		Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626) .....	1,997.25	74.36
			<i>For Owner Furnished Material, Deduct</i> .....	-1,699.81	
<b>08 71 11 00-2351</b>			<b>Residential Locks And Latchsets</b> (08 71 11 00-2233)		
08 71 11 00-2352	EA		Residential Entry Lockset With Knobs (Master Keyed).....	88.31	17.96
08 71 11 00-2353	EA		Residential Privacy Lockset With Knobs.....	86.46	17.96
08 71 11 00-2354	EA		Residential Passage Lockset With Knobs.....	86.21	17.96
08 71 11 00-2355	EA		Residential Dummy Lockset With Knobs .....	68.38	14.96
08 71 11 00-2356	EA		Residential Entry Lockset With Levers (Master Keyed) .....	101.11	17.96
08 71 11 00-2357	EA		Residential Privacy Lockset With Levers .....	96.86	17.96
08 71 11 00-2358	EA		Residential Passage Lockset With Levers .....	93.78	17.96
08 71 11 00-2359	EA		Residential Dummy Lockset With Levers.....	69.84	14.96
<b>08 71 11 00-2360</b>			<b>Deadbolts</b> (08 71 11 00-2233)		
<b>08 71 11 00-2361</b>			<b>Cylindrical Deadbolts, Grade 1, ANSI 156.5</b> (08 71 11 00-2360)		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2362	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side .....	203.26	29.74
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i> .....	4.20	
08 71 11 00-2363	EA		Double Cylinder Deadbolt, Key Both Sides.....	231.86	29.74
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i> .....	4.20	
<b>08 71 11 00-2364</b>			<b>Cylindrical Deadbolts, Grade 2, ANSI 156.5</b> (08 71 11 00-2360)		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2365	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side .....	183.66	29.74
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i> .....	4.20	
08 71 11 00-2366	EA		Double Cylinder Deadbolt, Key Both Sides.....	214.91	29.74
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i> .....	4.20	
<b>08 71 11 00-2367</b>			<b>Small Case Mortised Deadbolts, Grade 1, ANSI 156.5</b> (08 71 11 00-2360)		
			Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2368	EA		Small Case Mortised Deadbolt, Key One Side, Knob One Side .....	263.07	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2369	EA		Small Case Mortised Deadbolt, Key Both Sides .....	289.56	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2370	EA		Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side .....	257.77	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
<b>08 71 11 00-2371</b>			<b>Mortised Deadbolts, Grade 1, ANSI 156.5</b> (08 71 11 00-2360)		
			Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2372	EA		Mortised Deadbolt, Key One Side, Knob One Side .....	335.11	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2373	EA		Mortised Deadbolt, Key Both Sides .....	378.55	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 11 00-2374	EA		Mortised Deadbolt, Key One Side, Cover Plate One Side .....	298.03	29.74
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
<b>08 71 11 00-2375</b>			<b>Surface Mounted Deadbolts</b> (08 71 11 00-2360)		
08 71 11 00-2376	EA		Single Cylinder Surface Mounted Deadbolt .....	140.98	29.74
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	
08 71 11 00-2377	EA		Double Cylinder Surface Mounted Deadbolt.....	160.12	29.74
			Note: Key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	
08 71 11 00-2378	EA		Single Cylinder Surface Mounted Interlocking Deadbolt .....	175.34	29.74
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	
08 71 11 00-2379	EA		Double Cylinder Surface Mounted Interlocking Deadbolt.....	194.48	29.74
			Note: Jimmy proof, key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	
<b>08 71 11 00-2380</b>			<b>Surface Mounted Deadlatches</b> (08 71 11 00-2233)		
08 71 11 00-2381	EA		Single Cylinder Surface Mounted Deadlatch .....	142.48	29.74
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	
08 71 11 00-2382	EA		Single Cylinder Surface Mounted Interlocking Deadlatch .....	175.41	29.74
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i> .....	10.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 71 11 00-2383</b> <b>Electric Strikes</b> <small>(08 71 11 00-2233)</small>		
08 71 11 00-2384 EA 12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100).....	380.80	59.48
08 71 11 00-2385 EA 12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111).....	1,135.49	59.48
Note: For rim mounted lock		
08 71 11 00-2386 EA 12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112).....	1,084.42	59.48
Note: For rim mounted lock		
08 71 11 00-2387 EA 24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211).....	833.50	59.48
Note: For mortise or cylindrical locks		
08 71 11 00-2388 EA 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212).....	1,140.93	59.48
Note: For mortise or cylindrical locks		
08 71 11 00-2389 EA 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213).....	1,118.77	59.48
Note: For mortise or cylindrical locks		
08 71 11 00-2390 EA 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214).....	1,221.00	59.48
Note: For mortise or cylindrical locks		
08 71 11 00-2391 EA 24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215).....	1,136.41	59.48
Note: For mortise or cylindrical locks		
08 71 11 00-2392 EA 12/24 Volt DC, 3,070 Lb. Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006).....	694.30	59.48
08 71 11 00-2393 EA 12/24 Volt DC, 3,000 Lb. Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500).....	690.16	59.48
08 71 11 00-2394 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Low Profile Electric Strike (HES 5000).....	333.80	59.48
08 71 11 00-2395 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Steel Body, Adjustable Electric Strike (HES 5200).....	333.80	59.48
08 71 11 00-2396 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000).....	430.59	59.48
08 71 11 00-2397 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500).....	772.93	59.48
08 71 11 00-2398 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000).....	378.63	59.48
08 71 11 00-2399 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300).....	709.70	59.48
08 71 11 00-2400 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Fire Rated Concealed Electric Strike (HES 8500).....	626.24	59.48
08 71 11 00-2401 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400).....	742.71	78.53
08 71 11 00-2402 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500).....	846.79	78.53
08 71 11 00-2403 EA 12/24 Volt DC, 1,500 Lb. Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600).....	743.27	78.53
<b>08 71 11 00-2404</b> <b>Electric Hardware</b> <small>(08 71 11 00-2233)</small>		
08 71 11 00-2405 EA Electrified Cylindrical Lock Option.....	209.22	
Note: Excludes the lock. This task is used in conjunction with other to electrify the lock.		
08 71 11 00-2406 EA Electrified Mortise Lock Option.....	244.00	
Note: Excludes the lock. This task is used in conjunction with other locks to electrify the lock.		
08 71 11 00-2407 EA 24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	125.21	29.74
08 71 11 00-2408 EA 1 Ampere At 12/24 Volt DC, Door Hardware Power Supply.....	406.86	29.74
08 71 11 00-2409 EA 3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply.....	715.31	29.74
08 71 11 00-2410 EA 4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,102.40	29.74
08 71 11 00-2411 EA 6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,218.76	29.74
08 71 11 00-2412 EA 9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,457.63	29.74
08 71 11 00-2413 EA 15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,770.61	29.74
<b>08 71 11 00-2414</b> <b>Magnetic Locks</b> <small>(08 71 11 00-2233)</small>		
08 71 11 00-2415 EA Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40).....	859.46	142.77
08 71 11 00-2416 EA Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ).....	1,035.05	160.62
08 71 11 00-2417 EA Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70).....	1,013.96	142.77
08 71 11 00-2418 EA Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ).....	1,189.24	160.62
08 71 11 00-2419 EA Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420).....	1,059.32	154.67
08 71 11 00-2420 EA Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450).....	1,165.28	154.67
08 71 11 00-2421 EA Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490).....	1,247.77	154.67
08 71 11 00-2422 EA Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P).....	1,367.70	178.46
Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2423 EA Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P).....	1,508.56	178.46
Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2424 EA Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P).....	1,572.01	178.46
Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2425 EA 2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902).....	468.75	59.48
08 71 11 00-2426 EA 4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904).....	785.20	59.48
08 71 11 00-2427 EA 6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906).....	949.67	59.48
<b>08 71 11 00-2428</b> <b>Occupancy Indicator Locks</b> <small>(08 71 11 00-2233)</small>		
08 71 11 00-2429 EA Occupancy Indicator Deadbolt With Thumbturn (Schlage B571).....	149.00	29.73
Note: Standard finish is satin chrome		
<i>For Bright Brass Finish, Add</i>		5.23
<i>For Oil Rubbed Bronze Finish, Add</i>		13.99
<i>For Aged Bronze Finish, Add</i>		5.23
<i>For Satin Nickel Finish, Add</i>		5.23
08 71 11 00-2430 EA Occupancy Indicator Lock And Lever (Vizilok C3F).....	222.86	29.73
Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides		
<i>For Oil Rubbed Bronze Finish, Add</i>		5.68
<b>08 71 11 00-2431</b> <b>Door Coordinators</b> <small>(08 71 11)</small>		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 71</b>	<b>Door Hardware</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2432	EA		32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series) ..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	530.46 -152.70	37.18
08 71 11 00-2433	EA		42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series) ..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	557.26 -161.04	38.67
08 71 11 00-2434	EA		52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series) ..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	570.25 -163.85	40.16
08 71 11 00-2435	EA		60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series) ..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	595.19 -171.45	41.64
08 71 11 00-2436	EA		72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series) ..... Note: Satin chrome finish. Includes two mounting brackets. <i>For Anodized Aluminum Finish, Deduct</i>	638.82 -186.52	43.13
08 71 11 00-2437	EA		Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20") ..... <i>For Anodized Aluminum Finish, Deduct</i>	123.40 -30.32	11.90
08 71 11 00-2438	EA		Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32") ..... <i>For Anodized Aluminum Finish, Deduct</i>	135.77 -32.89	13.39
08 71 11 00-2439	EA		Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44") ..... <i>For Anodized Aluminum Finish, Deduct</i>	156.23 -38.70	14.88
08 71 11 00-2440	EA		Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1) .....	113.37	14.88
08 71 11 00-2441	EA		7" Projection COR Series Gravity Type Door Coordinator ..... <i>For Anodized Aluminum Finish, Deduct</i>	167.42 -31.27	22.30
08 71 11 00-2442	EA		9" Projection COR Series Gravity Type Door Coordinator ..... <i>For Anodized Aluminum Finish, Deduct</i>	179.93 -36.28	22.30

**08 71 11 00-2443**    **Removal And Reinstallation Of Door Hardware** (08 71 11)

Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.

08 71 11 00-2444	EA	Removal And Reinstallation Of Door Lockset, Entrance .....	89.24	
08 71 11 00-2445	EA	Removal And Reinstallation Of Door Lockset, Mortise .....	142.77	
08 71 11 00-2446	EA	Removal And Reinstallation Of Deadbolt Lock .....	95.19	
08 71 11 00-2447	PR	Removal And Reinstallation Of Butts/Hinges.....	23.79	
08 71 11 00-2448	EA	Removal And Reinstallation Of Door Bumper.....	8.32	
08 71 11 00-2449	EA	Removal And Reinstallation Of Surface Mounted Panic Device .....	237.96	
08 71 11 00-2450	EA	Removal And Reinstallation Of Kick Plate .....	29.74	
08 71 11 00-2451	EA	Removal And Reinstallation Of Push Plate.....	23.79	
08 71 11 00-2452	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder .....	118.98	
08 71 11 00-2453	EA	Removal And Reinstallation Of Door Handles .....	17.86	

**08 71 11 00-2454**    **Electromagnetic Door Release** (08 71 11)

08 71 11 00-2455	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release .....	618.35	74.95
08 71 11 00-2456	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release.....	602.81	74.95
08 71 11 00-2457	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release .....	681.17	74.95
08 71 11 00-2458	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release .....	1,143.72	74.95
08 71 11 00-2459	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release .....	1,102.47	74.95
08 71 11 00-2460	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release .....	1,102.47	74.95
08 71 11 00-2461	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release .....	1,001.59	74.95
08 71 11 00-2462	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release.....	1,256.66	74.95
08 71 11 00-2463	EA	Photo Electric Smoke Detector Suitable For Door Holder Release .....	1,191.78	74.95
08 71 11 00-2464	EA	Ionization Type Smoke Detector Suitable For Door Holder Release .....	1,478.91	74.95

**08 71 13**    **Automatic Door Operators** (08 71)

**08 71 13 00-0001**    **Automatic Door Operators (LCN)** (08 71 13)

08 71 13 00-0002	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9131) .....	3,546.29	148.72
08 71 13 00-0003	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9142) .....	3,546.29	148.72
08 71 13 00-0004	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator With Arms (LCN 9153).....	6,972.48	237.96
08 71 13 00-0005	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531) .....	4,451.23	148.72
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.				
08 71 13 00-0006	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542) .....	4,451.23	148.72
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.				
08 71 13 00-0007	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9553).....	7,653.74	237.96
08 71 13 00-0008	EA	Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9563).....	9,016.28	237.96
08 71 13 00-0009	EA	Door Position Switch (LCN 8310-805).....	72.86	
08 71 13 00-0010	EA	3-Position Key Switch (LCN 8310-806K).....	399.54	
08 71 13 00-0011	EA	4-3/4" x 4-3/4" Wall Mount Actuator (LCN 8310-813) .....	962.22	
08 71 13 00-0012	EA	1-1/2" x 4-3/4" Jamb Mount Actuator (LCN 8310-818).....	212.39	
08 71 13 00-0013	EA	36" High Full Length Actuator (LCN 8310-836T) .....	876.93	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Door Hardware	08 71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0014 EA 6" Round Wall Mount Actuator (LCN 8310-852) .....	294.56	
08 71 13 00-0015 EA 42" x 4" x 6" Post Bollard (LCN 8310-866) .....	1,040.19	
08 71 13 00-0016 EA Small Format Interchangeable Core (SFIC) Horizontal Tailpiece Rim Cylinder (Schlage 80-116-ICX) .....	114.53	
08 71 13 00-0017 EA Small Format Interchangeable Core (SFIC) 7 Pin Interchangeable Core (Falcon C607) .....	146.21	
<b>08 71 13 00-0018 Automatic Door Operators (Stanley) (08 71 13)</b>		
08 71 13 00-0019 EA Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990) .....	4,291.46	148.72
08 71 13 00-0020 EA 6" Round Stainless Steel Actuator (Stanley CL2216) .....	275.09	
08 71 13 00-0021 EA Power Supply (Stanley Precision ELR151) .....	959.78	
08 71 13 00-0022 EA Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990) .....	3,191.54	118.98
Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections		
08 71 13 00-0023 EA Door Operator Free Standing Push Plate Post (Stanley CL2247) .....	510.92	79.35
Note: Includes mounting post only		
08 71 13 00-0024 EA Dual Vestibule Push Plate Door Operator (Stanley CL2388) .....	339.06	38.67
Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box		
08 71 13 00-0025 EA Jamb Mount, Push Plate Door Operator (Stanley CL2055) .....	210.88	38.67
Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box		
08 71 13 00-0026 EA Touchless Plate Door Operator (Stanley CL2025) .....	334.66	38.67
Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box		
08 71 13 00-0027 EA Door Operator Push Plate Assembly (Stanley CL4976) .....	1,144.68	58.05
Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver		
<b>08 71 13 00-0028 Miscellaneous Devices (08 71 13)</b>		
08 71 13 00-0029 EA Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches .....	576.60	44.62
08 71 13 00-0030 EA Magnetic Monitor Switch, SS Finish (Von Duprin MS 764) .....	170.08	26.77
08 71 13 00-0031 EA 24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750) .....	216.70	26.77
08 71 13 00-0032 EA Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S) .....	120.59	26.77
<b>08 71 53 Security Door Hardware (08 71)</b>		
<b>08 71 53 00-0001 Door Exit Alarm Hardware (08 71 53)</b>		
08 71 53 00-0002 EA Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500) .....	392.19	44.62
08 71 53 00-0003 EA Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W) .....	545.30	44.62
08 71 53 00-0004 EA Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300) .....	457.59	44.62
Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005 EA Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W) .....	593.00	44.62
Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006 EA Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500) .....	687.75	59.48
08 71 53 00-0007 EA Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S) .....	120.57	59.48
Note: For use with Detex EAX exit alarms.		
<b>08 72 Weatherstripping, Thresholds and Seals (08 70)</b>		
<b>08 72 33 Weatherstripping and Seals (08 72)</b>		
08 72 33 00-0001 Weather-Stripping And Seals (08 72 33)		
08 72 33 00-0002 Astragals (08 72 33 00-0001)		
Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 72 33 00-0003 Adhesive Backed Astragals (08 72 33 00-0002)		
08 72 33 00-0004 LF 7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771) .....	5.59	0.90
08 72 33 00-0005 LF 1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772) .....	6.26	0.90
08 72 33 00-0006 LF 1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110) .....	4.72	0.90
08 72 33 00-0007 Overlapping Astragals (08 72 33 00-0002)		
08 72 33 00-0008 Aluminum, Overlapping Astragals (08 72 33 00-0007)		
08 72 33 00-0009 LF 2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C) .....	21.79	5.35
For Color Anodized Finish, Add	3.36	
08 72 33 00-0010 Stainless Steel, Overlapping Astragals (08 72 33 00-0007)		
08 72 33 00-0011 LF 2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS) .....	45.69	5.35
08 72 33 00-0012 "T" Astragals (08 72 33 00-0002)		
08 72 33 00-0013 Aluminum, "T" Astragals (08 72 33 00-0012)		
08 72 33 00-0014 LF 1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A) .....	13.60	5.35
For Color Anodized Finish, Add	1.06	
08 72 33 00-0015 LF Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV) .....	17.53	5.35
For Color Anodized Finish, Add	1.39	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 72</b>	<b>Weatherstripping, Thresholds and Seals</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0016	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	18.14	5.35
			<i>For Color Anodized Finish, Add</i>	2.65	
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0017	LF		Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR).....	34.98	5.35
			<i>For Color Anodized Finish, Add</i>	8.54	
<b>08 72 33 00-0018</b>			<b>Brass/Bronze, "T" Astragals</b> <small>(08 72 33 00-0012)</small>		
08 72 33 00-0019	LF		Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	63.31	5.35
			<i>For Silicone Insert, Add</i>	0.63	
<b>08 72 33 00-0020</b>			<b>Locking Astragals</b> <small>(08 72 33 00-0020)</small>		
<b>08 72 33 00-0021</b>			<b>Outswing Locking Astragals</b> <small>(08 72 33 00-0020)</small>		
			Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
<b>08 72 33 00-0022</b>			<b>Aluminum, Outswing Locking Astragals</b> <small>(08 72 33 00-0021)</small>		
08 72 33 00-0023	LF		Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS).....	47.38	5.35
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Color Anodized Finish, Add</i>	7.36	
08 72 33 00-0024	LF		Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS).....	55.27	5.35
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Color Anodized Finish, Add</i>	8.94	
08 72 33 00-0025	LF		Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ).....	53.36	5.35
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Thermal Break, Add</i>	2.57	
08 72 33 00-0026	LF		Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ).....	59.77	5.35
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Thermal Break, Add</i>	2.95	
<b>08 72 33 00-0027</b>			<b>Inswing Locking Astragals</b> <small>(08 72 33 00-0020)</small>		
			Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
<b>08 72 33 00-0028</b>			<b>Wood, Inswing Locking Astragals</b> <small>(08 72 33 00-0027)</small>		
08 72 33 00-0029	LF		Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832).....	55.76	5.35
08 72 33 00-0030	LF		Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q).....	55.47	5.35
			Note: Includes kerf-in foam seal.		
<b>08 72 33 00-0031</b>			<b>Aluminum, Inswing Locking Astragals</b> <small>(08 72 33 00-0027)</small>		
08 72 33 00-0032	LF		Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV).....	30.85	5.35
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	4.05	
08 72 33 00-0033	LF		Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV).....	37.44	5.35
			Note: Includes pile seal at inner door edge and neoprene bottom seal.		
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	5.37	
08 72 33 00-0034	LF		Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ).....	33.34	5.35
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
			<i>For Color Anodized Finish, Add</i>	4.55	
08 72 33 00-0035	LF		Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ).....	39.88	5.35
			Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
			<i>For Magnetic Kerf-In Insert, Add</i>	0.47	
			<i>For Color Anodized Finish, Add</i>	5.86	
<b>08 72 33 00-0036</b>			<b>Security Astragals</b> <small>(08 72 33 00-0002)</small>		
08 72 33 00-0037	LF		Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C).....	28.65	5.35
			<i>For Color Anodized Finish, Add</i>	18.07	
08 72 33 00-0038	LF		2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP).....	49.41	5.35
<b>08 72 33 00-0039</b>			<b>Meeting Stile Astragals</b> <small>(08 72 33 00-0002)</small>		
<b>08 72 33 00-0040</b>			<b>One Piece, Meeting Stile Astragals</b> <small>(08 72 33 00-0039)</small>		
			Note: Includes an astragal for one door only.		
08 72 33 00-0041	LF		1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP).....	17.30	5.35
			<i>For Color Anodized Finish, Add</i>	2.02	
08 72 33 00-0042	LF		1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN).....	27.10	7.97
			<i>For Color Anodized Finish, Add</i>	4.48	





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Weatherstripping, Thresholds and Seals</b>	<b>08 72</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0043	LF		9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN).....	36.85	7.97
			<i>For Color Anodized Finish, Add</i>	2.10	
08 72 33 00-0044	LF		15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	38.10	7.97
			<i>For Color Anodized Finish, Add</i>	5.55	
08 72 33 00-0045	LF		1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	39.67	7.97
<b>08 72 33 00-0046</b>			<b>Two Piece, Meeting Stile Split Astragals</b> (08 72 33 00-0039) Note: Includes one astragal for each door.		
08 72 33 00-0047	LF		1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	21.04	7.97
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	5.15	
08 72 33 00-0048	LF		1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV).....	21.04	7.97
			<i>For Color Anodized Finish, Add</i>	5.15	
08 72 33 00-0049	LF		1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV).....	21.04	7.97
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	5.15	
08 72 33 00-0050	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN).....	34.72	7.97
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	3.77	
08 72 33 00-0051	LF		3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB).....	27.99	7.97
			<i>For Color Anodized Finish, Add</i>	4.64	
08 72 33 00-0052	LF		5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB).....	28.89	7.97
			<i>For Color Anodized Finish, Add</i>	5.20	
08 72 33 00-0053	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV).....	35.61	7.97
			<i>For Color Anodized Finish, Add</i>	9.66	
			<i>For Silicone Insert, Add</i>	0.95	
08 72 33 00-0054	LF		3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB).....	36.51	7.97
			<i>For Color Anodized Finish, Add</i>	8.25	
08 72 33 00-0055	LF		5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB).....	37.41	7.97
			<i>For Color Anodized Finish, Add</i>	8.61	
<b>08 72 33 00-0056</b>			<b>Two Piece, Adjustable Meeting Stile Split Astragals</b> (08 72 33 00-0039) Note: Includes one astragal for each door.		
<b>08 72 33 00-0057</b>			<b>Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals</b> (08 72 33 00-0056)		
08 72 33 00-0058	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP).....	69.23	7.97
			<i>For Color Anodized Finish, Add</i>	13.34	
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0059	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP).....	70.64	7.97
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	10.95	
<b>08 72 33 00-0060</b>			<b>Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals</b> (08 72 33 00-0056)		
08 72 33 00-0061	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP).....	194.47	7.97
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0062	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP).....	181.98	7.97
			<i>For Silicone Insert, Add</i>	0.63	
<b>08 72 33 00-0063</b>			<b>Door Sweeps</b> (08 72 33 00-0001)		
<b>08 72 33 00-0064</b>			<b>Tack On Door Sweeps</b> (08 72 33 00-0063)		
08 72 33 00-0065	LF		For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365).....	7.53	2.98
08 72 33 00-0066	LF		For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364).....	7.66	2.98
08 72 33 00-0067	LF		For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V).....	8.06	2.98
<b>08 72 33 00-0068</b>			<b>Aluminum Retainer Door Sweeps</b> (08 72 33 00-0063)		
<b>08 72 33 00-0069</b>			<b>35 Degree, Aluminum Retainer Door Sweeps</b> (08 72 33 00-0068) Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0070	LF		5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB).....	18.39	5.95
			<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0071	LF		1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB).....	19.06	5.95
			<i>For Color Anodized Finish, Add</i>	2.51	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 72</b>	<b>Weatherstripping, Thresholds and Seals</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>08 72 33 00-0072</b>	<b>45 Degree, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0068)</small>		
	Note: The retainer mounts to the door face with the sweep positioned 45-degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF 1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB) .....	29.82	5.95
	<i>For Color Anodized Finish, Add</i>	7.17	
08 72 33 00-0074	LF 2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB) .....	32.51	5.95
	<i>For Color Anodized Finish, Add</i>	8.25	
08 72 33 00-0075	LF 4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB).....	38.34	5.95
	<i>For Color Anodized Finish, Add</i>	10.58	

<b>08 72 33 00-0076</b>	<b>90 Degree, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0068)</small>		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0077	LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB).....	20.63	5.95
	<i>For Color Anodized Finish, Add</i>	0.87	
08 72 33 00-0078	LF 5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB).....	20.41	5.95
	<i>For Color Anodized Finish, Add</i>	0.85	
08 72 33 00-0079	LF 1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB).....	21.98	5.95
	<i>For Color Anodized Finish, Add</i>	3.53	
08 72 33 00-0080	LF 1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB) .....	22.65	5.95
	<i>For Color Anodized Finish, Add</i>	4.30	
08 72 33 00-0081	LF 7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN).....	19.96	5.95
	<i>For Color Anodized Finish, Add</i>	2.02	
08 72 33 00-0082	LF 11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	26.23	5.95
	<i>For Color Anodized Finish, Add</i>	2.87	
08 72 33 00-0083	LF 15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	21.30	5.95
	<i>For Color Anodized Finish, Add</i>	1.88	
08 72 33 00-0084	LF 9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV).....	15.42	5.95
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.77	
08 72 33 00-0085	LF 1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV).....	15.59	5.95
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.85	
08 72 33 00-0086	LF 1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	17.49	5.95
	Note: Includes mill finish.		
	<i>For Color Anodized Finish, Add</i>	1.96	

<b>08 72 33 00-0087</b>	<b>180 Degree, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0068)</small>		
	Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		

<b>08 72 33 00-0088</b>	<b>180 Degree, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0087)</small>		
08 72 33 00-0089	LF 3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB).....	17.94	5.95
	<i>For Color Anodized Finish, Add</i>	2.42	
08 72 33 00-0090	LF 5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB).....	18.39	5.95
	<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0091	LF 1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB).....	21.98	5.95
	<i>For Color Anodized Finish, Add</i>	3.53	

<b>08 72 33 00-0092</b>	<b>180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0087)</small>		
08 72 33 00-0093	LF 3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB) .....	22.20	5.95
	<i>For Color Anodized Finish, Add</i>	4.12	
08 72 33 00-0094	LF 5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB) .....	22.65	5.95
	<i>For Color Anodized Finish, Add</i>	4.30	
08 72 33 00-0095	LF 1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB) .....	24.53	5.95
	<i>For Color Anodized Finish, Add</i>	5.06	

<b>08 72 33 00-0096</b>	<b>Mortised, Aluminum Retainer Door Sweeps</b> <small>(08 72 33 00-0068)</small>		
	Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0097	LF 1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB).....	15.92	5.95
08 72 33 00-0098	LF 13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB).....	15.92	5.95
08 72 33 00-0099	LF 5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB).....	16.15	5.95

<b>08 72 33 00-0100</b>	<b>Aluminum Retainer Door Sweeps With Rain Drip</b> <small>(08 72 33 00-0063)</small>		
-------------------------	---	--	--

<b>08 72 33 00-0101</b>	<b>90 Degree, Aluminum Retainer Door Sweeps With Rain Drip</b> <small>(08 72 33 00-0100)</small>		
	Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0102	LF 1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV).....	15.48	5.95
	<i>For Color Anodized Finish, Add</i>	2.51	
08 72 33 00-0103	LF 1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV).....	18.39	5.95
	<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0104	LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB).....	20.57	5.95
	Note: Includes clear anodized finish.		
	<i>For Color Anodized Finish, Add</i>	1.74	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Weatherstripping, Thresholds and Seals</b>	<b>08 72</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0105 LF 7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB)..... <i>For Color Anodized Finish, Add</i>	20.97 1.82	5.95
<b>08 72 33 00-0106 Brass/Bronze Retainer Door Sweeps (08 72 33 00-0063)</b>		
<b>08 72 33 00-0107 90 Degree, Brass/Bronze Retainer Door Sweeps (08 72 33 00-0106)</b> Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0108 LF 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN) .....	25.34	5.95
<b>08 72 33 00-0109 Oak Retainer Door Sweeps (08 72 33 00-0063)</b>		
<b>08 72 33 00-0110 90 Degree, Oak Retainer Door Sweeps (08 72 33 00-0109)</b> Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0111 LF 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB).....	20.18	5.95
08 72 33 00-0112 LF 15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB).....	23.72	5.95
<b>08 72 33 00-0113 Door Shoes And Bottoms (08 72 33 00-0001)</b>		
<b>08 72 33 00-0114 Door Shoes (08 72 33 00-0113)</b>		
<b>08 72 33 00-0115 Aluminum Retainer Door Shoes (08 72 33 00-0114)</b>		
<b>08 72 33 00-0116 Bottom Mount, Aluminum Retainer Door Shoes (08 72 33 00-0115)</b>		
08 72 33 00-0117 LF Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	17.27 2.15 0.68	5.95
08 72 33 00-0118 LF Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV)..... <i>For Color Anodized Finish, Add</i>	17.94 2.42	5.95
08 72 33 00-0119 LF Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV) .....	24.44	5.95
<i>For Color Anodized Finish, Add</i>	2.51	
<b>08 72 33 00-0120 Side Mount, Aluminum Retainer Door Shoes (08 72 33 00-0115)</b>		
08 72 33 00-0121 LF Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	20.18 3.32 0.68	5.95
<b>08 72 33 00-0122 L Or U Shaped, Aluminum Retainer Door Shoes (08 72 33 00-0115)</b>		
08 72 33 00-0123 LF Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV) .....	18.39	5.95
<i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	3.25 0.42	
08 72 33 00-0124 LF Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	19.73 3.14 0.42	5.95
08 72 33 00-0125 LF Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	20.18 3.32 0.42	5.95
08 72 33 00-0126 LF Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)..... <i>For Color Anodized Finish, Add</i>	29.30 3.48	5.95
08 72 33 00-0127 LF Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV) .....	29.75	5.95
<i>For Color Anodized Finish, Add</i>	3.57	
<b>08 72 33 00-0128 L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes (08 72 33 00-0115)</b>		
08 72 33 00-0129 LF Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV) .....	18.84	5.95
<i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	3.48 0.42	
08 72 33 00-0130 LF Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	20.18 3.32 0.42	5.95
08 72 33 00-0131 LF Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV)..... <i>For Color Anodized Finish, Add</i> <i>For Thermo-Plastic Elastomer Insert, Add</i>	20.41 3.41 0.42	5.95
<b>08 72 33 00-0132 Vinyl Door Shoes (08 72 33 00-0114)</b>		
08 72 33 00-0133 LF 1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80).....	23.22	5.95
08 72 33 00-0134 LF 1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV).....	28.33	5.95
<b>08 72 33 00-0135 Door Bottoms (08 72 33 00-0113)</b>		
<b>08 72 33 00-0136 Automatic Door Bottoms (08 72 33 00-0135)</b>		
<b>08 72 33 00-0137 Aluminum Automatic Door Bottoms (08 72 33 00-0136)</b>		
08 72 33 00-0138 LF Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL) .....	41.41 5.90	5.95
<i>For Color Anodized Finish, Add</i>		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 72</b>	<b>Weatherstripping, Thresholds and Seals</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 72 33 00-0139	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL).....	59.88	5.95
		<i>For Color Anodized Finish, Add</i>	9.60	
<b>08 72 33 00-0140</b>		<b>Door Top Protection</b> (08 72 33 00-0001)		
08 72 33 00-0141	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343).....	14.43	4.76
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	1.35	
08 72 33 00-0142	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344).....	14.43	4.76
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	1.35	
08 72 33 00-0143	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C).....	18.34	4.76
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	2.42	
08 72 33 00-0144	EA	For 20 Oz Copper Drip Cap For Exterior Door.....	65.51	
<b>08 72 33 00-0145</b>		<b>Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0001)		
		Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
<b>08 72 33 00-0146</b>		<b>Adhesive Backed Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0145)		
08 72 33 00-0147	LF	3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33).....	4.57	2.98
		<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0148	LF	1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55).....	4.62	2.98
		<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0149	LF	1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88).....	6.12	2.98
08 72 33 00-0150	LF	7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44).....	5.05	2.98
08 72 33 00-0151	LF	5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77).....	6.79	2.98
		<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0152	LF	1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773).....	6.27	2.98
		<i>For Intumescent Seal, Add</i>	1.50	
08 72 33 00-0153	LF	7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44).....	8.42	2.98
08 72 33 00-0154	LF	1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88).....	7.75	2.98
<b>08 72 33 00-0155</b>		<b>Kerf-In Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0145)		
08 72 33 00-0156	LF	3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50).....	4.02	2.98
08 72 33 00-0157	LF	7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52).....	6.22	2.98
08 72 33 00-0158	LF	3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103).....	4.56	2.98
08 72 33 00-0159	LF	5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102).....	4.49	2.98
08 72 33 00-0160	LF	3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349).....	5.99	2.98
<b>08 72 33 00-0161</b>		<b>Cushion/Spring Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0145)		
<b>08 72 33 00-0162</b>		<b>Spring Bronze Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0161)		
08 72 33 00-0163	LF	1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C).....	9.36	2.98
08 72 33 00-0164	LF	1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D).....	9.36	2.98
08 72 33 00-0165	LF	1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E).....	10.04	2.98
08 72 33 00-0166	LF	1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F).....	10.18	2.98
<b>08 72 33 00-0167</b>		<b>Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0161)		
08 72 33 00-0168	LF	5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73).....	8.99	2.98
08 72 33 00-0169	LF	7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74).....	10.04	2.98
08 72 33 00-0170	LF	1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75).....	11.19	2.98
<b>08 72 33 00-0171</b>		<b>Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0145)		
<b>08 72 33 00-0172</b>		<b>Aluminum Retainer, Perimeter Gasketing Weather-Strip</b> (08 72 33 00-0171)		
08 72 33 00-0173	LF	1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV).....	8.53	2.98
		<i>For Silicone Insert, Add</i>	0.95	
		<i>For Color Anodized Finish, Add</i>	2.58	
08 72 33 00-0174	LF	1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV).....	8.53	2.98
		<i>For Silicone Insert, Add</i>	0.95	
		<i>For Color Anodized Finish, Add</i>	2.58	
08 72 33 00-0175	LF	1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV).....	8.53	2.98
		<i>For Silicone Insert, Add</i>	0.95	
		<i>For Color Anodized Finish, Add</i>	2.58	
08 72 33 00-0176	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN).....	15.36	2.98
		<i>For Silicone Insert, Add</i>	0.63	
		<i>For Color Anodized Finish, Add</i>	1.88	
08 72 33 00-0177	LF	3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV).....	15.81	2.98
		<i>For Color Anodized Finish, Add</i>	4.93	
		<i>For Silicone Insert, Add</i>	0.95	



<b>Openings</b>	<b>08</b>	<b>08</b>
Hardware	08 70	
Weatherstripping, Thresholds and Seals	08 72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0178	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR)..... <i>For Color Anodized Finish, Add</i>	15.81 3.45	2.98
08 72 33 00-0179			Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0179)		
08 72 33 00-0180			Standard Jamb, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0179)		
08 72 33 00-0181	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV)..... <i>For Silicone Insert, Add</i>	15.03 0.95	2.98
08 72 33 00-0182			Head Section, Heavy-Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0179)		
08 72 33 00-0183	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy-Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV).....	16.80	2.98
08 72 33 00-0184			Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0185			Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0184)		
08 72 33 00-0186	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)..... <i>For Silicone Insert, Add</i>	26.42 1.58	2.98
08 72 33 00-0187	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR).....	44.76	2.98
08 72 33 00-0188			Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0184)		
08 72 33 00-0189			Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0188)		
08 72 33 00-0190	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy-Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)..... <i>For Silicone Insert, Add</i>	38.66 0.63	2.98
08 72 33 00-0191			Aluminum Interlock, Perimeter Gasketing Weather-Strip (08 72 33 00-0145)		
08 72 33 00-0192	LF		Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A)..... Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame. <i>For Color Anodized Finish, Add</i>	21.17 3.71	5.95
08 72 33 00-0193	LF		Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR)..... Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame. <i>For Color Anodized Finish, Add</i>	21.96 4.03	5.95
08 72 33 00-0194			Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0145) Note: Seals gaps from 1/16" to 1/4".		
08 72 33 00-0195	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)..... <i>For Color Anodized Finish, Add</i>	28.04 4.42	2.98
08 72 33 00-0196	LF		Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR)..... <i>For Color Anodized Finish, Add</i>	29.61 4.73	2.98
<b>08 72 43</b>			<b>Thresholds (08 72)</b>		
08 72 43 00-0001			Thresholds (08 72 43) Note: Includes material, fasteners, installation, caulk and sealants.		
08 72 43 00-0002			Metal Thresholds (08 72 43 00-0001)		
08 72 43 00-0003			Saddle Thresholds (08 72 43 00-0002)		
08 72 43 00-0004			Aluminum Saddle Thresholds (08 72 43 00-0003) Note: Includes mill finish.		
08 72 43 00-0005			3/16" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0006	LF		2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A)..... <i>For Color Anodized Finish, Add</i>	32.30 3.41	9.52
08 72 43 00-0007			1/4" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0008	LF		3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A)..... <i>For Color Anodized Finish, Add</i>	36.11 4.93	9.52
08 72 43 00-0009	LF		4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A)..... <i>For Color Anodized Finish, Add</i>	41.83 8.47	11.89

**08 Openings****08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A).....	46.11	11.89
		<i>For Color Anodized Finish, Add</i>	8.19	
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A).....	51.25	11.89
		<i>For Color Anodized Finish, Add</i>	7.53	
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A).....	58.87	11.89
		<i>For Color Anodized Finish, Add</i>	7.29	
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A).....	70.65	14.27
		<i>For Color Anodized Finish, Add</i>	8.74	
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A).....	75.81	14.27
		<i>For Color Anodized Finish, Add</i>	10.03	
08 72 43 00-0015	LF	10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A).....	84.03	14.27
		<i>For Color Anodized Finish, Add</i>	12.09	
<b>08 72 43 00-0016</b>		<b>5/16" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)</b>		
08 72 43 00-0017	LF	2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A).....	35.44	9.52
		<i>For Color Anodized Finish, Add</i>	4.08	
<b>08 72 43 00-0018</b>		<b>1/2" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)</b>		
08 72 43 00-0019	LF	3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A).....	35.67	9.52
		<i>For Color Anodized Finish, Add</i>	5.94	
08 72 43 00-0020	LF	4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A).....	43.63	11.89
		<i>For Color Anodized Finish, Add</i>	9.73	
08 72 43 00-0021	LF	5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A).....	48.00	11.89
		<i>For Color Anodized Finish, Add</i>	9.14	
08 72 43 00-0022	LF	6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A).....	51.69	11.89
		<i>For Color Anodized Finish, Add</i>	7.69	
08 72 43 00-0023	LF	7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A).....	58.87	11.89
		<i>For Color Anodized Finish, Add</i>	7.29	
08 72 43 00-0024	LF	8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A).....	73.34	14.27
		<i>For Color Anodized Finish, Add</i>	13.18	
08 72 43 00-0025	LF	9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A).....	78.05	14.27
		<i>For Color Anodized Finish, Add</i>	16.94	
08 72 43 00-0026	LF	10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A).....	82.76	14.27
		<i>For Color Anodized Finish, Add</i>	18.83	
<b>08 72 43 00-0027</b>		<b>Brass/Bronze Saddle Thresholds (08 72 43 00-0003)</b>		
<b>08 72 43 00-0028</b>		<b>3/16" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)</b>		
08 72 43 00-0029	LF	2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B).....	79.46	9.52
<b>08 72 43 00-0030</b>		<b>1/4" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)</b>		
08 72 43 00-0031	LF	3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B).....	122.04	9.52
08 72 43 00-0032	LF	4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B).....	147.63	11.89
08 72 43 00-0033	LF	5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B).....	177.10	11.89
08 72 43 00-0034	LF	6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B).....	205.76	11.89
08 72 43 00-0035	LF	7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B).....	238.51	11.89
08 72 43 00-0036	LF	8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B).....	305.87	14.27
<b>08 72 43 00-0037</b>		<b>1/2" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0027)</b>		
08 72 43 00-0038	LF	4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B).....	160.73	11.89
08 72 43 00-0039	LF	5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B).....	193.48	11.89
08 72 43 00-0040	LF	6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B).....	226.23	11.89
08 72 43 00-0041	LF	7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B).....	267.16	11.89
08 72 43 00-0042	LF	8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B).....	378.19	14.27
08 72 43 00-0043	LF	10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B).....	359.42	14.27
<b>08 72 43 00-0044</b>		<b>Stainless Steel Saddle Thresholds (08 72 43 00-0003)</b>		
<b>08 72 43 00-0045</b>		<b>1/2" Height, Stainless Steel Saddle Thresholds (08 72 43 00-0044)</b>		
08 72 43 00-0046	LF	4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS).....	136.16	11.89
08 72 43 00-0047	LF	5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS).....	144.35	11.89
<b>08 72 43 00-0048</b>		<b>Half Saddle Thresholds (08 72 43 00-0002)</b>		
<b>08 72 43 00-0049</b>		<b>Aluminum Half Saddle Thresholds (08 72 43 00-0048)</b>		
		Note: Includes mill finish.		
<b>08 72 43 00-0050</b>		<b>3/4" Height, Aluminum Half Saddle Thresholds (08 72 43 00-0049)</b>		
08 72 43 00-0051	LF	5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A).....	52.22	11.89
		<i>For Color Anodized Finish, Add</i>	9.00	
08 72 43 00-0052	LF	7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A).....	68.50	11.89
		<i>For Color Anodized Finish, Add</i>	3.88	
<b>08 72 43 00-0053</b>		<b>Offset Saddle Thresholds (08 72 43 00-0002)</b>		





<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Weatherstripping, Thresholds and Seals</b>	<b>08 72</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0054 Aluminum Offset Saddle Thresholds (08 72 43 00-0053) Note: Includes mill finish.		
08 72 43 00-0055 1/2" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
08 72 43 00-0056 LF 5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A).....	52.37	11.89
For Color Anodized Finish, Add	11.32	
08 72 43 00-0057 LF 7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A).....	58.19	11.89
For Color Anodized Finish, Add	9.96	
08 72 43 00-0058 3/4" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
08 72 43 00-0059 LF 5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A).....	52.37	11.89
For Color Anodized Finish, Add	11.32	
08 72 43 00-0060 1" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0054)		
08 72 43 00-0061 LF 7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A).....	60.43	11.89
For Color Anodized Finish, Add	10.75	
08 72 43 00-0062 Modular Ramp Thresholds (08 72 43 00-0001) Note: Includes mill finish.		
08 72 43 00-0063 Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
08 72 43 00-0064 LF 6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA) .....	56.25	11.89
For Non-Slip Surfacing, Add	97.41	
08 72 43 00-0065 LF 9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA) .....	70.64	13.08
For Non-Slip Surfacing, Add	124.52	
08 72 43 00-0066 LF 12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA) .....	90.22	14.87
For Non-Slip Surfacing, Add	169.37	
08 72 43 00-0067 LF 15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA) .....	115.49	15.46
For Non-Slip Surfacing, Add	228.34	
08 72 43 00-0068 LF 18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA) .....	134.73	16.65
For Non-Slip Surfacing, Add	304.29	
08 72 43 00-0069 LF 21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA) .....	167.39	18.43
For Non-Slip Surfacing, Add	339.38	
08 72 43 00-0070 LF 24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA) .....	186.79	20.22
For Non-Slip Surfacing, Add	380.51	
08 72 43 00-0071 LF 28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA) .....	198.14	21.41
For Non-Slip Surfacing, Add	388.30	
08 72 43 00-0072 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
08 72 43 00-0073 LF 12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA) .....	96.43	14.87
For Non-Slip Surfacing, Add	180.09	
08 72 43 00-0074 LF 15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA) .....	113.64	15.46
For Non-Slip Surfacing, Add	223.34	
08 72 43 00-0075 LF 18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA).....	142.47	17.84
For Non-Slip Surfacing, Add	277.65	
08 72 43 00-0076 LF 22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA) .....	167.89	19.03
For Non-Slip Surfacing, Add	337.56	
08 72 43 00-0077 LF 25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA) .....	193.20	20.22
For Non-Slip Surfacing, Add	397.18	
08 72 43 00-0078 LF 28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA) .....	211.39	21.41
For Non-Slip Surfacing, Add	438.31	
08 72 43 00-0079 LF 31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA) .....	259.82	22.60
For Non-Slip Surfacing, Add	558.04	
08 72 43 00-0080 7" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
08 72 43 00-0081 LF 16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA) .....	111.81	16.06
For Non-Slip Surfacing, Add	223.13	
08 72 43 00-0082 LF 19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA) .....	131.40	17.84
For Non-Slip Surfacing, Add	268.02	
08 72 43 00-0083 LF 22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA).....	157.85	19.03
For Non-Slip Surfacing, Add	323.43	
08 72 43 00-0084 LF 25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA).....	177.10	20.22
For Non-Slip Surfacing, Add	368.98	
08 72 43 00-0085 LF 28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA).....	208.57	21.41
For Non-Slip Surfacing, Add	430.98	
08 72 43 00-0086 LF 31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA).....	226.77	22.60
For Non-Slip Surfacing, Add	472.11	
08 72 43 00-0087 LF 35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA) .....	262.20	23.78
For Non-Slip Surfacing, Add	536.58	
08 72 43 00-0088 Accessories For Aluminum Modular Ramp Thresholds (08 72 43 00-0062)		
08 72 43 00-0089 Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0088)		
08 72 43 00-0090 PR Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds .....	270.66	14.87
For Non-Slip Surfacing, Add	28.91	



**08 Openings****08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 72 43 00-0091	PR >1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds ..... <i>For Non-Slip Surfacing, Add</i>	418.21 46.62	14.87
08 72 43 00-0092	PR >1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds ..... <i>For Non-Slip Surfacing, Add</i>	829.79 94.58	20.82
<b>08 72 43 00-0093</b>	<b>Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0093)</b>		
08 72 43 00-0094	PR Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds ..... <i>For Non-Slip Surfacing, Add</i>	270.66 28.91	14.87
08 72 43 00-0095	PR >1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds ..... <i>For Non-Slip Surfacing, Add</i>	418.21 46.62	14.87
08 72 43 00-0096	PR >1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds ..... <i>For Non-Slip Surfacing, Add</i>	829.79 94.58	20.82
08 72 43 00-0097	Latching Panic Exit Saddle Thresholds (08 72 43 00-0097) Note: Includes vinyl or pile seal.		
08 72 43 00-0098	Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0098) Note: Includes mill finish.		
08 72 43 00-0099	Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0099)		
08 72 43 00-0100	7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0100)		
08 72 43 00-0101	LF 4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	64.02 12.00 0.63	11.89
08 72 43 00-0102	LF 5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	52.59 11.43 0.63	11.89
08 72 43 00-0103	LF 6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	71.19 14.51 0.63	11.89
08 72 43 00-0104	LF 7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	74.33 15.61 0.63	11.89
08 72 43 00-0105	1" Height, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0105)		
08 72 43 00-0106	LF 3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	49.90 10.09 0.63	11.89
08 72 43 00-0107	LF 5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	53.04 11.66 0.63	11.89
08 72 43 00-0108	Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0108)		
08 72 43 00-0109	7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds (08 72 43 00-0109)		
08 72 43 00-0110	LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	56.40 10.67 0.63	11.89
08 72 43 00-0111	LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	59.31 11.83 0.63	11.89
08 72 43 00-0112	LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	63.57 11.84 0.63	11.89
08 72 43 00-0113	LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) ..... <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	68.39 13.53 0.63	11.89
08 72 43 00-0114	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0114)		
08 72 43 00-0115	Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0115)		
08 72 43 00-0116	7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds (08 72 43 00-0116)		
08 72 43 00-0117	LF 4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) ..... <i>For Thermoseal, Add</i>	227.86 0.63	11.89
08 72 43 00-0118	LF 5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV) ..... <i>For Thermoseal, Add</i>	211.49 0.63	11.89
08 72 43 00-0119	LF 6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV) ..... <i>For Thermoseal, Add</i>	303.19 0.63	11.89
08 72 43 00-0120	LF 7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV) ..... <i>For Thermoseal, Add</i>	271.42 0.63	11.89



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Hardware</b>	<b>08 70</b>	
<b>Weatherstripping, Thresholds and Seals</b>	<b>08 72</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>08 72 43 00-0121</b> 1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0115)</small>		
08 72 43 00-0122 LF 5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV)..... <i>For Thermoseal, Add</i>	224.26 0.63	11.89
<b>08 72 43 00-0123</b> Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0114)</small>		
<b>08 72 43 00-0124</b> 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0123)</small>		
08 72 43 00-0125 LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)..... <i>For Thermoseal, Add</i>	232.53 0.63	13.08
08 72 43 00-0126 LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)..... <i>For Thermoseal, Add</i>	243.83 0.63	13.08
08 72 43 00-0127 LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)..... <i>For Thermoseal, Add</i>	304.91 0.63	13.08
08 72 43 00-0128 LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)..... <i>For Thermoseal, Add</i>	277.95 0.63	13.67
<b>08 72 43 00-0129</b> Carpet Separator Thresholds <small>(08 72 43 00-0001)</small>		
<b>08 72 43 00-0130</b> Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0129)</small> Note: Includes mill finish.		
<b>08 72 43 00-0131</b> 3/8" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0130)</small>		
08 72 43 00-0132 LF 2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)..... <i>For Color Anodized Finish, Add</i>	37.45 5.47	9.52
<b>08 72 43 00-0133</b> 7/16" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0130)</small>		
08 72 43 00-0134 LF 1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)..... <i>For Color Anodized Finish, Add</i>	30.23 3.29	8.32
08 72 43 00-0135 LF 4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)..... <i>For Color Anodized Finish, Add</i>	46.54 6.72	9.52
08 72 43 00-0136 LF 6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)..... <i>For Color Anodized Finish, Add</i>	55.95 10.49	9.52
<b>08 72 43 00-0137</b> 1/2" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0130)</small>		
08 72 43 00-0138 LF 1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)..... <i>For Color Anodized Finish, Add</i>	27.32 1.63	8.32
<b>08 72 43 00-0139</b> 3/4" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0130)</small>		
08 72 43 00-0140 LF 1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)..... <i>For Color Anodized Finish, Add</i>	30.23 2.82	8.32
08 72 43 00-0141 LF 3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)..... <i>For Color Anodized Finish, Add</i>	47.21 6.99	11.89
08 72 43 00-0142 LF 4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)..... <i>For Color Anodized Finish, Add</i>	49.90 6.05	11.89
<b>08 72 43 00-0143</b> Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0129)</small>		
<b>08 72 43 00-0144</b> 3/8" Height, Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0143)</small>		
08 72 43 00-0145 LF 2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B).....	123.83	9.52
<b>08 72 43 00-0146</b> 7/16" Height, Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0143)</small>		
08 72 43 00-0147 LF 1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B).....	162.66	8.32
08 72 43 00-0148 LF 4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B).....	148.45	11.89
<b>08 72 43 00-0149</b> Vinyl Transition Thresholds <small>(08 72 43 00-0001)</small> Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
<b>08 72 43 00-0150</b> Carpet To Carpet, Vinyl Transition Thresholds <small>(08 72 43 00-0149)</small> Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0151 LF 2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL).....	45.67	9.52
<b>08 72 43 00-0152</b> Carpet To Tile, Vinyl Transition Thresholds <small>(08 72 43 00-0149)</small> Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0153 LF 2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL).....	45.67	9.52
<b>08 72 43 00-0154</b> Carpet To Concrete, Vinyl Transition Thresholds <small>(08 72 43 00-0149)</small> Note: Serves as a transition where carpet meets concrete beneath a door.		

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 72</b>	<b>Weatherstripping, Thresholds and Seals</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 72 43 00-0155	LF	3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL).....		48.36	11.89
<b>08 72 43 00-0156</b>		<b>Carpet To VCT Tile, Vinyl Transition Thresholds</b> (08 72 43 00-0149) Note: Serves as a transition where carpet meets VCT Tile beneath a door.			
08 72 43 00-0157	LF	3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL) .....		51.99	11.89
<b>08 72 43 00-0158</b>		<b>Residential Thresholds</b> (08 72 43 00-0001)			
<b>08 72 43 00-0159</b>		<b>Wood Residential Thresholds</b> (08 72 43 00-0158)			
08 72 43 00-0160	LF	1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....		18.98	5.95
08 72 43 00-0161	LF	1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....		19.73	5.95
08 72 43 00-0162	LF	3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....		27.24	6.33
08 72 43 00-0163	LF	3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....		27.62	6.57
08 72 43 00-0164	LF	5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....		43.04	6.75
<b>08 72 43 00-0165</b>		<b>Vinyl Top, Wood Residential Thresholds</b> (08 72 43 00-0158)			
08 72 43 00-0166	LF	1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....		23.09	5.95
08 72 43 00-0167	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....		28.29	6.57
08 72 43 00-0168	LF	3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....		54.51	6.57
<b>08 72 43 00-0169</b>		<b>Vinyl Top, Aluminum Residential Thresholds</b> (08 72 43 00-0158)			
08 72 43 00-0170	LF	1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....		23.16	5.95
		For Color Anodized Finish, Add		3.32	
08 72 43 00-0171	LF	3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....		27.17	6.57
		For Color Anodized Finish, Add		4.30	
08 72 43 00-0172	LF	3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....		28.96	6.57
		For Color Anodized Finish, Add		5.02	
<b>08 72 43 00-0173</b>		<b>Interlocking Residential Thresholds</b> (08 72 43 00-0158)			
<b>08 72 43 00-0174</b>		<b>Aluminum Interlocking Residential Thresholds</b> (08 72 43 00-0173)			
<b>08 72 43 00-0175</b>		<b>1/2" Height, Aluminum Interlocking Residential Thresholds</b> (08 72 43 00-0174)			
08 72 43 00-0176	LF	4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....		53.42	6.75
		For Color Anodized Finish, Add		10.96	
<b>08 72 43 00-0177</b>		<b>5/8" Height, Aluminum Interlocking Residential Thresholds</b> (08 72 43 00-0174)			
08 72 43 00-0178	LF	3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A) .....		34.87	6.33
		For Color Anodized Finish, Add		5.72	
08 72 43 00-0179	LF	3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....		31.43	6.57
		For Color Anodized Finish, Add		7.51	
08 72 43 00-0180	LF	4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....		36.84	6.75
		For Color Anodized Finish, Add		5.99	
<b>08 72 43 00-0181</b>		<b>7/8" Height, Aluminum Interlocking Residential Thresholds</b> (08 72 43 00-0174)			
08 72 43 00-0182	LF	4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A).....		40.42	6.75
		For Color Anodized Finish, Add		11.77	
<b>08 72 43 00-0183</b>		<b>Brass/Bronze Interlocking Residential Thresholds</b> (08 72 43 00-0173)			
<b>08 72 43 00-0184</b>		<b>1/2" Height, Brass/Bronze Interlocking Residential Thresholds</b> (08 72 43 00-0183)			
08 72 43 00-0185	LF	4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B).....		168.36	6.75
<b>08 72 43 00-0186</b>		<b>5/8" Height, Brass/Bronze Interlocking Residential Thresholds</b> (08 72 43 00-0183)			
08 72 43 00-0187	LF	3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B).....		126.94	6.57
<b>08 72 43 00-0188</b>		<b>7/8" Height, Brass/Bronze Interlocking Residential Thresholds</b> (08 72 43 00-0183)			
08 72 43 00-0189	LF	4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B).....		172.45	6.75
08 72 43 00-0190	LF	5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B).....		246.61	6.94
<b>08 72 43 00-0191</b>		<b>Residential Door Sills</b> (08 72 43 00-0001)			
<b>08 72 43 00-0192</b>		<b>Fixed Aluminum Residential Door Sills</b> (08 72 43 00-0191)			
08 72 43 00-0193	LF	4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A).....		29.67	6.75
		For Color Anodized Finish, Add		6.39	
08 72 43 00-0194	LF	5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A).....		31.90	6.94
		For Color Anodized Finish, Add		5.81	
<b>08 72 43 00-0195</b>		<b>Adjustable Aluminum Top, Aluminum Residential Door Sills</b> (08 72 43 00-0191)			



		<b>Openings</b>	<b>08</b>
		<b>Hardware</b>	<b>08 70</b>
		<b>Weatherstripping, Thresholds and Seals</b>	<b>08 72</b>

08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0196	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A) ..... <i>For Color Anodized Finish, Add</i>	43.35 9.26	6.75
08 72 43 00-0197	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A) ..... <i>For Color Anodized Finish, Add</i>	44.50 9.50	6.94
<b>08 72 43 00-0198</b>			<b>Adjustable Wood Top, Aluminum Residential Door Sills</b> (08 72 43 00-0191)		
08 72 43 00-0199	LF		3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW)..... <i>For Color Anodized Finish, Add</i>	43.94 9.64	6.57
08 72 43 00-0200	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW)..... <i>For Color Anodized Finish, Add</i>	44.43 6.89	6.75
08 72 43 00-0201	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW)..... <i>For Color Anodized Finish, Add</i>	46.40 7.26	6.94
<b>08 72 43 00-0202</b>			<b>Extenders For Aluminum Residential Door Sills</b> (08 72 43 00-0191)		
08 72 43 00-0203	LF		3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A) ..... <i>For Color Anodized Finish, Add</i>	17.49 3.92	5.95
08 72 43 00-0204	LF		2" Extender For Aluminum Residential Door Sills (Pemko EXT2A) ..... <i>For Color Anodized Finish, Add</i>	19.29 3.70	5.95
08 72 43 00-0205	LF		3" Extender For Aluminum Residential Door Sills (Pemko EXT3A) ..... <i>For Color Anodized Finish, Add</i>	21.08 2.30	5.95
<b>08 72 43 00-0206</b>			<b>Stone Thresholds</b> (08 72 43 00-0001)		
<b>08 72 43 00-0207</b>			<b>Marble Thresholds</b> (08 72 43 00-0206)		
08 72 43 00-0208	LF		2" Width, 5/8" Height, Plain Marble Threshold.....	24.09	9.38
08 72 43 00-0209	LF		4" Width, 5/8" Height, Plain Marble Threshold.....	26.48	9.38
08 72 43 00-0210	LF		6" Width, 5/8" Height, Plain Marble Threshold.....	29.67	9.38
08 72 43 00-0211	LF		4" Width, 7/8" Height, Plain Marble Threshold.....	36.88	9.38
08 72 43 00-0212	LF		6" Width, 7/8" Height, Plain Marble Threshold.....	45.30	9.38
<b>08 72 43 00-0213</b>			<b>Corian Thresholds</b> (08 72 43 00-0206)		
08 72 43 00-0214	LF		Up To 5-3/4" Width, Corian Threshold.....	91.58	9.87
<b>08 75</b>			<b>Window Hardware</b> (08 70)		
<b>08 75 13</b>			<b>Automatic Window Equipment</b> (08 75)		
<b>08 75 13 00-0001</b>			<b>Window Opener Electric, With 1/2 HP Motor</b> (08 75 13)		
08 75 13 00-0002	EA		Gym Window Electronic Opener.....	2,020.77	253.42
<b>08 78</b>			<b>Special Function Hardware</b> (08 70)		
<b>08 78 00 00-0001</b>			<b>Pad Locks</b> (08 78)		
08 78 00 00-0002	EA		Combination Padlock.....	25.30	5.95
08 78 00 00-0003	EA		Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height.....	59.65	5.95
08 78 00 00-0004	EA		Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height.....	54.99	5.95
08 78 00 00-0005	EA		Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height.....	60.76	5.95
08 78 00 00-0006	EA		Commercial U-Bar Lock.....	74.10	5.95
08 78 00 00-0007	EA		Weather Tough Padlocks Keyed Alike.....	61.92	5.95
08 78 00 00-0008	EA		High Security Padlocks.....	55.76	5.95
08 78 00 00-0009	EA		Standard Key, Medium Security Padlock Keyed Alike.....	28.69	5.95
<b>08 79</b>			<b>Hardware Accessories</b> (08 70)		
<b>08 79 13</b>			<b>Key Storage Equipment</b> (08 79)		
<b>08 79 13 00-0001</b>			<b>Key Cabinet</b> (08 79 13)		
<b>08 79 13 00-0002</b>			<b>Key Cabinets</b> (08 79 13 00-0001)		
08 79 13 00-0003	EA		Wall Mounted Key Cabinet, Up To 30 Keys.....	621.13	21.41
08 79 13 00-0004	EA		Wall Mounted Key Cabinet, Up To 60 Keys.....	841.39	23.78
08 79 13 00-0005	EA		Wall Mounted Key Cabinet, Up To 240 Keys.....	1,900.43	35.68
08 79 13 00-0006	EA		Wall Mounted Key Cabinet, Up To 1,200 Keys.....	4,928.81	47.57
08 79 13 00-0007	EA		Drawer Type Key Cabinet, Up To 600 Keys.....	5,272.66	31.52
08 79 13 00-0008	EA		Drawer Type Key Cabinet, Up To 2,400 Keys.....	11,943.82	23.78
08 79 13 00-0009	EA		Tray Type Key Cabinet, Up To 20 Keys.....	260.71	9.52
08 79 13 00-0010	EA		Tray Type Key Cabinet, Up To 50 Keys.....	372.88	11.89
<b>08 79 13 00-0011</b>			<b>Key Boxes Wall Mounted On Any Type Wall, With Anchor</b> (08 79 13 00-0001)		
08 79 13 00-0012	EA		Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High.....	352.57	17.85

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 70</b>	<b>Hardware</b>
	<b>08 79</b>	<b>Hardware Accessories</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 79 13 00-0013	EA		Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High.....	400.90	17.85
08 79 13 00-0014	EA		Relocate 10" Wide x 12" High x 3" Deep Metal Key Box .....	60.68	
			Note: Including Storage And Cleaning		
08 79 13 00-0015	EA		Relocate Heavy-Duty Key Box, With Combo Lock Door.....	136.82	
			Note: Including Storage And Cleaning		

**08 80 Glazing** <sup>(08)</sup>

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

**08 81 Glass Glazing** <sup>(08 80)</sup>

**08 81 23 Exterior Glass Glazing** <sup>(08 81)</sup>

**08 81 23 13 Factory Installed Glass Glazing** <sup>(08 81 23)</sup>

**08 81 23 13-0001 Clear Float Factory Installed Glass** <sup>(08 81 23 13)</sup>

**08 81 23 13-0002 Clear Float Factory Installed Glass** <sup>(08 81 23 13-0001)</sup>

Note: Type I, Class I, Quality Q3.

08 81 23 13-0003	SF	1/8" Thick, Clear Float Factory Installed Glass .....	7.99
		For >50 To 200, Deduct	-0.24
		For >200 To 400, Deduct	-0.48
		For >400, Deduct	-0.72
		For Tinted Glass, Add	2.00
		For Reflective Coated Glass, Add	3.60
		For Low-E Coated Glass, Add	2.00
08 81 23 13-0004	SF	3/16" Thick, Clear Float Factory Installed Glass .....	8.57
		For >50 To 200, Deduct	-0.26
		For >200 To 400, Deduct	-0.51
		For >400, Deduct	-0.77
		For Tinted Glass, Add	2.14
		For Reflective Coated Glass, Add	3.86
		For Low-E Coated Glass, Add	2.14
08 81 23 13-0005	SF	1/4" Thick, Clear Float Factory Installed Glass .....	10.39
		For >50 To 200, Deduct	-0.31
		For >200 To 400, Deduct	-0.62
		For >400, Deduct	-0.94
		For Tinted Glass, Add	2.60
		For Reflective Coated Glass, Add	4.68
		For Low-E Coated Glass, Add	2.60
08 81 23 13-0006	SF	5/16" Thick, Clear Float Factory Installed Glass .....	17.27
		For >50 To 200, Deduct	-0.52
		For >200 To 400, Deduct	-1.04
		For >400, Deduct	-1.55
		For Tinted Glass, Add	4.32
		For Reflective Coated Glass, Add	7.77
		For Low-E Coated Glass, Add	4.32
08 81 23 13-0007	SF	3/8" Thick, Clear Float Factory Installed Glass .....	25.13
		For >50 To 200, Deduct	-0.75
		For >200 To 400, Deduct	-1.51
		For >400, Deduct	-2.26
		For Tinted Glass, Add	6.28
		For Reflective Coated Glass, Add	11.31
		For Low-E Coated Glass, Add	6.28
08 81 23 13-0008	SF	1/2" Thick, Clear Float Factory Installed Glass .....	27.61
		For >50 To 200, Deduct	-0.83
		For >200 To 400, Deduct	-1.66
		For >400, Deduct	-2.48
		For Tinted Glass, Add	6.90
		For Reflective Coated Glass, Add	12.42
		For Low-E Coated Glass, Add	6.90
08 81 23 13-0009	SF	5/8" Thick, Clear Float Factory Installed Glass .....	33.03
		For >50 To 200, Deduct	-0.99
		For >200 To 400, Deduct	-1.98
		For >400, Deduct	-2.97
		For Tinted Glass, Add	8.26
		For Reflective Coated Glass, Add	14.86
		For Low-E Coated Glass, Add	8.26
08 81 23 13-0010	SF	3/4" Thick, Clear Float Factory Installed Glass .....	40.80
		For >50 To 200, Deduct	-1.22
		For >200 To 400, Deduct	-2.45
		For >400, Deduct	-3.67
		For Tinted Glass, Add	10.20
		For Reflective Coated Glass, Add	18.36
		For Low-E Coated Glass, Add	10.20

**08 81 23 13-0011 Heat Treated Factory Installed Glass** <sup>(08 81 23 13)</sup>

**08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass** <sup>(08 81 23 13-0011)</sup>

Note: Type I, Class I, Quality Q3.



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0013 SF 1/8" Thick, Tempered, Clear Float Factory Installed Glass.....	11.88	
For >50 To 200, Deduct	-0.36	
For >200 To 400, Deduct	-0.71	
For >400, Deduct	-1.07	
For Tinted Glass, Add	2.97	
For Reflective Coated Glass, Add	5.35	
For Low-E Coated Glass, Add	2.97	
08 81 23 13-0014 SF 3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	12.70	
For >50 To 200, Deduct	-0.38	
For >200 To 400, Deduct	-0.76	
For >400, Deduct	-1.14	
For Tinted Glass, Add	3.18	
For Reflective Coated Glass, Add	5.72	
For Low-E Coated Glass, Add	3.18	
08 81 23 13-0015 SF 1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	15.45	
For >50 To 200, Deduct	-0.46	
For >200 To 400, Deduct	-0.93	
For >400, Deduct	-1.39	
For Tinted Glass, Add	3.86	
For Reflective Coated Glass, Add	6.95	
For Low-E Coated Glass, Add	3.86	
08 81 23 13-0016 SF 5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	25.72	
For >50 To 200, Deduct	-0.77	
For >200 To 400, Deduct	-1.54	
For >400, Deduct	-2.31	
For Tinted Glass, Add	6.43	
For Reflective Coated Glass, Add	11.57	
For Low-E Coated Glass, Add	6.43	
08 81 23 13-0017 SF 3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	37.37	
For >50 To 200, Deduct	-1.12	
For >200 To 400, Deduct	-2.24	
For >400, Deduct	-3.36	
For Tinted Glass, Add	9.34	
For Reflective Coated Glass, Add	16.82	
For Low-E Coated Glass, Add	9.34	
08 81 23 13-0018 SF 1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	41.06	
For >50 To 200, Deduct	-1.23	
For >200 To 400, Deduct	-2.46	
For >400, Deduct	-3.70	
For Tinted Glass, Add	10.27	
For Reflective Coated Glass, Add	18.48	
For Low-E Coated Glass, Add	10.27	
08 81 23 13-0019 SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass.....	49.12	
For >50 To 200, Deduct	-1.47	
For >200 To 400, Deduct	-2.95	
For >400, Deduct	-4.42	
For Tinted Glass, Add	12.28	
For Reflective Coated Glass, Add	22.10	
For Low-E Coated Glass, Add	12.28	
08 81 23 13-0020 SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass.....	60.68	
For >50 To 200, Deduct	-1.82	
For >200 To 400, Deduct	-3.64	
For >400, Deduct	-5.46	
For Tinted Glass, Add	15.17	
For Reflective Coated Glass, Add	27.31	
For Low-E Coated Glass, Add	15.17	
08 81 23 13-0021 Patterned Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0022 Rough Obscure, Factory Installed Glass <small>(08 81 23 13-0021)</small>		
Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023 SF 1/4" Thick, Rough Obscure, Factory Installed Glass .....	64.95	
08 81 23 13-0024 Patterned, Figured Factory Installed Glass <small>(08 81 23 13-0021)</small>		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025 SF 1/8" Thick, Patterned, Figured Factory Installed Glass.....	39.45	
08 81 23 13-0026 SF 7/32" Thick, Patterned, Figured Factory Installed Glass.....	39.45	
08 81 23 13-0027 Wired Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0028 Square Or Diamond Pattern, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029 SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass.....	102.12	
08 81 23 13-0030 SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass .....	102.12	
08 81 23 13-0031 Polished, Wired Factory Installed Glass <small>(08 81 23 13-0027)</small>		
08 81 23 13-0032 SF 1/4" Thick, Polished, Wired Factory Installed Glass .....	111.64	
08 81 23 13-0033 Frosted Factory Installed Glass <small>(08 81 23 13)</small>		



**08 Openings****08 80 Glazing****08 81 Glass Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0034			<b>Frosted Factory Installed Glass</b> (08 81 23 13-0033)		
08 81 23 13-0035	SF		1/8" Thick, Frosted Factory Installed Glass.....	51.63	
			<i>For &gt;50 To 200, Deduct</i>	-1.55	
			<i>For &gt;200 To 400, Deduct</i>	-3.10	
			<i>For &gt;400, Deduct</i>	-4.65	
08 81 23 13-0036	SF		3/16" Thick, Frosted Factory Installed Glass.....	67.74	
			<i>For &gt;50 To 200, Deduct</i>	-2.03	
			<i>For &gt;200 To 400, Deduct</i>	-4.06	
			<i>For &gt;400, Deduct</i>	-6.10	
08 81 23 13-0037	SF		1/4" Thick, Frosted Factory Installed Glass.....	85.63	
			<i>For &gt;50 To 200, Deduct</i>	-2.57	
			<i>For &gt;200 To 400, Deduct</i>	-5.14	
			<i>For &gt;400, Deduct</i>	-7.71	
08 81 23 13-0038	SF		3/8" Thick, Frosted Factory Installed Glass.....	128.00	
			<i>For &gt;50 To 200, Deduct</i>	-3.84	
			<i>For &gt;200 To 400, Deduct</i>	-7.68	
			<i>For &gt;400, Deduct</i>	-11.52	
08 81 23 13-0039			<b>Fire Rated Factory Installed Glass</b> (08 81 23 13)		
08 81 23 13-0040			<b>Fire Rated Factory Installed Glass</b> (08 81 23 13-0039)		
08 81 23 13-0041	SF		20 Minute, Fire Rated Factory Installed Glass.....	49.05	
08 81 23 13-0042	SF		45 Minute, Fire Rated Factory Installed Glass.....	97.66	
08 81 23 13-0043	SF		60 Minute, Fire Rated Factory Installed Glass.....	150.94	
08 81 23 13-0044	SF		90 Minute, Fire Rated Factory Installed Glass.....	199.77	
08 81 23 13-0045			<b>Laminated Factory Installed Glass</b> (08 81 23 13)		
08 81 23 13-0046			<b>Laminated Glass With PVB Interlayer, Factory Installed Glass</b> (08 81 23 13-0045)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047	SF		1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	32.38	
			<i>For &gt;50 To 200, Deduct</i>	-0.97	
			<i>For &gt;200 To 400, Deduct</i>	-1.94	
			<i>For &gt;400, Deduct</i>	-2.91	
			<i>For Tinted Glass, Add</i>	6.48	
			<i>For Reflective Coated Glass, Add</i>	9.71	
			<i>For Low-E Coated Glass, Add</i>	8.10	
			<i>For One Piece Heat Strengthened Glass, Add</i>	6.48	
			<i>For One Piece Fully Tempered Glass, Add</i>	6.48	
08 81 23 13-0048	SF		3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	40.42	
			<i>For &gt;50 To 200, Deduct</i>	-1.21	
			<i>For &gt;200 To 400, Deduct</i>	-2.43	
			<i>For &gt;400, Deduct</i>	-3.64	
			<i>For Tinted Glass, Add</i>	8.08	
			<i>For Reflective Coated Glass, Add</i>	12.13	
			<i>For Low-E Coated Glass, Add</i>	10.11	
			<i>For One Piece Heat Strengthened Glass, Add</i>	8.08	
			<i>For One Piece Fully Tempered Glass, Add</i>	8.08	
08 81 23 13-0049	SF		1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass.....	46.70	
			<i>For &gt;50 To 200, Deduct</i>	-1.40	
			<i>For &gt;200 To 400, Deduct</i>	-2.80	
			<i>For &gt;400, Deduct</i>	-4.20	
			<i>For Tinted Glass, Add</i>	9.34	
			<i>For Reflective Coated Glass, Add</i>	14.01	
			<i>For Low-E Coated Glass, Add</i>	11.68	
			<i>For One Piece Heat Strengthened Glass, Add</i>	9.34	
			<i>For One Piece Fully Tempered Glass, Add</i>	9.34	
08 81 23 13-0050			<b>Insulated Factory Installed Glass</b> (08 81 23 13)		
08 81 23 13-0051			<b>Insulated, Factory Installed Glass</b> (08 81 23 13-0050)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052			<b>3/16" Air Space, Insulated, Factory Installed Glass</b> (08 81 23 13-0051)		
			Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053	SF		3/8" Thick, Insulated Factory Installed Glass.....	20.87	
			Note: Two 3/32" lites with 3/16" air space.		
			<i>For &gt;50 To 200, Deduct</i>	-0.63	
			<i>For &gt;200 To 400, Deduct</i>	-1.25	
			<i>For &gt;400, Deduct</i>	-1.88	
			<i>For Tinted Glass, Add</i>	3.13	
			<i>For Reflective Coated Glass, Add</i>	6.26	
			<i>For Low-E Coated Glass, Add</i>	5.22	
			<i>For One Piece Heat Strengthened Glass, Add</i>	4.17	
			<i>For One Piece Fully Tempered Glass, Add</i>	4.17	
			<i>For One Piece Obscure Glass, Add</i>	8.87	
			<i>For Argon Gas, Add</i>	2.87	



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0054 SF 1/2" Thick, Insulated Factory Installed Glass .....22.80 Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
For >50 To 200, Deduct	-0.68	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.05	
For Tinted Glass, Add	3.42	
For Reflective Coated Glass, Add	6.84	
For Low-E Coated Glass, Add	5.70	
For One Piece Heat Strengthened Glass, Add	4.56	
For One Piece Fully Tempered Glass, Add	4.56	
For One Piece Obscure Glass, Add	9.69	
For Argon Gas, Add	3.14	
08 81 23 13-0055 SF 9/16" Thick, Insulated Factory Installed Glass .....22.84 Note: Two 3/16" lites with 3/16" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.06	
For Tinted Glass, Add	3.43	
For Reflective Coated Glass, Add	6.85	
For Low-E Coated Glass, Add	5.71	
For One Piece Heat Strengthened Glass, Add	4.57	
For One Piece Fully Tempered Glass, Add	4.57	
For One Piece Obscure Glass, Add	9.71	
For Argon Gas, Add	3.14	
<b>08 81 23 13-0056 1/4" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)</b>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057 SF 7/16" Thick, Insulated Factory Installed Glass .....21.48 Note: Two 3/32" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.64	
For >200 To 400, Deduct	-1.29	
For >400, Deduct	-1.93	
For Tinted Glass, Add	3.22	
For Reflective Coated Glass, Add	6.44	
For Low-E Coated Glass, Add	5.37	
For One Piece Heat Strengthened Glass, Add	4.30	
For One Piece Fully Tempered Glass, Add	4.30	
For One Piece Obscure Glass, Add	9.13	
For Argon Gas, Add	2.95	
08 81 23 13-0058 SF 1/2" Thick, Insulated Factory Installed Glass .....22.80 Note: Two 1/8" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.68	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.05	
For Tinted Glass, Add	3.42	
For Reflective Coated Glass, Add	6.84	
For Low-E Coated Glass, Add	5.70	
For One Piece Heat Strengthened Glass, Add	4.56	
For One Piece Fully Tempered Glass, Add	4.56	
For One Piece Obscure Glass, Add	9.69	
For Argon Gas, Add	3.14	
08 81 23 13-0059 SF 5/8" Thick, Insulated Factory Installed Glass .....23.06 Note: Two 3/16" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.38	
For >400, Deduct	-2.08	
For Tinted Glass, Add	3.46	
For Reflective Coated Glass, Add	6.92	
For Low-E Coated Glass, Add	5.77	
For One Piece Heat Strengthened Glass, Add	4.61	
For One Piece Fully Tempered Glass, Add	4.61	
For One Piece Obscure Glass, Add	9.80	
For Argon Gas, Add	3.17	
08 81 23 13-0060 SF 5/8" Thick, Insulated Factory Installed Glass .....23.06 Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.38	
For >400, Deduct	-2.08	
For Tinted Glass, Add	3.46	
For Reflective Coated Glass, Add	6.92	
For Low-E Coated Glass, Add	5.77	
For One Piece Heat Strengthened Glass, Add	4.61	
For One Piece Fully Tempered Glass, Add	4.61	
For One Piece Obscure Glass, Add	9.80	
For Argon Gas, Add	3.17	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 81</b>	<b>Glass Glazing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0061 SF 3/4" Thick, Insulated Factory Installed Glass .....26.36 Note: Two 1/4" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.79	
For >200 To 400, Deduct	-1.58	
For >400, Deduct	-2.37	
For Tinted Glass, Add	3.95	
For Reflective Coated Glass, Add	7.91	
For Low-E Coated Glass, Add	6.59	
For One Piece Heat Strengthened Glass, Add	5.27	
For One Piece Fully Tempered Glass, Add	5.27	
For One Piece Obscure Glass, Add	11.20	
For Argon Gas, Add	3.62	
<b>08 81 23 13-0062 3/8" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)</b>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0063 SF 5/8" Thick, Insulated Factory Installed Glass .....23.06 Note: Two 1/8" lites with 3/8" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.38	
For >400, Deduct	-2.08	
For Tinted Glass, Add	3.46	
For Reflective Coated Glass, Add	6.92	
For Low-E Coated Glass, Add	5.77	
For One Piece Heat Strengthened Glass, Add	4.61	
For One Piece Fully Tempered Glass, Add	4.61	
For One Piece Obscure Glass, Add	9.80	
For Argon Gas, Add	3.17	
08 81 23 13-0064 SF 3/4" Thick, Insulated Factory Installed Glass .....24.16 Note: Two 3/16" lites with 3/8" air space.		
For >50 To 200, Deduct	-0.72	
For >200 To 400, Deduct	-1.45	
For >400, Deduct	-2.17	
For Tinted Glass, Add	3.62	
For Reflective Coated Glass, Add	7.25	
For Low-E Coated Glass, Add	6.04	
For One Piece Heat Strengthened Glass, Add	4.83	
For One Piece Fully Tempered Glass, Add	4.83	
For One Piece Obscure Glass, Add	10.27	
For Argon Gas, Add	3.32	
08 81 23 13-0065 SF 7/8" Thick, Insulated Factory Installed Glass .....26.80 Note: Two 1/4" lites with 3/8" air space.		
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.61	
For >400, Deduct	-2.41	
For Tinted Glass, Add	4.02	
For Reflective Coated Glass, Add	8.04	
For Low-E Coated Glass, Add	6.70	
For One Piece Heat Strengthened Glass, Add	5.36	
For One Piece Fully Tempered Glass, Add	5.36	
For One Piece Obscure Glass, Add	11.39	
For Argon Gas, Add	3.69	
08 81 23 13-0066 SF 1" Thick, Insulated Factory Installed Glass .....30.27 Note: Two 5/16" lites with 3/8" air space.		
For >50 To 200, Deduct	-0.91	
For >200 To 400, Deduct	-1.82	
For >400, Deduct	-2.72	
For Tinted Glass, Add	4.54	
For Reflective Coated Glass, Add	9.08	
For Low-E Coated Glass, Add	7.57	
For One Piece Heat Strengthened Glass, Add	6.05	
For One Piece Fully Tempered Glass, Add	6.05	
For One Piece Obscure Glass, Add	12.86	
For Argon Gas, Add	4.16	
<b>08 81 23 13-0067 1/2" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)</b>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0068 SF 3/4" Thick, Insulated Factory Installed Glass .....24.16 Note: Two 1/8" lites with 1/2" air space.		
For >50 To 200, Deduct	-0.72	
For >200 To 400, Deduct	-1.45	
For >400, Deduct	-2.17	
For Tinted Glass, Add	3.62	
For Reflective Coated Glass, Add	7.25	
For Low-E Coated Glass, Add	6.04	
For One Piece Heat Strengthened Glass, Add	4.83	
For One Piece Fully Tempered Glass, Add	4.83	
For One Piece Obscure Glass, Add	10.27	
For Argon Gas, Add	3.32	



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0069 SF 7/8" Thick, Insulated Factory Installed Glass .....26.80 Note: Two 3/16" lites with 1/2" air space. For >50 To 200, Deduct -0.80 For >200 To 400, Deduct -1.61 For >400, Deduct -2.41 For Tinted Glass, Add 4.02 For Reflective Coated Glass, Add 8.04 For Low-E Coated Glass, Add 6.70 For One Piece Heat Strengthened Glass, Add 5.36 For One Piece Fully Tempered Glass, Add 5.36 For One Piece Obscure Glass, Add 11.39 For Argon Gas, Add 3.69		
08 81 23 13-0070 SF 7/8" Thick, Insulated Factory Installed Glass .....26.80 Note: One 1/4" lite and one 1/8" lite with 1/2" air space. For >50 To 200, Deduct -0.80 For >200 To 400, Deduct -1.61 For >400, Deduct -2.41 For Tinted Glass, Add 4.02 For Reflective Coated Glass, Add 8.04 For Low-E Coated Glass, Add 6.70 For One Piece Heat Strengthened Glass, Add 5.36 For One Piece Fully Tempered Glass, Add 5.36 For One Piece Obscure Glass, Add 11.39 For Argon Gas, Add 3.69		
08 81 23 13-0071 SF 1" Thick, Insulated Factory Installed Glass .....29.30 Note: Two 1/4" lites with 1/2" air space. For >50 To 200, Deduct -0.88 For >200 To 400, Deduct -1.76 For >400, Deduct -2.64 For Tinted Glass, Add 4.40 For Reflective Coated Glass, Add 8.79 For Low-E Coated Glass, Add 7.33 For One Piece Heat Strengthened Glass, Add 5.86 For One Piece Fully Tempered Glass, Add 5.86 For One Piece Obscure Glass, Add 12.45 For Argon Gas, Add 4.03		
<b>08 81 23 13-0072 Laminated Insulated Glass, Factory Installed Glass (08 81 23 13-0050)</b>		
08 81 23 13-0073 SF 1" Thick, Laminated Insulating Glass, Factory Installed Glass .....82.04 Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct -2.46 For >200 To 400, Deduct -4.92 For >400, Deduct -7.38 For Tinted Glass, Add 12.31 For Reflective Coated Glass, Add 24.61 For Low-E Coated Glass, Add 20.51 For Argon Gas, Add 11.28		
08 81 23 13-0074 SF 1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass .....99.62 Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct -2.99 For >200 To 400, Deduct -5.98 For >400, Deduct -8.97 For Tinted Glass, Add 14.94 For Reflective Coated Glass, Add 29.89 For Low-E Coated Glass, Add 24.91 For Argon Gas, Add 13.70		
08 81 23 13-0075 SF 1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass .....117.20 Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass. For >50 To 200, Deduct -3.52 For >200 To 400, Deduct -7.03 For >400, Deduct -10.55 For Tinted Glass, Add 17.58 For Reflective Coated Glass, Add 35.16 For Low-E Coated Glass, Add 29.30 For Argon Gas, Add 16.12		
<b>08 81 23 23 Field Installed Glass Glazing (08 81 23)</b>		
08 81 23 23-0001 Clear Float Field Installed Glass (08 81 23 23)		
08 81 23 23-0002 Clear Float Field Installed Glass (08 81 23 23-0001) Note: Type I, Class I, Quality Q3.		
08 81 23 23-0003 SF 1/8" Thick, Clear Float Field Installed Glass .....22.97 For >50 To 200, Deduct -0.24 For >200 To 400, Deduct -0.48 For >400, Deduct -0.72 For Glass Removal And Preparing Opening For New Glazing, Add 14.98 For Tinted Glass, Add 2.00 For Reflective Coated Glass, Add 3.60 For Low-E Coated Glass, Add 2.00		

**08 Openings****08 80 Glazing****08 81 Glass Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0004	SF		3/16" Thick, Clear Float Field Installed Glass .....	24.70	
			<i>For &gt;50 To 200, Deduct</i>	-0.26	
			<i>For &gt;200 To 400, Deduct</i>	-0.51	
			<i>For &gt;400, Deduct</i>	-0.77	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.13	
			<i>For Tinted Glass, Add</i>	2.14	
			<i>For Reflective Coated Glass, Add</i>	3.86	
			<i>For Low-E Coated Glass, Add</i>	2.14	
08 81 23 23-0005	SF		1/4" Thick, Clear Float Field Installed Glass .....	27.67	
			<i>For &gt;50 To 200, Deduct</i>	-0.31	
			<i>For &gt;200 To 400, Deduct</i>	-0.62	
			<i>For &gt;400, Deduct</i>	-0.94	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.28	
			<i>For Tinted Glass, Add</i>	2.60	
			<i>For Reflective Coated Glass, Add</i>	4.68	
			<i>For Low-E Coated Glass, Add</i>	2.60	
08 81 23 23-0006	SF		5/16" Thick, Clear Float Field Installed Glass .....	36.86	
			<i>For &gt;50 To 200, Deduct</i>	-0.52	
			<i>For &gt;200 To 400, Deduct</i>	-1.04	
			<i>For &gt;400, Deduct</i>	-1.55	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	19.59	
			<i>For Tinted Glass, Add</i>	4.32	
			<i>For Reflective Coated Glass, Add</i>	7.77	
			<i>For Low-E Coated Glass, Add</i>	4.32	
08 81 23 23-0007	SF		3/8" Thick, Clear Float Field Installed Glass .....	47.02	
			<i>For &gt;50 To 200, Deduct</i>	-0.75	
			<i>For &gt;200 To 400, Deduct</i>	-1.51	
			<i>For &gt;400, Deduct</i>	-2.26	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	21.89	
			<i>For Tinted Glass, Add</i>	6.28	
			<i>For Reflective Coated Glass, Add</i>	11.31	
			<i>For Low-E Coated Glass, Add</i>	6.28	
08 81 23 23-0008	SF		1/2" Thick, Clear Float Field Installed Glass .....	51.81	
			<i>For &gt;50 To 200, Deduct</i>	-0.83	
			<i>For &gt;200 To 400, Deduct</i>	-1.66	
			<i>For &gt;400, Deduct</i>	-2.48	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	24.20	
			<i>For Tinted Glass, Add</i>	6.90	
			<i>For Reflective Coated Glass, Add</i>	12.42	
			<i>For Low-E Coated Glass, Add</i>	6.90	
08 81 23 23-0009	SF		5/8" Thick, Clear Float Field Installed Glass .....	62.99	
			<i>For &gt;50 To 200, Deduct</i>	-0.99	
			<i>For &gt;200 To 400, Deduct</i>	-1.98	
			<i>For &gt;400, Deduct</i>	-2.97	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	29.96	
			<i>For Tinted Glass, Add</i>	8.26	
			<i>For Reflective Coated Glass, Add</i>	14.86	
			<i>For Low-E Coated Glass, Add</i>	8.26	
08 81 23 23-0010	SF		3/4" Thick, Clear Float Field Installed Glass .....	76.53	
			<i>For &gt;50 To 200, Deduct</i>	-1.22	
			<i>For &gt;200 To 400, Deduct</i>	-2.45	
			<i>For &gt;400, Deduct</i>	-3.67	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	35.73	
			<i>For Tinted Glass, Add</i>	10.20	
			<i>For Reflective Coated Glass, Add</i>	18.36	
			<i>For Low-E Coated Glass, Add</i>	10.20	
08 81 23 23-0011			Heat Treated Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0012			Tempered, Clear Float Field Installed Glass <small>(08 81 23 23-0011)</small>		
			Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013	SF		1/8" Thick, Tempered, Clear Float Field Installed Glass .....	26.86	
			<i>For &gt;50 To 200, Deduct</i>	-0.36	
			<i>For &gt;200 To 400, Deduct</i>	-0.71	
			<i>For &gt;400, Deduct</i>	-1.07	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.98	
			<i>For Tinted Glass, Add</i>	2.97	
			<i>For Reflective Coated Glass, Add</i>	5.35	
			<i>For Low-E Coated Glass, Add</i>	2.97	
08 81 23 23-0014	SF		3/16" Thick, Tempered, Clear Float Field Installed Glass .....	28.83	
			<i>For &gt;50 To 200, Deduct</i>	-0.38	
			<i>For &gt;200 To 400, Deduct</i>	-0.76	
			<i>For &gt;400, Deduct</i>	-1.14	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.13	
			<i>For Tinted Glass, Add</i>	3.18	
			<i>For Reflective Coated Glass, Add</i>	5.72	
			<i>For Low-E Coated Glass, Add</i>	3.18	
08 81 23 23-0015	SF		1/4" Thick, Tempered, Clear Float Field Installed Glass .....	32.73	
			<i>For &gt;50 To 200, Deduct</i>	-0.46	
			<i>For &gt;200 To 400, Deduct</i>	-0.93	
			<i>For &gt;400, Deduct</i>	-1.39	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.28	
			<i>For Tinted Glass, Add</i>	3.86	
			<i>For Reflective Coated Glass, Add</i>	6.95	
			<i>For Low-E Coated Glass, Add</i>	3.86	



<b>Openings</b>	<b>08</b>	<b>08</b>
<b>Glazing</b>	<b>08 80</b>	
<b>Glass Glazing</b>	<b>08 81</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0016 SF 5/16" Thick, Tempered, Clear Float Field Installed Glass.....	45.31	
For >50 To 200, Deduct	-0.77	
For >200 To 400, Deduct	-1.54	
For >400, Deduct	-2.31	
For Glass Removal And Preparing Opening For New Glazing, Add	19.59	
For Tinted Glass, Add	6.43	
For Reflective Coated Glass, Add	11.57	
For Low-E Coated Glass, Add	6.43	
08 81 23 23-0017 SF 3/8" Thick, Tempered, Clear Float Field Installed Glass.....	59.26	
For >50 To 200, Deduct	-1.12	
For >200 To 400, Deduct	-2.24	
For >400, Deduct	-3.36	
For Glass Removal And Preparing Opening For New Glazing, Add	21.89	
For Tinted Glass, Add	9.34	
For Reflective Coated Glass, Add	16.82	
For Low-E Coated Glass, Add	9.34	
08 81 23 23-0018 SF 1/2" Thick, Tempered, Clear Float Field Installed Glass.....	65.26	
For >50 To 200, Deduct	-1.23	
For >200 To 400, Deduct	-2.46	
For >400, Deduct	-3.70	
For Glass Removal And Preparing Opening For New Glazing, Add	24.20	
For Tinted Glass, Add	10.27	
For Reflective Coated Glass, Add	18.48	
For Low-E Coated Glass, Add	10.27	
08 81 23 23-0019 SF 5/8" Thick, Tempered, Clear Float Field Installed Glass.....	79.08	
For >50 To 200, Deduct	-1.47	
For >200 To 400, Deduct	-2.95	
For >400, Deduct	-4.42	
For Glass Removal And Preparing Opening For New Glazing, Add	29.96	
For Tinted Glass, Add	12.28	
For Reflective Coated Glass, Add	22.10	
For Low-E Coated Glass, Add	12.28	
08 81 23 23-0020 SF 3/4" Thick, Tempered, Clear Float Field Installed Glass.....	96.41	
For >50 To 200, Deduct	-1.82	
For >200 To 400, Deduct	-3.64	
For >400, Deduct	-5.46	
For Glass Removal And Preparing Opening For New Glazing, Add	35.73	
For Tinted Glass, Add	15.17	
For Reflective Coated Glass, Add	27.31	
For Low-E Coated Glass, Add	15.17	
<b>08 81 23 23-0021 Patterned Field Installed Glass (08 81 23 23)</b>		
<b>08 81 23 23-0022 Rough Obscure Field Installed Glass (08 81 23 23-0021)</b>		
Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023 SF 1/4" Thick, Rough Obscure Field Installed Glass.....	82.23	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
<b>08 81 23 23-0024 Patterned, Figured Field Installed Glass (08 81 23 23-0021)</b>		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025 SF 1/8" Thick, Patterned, Figured Field Installed Glass.....	54.43	
For Glass Removal And Preparing Opening For New Glazing, Add	14.98	
08 81 23 23-0026 SF 7/32" Thick, Patterned, Figured Field Installed Glass.....	56.16	
For Glass Removal And Preparing Opening For New Glazing, Add	16.71	
<b>08 81 23 23-0027 Wired Field Installed Glass (08 81 23 23)</b>		
<b>08 81 23 23-0028 Square Or Diamond Pattern, Wired Field Installed Glass (08 81 23 23-0027)</b>		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029 SF 1/4" Thick, Square Pattern, Wired Field Installed Glass.....	119.40	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
08 81 23 23-0030 SF 1/4" Thick, Diamond Pattern, Wired Field Installed Glass.....	119.40	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
<b>08 81 23 23-0031 Polished, Wired Field Installed Glass (08 81 23 23-0027)</b>		
08 81 23 23-0032 SF 1/4" Thick, Polished, Wired Field Installed Glass.....	128.92	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
<b>08 81 23 23-0033 Frosted Field Installed Glass (08 81 23 23)</b>		
<b>08 81 23 23-0034 Frosted Field Installed Glass (08 81 23 23-0033)</b>		
08 81 23 23-0035 SF 1/8" Thick, Frosted Field Installed Glass.....	66.61	
For >50 To 200, Deduct	-1.55	
For >200 To 400, Deduct	-3.10	
For >400, Deduct	-4.65	
For Glass Removal And Preparing Opening For New Glazing, Add	14.98	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 81</b>	<b>Glass Glazing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0036 SF 3/16" Thick, Frosted Field Installed Glass.....	83.87	
For >50 To 200, Deduct	-2.03	
For >200 To 400, Deduct	-4.06	
For >400, Deduct	-6.10	
For Glass Removal And Preparing Opening For New Glazing, Add	16.13	
08 81 23 23-0037 SF 1/4" Thick, Frosted Field Installed Glass.....	102.91	
For >50 To 200, Deduct	-2.57	
For >200 To 400, Deduct	-5.14	
For >400, Deduct	-7.71	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
08 81 23 23-0038 SF 3/8" Thick, Frosted Field Installed Glass.....	149.89	
For >50 To 200, Deduct	-3.84	
For >200 To 400, Deduct	-7.68	
For >400, Deduct	-11.52	
For Glass Removal And Preparing Opening For New Glazing, Add	21.89	
<b>08 81 23 23-0039 Anti Graffiti, Thin Crystallized Glass Ceramic Panel</b> (08 81 23 23-0033)		
08 81 23 23-0040 SF Anti Graffiti, Thin Crystallized Glass Ceramic Panel (TGP Neoparies LT).....	85.34	
For >50 To 200, Deduct	-2.04	
For >200 To 400, Deduct	-4.08	
For >400, Deduct	-6.13	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
<b>08 81 23 23-0041 Fire Rated Field Installed Glass</b> (08 81 23 23)		
<b>08 81 23 23-0042 Fire Rated Field Installed Glass</b> (08 81 23 23-0041)		
08 81 23 23-0043 SF 20 Minute, Fire Rated Field Installed Glass.....	66.33	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
08 81 23 23-0044 SF 45 Minute, Fire Rated Field Installed Glass.....	114.94	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
08 81 23 23-0045 SF 60 Minute, Fire Rated Field Installed Glass.....	168.22	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
08 81 23 23-0046 SF 90 Minute, Fire Rated Field Installed Glass.....	217.05	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
<b>08 81 23 23-0047 Laminated Field Installed Glass</b> (08 81 23 23)		
<b>08 81 23 23-0048 Laminated Glass With PVB Interlayer, Field Installed Glass</b> (08 81 23 23-0047)		
Note: Type I, Class I, Quality Q3.		
08 81 23 23-0049 SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	49.66	
For >50 To 200, Deduct	-0.97	
For >200 To 400, Deduct	-1.94	
For >400, Deduct	-2.91	
For Glass Removal And Preparing Opening For New Glazing, Add	17.28	
For Tinted Glass, Add	6.48	
For Reflective Coated Glass, Add	9.71	
For Low-E Coated Glass, Add	8.10	
For One Piece Heat Strengthened Glass, Add	6.48	
For One Piece Fully Tempered Glass, Add	6.48	
08 81 23 23-0050 SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	62.31	
For >50 To 200, Deduct	-1.21	
For >200 To 400, Deduct	-2.43	
For >400, Deduct	-3.64	
For Glass Removal And Preparing Opening For New Glazing, Add	21.89	
For Tinted Glass, Add	8.08	
For Reflective Coated Glass, Add	12.13	
For Low-E Coated Glass, Add	10.11	
For One Piece Heat Strengthened Glass, Add	8.08	
For One Piece Fully Tempered Glass, Add	8.08	
08 81 23 23-0051 SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	70.90	
For >50 To 200, Deduct	-1.40	
For >200 To 400, Deduct	-2.80	
For >400, Deduct	-4.20	
For Glass Removal And Preparing Opening For New Glazing, Add	24.20	
For Tinted Glass, Add	9.34	
For Reflective Coated Glass, Add	14.01	
For Low-E Coated Glass, Add	11.68	
For One Piece Heat Strengthened Glass, Add	9.34	
For One Piece Fully Tempered Glass, Add	9.34	
08 81 23 23-0052 SF 9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	79.62	
For >50 To 200, Deduct	-1.58	
For >200 To 400, Deduct	-3.15	
For >400, Deduct	-4.73	
For Glass Removal And Preparing Opening For New Glazing, Add	27.08	
For Tinted Glass, Add	10.51	
For Reflective Coated Glass, Add	15.76	
For Low-E Coated Glass, Add	13.14	
For One Piece Heat Strengthened Glass, Add	10.51	
For One Piece Fully Tempered Glass, Add	10.51	
<b>08 81 23 23-0053 Insulated Field Installed Glass</b> (08 81 23 23)		



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0054 Insulated Glass, Field Installed Glass <small>(08 81 23 23-0053)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0055 3/16" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0054)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0056 SF 3/8" Thick, Insulated Field Installed Glass .....40.23 Note: Two 3/32" lites with 3/16" air space.		
For >50 To 200, Deduct	-0.63	
For >200 To 400, Deduct	-1.25	
For >400, Deduct	-1.88	
For Glass Removal And Preparing Opening For New Glazing, Add	19.36	
For Tinted Glass, Add	3.13	
For Reflective Coated Glass, Add	6.26	
For Low-E Coated Glass, Add	5.22	
For One Piece Heat Strengthened Glass, Add	4.17	
For One Piece Fully Tempered Glass, Add	4.17	
For One Piece Obscure Glass, Add	8.87	
For Argon Gas, Add	2.87	
08 81 23 23-0057 SF 1/2" Thick, Insulated Field Installed Glass .....42.97 Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
For >50 To 200, Deduct	-0.68	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.05	
For Glass Removal And Preparing Opening For New Glazing, Add	20.17	
For Tinted Glass, Add	3.42	
For Reflective Coated Glass, Add	6.84	
For Low-E Coated Glass, Add	5.70	
For One Piece Heat Strengthened Glass, Add	4.56	
For One Piece Fully Tempered Glass, Add	4.56	
For One Piece Obscure Glass, Add	9.69	
For Argon Gas, Add	3.14	
08 81 23 23-0058 SF 9/16" Thick, Insulated Field Installed Glass .....43.35 Note: Two 3/16" lites with 3/16" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.06	
For Glass Removal And Preparing Opening For New Glazing, Add	20.51	
For Tinted Glass, Add	3.43	
For Reflective Coated Glass, Add	6.85	
For Low-E Coated Glass, Add	5.71	
For One Piece Heat Strengthened Glass, Add	4.57	
For One Piece Fully Tempered Glass, Add	4.57	
For One Piece Obscure Glass, Add	9.71	
For Argon Gas, Add	3.14	
08 81 23 23-0059 1/4" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0054)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0060 SF 7/16" Thick, Insulated Field Installed Glass .....41.19 Note: Two 3/32" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.64	
For >200 To 400, Deduct	-1.29	
For >400, Deduct	-1.93	
For Glass Removal And Preparing Opening For New Glazing, Add	19.71	
For Tinted Glass, Add	3.22	
For Reflective Coated Glass, Add	6.44	
For Low-E Coated Glass, Add	5.37	
For One Piece Heat Strengthened Glass, Add	4.30	
For One Piece Fully Tempered Glass, Add	4.30	
For One Piece Obscure Glass, Add	9.13	
For Argon Gas, Add	2.95	
08 81 23 23-0061 SF 1/2" Thick, Insulated Field Installed Glass .....42.97 Note: Two 1/8" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.68	
For >200 To 400, Deduct	-1.37	
For >400, Deduct	-2.05	
For Glass Removal And Preparing Opening For New Glazing, Add	20.17	
For Tinted Glass, Add	3.42	
For Reflective Coated Glass, Add	6.84	
For Low-E Coated Glass, Add	5.70	
For One Piece Heat Strengthened Glass, Add	4.56	
For One Piece Fully Tempered Glass, Add	4.56	
For One Piece Obscure Glass, Add	9.69	
For Argon Gas, Add	3.14	
08 81 23 23-0062 SF 5/8" Thick, Insulated Field Installed Glass .....44.57 Note: Two 3/16" lites with 1/4" air space.		
For >50 To 200, Deduct	-0.69	
For >200 To 400, Deduct	-1.38	
For >400, Deduct	-2.08	
For Glass Removal And Preparing Opening For New Glazing, Add	21.51	
For Tinted Glass, Add	3.46	
For Reflective Coated Glass, Add	6.92	
For Low-E Coated Glass, Add	5.77	
For One Piece Heat Strengthened Glass, Add	4.61	
For One Piece Fully Tempered Glass, Add	4.61	
For One Piece Obscure Glass, Add	9.80	
For Argon Gas, Add	3.17	

**08 Openings****08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 81 23 23-0063	SF 5/8" Thick, Insulated Field Installed Glass .....	44.57	
	Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
	For >50 To 200, Deduct	-0.69	
	For >200 To 400, Deduct	-1.38	
	For >400, Deduct	-2.08	
	For Glass Removal And Preparing Opening For New Glazing, Add	21.51	
	For Tinted Glass, Add	3.46	
	For Reflective Coated Glass, Add	6.92	
	For Low-E Coated Glass, Add	5.77	
	For One Piece Heat Strengthened Glass, Add	4.61	
	For One Piece Fully Tempered Glass, Add	4.61	
	For One Piece Obscure Glass, Add	9.80	
	For Argon Gas, Add	3.17	
08 81 23 23-0064	SF 3/4" Thick, Insulated Field Installed Glass .....	49.84	
	Note: Two 1/4" lites with 1/4" air space.		
	For >50 To 200, Deduct	-0.79	
	For >200 To 400, Deduct	-1.58	
	For >400, Deduct	-2.37	
	For Glass Removal And Preparing Opening For New Glazing, Add	23.48	
	For Tinted Glass, Add	3.95	
	For Reflective Coated Glass, Add	7.91	
	For Low-E Coated Glass, Add	6.59	
	For One Piece Heat Strengthened Glass, Add	5.27	
	For One Piece Fully Tempered Glass, Add	5.27	
	For One Piece Obscure Glass, Add	11.20	
	For Argon Gas, Add	3.62	
08 81 23 23-0065	3/8" Air Space, Insulated, Field Installed Glass (08 81 23 23-0054)		
	Note: Type I, Class I, Quality Q3.		
08 81 23 23-0066	SF 5/8" Thick, Insulated Field Installed Glass .....	44.57	
	Note: Two 1/8" lites with 3/8" air space.		
	For >50 To 200, Deduct	-0.69	
	For >200 To 400, Deduct	-1.38	
	For >400, Deduct	-2.08	
	For Glass Removal And Preparing Opening For New Glazing, Add	21.51	
	For Tinted Glass, Add	3.46	
	For Reflective Coated Glass, Add	6.92	
	For Low-E Coated Glass, Add	5.77	
	For One Piece Heat Strengthened Glass, Add	4.61	
	For One Piece Fully Tempered Glass, Add	4.61	
	For One Piece Obscure Glass, Add	9.80	
	For Argon Gas, Add	3.17	
08 81 23 23-0067	SF 3/4" Thick, Insulated Field Installed Glass .....	47.64	
	Note: Two 3/16" lites with 3/8" air space.		
	For >50 To 200, Deduct	-0.72	
	For >200 To 400, Deduct	-1.45	
	For >400, Deduct	-2.17	
	For Glass Removal And Preparing Opening For New Glazing, Add	23.48	
	For Tinted Glass, Add	3.62	
	For Reflective Coated Glass, Add	7.25	
	For Low-E Coated Glass, Add	6.04	
	For One Piece Heat Strengthened Glass, Add	4.83	
	For One Piece Fully Tempered Glass, Add	4.83	
	For One Piece Obscure Glass, Add	10.27	
	For Argon Gas, Add	3.32	
08 81 23 23-0068	SF 7/8" Thick, Insulated Field Installed Glass .....	50.77	
	Note: Two 1/4" lites with 3/8" air space.		
	For >50 To 200, Deduct	-0.80	
	For >200 To 400, Deduct	-1.61	
	For >400, Deduct	-2.41	
	For Glass Removal And Preparing Opening For New Glazing, Add	23.97	
	For Tinted Glass, Add	4.02	
	For Reflective Coated Glass, Add	8.04	
	For Low-E Coated Glass, Add	6.70	
	For One Piece Heat Strengthened Glass, Add	5.36	
	For One Piece Fully Tempered Glass, Add	5.36	
	For One Piece Obscure Glass, Add	11.39	
	For Argon Gas, Add	3.69	
08 81 23 23-0069	SF 1" Thick, Insulated Field Installed Glass .....	54.47	
	Note: Two 5/16" lites with 3/8" air space.		
	For >50 To 200, Deduct	-0.91	
	For >200 To 400, Deduct	-1.82	
	For >400, Deduct	-2.72	
	For Glass Removal And Preparing Opening For New Glazing, Add	24.20	
	For Tinted Glass, Add	4.54	
	For Reflective Coated Glass, Add	9.08	
	For Low-E Coated Glass, Add	7.57	
	For One Piece Heat Strengthened Glass, Add	6.05	
	For One Piece Fully Tempered Glass, Add	6.05	
	For One Piece Obscure Glass, Add	12.86	
	For Argon Gas, Add	4.16	
08 81 23 23-0070	1/2" Air Space, Insulated, Field Installed Glass (08 81 23 23-0054)		
	Note: Type I, Class I, Quality Q3.		



<b>Openings</b>	<b>08</b>	
Glazing	08 80	08
Glass Glazing	08 81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0071 SF 3/4" Thick, Insulated Field Installed Glass.....	47.64	
Note: Two 1/8" lites with 1/2" air space.		
For >50 To 200, Deduct	-0.72	
For >200 To 400, Deduct	-1.45	
For >400, Deduct	-2.17	
For Glass Removal And Preparing Opening For New Glazing, Add	23.48	
For Tinted Glass, Add	3.62	
For Reflective Coated Glass, Add	7.25	
For Low-E Coated Glass, Add	6.04	
For One Piece Heat Strengthened Glass, Add	4.83	
For One Piece Fully Tempered Glass, Add	4.83	
For One Piece Obscure Glass, Add	10.27	
For Argon Gas, Add	3.32	
08 81 23 23-0072 SF 7/8" Thick, Insulated Field Installed Glass.....	50.77	
Note: Two 3/16" lites with 1/2" air space.		
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.61	
For >400, Deduct	-2.41	
For Glass Removal And Preparing Opening For New Glazing, Add	23.97	
For Tinted Glass, Add	4.02	
For Reflective Coated Glass, Add	8.04	
For Low-E Coated Glass, Add	6.70	
For One Piece Heat Strengthened Glass, Add	5.36	
For One Piece Fully Tempered Glass, Add	5.36	
For One Piece Obscure Glass, Add	11.39	
For Argon Gas, Add	3.69	
08 81 23 23-0073 SF 7/8" Thick, Insulated Field Installed Glass.....	50.77	
Note: One 1/4" lite and one 1/8" lite with 1/2" air space.		
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.61	
For >400, Deduct	-2.41	
For Glass Removal And Preparing Opening For New Glazing, Add	23.97	
For Tinted Glass, Add	4.02	
For Reflective Coated Glass, Add	8.04	
For Low-E Coated Glass, Add	6.70	
For One Piece Heat Strengthened Glass, Add	5.36	
For One Piece Fully Tempered Glass, Add	5.36	
For One Piece Obscure Glass, Add	11.39	
For Argon Gas, Add	3.69	
08 81 23 23-0074 SF 1" Thick, Insulated Field Installed Glass.....	53.50	
Note: Two 1/4" lites with 1/2" air space.		
For >50 To 200, Deduct	-0.88	
For >200 To 400, Deduct	-1.76	
For >400, Deduct	-2.64	
For Glass Removal And Preparing Opening For New Glazing, Add	24.20	
For Tinted Glass, Add	4.40	
For Reflective Coated Glass, Add	8.79	
For Low-E Coated Glass, Add	7.33	
For One Piece Heat Strengthened Glass, Add	5.86	
For One Piece Fully Tempered Glass, Add	5.86	
For One Piece Obscure Glass, Add	12.45	
For Argon Gas, Add	4.03	
<b>08 81 23 23-0075 Laminated Insulated Glass, Field Installed Glass (08 81 23 23-0053)</b>		
08 81 23 23-0076 SF 1" Thick, Laminated Insulating Glass, Field Installed Glass.....	106.24	
Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
For >50 To 200, Deduct	-2.46	
For >200 To 400, Deduct	-4.92	
For >400, Deduct	-7.38	
For Glass Removal And Preparing Opening For New Glazing, Add	24.20	
For Tinted Glass, Add	12.31	
For Reflective Coated Glass, Add	24.61	
For Low-E Coated Glass, Add	20.51	
For Argon Gas, Add	11.28	
08 81 23 23-0077 SF 1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass.....	127.28	
Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
For >50 To 200, Deduct	-2.99	
For >200 To 400, Deduct	-5.98	
For >400, Deduct	-8.97	
For Glass Removal And Preparing Opening For New Glazing, Add	27.66	
For Tinted Glass, Add	14.94	
For Reflective Coated Glass, Add	29.89	
For Low-E Coated Glass, Add	24.91	
For Argon Gas, Add	13.70	

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 81</b>	<b>Glass Glazing</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 81 23 23-0078	SF	1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass.....	148.89	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-3.52	
		For >200 To 400, Deduct	-7.03	
		For >400, Deduct	-10.55	
		For Glass Removal And Preparing Opening For New Glazing, Add	31.69	
		For Tinted Glass, Add	17.58	
		For Reflective Coated Glass, Add	35.16	
		For Low-E Coated Glass, Add	29.30	
		For Argon Gas, Add	16.12	
08 81 23 23-0079		Spandrel Field Installed Glass (08 81 23 23)		
08 81 23 23-0080		Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass		
08 81 23 23-0081	SF	1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass .....	40.77	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
08 81 23 23-0082	SF	1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass .....	36.14	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
08 81 23 23-0083		Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 23 23-0079)		
08 81 23 23-0084		1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 23 23-0083)		
		Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0085	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass.....	45.59	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
08 81 23 23-0086	SF	1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass .....	40.35	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
08 81 23 23-0087		1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 23 23-0083)		
08 81 23 23-0088	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass .....	54.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
08 81 23 23-0089	SF	1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass .....	44.40	
		For Glass Removal And Preparing Opening For New Glazing, Add	19.21	
<b>08 83</b>		<b>Mirrors (08 80)</b>		
		Note: Kind FT, Type I, Class I, Quality Q1.		
<b>08 83 13</b>		<b>Mirrored Glass Glazing (08 83)</b>		
08 83 13 00-0001		Mirror Glass (08 83 13)		
08 83 13 00-0002		One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0003	SF	1/4" One-Way Vision Glass (Transparent Mirrors).....	89.00	8.64
		For >50 To 200, Deduct	-2.16	
		For >200 To 400, Deduct	-3.60	
		For >400, Deduct	-5.75	
08 83 13 00-0004		Tempered, One-Way Vision Glass (Transparent Mirrors) (08 83 13 00-0001)		
08 83 13 00-0005	SF	1/4" Tempered, One-Way Vision Glass (Transparent Mirrors).....	124.69	8.64
		For >50 To 200, Deduct	-3.23	
		For >200 To 400, Deduct	-5.38	
		For >400, Deduct	-8.61	
08 83 13 00-0006		Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0007	SF	1/8" Clear Mirror Glass .....	29.80	6.92
		For >50 To 200, Deduct	-0.48	
		For >200 To 400, Deduct	-0.80	
		For >400, Deduct	-1.28	
08 83 13 00-0008	SF	3/16" Clear Mirror Glass .....	35.25	8.07
		For >50 To 200, Deduct	-0.58	
		For >200 To 400, Deduct	-0.97	
		For >400, Deduct	-1.55	
08 83 13 00-0009	SF	1/4" Clear Mirror Glass .....	38.66	8.64
		For >50 To 200, Deduct	-0.65	
		For >200 To 400, Deduct	-1.08	
		For >400, Deduct	-1.73	
08 83 13 00-0010		Tempered, Clear Mirror Glass (08 83 13 00-0001)		
08 83 13 00-0011	SF	1/8" Tempered, Clear Mirror Glass .....	48.96	6.92
		For >50 To 200, Deduct	-1.05	
		For >200 To 400, Deduct	-1.76	
		For >400, Deduct	-2.81	



			<b>Openings</b>	<b>08</b>
			Glazing	08 80
			Mirrors	08 83

08

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 83 13 00-0012	SF	3/16" Tempered, Clear Mirror Glass .....		55.58	8.07
		<i>For &gt;50 To 200, Deduct</i>		-1.19	
		<i>For &gt;200 To 400, Deduct</i>		-1.98	
		<i>For &gt;400, Deduct</i>		-3.18	
08 83 13 00-0013	SF	1/4" Tempered, Clear Mirror Glass .....		61.33	8.64
		<i>For &gt;50 To 200, Deduct</i>		-1.33	
		<i>For &gt;200 To 400, Deduct</i>		-2.21	
		<i>For &gt;400, Deduct</i>		-3.54	
<b>08 83 13 00-0014</b>		<b>Clear Mirror Glass With Laminated Safety Backing</b> (08 83 13 00-0001)			
08 83 13 00-0015	SF	1/4" Clear Mirror Glass With Laminated Safety Backing .....		41.97	8.64
		<i>For &gt;50 To 200, Deduct</i>		-0.75	
		<i>For &gt;200 To 400, Deduct</i>		-1.24	
		<i>For &gt;400, Deduct</i>		-1.99	
<b>08 83 13 00-0016</b>		<b>Laminated Safety Mirror Glass</b> (08 83 13 00-0001)			
		Note: Clear glass laminated to face of mirror with PVB interlayer.			
08 83 13 00-0017	SF	1/4" Laminated Safety Mirror Glass .....		80.75	8.64
		<i>For &gt;50 To 200, Deduct</i>		-1.91	
		<i>For &gt;200 To 400, Deduct</i>		-3.18	
		<i>For &gt;400, Deduct</i>		-5.09	
<b>08 83 13 00-0018</b>		<b>Accessories For Mirror Glass</b> (08 83 13)			
08 83 13 00-0019	LF	1/8" Aluminum J-Channel For Mounting Mirror Glass .....		5.63	
08 83 13 00-0020	LF	3/16" Aluminum J-Channel For Mounting Mirror Glass .....		5.74	
08 83 13 00-0021	LF	1/4" Aluminum J-Channel For Mounting Mirror Glass .....		7.23	
08 83 13 00-0022	LF	Aluminum Frame For Mounting Mirror Glass .....		9.31	
<b>08 84</b>		<b>Plastic Glazing</b> (08 80)			
<b>08 84 00 00-0001</b>		<b>Clear Polycarbonate Glazing (GE Lexan)</b> (08 84)			
		See CSI section 08 88 53 00-0026 for security rated polycarbonate glazing.			
08 84 00 00-0002	SF	1/8" Thick, Clear Polycarbonate Glazing (GE Lexan) .....		19.88	
		<i>For &gt;50 To 200, Deduct</i>		-0.45	
		<i>For &gt;200 To 400, Deduct</i>		-0.90	
		<i>For &gt;400, Deduct</i>		-1.35	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		10.87	
08 84 00 00-0003	SF	3/16" Thick, Clear Polycarbonate Glazing (GE Lexan) .....		20.95	
		<i>For &gt;50 To 200, Deduct</i>		-0.48	
		<i>For &gt;200 To 400, Deduct</i>		-0.97	
		<i>For &gt;400, Deduct</i>		-1.45	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		11.30	
08 84 00 00-0004	SF	1/4" Thick, Clear Polycarbonate Glazing (GE Lexan) .....		24.83	
		<i>For &gt;50 To 200, Deduct</i>		-0.65	
		<i>For &gt;200 To 400, Deduct</i>		-1.31	
		<i>For &gt;400, Deduct</i>		-1.96	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		11.75	
08 84 00 00-0005	SF	3/8" Thick, Clear Polycarbonate Glazing (GE Lexan) .....		35.58	
		<i>For &gt;50 To 200, Deduct</i>		-1.18	
		<i>For &gt;200 To 400, Deduct</i>		-2.35	
		<i>For &gt;400, Deduct</i>		-3.53	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		12.08	
08 84 00 00-0006	SF	1/2" Thick, Clear Polycarbonate Glazing (GE Lexan) .....		44.89	
		<i>For &gt;50 To 200, Deduct</i>		-1.60	
		<i>For &gt;200 To 400, Deduct</i>		-3.19	
		<i>For &gt;400, Deduct</i>		-4.79	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		12.96	
<b>08 84 00 00-0007</b>		<b>Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)</b> (08 84)			
08 84 00 00-0008	SF	1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....		29.40	
		<i>For &gt;50 To 200, Deduct</i>		-0.93	
		<i>For &gt;200 To 400, Deduct</i>		-1.85	
		<i>For &gt;400, Deduct</i>		-2.78	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		10.87	
08 84 00 00-0009	SF	3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....		34.10	
		<i>For &gt;50 To 200, Deduct</i>		-1.14	
		<i>For &gt;200 To 400, Deduct</i>		-2.28	
		<i>For &gt;400, Deduct</i>		-3.42	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		11.30	
08 84 00 00-0010	SF	1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....		36.01	
		<i>For &gt;50 To 200, Deduct</i>		-1.21	
		<i>For &gt;200 To 400, Deduct</i>		-2.43	
		<i>For &gt;400, Deduct</i>		-3.64	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		11.75	
08 84 00 00-0011	SF	3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....		58.95	
		<i>For &gt;50 To 200, Deduct</i>		-2.34	
		<i>For &gt;200 To 400, Deduct</i>		-4.69	
		<i>For &gt;400, Deduct</i>		-7.03	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		12.08	



<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 84</b>	<b>Plastic Glazing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0012 SF 1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) .....	62.64	
For >50 To 200, Deduct	-2.48	
For >200 To 400, Deduct	-4.97	
For >400, Deduct	-7.45	
For Glass Removal And Preparing Opening For New Glazing, Add	12.96	
<b>08 84 00 00-0013 Clear Acrylic Glazing (Plexiglas) <sup>(08 84)</sup></b>		
08 84 00 00-0014 SF 1/10" Thick, Clear Acrylic Glazing (Plexiglas) .....	14.22	
For >50 To 200, Deduct	-0.19	
For >200 To 400, Deduct	-0.38	
For >400, Deduct	-0.58	
For Glass Removal And Preparing Opening For New Glazing, Add	10.38	
For Colored, Add	0.77	
For Shatterproof, Add	2.30	
For Mirrored, Add	3.07	
08 84 00 00-0015 SF 1/8" Thick, Clear Acrylic Glazing (Plexiglas) .....	14.76	
For >50 To 200, Deduct	-0.19	
For >200 To 400, Deduct	-0.39	
For >400, Deduct	-0.58	
For Glass Removal And Preparing Opening For New Glazing, Add	10.87	
For Colored, Add	0.78	
For Shatterproof, Add	2.33	
For Mirrored, Add	3.11	
08 84 00 00-0016 SF 3/16" Thick, Clear Acrylic Glazing (Plexiglas) .....	17.37	
For >50 To 200, Deduct	-0.30	
For >200 To 400, Deduct	-0.61	
For >400, Deduct	-0.91	
For Glass Removal And Preparing Opening For New Glazing, Add	11.30	
For Colored, Add	1.21	
For Shatterproof, Add	3.64	
For Mirrored, Add	4.86	
08 84 00 00-0017 SF 1/4" Thick, Clear Acrylic Glazing (Plexiglas) .....	19.75	
For >50 To 200, Deduct	-0.40	
For >200 To 400, Deduct	-0.80	
For >400, Deduct	-1.20	
For Glass Removal And Preparing Opening For New Glazing, Add	11.75	
For Colored, Add	1.60	
For Shatterproof, Add	4.80	
For Mirrored, Add	6.40	
08 84 00 00-0018 SF 5/16" Thick, Clear Acrylic Glazing (Plexiglas) .....	20.19	
For >50 To 200, Deduct	-0.42	
For >200 To 400, Deduct	-0.84	
For >400, Deduct	-1.26	
For Glass Removal And Preparing Opening For New Glazing, Add	11.81	
For Colored, Add	1.68	
For Shatterproof, Add	5.03	
For Mirrored, Add	6.70	
08 84 00 00-0019 SF 3/8" Thick, Clear Acrylic Glazing (Plexiglas) .....	20.84	
For >50 To 200, Deduct	-0.44	
For >200 To 400, Deduct	-0.88	
For >400, Deduct	-1.31	
For Glass Removal And Preparing Opening For New Glazing, Add	12.08	
For Colored, Add	1.75	
For Shatterproof, Add	5.26	
For Mirrored, Add	7.01	
08 84 00 00-0020 SF 1/2" Thick, Clear Acrylic Glazing (Plexiglas) .....	24.54	
For >50 To 200, Deduct	-0.58	
For >200 To 400, Deduct	-1.16	
For >400, Deduct	-1.74	
For Glass Removal And Preparing Opening For New Glazing, Add	12.96	
For Colored, Add	2.32	
For Shatterproof, Add	6.95	
For Mirrored, Add	9.26	
08 84 00 00-0021 SF 3/4" Thick, Clear Acrylic Glazing (Plexiglas) .....	34.44	
For >50 To 200, Deduct	-0.90	
For >200 To 400, Deduct	-1.80	
For >400, Deduct	-2.71	
For Glass Removal And Preparing Opening For New Glazing, Add	16.40	
08 84 00 00-0022 SF 1" Thick, Clear Acrylic Glazing (Plexiglas) .....	45.57	
For >50 To 200, Deduct	-1.39	
For >200 To 400, Deduct	-2.78	
For >400, Deduct	-4.16	
For Glass Removal And Preparing Opening For New Glazing, Add	17.82	

**08 87 Glazing Surface Films <sup>(08 80)</sup>**

**08 87 13 Solar Control Films <sup>(08 87)</sup>**

Note: Applied directly to one side of glazing with adhesive.

**08 87 13 00-0001 Window Tinting And Film <sup>(08 87 13)</sup>**

Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.

08 87 13 00-0002 SF 20% VLT, Bronze Window Tinting Film.....	11.09
08 87 13 00-0003 SF 50% VLT, Bronze Window Tinting Film.....	11.09



		<b>Openings</b>	<b>08</b>
		Glazing	08 80
		Glazing Surface Films	08 87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

08 87 13 00-0004	SF		Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	17.33	
08 87 13 00-0005	SF		Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	17.97	

**08 87 23 Safety and Security Films (08 87)**

**08 87 23 16 Security Films (08 87 23)**

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

**08 87 23 16-0001 High Performance, Security And Safety Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

**08 87 23 16-0002 Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)**

08 87 23 16-0003	SF	0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	17.63	
		For >1,000 To 5,000, Deduct	-0.80	
		For >5,000, Deduct	-1.16	
08 87 23 16-0004	SF	0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	18.84	
		For >1,000 To 5,000, Deduct	-0.84	
		For >5,000, Deduct	-1.28	
08 87 23 16-0005	SF	0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	20.54	
		For >1,000 To 5,000, Deduct	-0.91	
		For >5,000, Deduct	-1.45	

**08 87 23 16-0006 Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87 23 16-0001)**

08 87 23 16-0007	SF	0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	20.19	
		For >1,000 To 5,000, Deduct	-0.89	
		For >5,000, Deduct	-1.42	
08 87 23 16-0008	SF	0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	20.19	
		For >1,000 To 5,000, Deduct	-0.89	
		For >5,000, Deduct	-1.42	
08 87 23 16-0009	SF	0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	20.19	
		For >1,000 To 5,000, Deduct	-0.89	
		For >5,000, Deduct	-1.42	

**08 87 23 16-0010 Security And Safety Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0011	SF	0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	16.28	
		For >1,000 To 5,000, Deduct	-0.75	
		For >5,000, Deduct	-1.03	
08 87 23 16-0012	SF	0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	16.60	
		For >1,000 To 5,000, Deduct	-0.76	
		For >5,000, Deduct	-1.06	
08 87 23 16-0013	SF	0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	19.67	
		For >1,000 To 5,000, Deduct	-0.87	
		For >5,000, Deduct	-1.37	

**08 87 23 16-0014 Anti-Graffiti Glazing Films (08 87 23 16)**

Note: Includes cleaning of window glazing prior to installation.

08 87 23 16-0015	SF	0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	16.28	
		For >1,000 To 5,000, Deduct	-0.75	
		For >5,000, Deduct	-1.03	
08 87 23 16-0016	SF	0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	16.60	
		For >1,000 To 5,000, Deduct	-0.76	
		For >5,000, Deduct	-1.06	

**08 88 Special Function Glazing (08 80)**

**08 88 53 Security Glazing (08 88)**

**08 88 53 00-0001 Forced Entry And/or Ballistic Resistant All Glass Laminate (08 88 53)**

**08 88 53 00-0002 Ballistic Resistant Glass (08 88 53 00-0001)**

08 88 53 00-0003	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, Up To 15 SF.....	145.66	
		For Glass Removal And Preparing Opening For New Glazing, Add	71.44	
08 88 53 00-0004	SF	1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 Lb./SF, For A Single Piece, > 15 SF.....	170.81	
		For Glass Removal And Preparing Opening For New Glazing, Add	71.44	
08 88 53 00-0005	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, Up To 15 SF.....	193.73	
		For Glass Removal And Preparing Opening For New Glazing, Add	80.67	
08 88 53 00-0006	SF	1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 Lb./SF, For A Single Piece, > 15 SF.....	214.73	
		For Glass Removal And Preparing Opening For New Glazing, Add	80.67	
08 88 53 00-0007	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, Up To 15 SF.....	244.06	
		For Glass Removal And Preparing Opening For New Glazing, Add	92.18	
08 88 53 00-0008	SF	2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 Lb./SF, For A Single Piece, > 15 SF.....	260.94	
		For Glass Removal And Preparing Opening For New Glazing, Add	92.18	

**08 88 53 00-0009 Forced Entry Resistant Glass (08 88 53 00-0001)**

<b>08</b>	<b>08</b>	<b>Openings</b>
	<b>08 80</b>	<b>Glazing</b>
	<b>08 88</b>	<b>Special Function Glazing</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 88 53 00-0010	SF	5/16" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		53.60	18.00
08 88 53 00-0011	SF	1/2" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		60.83	19.21
08 88 53 00-0012	SF	11/16" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		69.35	20.58
08 88 53 00-0013	SF	7/8" Forced Entry Resistant Laminated Glass Sheet..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		83.86	22.16
<b>08 88 53 00-0014</b>		<b>Glass Clad Polycarbonate</b> <small>(08 88 53)</small>			
08 88 53 00-0015	SF	0.75" Ballistic Resistant Glass/Poly, 7.84 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		212.76	87.57
08 88 53 00-0016	SF	0.8125" Ballistic Resistant Glass/Poly, 8.99 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		237.98	101.41
08 88 53 00-0017	SF	0.9375" Ballistic Resistant Glass/Poly, 11.11 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		303.82	115.23
<b>08 88 53 00-0018</b>		<b>Ballistic Resistant Acrylic</b> <small>(08 88 53)</small>			
08 88 53 00-0019	SF	1.25" Ballistic Resistant Acrylic Glass, 7.7 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		363.96	87.57
08 88 53 00-0020	SF	1.378" Ballistic Resistant Acrylic Glass, 8.5 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		426.57	101.41
08 88 53 00-0021	SF	1.25" Ballistic Resistant Acrylic Glass, 7.5 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		570.45	115.23
<b>08 88 53 00-0022</b>		<b>Ballistic Resistant Fiberglass</b> <small>(08 88 53)</small>			
08 88 53 00-0023	SF	5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		89.96	43.79
08 88 53 00-0024	SF	3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		106.40	50.70
08 88 53 00-0025	SF	7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 Lb./SF..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		120.70	57.62
<b>08 88 53 00-0026</b>		<b>Forced Entry And/or Ballistic Resistant Polycarbonate</b> <small>(08 88 53)</small>			
<b>08 88 53 00-0027</b>		<b>Forced Entry Resistant Monolithic Polycarbonate</b> <small>(08 88 53 00-0026)</small> Note: GE-Lexan MR10.			
08 88 53 00-0028	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level 1 or ASTM F1233, Class II (Step 5). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		124.83	69.84
<b>08 88 53 00-0029</b>		<b>Forced Entry Resistant Glass Clad Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.			
08 88 53 00-0030	SF	9/16" Overall Nominal Thickness, H.P. White TP-0500.01..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		154.33	86.43
<b>08 88 53 00-0031</b>		<b>Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: GE-Lexgard MPC-500.			
08 88 53 00-0032	SF	1/2" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		190.18	92.18
<b>08 88 53 00-0033</b>		<b>Fire Resistant, Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.			
08 88 53 00-0034	SF	7/8" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: UL-9 Fire Resistant. <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		208.55	97.95
<b>08 88 53 00-0035</b>		<b>Insulated, Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small> Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.			
08 88 53 00-0036	SF	1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01..... Note: Level I (1/4" tempered float glass, 1/2" airspace). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		178.60	86.43
<b>08 88 53 00-0037</b>		<b>Ballistic And Forced Entry Resistant Polycarbonate Laminate</b> <small>(08 88 53 00-0026)</small>			
08 88 53 00-0038	SF	1" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>		412.32	191.28



<b>Openings</b>	<b>08</b>	<b>08</b>
Glazing	08 80	
Special Function Glazing	08 88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0039 SF 1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	417.55  191.28	
<b>08 88 53 00-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate</b> (08 88 53 00-0026) Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041 SF 1-5/16" Overall Nominal Thickness, Ballistic Resistant..... Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	274.38  129.06	

## 08 90 Louvers and Vents (08)

### 08 91 Louvers (08 90)

#### 08 91 13 Motorized Wall Louvers (08 91)

08 91 13 00-0001 Motorized Wall Louver Actuator (08 91 13) See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002 EA 115 Volt Actuator For Adjustable Intake Louver .....	2,018.09	99.09
08 91 13 00-0003 EA 230 Volt Actuator For Adjustable Intake Louver .....	3,131.57	99.09
08 91 13 00-0004 EA 24 Volt Actuator For Adjustable Intake Louver .....	2,176.80	99.09
08 91 13 00-0005 EA 115 Volt Hazardous Location Actuator For Adjustable Intake Louver.....	8,712.63	99.09

#### 08 91 16 Operable Wall Louvers (08 91)

08 91 16 00-0001 Adjustable Intake Wall Louvers (08 91 16) See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002 EA 12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum .....	562.08	26.23
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	50.96	
<i>For Clear Lacquer Finish, Add</i>	101.92	
<i>For Baked Enamel Standard Colors, Add</i>	152.89	
<i>For Anodized Finish, Add</i>	203.85	
<i>For Kynar® Standard Colors Finish, Add</i>	280.29	
08 91 16 00-0003 EA 12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum .....	702.70	32.06
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	63.86	
<i>For Clear Lacquer Finish, Add</i>	127.72	
<i>For Baked Enamel Standard Colors, Add</i>	191.57	
<i>For Anodized Finish, Add</i>	255.43	
<i>For Kynar® Standard Colors Finish, Add</i>	351.22	
08 91 16 00-0004 EA 12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum .....	830.91	37.89
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	75.51	
<i>For Clear Lacquer Finish, Add</i>	151.03	
<i>For Baked Enamel Standard Colors, Add</i>	226.54	
<i>For Anodized Finish, Add</i>	302.06	
<i>For Kynar® Standard Colors Finish, Add</i>	415.33	
08 91 16 00-0005 EA 12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum .....	972.76	43.72
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	88.53	
<i>For Clear Lacquer Finish, Add</i>	177.07	
<i>For Baked Enamel Standard Colors, Add</i>	265.60	
<i>For Anodized Finish, Add</i>	354.13	
<i>For Kynar® Standard Colors Finish, Add</i>	486.93	
08 91 16 00-0006 EA 12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum .....	1,096.02	49.55
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	99.69	
<i>For Clear Lacquer Finish, Add</i>	199.39	
<i>For Baked Enamel Standard Colors, Add</i>	299.08	
<i>For Anodized Finish, Add</i>	398.77	
<i>For Kynar® Standard Colors Finish, Add</i>	548.31	
08 91 16 00-0007 EA 12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum .....	1,294.90	55.38
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	118.42	
<i>For Clear Lacquer Finish, Add</i>	236.83	
<i>For Baked Enamel Standard Colors, Add</i>	355.25	
<i>For Anodized Finish, Add</i>	473.66	
<i>For Kynar® Standard Colors Finish, Add</i>	651.29	
08 91 16 00-0008 EA 12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum .....	1,476.44	61.21
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	135.40	
<i>For Clear Lacquer Finish, Add</i>	270.81	
<i>For Baked Enamel Standard Colors, Add</i>	406.21	
<i>For Anodized Finish, Add</i>	541.62	
<i>For Kynar® Standard Colors Finish, Add</i>	744.72	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0009	EA		12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,639.00	69.95
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	149.91	
			<i>For Clear Lacquer Finish, Add</i>	299.82	
			<i>For Baked Enamel Standard Colors, Add</i>	449.73	
			<i>For Anodized Finish, Add</i>	599.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	824.51	
08 91 16 00-0010	EA		12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,748.62	75.77
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	159.71	
			<i>For Clear Lacquer Finish, Add</i>	319.41	
			<i>For Baked Enamel Standard Colors, Add</i>	479.12	
			<i>For Anodized Finish, Add</i>	638.83	
			<i>For Kynar® Standard Colors Finish, Add</i>	878.39	
08 91 16 00-0011	EA		12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	1,886.75	81.60
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	172.35	
			<i>For Clear Lacquer Finish, Add</i>	344.71	
			<i>For Baked Enamel Standard Colors, Add</i>	517.06	
			<i>For Anodized Finish, Add</i>	689.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	947.95	
08 91 16 00-0012	EA		12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,007.52	87.43
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	183.27	
			<i>For Clear Lacquer Finish, Add</i>	366.53	
			<i>For Baked Enamel Standard Colors, Add</i>	549.80	
			<i>For Anodized Finish, Add</i>	733.06	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,007.96	
08 91 16 00-0013	EA		12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,163.02	93.26
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	197.65	
			<i>For Clear Lacquer Finish, Add</i>	395.30	
			<i>For Baked Enamel Standard Colors, Add</i>	592.95	
			<i>For Anodized Finish, Add</i>	790.60	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,087.08	
08 91 16 00-0014	EA		12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,312.31	99.09
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	211.41	
			<i>For Clear Lacquer Finish, Add</i>	422.83	
			<i>For Baked Enamel Standard Colors, Add</i>	634.24	
			<i>For Anodized Finish, Add</i>	845.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,162.77	
08 91 16 00-0015	EA		12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,497.20	107.83
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	228.15	
			<i>For Clear Lacquer Finish, Add</i>	456.31	
			<i>For Baked Enamel Standard Colors, Add</i>	684.46	
			<i>For Anodized Finish, Add</i>	912.61	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,254.84	
08 91 16 00-0016	EA		12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	2,632.47	116.57
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	239.93	
			<i>For Clear Lacquer Finish, Add</i>	479.86	
			<i>For Baked Enamel Standard Colors, Add</i>	719.80	
			<i>For Anodized Finish, Add</i>	959.73	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,319.63	
08 91 16 00-0017	EA		18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	629.54	32.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	56.54	
			<i>For Clear Lacquer Finish, Add</i>	113.08	
			<i>For Baked Enamel Standard Colors, Add</i>	169.63	
			<i>For Anodized Finish, Add</i>	226.17	
			<i>For Kynar® Standard Colors Finish, Add</i>	310.98	
08 91 16 00-0018	EA		18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	794.58	40.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	71.30	
			<i>For Clear Lacquer Finish, Add</i>	142.60	
			<i>For Baked Enamel Standard Colors, Add</i>	213.89	
			<i>For Anodized Finish, Add</i>	285.19	
			<i>For Kynar® Standard Colors Finish, Add</i>	392.14	
08 91 16 00-0019	EA		18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	932.71	46.63
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	83.95	
			<i>For Clear Lacquer Finish, Add</i>	167.89	
			<i>For Baked Enamel Standard Colors, Add</i>	251.84	
			<i>For Anodized Finish, Add</i>	335.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	461.70	
08 91 16 00-0020	EA		18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,160.62	58.29
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	104.41	
			<i>For Clear Lacquer Finish, Add</i>	208.81	
			<i>For Baked Enamel Standard Colors, Add</i>	313.22	
			<i>For Anodized Finish, Add</i>	417.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	574.23	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	16 00-0021	EA	18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,321.07	64.12
				<i>For Flange Frame, Add</i>	119.28	
				<i>For Clear Lacquer Finish, Add</i>	238.57	
				<i>For Baked Enamel Standard Colors, Add</i>	357.85	
				<i>For Anodized Finish, Add</i>	477.14	
				<i>For Kynar® Standard Colors Finish, Add</i>	656.06	
	08 91	16 00-0022	EA	18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,481.53	69.95
				<i>For Flange Frame, Add</i>	134.16	
				<i>For Clear Lacquer Finish, Add</i>	268.33	
				<i>For Baked Enamel Standard Colors, Add</i>	402.49	
				<i>For Anodized Finish, Add</i>	536.66	
				<i>For Kynar® Standard Colors Finish, Add</i>	737.90	
	08 91	16 00-0023	EA	18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,674.22	75.77
				<i>For Flange Frame, Add</i>	152.27	
				<i>For Clear Lacquer Finish, Add</i>	304.53	
				<i>For Baked Enamel Standard Colors, Add</i>	456.80	
				<i>For Anodized Finish, Add</i>	609.07	
				<i>For Kynar® Standard Colors Finish, Add</i>	837.47	
	08 91	16 00-0024	EA	18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,856.62	84.51
				<i>For Flange Frame, Add</i>	168.76	
				<i>For Clear Lacquer Finish, Add</i>	337.52	
				<i>For Baked Enamel Standard Colors, Add</i>	506.28	
				<i>For Anodized Finish, Add</i>	675.04	
				<i>For Kynar® Standard Colors Finish, Add</i>	928.17	
	08 91	16 00-0025	EA	18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,001.82	93.26
				<i>For Flange Frame, Add</i>	181.53	
				<i>For Clear Lacquer Finish, Add</i>	363.06	
				<i>For Baked Enamel Standard Colors, Add</i>	544.59	
				<i>For Anodized Finish, Add</i>	726.12	
				<i>For Kynar® Standard Colors Finish, Add</i>	998.42	
	08 91	16 00-0026	EA	18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,142.44	99.09
				<i>For Flange Frame, Add</i>	194.43	
				<i>For Clear Lacquer Finish, Add</i>	388.85	
				<i>For Baked Enamel Standard Colors, Add</i>	583.28	
				<i>For Anodized Finish, Add</i>	777.70	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,069.34	
	08 91	16 00-0027	EA	18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,274.37	104.91
				<i>For Flange Frame, Add</i>	206.45	
				<i>For Clear Lacquer Finish, Add</i>	412.91	
				<i>For Baked Enamel Standard Colors, Add</i>	619.36	
				<i>For Anodized Finish, Add</i>	825.81	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,135.49	
	08 91	16 00-0028	EA	18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,445.99	110.74
				<i>For Flange Frame, Add</i>	222.45	
				<i>For Clear Lacquer Finish, Add</i>	444.90	
				<i>For Baked Enamel Standard Colors, Add</i>	667.35	
				<i>For Anodized Finish, Add</i>	889.80	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,223.47	
	08 91	16 00-0029	EA	18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,611.39	116.57
				<i>For Flange Frame, Add</i>	237.82	
				<i>For Clear Lacquer Finish, Add</i>	475.65	
				<i>For Baked Enamel Standard Colors, Add</i>	713.47	
				<i>For Anodized Finish, Add</i>	951.30	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,308.03	
	08 91	16 00-0030	EA	18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,812.39	125.32
				<i>For Flange Frame, Add</i>	256.18	
				<i>For Clear Lacquer Finish, Add</i>	512.35	
				<i>For Baked Enamel Standard Colors, Add</i>	768.53	
				<i>For Anodized Finish, Add</i>	1,024.70	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,408.97	
	08 91	16 00-0031	EA	18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,963.79	134.06
				<i>For Flange Frame, Add</i>	269.57	
				<i>For Clear Lacquer Finish, Add</i>	539.13	
				<i>For Baked Enamel Standard Colors, Add</i>	808.70	
				<i>For Anodized Finish, Add</i>	1,078.27	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,482.62	
	08 91	16 00-0032	EA	24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	703.19	37.89
				<i>For Flange Frame, Add</i>	62.74	
				<i>For Clear Lacquer Finish, Add</i>	125.48	
				<i>For Baked Enamel Standard Colors, Add</i>	188.23	
				<i>For Anodized Finish, Add</i>	250.97	
				<i>For Kynar® Standard Colors Finish, Add</i>	345.08	



**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0033	EA		24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	893.03	46.63
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	79.98	
			<i>For Clear Lacquer Finish, Add</i>	159.95	
			<i>For Baked Enamel Standard Colors, Add</i>	239.93	
			<i>For Anodized Finish, Add</i>	319.91	
			<i>For Kynar® Standard Colors Finish, Add</i>	439.87	
08 91 16 00-0034	EA		24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,107.67	55.38
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	99.69	
			<i>For Clear Lacquer Finish, Add</i>	199.39	
			<i>For Baked Enamel Standard Colors, Add</i>	299.08	
			<i>For Anodized Finish, Add</i>	398.77	
			<i>For Kynar® Standard Colors Finish, Add</i>	548.31	
08 91 16 00-0035	EA		24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,305.82	67.04
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	117.18	
			<i>For Clear Lacquer Finish, Add</i>	234.35	
			<i>For Baked Enamel Standard Colors, Add</i>	351.53	
			<i>For Anodized Finish, Add</i>	468.70	
			<i>For Kynar® Standard Colors Finish, Add</i>	644.47	
08 91 16 00-0036	EA		24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,482.40	72.86
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	133.67	
			<i>For Clear Lacquer Finish, Add</i>	267.34	
			<i>For Baked Enamel Standard Colors, Add</i>	401.00	
			<i>For Anodized Finish, Add</i>	534.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	735.17	
08 91 16 00-0037	EA		24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,668.89	78.68
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	151.15	
			<i>For Clear Lacquer Finish, Add</i>	302.30	
			<i>For Baked Enamel Standard Colors, Add</i>	453.45	
			<i>For Anodized Finish, Add</i>	604.60	
			<i>For Kynar® Standard Colors Finish, Add</i>	831.33	
08 91 16 00-0038	EA		24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,898.40	87.43
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	172.35	
			<i>For Clear Lacquer Finish, Add</i>	344.71	
			<i>For Baked Enamel Standard Colors, Add</i>	517.06	
			<i>For Anodized Finish, Add</i>	689.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	947.95	
08 91 16 00-0039	EA		24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,090.36	99.09
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	189.22	
			<i>For Clear Lacquer Finish, Add</i>	378.44	
			<i>For Baked Enamel Standard Colors, Add</i>	567.65	
			<i>For Anodized Finish, Add</i>	756.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,040.70	
08 91 16 00-0040	EA		24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,240.89	104.91
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	203.11	
			<i>For Clear Lacquer Finish, Add</i>	406.21	
			<i>For Baked Enamel Standard Colors, Add</i>	609.32	
			<i>For Anodized Finish, Add</i>	812.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,117.08	
08 91 16 00-0041	EA		24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,403.08	116.57
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	216.99	
			<i>For Clear Lacquer Finish, Add</i>	433.99	
			<i>For Baked Enamel Standard Colors, Add</i>	650.98	
			<i>For Anodized Finish, Add</i>	867.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,193.46	
08 91 16 00-0042	EA		24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,556.09	122.40
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	231.13	
			<i>For Clear Lacquer Finish, Add</i>	462.26	
			<i>For Baked Enamel Standard Colors, Add</i>	693.39	
			<i>For Anodized Finish, Add</i>	924.52	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,271.21	
08 91 16 00-0043	EA		24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,764.90	128.23
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	250.84	
			<i>For Clear Lacquer Finish, Add</i>	501.69	
			<i>For Baked Enamel Standard Colors, Add</i>	752.53	
			<i>For Anodized Finish, Add</i>	1,003.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,379.64	
08 91 16 00-0044	EA		24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,941.47	134.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	267.34	
			<i>For Clear Lacquer Finish, Add</i>	534.67	
			<i>For Baked Enamel Standard Colors, Add</i>	802.01	
			<i>For Anodized Finish, Add</i>	1,069.34	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,470.34	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,163.56	142.80
				<i>For Flange Frame, Add</i>	287.80	
				<i>For Clear Lacquer Finish, Add</i>	575.59	
				<i>For Baked Enamel Standard Colors, Add</i>	863.39	
				<i>For Anodized Finish, Add</i>	1,151.18	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,582.87	
	08 91	16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,326.11	151.55
				<i>For Flange Frame, Add</i>	302.30	
				<i>For Clear Lacquer Finish, Add</i>	604.60	
				<i>For Baked Enamel Standard Colors, Add</i>	906.91	
				<i>For Anodized Finish, Add</i>	1,209.21	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,662.66	
	08 91	16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	783.05	43.72
				<i>For Flange Frame, Add</i>	69.56	
				<i>For Clear Lacquer Finish, Add</i>	139.12	
				<i>For Baked Enamel Standard Colors, Add</i>	208.69	
				<i>For Anodized Finish, Add</i>	278.25	
				<i>For Kynar® Standard Colors Finish, Add</i>	382.59	
	08 91	16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,042.82	58.29
				<i>For Flange Frame, Add</i>	92.63	
				<i>For Clear Lacquer Finish, Add</i>	185.25	
				<i>For Baked Enamel Standard Colors, Add</i>	277.88	
				<i>For Anodized Finish, Add</i>	370.50	
				<i>For Kynar® Standard Colors Finish, Add</i>	509.44	
	08 91	16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,238.86	67.04
				<i>For Flange Frame, Add</i>	110.48	
				<i>For Clear Lacquer Finish, Add</i>	220.96	
				<i>For Baked Enamel Standard Colors, Add</i>	331.44	
				<i>For Anodized Finish, Add</i>	441.92	
				<i>For Kynar® Standard Colors Finish, Add</i>	607.64	
	08 91	16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,453.51	75.77
				<i>For Flange Frame, Add</i>	130.20	
				<i>For Clear Lacquer Finish, Add</i>	260.39	
				<i>For Baked Enamel Standard Colors, Add</i>	390.59	
				<i>For Anodized Finish, Add</i>	520.78	
				<i>For Kynar® Standard Colors Finish, Add</i>	716.08	
	08 91	16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,646.20	81.60
				<i>For Flange Frame, Add</i>	148.30	
				<i>For Clear Lacquer Finish, Add</i>	296.60	
				<i>For Baked Enamel Standard Colors, Add</i>	444.90	
				<i>For Anodized Finish, Add</i>	593.20	
				<i>For Kynar® Standard Colors Finish, Add</i>	815.64	
	08 91	16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,844.72	90.34
				<i>For Flange Frame, Add</i>	166.40	
				<i>For Clear Lacquer Finish, Add</i>	332.81	
				<i>For Baked Enamel Standard Colors, Add</i>	499.21	
				<i>For Anodized Finish, Add</i>	665.61	
				<i>For Kynar® Standard Colors Finish, Add</i>	915.22	
	08 91	16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,084.53	96.17
				<i>For Flange Frame, Add</i>	189.22	
				<i>For Clear Lacquer Finish, Add</i>	378.44	
				<i>For Baked Enamel Standard Colors, Add</i>	567.65	
				<i>For Anodized Finish, Add</i>	756.87	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,040.70	
	08 91	16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,288.01	104.91
				<i>For Flange Frame, Add</i>	207.82	
				<i>For Clear Lacquer Finish, Add</i>	415.63	
				<i>For Baked Enamel Standard Colors, Add</i>	623.45	
				<i>For Anodized Finish, Add</i>	831.27	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,142.99	
	08 91	16 00-0055	EA	30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,455.91	110.74
				<i>For Flange Frame, Add</i>	223.44	
				<i>For Clear Lacquer Finish, Add</i>	446.88	
				<i>For Baked Enamel Standard Colors, Add</i>	670.32	
				<i>For Anodized Finish, Add</i>	893.76	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,228.93	
	08 91	16 00-0056	EA	30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,637.92	122.40
				<i>For Flange Frame, Add</i>	239.31	
				<i>For Clear Lacquer Finish, Add</i>	478.62	
				<i>For Baked Enamel Standard Colors, Add</i>	717.94	
				<i>For Anodized Finish, Add</i>	957.25	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,316.22	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0057	EA		30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,812.89	131.15
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	255.06	
			<i>For Clear Lacquer Finish, Add</i>	510.12	
			<i>For Baked Enamel Standard Colors, Add</i>	765.18	
			<i>For Anodized Finish, Add</i>	1,020.24	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,402.83	
08 91 16 00-0058	EA		30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,035.34	136.97
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	276.14	
			<i>For Clear Lacquer Finish, Add</i>	552.28	
			<i>For Baked Enamel Standard Colors, Add</i>	828.42	
			<i>For Anodized Finish, Add</i>	1,104.56	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,518.76	
08 91 16 00-0059	EA		30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,228.04	142.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	294.24	
			<i>For Clear Lacquer Finish, Add</i>	588.49	
			<i>For Baked Enamel Standard Colors, Add</i>	882.73	
			<i>For Anodized Finish, Add</i>	1,176.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,618.34	
08 91 16 00-0060	EA		30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,461.27	151.55
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	315.82	
			<i>For Clear Lacquer Finish, Add</i>	631.64	
			<i>For Baked Enamel Standard Colors, Add</i>	947.45	
			<i>For Anodized Finish, Add</i>	1,263.27	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,737.00	
08 91 16 00-0061	EA		30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	3,646.15	160.29
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	332.56	
			<i>For Clear Lacquer Finish, Add</i>	665.11	
			<i>For Baked Enamel Standard Colors, Add</i>	997.67	
			<i>For Anodized Finish, Add</i>	1,330.23	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,829.06	
08 91 16 00-0062	EA		36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	856.71	49.55
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	75.76	
			<i>For Clear Lacquer Finish, Add</i>	151.52	
			<i>For Baked Enamel Standard Colors, Add</i>	227.29	
			<i>For Anodized Finish, Add</i>	303.05	
			<i>For Kynar® Standard Colors Finish, Add</i>	416.69	
08 91 16 00-0063	EA		36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,161.12	64.12
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	103.29	
			<i>For Clear Lacquer Finish, Add</i>	206.58	
			<i>For Baked Enamel Standard Colors, Add</i>	309.87	
			<i>For Anodized Finish, Add</i>	413.16	
			<i>For Kynar® Standard Colors Finish, Add</i>	568.09	
08 91 16 00-0064	EA		36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,358.40	72.86
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	121.27	
			<i>For Clear Lacquer Finish, Add</i>	242.54	
			<i>For Baked Enamel Standard Colors, Add</i>	363.80	
			<i>For Anodized Finish, Add</i>	485.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	666.97	
08 91 16 00-0065	EA		36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,594.12	81.60
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	143.09	
			<i>For Clear Lacquer Finish, Add</i>	286.18	
			<i>For Baked Enamel Standard Colors, Add</i>	429.27	
			<i>For Anodized Finish, Add</i>	572.36	
			<i>For Kynar® Standard Colors Finish, Add</i>	787.00	
08 91 16 00-0066	EA		36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,812.70	88.59
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	163.55	
			<i>For Clear Lacquer Finish, Add</i>	327.10	
			<i>For Baked Enamel Standard Colors, Add</i>	490.65	
			<i>For Anodized Finish, Add</i>	654.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	899.53	
08 91 16 00-0067	EA		36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,017.57	96.17
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	182.52	
			<i>For Clear Lacquer Finish, Add</i>	365.04	
			<i>For Baked Enamel Standard Colors, Add</i>	547.57	
			<i>For Anodized Finish, Add</i>	730.09	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,003.87	
08 91 16 00-0068	EA		36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,285.90	102.00
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	208.19	
			<i>For Clear Lacquer Finish, Add</i>	416.38	
			<i>For Baked Enamel Standard Colors, Add</i>	624.57	
			<i>For Anodized Finish, Add</i>	832.76	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,145.04	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0069	EA			36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,515.43	110.74
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	229.39	
				For Clear Lacquer Finish, Add	458.79	
				For Baked Enamel Standard Colors, Add	688.18	
				For Anodized Finish, Add	917.57	
				For Kynar® Standard Colors Finish, Add	1,261.66	
08 91 16 00-0070	EA			36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,701.53	119.49
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	246.26	
				For Clear Lacquer Finish, Add	492.51	
				For Baked Enamel Standard Colors, Add	738.77	
				For Anodized Finish, Add	985.02	
				For Kynar® Standard Colors Finish, Add	1,354.41	
08 91 16 00-0071	EA			36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,892.62	128.23
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	263.62	
				For Clear Lacquer Finish, Add	527.23	
				For Baked Enamel Standard Colors, Add	790.85	
				For Anodized Finish, Add	1,054.46	
				For Kynar® Standard Colors Finish, Add	1,449.89	
08 91 16 00-0072	EA			36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	3,089.90	136.97
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	281.60	
				For Clear Lacquer Finish, Add	563.19	
				For Baked Enamel Standard Colors, Add	844.79	
				For Anodized Finish, Add	1,126.38	
				For Kynar® Standard Colors Finish, Add	1,548.77	
08 91 16 00-0073	EA			36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,333.43	142.80
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	304.78	
				For Clear Lacquer Finish, Add	609.56	
				For Baked Enamel Standard Colors, Add	914.35	
				For Anodized Finish, Add	1,219.13	
				For Kynar® Standard Colors Finish, Add	1,676.30	
08 91 16 00-0074	EA			36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,541.01	148.63
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	324.37	
				For Clear Lacquer Finish, Add	648.75	
				For Baked Enamel Standard Colors, Add	973.12	
				For Anodized Finish, Add	1,297.50	
				For Kynar® Standard Colors Finish, Add	1,784.06	
08 91 16 00-0075	EA			36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,805.24	157.38
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	349.05	
				For Clear Lacquer Finish, Add	698.10	
				For Baked Enamel Standard Colors, Add	1,047.15	
				For Anodized Finish, Add	1,396.20	
				For Kynar® Standard Colors Finish, Add	1,919.77	
08 91 16 00-0076	EA			36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	4,001.28	166.12
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	366.90	
				For Clear Lacquer Finish, Add	733.81	
				For Baked Enamel Standard Colors, Add	1,100.71	
				For Anodized Finish, Add	1,467.62	
				For Kynar® Standard Colors Finish, Add	2,017.97	
08 91 16 00-0077	EA			42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	981.19	55.38
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	87.05	
				For Clear Lacquer Finish, Add	174.09	
				For Baked Enamel Standard Colors, Add	261.14	
				For Anodized Finish, Add	348.18	
				For Kynar® Standard Colors Finish, Add	478.75	
08 91 16 00-0078	EA			42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,252.13	69.95
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	111.22	
				For Clear Lacquer Finish, Add	222.45	
				For Baked Enamel Standard Colors, Add	333.67	
				For Anodized Finish, Add	444.90	
				For Kynar® Standard Colors Finish, Add	611.73	
08 91 16 00-0079	EA			42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,471.74	78.68
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	131.44	
				For Clear Lacquer Finish, Add	262.87	
				For Baked Enamel Standard Colors, Add	394.31	
				For Anodized Finish, Add	525.74	
				For Kynar® Standard Colors Finish, Add	722.90	
08 91 16 00-0080	EA			42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,721.96	90.34
				Note: Includes bird screen. Excludes actuator.		
				For Flange Frame, Add	154.13	
				For Clear Lacquer Finish, Add	308.25	
				For Baked Enamel Standard Colors, Add	462.38	
				For Anodized Finish, Add	616.51	
				For Kynar® Standard Colors Finish, Add	847.70	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0081	EA		42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,955.57	96.17
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	176.32	
			<i>For Clear Lacquer Finish, Add</i>	352.64	
			<i>For Baked Enamel Standard Colors, Add</i>	528.97	
			<i>For Anodized Finish, Add</i>	705.29	
			<i>For Kynar® Standard Colors Finish, Add</i>	969.77	
08 91 16 00-0082	EA		42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,176.79	102.00
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	197.28	
			<i>For Clear Lacquer Finish, Add</i>	394.56	
			<i>For Baked Enamel Standard Colors, Add</i>	591.83	
			<i>For Anodized Finish, Add</i>	789.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,085.03	
08 91 16 00-0083	EA		42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,468.68	107.83
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	225.30	
			<i>For Clear Lacquer Finish, Add</i>	450.60	
			<i>For Baked Enamel Standard Colors, Add</i>	675.90	
			<i>For Anodized Finish, Add</i>	901.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,239.16	
08 91 16 00-0084	EA		42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,701.91	116.57
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	246.88	
			<i>For Clear Lacquer Finish, Add</i>	493.75	
			<i>For Baked Enamel Standard Colors, Add</i>	740.63	
			<i>For Anodized Finish, Add</i>	987.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,357.82	
08 91 16 00-0085	EA		42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,911.58	125.32
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	266.10	
			<i>For Clear Lacquer Finish, Add</i>	532.19	
			<i>For Baked Enamel Standard Colors, Add</i>	798.29	
			<i>For Anodized Finish, Add</i>	1,064.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,463.52	
08 91 16 00-0086	EA		42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	3,107.63	134.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	283.95	
			<i>For Clear Lacquer Finish, Add</i>	567.90	
			<i>For Baked Enamel Standard Colors, Add</i>	851.85	
			<i>For Anodized Finish, Add</i>	1,135.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,561.73	
08 91 16 00-0087	EA		42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	3,322.27	142.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	303.67	
			<i>For Clear Lacquer Finish, Add</i>	607.33	
			<i>For Baked Enamel Standard Colors, Add</i>	911.00	
			<i>For Anodized Finish, Add</i>	1,214.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,670.16	
08 91 16 00-0088	EA		42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,584.40	148.63
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	328.71	
			<i>For Clear Lacquer Finish, Add</i>	657.43	
			<i>For Baked Enamel Standard Colors, Add</i>	986.14	
			<i>For Anodized Finish, Add</i>	1,314.85	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,807.92	
08 91 16 00-0089	EA		42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,811.81	154.46
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	350.29	
			<i>For Clear Lacquer Finish, Add</i>	700.58	
			<i>For Baked Enamel Standard Colors, Add</i>	1,050.87	
			<i>For Anodized Finish, Add</i>	1,401.16	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,926.59	
08 91 16 00-0090	EA		42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	4,108.29	163.21
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	378.19	
			<i>For Clear Lacquer Finish, Add</i>	756.38	
			<i>For Baked Enamel Standard Colors, Add</i>	1,134.56	
			<i>For Anodized Finish, Add</i>	1,512.75	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,080.03	
08 91 16 00-0091	EA		42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	4,313.01	171.95
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	396.91	
			<i>For Clear Lacquer Finish, Add</i>	793.82	
			<i>For Baked Enamel Standard Colors, Add</i>	1,190.73	
			<i>For Anodized Finish, Add</i>	1,587.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,183.01	
08 91 16 00-0092	EA		48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	1,061.05	61.21
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	93.87	
			<i>For Clear Lacquer Finish, Add</i>	187.73	
			<i>For Baked Enamel Standard Colors, Add</i>	281.60	
			<i>For Anodized Finish, Add</i>	375.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	516.26	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,349.35	75.77
				<i>For Flange Frame, Add</i>	119.78	
				<i>For Clear Lacquer Finish, Add</i>	239.56	
				<i>For Baked Enamel Standard Colors, Add</i>	359.34	
				<i>For Anodized Finish, Add</i>	479.12	
				<i>For Kynar® Standard Colors Finish, Add</i>	658.79	
	08 91	16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,598.33	87.43
				<i>For Flange Frame, Add</i>	142.35	
				<i>For Clear Lacquer Finish, Add</i>	284.69	
				<i>For Baked Enamel Standard Colors, Add</i>	427.04	
				<i>For Anodized Finish, Add</i>	569.39	
				<i>For Kynar® Standard Colors Finish, Add</i>	782.91	
	08 91	16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,856.38	96.17
				<i>For Flange Frame, Add</i>	166.40	
				<i>For Clear Lacquer Finish, Add</i>	332.81	
				<i>For Baked Enamel Standard Colors, Add</i>	499.21	
				<i>For Anodized Finish, Add</i>	665.61	
				<i>For Kynar® Standard Colors Finish, Add</i>	915.22	
	08 91	16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,114.79	102.00
				<i>For Flange Frame, Add</i>	191.08	
				<i>For Clear Lacquer Finish, Add</i>	382.16	
				<i>For Baked Enamel Standard Colors, Add</i>	573.23	
				<i>For Anodized Finish, Add</i>	764.31	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,050.93	
	08 91	16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,364.52	107.83
				<i>For Flange Frame, Add</i>	214.89	
				<i>For Clear Lacquer Finish, Add</i>	429.77	
				<i>For Baked Enamel Standard Colors, Add</i>	644.66	
				<i>For Anodized Finish, Add</i>	859.54	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,181.87	
	08 91	16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,674.63	116.57
				<i>For Flange Frame, Add</i>	244.15	
				<i>For Clear Lacquer Finish, Add</i>	488.30	
				<i>For Baked Enamel Standard Colors, Add</i>	732.44	
				<i>For Anodized Finish, Add</i>	976.59	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,342.81	
	08 91	16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,930.18	125.32
				<i>For Flange Frame, Add</i>	267.96	
				<i>For Clear Lacquer Finish, Add</i>	535.91	
				<i>For Baked Enamel Standard Colors, Add</i>	803.87	
				<i>For Anodized Finish, Add</i>	1,071.82	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,473.75	
	08 91	16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,151.03	134.06
				<i>For Flange Frame, Add</i>	288.29	
				<i>For Clear Lacquer Finish, Add</i>	576.58	
				<i>For Baked Enamel Standard Colors, Add</i>	864.87	
				<i>For Anodized Finish, Add</i>	1,153.16	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,585.60	
	08 91	16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,375.59	142.80
				<i>For Flange Frame, Add</i>	309.00	
				<i>For Clear Lacquer Finish, Add</i>	618.00	
				<i>For Baked Enamel Standard Colors, Add</i>	926.99	
				<i>For Anodized Finish, Add</i>	1,235.99	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,699.49	
	08 91	16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,595.18	151.55
				<i>For Flange Frame, Add</i>	329.21	
				<i>For Clear Lacquer Finish, Add</i>	658.42	
				<i>For Baked Enamel Standard Colors, Add</i>	987.63	
				<i>For Anodized Finish, Add</i>	1,316.84	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,810.65	
	08 91	16 00-0103	EA	48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,892.03	157.38
				<i>For Flange Frame, Add</i>	357.73	
				<i>For Clear Lacquer Finish, Add</i>	715.46	
				<i>For Baked Enamel Standard Colors, Add</i>	1,073.18	
				<i>For Anodized Finish, Add</i>	1,430.91	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,967.50	
	08 91	16 00-0104	EA	48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	4,138.05	163.21
				<i>For Flange Frame, Add</i>	381.16	
				<i>For Clear Lacquer Finish, Add</i>	762.33	
				<i>For Baked Enamel Standard Colors, Add</i>	1,143.49	
				<i>For Anodized Finish, Add</i>	1,524.66	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,096.40	



**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0105	EA		48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	4,442.34	169.03
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	410.43	
			<i>For Clear Lacquer Finish, Add</i>	820.85	
			<i>For Baked Enamel Standard Colors, Add</i>	1,231.28	
			<i>For Anodized Finish, Add</i>	1,641.71	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,257.35	
08 91 16 00-0106	EA		48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	4,668.14	177.78
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	431.26	
			<i>For Clear Lacquer Finish, Add</i>	862.52	
			<i>For Baked Enamel Standard Colors, Add</i>	1,293.77	
			<i>For Anodized Finish, Add</i>	1,725.03	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,371.92	
08 91 16 00-0107	EA		54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	1,232.29	69.95
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	109.24	
			<i>For Clear Lacquer Finish, Add</i>	218.48	
			<i>For Baked Enamel Standard Colors, Add</i>	327.72	
			<i>For Anodized Finish, Add</i>	436.96	
			<i>For Kynar® Standard Colors Finish, Add</i>	600.82	
08 91 16 00-0108	EA		54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,582.58	84.51
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	141.36	
			<i>For Clear Lacquer Finish, Add</i>	282.71	
			<i>For Baked Enamel Standard Colors, Add</i>	424.07	
			<i>For Anodized Finish, Add</i>	565.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	777.45	
08 91 16 00-0109	EA		54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	1,854.77	99.09
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	165.66	
			<i>For Clear Lacquer Finish, Add</i>	331.32	
			<i>For Baked Enamel Standard Colors, Add</i>	496.98	
			<i>For Anodized Finish, Add</i>	662.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	911.12	
08 91 16 00-0110	EA		54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	2,135.50	104.91
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	192.57	
			<i>For Clear Lacquer Finish, Add</i>	385.13	
			<i>For Baked Enamel Standard Colors, Add</i>	577.70	
			<i>For Anodized Finish, Add</i>	770.26	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,059.11	
08 91 16 00-0111	EA		54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	2,441.03	110.74
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	221.95	
			<i>For Clear Lacquer Finish, Add</i>	443.91	
			<i>For Baked Enamel Standard Colors, Add</i>	665.86	
			<i>For Anodized Finish, Add</i>	887.81	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,220.74	
08 91 16 00-0112	EA		54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	2,714.31	116.57
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	248.12	
			<i>For Clear Lacquer Finish, Add</i>	496.23	
			<i>For Baked Enamel Standard Colors, Add</i>	744.35	
			<i>For Anodized Finish, Add</i>	992.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,364.64	
08 91 16 00-0113	EA		54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	3,075.26	125.32
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	282.46	
			<i>For Clear Lacquer Finish, Add</i>	564.93	
			<i>For Baked Enamel Standard Colors, Add</i>	847.39	
			<i>For Anodized Finish, Add</i>	1,129.85	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,553.55	
08 91 16 00-0114	EA		54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	3,426.30	134.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	315.82	
			<i>For Clear Lacquer Finish, Add</i>	631.64	
			<i>For Baked Enamel Standard Colors, Add</i>	947.45	
			<i>For Anodized Finish, Add</i>	1,263.27	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,737.00	
08 91 16 00-0115	EA		54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	3,688.06	142.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	340.25	
			<i>For Clear Lacquer Finish, Add</i>	680.49	
			<i>For Baked Enamel Standard Colors, Add</i>	1,020.74	
			<i>For Anodized Finish, Add</i>	1,360.98	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,871.35	
08 91 16 00-0116	EA		54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	3,946.09	151.55
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	364.30	
			<i>For Clear Lacquer Finish, Add</i>	728.60	
			<i>For Baked Enamel Standard Colors, Add</i>	1,092.90	
			<i>For Anodized Finish, Add</i>	1,457.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,003.65	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	4,195.82	157.38
				<i>For Flange Frame, Add</i>	388.11	
				<i>For Clear Lacquer Finish, Add</i>	776.21	
				<i>For Baked Enamel Standard Colors, Add</i>	1,164.32	
				<i>For Anodized Finish, Add</i>	1,552.43	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,134.59	
	08 91	16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	4,527.39	163.21
				<i>For Flange Frame, Add</i>	420.10	
				<i>For Clear Lacquer Finish, Add</i>	840.20	
				<i>For Baked Enamel Standard Colors, Add</i>	1,260.29	
				<i>For Anodized Finish, Add</i>	1,680.39	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,310.54	
	08 91	16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	4,803.17	169.03
				<i>For Flange Frame, Add</i>	446.51	
				<i>For Clear Lacquer Finish, Add</i>	893.02	
				<i>For Baked Enamel Standard Colors, Add</i>	1,339.53	
				<i>For Anodized Finish, Add</i>	1,786.04	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,455.81	
	08 91	16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	5,159.53	174.86
				<i>For Flange Frame, Add</i>	480.98	
				<i>For Clear Lacquer Finish, Add</i>	961.96	
				<i>For Baked Enamel Standard Colors, Add</i>	1,442.94	
				<i>For Anodized Finish, Add</i>	1,923.92	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,645.39	
	08 91	16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	5,423.78	183.61
				<i>For Flange Frame, Add</i>	505.66	
				<i>For Clear Lacquer Finish, Add</i>	1,011.31	
				<i>For Baked Enamel Standard Colors, Add</i>	1,516.97	
				<i>For Anodized Finish, Add</i>	2,022.62	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,781.11	
	08 91	16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,307.19	75.77
				<i>For Flange Frame, Add</i>	115.56	
				<i>For Clear Lacquer Finish, Add</i>	231.13	
				<i>For Baked Enamel Standard Colors, Add</i>	346.69	
				<i>For Anodized Finish, Add</i>	462.26	
				<i>For Kynar® Standard Colors Finish, Add</i>	635.60	
	08 91	16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,685.63	93.26
				<i>For Flange Frame, Add</i>	149.91	
				<i>For Clear Lacquer Finish, Add</i>	299.82	
				<i>For Baked Enamel Standard Colors, Add</i>	449.73	
				<i>For Anodized Finish, Add</i>	599.64	
				<i>For Kynar® Standard Colors Finish, Add</i>	824.51	
	08 91	16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,965.62	104.91
				<i>For Flange Frame, Add</i>	175.58	
				<i>For Clear Lacquer Finish, Add</i>	351.16	
				<i>For Baked Enamel Standard Colors, Add</i>	526.73	
				<i>For Anodized Finish, Add</i>	702.31	
				<i>For Kynar® Standard Colors Finish, Add</i>	965.68	
	08 91	16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,274.87	110.74
				<i>For Flange Frame, Add</i>	205.34	
				<i>For Clear Lacquer Finish, Add</i>	410.67	
				<i>For Baked Enamel Standard Colors, Add</i>	616.01	
				<i>For Anodized Finish, Add</i>	821.35	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,129.35	
	08 91	16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,597.37	119.49
				<i>For Flange Frame, Add</i>	235.84	
				<i>For Clear Lacquer Finish, Add</i>	471.68	
				<i>For Baked Enamel Standard Colors, Add</i>	707.52	
				<i>For Anodized Finish, Add</i>	943.36	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,297.12	
	08 91	16 00-0127	EA	60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,886.79	125.32
				<i>For Flange Frame, Add</i>	263.62	
				<i>For Clear Lacquer Finish, Add</i>	527.23	
				<i>For Baked Enamel Standard Colors, Add</i>	790.85	
				<i>For Anodized Finish, Add</i>	1,054.46	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,449.89	
	08 91	16 00-0128	EA	60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	3,273.78	134.06
				<i>For Flange Frame, Add</i>	300.57	
				<i>For Clear Lacquer Finish, Add</i>	601.13	
				<i>For Baked Enamel Standard Colors, Add</i>	901.70	
				<i>For Anodized Finish, Add</i>	1,202.26	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,653.11	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0129	EA		60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	3,634.74	142.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	334.91	
			<i>For Clear Lacquer Finish, Add</i>	669.83	
			<i>For Baked Enamel Standard Colors, Add</i>	1,004.74	
			<i>For Anodized Finish, Add</i>	1,339.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,842.02	
08 91 16 00-0130	EA		60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	3,915.09	151.55
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	361.20	
			<i>For Clear Lacquer Finish, Add</i>	722.40	
			<i>For Baked Enamel Standard Colors, Add</i>	1,083.60	
			<i>For Anodized Finish, Add</i>	1,444.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,986.60	
08 91 16 00-0131	EA		60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	4,190.50	160.29
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	386.99	
			<i>For Clear Lacquer Finish, Add</i>	773.98	
			<i>For Baked Enamel Standard Colors, Add</i>	1,160.98	
			<i>For Anodized Finish, Add</i>	1,547.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,128.46	
08 91 16 00-0132	EA		60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	4,456.35	166.12
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	412.41	
			<i>For Clear Lacquer Finish, Add</i>	824.82	
			<i>For Baked Enamel Standard Colors, Add</i>	1,237.23	
			<i>For Anodized Finish, Add</i>	1,649.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,268.26	
08 91 16 00-0133	EA		60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	4,816.44	171.95
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	447.25	
			<i>For Clear Lacquer Finish, Add</i>	894.51	
			<i>For Baked Enamel Standard Colors, Add</i>	1,341.76	
			<i>For Anodized Finish, Add</i>	1,789.02	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,459.90	
08 91 16 00-0134	EA		60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	5,105.85	177.78
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	475.03	
			<i>For Clear Lacquer Finish, Add</i>	950.06	
			<i>For Baked Enamel Standard Colors, Add</i>	1,425.09	
			<i>For Anodized Finish, Add</i>	1,900.12	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,612.66	
08 91 16 00-0135	EA		60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	5,480.82	183.61
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	511.36	
			<i>For Clear Lacquer Finish, Add</i>	1,022.72	
			<i>For Baked Enamel Standard Colors, Add</i>	1,534.08	
			<i>For Anodized Finish, Add</i>	2,045.44	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,812.48	
08 91 16 00-0136	EA		60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	5,755.33	189.44
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	537.65	
			<i>For Clear Lacquer Finish, Add</i>	1,075.29	
			<i>For Baked Enamel Standard Colors, Add</i>	1,612.94	
			<i>For Anodized Finish, Add</i>	2,150.59	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,957.06	

**08 91 16 00-0137 Adjustable Intake Wall Louvers Operators** (08 91 16)

08 91 16 00-0138	EA		5' Chain Actuator For Adjustable Intake Louver.....	326.12	29.15
08 91 16 00-0139	EA		Panel Crank For Adjustable Intake Louver.....	740.02	11.66

**08 91 19 Fixed Louvers** (08 91)**08 91 19 00-0001 Fixed Intake Wall Louvers** (08 91 19)

08 91 19 00-0002	EA		12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	426.93	26.23
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	37.45	
			<i>For Clear Lacquer Finish, Add</i>	74.89	
			<i>For Baked Enamel Standard Colors, Add</i>	112.34	
			<i>For Anodized Finish, Add</i>	149.79	
			<i>For Kynar® Standard Colors Finish, Add</i>	205.96	
08 91 19 00-0003	EA		12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	506.79	32.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	44.27	
			<i>For Clear Lacquer Finish, Add</i>	88.53	
			<i>For Baked Enamel Standard Colors, Add</i>	132.80	
			<i>For Anodized Finish, Add</i>	177.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	243.47	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	587.87	37.89
				<i>For Flange Frame, Add</i>	51.21	
				<i>For Clear Lacquer Finish, Add</i>	102.42	
				<i>For Baked Enamel Standard Colors, Add</i>	153.63	
				<i>For Anodized Finish, Add</i>	204.84	
				<i>For Kynar® Standard Colors Finish, Add</i>	281.66	
	08 91	19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	690.05	43.72
				<i>For Flange Frame, Add</i>	60.26	
				<i>For Clear Lacquer Finish, Add</i>	120.52	
				<i>For Baked Enamel Standard Colors, Add</i>	180.79	
				<i>For Anodized Finish, Add</i>	241.05	
				<i>For Kynar® Standard Colors Finish, Add</i>	331.44	
	08 91	19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	776.11	49.55
				<i>For Flange Frame, Add</i>	67.70	
				<i>For Clear Lacquer Finish, Add</i>	135.40	
				<i>For Baked Enamel Standard Colors, Add</i>	203.11	
				<i>For Anodized Finish, Add</i>	270.81	
				<i>For Kynar® Standard Colors Finish, Add</i>	372.36	
	08 91	19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	916.71	55.38
				<i>For Flange Frame, Add</i>	80.60	
				<i>For Clear Lacquer Finish, Add</i>	161.19	
				<i>For Baked Enamel Standard Colors, Add</i>	241.79	
				<i>For Anodized Finish, Add</i>	322.39	
				<i>For Kynar® Standard Colors Finish, Add</i>	443.28	
	08 91	19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	992.85	61.21
				<i>For Flange Frame, Add</i>	87.05	
				<i>For Clear Lacquer Finish, Add</i>	174.09	
				<i>For Baked Enamel Standard Colors, Add</i>	261.14	
				<i>For Anodized Finish, Add</i>	348.18	
				<i>For Kynar® Standard Colors Finish, Add</i>	478.75	
	08 91	19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,109.54	69.95
				<i>For Flange Frame, Add</i>	96.97	
				<i>For Clear Lacquer Finish, Add</i>	193.93	
				<i>For Baked Enamel Standard Colors, Add</i>	290.90	
				<i>For Anodized Finish, Add</i>	387.86	
				<i>For Kynar® Standard Colors Finish, Add</i>	533.31	
	08 91	19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,179.48	75.77
				<i>For Flange Frame, Add</i>	102.79	
				<i>For Clear Lacquer Finish, Add</i>	205.59	
				<i>For Baked Enamel Standard Colors, Add</i>	308.38	
				<i>For Anodized Finish, Add</i>	411.17	
				<i>For Kynar® Standard Colors Finish, Add</i>	565.36	
	08 91	19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,275.45	81.60
				<i>For Flange Frame, Add</i>	111.22	
				<i>For Clear Lacquer Finish, Add</i>	222.45	
				<i>For Baked Enamel Standard Colors, Add</i>	333.67	
				<i>For Anodized Finish, Add</i>	444.90	
				<i>For Kynar® Standard Colors Finish, Add</i>	611.73	
	08 91	19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,359.02	87.43
				<i>For Flange Frame, Add</i>	118.42	
				<i>For Clear Lacquer Finish, Add</i>	236.83	
				<i>For Baked Enamel Standard Colors, Add</i>	355.25	
				<i>For Anodized Finish, Add</i>	473.66	
				<i>For Kynar® Standard Colors Finish, Add</i>	651.29	
	08 91	19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,458.72	93.26
				<i>For Flange Frame, Add</i>	127.22	
				<i>For Clear Lacquer Finish, Add</i>	254.44	
				<i>For Baked Enamel Standard Colors, Add</i>	381.66	
				<i>For Anodized Finish, Add</i>	508.88	
				<i>For Kynar® Standard Colors Finish, Add</i>	699.71	
	08 91	19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,552.22	99.09
				<i>For Flange Frame, Add</i>	135.40	
				<i>For Clear Lacquer Finish, Add</i>	270.81	
				<i>For Baked Enamel Standard Colors, Add</i>	406.21	
				<i>For Anodized Finish, Add</i>	541.62	
				<i>For Kynar® Standard Colors Finish, Add</i>	744.72	
	08 91	19 00-0015	EA	12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,634.18	107.83
				<i>For Flange Frame, Add</i>	141.85	
				<i>For Clear Lacquer Finish, Add</i>	283.70	
				<i>For Baked Enamel Standard Colors, Add</i>	425.55	
				<i>For Anodized Finish, Add</i>	567.40	
				<i>For Kynar® Standard Colors Finish, Add</i>	780.18	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0016	EA	12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,744.66	116.57
			<i>For Flange Frame, Add</i>	151.15	
			<i>For Clear Lacquer Finish, Add</i>	302.30	
			<i>For Baked Enamel Standard Colors, Add</i>	453.45	
			<i>For Anodized Finish, Add</i>	604.60	
			<i>For Kynar® Standard Colors Finish, Add</i>	831.33	
08 91	19 00-0017	EA	18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	495.63	32.06
			<i>For Flange Frame, Add</i>	43.15	
			<i>For Clear Lacquer Finish, Add</i>	86.30	
			<i>For Baked Enamel Standard Colors, Add</i>	129.45	
			<i>For Anodized Finish, Add</i>	172.60	
			<i>For Kynar® Standard Colors Finish, Add</i>	237.33	
08 91	19 00-0018	EA	18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	593.70	40.80
			<i>For Flange Frame, Add</i>	51.21	
			<i>For Clear Lacquer Finish, Add</i>	102.42	
			<i>For Baked Enamel Standard Colors, Add</i>	153.63	
			<i>For Anodized Finish, Add</i>	204.84	
			<i>For Kynar® Standard Colors Finish, Add</i>	281.66	
08 91	19 00-0019	EA	18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	688.44	46.63
			<i>For Flange Frame, Add</i>	59.52	
			<i>For Clear Lacquer Finish, Add</i>	119.04	
			<i>For Baked Enamel Standard Colors, Add</i>	178.55	
			<i>For Anodized Finish, Add</i>	238.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	327.35	
08 91	19 00-0020	EA	18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	863.03	58.29
			<i>For Flange Frame, Add</i>	74.65	
			<i>For Clear Lacquer Finish, Add</i>	149.29	
			<i>For Baked Enamel Standard Colors, Add</i>	223.94	
			<i>For Anodized Finish, Add</i>	298.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	410.55	
08 91	19 00-0021	EA	18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	991.24	64.12
			<i>For Flange Frame, Add</i>	86.30	
			<i>For Clear Lacquer Finish, Add</i>	172.60	
			<i>For Baked Enamel Standard Colors, Add</i>	258.90	
			<i>For Anodized Finish, Add</i>	345.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	474.66	
08 91	19 00-0022	EA	18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,104.58	69.95
			<i>For Flange Frame, Add</i>	96.47	
			<i>For Clear Lacquer Finish, Add</i>	192.94	
			<i>For Baked Enamel Standard Colors, Add</i>	289.41	
			<i>For Anodized Finish, Add</i>	385.88	
			<i>For Kynar® Standard Colors Finish, Add</i>	530.58	
08 91	19 00-0023	EA	18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,184.44	75.77
			<i>For Flange Frame, Add</i>	103.29	
			<i>For Clear Lacquer Finish, Add</i>	206.58	
			<i>For Baked Enamel Standard Colors, Add</i>	309.87	
			<i>For Anodized Finish, Add</i>	413.16	
			<i>For Kynar® Standard Colors Finish, Add</i>	568.09	
08 91	19 00-0024	EA	18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,318.47	84.51
			<i>For Flange Frame, Add</i>	114.94	
			<i>For Clear Lacquer Finish, Add</i>	229.89	
			<i>For Baked Enamel Standard Colors, Add</i>	344.83	
			<i>For Anodized Finish, Add</i>	459.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	632.19	
08 91	19 00-0025	EA	18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,411.60	93.26
			<i>For Flange Frame, Add</i>	122.51	
			<i>For Clear Lacquer Finish, Add</i>	245.02	
			<i>For Baked Enamel Standard Colors, Add</i>	367.52	
			<i>For Anodized Finish, Add</i>	490.03	
			<i>For Kynar® Standard Colors Finish, Add</i>	673.79	
08 91	19 00-0026	EA	18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,534.86	99.09
			<i>For Flange Frame, Add</i>	133.67	
			<i>For Clear Lacquer Finish, Add</i>	267.34	
			<i>For Baked Enamel Standard Colors, Add</i>	401.00	
			<i>For Anodized Finish, Add</i>	534.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	735.17	
08 91	19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,628.35	104.91
			<i>For Flange Frame, Add</i>	141.85	
			<i>For Clear Lacquer Finish, Add</i>	283.70	
			<i>For Baked Enamel Standard Colors, Add</i>	425.55	
			<i>For Anodized Finish, Add</i>	567.40	
			<i>For Kynar® Standard Colors Finish, Add</i>	780.18	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,733.01	110.74
				<i>For Flange Frame, Add</i>	151.15	
				<i>For Clear Lacquer Finish, Add</i>	302.30	
				<i>For Baked Enamel Standard Colors, Add</i>	453.45	
				<i>For Anodized Finish, Add</i>	604.60	
				<i>For Kynar® Standard Colors Finish, Add</i>	831.33	
	08 91	19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,842.62	116.57
				<i>For Flange Frame, Add</i>	160.95	
				<i>For Clear Lacquer Finish, Add</i>	321.89	
				<i>For Baked Enamel Standard Colors, Add</i>	482.84	
				<i>For Anodized Finish, Add</i>	643.79	
				<i>For Kynar® Standard Colors Finish, Add</i>	885.21	
	08 91	19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,938.22	125.32
				<i>For Flange Frame, Add</i>	168.76	
				<i>For Clear Lacquer Finish, Add</i>	337.52	
				<i>For Baked Enamel Standard Colors, Add</i>	506.28	
				<i>For Anodized Finish, Add</i>	675.04	
				<i>For Kynar® Standard Colors Finish, Add</i>	928.17	
	08 91	19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,072.26	134.06
				<i>For Flange Frame, Add</i>	180.41	
				<i>For Clear Lacquer Finish, Add</i>	360.83	
				<i>For Baked Enamel Standard Colors, Add</i>	541.24	
				<i>For Anodized Finish, Add</i>	721.66	
				<i>For Kynar® Standard Colors Finish, Add</i>	992.28	
	08 91	19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	572.99	37.89
				<i>For Flange Frame, Add</i>	49.72	
				<i>For Clear Lacquer Finish, Add</i>	99.44	
				<i>For Baked Enamel Standard Colors, Add</i>	149.17	
				<i>For Anodized Finish, Add</i>	198.89	
				<i>For Kynar® Standard Colors Finish, Add</i>	273.47	
	08 91	19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	682.24	46.63
				<i>For Flange Frame, Add</i>	58.90	
				<i>For Clear Lacquer Finish, Add</i>	117.80	
				<i>For Baked Enamel Standard Colors, Add</i>	176.69	
				<i>For Anodized Finish, Add</i>	235.59	
				<i>For Kynar® Standard Colors Finish, Add</i>	323.94	
	08 91	19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	846.04	55.38
				<i>For Flange Frame, Add</i>	73.53	
				<i>For Clear Lacquer Finish, Add</i>	147.06	
				<i>For Baked Enamel Standard Colors, Add</i>	220.59	
				<i>For Anodized Finish, Add</i>	294.12	
				<i>For Kynar® Standard Colors Finish, Add</i>	404.42	
	08 91	19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	997.07	67.04
				<i>For Flange Frame, Add</i>	86.30	
				<i>For Clear Lacquer Finish, Add</i>	172.60	
				<i>For Baked Enamel Standard Colors, Add</i>	258.90	
				<i>For Anodized Finish, Add</i>	345.20	
				<i>For Kynar® Standard Colors Finish, Add</i>	474.66	
	08 91	19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,142.65	72.86
				<i>For Flange Frame, Add</i>	99.69	
				<i>For Clear Lacquer Finish, Add</i>	199.39	
				<i>For Baked Enamel Standard Colors, Add</i>	299.08	
				<i>For Anodized Finish, Add</i>	398.77	
				<i>For Kynar® Standard Colors Finish, Add</i>	548.31	
	08 91	19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,277.06	78.68
				<i>For Flange Frame, Add</i>	111.97	
				<i>For Clear Lacquer Finish, Add</i>	223.94	
				<i>For Baked Enamel Standard Colors, Add</i>	335.90	
				<i>For Anodized Finish, Add</i>	447.87	
				<i>For Kynar® Standard Colors Finish, Add</i>	615.82	
	08 91	19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,387.54	87.43
				<i>For Flange Frame, Add</i>	121.27	
				<i>For Clear Lacquer Finish, Add</i>	242.54	
				<i>For Baked Enamel Standard Colors, Add</i>	363.80	
				<i>For Anodized Finish, Add</i>	485.07	
				<i>For Kynar® Standard Colors Finish, Add</i>	666.97	
	08 91	19 00-0039	EA	24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,534.86	99.09
				<i>For Flange Frame, Add</i>	133.67	
				<i>For Clear Lacquer Finish, Add</i>	267.34	
				<i>For Baked Enamel Standard Colors, Add</i>	401.00	
				<i>For Anodized Finish, Add</i>	534.67	
				<i>For Kynar® Standard Colors Finish, Add</i>	735.17	



## 08 Openings

## 08 90 Louvers and Vents

## 08 91 Louvers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0040	EA		24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,633.31	104.91
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	142.35	
			<i>For Clear Lacquer Finish, Add</i>	284.69	
			<i>For Baked Enamel Standard Colors, Add</i>	427.04	
			<i>For Anodized Finish, Add</i>	569.39	
			<i>For Kynar® Standard Colors Finish, Add</i>	782.91	
08 91 19 00-0041	EA		24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,794.26	116.57
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	156.11	
			<i>For Clear Lacquer Finish, Add</i>	312.22	
			<i>For Baked Enamel Standard Colors, Add</i>	468.33	
			<i>For Anodized Finish, Add</i>	624.44	
			<i>For Kynar® Standard Colors Finish, Add</i>	858.61	
08 91 19 00-0042	EA		24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,896.43	122.40
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	165.16	
			<i>For Clear Lacquer Finish, Add</i>	330.33	
			<i>For Baked Enamel Standard Colors, Add</i>	495.49	
			<i>For Anodized Finish, Add</i>	660.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	908.40	
08 91 19 00-0043	EA		24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,029.60	128.23
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	177.31	
			<i>For Clear Lacquer Finish, Add</i>	354.63	
			<i>For Baked Enamel Standard Colors, Add</i>	531.94	
			<i>For Anodized Finish, Add</i>	709.26	
			<i>For Kynar® Standard Colors Finish, Add</i>	975.23	
08 91 19 00-0044	EA		24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,160.30	134.06
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	189.22	
			<i>For Clear Lacquer Finish, Add</i>	378.44	
			<i>For Baked Enamel Standard Colors, Add</i>	567.65	
			<i>For Anodized Finish, Add</i>	756.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,040.70	
08 91 19 00-0045	EA		24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,258.39	142.80
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	197.28	
			<i>For Clear Lacquer Finish, Add</i>	394.56	
			<i>For Baked Enamel Standard Colors, Add</i>	591.83	
			<i>For Anodized Finish, Add</i>	789.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,085.03	
08 91 19 00-0046	EA		24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,422.18	151.55
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	211.91	
			<i>For Clear Lacquer Finish, Add</i>	423.82	
			<i>For Baked Enamel Standard Colors, Add</i>	635.73	
			<i>For Anodized Finish, Add</i>	847.64	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,165.50	
08 91 19 00-0047	EA		30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	641.69	43.72
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	55.43	
			<i>For Clear Lacquer Finish, Add</i>	110.85	
			<i>For Baked Enamel Standard Colors, Add</i>	166.28	
			<i>For Anodized Finish, Add</i>	221.70	
			<i>For Kynar® Standard Colors Finish, Add</i>	304.84	
08 91 19 00-0048	EA		30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	829.55	58.29
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	71.30	
			<i>For Clear Lacquer Finish, Add</i>	142.60	
			<i>For Baked Enamel Standard Colors, Add</i>	213.89	
			<i>For Anodized Finish, Add</i>	285.19	
			<i>For Kynar® Standard Colors Finish, Add</i>	392.14	
08 91 19 00-0049	EA		30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	968.55	67.04
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	83.45	
			<i>For Clear Lacquer Finish, Add</i>	166.90	
			<i>For Baked Enamel Standard Colors, Add</i>	250.35	
			<i>For Anodized Finish, Add</i>	333.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	458.97	
08 91 19 00-0050	EA		30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,131.12	75.77
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	97.96	
			<i>For Clear Lacquer Finish, Add</i>	195.91	
			<i>For Baked Enamel Standard Colors, Add</i>	293.87	
			<i>For Anodized Finish, Add</i>	391.83	
			<i>For Kynar® Standard Colors Finish, Add</i>	538.76	
08 91 19 00-0051	EA		30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,306.45	81.60
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	114.32	
			<i>For Clear Lacquer Finish, Add</i>	228.65	
			<i>For Baked Enamel Standard Colors, Add</i>	342.97	
			<i>For Anodized Finish, Add</i>	457.30	
			<i>For Kynar® Standard Colors Finish, Add</i>	628.78	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,452.89	90.34
				<i>For Flange Frame, Add</i>	127.22	
				<i>For Clear Lacquer Finish, Add</i>	254.44	
				<i>For Baked Enamel Standard Colors, Add</i>	381.66	
				<i>For Anodized Finish, Add</i>	508.88	
				<i>For Kynar® Standard Colors Finish, Add</i>	699.71	
	08 91	19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,562.51	96.17
				<i>For Flange Frame, Add</i>	137.02	
				<i>For Clear Lacquer Finish, Add</i>	274.03	
				<i>For Baked Enamel Standard Colors, Add</i>	411.05	
				<i>For Anodized Finish, Add</i>	548.06	
				<i>For Kynar® Standard Colors Finish, Add</i>	753.59	
	08 91	19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,716.39	104.91
				<i>For Flange Frame, Add</i>	150.66	
				<i>For Clear Lacquer Finish, Add</i>	301.31	
				<i>For Baked Enamel Standard Colors, Add</i>	451.97	
				<i>For Anodized Finish, Add</i>	602.62	
				<i>For Kynar® Standard Colors Finish, Add</i>	828.60	
	08 91	19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	1,839.65	110.74
				<i>For Flange Frame, Add</i>	161.82	
				<i>For Clear Lacquer Finish, Add</i>	323.63	
				<i>For Baked Enamel Standard Colors, Add</i>	485.45	
				<i>For Anodized Finish, Add</i>	647.26	
				<i>For Kynar® Standard Colors Finish, Add</i>	889.98	
	08 91	19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,026.62	122.40
				<i>For Flange Frame, Add</i>	178.18	
				<i>For Clear Lacquer Finish, Add</i>	356.36	
				<i>For Baked Enamel Standard Colors, Add</i>	534.55	
				<i>For Anodized Finish, Add</i>	712.73	
				<i>For Kynar® Standard Colors Finish, Add</i>	980.00	
	08 91	19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,145.79	131.15
				<i>For Flange Frame, Add</i>	188.35	
				<i>For Clear Lacquer Finish, Add</i>	376.70	
				<i>For Baked Enamel Standard Colors, Add</i>	565.05	
				<i>For Anodized Finish, Add</i>	753.40	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,035.93	
	08 91	19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,287.65	136.97
				<i>For Flange Frame, Add</i>	201.37	
				<i>For Clear Lacquer Finish, Add</i>	402.74	
				<i>For Baked Enamel Standard Colors, Add</i>	604.11	
				<i>For Anodized Finish, Add</i>	805.48	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,107.54	
	08 91	19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,428.26	142.80
				<i>For Flange Frame, Add</i>	214.27	
				<i>For Clear Lacquer Finish, Add</i>	428.53	
				<i>For Baked Enamel Standard Colors, Add</i>	642.80	
				<i>For Anodized Finish, Add</i>	857.06	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,178.46	
	08 91	19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,544.94	151.55
				<i>For Flange Frame, Add</i>	224.19	
				<i>For Clear Lacquer Finish, Add</i>	448.37	
				<i>For Baked Enamel Standard Colors, Add</i>	672.56	
				<i>For Anodized Finish, Add</i>	896.74	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,233.02	
	08 91	19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	2,731.06	160.29
				<i>For Flange Frame, Add</i>	241.05	
				<i>For Clear Lacquer Finish, Add</i>	482.10	
				<i>For Baked Enamel Standard Colors, Add</i>	723.14	
				<i>For Anodized Finish, Add</i>	964.19	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,325.76	
	08 91	19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	711.63	49.55
				<i>For Flange Frame, Add</i>	61.25	
				<i>For Clear Lacquer Finish, Add</i>	122.51	
				<i>For Baked Enamel Standard Colors, Add</i>	183.76	
				<i>For Anodized Finish, Add</i>	245.02	
				<i>For Kynar® Standard Colors Finish, Add</i>	336.90	
	08 91	19 00-0063	EA	36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator.	934.20	64.12
				<i>For Flange Frame, Add</i>	80.60	
				<i>For Clear Lacquer Finish, Add</i>	161.19	
				<i>For Baked Enamel Standard Colors, Add</i>	241.79	
				<i>For Anodized Finish, Add</i>	322.39	
				<i>For Kynar® Standard Colors Finish, Add</i>	443.28	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0064	EA		36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,080.65	72.86
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	93.49	
			<i>For Clear Lacquer Finish, Add</i>	186.99	
			<i>For Baked Enamel Standard Colors, Add</i>	280.48	
			<i>For Anodized Finish, Add</i>	373.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	514.21	
08 91 19 00-0065	EA		36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,255.61	81.60
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	109.24	
			<i>For Clear Lacquer Finish, Add</i>	218.48	
			<i>For Baked Enamel Standard Colors, Add</i>	327.72	
			<i>For Anodized Finish, Add</i>	436.96	
			<i>For Kynar® Standard Colors Finish, Add</i>	600.82	
08 91 19 00-0066	EA		36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,453.11	88.59
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	127.59	
			<i>For Clear Lacquer Finish, Add</i>	255.18	
			<i>For Baked Enamel Standard Colors, Add</i>	382.78	
			<i>For Anodized Finish, Add</i>	510.37	
			<i>For Kynar® Standard Colors Finish, Add</i>	701.76	
08 91 19 00-0067	EA		36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,605.90	96.17
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	141.36	
			<i>For Clear Lacquer Finish, Add</i>	282.71	
			<i>For Baked Enamel Standard Colors, Add</i>	424.07	
			<i>For Anodized Finish, Add</i>	565.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	777.45	
08 91 19 00-0068	EA		36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,737.84	102.00
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	153.38	
			<i>For Clear Lacquer Finish, Add</i>	306.77	
			<i>For Baked Enamel Standard Colors, Add</i>	460.15	
			<i>For Anodized Finish, Add</i>	613.53	
			<i>For Kynar® Standard Colors Finish, Add</i>	843.61	
08 91 19 00-0069	EA		36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,914.05	110.74
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	169.26	
			<i>For Clear Lacquer Finish, Add</i>	338.51	
			<i>For Baked Enamel Standard Colors, Add</i>	507.77	
			<i>For Anodized Finish, Add</i>	677.02	
			<i>For Kynar® Standard Colors Finish, Add</i>	930.90	
08 91 19 00-0070	EA		36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,046.83	119.49
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	180.79	
			<i>For Clear Lacquer Finish, Add</i>	361.57	
			<i>For Baked Enamel Standard Colors, Add</i>	542.36	
			<i>For Anodized Finish, Add</i>	723.14	
			<i>For Kynar® Standard Colors Finish, Add</i>	994.32	
08 91 19 00-0071	EA		36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,259.00	128.23
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	200.25	
			<i>For Clear Lacquer Finish, Add</i>	400.51	
			<i>For Baked Enamel Standard Colors, Add</i>	600.76	
			<i>For Anodized Finish, Add</i>	801.02	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,101.40	
08 91 19 00-0072	EA		36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,398.00	136.97
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	212.41	
			<i>For Clear Lacquer Finish, Add</i>	424.81	
			<i>For Baked Enamel Standard Colors, Add</i>	637.22	
			<i>For Anodized Finish, Add</i>	849.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,168.23	
08 91 19 00-0073	EA		36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,549.78	142.80
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	226.42	
			<i>For Clear Lacquer Finish, Add</i>	452.83	
			<i>For Baked Enamel Standard Colors, Add</i>	679.25	
			<i>For Anodized Finish, Add</i>	905.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,245.29	
08 91 19 00-0074	EA		36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,707.75	148.63
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	241.05	
			<i>For Clear Lacquer Finish, Add</i>	482.10	
			<i>For Baked Enamel Standard Colors, Add</i>	723.14	
			<i>For Anodized Finish, Add</i>	964.19	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,325.76	
08 91 19 00-0075	EA		36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,841.79	157.38
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	252.70	
			<i>For Clear Lacquer Finish, Add</i>	505.41	
			<i>For Baked Enamel Standard Colors, Add</i>	758.11	
			<i>For Anodized Finish, Add</i>	1,010.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,389.87	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,052.71	166.12
				<i>For Flange Frame, Add</i>	272.05	
				<i>For Clear Lacquer Finish, Add</i>	544.09	
				<i>For Baked Enamel Standard Colors, Add</i>	816.14	
				<i>For Anodized Finish, Add</i>	1,088.19	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,496.26	
	08 91	19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	828.68	55.38
				<i>For Flange Frame, Add</i>	71.79	
				<i>For Clear Lacquer Finish, Add</i>	143.59	
				<i>For Baked Enamel Standard Colors, Add</i>	215.38	
				<i>For Anodized Finish, Add</i>	287.18	
				<i>For Kynar® Standard Colors Finish, Add</i>	394.87	
	08 91	19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,015.30	69.95
				<i>For Flange Frame, Add</i>	87.54	
				<i>For Clear Lacquer Finish, Add</i>	175.08	
				<i>For Baked Enamel Standard Colors, Add</i>	262.62	
				<i>For Anodized Finish, Add</i>	350.16	
				<i>For Kynar® Standard Colors Finish, Add</i>	481.48	
	08 91	19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,177.87	78.68
				<i>For Flange Frame, Add</i>	102.05	
				<i>For Clear Lacquer Finish, Add</i>	204.10	
				<i>For Baked Enamel Standard Colors, Add</i>	306.15	
				<i>For Anodized Finish, Add</i>	408.20	
				<i>For Kynar® Standard Colors Finish, Add</i>	561.27	
	08 91	19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,378.49	90.34
				<i>For Flange Frame, Add</i>	119.78	
				<i>For Clear Lacquer Finish, Add</i>	239.56	
				<i>For Baked Enamel Standard Colors, Add</i>	359.34	
				<i>For Anodized Finish, Add</i>	479.12	
				<i>For Kynar® Standard Colors Finish, Add</i>	658.79	
	08 91	19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,593.50	96.17
				<i>For Flange Frame, Add</i>	140.12	
				<i>For Clear Lacquer Finish, Add</i>	280.23	
				<i>For Baked Enamel Standard Colors, Add</i>	420.35	
				<i>For Anodized Finish, Add</i>	560.46	
				<i>For Kynar® Standard Colors Finish, Add</i>	770.63	
	08 91	19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,765.12	102.00
				<i>For Flange Frame, Add</i>	156.11	
				<i>For Clear Lacquer Finish, Add</i>	312.22	
				<i>For Baked Enamel Standard Colors, Add</i>	468.33	
				<i>For Anodized Finish, Add</i>	624.44	
				<i>For Kynar® Standard Colors Finish, Add</i>	858.61	
	08 91	19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,913.18	107.83
				<i>For Flange Frame, Add</i>	169.75	
				<i>For Clear Lacquer Finish, Add</i>	339.50	
				<i>For Baked Enamel Standard Colors, Add</i>	509.25	
				<i>For Anodized Finish, Add</i>	679.00	
				<i>For Kynar® Standard Colors Finish, Add</i>	933.63	
	08 91	19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,089.37	116.57
				<i>For Flange Frame, Add</i>	185.62	
				<i>For Clear Lacquer Finish, Add</i>	371.24	
				<i>For Baked Enamel Standard Colors, Add</i>	556.87	
				<i>For Anodized Finish, Add</i>	742.49	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,020.92	
	08 91	19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,239.53	125.32
				<i>For Flange Frame, Add</i>	198.89	
				<i>For Clear Lacquer Finish, Add</i>	397.78	
				<i>For Baked Enamel Standard Colors, Add</i>	596.67	
				<i>For Anodized Finish, Add</i>	795.56	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,093.90	
	08 91	19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,475.25	134.06
				<i>For Flange Frame, Add</i>	220.71	
				<i>For Clear Lacquer Finish, Add</i>	441.43	
				<i>For Baked Enamel Standard Colors, Add</i>	662.14	
				<i>For Anodized Finish, Add</i>	882.85	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,213.92	
	08 91	19 00-0087	EA	42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,625.41	142.80
				<i>For Flange Frame, Add</i>	233.98	
				<i>For Clear Lacquer Finish, Add</i>	467.96	
				<i>For Baked Enamel Standard Colors, Add</i>	701.94	
				<i>For Anodized Finish, Add</i>	935.92	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,286.89	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0088	EA		42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,797.03	148.63
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	249.98	
			<i>For Clear Lacquer Finish, Add</i>	499.95	
			<i>For Baked Enamel Standard Colors, Add</i>	749.93	
			<i>For Anodized Finish, Add</i>	999.90	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,374.87	
08 91 19 00-0089	EA		42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,969.87	154.46
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	266.10	
			<i>For Clear Lacquer Finish, Add</i>	532.19	
			<i>For Baked Enamel Standard Colors, Add</i>	798.29	
			<i>For Anodized Finish, Add</i>	1,064.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,463.52	
08 91 19 00-0090	EA		42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,128.72	163.21
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	280.23	
			<i>For Clear Lacquer Finish, Add</i>	560.46	
			<i>For Baked Enamel Standard Colors, Add</i>	840.69	
			<i>For Anodized Finish, Add</i>	1,120.92	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,541.27	
08 91 19 00-0091	EA		42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,355.76	171.95
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	301.19	
			<i>For Clear Lacquer Finish, Add</i>	602.37	
			<i>For Baked Enamel Standard Colors, Add</i>	903.56	
			<i>For Anodized Finish, Add</i>	1,204.74	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,656.52	
08 91 19 00-0092	EA		48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	906.05	61.21
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	78.37	
			<i>For Clear Lacquer Finish, Add</i>	156.73	
			<i>For Baked Enamel Standard Colors, Add</i>	235.10	
			<i>For Anodized Finish, Add</i>	313.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	431.01	
08 91 19 00-0093	EA		48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,110.04	75.77
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	95.85	
			<i>For Clear Lacquer Finish, Add</i>	191.70	
			<i>For Baked Enamel Standard Colors, Add</i>	287.55	
			<i>For Anodized Finish, Add</i>	383.40	
			<i>For Kynar® Standard Colors Finish, Add</i>	527.17	
08 91 19 00-0094	EA		48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,300.74	87.43
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	112.59	
			<i>For Clear Lacquer Finish, Add</i>	225.18	
			<i>For Baked Enamel Standard Colors, Add</i>	337.76	
			<i>For Anodized Finish, Add</i>	450.35	
			<i>For Kynar® Standard Colors Finish, Add</i>	619.23	
08 91 19 00-0095	EA		48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,499.27	96.17
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	130.69	
			<i>For Clear Lacquer Finish, Add</i>	261.38	
			<i>For Baked Enamel Standard Colors, Add</i>	392.08	
			<i>For Anodized Finish, Add</i>	522.77	
			<i>For Kynar® Standard Colors Finish, Add</i>	718.81	
08 91 19 00-0096	EA		48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,745.28	102.00
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	154.13	
			<i>For Clear Lacquer Finish, Add</i>	308.25	
			<i>For Baked Enamel Standard Colors, Add</i>	462.38	
			<i>For Anodized Finish, Add</i>	616.51	
			<i>For Kynar® Standard Colors Finish, Add</i>	847.70	
08 91 19 00-0097	EA		48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,944.17	107.83
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	172.85	
			<i>For Clear Lacquer Finish, Add</i>	345.70	
			<i>For Baked Enamel Standard Colors, Add</i>	518.55	
			<i>For Anodized Finish, Add</i>	691.40	
			<i>For Kynar® Standard Colors Finish, Add</i>	950.68	
08 91 19 00-0098	EA		48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,106.73	116.57
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	187.36	
			<i>For Clear Lacquer Finish, Add</i>	374.72	
			<i>For Baked Enamel Standard Colors, Add</i>	562.07	
			<i>For Anodized Finish, Add</i>	749.43	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,030.47	
08 91 19 00-0099	EA		48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,364.76	125.32
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	211.41	
			<i>For Clear Lacquer Finish, Add</i>	422.83	
			<i>For Baked Enamel Standard Colors, Add</i>	634.24	
			<i>For Anodized Finish, Add</i>	845.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,162.77	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,475.25	134.06
				<i>For Flange Frame, Add</i>	220.71	
				<i>For Clear Lacquer Finish, Add</i>	441.43	
				<i>For Baked Enamel Standard Colors, Add</i>	662.14	
				<i>For Anodized Finish, Add</i>	882.85	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,213.92	
	08 91	19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,727.09	142.80
				<i>For Flange Frame, Add</i>	244.15	
				<i>For Clear Lacquer Finish, Add</i>	488.30	
				<i>For Baked Enamel Standard Colors, Add</i>	732.44	
				<i>For Anodized Finish, Add</i>	976.59	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,342.81	
	08 91	19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,900.81	151.55
				<i>For Flange Frame, Add</i>	259.77	
				<i>For Clear Lacquer Finish, Add</i>	519.54	
				<i>For Baked Enamel Standard Colors, Add</i>	779.32	
				<i>For Anodized Finish, Add</i>	1,039.09	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,428.75	
	08 91	19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,092.26	157.38
				<i>For Flange Frame, Add</i>	277.75	
				<i>For Clear Lacquer Finish, Add</i>	555.50	
				<i>For Baked Enamel Standard Colors, Add</i>	833.25	
				<i>For Anodized Finish, Add</i>	1,111.00	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,527.63	
	08 91	19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,283.71	163.21
				<i>For Flange Frame, Add</i>	295.73	
				<i>For Clear Lacquer Finish, Add</i>	591.46	
				<i>For Baked Enamel Standard Colors, Add</i>	887.19	
				<i>For Anodized Finish, Add</i>	1,182.92	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,626.52	
	08 91	19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,442.93	169.03
				<i>For Flange Frame, Add</i>	310.49	
				<i>For Clear Lacquer Finish, Add</i>	620.97	
				<i>For Baked Enamel Standard Colors, Add</i>	931.46	
				<i>For Anodized Finish, Add</i>	1,241.94	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,707.67	
	08 91	19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,704.69	177.78
				<i>For Flange Frame, Add</i>	334.91	
				<i>For Clear Lacquer Finish, Add</i>	669.83	
				<i>For Baked Enamel Standard Colors, Add</i>	1,004.74	
				<i>For Anodized Finish, Add</i>	1,339.65	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,842.02	
	08 91	19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,002.90	69.95
				<i>For Flange Frame, Add</i>	86.30	
				<i>For Clear Lacquer Finish, Add</i>	172.60	
				<i>For Baked Enamel Standard Colors, Add</i>	258.90	
				<i>For Anodized Finish, Add</i>	345.20	
				<i>For Kynar® Standard Colors Finish, Add</i>	474.66	
	08 91	19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,231.68	84.51
				<i>For Flange Frame, Add</i>	106.27	
				<i>For Clear Lacquer Finish, Add</i>	212.53	
				<i>For Baked Enamel Standard Colors, Add</i>	318.80	
				<i>For Anodized Finish, Add</i>	425.06	
				<i>For Kynar® Standard Colors Finish, Add</i>	584.46	
	08 91	19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,441.86	99.09
				<i>For Flange Frame, Add</i>	124.37	
				<i>For Clear Lacquer Finish, Add</i>	248.74	
				<i>For Baked Enamel Standard Colors, Add</i>	373.10	
				<i>For Anodized Finish, Add</i>	497.47	
				<i>For Kynar® Standard Colors Finish, Add</i>	684.02	
	08 91	19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,655.63	104.91
				<i>For Flange Frame, Add</i>	144.58	
				<i>For Clear Lacquer Finish, Add</i>	289.16	
				<i>For Baked Enamel Standard Colors, Add</i>	433.74	
				<i>For Anodized Finish, Add</i>	578.32	
				<i>For Kynar® Standard Colors Finish, Add</i>	795.18	
	08 91	19 00-0111	EA	54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,950.00	110.74
				<i>For Flange Frame, Add</i>	172.85	
				<i>For Clear Lacquer Finish, Add</i>	345.70	
				<i>For Baked Enamel Standard Colors, Add</i>	518.55	
				<i>For Anodized Finish, Add</i>	691.40	
				<i>For Kynar® Standard Colors Finish, Add</i>	950.68	



**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0112	EA	54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,153.85 192.07 384.14 576.21 768.28 1,056.39	116.57
08 91	19 00-0113	EA	54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,344.92 209.43 418.86 628.29 837.72 1,151.86	125.32
08 91	19 00-0114	EA	54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,626.52 235.84 471.68 707.52 943.36 1,297.12	134.06
08 91	19 00-0115	EA	54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,823.81 253.82 507.64 761.46 1,015.28 1,396.01	142.80
08 91	19 00-0116	EA	54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,119.04 281.60 563.19 844.79 1,126.38 1,548.77	151.55
08 91	19 00-0117	EA	54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,309.25 299.45 598.90 898.35 1,197.80 1,646.98	157.38
08 91	19 00-0118	EA	54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,526.75 320.03 640.07 960.10 1,280.14 1,760.19	163.21
08 91	19 00-0119	EA	54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,735.56 339.75 679.50 1,019.25 1,359.00 1,868.62	169.03
08 91	19 00-0120	EA	54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,908.42 355.87 711.74 1,067.61 1,423.48 1,957.28	174.86
08 91	19 00-0121	EA	54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,213.58 384.64 769.27 1,153.91 1,538.54 2,115.50	183.61
08 91	19 00-0122	EA	60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,077.80 92.63 185.25 277.88 370.50 509.44	75.77
08 91	19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,329.76 114.32 228.65 342.97 457.30 628.78	93.26



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0124 EA 60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,546.52	104.91
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	133.67	
<i>For Clear Lacquer Finish, Add</i>	267.34	
<i>For Baked Enamel Standard Colors, Add</i>	401.00	
<i>For Anodized Finish, Add</i>	534.67	
<i>For Kynar® Standard Colors Finish, Add</i>	735.17	
08 91 19 00-0125 EA 60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,793.77	110.74
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	157.23	
<i>For Clear Lacquer Finish, Add</i>	314.45	
<i>For Baked Enamel Standard Colors, Add</i>	471.68	
<i>For Anodized Finish, Add</i>	628.91	
<i>For Kynar® Standard Colors Finish, Add</i>	864.75	
08 91 19 00-0126 EA 60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,100.15	119.49
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	186.12	
<i>For Clear Lacquer Finish, Add</i>	372.24	
<i>For Baked Enamel Standard Colors, Add</i>	558.35	
<i>For Anodized Finish, Add</i>	744.47	
<i>For Kynar® Standard Colors Finish, Add</i>	1,023.65	
08 91 19 00-0127 EA 60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,328.80	125.32
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	207.82	
<i>For Clear Lacquer Finish, Add</i>	415.63	
<i>For Baked Enamel Standard Colors, Add</i>	623.45	
<i>For Anodized Finish, Add</i>	831.27	
<i>For Kynar® Standard Colors Finish, Add</i>	1,142.99	
08 91 19 00-0128 EA 60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,528.57	134.06
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	226.05	
<i>For Clear Lacquer Finish, Add</i>	452.09	
<i>For Baked Enamel Standard Colors, Add</i>	678.14	
<i>For Anodized Finish, Add</i>	904.18	
<i>For Kynar® Standard Colors Finish, Add</i>	1,243.25	
08 91 19 00-0129 EA 60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,830.01	142.80
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	254.44	
<i>For Clear Lacquer Finish, Add</i>	508.88	
<i>For Baked Enamel Standard Colors, Add</i>	763.32	
<i>For Anodized Finish, Add</i>	1,017.76	
<i>For Kynar® Standard Colors Finish, Add</i>	1,399.42	
08 91 19 00-0130 EA 60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,042.16	151.55
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	273.91	
<i>For Clear Lacquer Finish, Add</i>	547.81	
<i>For Baked Enamel Standard Colors, Add</i>	821.72	
<i>For Anodized Finish, Add</i>	1,095.63	
<i>For Kynar® Standard Colors Finish, Add</i>	1,506.49	
08 91 19 00-0131 EA 60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,362.20	160.29
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	304.16	
<i>For Clear Lacquer Finish, Add</i>	608.32	
<i>For Baked Enamel Standard Colors, Add</i>	912.49	
<i>For Anodized Finish, Add</i>	1,216.65	
<i>For Kynar® Standard Colors Finish, Add</i>	1,672.89	
08 91 19 00-0132 EA 60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	3,564.82	166.12
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	323.26	
<i>For Clear Lacquer Finish, Add</i>	646.52	
<i>For Baked Enamel Standard Colors, Add</i>	969.77	
<i>For Anodized Finish, Add</i>	1,293.03	
<i>For Kynar® Standard Colors Finish, Add</i>	1,777.92	
08 91 19 00-0133 EA 60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	3,795.95	171.95
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	345.21	
<i>For Clear Lacquer Finish, Add</i>	690.41	
<i>For Baked Enamel Standard Colors, Add</i>	1,035.62	
<i>For Anodized Finish, Add</i>	1,380.82	
<i>For Kynar® Standard Colors Finish, Add</i>	1,898.63	
08 91 19 00-0134 EA 60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	4,022.12	177.78
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	366.66	
<i>For Clear Lacquer Finish, Add</i>	733.31	
<i>For Baked Enamel Standard Colors, Add</i>	1,099.97	
<i>For Anodized Finish, Add</i>	1,466.62	
<i>For Kynar® Standard Colors Finish, Add</i>	2,016.61	
08 91 19 00-0135 EA 60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	4,213.58	183.61
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	384.64	
<i>For Clear Lacquer Finish, Add</i>	769.27	
<i>For Baked Enamel Standard Colors, Add</i>	1,153.91	
<i>For Anodized Finish, Add</i>	1,538.54	
<i>For Kynar® Standard Colors Finish, Add</i>	2,115.50	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0136	EA	60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,533.97	189.44
			<i>For Flange Frame, Add</i>	415.51	
			<i>For Clear Lacquer Finish, Add</i>	831.02	
			<i>For Baked Enamel Standard Colors, Add</i>	1,246.53	
			<i>For Anodized Finish, Add</i>	1,662.04	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,285.31	
08 91	19 00-0137	EA	66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,244.46	81.60
			<i>For Flange Frame, Add</i>	108.13	
			<i>For Clear Lacquer Finish, Add</i>	216.25	
			<i>For Baked Enamel Standard Colors, Add</i>	324.38	
			<i>For Anodized Finish, Add</i>	432.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	594.69	
08 91	19 00-0138	EA	66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,539.82	99.09
			<i>For Flange Frame, Add</i>	134.16	
			<i>For Clear Lacquer Finish, Add</i>	268.33	
			<i>For Baked Enamel Standard Colors, Add</i>	402.49	
			<i>For Anodized Finish, Add</i>	536.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	737.90	
08 91	19 00-0139	EA	66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,794.26	116.57
			<i>For Flange Frame, Add</i>	156.11	
			<i>For Clear Lacquer Finish, Add</i>	312.22	
			<i>For Baked Enamel Standard Colors, Add</i>	468.33	
			<i>For Anodized Finish, Add</i>	624.44	
			<i>For Kynar® Standard Colors Finish, Add</i>	858.61	
08 91	19 00-0140	EA	66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,063.82	122.40
			<i>For Flange Frame, Add</i>	181.90	
			<i>For Clear Lacquer Finish, Add</i>	363.80	
			<i>For Baked Enamel Standard Colors, Add</i>	545.71	
			<i>For Anodized Finish, Add</i>	727.61	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,000.46	
08 91	19 00-0141	EA	66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,422.67	128.23
			<i>For Flange Frame, Add</i>	216.62	
			<i>For Clear Lacquer Finish, Add</i>	433.24	
			<i>For Baked Enamel Standard Colors, Add</i>	649.86	
			<i>For Anodized Finish, Add</i>	866.48	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,191.42	
08 91	19 00-0142	EA	66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,672.40	134.06
			<i>For Flange Frame, Add</i>	240.43	
			<i>For Clear Lacquer Finish, Add</i>	480.86	
			<i>For Baked Enamel Standard Colors, Add</i>	721.28	
			<i>For Anodized Finish, Add</i>	961.71	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,322.35	
08 91	19 00-0143	EA	66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,911.85	142.80
			<i>For Flange Frame, Add</i>	262.62	
			<i>For Clear Lacquer Finish, Add</i>	525.25	
			<i>For Baked Enamel Standard Colors, Add</i>	787.87	
			<i>For Anodized Finish, Add</i>	1,050.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,444.43	
08 91	19 00-0144	EA	66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,193.44	151.55
			<i>For Flange Frame, Add</i>	289.04	
			<i>For Clear Lacquer Finish, Add</i>	578.07	
			<i>For Baked Enamel Standard Colors, Add</i>	867.11	
			<i>For Anodized Finish, Add</i>	1,156.14	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,589.69	
08 91	19 00-0145	EA	66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,431.64	160.29
			<i>For Flange Frame, Add</i>	311.11	
			<i>For Clear Lacquer Finish, Add</i>	622.21	
			<i>For Baked Enamel Standard Colors, Add</i>	933.32	
			<i>For Anodized Finish, Add</i>	1,244.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,711.08	
08 91	19 00-0146	EA	66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,798.43	171.95
			<i>For Flange Frame, Add</i>	345.45	
			<i>For Clear Lacquer Finish, Add</i>	690.91	
			<i>For Baked Enamel Standard Colors, Add</i>	1,036.36	
			<i>For Anodized Finish, Add</i>	1,381.81	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,899.99	
08 91	19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,027.95	180.69
			<i>For Flange Frame, Add</i>	366.66	
			<i>For Clear Lacquer Finish, Add</i>	733.31	
			<i>For Baked Enamel Standard Colors, Add</i>	1,099.97	
			<i>For Anodized Finish, Add</i>	1,466.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,016.61	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,272.70	186.52
				<i>For Flange Frame, Add</i>	389.97	
				<i>For Clear Lacquer Finish, Add</i>	779.93	
				<i>For Baked Enamel Standard Colors, Add</i>	1,169.90	
				<i>For Anodized Finish, Add</i>	1,559.87	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,144.82	
	08 91	19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,522.44	192.35
				<i>For Flange Frame, Add</i>	413.78	
				<i>For Clear Lacquer Finish, Add</i>	827.55	
				<i>For Baked Enamel Standard Colors, Add</i>	1,241.33	
				<i>For Anodized Finish, Add</i>	1,655.10	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,275.76	
	08 91	19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,738.69	198.18
				<i>For Flange Frame, Add</i>	434.23	
				<i>For Clear Lacquer Finish, Add</i>	868.47	
				<i>For Baked Enamel Standard Colors, Add</i>	1,302.70	
				<i>For Anodized Finish, Add</i>	1,736.94	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,388.29	
	08 91	19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,096.30	204.01
				<i>For Flange Frame, Add</i>	468.83	
				<i>For Clear Lacquer Finish, Add</i>	937.66	
				<i>For Baked Enamel Standard Colors, Add</i>	1,406.49	
				<i>For Anodized Finish, Add</i>	1,875.32	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,578.56	
	08 91	19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,313.14	87.43
				<i>For Flange Frame, Add</i>	113.83	
				<i>For Clear Lacquer Finish, Add</i>	227.66	
				<i>For Baked Enamel Standard Colors, Add</i>	341.48	
				<i>For Anodized Finish, Add</i>	455.31	
				<i>For Kynar® Standard Colors Finish, Add</i>	626.05	
	08 91	19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,623.39	104.91
				<i>For Flange Frame, Add</i>	141.36	
				<i>For Clear Lacquer Finish, Add</i>	282.71	
				<i>For Baked Enamel Standard Colors, Add</i>	424.07	
				<i>For Anodized Finish, Add</i>	565.42	
				<i>For Kynar® Standard Colors Finish, Add</i>	777.45	
	08 91	19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,891.47	122.40
				<i>For Flange Frame, Add</i>	164.67	
				<i>For Clear Lacquer Finish, Add</i>	329.33	
				<i>For Baked Enamel Standard Colors, Add</i>	494.00	
				<i>For Anodized Finish, Add</i>	658.67	
				<i>For Kynar® Standard Colors Finish, Add</i>	905.67	
	08 91	19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,182.99	131.15
				<i>For Flange Frame, Add</i>	192.07	
				<i>For Clear Lacquer Finish, Add</i>	384.14	
				<i>For Baked Enamel Standard Colors, Add</i>	576.21	
				<i>For Anodized Finish, Add</i>	768.28	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,056.39	
	08 91	19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,567.88	136.97
				<i>For Flange Frame, Add</i>	229.39	
				<i>For Clear Lacquer Finish, Add</i>	458.79	
				<i>For Baked Enamel Standard Colors, Add</i>	688.18	
				<i>For Anodized Finish, Add</i>	917.57	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,261.66	
	08 91	19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,831.25	142.80
				<i>For Flange Frame, Add</i>	254.56	
				<i>For Clear Lacquer Finish, Add</i>	509.13	
				<i>For Baked Enamel Standard Colors, Add</i>	763.69	
				<i>For Anodized Finish, Add</i>	1,018.26	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,400.10	
	08 91	19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,086.80	151.55
				<i>For Flange Frame, Add</i>	278.37	
				<i>For Clear Lacquer Finish, Add</i>	556.74	
				<i>For Baked Enamel Standard Colors, Add</i>	835.11	
				<i>For Anodized Finish, Add</i>	1,113.48	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,531.04	
	08 91	19 00-0159	EA	72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,378.69	157.38
				<i>For Flange Frame, Add</i>	306.39	
				<i>For Clear Lacquer Finish, Add</i>	612.79	
				<i>For Baked Enamel Standard Colors, Add</i>	919.18	
				<i>For Anodized Finish, Add</i>	1,225.58	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,685.17	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0160	EA	72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,628.05	166.12
			<i>For Flange Frame, Add</i>	329.58	
			<i>For Clear Lacquer Finish, Add</i>	659.16	
			<i>For Baked Enamel Standard Colors, Add</i>	988.74	
			<i>For Anodized Finish, Add</i>	1,318.32	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,812.70	
08 91	19 00-0161	EA	72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,027.95	180.69
			<i>For Flange Frame, Add</i>	366.66	
			<i>For Clear Lacquer Finish, Add</i>	733.31	
			<i>For Baked Enamel Standard Colors, Add</i>	1,099.97	
			<i>For Anodized Finish, Add</i>	1,466.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,016.61	
08 91	19 00-0162	EA	72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,281.01	189.44
			<i>For Flange Frame, Add</i>	390.22	
			<i>For Clear Lacquer Finish, Add</i>	780.43	
			<i>For Baked Enamel Standard Colors, Add</i>	1,170.65	
			<i>For Anodized Finish, Add</i>	1,560.86	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,146.18	
08 91	19 00-0163	EA	72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,533.23	195.27
			<i>For Flange Frame, Add</i>	414.27	
			<i>For Clear Lacquer Finish, Add</i>	828.54	
			<i>For Baked Enamel Standard Colors, Add</i>	1,242.81	
			<i>For Anodized Finish, Add</i>	1,657.08	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,278.49	
08 91	19 00-0164	EA	72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,789.16	201.10
			<i>For Flange Frame, Add</i>	438.70	
			<i>For Clear Lacquer Finish, Add</i>	877.40	
			<i>For Baked Enamel Standard Colors, Add</i>	1,316.09	
			<i>For Anodized Finish, Add</i>	1,754.79	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,412.84	
08 91	19 00-0165	EA	72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,028.97	206.92
			<i>For Flange Frame, Add</i>	461.51	
			<i>For Clear Lacquer Finish, Add</i>	923.03	
			<i>For Baked Enamel Standard Colors, Add</i>	1,384.54	
			<i>For Anodized Finish, Add</i>	1,846.05	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,538.32	
08 91	19 00-0166	EA	72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,410.14	212.75
			<i>For Flange Frame, Add</i>	498.46	
			<i>For Clear Lacquer Finish, Add</i>	996.93	
			<i>For Baked Enamel Standard Colors, Add</i>	1,495.39	
			<i>For Anodized Finish, Add</i>	1,993.86	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,741.55	
08 91	19 00-0167	EA	78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,396.72	93.26
			<i>For Flange Frame, Add</i>	121.02	
			<i>For Clear Lacquer Finish, Add</i>	242.04	
			<i>For Baked Enamel Standard Colors, Add</i>	363.06	
			<i>For Anodized Finish, Add</i>	484.08	
			<i>For Kynar® Standard Colors Finish, Add</i>	665.61	
08 91	19 00-0168	EA	78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,715.65	110.74
			<i>For Flange Frame, Add</i>	149.42	
			<i>For Clear Lacquer Finish, Add</i>	298.83	
			<i>For Baked Enamel Standard Colors, Add</i>	448.25	
			<i>For Anodized Finish, Add</i>	597.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	821.78	
08 91	19 00-0169	EA	78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,989.92	128.23
			<i>For Flange Frame, Add</i>	173.35	
			<i>For Clear Lacquer Finish, Add</i>	346.69	
			<i>For Baked Enamel Standard Colors, Add</i>	520.04	
			<i>For Anodized Finish, Add</i>	693.38	
			<i>For Kynar® Standard Colors Finish, Add</i>	953.40	
08 91	19 00-0170	EA	78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,301.28	136.97
			<i>For Flange Frame, Add</i>	202.73	
			<i>For Clear Lacquer Finish, Add</i>	405.47	
			<i>For Baked Enamel Standard Colors, Add</i>	608.20	
			<i>For Anodized Finish, Add</i>	810.93	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,115.03	
08 91	19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,708.49	142.80
			<i>For Flange Frame, Add</i>	242.29	
			<i>For Clear Lacquer Finish, Add</i>	484.58	
			<i>For Baked Enamel Standard Colors, Add</i>	726.86	
			<i>For Anodized Finish, Add</i>	969.15	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,332.58	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 91	19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	2,983.02	148.63
				<i>For Flange Frame, Add</i>	268.58	
				<i>For Clear Lacquer Finish, Add</i>	537.15	
				<i>For Baked Enamel Standard Colors, Add</i>	805.73	
				<i>For Anodized Finish, Add</i>	1,074.30	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,477.16	
	08 91	19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,257.18	157.38
				<i>For Flange Frame, Add</i>	294.24	
				<i>For Clear Lacquer Finish, Add</i>	588.49	
				<i>For Baked Enamel Standard Colors, Add</i>	882.73	
				<i>For Anodized Finish, Add</i>	1,176.97	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,618.34	
	08 91	19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,566.43	163.21
				<i>For Flange Frame, Add</i>	324.00	
				<i>For Clear Lacquer Finish, Add</i>	648.00	
				<i>For Baked Enamel Standard Colors, Add</i>	972.01	
				<i>For Anodized Finish, Add</i>	1,296.01	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,782.01	
	08 91	19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	3,834.39	171.95
				<i>For Flange Frame, Add</i>	349.05	
				<i>For Clear Lacquer Finish, Add</i>	698.10	
				<i>For Baked Enamel Standard Colors, Add</i>	1,047.15	
				<i>For Anodized Finish, Add</i>	1,396.20	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,919.77	
	08 91	19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,260.30	186.52
				<i>For Flange Frame, Add</i>	388.73	
				<i>For Clear Lacquer Finish, Add</i>	777.45	
				<i>For Baked Enamel Standard Colors, Add</i>	1,166.18	
				<i>For Anodized Finish, Add</i>	1,554.91	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,138.00	
	08 91	19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,525.79	195.27
				<i>For Flange Frame, Add</i>	413.53	
				<i>For Clear Lacquer Finish, Add</i>	827.05	
				<i>For Baked Enamel Standard Colors, Add</i>	1,240.58	
				<i>For Anodized Finish, Add</i>	1,654.11	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,274.40	
	08 91	19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	4,803.67	204.01
				<i>For Flange Frame, Add</i>	439.57	
				<i>For Clear Lacquer Finish, Add</i>	879.13	
				<i>For Baked Enamel Standard Colors, Add</i>	1,318.70	
				<i>For Anodized Finish, Add</i>	1,758.26	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,417.61	
	08 91	19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,059.60	209.84
				<i>For Flange Frame, Add</i>	463.99	
				<i>For Clear Lacquer Finish, Add</i>	927.99	
				<i>For Baked Enamel Standard Colors, Add</i>	1,391.98	
				<i>For Anodized Finish, Add</i>	1,855.97	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,551.96	
	08 91	19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,315.53	215.67
				<i>For Flange Frame, Add</i>	488.42	
				<i>For Clear Lacquer Finish, Add</i>	976.84	
				<i>For Baked Enamel Standard Colors, Add</i>	1,465.26	
				<i>For Anodized Finish, Add</i>	1,953.68	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,686.31	
	08 91	19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	5,721.49	221.50
				<i>For Flange Frame, Add</i>	527.85	
				<i>For Clear Lacquer Finish, Add</i>	1,055.70	
				<i>For Baked Enamel Standard Colors, Add</i>	1,583.55	
				<i>For Anodized Finish, Add</i>	2,111.40	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,903.18	
	08 91	19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,464.18	99.09
				<i>For Flange Frame, Add</i>	126.60	
				<i>For Clear Lacquer Finish, Add</i>	253.20	
				<i>For Baked Enamel Standard Colors, Add</i>	379.80	
				<i>For Anodized Finish, Add</i>	506.40	
				<i>For Kynar® Standard Colors Finish, Add</i>	696.30	
	08 91	19 00-0183	EA	84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen.	1,796.74	116.57
				<i>For Flange Frame, Add</i>	156.36	
				<i>For Clear Lacquer Finish, Add</i>	312.72	
				<i>For Baked Enamel Standard Colors, Add</i>	469.08	
				<i>For Anodized Finish, Add</i>	625.44	
				<i>For Kynar® Standard Colors Finish, Add</i>	859.97	



**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0184	EA	84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,100.78 183.27 366.53 549.80 733.06 1,007.96	134.06
08 91	19 00-0185	EA	84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,422.06 213.65 427.29 640.94 854.58 1,175.05	142.80
08 91	19 00-0186	EA	84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,855.31 255.80 511.61 767.41 1,023.22 1,406.92	148.63
08 91	19 00-0187	EA	84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,145.95 283.70 567.41 851.11 1,134.81 1,560.37	154.46
08 91	19 00-0188	EA	84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,426.31 309.99 619.98 929.97 1,239.96 1,704.95	163.21
08 91	19 00-0189	EA	84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,760.36 342.23 684.46 1,026.69 1,368.92 1,882.26	169.03
08 91	19 00-0190	EA	84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,041.96 368.64 737.28 1,105.92 1,474.56 2,027.52	177.78
08 91	19 00-0191	EA	84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,493.92 410.92 821.85 1,232.77 1,643.69 2,260.08	192.35
08 91	19 00-0192	EA	84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,769.32 436.71 873.43 1,310.14 1,746.86 2,401.93	201.10
08 91	19 00-0193	EA	84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,072.00 465.23 930.47 1,395.70 1,860.93 2,558.78	209.84
08 91	19 00-0194	EA	84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,397.37 496.60 993.21 1,489.81 1,986.42 2,731.32	215.67
08 91	19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,690.49 524.75 1,049.50 1,574.25 2,099.00 2,886.13	221.50



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0196	EA		84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	6,127.46	227.32
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	567.28	
				<i>For Clear Lacquer Finish, Add</i>	1,134.56	
				<i>For Baked Enamel Standard Colors, Add</i>	1,701.85	
				<i>For Anodized Finish, Add</i>	2,269.13	
				<i>For Kynar® Standard Colors Finish, Add</i>	3,120.05	
08 91	19 00-0197	EA		90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,552.35	107.83
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	133.67	
				<i>For Clear Lacquer Finish, Add</i>	267.34	
				<i>For Baked Enamel Standard Colors, Add</i>	401.00	
				<i>For Anodized Finish, Add</i>	534.67	
				<i>For Kynar® Standard Colors Finish, Add</i>	735.17	
08 91	19 00-0198	EA		90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,889.86	125.32
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	163.92	
				<i>For Clear Lacquer Finish, Add</i>	327.85	
				<i>For Baked Enamel Standard Colors, Add</i>	491.77	
				<i>For Anodized Finish, Add</i>	655.69	
				<i>For Kynar® Standard Colors Finish, Add</i>	901.58	
08 91	19 00-0199	EA		90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	2,206.31	142.80
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	192.07	
				<i>For Clear Lacquer Finish, Add</i>	384.14	
				<i>For Baked Enamel Standard Colors, Add</i>	576.21	
				<i>For Anodized Finish, Add</i>	768.28	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,056.39	
08 91	19 00-0200	EA		90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,537.50	151.55
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	223.44	
				<i>For Clear Lacquer Finish, Add</i>	446.88	
				<i>For Baked Enamel Standard Colors, Add</i>	670.32	
				<i>For Anodized Finish, Add</i>	893.76	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,228.93	
08 91	19 00-0201	EA		90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	3,000.50	157.38
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	268.58	
				<i>For Clear Lacquer Finish, Add</i>	537.15	
				<i>For Baked Enamel Standard Colors, Add</i>	805.73	
				<i>For Anodized Finish, Add</i>	1,074.30	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,477.16	
08 91	19 00-0202	EA		90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	3,301.07	163.21
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	297.47	
				<i>For Clear Lacquer Finish, Add</i>	594.93	
				<i>For Baked Enamel Standard Colors, Add</i>	892.40	
				<i>For Anodized Finish, Add</i>	1,189.86	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,636.06	
08 91	19 00-0203	EA		90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,588.01	169.03
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	324.99	
				<i>For Clear Lacquer Finish, Add</i>	649.99	
				<i>For Baked Enamel Standard Colors, Add</i>	974.98	
				<i>For Anodized Finish, Add</i>	1,299.98	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,787.47	
08 91	19 00-0204	EA		90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,940.65	174.86
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	359.09	
				<i>For Clear Lacquer Finish, Add</i>	718.18	
				<i>For Baked Enamel Standard Colors, Add</i>	1,077.28	
				<i>For Anodized Finish, Add</i>	1,436.37	
				<i>For Kynar® Standard Colors Finish, Add</i>	1,975.01	
08 91	19 00-0205	EA		90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	4,237.14	183.61
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	386.99	
				<i>For Clear Lacquer Finish, Add</i>	773.98	
				<i>For Baked Enamel Standard Colors, Add</i>	1,160.98	
				<i>For Anodized Finish, Add</i>	1,547.97	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,128.46	
08 91	19 00-0206	EA		90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	4,715.13	198.18
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	431.88	
				<i>For Clear Lacquer Finish, Add</i>	863.76	
				<i>For Baked Enamel Standard Colors, Add</i>	1,295.63	
				<i>For Anodized Finish, Add</i>	1,727.51	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,375.33	
08 91	19 00-0207	EA		90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	5,002.93	206.92
				Note: Includes bird screen.		
				<i>For Flange Frame, Add</i>	458.91	
				<i>For Clear Lacquer Finish, Add</i>	917.82	
				<i>For Baked Enamel Standard Colors, Add</i>	1,376.73	
				<i>For Anodized Finish, Add</i>	1,835.64	
				<i>For Kynar® Standard Colors Finish, Add</i>	2,524.00	

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0208	EA		90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	5,332.89	215.67
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	490.16	
			<i>For Clear Lacquer Finish, Add</i>	980.31	
			<i>For Baked Enamel Standard Colors, Add</i>	1,470.47	
			<i>For Anodized Finish, Add</i>	1,960.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,695.86	
08 91 19 00-0209	EA		90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	5,678.09	221.50
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	523.51	
			<i>For Clear Lacquer Finish, Add</i>	1,047.02	
			<i>For Baked Enamel Standard Colors, Add</i>	1,570.53	
			<i>For Anodized Finish, Add</i>	2,094.04	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,879.31	
08 91 19 00-0210	EA		90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	5,969.61	230.23
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	550.91	
			<i>For Clear Lacquer Finish, Add</i>	1,101.83	
			<i>For Baked Enamel Standard Colors, Add</i>	1,652.74	
			<i>For Anodized Finish, Add</i>	2,203.66	
			<i>For Kynar® Standard Colors Finish, Add</i>	3,030.03	
08 91 19 00-0211	EA		90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	6,432.62	236.06
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	596.05	
			<i>For Clear Lacquer Finish, Add</i>	1,192.10	
			<i>For Baked Enamel Standard Colors, Add</i>	1,788.15	
			<i>For Anodized Finish, Add</i>	2,384.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	3,278.27	
08 91 19 00-0212	EA		96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,628.11	116.57
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	139.50	
			<i>For Clear Lacquer Finish, Add</i>	278.99	
			<i>For Baked Enamel Standard Colors, Add</i>	418.49	
			<i>For Anodized Finish, Add</i>	557.98	
			<i>For Kynar® Standard Colors Finish, Add</i>	767.23	
08 91 19 00-0213	EA		96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,978.02	134.06
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	170.99	
			<i>For Clear Lacquer Finish, Add</i>	341.98	
			<i>For Baked Enamel Standard Colors, Add</i>	512.97	
			<i>For Anodized Finish, Add</i>	683.96	
			<i>For Kynar® Standard Colors Finish, Add</i>	940.45	
08 91 19 00-0214	EA		96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	2,310.59	151.55
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	200.75	
			<i>For Clear Lacquer Finish, Add</i>	401.50	
			<i>For Baked Enamel Standard Colors, Add</i>	602.25	
			<i>For Anodized Finish, Add</i>	803.00	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,104.13	
08 91 19 00-0215	EA		96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,660.38	160.29
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	233.98	
			<i>For Clear Lacquer Finish, Add</i>	467.96	
			<i>For Baked Enamel Standard Colors, Add</i>	701.94	
			<i>For Anodized Finish, Add</i>	935.92	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,286.89	
08 91 19 00-0216	EA		96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	3,138.27	166.12
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	280.60	
			<i>For Clear Lacquer Finish, Add</i>	561.21	
			<i>For Baked Enamel Standard Colors, Add</i>	841.81	
			<i>For Anodized Finish, Add</i>	1,122.41	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,543.32	
08 91 19 00-0217	EA		96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	3,489.68	171.95
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	314.58	
			<i>For Clear Lacquer Finish, Add</i>	629.16	
			<i>For Baked Enamel Standard Colors, Add</i>	943.73	
			<i>For Anodized Finish, Add</i>	1,258.31	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,730.18	
08 91 19 00-0218	EA		96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,795.21	177.78
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	343.97	
			<i>For Clear Lacquer Finish, Add</i>	687.93	
			<i>For Baked Enamel Standard Colors, Add</i>	1,031.90	
			<i>For Anodized Finish, Add</i>	1,375.86	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,891.81	
08 91 19 00-0219	EA		96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	4,130.50	183.61
			Note: Includes bird screen.		
			<i>For Flange Frame, Add</i>	376.33	
			<i>For Clear Lacquer Finish, Add</i>	752.66	
			<i>For Baked Enamel Standard Colors, Add</i>	1,128.98	
			<i>For Anodized Finish, Add</i>	1,505.31	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,069.80	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0220 EA 96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	4,440.97	189.44
Note: Includes bird screen.		
For Flange Frame, Add	406.21	
For Clear Lacquer Finish, Add	812.42	
For Baked Enamel Standard Colors, Add	1,218.63	
For Anodized Finish, Add	1,624.84	
For Kynar® Standard Colors Finish, Add	2,234.16	
08 91 19 00-0221 EA 96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	4,954.94	204.01
Note: Includes bird screen.		
For Flange Frame, Add	454.69	
For Clear Lacquer Finish, Add	909.39	
For Baked Enamel Standard Colors, Add	1,364.08	
For Anodized Finish, Add	1,818.77	
For Kynar® Standard Colors Finish, Add	2,500.81	
08 91 19 00-0222 EA 96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	3,918.47	212.75
Note: Includes bird screen.		
For Flange Frame, Add	349.30	
For Clear Lacquer Finish, Add	698.59	
For Baked Enamel Standard Colors, Add	1,047.89	
For Anodized Finish, Add	1,397.19	
For Kynar® Standard Colors Finish, Add	1,921.13	
08 91 19 00-0223 EA 96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	5,590.05	221.50
Note: Includes bird screen.		
For Flange Frame, Add	514.71	
For Clear Lacquer Finish, Add	1,029.41	
For Baked Enamel Standard Colors, Add	1,544.12	
For Anodized Finish, Add	2,058.83	
For Kynar® Standard Colors Finish, Add	2,830.89	
08 91 19 00-0224 EA 96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	5,947.66	227.32
Note: Includes bird screen.		
For Flange Frame, Add	549.30	
For Clear Lacquer Finish, Add	1,098.60	
For Baked Enamel Standard Colors, Add	1,647.91	
For Anodized Finish, Add	2,197.21	
For Kynar® Standard Colors Finish, Add	3,021.16	
08 91 19 00-0225 EA 96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	6,254.06	236.06
Note: Includes bird screen.		
For Flange Frame, Add	578.19	
For Clear Lacquer Finish, Add	1,156.39	
For Baked Enamel Standard Colors, Add	1,734.58	
For Anodized Finish, Add	2,312.77	
For Kynar® Standard Colors Finish, Add	3,180.06	
08 91 19 00-0226 EA 96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	6,751.42	244.80
Note: Includes bird screen.		
For Flange Frame, Add	626.18	
For Clear Lacquer Finish, Add	1,252.36	
For Baked Enamel Standard Colors, Add	1,878.54	
For Anodized Finish, Add	2,504.72	
For Kynar® Standard Colors Finish, Add	3,443.99	
 08 91 19 00-0227 Gable Louver Vents <small>(08 91 19)</small>		
Note: 1" deep, residential/light commercial grade louvers.		
08 91 19 00-0228 Aluminum Gable Louver Vents <small>(08 91 19 00-0227)</small>		
Note: Includes screen.		
08 91 19 00-0229 Rectangular Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>		
Note: Includes screen.		
08 91 19 00-0230 EA 12" x 18" Rectangular Fixed Aluminum Gable Louver Vent.....	176.88	11.31
08 91 19 00-0231 EA 12" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	194.15	12.99
08 91 19 00-0232 EA 18" x 24" Rectangular Fixed Aluminum Gable Louver Vent.....	223.66	14.67
08 91 19 00-0233 EA 18" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	244.77	15.59
08 91 19 00-0234 EA 24" x 30" Rectangular Fixed Aluminum Gable Louver Vent.....	278.10	16.51
08 91 19 00-0235 EA 24" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	312.47	19.80
08 91 19 00-0236 EA 30" x 36" Rectangular Fixed Aluminum Gable Louver Vent.....	364.04	24.75
08 91 19 00-0237 EA 30" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	407.03	28.88
08 91 19 00-0238 EA 36" x 42" Rectangular Fixed Aluminum Gable Louver Vent.....	467.18	34.66
08 91 19 00-0239 EA 42" x 48" Rectangular Fixed Aluminum Gable Louver Vent.....	587.50	46.20
 08 91 19 00-0240 Square Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>		
Note: Includes screen.		
08 91 19 00-0241 EA 12" x 12" Square Fixed Aluminum Gable Louver Vent .....	161.97	10.42
08 91 19 00-0242 EA 18" x 18" Square Fixed Aluminum Gable Louver Vent .....	200.89	13.20
08 91 19 00-0243 EA 24" x 24" Square Fixed Aluminum Gable Louver Vent .....	250.87	15.58
08 91 19 00-0244 EA 30" x 30" Square Fixed Aluminum Gable Louver Vent .....	321.07	20.63
08 91 19 00-0245 EA 36" x 36" Square Fixed Aluminum Gable Louver Vent .....	415.62	29.71
08 91 19 00-0246 EA 42" x 42" Square Fixed Aluminum Gable Louver Vent .....	527.25	40.41
08 91 19 00-0247 EA 48" x 48" Square Fixed Aluminum Gable Louver Vent .....	656.27	52.80
 08 91 19 00-0248 Round Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>		
Note: Includes screen.		
08 91 19 00-0249 EA 12" Diameter Round Fixed Aluminum Gable Louver Vent.....	161.97	10.42
08 91 19 00-0250 EA 18" Diameter Round Fixed Aluminum Gable Louver Vent.....	200.89	13.20

**08 Openings****08 90 Louvers and Vents****08 91 Louvers**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

08 91 19 00-0251	EA	24" Diameter Round Fixed Aluminum Gable Louver Vent.....	250.87	15.58
08 91 19 00-0252	EA	30" Diameter Round Fixed Aluminum Gable Louver Vent.....	321.07	20.63
08 91 19 00-0253	EA	36" Diameter Round Fixed Aluminum Gable Louver Vent.....	415.62	29.71
08 91 19 00-0254	EA	42" Diameter Round Fixed Aluminum Gable Louver Vent.....	527.35	40.43

**08 91 19 00-0255 Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228)**

Note: Includes screen.

08 91 19 00-0256	EA	12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	161.97	10.42
08 91 19 00-0257	EA	12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	176.88	11.31
08 91 19 00-0258	EA	12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	194.15	12.99
08 91 19 00-0259	EA	18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	200.89	13.20
08 91 19 00-0260	EA	18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	223.66	14.67
08 91 19 00-0261	EA	18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	244.77	15.59
08 91 19 00-0262	EA	24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	250.87	15.58
08 91 19 00-0263	EA	24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	278.10	16.51
08 91 19 00-0264	EA	24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	312.47	19.80
08 91 19 00-0265	EA	30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	321.07	20.63
08 91 19 00-0266	EA	30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	364.04	24.75
08 91 19 00-0267	EA	30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	407.03	28.88
08 91 19 00-0268	EA	36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	415.62	29.71
08 91 19 00-0269	EA	36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	467.18	34.66
08 91 19 00-0270	EA	36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	518.75	39.60
08 91 19 00-0271	EA	42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	527.35	40.43
08 91 19 00-0272	EA	42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	587.50	46.20
08 91 19 00-0273	EA	48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	656.27	52.80

**08 91 19 00-0274 Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)**

Note: Includes screen.

08 91 19 00-0275	EA	12" x 12" Round Top Fixed Aluminum Gable Louver Vent.....	161.97	10.42
08 91 19 00-0276	EA	12" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	176.88	11.31
08 91 19 00-0277	EA	12" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	194.15	12.99
08 91 19 00-0278	EA	18" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	200.89	13.20
08 91 19 00-0279	EA	18" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	223.66	14.67
08 91 19 00-0280	EA	18" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	244.77	15.59
08 91 19 00-0281	EA	24" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	250.87	15.58
08 91 19 00-0282	EA	24" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	278.10	16.51
08 91 19 00-0283	EA	24" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	312.47	19.80
08 91 19 00-0284	EA	30" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	321.07	20.63
08 91 19 00-0285	EA	30" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	364.04	24.75
08 91 19 00-0286	EA	30" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	407.03	28.88
08 91 19 00-0287	EA	36" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	415.62	29.71
08 91 19 00-0288	EA	36" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	467.18	34.66
08 91 19 00-0289	EA	36" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	518.75	39.60
08 91 19 00-0290	EA	42" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	527.35	40.43
08 91 19 00-0291	EA	42" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	587.50	46.20
08 91 19 00-0292	EA	48" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	656.27	52.80

**08 91 19 00-0293 Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)**

Note: Includes screen.

08 91 19 00-0294	EA	36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	328.72	12.99
08 91 19 00-0295	EA	36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	373.22	15.58
08 91 19 00-0296	EA	48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	400.44	16.51
08 91 19 00-0297	EA	48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	459.28	19.80
08 91 19 00-0298	EA	48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	510.70	20.63
08 91 19 00-0299	EA	60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	425.21	24.75
08 91 19 00-0300	EA	60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	498.79	28.88
08 91 19 00-0301	EA	60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	562.43	29.71
08 91 19 00-0302	EA	60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	638.46	34.66
08 91 19 00-0303	EA	72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	518.75	39.60
08 91 19 00-0304	EA	72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	594.64	40.43
08 91 19 00-0305	EA	72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	685.37	46.20
08 91 19 00-0306	EA	72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	778.61	52.80
08 91 19 00-0307	EA	72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	875.65	60.68

**08 91 19 00-0308 Vinyl Gable Louver Vents (08 91 19 00-0227)**

Note: Includes screen.

08 91 19 00-0309	EA	12" x 12" Square Fixed Vinyl Gable Louver Vent.....	73.02	10.42
08 91 19 00-0310	EA	12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	88.26	11.31
08 91 19 00-0311	EA	18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	120.43	14.67
08 91 19 00-0312	EA	24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	164.98	16.51
08 91 19 00-0313	EA	18" Diameter Round Fixed Vinyl Gable Louver Vent.....	116.60	13.20
08 91 19 00-0314	EA	22" Diameter Round Fixed Vinyl Gable Louver Vent.....	134.75	15.58
08 91 19 00-0315	EA	30" Diameter Round Fixed Vinyl Gable Louver Vent.....	190.00	20.63
08 91 19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent.....	277.69	29.71
08 91 19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	116.60	13.20
08 91 19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	132.00	14.67
08 91 19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	170.32	16.51



<b>Openings</b>	<b>08</b>	<b>08</b>
Louvers and Vents	08 90	
Louvers	08 91	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	241.86	24.75
08 91	19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	574.93	39.60
08 91	19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	114.28	12.99
08 91	19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	159.27	16.51
08 91	19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	165.01	19.80
08 91	19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	378.77	24.75
08 91	19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	378.77	24.75
08 91	19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	378.77	24.75
08 91	19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	378.77	24.75
08 91	19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	378.77	24.75
08 91	19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	423.37	39.60
08 91	19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	423.37	39.60
08 91	19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	423.37	39.60
08 91	19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	423.37	39.60
<b>08 95 Vents</b> <small>(08 90)</small>					
<b>08 95 13 Soffit Vents</b> <small>(08 95)</small>					
<b>08 95 13 00-0001 Aluminum Soffit Vents</b> <small>(08 95 13)</small>					
	08 95 13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	7.83	2.68
	08 95 13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	13.77	5.25
	08 95 13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish.....	23.37	7.00
	08 95 13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish.....	24.36	7.00
<b>08 95 13 00-0006 Vinyl Soffit Vents</b> <small>(08 95 13)</small>					
	08 95 13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	6.60	2.71
			<i>For Colors, Add</i>	0.12	
	08 95 13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	6.77	2.71
			<i>For Colors, Add</i>	0.14	
<b>08 95 16 Wall Vents</b> <small>(08 95)</small>					
<b>08 95 16 00-0001 Foundation Vents</b> <small>(08 95 16)</small>					
	08 95 16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.53	0.23
	08 95 16 00-0003	SI	Aluminum Foundation Vent.....	1.05	0.23
	08 95 16 00-0004	SI	Stainless Steel Foundation Vent.....	1.15	0.23
	08 95 16 00-0005	SI	Plastic Foundation Vent.....	0.74	0.23

**END OF SECTION 08**



08	<b>08</b>	<b>Openings</b>
	08 90	Louvers and Vents
	08 95	Vents



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 09 Finishes

### 09 01 Maintenance of Finishes (09)

#### 09 01 20 Maintenance of Plaster and Gypsum Board (09 01)

##### 09 01 20 91 Plaster Restoration (09 01 20)

09 01 20 91-0001		<b>Cut And Patch Hole In Gypsum Board To Match Existing</b> <small>(09 01 20 91)</small> Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.	
09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing .....	22.08
		Note: Per location.	
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing .....	17.79
		Note: Per location.	
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing .....	15.95
		Note: Per location.	
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing .....	14.03
		Note: Per location.	
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing .....	12.55
		Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.	

##### 09 01 20 91-0007 Plaster/Stucco Repair (09 01 20 91) Note: Per location.

09 01 20 91-0008		<b>Clean And Repair Crack In Plaster/Stucco</b> <small>(09 01 20 91-0007)</small> Note: Includes plaster weld.	
09 01 20 91-0009	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco .....	21.72
09 01 20 91-0010	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco .....	17.43
09 01 20 91-0011	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco .....	14.21
09 01 20 91-0012	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco .....	10.99
09 01 20 91-0013	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco .....	8.85
09 01 20 91-0014	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco .....	6.71

##### 09 01 20 91-0015 Cut And Patch Hole In Plaster/Stucco To Match Existing (09 01 20 91-0007) Note: Includes plaster weld.

09 01 20 91-0016	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing .....	20.76
09 01 20 91-0017	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing .....	18.39
09 01 20 91-0018	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing .....	16.93
09 01 20 91-0019	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing .....	15.74
09 01 20 91-0020	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing .....	14.69
09 01 20 91-0021	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing .....	13.53

##### 09 01 20 91-0022 Chip, Clean And Repair Plaster/Stucco (09 01 20 91-0007) Note: Includes plaster weld.

09 01 20 91-0023	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco .....	39.14
09 01 20 91-0024	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco .....	28.41
09 01 20 91-0025	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco .....	20.91
09 01 20 91-0026	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco .....	16.62

#### 09 01 30 Maintenance of Tiling (09 01)

##### 09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF	RegROUT Floor Tile Including Removal Of Loose Grout .....	8.95
09 01 30 91-0002	SF	RegROUT Wall Tile Including Removal Of Loose Grout .....	11.17
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing .....	57.55
		Note: Per location.	

#### 09 01 50 Maintenance of Ceilings (09 01)

##### 09 01 50 91 Ceiling Restoration (09 01 50)

09 01 50 91-0001		<b>Repair Ceiling Suspension System</b> <small>(09 01 50 91)</small> See CSI section 09 53 23 00-0009 for ceiling suspension system accessories for replacement.	
------------------	--	---	--

#### 09 01 60 Maintenance of Flooring (09 01)

##### 09 01 60 91 Flooring Restoration (09 01 60)

09 01 60 91-0001		<b>Grinding, Polishing And Sealing Terrazzo</b> <small>(09 01 60 91)</small>	
09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo .....	365.79
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair .....	5.57
09 01 60 91-0004	SF	Repair Existing Terrazzo .....	25.49
09 01 60 91-0005	LF	Repair Cracks In Existing Terrazzo .....	5.74

**09 Finishes****09 01 Maintenance of Finishes****09 01 60 Maintenance of Flooring**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
<b>09 01 60 91-0006</b>	<b>Standard Flooring Maintenance (09 01 60 91)</b>		
09 01 60 91-0007	CSF Steam Clean Carpet .....	53.46	
09 01 60 91-0008	CSF Wax And Polish Tile And VCT Flooring .....	58.50	
	For Additional Coat, Add	48.82	
	For Stripping Existing Wax From Floor, Add	55.26	
09 01 60 91-0009	CSF Wax And Polish Wood Flooring .....	35.06	
	For Additional Coat, Add	30.76	
	For Stripping Existing Wax From Floor, Add	55.26	
09 01 60 91-0010	MSF Vacuum Floors.....	29.93	
<b>09 01 60 91-0011</b>	<b>Prepare Existing Concrete Floor Prior To Installation Of Flooring (09 01 60 91)</b>		
09 01 60 91-0012	SY Grinding Of Existing Concrete Floor Prior To Installation Of Flooring.....	11.65	
	Note: Up to 1/8" of material per pass		
09 01 60 91-0013	LF Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring.....	22.98	
	Note: Up to 1/4" of material per pass		
09 01 60 91-0014	SY Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring.....	9.44	
<b>09 01 60 91-0015</b>	<b>Floor Sealants (09 01 60 91)</b>		
09 01 60 91-0016	SF Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat .....	1.52	
	Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.		
09 01 60 91-0017	SF Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat .....	1.70	
	Note: For interior/exterior concrete surfaces.		
09 01 60 91-0018	SF Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant .....	1.66	
09 01 60 91-0019	GAL Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	50.82	
<b>09 01 80 Maintenance of Acoustic Treatment (09 01)</b>			
<b>09 01 80 00-0001</b>	<b>Removal Of Acoustical Ceiling Treatment (09 01 80)</b>		
09 01 80 00-0002	SF Removal Of Acoustical And Popcorn Ceilings Treatment.....	2.67	
<b>09 01 90 Maintenance of Painting and Coating (09 01)</b>			
<b>09 01 90 52 Maintenance Repainting (09 01 90)</b>			
<b>09 01 90 52-0001</b>	<b>Cleaning And Preparation Of Painted And Unpainted Surfaces (09 01 90 52)</b>		
	Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.		
<b>09 01 90 52-0002</b>	<b>Concrete And Masonry Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0003	SF Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation .....	0.58	
	For Up To 100, Add	0.42	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.08	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000 To 15,000, Deduct	-0.06	
	For >15,000 To 30,000, Deduct	-0.09	
	For >30,000, Deduct	-0.12	
09 01 90 52-0004	SF Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.60	
	For Up To 100, Add	1.04	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.13	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000 To 15,000, Deduct	-0.06	
	For >15,000 To 30,000, Deduct	-0.09	
	For >30,000, Deduct	-0.11	
09 01 90 52-0005	SF Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.93	
	For Up To 100, Add	1.59	
	For >100 To 250, Add	0.42	
	For >250 To 500, Add	0.21	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 15,000, Deduct	-0.09	
	For >15,000 To 30,000, Deduct	-0.13	
	For >30,000, Deduct	-0.18	
09 01 90 52-0006	SF Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation .....	0.81	
	For Up To 100, Add	1.62	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.20	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 15,000, Deduct	-0.08	
	For >15,000 To 30,000, Deduct	-0.12	
	For >30,000, Deduct	-0.16	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 01 90 52-0007 SF Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.97	
For Up To 100, Add	1.70	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.22	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 15,000, Deduct	-0.09	
For >15,000 To 30,000, Deduct	-0.14	
For >30,000, Deduct	-0.19	
09 01 90 52-0008 SF 2,000 To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation .....	0.62	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.13	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.09	
For >30,000, Deduct	-0.12	
09 01 90 52-0009 SF 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	1.76	
For Up To 100, Add	3.21	
For >100 To 250, Add	0.83	
For >250 To 500, Add	0.41	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 15,000, Deduct	-0.17	
For >15,000 To 30,000, Deduct	-0.26	
For >30,000, Deduct	-0.34	
09 01 90 52-0010 SF 30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation .....	2.90	
For Up To 100, Add	5.49	
For >100 To 250, Add	1.40	
For >250 To 500, Add	0.69	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 15,000, Deduct	-0.28	
For >15,000 To 30,000, Deduct	-0.43	
For >30,000, Deduct	-0.57	
09 01 90 52-0011 SF Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation.....	4.28	
Note: 3 Lb. of sand or glass abrasive media material per SF		
For 4.5 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	2.49	
For 6 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	5.16	
For 9 Lb. Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	8.56	
For Up To 100, Add	7.42	
For >100 To 250, Add	1.95	
For >250 To 500, Add	0.96	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 15,000, Deduct	-0.40	
For >15,000 To 30,000, Deduct	-0.62	
For >30,000, Deduct	-0.82	
<b>09 01 90 52-0012 Drywall Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0013 SF Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation .....	0.45	
For Up To 100, Add	0.90	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.11	
09 01 90 52-0014 SF Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation.....	0.76	
For Up To 100, Add	1.52	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.19	
09 01 90 52-0015 SF Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation.....	1.40	
For Up To 100, Add	2.70	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.34	
<b>09 01 90 52-0016 Metal Surfaces, Surface Preparation (09 01 90 52-0001)</b>		
09 01 90 52-0017 SF Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation.....	0.56	
For Up To 100, Add	0.41	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.08	
For >30,000, Deduct	-0.11	
09 01 90 52-0018 SF Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation .....	0.93	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.09	
For >15,000 To 30,000, Deduct	-0.13	
For >30,000, Deduct	-0.18	

## 09 Finishes

## 09 01 Maintenance of Finishes

## 09 01 90 Maintenance of Painting and Coating



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0019	SF		Hand Scraping And Sanding, Metal Surfaces, Surface Preparation .....	0.81	
			For Up To 100, Add	0.61	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 15,000, Deduct	-0.08	
			For >15,000 To 30,000, Deduct	-0.12	
			For >30,000, Deduct	-0.16	
09 01 90 52-0020	SF		2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation .....	0.59	
			For Up To 100, Add	0.36	
			For >100 To 250, Add	0.17	
			For >250 To 500, Add	0.07	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.05	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.11	
09 01 90 52-0021	SF		Power Tool Cleaning, Metal Surfaces, Surface Preparation .....	1.54	
			For Up To 100, Add	1.16	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.23	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 15,000, Deduct	-0.15	
			For >15,000 To 30,000, Deduct	-0.23	
			For >30,000, Deduct	-0.31	
09 01 90 52-0022	SF		Steam Cleaning, Metal Surfaces, Surface Preparation .....	0.60	
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.07	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.05	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.11	
09 01 90 52-0023	SF		Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.27	
			For Up To 100, Add	0.80	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.12	
			For >15,000 To 30,000, Deduct	-0.18	
			For >30,000, Deduct	-0.24	
09 01 90 52-0024	SF		Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	1.71	
			For Up To 100, Add	1.05	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.21	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 15,000, Deduct	-0.16	
			For >15,000 To 30,000, Deduct	-0.25	
			For >30,000, Deduct	-0.33	
09 01 90 52-0025	SF		Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation .....	2.52	
			For Up To 100, Add	1.58	
			For >100 To 250, Add	0.74	
			For >250 To 500, Add	0.32	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 15,000, Deduct	-0.24	
			For >15,000 To 30,000, Deduct	-0.37	
			For >30,000, Deduct	-0.48	
09 01 90 52-0026	SF		Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation .....	4.22	
			For Up To 100, Add	2.63	
			For >100 To 250, Add	1.23	
			For >250 To 500, Add	0.53	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 15,000, Deduct	-0.39	
			For >15,000 To 30,000, Deduct	-0.61	
			For >30,000, Deduct	-0.81	
09 01 90 52-0027	SF		Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	3.21	
			For Up To 100, Add	1.97	
			For >100 To 250, Add	0.92	
			For >250 To 500, Add	0.39	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 15,000, Deduct	-0.30	
			For >15,000 To 30,000, Deduct	-0.46	
			For >30,000, Deduct	-0.61	
09 01 90 52-0028	SF		Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	3.98	
			For Up To 100, Add	2.43	
			For >100 To 250, Add	1.13	
			For >250 To 500, Add	0.49	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 15,000, Deduct	-0.37	
			For >15,000 To 30,000, Deduct	-0.57	
			For >30,000, Deduct	-0.76	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 01 90 52-0029 SF Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation .....	5.16	
<i>For Up To 100, Add</i>	3.16	
<i>For &gt;100 To 250, Add</i>	1.47	
<i>For &gt;250 To 500, Add</i>	0.63	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.24	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.48	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.75	
<i>For &gt;30,000, Deduct</i>	-0.98	
09 01 90 52-0030 SF Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation .....	6.46	
<i>For Up To 100, Add</i>	3.95	
<i>For &gt;100 To 250, Add</i>	1.84	
<i>For &gt;250 To 500, Add</i>	0.79	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.60	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.93	
<i>For &gt;30,000, Deduct</i>	-1.23	
<b>09 01 90 52-0031 Tile Surfaces, Surface Preparation (09 01 90 52-0001)</b> .....	<b>0.51</b>	
09 01 90 52-0032 SF Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation .....	0.51	
<i>For Up To 100, Add</i>	0.37	
<i>For &gt;100 To 250, Add</i>	0.17	
<i>For &gt;250 To 500, Add</i>	0.07	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
<i>For &gt;30,000, Deduct</i>	-0.10	
09 01 90 52-0033 CSF Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation .....	50.32	
<i>For Up To 100, Add</i>	37.46	
<i>For &gt;100 To 250, Add</i>	17.48	
<i>For &gt;250 To 500, Add</i>	7.49	
<i>For &gt;5,000 To 10,000, Deduct</i>	-2.51	
<i>For &gt;10,000 To 15,000, Deduct</i>	-5.02	
<i>For &gt;15,000 To 30,000, Deduct</i>	-7.54	
<i>For &gt;30,000, Deduct</i>	-10.05	
09 01 90 52-0034 SF 2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation .....	0.43	
<i>For Up To 100, Add</i>	0.27	
<i>For &gt;100 To 250, Add</i>	0.13	
<i>For &gt;250 To 500, Add</i>	0.05	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.04	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.06	
<i>For &gt;30,000, Deduct</i>	-0.08	
<b>09 01 90 52-0035 Wood Surfaces, Surface Preparation (09 01 90 52-0001)</b> .....	<b>0.53</b>	
09 01 90 52-0036 SF Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation .....	0.53	
<i>For Up To 100, Add</i>	0.38	
<i>For &gt;100 To 250, Add</i>	0.18	
<i>For &gt;250 To 500, Add</i>	0.08	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
<i>For &gt;30,000, Deduct</i>	-0.11	
09 01 90 52-0037 SF Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening .....	1.58	
<i>For Up To 100, Add</i>	1.12	
<i>For &gt;100 To 250, Add</i>	0.52	
<i>For &gt;250 To 500, Add</i>	0.22	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.15	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.23	
<i>For &gt;30,000, Deduct</i>	-0.31	
09 01 90 52-0038 SF Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation .....	0.77	
<i>For Up To 100, Add</i>	0.44	
<i>For &gt;100 To 250, Add</i>	0.21	
<i>For &gt;250 To 500, Add</i>	0.09	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.07	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.11	
<i>For &gt;30,000, Deduct</i>	-0.15	
09 01 90 52-0039 SF Hand Scrape Wood Surfaces, Surface Preparation .....	1.01	
<i>For Up To 100, Add</i>	0.76	
<i>For &gt;100 To 250, Add</i>	0.35	
<i>For &gt;250 To 500, Add</i>	0.15	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.10	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.15	
<i>For &gt;30,000, Deduct</i>	-0.20	
09 01 90 52-0040 SF Steam Clean Wood Surfaces, Surface Preparation .....	0.95	
<i>For Up To 100, Add</i>	0.59	
<i>For &gt;100 To 250, Add</i>	0.28	
<i>For &gt;250 To 500, Add</i>	0.12	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
<i>For &gt;10,000 To 15,000, Deduct</i>	-0.09	
<i>For &gt;15,000 To 30,000, Deduct</i>	-0.14	
<i>For &gt;30,000, Deduct</i>	-0.18	



**09 Finishes****09 01 Maintenance of Finishes****09 01 90 Maintenance of Painting and Coating**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0041	SF		2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation .....	0.65	
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.19	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.06	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.09	
			<i>For &gt;30,000, Deduct</i>	-0.12	
09 01 90 52-0042	SF		Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation .....	1.04	
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.10	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.15	
			<i>For &gt;30,000, Deduct</i>	-0.20	
09 01 90 52-0043	SF		Sanding Wood Trim Surfaces, Surface Preparation .....	1.41	
			<i>For Up To 100, Add</i>	1.00	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.14	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.21	
			<i>For &gt;30,000, Deduct</i>	-0.28	
09 01 90 52-0044	SF		Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation.....	0.93	
			<i>For Up To 100, Add</i>	0.59	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.09	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.14	
			<i>For &gt;30,000, Deduct</i>	-0.18	
09 01 90 52-0045	SF		Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation.....	1.07	
			<i>For Up To 100, Add</i>	0.70	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.10	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.16	
			<i>For &gt;30,000, Deduct</i>	-0.21	
09 01 90 52-0046			<b>Vinyl Siding Surfaces, Surface Preparation</b> (09 01 90 52-0001)		
09 01 90 52-0047	SF		Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation.....	0.51	
			<i>For Up To 100, Add</i>	0.37	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
			<i>For &gt;30,000, Deduct</i>	-0.10	
09 01 90 52-0048	SF		Hand Wash, Vinyl Siding Surfaces, Surface Preparation.....	0.80	
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.04	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.08	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.12	
			<i>For &gt;30,000, Deduct</i>	-0.16	
09 01 90 52-0049	SF		2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation.....	0.54	
			<i>For Up To 100, Add</i>	0.32	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.05	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.08	
			<i>For &gt;30,000, Deduct</i>	-0.10	
09 01 90 52-0050	SF		Steam Clean, Vinyl Siding Surfaces, Surface Preparation.....	1.00	
			<i>For Up To 100, Add</i>	0.59	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.05	
			<i>For &gt;10,000 To 15,000, Deduct</i>	-0.09	
			<i>For &gt;15,000 To 30,000, Deduct</i>	-0.14	
			<i>For &gt;30,000, Deduct</i>	-0.19	

09 01 90 52-0051 **Plaster/Stucco Surfaces, Surface Preparation** (09 01 90 52-0001)

Note: Based on total project quantity.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

09 01 90 52-0052	SF	Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation .....	0.58	
		<i>For Up To 100, Add</i>	0.42	
		<i>For &gt;100 To 250, Add</i>	0.20	
		<i>For &gt;250 To 500, Add</i>	0.08	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
		<i>For &gt;10,000 To 15,000, Deduct</i>	-0.06	
		<i>For &gt;15,000 To 30,000, Deduct</i>	-0.09	
		<i>For &gt;30,000, Deduct</i>	-0.12	
09 01 90 52-0053	SF	2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation.....	0.70	
		<i>For Up To 100, Add</i>	0.42	
		<i>For &gt;100 To 250, Add</i>	0.20	
		<i>For &gt;250 To 500, Add</i>	0.08	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.03	
		<i>For &gt;10,000 To 15,000, Deduct</i>	-0.06	
		<i>For &gt;15,000 To 30,000, Deduct</i>	-0.10	
		<i>For &gt;30,000, Deduct</i>	-0.13	
09 01 90 52-0054		<b>Prep Work</b> <small>(09 01 90 52-0001)</small> .....		
09 01 90 52-0055	SF	Citrus Strip, Single Applications.....	1.37	
		Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations		
<b>09 01 90 91 Paint Restoration</b> <small>(09 01 90)</small>				
09 01 90 91-0001		<b>Paint Removal, Strip To Bare Wood</b> <small>(09 01 90 91)</small> .....		
09 01 90 91-0002	SF	Flat Surfaces, Paint Removal, Strip To Bare Wood .....	9.17	
09 01 90 91-0003	SF	Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood .....	9.77	

## 09 20 Plaster and Gypsum Board (09)

### 09 22 Supports for Plaster and Gypsum Board (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

<b>09 22 13 Metal Furring</b> <small>(09 22)</small>				
<b>09 22 13 13 Metal Channel Furring</b> <small>(09 22 13)</small>				
09 22 13 13-0001		<b>Hat Furring Channel</b> <small>(09 22 13 13)</small> .....		
		Note: Includes clips where required.		
09 22 13 13-0002		<b>Installed On Walls, Hat Furring Channel</b> <small>(09 22 13 13-0001)</small> .....		
09 22 13 13-0003	SF	7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel .....	4.34	1.87
		<i>For Walls &gt;10' High, Add</i>	0.56	
		<i>For 24" On Center, Deduct</i>	-0.50	
		<i>For 12" On Center, Add</i>	0.68	
		<i>For 22 Gauge, Add</i>	0.31	
		<i>For 20 Gauge, Add</i>	0.96	
09 22 13 13-0004	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel .....	4.58	1.87
		<i>For Walls &gt;10' High, Add</i>	0.56	
		<i>For 24" On Center, Deduct</i>	-0.54	
		<i>For 12" On Center, Add</i>	0.73	
		<i>For 22 Gauge, Add</i>	0.43	
		<i>For 20 Gauge, Add</i>	1.12	
09 22 13 13-0005		<b>Installed On Columns And Beams, Hat Furring Channel</b> <small>(09 22 13 13-0001)</small> .....		
09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel .....	6.35	2.86
		<i>For Columns And Beams &gt;10' High, Add</i>	1.15	
		<i>For 24" On Center, Deduct</i>	-0.70	
		<i>For 12" On Center, Add</i>	0.98	
		<i>For 22 Gauge, Add</i>	0.31	
		<i>For 20 Gauge, Add</i>	1.26	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel .....	6.59	2.86
		<i>For Columns And Beams &gt;10' High, Add</i>	1.15	
		<i>For 24" On Center, Deduct</i>	-0.74	
		<i>For 12" On Center, Add</i>	1.03	
		<i>For 22 Gauge, Add</i>	0.43	
		<i>For 20 Gauge, Add</i>	1.42	
09 22 13 13-0008		<b>Installed On Ceilings, Hat Furring Channel</b> <small>(09 22 13 13-0001)</small> .....		
09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel .....	5.59	2.29
		<i>For Ceilings &gt;10' High, Add</i>	0.69	
		<i>For 24" On Center, Deduct</i>	-0.66	
		<i>For 12" On Center, Add</i>	0.89	
		<i>For 22 Gauge, Add</i>	0.50	
		<i>For 20 Gauge, Add</i>	1.35	

<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 22 Supports for Plaster and Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 13 13-0010 SF 1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel.....	5.83	2.29
For Ceilings >10' High, Add	0.69	
For 24" On Center, Deduct	-0.71	
For 12" On Center, Add	0.94	
For 22 Gauge, Add	0.62	
For 20 Gauge, Add	1.51	
<b>09 22 13 13-0011 Z Furring Channel</b> <small>(09 22 13 13)</small>		
<b>09 22 13 13-0012 Installed On Walls, Z Furring Channel</b> <small>(09 22 13 13-0011)</small>		
09 22 13 13-0013 SF 1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.05	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.44	
For 12" On Center, Add	0.62	
For 22 Gauge, Add	0.16	
For 20 Gauge, Add	0.77	
09 22 13 13-0014 SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.11	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.45	
For 12" On Center, Add	0.64	
For 22 Gauge, Add	0.19	
For 20 Gauge, Add	0.81	
09 22 13 13-0015 SF 2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.17	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.46	
For 12" On Center, Add	0.65	
For 22 Gauge, Add	0.22	
For 20 Gauge, Add	0.85	
09 22 13 13-0016 SF 2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.22	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.47	
For 12" On Center, Add	0.66	
For 22 Gauge, Add	0.25	
For 20 Gauge, Add	0.88	
09 22 13 13-0017 SF 3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel.....	4.26	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.48	
For 12" On Center, Add	0.67	
For 22 Gauge, Add	0.27	
For 20 Gauge, Add	0.91	
<b>09 22 13 23 Resilient Channel Furring</b> <small>(09 22 13)</small>		
<b>09 22 13 23-0001 Single-Leg Resilient Channel, RC1 Furring Channel</b> <small>(09 22 13 23)</small>		
Note: Includes clips where required.		
<b>09 22 13 23-0002 Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel</b> <small>(09 22 13 23-0001)</small>		
09 22 13 23-0003 SF 25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel.....	4.42	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.51	
For 12" On Center, Add	0.70	
For 20 Gauge, Add	1.01	
<b>09 22 13 23-0004 Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel</b> <small>(09 22 13 23-0001)</small>		
09 22 13 23-0005 SF 25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel.....	5.28	2.29
For Ceilings >10' High, Add	0.69	
For 24" On Center, Deduct	-0.60	
For 12" On Center, Add	0.83	
For 20 Gauge, Add	1.14	
<b>09 22 13 23-0006 Double-Leg Resilient Channel, RC2 Furring Channel</b> <small>(09 22 13 23)</small>		
Note: Includes clips where required.		
<b>09 22 13 23-0007 Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel</b> <small>(09 22 13 23-0006)</small>		
09 22 13 23-0008 SF 25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel.....	4.67	1.87
For Walls >10' High, Add	0.56	
For 24" On Center, Deduct	-0.56	
For 12" On Center, Add	0.75	
For 20 Gauge, Add	1.18	
<b>09 22 13 23-0009 Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel</b> <small>(09 22 13 23-0006)</small>		
09 22 13 23-0010 SF 25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel.....	5.53	2.29
For Ceilings >10' High, Add	0.69	
For 24" On Center, Deduct	-0.65	
For 12" On Center, Add	0.88	
For 20 Gauge, Add	1.31	



<b>Finishes</b>	<b>09</b>	
<b>Plaster and Gypsum Board</b>	<b>09 20</b>	<b>09</b>
<b>Supports for Plaster and Gypsum Board</b>	<b>09 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**09 22 16 Non-Structural Metal Framing** (09 22)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

**09 22 16 13 Non-Structural Metal Stud Framing** (09 22 16)

**09 22 16 13-0001 Non Load Bearing Wall Framing, 25 Gauge** (09 22 16 13)

09 22 16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.65	0.78
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
		<i>For Walls &gt;10' High, Add</i>	0.53	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.82	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	2.40	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.56	
		<i>For Horizontal Installation &gt;10' High, Add</i>	0.75	
		<i>For Curved Wall, Add</i>	0.58	
		<i>For 12" On Center, Add</i>	0.43	
		<i>For 24" On Center, Deduct</i>	-0.43	
		<i>For Up To 100, Add</i>	0.92	
		<i>For &gt;100 To 300, Add</i>	0.46	
		<i>For &gt;1,000, Deduct</i>	-0.20	
09 22 16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.82	0.81
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
		<i>For Walls &gt;10' High, Add</i>	0.56	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.91	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	2.52	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.59	
		<i>For Horizontal Installation &gt;10' High, Add</i>	0.79	
		<i>For Curved Wall, Add</i>	0.61	
		<i>For 12" On Center, Add</i>	0.46	
		<i>For 24" On Center, Deduct</i>	-0.46	
		<i>For Up To 100, Add</i>	0.97	
		<i>For &gt;100 To 300, Add</i>	0.49	
		<i>For &gt;1,000, Deduct</i>	-0.22	
09 22 16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.03	0.84
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
		<i>For Walls &gt;10' High, Add</i>	0.61	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.01	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	2.65	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.62	
		<i>For Horizontal Installation &gt;10' High, Add</i>	0.84	
		<i>For Curved Wall, Add</i>	0.64	
		<i>For 12" On Center, Add</i>	0.50	
		<i>For 24" On Center, Deduct</i>	-0.50	
		<i>For Up To 100, Add</i>	1.03	
		<i>For &gt;100 To 300, Add</i>	0.52	
		<i>For &gt;1,000, Deduct</i>	-0.24	
09 22 16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.22	0.89
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
		<i>For Walls &gt;10' High, Add</i>	0.64	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.11	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	2.79	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.66	
		<i>For Horizontal Installation &gt;10' High, Add</i>	0.88	
		<i>For Curved Wall, Add</i>	0.67	
		<i>For 12" On Center, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.53	
		<i>For Up To 100, Add</i>	1.09	
		<i>For &gt;100 To 300, Add</i>	0.55	
		<i>For &gt;1,000, Deduct</i>	-0.26	
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.55	0.94
		<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
		<i>For Walls &gt;10' High, Add</i>	0.71	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.24	
		<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	2.94	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.71	
		<i>For Horizontal Installation &gt;10' High, Add</i>	0.94	
		<i>For Curved Wall, Add</i>	0.71	
		<i>For 12" On Center, Add</i>	0.59	
		<i>For 24" On Center, Deduct</i>	-0.59	
		<i>For Up To 100, Add</i>	1.18	
		<i>For &gt;100 To 300, Add</i>	0.59	
		<i>For &gt;1,000, Deduct</i>	-0.30	

**09 22 16 13-0007 Non Load Bearing Wall Framing, 20 Gauge** (09 22 16 13)

## 09 Finishes

## 09 20 Plaster and Gypsum Board

## 09 22 Supports for Plaster and Gypsum Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0008	SF		1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	2.92	0.79
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.58	
			For Soffit, Columns Or Beams Up To 10' High, Add	1.88	
			For Soffit, Columns Or Beams >10' High, Add	2.48	
			For Horizontal Installation Up To 10' High, Add	0.59	
			For Horizontal Installation >10' High, Add	0.79	
			For Curved Wall, Add	0.60	
			For 12" On Center, Add	0.48	
			For 24" On Center, Deduct	-0.48	
			For Up To 100, Add	0.98	
			For >100 To 300, Add	0.49	
			For >1,000, Deduct	-0.24	
09 22 16 13-0009	SF		2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.17	0.83
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.63	
			For Soffit, Columns Or Beams Up To 10' High, Add	1.99	
			For Soffit, Columns Or Beams >10' High, Add	2.62	
			For Horizontal Installation Up To 10' High, Add	0.63	
			For Horizontal Installation >10' High, Add	0.84	
			For Curved Wall, Add	0.63	
			For 12" On Center, Add	0.53	
			For 24" On Center, Deduct	-0.53	
			For Up To 100, Add	1.05	
			For >100 To 300, Add	0.53	
			For >1,000, Deduct	-0.27	
09 22 16 13-0010	SF		3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	3.46	0.87
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.69	
			For Soffit, Columns Or Beams Up To 10' High, Add	2.10	
			For Soffit, Columns Or Beams >10' High, Add	2.76	
			For Horizontal Installation Up To 10' High, Add	0.67	
			For Horizontal Installation >10' High, Add	0.89	
			For Curved Wall, Add	0.66	
			For 12" On Center, Add	0.58	
			For 24" On Center, Deduct	-0.58	
			For Up To 100, Add	1.13	
			For >100 To 300, Add	0.57	
			For >1,000, Deduct	-0.30	
09 22 16 13-0011	SF		4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners.....	3.66	0.91
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.73	
			For Soffit, Columns Or Beams Up To 10' High, Add	2.20	
			For Soffit, Columns Or Beams >10' High, Add	2.89	
			For Horizontal Installation Up To 10' High, Add	0.71	
			For Horizontal Installation >10' High, Add	0.94	
			For Curved Wall, Add	0.69	
			For 12" On Center, Add	0.62	
			For 24" On Center, Deduct	-0.62	
			For Up To 100, Add	1.19	
			For >100 To 300, Add	0.60	
			For >1,000, Deduct	-0.32	
09 22 16 13-0012	SF		6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.83	0.96
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.97	
			For Soffit, Columns Or Beams Up To 10' High, Add	2.41	
			For Soffit, Columns Or Beams >10' High, Add	3.13	
			For Horizontal Installation Up To 10' High, Add	0.84	
			For Horizontal Installation >10' High, Add	1.09	
			For Curved Wall, Add	0.72	
			For 12" On Center, Add	0.85	
			For 24" On Center, Deduct	-0.85	
			For Up To 100, Add	1.45	
			For >100 To 300, Add	0.72	
			For >1,000, Deduct	-0.48	
09 22 16 13-0013			<b>Non Load Bearing Wall Framing, 18 Gauge</b> (09 22 16 13)		
09 22 16 13-0014	SF		2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.11	0.84
			For Powder-Actuated Fasteners Every 2', Add	0.06	
			For Walls >10' High, Add	0.82	
			For Soffit, Columns Or Beams Up To 10' High, Add	2.12	
			For Soffit, Columns Or Beams >10' High, Add	2.75	
			For Horizontal Installation Up To 10' High, Add	0.73	
			For Horizontal Installation >10' High, Add	0.94	
			For Curved Wall, Add	0.64	
			For 12" On Center, Add	0.72	
			For 24" On Center, Deduct	-0.72	
			For Up To 100, Add	1.25	
			For >100 To 300, Add	0.62	
			For >1,000, Deduct	-0.40	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Plaster and Gypsum Board	09 20	
Supports for Plaster and Gypsum Board	09 22	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 16 13-0015 SF 3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.51	0.89
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	0.90	
For Soffit, Columns Or Beams Up To 10' High, Add	2.25	
For Soffit, Columns Or Beams >10' High, Add	2.93	
For Horizontal Installation Up To 10' High, Add	0.79	
For Horizontal Installation >10' High, Add	1.01	
For Curved Wall, Add	0.68	
For 12" On Center, Add	0.79	
For 24" On Center, Deduct	-0.79	
For Up To 100, Add	1.35	
For >100 To 300, Add	0.68	
For >1,000, Deduct	-0.45	
09 22 16 13-0016 SF 4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.82	0.94
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	0.96	
For Soffit, Columns Or Beams Up To 10' High, Add	2.36	
For Soffit, Columns Or Beams >10' High, Add	3.07	
For Horizontal Installation Up To 10' High, Add	0.83	
For Horizontal Installation >10' High, Add	1.07	
For Curved Wall, Add	0.71	
For 12" On Center, Add	0.85	
For 24" On Center, Deduct	-0.85	
For Up To 100, Add	1.43	
For >100 To 300, Add	0.72	
For >1,000, Deduct	-0.49	
09 22 16 13-0017 SF 6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.09	0.98
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	1.22	
For Soffit, Columns Or Beams Up To 10' High, Add	2.59	
For Soffit, Columns Or Beams >10' High, Add	3.34	
For Horizontal Installation Up To 10' High, Add	0.98	
For Horizontal Installation >10' High, Add	1.23	
For Curved Wall, Add	0.74	
For 12" On Center, Add	1.09	
For 24" On Center, Deduct	-1.09	
For Up To 100, Add	1.71	
For >100 To 300, Add	0.86	
For >1,000, Deduct	-0.67	
09 22 16 13-0018 SF 8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.58	1.05
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	1.32	
For Soffit, Columns Or Beams Up To 10' High, Add	2.73	
For Soffit, Columns Or Beams >10' High, Add	3.51	
For Horizontal Installation Up To 10' High, Add	1.05	
For Horizontal Installation >10' High, Add	1.31	
For Curved Wall, Add	0.78	
For 12" On Center, Add	1.19	
For 24" On Center, Deduct	-1.19	
For Up To 100, Add	1.83	
For >100 To 300, Add	0.92	
For >1,000, Deduct	-0.73	
<b>09 22 16 13-0019 Non Load Bearing Wall Framing, 16 Gauge (09 22 16 13)</b>		
09 22 16 13-0020 SF 2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.35	0.87
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	0.87	
For Soffit, Columns Or Beams Up To 10' High, Add	2.19	
For Soffit, Columns Or Beams >10' High, Add	2.84	
For Horizontal Installation Up To 10' High, Add	0.76	
For Horizontal Installation >10' High, Add	0.98	
For Curved Wall, Add	0.66	
For 12" On Center, Add	0.76	
For 24" On Center, Deduct	-0.76	
For Up To 100, Add	1.31	
For >100 To 300, Add	0.65	
For >1,000, Deduct	-0.43	
09 22 16 13-0021 SF 3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.01	0.91
For Powder-Actuated Fasteners Every 2', Add	0.06	
For Walls >10' High, Add	1.00	
For Soffit, Columns Or Beams Up To 10' High, Add	2.33	
For Soffit, Columns Or Beams >10' High, Add	3.02	
For Horizontal Installation Up To 10' High, Add	0.84	
For Horizontal Installation >10' High, Add	1.07	
For Curved Wall, Add	0.69	
For 12" On Center, Add	0.89	
For 24" On Center, Deduct	-0.89	
For Up To 100, Add	1.46	
For >100 To 300, Add	0.73	
For >1,000, Deduct	-0.52	



**09 Finishes****09 20 Plaster and Gypsum Board****09 22 Supports for Plaster and Gypsum Board**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0022	SF		4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.30	0.96
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls &gt;10' High, Add</i>	1.06	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.46	
			<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	3.18	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.89	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.13	
			<i>For Curved Wall, Add</i>	0.72	
			<i>For 12" On Center, Add</i>	0.94	
			<i>For 24" On Center, Deduct</i>	-0.94	
			<i>For Up To 100, Add</i>	1.54	
			<i>For &gt;100 To 300, Add</i>	0.77	
			<i>For &gt;1,000, Deduct</i>	-0.55	
09 22 16 13-0023	SF		6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.51	1.01
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls &gt;10' High, Add</i>	1.30	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.68	
			<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	3.43	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.03	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.28	
			<i>For Curved Wall, Add</i>	0.76	
			<i>For 12" On Center, Add</i>	1.18	
			<i>For 24" On Center, Deduct</i>	-1.18	
			<i>For Up To 100, Add</i>	1.81	
			<i>For &gt;100 To 300, Add</i>	0.90	
			<i>For &gt;1,000, Deduct</i>	-0.72	
09 22 16 13-0024	SF		8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	7.13	1.07
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls &gt;10' High, Add</i>	1.43	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.84	
			<i>For Soffit, Columns Or Beams &gt;10' High, Add</i>	3.64	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.11	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.38	
			<i>For Curved Wall, Add</i>	0.80	
			<i>For 12" On Center, Add</i>	1.29	
			<i>For 24" On Center, Deduct</i>	-1.29	
			<i>For Up To 100, Add</i>	1.96	
			<i>For &gt;100 To 300, Add</i>	0.98	
			<i>For &gt;1,000, Deduct</i>	-0.80	
<b>09 22 36</b>			<b>Lath</b> <small>(09 22)</small>		
<b>09 22 36 13</b>			<b>Gypsum Lath</b> <small>(09 22 36)</small>		
<b>09 22 36 13-0001</b>			<b>Plaster Base Gypsum Panels</b> <small>(09 22 36 13)</small>		
09 22 36 13-0002	SF		3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.58	0.51
			<i>For Walls &gt;10' High, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 500, Add</i>	0.26	
			<i>For &gt;5,000, Deduct</i>	-0.10	
09 22 36 13-0003	SF		1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.21	0.59
			<i>For Walls &gt;10' High, Add</i>	0.15	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 500, Add</i>	0.30	
			<i>For &gt;5,000, Deduct</i>	-0.12	
09 22 36 13-0004	SF		5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.83	0.68
			<i>For Walls &gt;10' High, Add</i>	0.17	
			<i>For Up To 100, Add</i>	0.69	
			<i>For &gt;100 To 500, Add</i>	0.34	
			<i>For &gt;5,000, Deduct</i>	-0.14	
09 22 36 13-0005	SF		3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.99	0.72
			<i>For Ceilings &gt;10' High, Add</i>	0.22	
			<i>For Up To 100, Add</i>	0.73	
			<i>For &gt;100 To 500, Add</i>	0.36	
			<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 13-0006	SF		1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	2.68	0.83
			<i>For Ceilings &gt;10' High, Add</i>	0.25	
			<i>For Up To 100, Add</i>	0.84	
			<i>For &gt;100 To 500, Add</i>	0.42	
			<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 13-0007	SF		5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	3.37	0.96
			<i>For Ceilings &gt;10' High, Add</i>	0.29	
			<i>For Up To 100, Add</i>	0.96	
			<i>For &gt;100 To 500, Add</i>	0.48	
			<i>For &gt;5,000, Deduct</i>	-0.19	
09 22 36 13-0008	SF		3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.40	0.92
			<i>For Columns And Beams &gt;10' High, Add</i>	0.28	
			<i>For Up To 100, Add</i>	0.93	
			<i>For &gt;100 To 500, Add</i>	0.47	
			<i>For &gt;5,000, Deduct</i>	-0.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0009 SF 1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.16	1.08
<i>For Columns And Beams &gt;10' High, Add</i>	0.32	
<i>For Up To 100, Add</i>	1.08	
<i>For &gt;100 To 500, Add</i>	0.54	
<i>For &gt;5,000, Deduct</i>	-0.22	
09 22 36 13-0010 SF 5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.92	1.24
<i>For Columns And Beams &gt;10' High, Add</i>	0.37	
<i>For Up To 100, Add</i>	1.23	
<i>For &gt;100 To 500, Add</i>	0.62	
<i>For &gt;5,000, Deduct</i>	-0.25	
<b>09 22 36 13-0011 Firestop Plaster Base Gypsum Panels</b> (09 22 36 13)		
09 22 36 13-0012 SF 3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.25	0.51
<i>For Walls &gt;10' High, Add</i>	0.13	
<i>For Up To 100, Add</i>	0.52	
<i>For &gt;100 To 500, Add</i>	0.26	
<i>For &gt;5,000, Deduct</i>	-0.10	
09 22 36 13-0013 SF 1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.62	0.59
<i>For Walls &gt;10' High, Add</i>	0.15	
<i>For Up To 100, Add</i>	0.60	
<i>For &gt;100 To 500, Add</i>	0.30	
<i>For &gt;5,000, Deduct</i>	-0.12	
09 22 36 13-0014 SF 3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.66	0.72
<i>For Ceilings &gt;10' High, Add</i>	0.22	
<i>For Up To 100, Add</i>	0.73	
<i>For &gt;100 To 500, Add</i>	0.36	
<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 13-0015 SF 1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	3.09	0.83
<i>For Ceilings &gt;10' High, Add</i>	0.25	
<i>For Up To 100, Add</i>	0.84	
<i>For &gt;100 To 500, Add</i>	0.42	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 13-0016 SF 3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	3.07	0.92
<i>For Columns And Beams &gt;10' High, Add</i>	0.28	
<i>For Up To 100, Add</i>	0.93	
<i>For &gt;100 To 500, Add</i>	0.47	
<i>For &gt;5,000, Deduct</i>	-0.19	
09 22 36 13-0017 SF 1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel.....	3.57	1.08
<i>For Columns And Beams &gt;10' High, Add</i>	0.32	
<i>For Up To 100, Add</i>	1.08	
<i>For &gt;100 To 500, Add</i>	0.54	
<i>For &gt;5,000, Deduct</i>	-0.22	
<b>09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels</b> (09 22 36 13)		
09 22 36 13-0019 SF 3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	2.25	0.51
<i>For Walls &gt;10' High, Add</i>	0.13	
<i>For Up To 100, Add</i>	0.52	
<i>For &gt;100 To 500, Add</i>	0.26	
<i>For &gt;5,000, Deduct</i>	-0.10	
09 22 36 13-0020 SF 1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel.....	2.62	0.59
<i>For Walls &gt;10' High, Add</i>	0.15	
<i>For Up To 100, Add</i>	0.60	
<i>For &gt;100 To 500, Add</i>	0.30	
<i>For &gt;5,000, Deduct</i>	-0.12	
09 22 36 13-0021 SF 3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	2.66	0.72
<i>For Ceilings &gt;10' High, Add</i>	0.22	
<i>For Up To 100, Add</i>	0.73	
<i>For &gt;100 To 500, Add</i>	0.36	
<i>For &gt;5,000, Deduct</i>	-0.15	
09 22 36 13-0022 SF 1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel.....	3.09	0.83
<i>For Ceilings &gt;10' High, Add</i>	0.25	
<i>For Up To 100, Add</i>	0.84	
<i>For &gt;100 To 500, Add</i>	0.42	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 13-0023 SF 3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	3.07	0.92
<i>For Columns And Beams &gt;10' High, Add</i>	0.28	
<i>For Up To 100, Add</i>	0.93	
<i>For &gt;100 To 500, Add</i>	0.47	
<i>For &gt;5,000, Deduct</i>	-0.19	
09 22 36 13-0024 SF 1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel.....	3.57	1.08
<i>For Columns And Beams &gt;10' High, Add</i>	0.32	
<i>For Up To 100, Add</i>	1.08	
<i>For &gt;100 To 500, Add</i>	0.54	
<i>For &gt;5,000, Deduct</i>	-0.22	
<b>09 22 36 23 Metal Lath</b> (09 22 36)		
09 22 36 23-0001 Flat Diamond, Expanded Metal Lath (09 22 36 23)		

## 09 Finishes

## 09 20 Plaster and Gypsum Board

## 09 22 Supports for Plaster and Gypsum Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0002	SF	1.75 Lb./SY	Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	2.51	0.71
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 500, Add</i>	0.40	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0003	SF	2 Lb./SY	Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	2.64	0.71
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 500, Add</i>	0.40	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0004	SF	2.5 Lb./SY	Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	2.77	0.71
			<i>For Walls &gt;10' High, Add</i>	0.20	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 500, Add</i>	0.40	
			<i>For &gt;5,000, Deduct</i>	-0.16	
09 22 36 23-0005	SF	3.4 Lb./SY	Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath.....	3.21	0.76
			<i>For Walls &gt;10' High, Add</i>	0.21	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 500, Add</i>	0.43	
			<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0006	SF	1.75 Lb./SY	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.73	0.81
			<i>For Ceilings &gt;10' High, Add</i>	0.27	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 500, Add</i>	0.46	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0007	SF	2 Lb./SY	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.86	0.81
			<i>For Ceilings &gt;10' High, Add</i>	0.27	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 500, Add</i>	0.46	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0008	SF	2.5 Lb./SY	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.99	0.81
			<i>For Ceilings &gt;10' High, Add</i>	0.27	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 500, Add</i>	0.46	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0009	SF	3.4 Lb./SY	Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	3.33	0.81
			<i>For Ceilings &gt;10' High, Add</i>	0.27	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 500, Add</i>	0.46	
			<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0010	SF	1.75 Lb./SY	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.54	1.15
			<i>For Columns And Beams &gt;10' High, Add</i>	0.38	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.28	
			<i>For &gt;100 To 500, Add</i>	0.64	
			<i>For &gt;5,000, Deduct</i>	-0.26	
09 22 36 23-0011	SF	2 Lb./SY	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.68	1.15
			<i>For Columns And Beams &gt;10' High, Add</i>	0.38	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.28	
			<i>For &gt;100 To 500, Add</i>	0.64	
			<i>For &gt;5,000, Deduct</i>	-0.26	
09 22 36 23-0012	SF	2.5 Lb./SY	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.81	1.15
			<i>For Columns And Beams &gt;10' High, Add</i>	0.38	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.28	
			<i>For &gt;100 To 500, Add</i>	0.64	
			<i>For &gt;5,000, Deduct</i>	-0.26	
09 22 36 23-0013	SF	3.4 Lb./SY	Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	4.78	1.44
			<i>For Columns And Beams &gt;10' High, Add</i>	0.48	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	1.60	
			<i>For &gt;100 To 500, Add</i>	0.80	
			<i>For &gt;5,000, Deduct</i>	-0.32	
09 22 36 23-0014	Self-Furring, Flat Diamond, Expanded Metal Lath (09 22 36 23)				
09 22 36 23-0015	SF	1.75 Lb./SY	Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath.....	2.61	0.76
			<i>For Walls &gt;10' High, Add</i>	0.21	
			<i>For Paper Backed Lath, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 500, Add</i>	0.43	
			<i>For &gt;5,000, Deduct</i>	-0.17	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 22 36 23-0016 SF 2.0 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath.....	2.74	0.76
<i>For Walls &gt;10' High, Add</i>	0.21	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.85	
<i>For &gt;100 To 500, Add</i>	0.43	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0017 SF 2.5 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath.....	2.87	0.76
<i>For Walls &gt;10' High, Add</i>	0.21	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.85	
<i>For &gt;100 To 500, Add</i>	0.43	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0018 SF 3.4 Lb./SY, Installed On Solid Wall Surface, Self-Furring, Flat Diamond, Expanded Metal Lath.....	3.21	0.76
<i>For Walls &gt;10' High, Add</i>	0.21	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.85	
<i>For &gt;100 To 500, Add</i>	0.43	
<i>For &gt;5,000, Deduct</i>	-0.17	
09 22 36 23-0019 SF 1.75 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath.....	4.18	1.44
<i>For Columns And Beams &gt;10' High, Add</i>	0.48	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.60	
<i>For &gt;100 To 500, Add</i>	0.80	
<i>For &gt;5,000, Deduct</i>	-0.32	
09 22 36 23-0020 SF 2.0 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath.....	4.32	1.44
<i>For Columns And Beams &gt;10' High, Add</i>	0.48	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.60	
<i>For &gt;100 To 500, Add</i>	0.80	
<i>For &gt;5,000, Deduct</i>	-0.32	
09 22 36 23-0021 SF 2.5 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath.....	4.45	1.44
<i>For Columns And Beams &gt;10' High, Add</i>	0.48	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.60	
<i>For &gt;100 To 500, Add</i>	0.80	
<i>For &gt;5,000, Deduct</i>	-0.32	
09 22 36 23-0022 SF 3.4 Lb./SY, Installed On Columns And Beams, Self-Furring, Flat Diamond, Expanded Metal Lath.....	5.23	1.65
<i>For Columns And Beams &gt;10' High, Add</i>	0.55	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.82	
<i>For &gt;100 To 500, Add</i>	0.91	
<i>For &gt;5,000, Deduct</i>	-0.36	
<b>09 22 36 23-0023 High Rib Metal Lath</b> <small>(09 22 36 23)</small>		
09 22 36 23-0024 SF 2.75 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath .....	3.10	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0025 SF 3.4 Lb./SY, Installed On Ceiling, 1/8" High Rib Metal Lath .....	3.29	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0026 SF 3.4 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath .....	3.41	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 23-0027 SF 4.0 Lb./SY, Installed On Ceiling, 3/8" High Rib Metal Lath .....	3.62	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
<b>09 22 36 33 Fiberglass Lath</b> <small>(09 22 36)</small>		
<b>09 22 36 33-0001 Non-Metallic, Fiberglass Lath</b> <small>(09 22 36 33)</small>		
09 22 36 33-0002 SF 1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.40	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 33-0003 SF 1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath.....	3.65	0.81
<i>For Ceilings &gt;10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 500, Add</i>	0.46	
<i>For &gt;5,000, Deduct</i>	-0.18	
09 22 36 33-0004 SF 1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath .....	3.28	0.76
<i>For Walls &gt;10' High, Add</i>	0.21	
<i>For Up To 100, Add</i>	0.85	
<i>For &gt;100 To 500, Add</i>	0.43	
<i>For &gt;5,000, Deduct</i>	-0.17	

<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 22 Supports for Plaster and Gypsum Board</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 33-0005	SF		1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath .....	3.53	0.76
			<i>For Walls &gt;10' High, Add</i>	0.21	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 500, Add</i>	0.43	
			<i>For &gt;5,000, Deduct</i>	-0.17	

**09 23 Gypsum Plastering** (09 20)

**09 23 13 Acoustical Gypsum Plastering** (09 23)

Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.

**09 23 13 00-0001 Casing And Corner Beads** (09 23 13)

09 23 13 00-0002	LF		Galvanized Expanded Flange Casing Bead For Plaster Applications.....	4.77	1.15
09 23 13 00-0003	LF		Zinc Expanded Flange Casing Bead For Plaster Applications.....	4.78	1.15
09 23 13 00-0004	LF		Vinyl Expanded Flange Casing Bead For Plaster Applications.....	4.69	1.15
09 23 13 00-0005	LF		Galvanized Corner Bead For Plaster Applications.....	4.57	1.15
09 23 13 00-0006	LF		Vinyl Corner Bead For Plaster Applications.....	4.44	1.15
09 23 13 00-0007	LF		Corner Bead, Vinyl, Arch .....	4.82	1.15

**09 23 13 00-0008 Trim** (09 23 13)

09 23 13 00-0009	LF		Galvanized "J" Trim For Plaster Applications.....	4.69	1.15
			<i>For Vinyl Instead Of Galvanized, Add</i>	0.16	
			<i>For Zinc Instead Of Galvanized, Add</i>	1.06	
09 23 13 00-0010	LF		Galvanized "L" Trim For Plaster Applications.....	4.69	1.15
			<i>For Vinyl Instead Of Galvanized, Add</i>	0.16	
			<i>For Zinc Instead Of Galvanized, Add</i>	1.06	
09 23 13 00-0011	LF		Galvanized "U" Trim For Plaster Applications.....	4.69	1.15
			<i>For Vinyl Instead Of Galvanized, Add</i>	0.16	
			<i>For Zinc Instead Of Galvanized, Add</i>	1.06	

**09 23 13 00-0012 Plaster Forms And Expansion Joints** (09 23 13)

09 23 13 00-0013	LF		3/4" Galvanized Expansion Joint For Plaster Applications.....	5.68	1.15
------------------	----	--	---	------	------

**09 23 13 00-0014 One Skim Coat Gypsum Plaster On Walls** (09 23 13)

09 23 13 00-0015	SF		Skim Coat One Coat Gypsum Plaster On Walls.....	1.40	
			<i>For Walls &gt;10' High, Add</i>	0.12	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.18	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.36	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.37	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.55	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 500, Add</i>	0.30	
			<i>For &gt;5,000, Deduct</i>	-0.24	
09 23 13 00-0016	SF		For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls.....	1.02	
			<i>For Walls &gt;10' High, Add</i>	0.09	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.13	
			<i>For Horizontal Installation &gt;10' High, Add</i>	0.26	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.27	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.40	
			<i>For Up To 100, Add</i>	0.43	
			<i>For &gt;100 To 500, Add</i>	0.22	
			<i>For &gt;5,000, Deduct</i>	-0.17	

**09 23 13 00-0017 Two Coats Gypsum Plaster On Walls** (09 23 13)

09 23 13 00-0018	SF		Smooth Finish Two Coats Gypsum Plaster On Walls.....	6.93	3.97
			<i>For Walls &gt;10' High, Add</i>	0.65	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.98	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.96	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.03	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.01	
			<i>For Up To 100, Add</i>	3.27	
			<i>For &gt;100 To 500, Add</i>	1.64	
			<i>For &gt;5,000, Deduct</i>	-1.31	
09 23 13 00-0019	SF		Sand Aggregate Two Coats Gypsum Plaster On Walls.....	7.10	3.75
			<i>For Walls &gt;10' High, Add</i>	0.61	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.92	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.84	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.90	
			<i>For Columns Or Beams &gt;10' High, Add</i>	2.82	
			<i>For Up To 100, Add</i>	3.07	
			<i>For &gt;100 To 500, Add</i>	1.53	
			<i>For &gt;5,000, Deduct</i>	-1.23	



		<b>Finishes</b>	<b>09</b>
		Plaster and Gypsum Board	09 20
		Gypsum Plastering	09 23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0020	SF		Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls.....	7.15	3.75
			<i>For Walls &gt;10' High, Add</i>	0.61	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.92	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.84	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.90	
			<i>For Columns Or Beams &gt;10' High, Add</i>	2.82	
			<i>For Up To 100, Add</i>	3.07	
			<i>For &gt;100 To 500, Add</i>	1.53	
			<i>For &gt;5,000, Deduct</i>	-1.23	
<b>09 23 13 00-0021</b>			<b>Three Coats Gypsum Plaster On Walls</b> (09 23 13)		
09 23 13 00-0022	SF		Smooth Finish Three Coats Gypsum Plaster On Walls.....	8.37	4.82
			<i>For Walls &gt;10' High, Add</i>	0.78	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.17	
			<i>For Horizontal Installation &gt;10' High, Add</i>	2.34	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.42	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.59	
			<i>For Up To 100, Add</i>	3.91	
			<i>For &gt;100 To 500, Add</i>	1.95	
			<i>For &gt;5,000, Deduct</i>	-1.56	
09 23 13 00-0023	SF		Sand Aggregate Three Coats Gypsum Plaster On Walls.....	8.39	4.40
			<i>For Walls &gt;10' High, Add</i>	0.73	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.09	
			<i>For Horizontal Installation &gt;10' High, Add</i>	2.18	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.25	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.34	
			<i>For Up To 100, Add</i>	3.63	
			<i>For &gt;100 To 500, Add</i>	1.81	
			<i>For &gt;5,000, Deduct</i>	-1.45	
09 23 13 00-0024	SF		Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls.....	7.89	4.40
			<i>For Walls &gt;10' High, Add</i>	0.72	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.08	
			<i>For Horizontal Installation &gt;10' High, Add</i>	2.16	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.24	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.32	
			<i>For Up To 100, Add</i>	3.61	
			<i>For &gt;100 To 500, Add</i>	1.80	
			<i>For &gt;5,000, Deduct</i>	-1.44	
<b>09 23 13 00-0025</b>			<b>Plaster Bonding Agent</b> (09 23 13)		
09 23 13 00-0026	SF		1 Coat, Brush/Roller Applied Plaster Bonding Agent.....	0.84	
			<i>For Walls &gt;10' High, Add</i>	0.06	
			<i>For Columns Or Beams Up To 10' High, Add</i>	0.19	
			<i>For Columns Or Beams &gt;10' High, Add</i>	0.28	
			<i>For Ceiling Application Up To 10' High, Add</i>	0.08	
			<i>For Ceiling Application &gt;10' High, Add</i>	0.14	
<b>09 24</b>			<b>Cement Plastering</b> (09 20)		
<b>09 24 13</b>			<b>Acoustical Cement Plastering</b> (09 24)		
<b>09 24 13 00-0001</b>			<b>Keene's Cement Plaster, Quick Setting, White Hard Plaster</b> (09 24 13)		
			Note: Used for areas with higher than normal moisture.		
09 24 13 00-0002	SF		1 Coat Keene's Cement Plaster On Walls.....	5.48	2.68
			<i>For Walls &gt;10' High, Add</i>	0.43	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.64	
			<i>For Horizontal Installation &gt;10' High, Add</i>	1.29	
			<i>For Columns Or Beams Up To 10' High, Add</i>	1.33	
			<i>For Columns Or Beams &gt;10' High, Add</i>	1.97	
			<i>For Up To 100, Add</i>	2.15	
			<i>For &gt;100 To 500, Add</i>	1.07	
			<i>For &gt;5,000, Deduct</i>	-0.86	
09 24 13 00-0003	SF		2 Coat Keene's Cement Plaster On Walls.....	8.30	4.18
			<i>For Walls &gt;10' High, Add</i>	0.68	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.02	
			<i>For Horizontal Installation &gt;10' High, Add</i>	2.04	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.11	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.13	
			<i>For Up To 100, Add</i>	3.40	
			<i>For &gt;100 To 500, Add</i>	1.70	
			<i>For &gt;5,000, Deduct</i>	-1.36	
09 24 13 00-0004	SF		3 Coat Keene's Cement Plaster On Walls.....	9.39	4.72
			<i>For Walls &gt;10' High, Add</i>	0.77	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.15	
			<i>For Horizontal Installation &gt;10' High, Add</i>	2.31	
			<i>For Columns Or Beams Up To 10' High, Add</i>	2.38	
			<i>For Columns Or Beams &gt;10' High, Add</i>	3.54	
			<i>For Up To 100, Add</i>	3.85	
			<i>For &gt;100 To 500, Add</i>	1.92	
			<i>For &gt;5,000, Deduct</i>	-1.54	

**09 24 23**      **Cement Stucco** (09 24)



**09 Finishes****09 20 Plaster and Gypsum Board****09 24 Cement Plastering**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

**09 24 23 00-0001****Stucco** (09 24 23)

Note: Excludes wall scaffolding or lifting equipment. See CSI section 09 22 36 00-0000 for lath.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco .....	10.43	3.33
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.91	
		For Horizontal Installation Up To 10' High, Add	1.36	
		For Horizontal Installation >10' High, Add	2.73	
		For Columns Or Beams Up To 10' High, Add	2.82	
		For Columns Or Beams >10' High, Add	4.18	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.91	
		For Up To 100, Add	4.55	
		For >100 To 500, Add	2.27	
		For >5,000, Deduct	-1.82	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco .....	4.51	1.61
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.33	
		For Horizontal Installation Up To 10' High, Add	0.50	
		For Horizontal Installation >10' High, Add	1.00	
		For Columns Or Beams Up To 10' High, Add	1.03	
		For Columns Or Beams >10' High, Add	1.53	
		For Up To 100, Add	1.67	
		For >100 To 500, Add	0.83	
		For >5,000, Deduct	-0.67	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco .....	6.88	1.61
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.59	
		For Horizontal Installation Up To 10' High, Add	0.89	
		For Horizontal Installation >10' High, Add	1.77	
		For Columns Or Beams Up To 10' High, Add	1.83	
		For Columns Or Beams >10' High, Add	2.71	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.62	
		For Up To 100, Add	2.95	
		For >100 To 500, Add	1.48	
		For >5,000, Deduct	-1.18	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco .....	4.46	1.07
		Note: Excludes lath and felt. Interior or exterior, one side.		
		For Walls >10' High, Add	0.43	
		For Horizontal Installation Up To 10' High, Add	0.64	
		For Horizontal Installation >10' High, Add	1.29	
		For Columns Or Beams Up To 10' High, Add	1.33	
		For Columns Or Beams >10' High, Add	1.97	
		For Color Added To Finish Coat, Add	0.15	
		For Smooth Float Finish, Add	1.62	
		For Up To 100, Add	2.15	
		For >100 To 500, Add	1.07	
		For >5,000, Deduct	-0.86	

**09 24 33 Cement Parging** (09 24)**09 24 33 00-0001****Cement Parging** (09 24 33)

09 24 33 00-0002	SF	1/8" Thick Sand And Cement Parging .....	4.86	
09 24 33 00-0003	SF	1/4" Thick Sand And Cement Parging .....	6.19	
09 24 33 00-0004	SF	1/2" Thick Sand And Cement Parging .....	9.45	

**09 28 Backing Boards and Underlayments** (09 20)**09 28 13****Cementitious Backing Boards** (09 28)**09 28 13 00-0001****Cementitious Backer Units** (09 28 13)

Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable. HardieBacker.

09 28 13 00-0002	SF	1/4" Cementitious Backer Units For Installation On Floors .....	4.17	0.74
		For Up To 50, Add	3.28	
		For >50 To 250, Add	0.60	
		For >1,000, Deduct	-0.30	
		For Installation On Wall, Add	0.60	
		For Installation On Ceiling, Add	1.49	
09 28 13 00-0003	SF	1/2" Cementitious Backer Units For Installation On Floors .....	4.81	0.90
		For Up To 50, Add	3.88	
		For >50 To 250, Add	0.71	
		For >1,000, Deduct	-0.36	
		For Installation On Wall, Add	0.71	
		For Installation On Ceiling, Add	1.79	
09 28 13 00-0004	SF	5/8" Cementitious Backer Units For Installation On Floors .....	5.93	1.04
		For Up To 50, Add	4.61	
		For >50 To 250, Add	0.83	
		For >1,000, Deduct	-0.42	
		For Installation On Wall, Add	0.83	
		For Installation On Ceiling, Add	2.09	



		<b>Finishes</b>	<b>09</b>
		<b>Plaster and Gypsum Board</b>	<b>09 20</b>
		<b>Backing Boards and Underlayments</b>	<b>09 28</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	---------------------------	-------------------------

**09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)**

09 28 16 00-0001	Glass Mat Faced Backer Units, DensShield (09 28 16)	Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.			
09 28 16 00-0002	SF 1/2" DensShield Tile Backer For Installation On Floors .....	3.59		0.84	
	For Up To 50, Add	2.50			
	For >50 To 250, Add	0.43			
	For >1,000, Deduct	-0.21			
	For Installation On Wall, Add	0.43			
	For Installation On Ceiling, Add	1.07			
09 28 16 00-0003	SF 5/8" DensShield Tile Backer For Installation On Floors .....	3.87		0.96	
	For Up To 50, Add	2.75			
	For >50 To 250, Add	0.48			
	For >1,000, Deduct	-0.24			
	For Installation On Wall, Add	0.48			
	For Installation On Ceiling, Add	1.19			

**09 29 Gypsum Board (09 20)**

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

**09 29 10 Gypsum Board (09 29)**

09 29 10 00-0001	Standard Gypsum Board Application (09 29 10)	Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.			
09 29 10 00-0002	Standard Gypsum Board Application (09 29 10 00-0001)				
09 29 10 00-0003	SF 1/4" Gypsum Board.....	1.33		0.47	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.22			
	For Adhesive Applied Sheets, Add	0.11			
	Note: Includes bracing until adhesive is bonded				
	For Horizontal Installation Up To 10' High, Add	0.33			
	For Horizontal Installation >10' High, Add	0.48			
	For Walls >10' High, Add	0.08			
	For Up To 128, Add	0.46			
	For >128 To 320, Add	0.28			
	For >1,536, Deduct	-0.10			
09 29 10 00-0004	SF 3/8" Gypsum Board.....	1.44		0.53	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.25			
	For Adhesive Applied Sheets, Add	0.11			
	Note: Includes bracing until adhesive is bonded				
	For Foil Back Board, Add	0.10			
	For Horizontal Installation Up To 10' High, Add	0.36			
	For Horizontal Installation >10' High, Add	0.54			
	For Walls >10' High, Add	0.09			
	For Up To 128, Add	0.50			
	For >128 To 320, Add	0.30			
	For >1,536, Deduct	-0.11			
09 29 10 00-0005	SF 1/2" Gypsum Board.....	1.60		0.61	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.29			
	For Adhesive Applied Sheets, Add	0.12			
	Note: Includes bracing until adhesive is bonded				
	For Foil Back Board, Add	0.10			
	For Horizontal Installation Up To 10' High, Add	0.42			
	For Horizontal Installation >10' High, Add	0.62			
	For Walls >10' High, Add	0.10			
	For Up To 128, Add	0.57			
	For >128 To 320, Add	0.34			
	For >1,536, Deduct	-0.12			
09 29 10 00-0006	SF 5/8" Gypsum Board.....	1.88		0.70	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33			
	For Adhesive Applied Sheets, Add	0.13			
	Note: Includes bracing until adhesive is bonded				
	For Foil Back Board, Add	0.10			
	For Horizontal Installation Up To 10' High, Add	0.48			
	For Horizontal Installation >10' High, Add	0.71			
	For Walls >10' High, Add	0.11			
	For Up To 128, Add	0.66			
	For >128 To 320, Add	0.40			
	For >1,536, Deduct	-0.14			

09 29 10 00-0007	Fire Rated Gypsum Board Application (09 29 10 00-0001)			
09 29 10 00-0008	Type X, Fire Rated Gypsum Board (09 29 10 00-0007)			

<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 29 Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0009 SF 5/8" Type X Fire Rated Gypsum Board.....	2.01	0.70
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.53	
For Horizontal Installation >10' High, Add	0.78	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.71	
For >128 To 320, Add	0.44	
For >1,536, Deduct	-0.15	
<b>09 29 10 00-0010 Type C, Fire Rated Gypsum Board (09 29 10 00-0007)</b>		
09 29 10 00-0011 SF 1/2" Type C Fire Rated Gypsum Board .....	1.83	0.61
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.46	
For Horizontal Installation >10' High, Add	0.68	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.64	
For >128 To 320, Add	0.39	
For >1,536, Deduct	-0.14	
09 29 10 00-0012 SF 5/8" Type C Fire Rated Gypsum Board .....	2.06	0.70
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Foil Back Board, Add	0.10	
For Horizontal Installation Up To 10' High, Add	0.53	
For Horizontal Installation >10' High, Add	0.78	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.72	
For >128 To 320, Add	0.44	
For >1,536, Deduct	-0.15	
<b>09 29 10 00-0013 Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 10 00-0007)</b>		
09 29 10 00-0014 SF 3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®).....	2.70	0.70
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.37	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.53	
For Horizontal Installation >10' High, Add	0.78	
For Walls >10' High, Add	0.12	
For Up To 128, Add	0.85	
For >128 To 320, Add	0.50	
For >1,536, Deduct	-0.25	
<b>09 29 10 00-0015 Moisture Resistant Gypsum Board Application (09 29 10 00-0001)</b>		
Note: Water-resistant gypsum core.		
09 29 10 00-0016 SF 1/2" Moisture Resistant Gypsum Board .....	1.72	0.61
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.29	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.42	
For Horizontal Installation >10' High, Add	0.62	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.59	
For >128 To 320, Add	0.36	
For >1,536, Deduct	-0.14	
09 29 10 00-0017 SF 5/8" Moisture Resistant Gypsum Board .....	2.19	0.61
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.48	
For Horizontal Installation >10' High, Add	0.71	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.72	
For >128 To 320, Add	0.43	
For >1,536, Deduct	-0.19	
<b>09 29 10 00-0018 Vinyl Faced Gypsum Board Application (09 29 10 00-0001)</b>		
Note: Includes clips and adhesive.		



<b>Finishes</b>	<b>09</b>	<b>09</b>
Plaster and Gypsum Board	09 20	
Gypsum Board	09 29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0019	SF		3/8" Prefinished, Vinyl Faced Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	2.96 0.27 0.11  0.36 0.54 0.09 0.81 0.46 -0.34	0.47
09 29 10 00-0020	SF		1/2" Prefinished, Vinyl Faced Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	3.12 0.30 0.12  0.42 0.62 0.10 0.87 0.50 -0.35	0.61
09 29 10 00-0021	SF		5/8" Prefinished, Vinyl Faced Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	3.31 0.35 0.13  0.48 0.71 0.11 0.95 0.54 -0.35	0.70
09 29 10 00-0022	SF		1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	3.60 0.34 0.13  0.46 0.68 0.11 0.99 0.56 -0.40	0.61
09 29 10 00-0023	SF		5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board ..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	5.40 0.40 0.14  0.53 0.78 0.12 1.39 0.77 -0.65	0.70
<b>09 29 10 00-0024</b>			<b>Moisture And Mold Resistant Gypsum Board Application</b> (09 29 10 00-0001)		
09 29 10 00-0025	SF		1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	1.96 0.29 0.12  -0.08 0.42 0.62 0.10 0.64 0.38 -0.17	0.59
09 29 10 00-0026	SF		5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™)..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i> <i>For Adhesive Applied Sheets, Add</i> <i>Note: Includes bracing until adhesive is bonded</i> <i>For Non-reinforced Board, Deduct</i> <i>For Horizontal Installation Up To 10' High, Add</i> <i>For Horizontal Installation &gt;10' High, Add</i> <i>For Walls &gt;10' High, Add</i> <i>For Up To 128, Add</i> <i>For &gt;128 To 320, Add</i> <i>For &gt;1,536, Deduct</i>	2.32 0.34 0.13  -0.08 0.48 0.71 0.11 0.75 0.45 -0.21	0.67

**09 Finishes****09 20 Plaster and Gypsum Board****09 29 Gypsum Board**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 29 10 00-0027	SF	1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.31		0.59
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.32	
		<i>For Adhesive Applied Sheets, Add</i>		0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.46	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.68	
		<i>For Walls &gt;10' High, Add</i>		0.11	
		<i>For Up To 128, Add</i>		0.73	
		<i>For &gt;128 To 320, Add</i>		0.44	
		<i>For &gt;1,536, Deduct</i>		-0.21	
09 29 10 00-0028	SF	5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.59		0.67
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.37	
		<i>For Adhesive Applied Sheets, Add</i>		0.14	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.53	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.78	
		<i>For Walls &gt;10' High, Add</i>		0.12	
		<i>For Up To 128, Add</i>		0.83	
		<i>For &gt;128 To 320, Add</i>		0.49	
		<i>For &gt;1,536, Deduct</i>		-0.23	
<b>09 29 10 00-0029</b>		<b>Impact Resistant Gypsum Board</b> (09 29 10 00-0001)			
		<i>Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant</i>			
09 29 10 00-0030	SF	5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®).....	4.12		0.67
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.35	
		<i>For Adhesive Applied Sheets, Add</i>		0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.48	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.70	
		<i>For Walls &gt;10' High, Add</i>		0.11	
		<i>For Up To 128, Add</i>		1.10	
		<i>For &gt;128 To 320, Add</i>		0.62	
		<i>For &gt;1,536, Deduct</i>		-0.48	
<b>09 29 10 00-0031</b>		<b>Abuse Resistant Gypsum Board</b> (09 29 10 00-0001)			
		<i>Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant</i>			
09 29 10 00-0032	SF	5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®).....	2.36		0.67
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.33	
		<i>For Adhesive Applied Sheets, Add</i>		0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.48	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.70	
		<i>For Walls &gt;10' High, Add</i>		0.11	
		<i>For Up To 128, Add</i>		0.75	
		<i>For &gt;128 To 320, Add</i>		0.45	
		<i>For &gt;1,536, Deduct</i>		-0.21	
<b>09 29 10 00-0033</b>		<b>Noise Reducing Gypsum Board</b> (09 29 10 00-0001)			
09 29 10 00-0034	SF	1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	4.25		0.71
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.36	
		<i>For Adhesive Applied Sheets, Add</i>		0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.49	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.72	
		<i>For Walls &gt;10' High, Add</i>		0.11	
		<i>For Up To 128, Add</i>		1.14	
		<i>For &gt;128 To 320, Add</i>		0.64	
		<i>For &gt;1,536, Deduct</i>		-0.49	
09 29 10 00-0035	SF	5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	5.03		0.71
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		0.36	
		<i>For Adhesive Applied Sheets, Add</i>		0.13	
		<i>Note: Includes bracing until adhesive is bonded</i>			
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.49	
		<i>For Horizontal Installation &gt;10' High, Add</i>		0.72	
		<i>For Walls &gt;10' High, Add</i>		0.11	
		<i>For Up To 128, Add</i>		1.29	
		<i>For &gt;128 To 320, Add</i>		0.72	
		<i>For &gt;1,536, Deduct</i>		-0.61	



<b>Finishes</b>	<b>09</b>	
Plaster and Gypsum Board	09 20	9
Gypsum Board	09 29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 29 10 00-0036</b> Finishing Gypsum Board Applications <small>(09 29 10)</small>		
Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
<b>09 29 10 00-0037</b> Finish Gypsum Board Walls, ASTM C840 Level 4 <small>(09 29 10 00-0036)</small>		
09 29 10 00-0038 SF Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.77	
For Up To 128, Add	0.29	
For >128 To 320, Add	0.18	
For >5,400, Deduct	-0.08	
For ASTM C840 Level 1 Finish, Deduct	-0.36	
For ASTM C840 Level 2 Finish, Deduct	-0.18	
For ASTM C840 Level 3 Finish, Deduct	-0.07	
For ASTM C840 Level 5 High Quality Finish, Add	0.57	
09 29 10 00-0039 SF >10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	1.03	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.40	
For >128 To 320, Add	0.25	
For >5,400, Deduct	-0.10	
For ASTM C840 Level 1 Finish, Deduct	-0.49	
For ASTM C840 Level 2 Finish, Deduct	-0.25	
For ASTM C840 Level 3 Finish, Deduct	-0.10	
For ASTM C840 Level 5 High Quality Finish, Add	0.76	
<b>09 29 10 00-0040</b> Finish Gypsum Board Ceilings, ASTM C840 Level 4 <small>(09 29 10 00-0036)</small>		
09 29 10 00-0041 SF Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.00	
For Up To 128, Add	0.39	
For >128 To 320, Add	0.24	
For >5,400, Deduct	-0.10	
For ASTM C840 Level 1 Finish, Deduct	-0.48	
For ASTM C840 Level 2 Finish, Deduct	-0.24	
For ASTM C840 Level 3 Finish, Deduct	-0.10	
For ASTM C840 Level 5 High Quality Finish, Add	0.74	
09 29 10 00-0042 SF >10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.34	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.52	
For >128 To 320, Add	0.32	
For >5,400, Deduct	-0.13	
For ASTM C840 Level 1 Finish, Deduct	-0.65	
For ASTM C840 Level 2 Finish, Deduct	-0.32	
For ASTM C840 Level 3 Finish, Deduct	-0.13	
For ASTM C840 Level 5 High Quality Finish, Add	0.99	
<b>09 29 10 00-0043</b> Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 <small>(09 29 10 00-0036)</small>		
Note: Inside or outside gypsum board corners.		
09 29 10 00-0044 LF Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.54	
For ASTM C840 Level 1 Finish, Deduct	-0.72	
For ASTM C840 Level 2 Finish, Deduct	-0.36	
For ASTM C840 Level 3 Finish, Deduct	-0.15	
For ASTM C840 Level 5 High Quality Finish, Add	1.13	
09 29 10 00-0045 LF >10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.83	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-0.86	
For ASTM C840 Level 2 Finish, Deduct	-0.43	
For ASTM C840 Level 3 Finish, Deduct	-0.17	
For ASTM C840 Level 5 High Quality Finish, Add	1.35	
<b>09 29 10 00-0046</b> Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 <small>(09 29 10 00-0036)</small>		
Note: Inside or outside gypsum board corners.		
09 29 10 00-0047 LF Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	1.78	
For ASTM C840 Level 1 Finish, Deduct	-0.84	
For ASTM C840 Level 2 Finish, Deduct	-0.42	
For ASTM C840 Level 3 Finish, Deduct	-0.17	
For ASTM C840 Level 5 High Quality Finish, Add	1.31	
09 29 10 00-0048 LF >10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	2.14	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-1.02	
For ASTM C840 Level 2 Finish, Deduct	-0.51	
For ASTM C840 Level 3 Finish, Deduct	-0.21	
For ASTM C840 Level 5 High Quality Finish, Add	1.58	



<b>09</b>	<b>09 Finishes</b>
	<b>09 20 Plaster and Gypsum Board</b>
	<b>09 29 Gypsum Board</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 29 10 00-0049 Casing And Corner Beads</b> (09 29 10)		
09 29 10 00-0050 LF Casing, Galvanized Steel J-Bead For Gypsum Board .....	4.12	1.19
For Up To 100, Add	0.27	
For >500, Deduct	-0.21	
09 29 10 00-0051 LF Corner Bead, Galvanized Steel For Gypsum Board .....	4.21	1.19
For Up To 100, Add	0.29	
For >500, Deduct	-0.21	
<b>09 29 10 00-0052 Preformed Architectural Profiles</b> (09 29 10)		
<b>09 29 10 00-0053 Trim Reveals For Gypsum Board</b> (09 29 10 00-0052)		
09 29 10 00-0054 LF 1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.17	1.43
09 29 10 00-0055 LF 1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.22	1.43
09 29 10 00-0056 LF 3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.42	1.43
09 29 10 00-0057 LF 1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.52	1.43
09 29 10 00-0058 LF 5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.78	1.43
09 29 10 00-0059 LF 3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.03	1.43
09 29 10 00-0060 LF 1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.28	1.43
09 29 10 00-0061 LF 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	8.10	1.43
09 29 10 00-0062 LF 2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	8.91	1.43
09 29 10 00-0063 LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.30	1.55
09 29 10 00-0064 LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.30	1.55
09 29 10 00-0065 LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.86	1.55
09 29 10 00-0066 LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.96	1.55
09 29 10 00-0067 LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.32	1.55
09 29 10 00-0068 LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.47	1.55
09 29 10 00-0069 LF 1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.68	1.55
09 29 10 00-0070 LF 1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	8.59	1.55
09 29 10 00-0071 LF 2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	9.51	1.55
09 29 10 00-0072 LF 3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	13.13	1.78
09 29 10 00-0073 LF 4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	14.66	1.78
<b>09 29 10 00-0074 Edge Trim For Gypsum Board</b> (09 29 10 00-0052)		
09 29 10 00-0075 LF 1/2" Aluminum Extrusions, Edge Trim For Gypsum Board .....	5.62	1.49
09 29 10 00-0076 LF 5/8" Aluminum Extrusions, Edge Trim For Gypsum Board .....	6.03	1.49
09 29 10 00-0077 LF 1" Aluminum Extrusions, Edge Trim For Gypsum Board .....	7.06	1.64
09 29 10 00-0078 LF 1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board .....	7.42	1.78
09 29 10 00-0079 LF 1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....	10.71	1.49
09 29 10 00-0080 LF 5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....	11.12	1.49
09 29 10 00-0081 LF 1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board .....	12.15	1.64
09 29 10 00-0082 LF 1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board.....	12.50	1.78
<b>09 29 10 00-0083 Bevel Trim For Gypsum Board</b> (09 29 10 00-0052)		
09 29 10 00-0084 LF 5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	6.03	1.49
09 29 10 00-0085 LF 5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	6.91	1.64
<b>09 29 10 00-0086 Trim/Wainscot Caps For Gypsum Board</b> (09 29 10 00-0052)		
09 29 10 00-0087 LF 1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board.....	8.28	1.78
<b>09 29 10 00-0088 Single Fin Wall/Trim Reveals For Gypsum Board</b> (09 29 10 00-0052)		
09 29 10 00-0089 LF 1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.98	0.96
09 29 10 00-0090 LF 1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.04	1.07
09 29 10 00-0091 LF 3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.96	1.19
09 29 10 00-0092 LF 1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.39	1.31
09 29 10 00-0093 LF 5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.79	1.43
09 29 10 00-0094 LF 3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.95	1.43
09 29 10 00-0095 LF 1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.40	1.43
09 29 10 00-0096 LF 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.27	1.43
09 29 10 00-0097 LF 2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.57	1.43
09 29 10 00-0098 LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.32	1.55
09 29 10 00-0099 LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.42	1.55
09 29 10 00-0100 LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.98	1.55
09 29 10 00-0101 LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.24	1.55
09 29 10 00-0102 LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.44	1.55
09 29 10 00-0103 LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.69	1.55
09 29 10 00-0104 LF 1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.05	1.55
09 29 10 00-0105 LF 1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.97	1.55
09 29 10 00-0106 LF 2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	10.73	1.55
09 29 10 00-0107 LF 3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	13.17	1.55
09 29 10 00-0108 LF 4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	17.85	1.55
09 29 10 00-0109 LF 3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	12.25	1.55
09 29 10 00-0110 LF 3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	12.66	1.55
09 29 10 00-0111 LF 4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	14.03	1.55
09 29 10 00-0112 LF 4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	14.19	1.55
09 29 10 00-0113 LF 9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	16.17	1.55



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0114 LF 5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board .....	13.22	1.55
<b>09 29 10 00-0115 'V' Groove Wall Reveals For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0116 LF 1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board .....	9.08	2.14
09 29 10 00-0117 LF 3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board .....	10.40	2.38
09 29 10 00-0118 LF 1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board .....	11.82	2.86
09 29 10 00-0119 LF 9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board .....	12.00	3.09
<b>09 29 10 00-0120 Double Fin Wall Reveals For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0121 LF 3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	8.61	1.43
09 29 10 00-0122 LF 1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	8.71	1.43
09 29 10 00-0123 LF 1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	8.81	1.43
09 29 10 00-0124 LF 3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	8.81	1.43
09 29 10 00-0125 LF 1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.27	1.43
09 29 10 00-0126 LF 5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.47	1.41
09 29 10 00-0127 LF 3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.67	1.43
09 29 10 00-0128 LF 1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	10.13	1.43
09 29 10 00-0129 LF 1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	10.90	1.43
09 29 10 00-0130 LF 2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	11.71	1.43
09 29 10 00-0131 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.10	1.55
09 29 10 00-0132 LF 1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.20	1.55
09 29 10 00-0133 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.41	1.55
09 29 10 00-0134 LF 1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	9.86	1.55
09 29 10 00-0135 LF 5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	10.07	1.55
09 29 10 00-0136 LF 3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	10.22	1.55
09 29 10 00-0137 LF 1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	10.73	1.55
09 29 10 00-0138 LF 1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	11.54	1.55
09 29 10 00-0139 LF 2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	12.36	1.55
09 29 10 00-0140 LF 3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	14.54	1.55
09 29 10 00-0141 LF 4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	19.12	1.55
09 29 10 00-0142 LF 1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	17.11	1.69
09 29 10 00-0143 LF 3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	19.44	2.06
09 29 10 00-0144 LF 1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board .....	20.10	2.06
09 29 10 00-0145 LF 1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board .....	15.57	1.41
09 29 10 00-0146 LF 1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board .....	14.30	2.06
09 29 10 00-0147 LF 1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board .....	10.28	1.41
<b>09 29 10 00-0148 Special Conditions Reveals For Gypsum Board (09 29 10 00-0052)</b>		
<b>09 29 10 00-0149 Radius Conditions (09 29 10 00-0148)</b>		
09 29 10 00-0150 EA 8' Long Inside Radius For Gypsum Board .....	127.14	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
09 29 10 00-0151 EA 8' Long Outside Radius For Gypsum Board .....	127.14	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
09 29 10 00-0152 EA 8' Long Circular / Arched Radius For Gypsum Board .....	127.14	
Note: Task used in conjunction with "Prefomed Architectural Profiles" tasks.		
<b>09 29 10 00-0153 Knee Brace Kit (09 29 10 00-0148)</b>		
09 29 10 00-0154 EA 46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board .....	273.83	14.87
<b>09 29 10 00-0155 Wall Bumper Rail (09 29 10 00-0148)</b>		
09 29 10 00-0156 LF 2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board .....	37.32	5.95
<b>09 29 10 00-0157 Corners For Gypsum Board (09 29 10 00-0052)</b>		
09 29 10 00-0158 LF 1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	7.95	1.43
09 29 10 00-0159 LF 5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	8.49	1.55
09 29 10 00-0160 LF 3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	9.43	1.62
09 29 10 00-0161 LF 1"R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	10.55	1.69
09 29 10 00-0162 LF 1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	12.78	2.06
09 29 10 00-0163 LF 2" R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	14.82	2.32
09 29 10 00-0164 LF 2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	18.02	2.66
09 29 10 00-0165 LF 3" R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	21.91	3.10
09 29 10 00-0166 LF 4" R, Aluminum Extrusions, Outside Corner For Gypsum Board .....	30.13	4.13
09 29 10 00-0167 LF 90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board .....	7.95	1.38
09 29 10 00-0168 LF 90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board .....	14.69	1.86
09 29 10 00-0169 LF 90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board .....	10.47	1.86
09 29 10 00-0170 LF 90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board .....	19.17	1.86
09 29 10 00-0171 LF 45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board .....	27.33	2.32
09 29 10 00-0172 LF 60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board .....	26.21	2.32
09 29 10 00-0173 LF 3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board .....	7.76	1.62
09 29 10 00-0174 LF 5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board .....	7.83	1.55
09 29 10 00-0175 LF 1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board .....	7.89	1.43
09 29 10 00-0176 LF 5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board .....	8.29	1.55
09 29 10 00-0177 LF 1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board .....	11.21	1.69

**09 Finishes****09 20 Plaster and Gypsum Board****09 29 Gypsum Board**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 29 10 00-0178	LF	1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	9.88	1.43
09 29 10 00-0179	LF	5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	10.42	1.55
09 29 10 00-0180	LF	1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	15.38	1.69
09 29 10 00-0181	LF	1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board.....	17.00	1.43
09 29 10 00-0182	LF	3" Aluminum Extrusions, Bullnose For Gypsum Board.....	29.08	3.10
09 29 10 00-0183	LF	3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board.....	31.12	3.10
09 29 10 00-0184	LF	5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	57.72	5.16
09 29 10 00-0185	LF	7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	96.00	7.31
09 29 10 00-0186	LF	3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	9.49	1.59
09 29 10 00-0187	LF	1" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	10.86	1.67
09 29 10 00-0188	LF	1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	13.03	2.03
09 29 10 00-0189	LF	2"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	16.04	2.29
09 29 10 00-0190	LF	2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	22.85	2.62
09 29 10 00-0191	LF	3"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	24.66	3.05
09 29 10 00-0192	LF	4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	27.89	4.07
09 29 10 00-0193	LF	3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	17.64	3.05
09 29 10 00-0194	LF	3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	17.90	3.05
09 29 10 00-0195	LF	4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	19.52	3.05
09 29 10 00-0196	LF	5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	20.03	3.05

**09 29 82 Gypsum Board Fire Protection (09 29)****09 29 82 00-0001****Shaft Wall (09 29 82)**

See CSI section 09 29 10 00-0036 for finishing drywall.

09 29 82 00-0002	SF	3/4" Fire Rated Shaft Wall Assembly.....	7.53	2.98
		Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	2.02	
		<i>For Horizontal Installation &gt;10' High, Add</i>	2.98	
		<i>For Walls &gt;10' High, Add</i>	0.48	
		<i>For Up To 128, Add</i>	2.70	
		<i>For &gt;128 To 320, Add</i>	1.65	
		<i>For &gt;1,536, Deduct</i>	-0.53	
09 29 82 00-0003	SF	7/8" Fire Rated Shaft Wall Assembly.....	8.75	3.57
		Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	2.43	
		<i>For Horizontal Installation &gt;10' High, Add</i>	3.57	
		<i>For Walls &gt;10' High, Add</i>	0.57	
		<i>For Up To 128, Add</i>	3.18	
		<i>For &gt;128 To 320, Add</i>	1.95	
		<i>For &gt;1,536, Deduct</i>	-0.60	
09 29 82 00-0004	SF	2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	6.86	2.29
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.56	
		<i>For Horizontal Installation &gt;10' High, Add</i>	2.29	
		<i>For Walls &gt;10' High, Add</i>	0.37	
		<i>For Up To 128, Add</i>	2.29	
		<i>For &gt;128 To 320, Add</i>	1.37	
		<i>For Glass Mat Surfaces, Add</i>	0.26	
09 29 82 00-0005	SF	4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.29	2.41
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.64	
		<i>For Horizontal Installation &gt;10' High, Add</i>	2.41	
		<i>For Walls &gt;10' High, Add</i>	0.38	
		<i>For Up To 128, Add</i>	2.42	
		<i>For &gt;128 To 320, Add</i>	1.45	
		<i>For Glass Mat Surfaces, Add</i>	0.26	
09 29 82 00-0006	SF	2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.83	2.41
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.64	
		<i>For Horizontal Installation &gt;10' High, Add</i>	2.41	
		<i>For Walls &gt;10' High, Add</i>	0.38	
		<i>For Up To 128, Add</i>	2.53	
		<i>For &gt;128 To 320, Add</i>	1.50	
		<i>For Glass Mat Surfaces, Add</i>	0.26	
09 29 82 00-0007	SF	4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	8.27	2.53
		Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.71	
		<i>For Horizontal Installation &gt;10' High, Add</i>	2.52	
		<i>For Walls &gt;10' High, Add</i>	0.40	
		<i>For Up To 128, Add</i>	2.66	
		<i>For &gt;128 To 320, Add</i>	1.58	
		<i>For Glass Mat Surfaces, Add</i>	0.26	

**09 30 Tiling (09)**

Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.



		<b>Finishes</b>	<b>09</b>
		Tiling	09 30
		Ceramic Tiling	09 30 13

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

**09 30 13 Ceramic Tiling** (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 13 00-0001			<b>Ceramic Tiling</b> <small>(09 30 13)</small>		
09 30 13 00-0002	SF		2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile.....	18.05	3.46
			Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
			<i>For Up To 50, Add</i>	9.70	
			<i>For &gt;50 To 250, Add</i>	1.38	
			<i>For &gt;1,000, Deduct</i>	-0.69	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.47	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.65	
09 30 13 00-0003	SF		Less Than 8" x 8", Mounted, Ceramic Floor Tile.....	13.78	3.46
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
			<i>For Up To 50, Add</i>	8.63	
			<i>For &gt;50 To 250, Add</i>	1.38	
			<i>For &gt;1,000, Deduct</i>	-0.69	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.47	
			<i>For Heavy-Duty Floors With A PEI 5 Rating, Add</i>	1.00	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.65	
09 30 13 00-0004	SF		8" x 8" And Larger Unmounted Ceramic Floor Tile.....	15.51	2.16
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
			<i>For Up To 50, Add</i>	10.36	
			<i>For &gt;50 To 250, Add</i>	1.73	
			<i>For &gt;1,000, Deduct</i>	-0.86	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.73	
			<i>For Heavy-Duty Floors With A PEI 5 Rating, Add</i>	1.00	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.91	
09 30 13 00-0005	SF		2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile.....	19.52	4.19
			Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
			<i>For Up To 50, Add</i>	11.17	
			<i>For &gt;50 To 250, Add</i>	1.68	
			<i>For &gt;1,000, Deduct</i>	-0.84	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.69	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.87	
09 30 13 00-0006	SF		Less than 8" x 8" Mounted Ceramic Wall Tile.....	15.25	4.19
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
			<i>For Up To 50, Add</i>	10.10	
			<i>For &gt;50 To 250, Add</i>	1.68	
			<i>For &gt;1,000, Deduct</i>	-0.84	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.69	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.87	
09 30 13 00-0007	SF		8" x 8" And Larger Unmounted Ceramic Wall Tile.....	17.47	2.65
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
			<i>For Up To 50, Add</i>	12.32	
			<i>For &gt;50 To 250, Add</i>	2.12	
			<i>For &gt;1,000, Deduct</i>	-1.06	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.02	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.20	
09 30 13 00-0008	SF		Less than 8" x 8" Mounted Ceramic Ceiling Tile.....	21.39	7.26
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.61	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.79	
			<i>For Up To 50, Add</i>	16.24	
			<i>For &gt;50 To 250, Add</i>	2.90	
			<i>For &gt;1,000, Deduct</i>	-1.45	
09 30 13 00-0009	SF		8" x 8" And Larger Unmounted Ceramic Ceiling Tile.....	24.29	4.35
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	3.04	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	3.22	
			<i>For Up To 50, Add</i>	19.14	
			<i>For &gt;50 To 250, Add</i>	3.48	
			<i>For &gt;1,000, Deduct</i>	-1.74	
09 30 13 00-0010	LF		4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim.....	13.79	3.02
			Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.02	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.11	
09 30 13 00-0011	LF		6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio).....	21.95	3.02
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.02	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.11	
09 30 13 00-0012	LF		6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio).....	24.64	3.02
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.02	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.11	
09 30 13 00-0013	EA		6" High, Unpolished Ceramic Cove Base Outer Corner.....	19.20	0.66

09 30 13 00-0014 Residential Ceramic Tiling (09 30 13)

**09 Finishes****09 30 Tiling****09 30 13 Ceramic Tiling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 13 00-0015	SF		Mounted Ceramic Floor Tile, Residential Grade ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	11.24	3.46
			<i>For Up To 50, Add</i>	7.99	
			<i>For &gt;50 To 250, Add</i>	1.38	
			<i>For &gt;1,000, Deduct</i>	-0.69	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.47	
09 30 13 00-0016	SF		Mounted Ceramic Wall Tile, Residential Grade ..... Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.	12.71	4.19
			<i>For Up To 50, Add</i>	9.46	
			<i>For &gt;50 To 250, Add</i>	1.68	
			<i>For &gt;1,000, Deduct</i>	-0.84	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.69	
09 30 13 00-0017	SF		2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade ..... Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.	12.85	3.46
			<i>For Up To 50, Add</i>	8.40	
			<i>For &gt;50 To 250, Add</i>	1.38	
			<i>For &gt;1,000, Deduct</i>	-0.69	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.47	

**09 30 16 Quarry Tiling** (09 30)

Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.

09 30 16 00-0001	SF		Unglazed Quarry Floor Tile ..... Note: With or without embedded abrasive grit.	13.41	2.43
			<i>For Up To 50, Add</i>	10.61	
			<i>For &gt;50 To 250, Add</i>	1.93	
			<i>For &gt;1,000, Deduct</i>	-0.97	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.88	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.06	
09 30 16 00-0002	SF		Glazed Quarry Floor Tile ..... <i>For Up To 50, Add</i>	25.08	2.43
			<i>For &gt;50 To 250, Add</i>	13.52	
			<i>For &gt;1,000, Deduct</i>	1.93	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	-0.97	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.88	
				2.06	
09 30 16 00-0003	SF		Unglazed Quarry Wall Tile ..... Note: With or without embedded abrasive grit.	15.35	2.87
			<i>For Up To 50, Add</i>	12.55	
			<i>For &gt;50 To 250, Add</i>	2.32	
			<i>For &gt;1,000, Deduct</i>	-1.16	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.17	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.35	
09 30 16 00-0004	SF		Glazed Quarry Wall Tile ..... <i>For Up To 50, Add</i>	27.02	2.87
			<i>For &gt;50 To 250, Add</i>	15.46	
			<i>For &gt;1,000, Deduct</i>	2.32	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	-1.16	
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.17	
				2.35	
09 30 16 00-0005	LF		6" High Unglazed Quarry Tile Cove Base Or Trim ..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	18.66	3.19
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.13	
				2.22	
09 30 16 00-0006	LF		6" High Glazed Quarry Tile Cove Base Or Trim ..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	37.78	3.19
			<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.13	
				2.22	

**09 31 Thin-Set Tiling** (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

**09 31 13 Thin-Set Ceramic Tiling** (09 31)**09 31 13 00-0001 Thin-Set Ceramic Tiling** (09 31 13)

09 31 13 00-0002	SF		Thin Set - Latex Portland Cement Mortar ..... <i>For Up To 50, Add</i>	2.03	1.15
			<i>For &gt;50 To 250, Add</i>	1.81	
			<i>For &gt;1,000, Deduct</i>	0.35	
				-0.17	
09 31 13 00-0003	SF		Clean And Scarify Existing Tile For Installation Of New Tile Over Existing ..... <i>For Up To 50, Add</i>	1.10	
			<i>For &gt;50 To 250, Add</i>	1.10	
			<i>For &gt;1,000, Deduct</i>	0.22	
				-0.11	

**09 32 Mortar-Bed Tiling** (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

**09 32 13 Mortar-Bed Ceramic Tiling** (09 32)**09 32 13 00-0001 Mortar-Bed Ceramic Tiling** (09 32 13)

09 32 13 00-0002	SF		3/4" Minimum Thickness Portland Cement Mortar Setting Bed ..... Note: For residential floors. Includes 15 Lb. felt and wire reinforcement.	5.04	2.30
			<i>For Up To 50, Add</i>	3.85	
			<i>For &gt;50 To 250, Add</i>	0.69	
			<i>For &gt;1,000, Deduct</i>	-0.35	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	





		<b>Finishes</b>	<b>09</b>
		Tiling	09 30
		Mortar-Bed Tiling	09 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 32 13 00-0003	SF		1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed ..... Note: For commercial floors. Includes 15 Lb. felt and wire reinforcement.	7.18	3.07
			For Up To 50, Add	5.25	
			For >50 To 250, Add	0.92	
			For >1,000, Deduct	-0.46	
			For Exterior Installation (Galvanized Reinforcement), Add	0.15	
09 32 13 00-0004	SF		3/4" Portland Cement Plaster Scratch Coat for Walls ..... Note: Includes 15 Lb. felt and expanded metal lath.	16.23	6.91
			For Up To 50, Add	14.42	
			For >50 To 250, Add	2.76	
			For >1,000, Deduct	-1.38	
			For Exterior Installation (Galvanized Reinforcement), Add	0.15	
			For Installation Without Felt And Metal Lath, Deduct	-2.35	

### 09 34 Waterproofing-Membrane Tiling (09 30)

09 34 00 00-0001			Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds (09 34)		
09 34 00 00-0002			Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) (09 34 00 00-0001) Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.		
09 34 00 00-0003	EA		48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) .....	1,468.33	
09 34 00 00-0004	EA		32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) .....	1,697.53	
09 34 00 00-0005	EA		72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC) .....	2,508.15	
09 34 00 00-0006			Prefabricated Polystyrene Shower Curbs And Ramps (09 34 00 00-0001) Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.		
09 34 00 00-0007	EA		15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122) .....	178.28	
09 34 00 00-0008	EA		4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122) .....	169.63	
09 34 00 00-0009			Prefabricated Polystyrene Shower Benches (09 34 00 00-0001) Note: Prefabricated shower bench for tiling over. Excludes tile.		
09 34 00 00-0010	EA		16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41) .....	361.35	
09 34 00 00-0011	EA		32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181) .....	723.46	
09 34 00 00-0012	EA		48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122) .....	892.44	
09 34 00 00-0013	EA		32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981) .....	651.04	
09 34 00 00-0014	EA		42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107) .....	723.46	
09 34 00 00-0015	EA		48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122) .....	771.74	
09 34 00 00-0016			Prefabricated Polystyrene Shower Tray (09 34 00 00-0001) Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA		32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152) .....	311.05	
09 34 00 00-0018	EA		48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122) .....	311.05	
09 34 00 00-0019	EA		72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183) .....	480.03	
09 34 00 00-0020			Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) (09 34 00 00-0001)		
09 34 00 00-0021	SF		1/8" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA) .....	5.46	
09 34 00 00-0022	SF		5/16" Thick, High-Density Polyethylene (HDPE) Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL) .....	6.29	
09 34 00 00-0023			Bonded Waterproof Underlayment Membranes (Schluter® KERDI) (09 34 00 00-0001)		
09 34 00 00-0024	SF		0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M) .....	4.80	

### 09 35 Chemical-Resistant Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

#### 09 35 13 Chemical-Resistant Ceramic Tiling (09 35)

09 35 13 00-0001			Chemical-Resistant Ceramic Tiling (09 35 13)		
09 35 13 00-0002	SF		Thin Set - Epoxy Mortar ..... Note: Impact and chemical resistant.	6.34	1.52
			For Up To 50, Add	3.32	
			For >50 To 250, Add	0.46	
			For >1,000, Deduct	-0.23	



<b>09</b>	<b>09 Finishes</b>
	<b>09 30 Tiling</b>
	<b>09 39 Tiling Transitions</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**09 39 Tiling Transitions** (09 39)

<b>09 39 00 00-0001</b>	<b>Tile Substrate (Schluter® KERDI BOARD)</b> <small>(09 39)</small>		
09 39 00 00-0002	SF 1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD) .....	9.52	0.84
09 39 00 00-0003	SF 5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD) .....	10.73	0.96

**09 39 00 00-0004 Floor Edge Protection And Transition Profiles For Tile** (09 39)

09 39 00 00-0005	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	4.30	
09 39 00 00-0006	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	4.43	
09 39 00 00-0007	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	4.56	
09 39 00 00-0008	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	4.78	
09 39 00 00-0009	LF 1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	5.67	
09 39 00 00-0010	LF 5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	5.85	
09 39 00 00-0011	LF 3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	5.97	
09 39 00 00-0012	LF 1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS) .....	6.11	
09 39 00 00-0013	LF 9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T).....	4.51	
09 39 00 00-0014	LF 1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T) .....	6.11	
09 39 00 00-0015	LF 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	5.70	
09 39 00 00-0016	LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	5.99	
09 39 00 00-0017	LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....	6.27	
09 39 00 00-0018	LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK) .....	7.56	
09 39 00 00-0019	LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	5.89	
09 39 00 00-0020	LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U) .....	6.18	
09 39 00 00-0021	LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....	7.47	

**09 39 00 00-0022 Outside Wall Edge Protection And Transition Profiles For Tile** (09 39)

09 39 00 00-0023	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....	5.86	
09 39 00 00-0024	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	6.16	
09 39 00 00-0025	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	6.61	
09 39 00 00-0026	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC) .....	7.06	
09 39 00 00-0027	LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	6.47	
09 39 00 00-0028	LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	7.04	
09 39 00 00-0029	LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC) .....	7.61	
09 39 00 00-0030	LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....	8.61	

**09 50 Ceilings** (09)

Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.

**09 51 Acoustical Ceilings** (09 50)

Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.

**09 51 13 Acoustical Panel Ceilings** (09 51)

Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.

**09 51 13 00-0001 Fiberglass Panels** (09 51 13)

**09 51 13 00-0002 Fiberglass Acoustical Panels** (09 51 13 00-0001)

Note: Includes square or tegular edge and class A fire rating.

09 51 13 00-0003	SF 2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®) .....	8.43	0.47
	<i>For Up To 50, Add</i>	1.88	
	<i>For &gt;50 To 200, Add</i>	1.15	
	<i>For &gt;200 To 500, Add</i>	0.50	
	<i>For &gt;2,500 To 4,000, Deduct</i>	-0.21	
	<i>For &gt;4,000 To 5,000, Deduct</i>	-0.42	
	<i>For &gt;5,000, Deduct</i>	-0.67	
	<i>For Individual Room Quantities &lt;495, Add</i>	1.15	
	<i>Note: For use with projects &gt;500 SF</i>		
	<i>For Scored Acoustical Tile, Add</i>	0.25	
	<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51 13 00-0004	SF 2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®) .....	8.38	0.47
	<i>For Up To 50, Add</i>	1.88	
	<i>For &gt;50 To 200, Add</i>	1.15	
	<i>For &gt;200 To 500, Add</i>	0.50	
	<i>For &gt;2,500 To 4,000, Deduct</i>	-0.21	
	<i>For &gt;4,000 To 5,000, Deduct</i>	-0.42	
	<i>For &gt;5,000, Deduct</i>	-0.67	
	<i>For Individual Room Quantities &lt;495, Add</i>	1.15	
	<i>Note: For use with projects &gt;500 SF</i>		
	<i>For Scored Acoustical Tile, Add</i>	0.25	
	<i>For Ceilings &gt;10' High, Add</i>	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0005	SF		2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®) .....	8.91	0.59
			For Up To 50, Add	2.00	
			For >50 To 200, Add	1.22	
			For >200 To 500, Add	0.53	
			For >2,500 To 4,000, Deduct	-0.22	
			For >4,000 To 5,000, Deduct	-0.45	
			For >5,000, Deduct	-0.71	
			For Individual Room Quantities <495, Add	1.22	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0006	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®) .....	9.00	0.59
			For Up To 50, Add	2.01	
			For >50 To 200, Add	1.23	
			For >200 To 500, Add	0.53	
			For >2,500 To 4,000, Deduct	-0.23	
			For >4,000 To 5,000, Deduct	-0.45	
			For >5,000, Deduct	-0.72	
			For Individual Room Quantities <495, Add	1.23	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0007	SF		2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355) .....	9.25	0.59
			For Up To 50, Add	2.05	
			For >50 To 200, Add	1.26	
			For >200 To 500, Add	0.55	
			For >2,500 To 4,000, Deduct	-0.23	
			For >4,000 To 5,000, Deduct	-0.46	
			For >5,000, Deduct	-0.74	
			For Individual Room Quantities <495, Add	1.26	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0008	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353) .....	9.24	0.59
			For Up To 50, Add	2.05	
			For >50 To 200, Add	1.26	
			For >200 To 500, Add	0.55	
			For >2,500 To 4,000, Deduct	-0.23	
			For >4,000 To 5,000, Deduct	-0.46	
			For >5,000, Deduct	-0.73	
			For Individual Room Quantities <495, Add	1.26	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0009	SF		2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™) .....	9.63	0.59
			For Up To 50, Add	2.11	
			For >50 To 200, Add	1.30	
			For >200 To 500, Add	0.56	
			For >2,500 To 4,000, Deduct	-0.24	
			For >4,000 To 5,000, Deduct	-0.48	
			For >5,000, Deduct	-0.76	
			For Individual Room Quantities <495, Add	1.30	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0010	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™) .....	9.62	0.59
			For Up To 50, Add	2.11	
			For >50 To 200, Add	1.29	
			For >200 To 500, Add	0.56	
			For >2,500 To 4,000, Deduct	-0.24	
			For >4,000 To 5,000, Deduct	-0.48	
			For >5,000, Deduct	-0.76	
			For Individual Room Quantities <495, Add	1.29	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0011			Mineral Fiber Panels (09 51 13)		
09 51 13 00-0012			Mineral Fiber Acoustical Ceiling Panels (09 51 13 00-0011)		
			Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured).....	2.38	0.47
			For Up To 50, Add	0.98	
			For >50 To 200, Add	0.55	
			For >200 To 500, Add	0.20	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.22	
			For Individual Room Quantities <495, Add	0.55	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	

**09 Finishes**

**09 50 Ceilings**

**09 51 Acoustical Ceilings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0014	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Random Textured).....	2.36	0.71
	For Up To 50, Add	0.97	
	For >50 To 200, Add	0.55	
	For >200 To 500, Add	0.20	
	For >2,500 To 4,000, Deduct	-0.06	
	For >4,000 To 5,000, Deduct	-0.12	
	For >5,000, Deduct	-0.22	
	For Individual Room Quantities <495, Add	0.55	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0015	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega) .....	2.82	0.47
	For Up To 50, Add	1.04	
	For >50 To 200, Add	0.59	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.25	
	For Individual Room Quantities <495, Add	0.59	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0016	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega) .....	2.81	0.71
	For Up To 50, Add	1.04	
	For >50 To 200, Add	0.59	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.25	
	For Individual Room Quantities <495, Add	0.59	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0017	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega) .....	3.11	0.47
	For Up To 50, Add	1.09	
	For >50 To 200, Add	0.62	
	For >200 To 500, Add	0.23	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.27	
	For Individual Room Quantities <495, Add	0.62	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0018	SF 2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega) .....	3.11	0.47
	For Up To 50, Add	1.09	
	For >50 To 200, Add	0.62	
	For >200 To 500, Add	0.23	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.27	
	For Individual Room Quantities <495, Add	0.62	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0019	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard) .....	3.34	0.71
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.64	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.29	
	For Individual Room Quantities <495, Add	0.64	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0020	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard) .....	3.35	0.71
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.25	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.29	
	For Individual Room Quantities <495, Add	0.65	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0021	SF	2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard).....	3.65	0.71
			For Up To 50, Add	1.17	
			For >50 To 200, Add	0.68	
			For >200 To 500, Add	0.26	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.31	
			For Individual Room Quantities <495, Add	0.68	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0022	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer).....	3.09	0.47
			For Up To 50, Add	1.08	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0023	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer).....	3.08	0.71
			For Up To 50, Add	1.08	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0024	SF	2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer) .....	3.55	0.47
			For Up To 50, Add	1.15	
			For >50 To 200, Add	0.67	
			For >200 To 500, Add	0.26	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.31	
			For Individual Room Quantities <495, Add	0.67	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0025	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) .....	2.82	0.47
			For Up To 50, Add	1.04	
			For >50 To 200, Add	0.59	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.14	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0026	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured) .....	2.81	0.47
			For Up To 50, Add	1.04	
			For >50 To 200, Add	0.59	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.14	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0027	SF	2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	3.11	0.47
			For Up To 50, Add	1.09	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	

**09 Finishes**

**09 50 Ceilings**

**09 51 Acoustical Ceilings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0028	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.84	0.47
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.59	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.25	
	For Individual Room Quantities <495, Add	0.59	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0029	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.84	0.47
	For Up To 50, Add	1.05	
	For >50 To 200, Add	0.59	
	For >200 To 500, Add	0.22	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.25	
	For Individual Room Quantities <495, Add	0.59	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0030	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.26	0.47
	For Up To 50, Add	1.11	
	For >50 To 200, Add	0.64	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.28	
	For Individual Room Quantities <495, Add	0.64	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0031	SF 2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.26	0.47
	For Up To 50, Add	1.11	
	For >50 To 200, Add	0.64	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.28	
	For Individual Room Quantities <495, Add	0.64	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0032	SF 2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.43	0.47
	For Up To 50, Add	1.13	
	For >50 To 200, Add	0.65	
	For >200 To 500, Add	0.25	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.30	
	For Individual Room Quantities <495, Add	0.65	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0033	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	4.04	0.47
	For Up To 50, Add	1.23	
	For >50 To 200, Add	0.71	
	For >200 To 500, Add	0.28	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.20	
	For >5,000, Deduct	-0.34	
	For Individual Room Quantities <495, Add	0.71	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0034	SF 2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.34	0.47
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.64	
	For >200 To 500, Add	0.24	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.29	
	For Individual Room Quantities <495, Add	0.64	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0035	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	4.07	0.47
			<i>For Up To 50, Add</i>	1.23	
			<i>For &gt;50 To 200, Add</i>	0.72	
			<i>For &gt;200 To 500, Add</i>	0.28	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.10	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.20	
			<i>For &gt;5,000, Deduct</i>	-0.34	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.72	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0036	SF	30" x 60" x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.14	0.47
			<i>For Up To 50, Add</i>	1.09	
			<i>For &gt;50 To 200, Add</i>	0.62	
			<i>For &gt;200 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.08	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.16	
			<i>For &gt;5,000, Deduct</i>	-0.27	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.62	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0037	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard) .....	3.43	0.71
			<i>For Up To 50, Add</i>	1.13	
			<i>For &gt;50 To 200, Add</i>	0.65	
			<i>For &gt;200 To 500, Add</i>	0.25	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.09	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.17	
			<i>For &gt;5,000, Deduct</i>	-0.30	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.65	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0038	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard) .....	3.37	0.71
			<i>For Up To 50, Add</i>	1.13	
			<i>For &gt;50 To 200, Add</i>	0.65	
			<i>For &gt;200 To 500, Add</i>	0.25	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.08	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.17	
			<i>For &gt;5,000, Deduct</i>	-0.29	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.65	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0039	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard) .....	3.80	0.71
			<i>For Up To 50, Add</i>	1.19	
			<i>For &gt;50 To 200, Add</i>	0.69	
			<i>For &gt;200 To 500, Add</i>	0.27	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.10	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.19	
			<i>For &gt;5,000, Deduct</i>	-0.32	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.69	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0040	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard) .....	3.80	0.71
			<i>For Up To 50, Add</i>	1.19	
			<i>For &gt;50 To 200, Add</i>	0.69	
			<i>For &gt;200 To 500, Add</i>	0.27	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.10	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.19	
			<i>For &gt;5,000, Deduct</i>	-0.32	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.69	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0041	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured).....	9.10	0.84
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51	13 00-0042	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.62	0.47
			<i>For Up To 50, Add</i>	1.16	
			<i>For &gt;50 To 200, Add</i>	0.67	
			<i>For &gt;200 To 500, Add</i>	0.26	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.09	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.18	
			<i>For &gt;5,000, Deduct</i>	-0.31	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.67	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	



**09 Finishes**

**09 50 Ceilings**

**09 51 Acoustical Ceilings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0043	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.61	0.47
	For Up To 50, Add	1.16	
	For >50 To 200, Add	0.67	
	For >200 To 500, Add	0.26	
	For >2,500 To 4,000, Deduct	-0.09	
	For >4,000 To 5,000, Deduct	-0.18	
	For >5,000, Deduct	-0.31	
	For Individual Room Quantities <495, Add	0.67	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0044	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	4.24	0.47
	For Up To 50, Add	1.26	
	For >50 To 200, Add	0.73	
	For >200 To 500, Add	0.29	
	For >2,500 To 4,000, Deduct	-0.11	
	For >4,000 To 5,000, Deduct	-0.21	
	For >5,000, Deduct	-0.36	
	For Individual Room Quantities <495, Add	0.73	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0045	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.87	0.47
	For Up To 50, Add	1.20	
	For >50 To 200, Add	0.70	
	For >200 To 500, Add	0.27	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.19	
	For >5,000, Deduct	-0.33	
	For Individual Room Quantities <495, Add	0.70	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0046	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.82	0.47
	For Up To 50, Add	1.19	
	For >50 To 200, Add	0.69	
	For >200 To 500, Add	0.27	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.19	
	For >5,000, Deduct	-0.33	
	For Individual Room Quantities <495, Add	0.69	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0047	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.82	0.47
	For Up To 50, Add	1.19	
	For >50 To 200, Add	0.69	
	For >200 To 500, Add	0.27	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.19	
	For >5,000, Deduct	-0.33	
	For Individual Room Quantities <495, Add	0.69	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0048	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	4.02	0.47
	For Up To 50, Add	1.22	
	For >50 To 200, Add	0.71	
	For >200 To 500, Add	0.28	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.20	
	For >5,000, Deduct	-0.34	
	For Individual Room Quantities <495, Add	0.71	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0049	SF 2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	4.18	0.47
	For Up To 50, Add	1.25	
	For >50 To 200, Add	0.73	
	For >200 To 500, Add	0.29	
	For >2,500 To 4,000, Deduct	-0.10	
	For >4,000 To 5,000, Deduct	-0.21	
	For >5,000, Deduct	-0.35	
	For Individual Room Quantities <495, Add	0.73	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0050	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard).....	4.41	0.47
			For Up To 50, Add	1.28	
			For >50 To 200, Add	0.75	
			For >200 To 500, Add	0.30	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.22	
			For >5,000, Deduct	-0.37	
			For Individual Room Quantities <495, Add	0.75	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0051	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard).....	4.37	0.47
			For Up To 50, Add	1.28	
			For >50 To 200, Add	0.75	
			For >200 To 500, Add	0.30	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.22	
			For >5,000, Deduct	-0.37	
			For Individual Room Quantities <495, Add	0.75	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0052	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa) .....	4.25	0.71
			For Up To 50, Add	1.26	
			For >50 To 200, Add	0.74	
			For >200 To 500, Add	0.29	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.21	
			For >5,000, Deduct	-0.36	
			For Individual Room Quantities <495, Add	0.74	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0053	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa) .....	4.24	0.71
			For Up To 50, Add	1.26	
			For >50 To 200, Add	0.73	
			For >200 To 500, Add	0.29	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.21	
			For >5,000, Deduct	-0.36	
			For Individual Room Quantities <495, Add	0.73	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0054	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa) .....	4.59	0.47
			For Up To 50, Add	1.31	
			For >50 To 200, Add	0.77	
			For >200 To 500, Add	0.31	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.23	
			For >5,000, Deduct	-0.38	
			For Individual Room Quantities <495, Add	0.77	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0055	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa) .....	4.49	0.47
			For Up To 50, Add	1.29	
			For >50 To 200, Add	0.76	
			For >200 To 500, Add	0.30	
			For >2,500 To 4,000, Deduct	-0.11	
			For >4,000 To 5,000, Deduct	-0.22	
			For >5,000, Deduct	-0.38	
			For Individual Room Quantities <495, Add	0.76	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0056	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus).....	5.52	0.71
			For Up To 50, Add	1.45	
			For >50 To 200, Add	0.86	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.86	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	

## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0057	SF 2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus).....	5.47	0.71
	For Up To 50, Add	1.44	
	For >50 To 200, Add	0.86	
	For >200 To 500, Add	0.35	
	For >2,500 To 4,000, Deduct	-0.14	
	For >4,000 To 5,000, Deduct	-0.27	
	For >5,000, Deduct	-0.45	
	For Individual Room Quantities <495, Add	0.86	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0058	SF 2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus) .....	5.52	0.71
	For Up To 50, Add	1.45	
	For >50 To 200, Add	0.86	
	For >200 To 500, Add	0.35	
	For >2,500 To 4,000, Deduct	-0.14	
	For >4,000 To 5,000, Deduct	-0.28	
	For >5,000, Deduct	-0.45	
	For Individual Room Quantities <495, Add	0.86	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0059	SF 2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus) .....	5.47	0.71
	For Up To 50, Add	1.44	
	For >50 To 200, Add	0.86	
	For >200 To 500, Add	0.35	
	For >2,500 To 4,000, Deduct	-0.14	
	For >4,000 To 5,000, Deduct	-0.27	
	For >5,000, Deduct	-0.45	
	For Individual Room Quantities <495, Add	0.86	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0060	SF 2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look).....	6.05	0.47
	For Up To 50, Add	1.53	
	For >50 To 200, Add	0.92	
	For >200 To 500, Add	0.38	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.30	
	For >5,000, Deduct	-0.49	
	For Individual Room Quantities <495, Add	0.92	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0061	SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	6.01	0.71
	For Up To 50, Add	1.52	
	For >50 To 200, Add	0.91	
	For >200 To 500, Add	0.38	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.30	
	For >5,000, Deduct	-0.49	
	For Individual Room Quantities <495, Add	0.91	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0062	SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	5.99	0.71
	For Up To 50, Add	1.52	
	For >50 To 200, Add	0.91	
	For >200 To 500, Add	0.38	
	For >2,500 To 4,000, Deduct	-0.15	
	For >4,000 To 5,000, Deduct	-0.30	
	For >5,000, Deduct	-0.49	
	For Individual Room Quantities <495, Add	0.91	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	
09 51 13 00-0063	SF 2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra) .....	6.48	0.47
	For Up To 50, Add	1.59	
	For >50 To 200, Add	0.96	
	For >200 To 500, Add	0.40	
	For >2,500 To 4,000, Deduct	-0.16	
	For >4,000 To 5,000, Deduct	-0.32	
	For >5,000, Deduct	-0.52	
	For Individual Room Quantities <495, Add	0.96	
	Note: For use with projects >500 SF		
	For Vertical Application, Add	0.70	
	For Ceilings >10' High, Add	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0064	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra) .....	6.48	0.47
			For Up To 50, Add	1.59	
			For >50 To 200, Add	0.96	
			For >200 To 500, Add	0.40	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.32	
			For >5,000, Deduct	-0.52	
			For Individual Room Quantities <495, Add	0.96	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0065	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	6.03	0.47
			For Up To 50, Add	1.52	
			For >50 To 200, Add	0.91	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.49	
			For Individual Room Quantities <495, Add	0.91	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0066	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	6.03	0.47
			For Up To 50, Add	1.52	
			For >50 To 200, Add	0.91	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.49	
			For Individual Room Quantities <495, Add	0.91	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0067	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	6.03	0.47
			For Up To 50, Add	1.52	
			For >50 To 200, Add	0.91	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.49	
			For Individual Room Quantities <495, Add	0.91	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0068	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®) .....	6.03	0.47
			For Up To 50, Add	1.52	
			For >50 To 200, Add	0.91	
			For >200 To 500, Add	0.38	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.49	
			For Individual Room Quantities <495, Add	0.91	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0069	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC) .....	6.47	0.59
			For Up To 50, Add	1.63	
			For >50 To 200, Add	0.98	
			For >200 To 500, Add	0.41	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.32	
			For >5,000, Deduct	-0.53	
			For Individual Room Quantities <495, Add	0.98	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0070	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC) .....	6.47	0.59
			For Up To 50, Add	1.63	
			For >50 To 200, Add	0.98	
			For >200 To 500, Add	0.41	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.32	
			For >5,000, Deduct	-0.53	
			For Individual Room Quantities <495, Add	0.98	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	

## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0071	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC) .....	6.47	0.59
		For Up To 50, Add	1.63	
		For >50 To 200, Add	0.98	
		For >200 To 500, Add	0.41	
		For >2,500 To 4,000, Deduct	-0.16	
		For >4,000 To 5,000, Deduct	-0.32	
		For >5,000, Deduct	-0.53	
		For Individual Room Quantities <495, Add	0.98	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.75	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0072	SF	2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC) .....	6.47	0.59
		For Up To 50, Add	1.63	
		For >50 To 200, Add	0.98	
		For >200 To 500, Add	0.41	
		For >2,500 To 4,000, Deduct	-0.16	
		For >4,000 To 5,000, Deduct	-0.32	
		For >5,000, Deduct	-0.53	
		For Individual Room Quantities <495, Add	0.98	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.75	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0073	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™) .....	6.80	0.47
		For Up To 50, Add	1.64	
		For >50 To 200, Add	0.99	
		For >200 To 500, Add	0.42	
		For >2,500 To 4,000, Deduct	-0.17	
		For >4,000 To 5,000, Deduct	-0.34	
		For >5,000, Deduct	-0.55	
		For Individual Room Quantities <495, Add	0.99	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.70	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0074	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™) .....	6.80	0.47
		For Up To 50, Add	1.64	
		For >50 To 200, Add	0.99	
		For >200 To 500, Add	0.42	
		For >2,500 To 4,000, Deduct	-0.17	
		For >4,000 To 5,000, Deduct	-0.34	
		For >5,000, Deduct	-0.55	
		For Individual Room Quantities <495, Add	0.99	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.70	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0075	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™) .....	6.80	0.47
		For Up To 50, Add	1.64	
		For >50 To 200, Add	0.99	
		For >200 To 500, Add	0.42	
		For >2,500 To 4,000, Deduct	-0.17	
		For >4,000 To 5,000, Deduct	-0.34	
		For >5,000, Deduct	-0.55	
		For Individual Room Quantities <495, Add	0.99	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.70	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0076	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC) .....	7.71	0.47
		For Up To 50, Add	1.82	
		For >50 To 200, Add	1.10	
		For >200 To 500, Add	0.47	
		For >2,500 To 4,000, Deduct	-0.19	
		For >4,000 To 5,000, Deduct	-0.39	
		For >5,000, Deduct	-0.62	
		For Individual Room Quantities <495, Add	1.10	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.75	
		For Ceilings >10' High, Add	0.12	
09 51 13 00-0077	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC) .....	7.60	0.47
		For Up To 50, Add	1.80	
		For >50 To 200, Add	1.09	
		For >200 To 500, Add	0.46	
		For >2,500 To 4,000, Deduct	-0.19	
		For >4,000 To 5,000, Deduct	-0.38	
		For >5,000, Deduct	-0.61	
		For Individual Room Quantities <495, Add	1.09	
		Note: For use with projects >500 SF		
		For Vertical Application, Add	0.75	
		For Ceilings >10' High, Add	0.12	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0078	SF		2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC) .....	7.65	0.47
			For Up To 50, Add	1.81	
			For >50 To 200, Add	1.10	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.38	
			For >5,000, Deduct	-0.62	
			For Individual Room Quantities <495, Add	1.10	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0079	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....	7.18	0.47
			For Up To 50, Add	1.70	
			For >50 To 200, Add	1.03	
			For >200 To 500, Add	0.44	
			For >2,500 To 4,000, Deduct	-0.18	
			For >4,000 To 5,000, Deduct	-0.36	
			For >5,000, Deduct	-0.58	
			For Individual Room Quantities <495, Add	1.03	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0080	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....	7.04	0.47
			For Up To 50, Add	1.68	
			For >50 To 200, Add	1.01	
			For >200 To 500, Add	0.43	
			For >2,500 To 4,000, Deduct	-0.18	
			For >4,000 To 5,000, Deduct	-0.35	
			For >5,000, Deduct	-0.57	
			For Individual Room Quantities <495, Add	1.01	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0081	SF		2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....	7.79	0.59
			For Up To 50, Add	1.83	
			For >50 To 200, Add	1.11	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.63	
			For Individual Room Quantities <495, Add	1.11	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0082	SF		2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....	7.79	0.59
			For Up To 50, Add	1.83	
			For >50 To 200, Add	1.11	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.63	
			For Individual Room Quantities <495, Add	1.11	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0083	SF		2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla) .....	7.79	0.47
			For Up To 50, Add	1.83	
			For >50 To 200, Add	1.11	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.63	
			For Individual Room Quantities <495, Add	1.11	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0084	SF		2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla) .....	7.79	0.59
			For Up To 50, Add	1.83	
			For >50 To 200, Add	1.11	
			For >200 To 500, Add	0.47	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.63	
			For Individual Room Quantities <495, Add	1.11	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.75	
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0085	SF		20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617).....	2.75	0.47
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.70	
			For Ceilings >10' High, Add	0.12	



**09 Finishes****09 50 Ceilings****09 51 Acoustical Ceilings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0086	SF		20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627).....	2.83	0.47
			<i>For Individual Room Quantities &lt;495, Add</i>	0.59	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
09 51 13 00-0087	SF		2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742).....	4.27	0.47
			<i>For Individual Room Quantities &lt;495, Add</i>	0.74	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Vertical Application, Add</i>	0.70	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
<b>09 51 13 00-0088</b>			<b>Wood Fiber Panels</b> <small>(09 51 13)</small>		
09 51 13 00-0089	SF		2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.70	0.71
			<i>For Up To 50, Add</i>	1.85	
			<i>For &gt;50 To 200, Add</i>	1.09	
			<i>For &gt;200 To 500, Add</i>	0.44	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.17	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.34	
			<i>For &gt;5,000, Deduct</i>	-0.56	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.09	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.16	
09 51 13 00-0090	SF		2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.48	0.71
			<i>For Up To 50, Add</i>	1.73	
			<i>For &gt;50 To 200, Add</i>	1.03	
			<i>For &gt;200 To 500, Add</i>	0.42	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.16	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.32	
			<i>For &gt;5,000, Deduct</i>	-0.53	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.03	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.14	
09 51 13 00-0091	SF		2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	8.74	0.71
			<i>For Up To 50, Add</i>	2.16	
			<i>For &gt;50 To 200, Add</i>	1.30	
			<i>For &gt;200 To 500, Add</i>	0.54	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.22	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.44	
			<i>For &gt;5,000, Deduct</i>	-0.71	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.30	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.16	
09 51 13 00-0092	SF		2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	8.52	0.71
			<i>For Up To 50, Add</i>	2.04	
			<i>For &gt;50 To 200, Add</i>	1.23	
			<i>For &gt;200 To 500, Add</i>	0.52	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.21	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.43	
			<i>For &gt;5,000, Deduct</i>	-0.69	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.23	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.14	
09 51 13 00-0093	SF		2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	10.71	0.71
			<i>For Up To 50, Add</i>	2.45	
			<i>For &gt;50 To 200, Add</i>	1.50	
			<i>For &gt;200 To 500, Add</i>	0.64	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.27	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.54	
			<i>For &gt;5,000, Deduct</i>	-0.86	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.50	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.16	
09 51 13 00-0094	SF		2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels.....	10.49	0.71
			<i>For Up To 50, Add</i>	2.33	
			<i>For &gt;50 To 200, Add</i>	1.43	
			<i>For &gt;200 To 500, Add</i>	0.62	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.26	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.52	
			<i>For &gt;5,000, Deduct</i>	-0.83	
			<i>For Individual Room Quantities &lt;495, Add</i>	1.43	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Scored Acoustical Tile, Add</i>	0.25	
			<i>For Ceilings &gt;10' High, Add</i>	0.14	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0095	SF		2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels .....	7.89	0.71
			For Up To 50, Add	2.03	
			For >50 To 200, Add	1.21	
			For >200 To 500, Add	0.50	
			For >2,500 To 4,000, Deduct	-0.20	
			For >4,000 To 5,000, Deduct	-0.39	
			For >5,000, Deduct	-0.64	
			For Individual Room Quantities <495, Add	1.21	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.16	
09 51 13 00-0096	SF		2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels .....	7.67	0.71
			For Up To 50, Add	1.91	
			For >50 To 200, Add	1.15	
			For >200 To 500, Add	0.48	
			For >2,500 To 4,000, Deduct	-0.19	
			For >4,000 To 5,000, Deduct	-0.38	
			For >5,000, Deduct	-0.62	
			For Individual Room Quantities <495, Add	1.15	
			Note: For use with projects >500 SF		
			For Scored Acoustical Tile, Add	0.25	
			For Ceilings >10' High, Add	0.14	
09 51 13 00-0097			<b>Removal And Reinstallation Of Acoustical Ceiling Panels</b> (09 51 13)		
			Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0098	SF		Removal And Reinstallation Of Acoustical Panels Only .....	2.43	
			For Up To 50, Add	1.34	
			For >50 To 200, Add	0.73	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.06	
			For >4,000 To 5,000, Deduct	-0.12	
			For >5,000, Deduct	-0.24	
			For Ceilings >10' High, Add	0.18	
09 51 23			<b>Acoustical Tile Ceilings</b> (09 51)		
			Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001			<b>Mineral Fiber Acoustical Tile Ceilings</b> (09 51 23)		
09 51 23 00-0002	SF		12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile .....	6.27	1.31
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.13	
			For >50 To 200, Add	1.22	
			For >200 To 500, Add	0.46	
			For >2,500, Deduct	-0.31	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0003	SF		12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	7.50	1.31
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.32	
			For >50 To 200, Add	1.35	
			For >200 To 500, Add	0.52	
			For >2,500, Deduct	-0.38	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.53	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0004	SF		12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	8.49	1.31
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.47	
			For >50 To 200, Add	1.45	
			For >200 To 500, Add	0.57	
			For >2,500, Deduct	-0.42	
			For Placing Tiles In Suspended Ceiling System, Deduct	-0.53	
			For Ceilings >10' High, Add	0.22	
09 51 23 00-0005			<b>Wood Fiber Acoustical Tile Ceilings</b> (09 51 23)		
09 51 23 00-0006	SF		12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	5.76	1.31
			For Furring 1 x 3 Strips 12" On Center, Add	0.50	
			For Up To 50, Add	2.06	
			For >50 To 200, Add	1.17	
			For >200 To 500, Add	0.44	
			For >2,500, Deduct	-0.29	
			For Ceilings >10' High, Add	0.22	
09 51 33			<b>Acoustical Metal Pan Ceilings</b> (09 51)		
09 51 33 13			<b>Acoustical Snap-in Metal Pan Ceilings</b> (09 51 33)		
09 51 33 13-0001			Acoustical Snap-In Metal Pan Ceilings (09 51 33 13)		
09 51 33 13-0002			Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13-0001)		

## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 51 33 13-0003	SF	24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	23.72		1.04
		<i>For Up To 50, Add</i>	4.39		
		<i>For &gt;50 To 200, Add</i>	2.79		
		<i>For &gt;200 To 500, Add</i>	1.29		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.59		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-1.19		
		<i>For &gt;5,000, Deduct</i>	-1.83		
		<i>For Ceilings &gt;10' High, Add</i>	0.16		
09 51 33 13-0004	SF	24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	25.39		1.04
		<i>For Up To 50, Add</i>	4.64		
		<i>For &gt;50 To 200, Add</i>	2.96		
		<i>For &gt;200 To 500, Add</i>	1.37		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.63		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-1.27		
		<i>For &gt;5,000, Deduct</i>	-1.96		
		<i>For Ceilings &gt;10' High, Add</i>	0.16		
<b>09 51 33 13-0005 Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13-0001)</b>					
09 51 33 13-0006	SF	24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.58		1.19
		<i>For Up To 50, Add</i>	3.59		
		<i>For &gt;50 To 200, Add</i>	2.23		
		<i>For &gt;200 To 500, Add</i>	1.00		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.44		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-0.88		
		<i>For &gt;5,000, Deduct</i>	-1.38		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0007	SF	24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.02		1.19
		<i>For Up To 50, Add</i>	5.45		
		<i>For &gt;50 To 200, Add</i>	3.48		
		<i>For &gt;200 To 500, Add</i>	1.62		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.75		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-1.50		
		<i>For &gt;5,000, Deduct</i>	-2.31		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0008	SF	24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	59.00		1.19
		<i>For Up To 50, Add</i>	9.80		
		<i>For &gt;50 To 200, Add</i>	6.37		
		<i>For &gt;200 To 500, Add</i>	3.07		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-1.48		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-2.95		
		<i>For &gt;5,000, Deduct</i>	-4.48		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0009	SF	24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.58		1.19
		<i>For Up To 50, Add</i>	4.94		
		<i>For &gt;50 To 200, Add</i>	3.13		
		<i>For &gt;200 To 500, Add</i>	1.45		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.66		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-1.33		
		<i>For &gt;5,000, Deduct</i>	-2.05		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0010	SF	24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.58		1.19
		<i>For Up To 50, Add</i>	3.74		
		<i>For &gt;50 To 200, Add</i>	2.33		
		<i>For &gt;200 To 500, Add</i>	1.05		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.46		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-0.93		
		<i>For &gt;5,000, Deduct</i>	-1.45		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0011	SF	24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	29.24		1.19
		<i>For Up To 50, Add</i>	5.33		
		<i>For &gt;50 To 200, Add</i>	3.40		
		<i>For &gt;200 To 500, Add</i>	1.58		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-0.73		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-1.46		
		<i>For &gt;5,000, Deduct</i>	-2.25		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		
09 51 33 13-0012	SF	24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	58.55		1.19
		<i>For Up To 50, Add</i>	9.73		
		<i>For &gt;50 To 200, Add</i>	6.33		
		<i>For &gt;200 To 500, Add</i>	3.05		
		<i>For &gt;2,500 To 4,000, Deduct</i>	-1.46		
		<i>For &gt;4,000 To 5,000, Deduct</i>	-2.93		
		<i>For &gt;5,000, Deduct</i>	-4.45		
		<i>For Ceilings &gt;10' High, Add</i>	0.18		



	<b>Finishes</b>	<b>09</b>
	Ceilings	09 50
	Acoustical Ceilings	09 51

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0013	SF		24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.35	1.19
			<i>For Up To 50, Add</i>	4.90	
			<i>For &gt;50 To 200, Add</i>	3.11	
			<i>For &gt;200 To 500, Add</i>	1.44	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.66	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.32	
			<i>For &gt;5,000, Deduct</i>	-2.04	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0014	SF		30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.02	1.19
			<i>For Up To 50, Add</i>	4.55	
			<i>For &gt;50 To 200, Add</i>	2.88	
			<i>For &gt;200 To 500, Add</i>	1.32	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.60	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.20	
			<i>For &gt;5,000, Deduct</i>	-1.86	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0015	SF		30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	31.68	1.19
			<i>For Up To 50, Add</i>	5.70	
			<i>For &gt;50 To 200, Add</i>	3.64	
			<i>For &gt;200 To 500, Add</i>	1.70	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.79	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.58	
			<i>For &gt;5,000, Deduct</i>	-2.44	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0016	SF		30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	65.11	1.19
			<i>For Up To 50, Add</i>	10.71	
			<i>For &gt;50 To 200, Add</i>	6.99	
			<i>For &gt;200 To 500, Add</i>	3.37	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-1.63	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-3.26	
			<i>For &gt;5,000, Deduct</i>	-4.94	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0017	SF		30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	31.35	1.19
			<i>For Up To 50, Add</i>	5.65	
			<i>For &gt;50 To 200, Add</i>	3.61	
			<i>For &gt;200 To 500, Add</i>	1.69	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.78	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.57	
			<i>For &gt;5,000, Deduct</i>	-2.41	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0018	SF		30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.47	1.19
			<i>For Up To 50, Add</i>	4.77	
			<i>For &gt;50 To 200, Add</i>	3.02	
			<i>For &gt;200 To 500, Add</i>	1.39	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.64	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.27	
			<i>For &gt;5,000, Deduct</i>	-1.97	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0019	SF		30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	32.46	1.19
			<i>For Up To 50, Add</i>	5.82	
			<i>For &gt;50 To 200, Add</i>	3.72	
			<i>For &gt;200 To 500, Add</i>	1.74	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.81	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.62	
			<i>For &gt;5,000, Deduct</i>	-2.49	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0020	SF		30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	67.33	1.19
			<i>For Up To 50, Add</i>	11.05	
			<i>For &gt;50 To 200, Add</i>	7.21	
			<i>For &gt;200 To 500, Add</i>	3.49	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-1.68	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-3.37	
			<i>For &gt;5,000, Deduct</i>	-5.11	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0021	SF		30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	32.13	1.19
			<i>For Up To 50, Add</i>	5.77	
			<i>For &gt;50 To 200, Add</i>	3.69	
			<i>For &gt;200 To 500, Add</i>	1.73	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.80	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.61	
			<i>For &gt;5,000, Deduct</i>	-2.47	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	

## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 51 33 13-0022	SF	12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	21.69	1.19
		<i>For Up To 50, Add</i>		4.20	
		<i>For &gt;50 To 200, Add</i>		2.64	
		<i>For &gt;200 To 500, Add</i>		1.20	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.54	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.08	
		<i>For &gt;5,000, Deduct</i>		-1.69	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0023	SF	12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	35.68	1.19
		<i>For Up To 50, Add</i>		6.30	
		<i>For &gt;50 To 200, Add</i>		4.04	
		<i>For &gt;200 To 500, Add</i>		1.90	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.89	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.78	
		<i>For &gt;5,000, Deduct</i>		-2.74	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0024	SF	12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	63.66	1.19
		<i>For Up To 50, Add</i>		10.50	
		<i>For &gt;50 To 200, Add</i>		6.84	
		<i>For &gt;200 To 500, Add</i>		3.30	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-1.59	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-3.18	
		<i>For &gt;5,000, Deduct</i>		-4.83	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0025	SF	12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	30.57	1.19
		<i>For Up To 50, Add</i>		5.53	
		<i>For &gt;50 To 200, Add</i>		3.53	
		<i>For &gt;200 To 500, Add</i>		1.65	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.76	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.53	
		<i>For &gt;5,000, Deduct</i>		-2.35	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0026	SF	12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	23.36	1.19
		<i>For Up To 50, Add</i>		4.45	
		<i>For &gt;50 To 200, Add</i>		2.81	
		<i>For &gt;200 To 500, Add</i>		1.29	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.58	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.17	
		<i>For &gt;5,000, Deduct</i>		-1.81	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0027	SF	12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	36.13	1.19
		<i>For Up To 50, Add</i>		6.37	
		<i>For &gt;50 To 200, Add</i>		4.09	
		<i>For &gt;200 To 500, Add</i>		1.93	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.90	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.81	
		<i>For &gt;5,000, Deduct</i>		-2.77	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0028	SF	12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	65.99	1.19
		<i>For Up To 50, Add</i>		10.85	
		<i>For &gt;50 To 200, Add</i>		7.07	
		<i>For &gt;200 To 500, Add</i>		3.42	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-1.65	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-3.30	
		<i>For &gt;5,000, Deduct</i>		-5.01	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0029	SF	12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	31.57	1.19
		<i>For Up To 50, Add</i>		5.68	
		<i>For &gt;50 To 200, Add</i>		3.63	
		<i>For &gt;200 To 500, Add</i>		1.70	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.79	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-1.58	
		<i>For &gt;5,000, Deduct</i>		-2.43	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	
09 51 33 13-0030	SF	24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™)	.....	17.12	1.19
		<i>For Up To 50, Add</i>		3.52	
		<i>For &gt;50 To 200, Add</i>		2.19	
		<i>For &gt;200 To 500, Add</i>		0.97	
		<i>For &gt;2,500 To 4,000, Deduct</i>		-0.43	
		<i>For &gt;4,000 To 5,000, Deduct</i>		-0.86	
		<i>For &gt;5,000, Deduct</i>		-1.34	
		<i>For Ceilings &gt;10' High, Add</i>		0.18	



		<b>Finishes</b>	<b>09</b>
		Ceilings	09 50
		Acoustical Ceilings	09 51

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 13-0031	SF		24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.44	1.19
			<i>For Up To 50, Add</i>	4.91	
			<i>For &gt;50 To 200, Add</i>	3.12	
			<i>For &gt;200 To 500, Add</i>	1.44	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.66	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.32	
			<i>For &gt;5,000, Deduct</i>	-2.04	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0032	SF		24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	55.31	1.19
			<i>For Up To 50, Add</i>	9.24	
			<i>For &gt;50 To 200, Add</i>	6.01	
			<i>For &gt;200 To 500, Add</i>	2.88	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-1.38	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-2.77	
			<i>For &gt;5,000, Deduct</i>	-4.21	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0033	SF		24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.11	1.19
			<i>For Up To 50, Add</i>	4.71	
			<i>For &gt;50 To 200, Add</i>	2.99	
			<i>For &gt;200 To 500, Add</i>	1.37	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.63	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.26	
			<i>For &gt;5,000, Deduct</i>	-1.94	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0034	SF		24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.23	1.19
			<i>For Up To 50, Add</i>	3.68	
			<i>For &gt;50 To 200, Add</i>	2.30	
			<i>For &gt;200 To 500, Add</i>	1.03	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.46	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.91	
			<i>For &gt;5,000, Deduct</i>	-1.43	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0035	SF		24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.22	1.19
			<i>For Up To 50, Add</i>	4.88	
			<i>For &gt;50 To 200, Add</i>	3.10	
			<i>For &gt;200 To 500, Add</i>	1.43	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.66	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.31	
			<i>For &gt;5,000, Deduct</i>	-2.03	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0036	SF		24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	55.42	1.19
			<i>For Up To 50, Add</i>	9.26	
			<i>For &gt;50 To 200, Add</i>	6.02	
			<i>For &gt;200 To 500, Add</i>	2.89	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-1.39	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-2.77	
			<i>For &gt;5,000, Deduct</i>	-4.22	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	
09 51 33 13-0037	SF		24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.11	1.19
			<i>For Up To 50, Add</i>	4.71	
			<i>For &gt;50 To 200, Add</i>	2.99	
			<i>For &gt;200 To 500, Add</i>	1.37	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.63	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.26	
			<i>For &gt;5,000, Deduct</i>	-1.94	
			<i>For Ceilings &gt;10' High, Add</i>	0.18	

**09 51 33 23 Acoustical Lay-in Metal Pan Ceilings (09 51 33)**

09 51 33 23-0001 Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)

09 51 33 23-0002 Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33 23-0003	SF		24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	18.44	0.90
			<i>For Up To 50, Add</i>	3.48	
			<i>For &gt;50 To 200, Add</i>	2.20	
			<i>For &gt;200 To 500, Add</i>	1.01	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.46	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.92	
			<i>For &gt;5,000, Deduct</i>	-1.43	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0004	SF		24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	20.93	0.90
			<i>For Up To 50, Add</i>	3.85	
			<i>For &gt;50 To 200, Add</i>	2.45	
			<i>For &gt;200 To 500, Add</i>	1.14	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.52	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.05	
			<i>For &gt;5,000, Deduct</i>	-1.61	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	



## 09 Finishes

## 09 50 Ceilings

## 09 51 Acoustical Ceilings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0005	SF		24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	30.93	0.90
			<i>For Up To 50, Add</i>	5.35	
			<i>For &gt;50 To 200, Add</i>	3.45	
			<i>For &gt;200 To 500, Add</i>	1.64	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.77	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.55	
			<i>For &gt;5,000, Deduct</i>	-2.36	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0006	SF		24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) .....	26.21	0.90
			<i>For Up To 50, Add</i>	4.64	
			<i>For &gt;50 To 200, Add</i>	2.98	
			<i>For &gt;200 To 500, Add</i>	1.40	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.66	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.31	
			<i>For &gt;5,000, Deduct</i>	-2.01	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0007	SF		24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) .....	28.15	0.90
			<i>For Up To 50, Add</i>	4.93	
			<i>For &gt;50 To 200, Add</i>	3.17	
			<i>For &gt;200 To 500, Add</i>	1.50	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.70	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.41	
			<i>For &gt;5,000, Deduct</i>	-2.16	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0008	SF		24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	44.53	0.90
			<i>For Up To 50, Add</i>	7.39	
			<i>For &gt;50 To 200, Add</i>	4.81	
			<i>For &gt;200 To 500, Add</i>	2.32	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-1.11	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-2.23	
			<i>For &gt;5,000, Deduct</i>	-3.38	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0009	SF		30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	27.72	0.90
			<i>For Up To 50, Add</i>	4.87	
			<i>For &gt;50 To 200, Add</i>	3.13	
			<i>For &gt;200 To 500, Add</i>	1.48	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.69	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.39	
			<i>For &gt;5,000, Deduct</i>	-2.12	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0010	SF		30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) .....	34.47	0.90
			<i>For Up To 50, Add</i>	5.88	
			<i>For &gt;50 To 200, Add</i>	3.80	
			<i>For &gt;200 To 500, Add</i>	1.81	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.86	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.72	
			<i>For &gt;5,000, Deduct</i>	-2.63	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0011	SF		48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	27.87	0.90
			<i>For Up To 50, Add</i>	4.89	
			<i>For &gt;50 To 200, Add</i>	3.14	
			<i>For &gt;200 To 500, Add</i>	1.48	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.70	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.39	
			<i>For &gt;5,000, Deduct</i>	-2.13	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0012	SF		48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™) .....	34.67	0.90
			<i>For Up To 50, Add</i>	5.91	
			<i>For &gt;50 To 200, Add</i>	3.82	
			<i>For &gt;200 To 500, Add</i>	1.82	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.87	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.73	
			<i>For &gt;5,000, Deduct</i>	-2.64	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0013	SF		12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	28.01	0.90
			<i>For Up To 50, Add</i>	4.91	
			<i>For &gt;50 To 200, Add</i>	3.16	
			<i>For &gt;200 To 500, Add</i>	1.49	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.70	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.40	
			<i>For &gt;5,000, Deduct</i>	-2.15	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	
09 51 33 23-0014	SF		12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	34.54	0.90
			<i>For Up To 50, Add</i>	5.89	
			<i>For &gt;50 To 200, Add</i>	3.81	
			<i>For &gt;200 To 500, Add</i>	1.82	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.86	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-1.73	
			<i>For &gt;5,000, Deduct</i>	-2.64	
			<i>For Ceilings &gt;10' High, Add</i>	0.13	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Acoustical Ceilings	09 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 23-0015 SF 24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	28.01	0.90
For Up To 50, Add	4.91	
For >50 To 200, Add	3.16	
For >200 To 500, Add	1.49	
For >2,500 To 4,000, Deduct	-0.70	
For >4,000 To 5,000, Deduct	-1.40	
For >5,000, Deduct	-2.15	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0016 SF 24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	34.81	0.90
For Up To 50, Add	5.93	
For >50 To 200, Add	3.84	
For >200 To 500, Add	1.83	
For >2,500 To 4,000, Deduct	-0.87	
For >4,000 To 5,000, Deduct	-1.74	
For >5,000, Deduct	-2.66	
For Ceilings >10' High, Add	0.13	
<b>09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)</b>		
09 51 33 23-0018 SF 24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	23.90	0.90
For Up To 50, Add	4.30	
For >50 To 200, Add	2.75	
For >200 To 500, Add	1.28	
For >2,500 To 4,000, Deduct	-0.60	
For >4,000 To 5,000, Deduct	-1.20	
For >5,000, Deduct	-1.84	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0019 SF 24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	28.56	0.90
For Up To 50, Add	5.00	
For >50 To 200, Add	3.21	
For >200 To 500, Add	1.52	
For >2,500 To 4,000, Deduct	-0.71	
For >4,000 To 5,000, Deduct	-1.43	
For >5,000, Deduct	-2.19	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0020 SF 24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	30.67	0.90
For Up To 50, Add	5.31	
For >50 To 200, Add	3.42	
For >200 To 500, Add	1.62	
For >2,500 To 4,000, Deduct	-0.77	
For >4,000 To 5,000, Deduct	-1.53	
For >5,000, Deduct	-2.34	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0021 SF 24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	28.78	0.90
For Up To 50, Add	5.03	
For >50 To 200, Add	3.23	
For >200 To 500, Add	1.53	
For >2,500 To 4,000, Deduct	-0.72	
For >4,000 To 5,000, Deduct	-1.44	
For >5,000, Deduct	-2.20	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0022 SF 24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	29.56	0.90
For Up To 50, Add	5.15	
For >50 To 200, Add	3.31	
For >200 To 500, Add	1.57	
For >2,500 To 4,000, Deduct	-0.74	
For >4,000 To 5,000, Deduct	-1.48	
For >5,000, Deduct	-2.26	
For Ceilings >10' High, Add	0.13	
09 51 33 23-0023 SF 24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	31.34	0.90
For Up To 50, Add	5.41	
For >50 To 200, Add	3.49	
For >200 To 500, Add	1.66	
For >2,500 To 4,000, Deduct	-0.78	
For >4,000 To 5,000, Deduct	-1.57	
For >5,000, Deduct	-2.40	
For Ceilings >10' High, Add	0.13	

**09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)**

09 51 33 33-0001 Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)

09 51 33 33-0002 Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)

09	<b>09 Finishes</b>
	<b>09 50 Ceilings</b>
	<b>09 51 Acoustical Ceilings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33 33-0003 SF 24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.35	0.90
For Up To 50, Add	3.31	
For >50 To 200, Add	2.09	
For >200 To 500, Add	0.96	
For >2,500 To 4,000, Deduct	-0.43	
For >4,000 To 5,000, Deduct	-0.87	
For >5,000, Deduct	-1.35	
For Ceilings >10' High, Add	0.13	
09 51 33 33-0004 SF 24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	19.57	0.90
For Up To 50, Add	3.65	
For >50 To 200, Add	2.31	
For >200 To 500, Add	1.07	
For >2,500 To 4,000, Deduct	-0.49	
For >4,000 To 5,000, Deduct	-0.98	
For >5,000, Deduct	-1.51	
For Ceilings >10' High, Add	0.13	
09 51 33 33-0005 SF 24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	27.78	0.90
For Up To 50, Add	4.88	
For >50 To 200, Add	3.13	
For >200 To 500, Add	1.48	
For >2,500 To 4,000, Deduct	-0.69	
For >4,000 To 5,000, Deduct	-1.39	
For >5,000, Deduct	-2.13	
For Ceilings >10' High, Add	0.13	
09 51 33 33-0006 SF 24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	19.79	0.90
For Up To 50, Add	3.68	
For >50 To 200, Add	2.34	
For >200 To 500, Add	1.08	
For >2,500 To 4,000, Deduct	-0.49	
For >4,000 To 5,000, Deduct	-0.99	
For >5,000, Deduct	-1.53	
For Ceilings >10' High, Add	0.13	
09 51 33 33-0007 SF 24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	22.46	0.90
For Up To 50, Add	4.08	
For >50 To 200, Add	2.60	
For >200 To 500, Add	1.21	
For >2,500 To 4,000, Deduct	-0.56	
For >4,000 To 5,000, Deduct	-1.12	
For >5,000, Deduct	-1.73	
For Ceilings >10' High, Add	0.13	
09 51 33 33-0008 SF 24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.34	0.90
For Up To 50, Add	5.26	
For >50 To 200, Add	3.39	
For >200 To 500, Add	1.61	
For >2,500 To 4,000, Deduct	-0.76	
For >4,000 To 5,000, Deduct	-1.52	
For >5,000, Deduct	-2.32	
For Ceilings >10' High, Add	0.13	

**09 53 Acoustical Ceiling Suspension Assemblies** (09 50)

**09 53 23 Metal Acoustical Ceiling Suspension Assemblies** (09 53)

**09 53 23 00-0001 Ceiling Suspension Systems** (09 53 23)

Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.

09 53 23 00-0002 SF 1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	5.08	0.59
Note: Excludes ceiling tile.		
For Fastening To Concrete, Add	1.53	
For Fastening To Steel, Add	1.68	
For Vertical Application, Add	2.27	
For Individual Room Quantities <495, Add	0.51	
Note: For use with projects >500 SF		
For Up To 50, Add	1.80	
For >50 To 200, Add	1.03	
For >200 To 500, Add	0.38	
For >2,500 To 4,000, Deduct	-0.11	
For >4,000 To 5,000, Deduct	-0.20	
For >5,000, Deduct	-0.29	
For Ceilings >10' High, Add	0.19	



		<b>Finishes</b>	<b>09</b>
		<b>Ceilings</b>	<b>09 50</b>
		<b>Acoustical Ceiling Suspension Assemblies</b>	<b>09 53</b>

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0003	SF		1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	4.07	0.59
			<i>For UL Listed (Fire Guard), Add</i>	0.29	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.53	
			<i>For Fastening To Concrete, Add</i>	1.49	
			<i>For Fastening To Steel, Add</i>	1.64	
			<i>For Vertical Application, Add</i>	1.89	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.42	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.86	
			<i>For Up To 50, Add</i>	1.47	
			<i>For &gt;50 To 200, Add</i>	0.84	
			<i>For &gt;200 To 500, Add</i>	0.31	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.09	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.17	
			<i>For &gt;5,000, Deduct</i>	-0.24	
			<i>For Ceilings &gt;10' High, Add</i>	0.16	
09 53 23 00-0004	SF		2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	3.37	0.59
			<i>For UL Listed (Fire Guard), Add</i>	0.21	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.39	
			<i>For Fastening To Concrete, Add</i>	1.47	
			<i>For Fastening To Steel, Add</i>	1.62	
			<i>For Vertical Application, Add</i>	1.73	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.37	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.63	
			<i>For Up To 50, Add</i>	1.30	
			<i>For &gt;50 To 200, Add</i>	0.73	
			<i>For &gt;200 To 500, Add</i>	0.27	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.08	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.14	
			<i>For &gt;5,000, Deduct</i>	-0.20	
			<i>For Ceilings &gt;10' High, Add</i>	0.15	
			<i>For Concealed Spline Grid, Add</i>	0.55	
09 53 23 00-0005	SF		2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System.....	2.79	0.59
			<i>For UL Listed (Fire Guard), Add</i>	0.17	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.32	
			<i>For Fastening To Concrete, Add</i>	1.44	
			<i>For Fastening To Steel, Add</i>	1.59	
			<i>For Vertical Application, Add</i>	1.66	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.31	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.51	
			<i>For Up To 50, Add</i>	1.08	
			<i>For &gt;50 To 200, Add</i>	0.61	
			<i>For &gt;200 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000, Deduct</i>	-0.17	
			<i>For Ceilings &gt;10' High, Add</i>	0.12	
			<i>For Concealed Spline Grid, Add</i>	0.45	
09 53 23 00-0006	SF		1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System .....	2.46	0.59
			<i>For UL Listed (Fire Guard), Add</i>	0.15	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.29	
			<i>For Fastening To Concrete, Add</i>	1.41	
			<i>For Fastening To Steel, Add</i>	1.56	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.27	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.46	
			<i>For Up To 50, Add</i>	0.94	
			<i>For &gt;50 To 200, Add</i>	0.53	
			<i>For &gt;200 To 500, Add</i>	0.19	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.06	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000, Deduct</i>	-0.15	
			<i>For Ceilings &gt;10' High, Add</i>	0.11	
09 53 23 00-0007	SF		2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System .....	3.66	0.59
			<i>For UL Listed (Fire Guard), Add</i>	0.25	
			<i>For Fastening To Concrete, Add</i>	1.47	
			<i>For Fastening To Steel, Add</i>	1.62	
			<i>For Vertical Application, Add</i>	1.73	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities &lt;495, Add</i>	0.38	
			<i>Note: For use with projects &gt;500 SF</i>		
			<i>For Up To 50, Add</i>	1.34	
			<i>For &gt;50 To 200, Add</i>	0.76	
			<i>For &gt;200 To 500, Add</i>	0.28	
			<i>For &gt;2,500 To 4,000, Deduct</i>	-0.08	
			<i>For &gt;4,000 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000, Deduct</i>	-0.22	
			<i>For Ceilings &gt;10' High, Add</i>	0.15	
			<i>For Black Grid, Add</i>	0.21	

**09 Finishes****09 50 Ceilings****09 53 Acoustical Ceiling Suspension Assemblies**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 53 23 00-0008	SF 2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	3.02	0.59
	For UL Listed (Fire Guard), Add	0.20	
	For Fastening To Concrete, Add	1.44	
	For Fastening To Steel, Add	1.59	
	For Vertical Application, Add	1.66	
	For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
	For Individual Room Quantities <495, Add	0.32	
	Note: For use with projects >500 SF		
	For Up To 50, Add	1.12	
	For >50 To 200, Add	0.63	
	For >200 To 500, Add	0.23	
	For >2,500 To 4,000, Deduct	-0.07	
	For >4,000 To 5,000, Deduct	-0.12	
	For >5,000, Deduct	-0.18	
	For Ceilings >10' High, Add	0.12	
	For Black Grid, Add	0.17	
09 53 23 00-0009	<b>Ceiling Suspension System Accessories</b> (09 53 23)		
09 53 23 00-0010	LF Pencil Rod Support For Suspended Ceiling with Accessories.....	1.49	
09 53 23 00-0011	LF 1" x 1/8" Flat Bar Bracing For Suspended Ceiling.....	3.59	1.66
	For 304 Stainless Steel, Add	3.11	
	For 316 Stainless Steel, Add	3.49	
	For Aluminum, Add	0.20	
	For Galvanized Steel, Add	0.68	
09 53 23 00-0012	LF 1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	5.13	1.78
	For 304 Stainless Steel, Add	4.73	
	For 316 Stainless Steel, Add	5.31	
	For Aluminum, Add	0.30	
	For Galvanized Steel, Add	1.03	
09 53 23 00-0013	LF 1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling.....	7.23	1.90
	For 304 Stainless Steel, Add	9.43	
	For 316 Stainless Steel, Add	10.59	
	For Aluminum, Add	0.60	
	For Galvanized Steel, Add	2.05	
09 53 23 00-0014	LF 12 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling.....	0.91	
09 53 23 00-0015	LF 8 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling.....	1.06	
09 53 23 00-0016	EA 2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee.....	7.70	0.34
	Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.		
09 53 23 00-0017	EA Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	92.94	24.18
09 53 23 00-0018	EA >30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	96.47	24.64
09 53 23 00-0019	EA >48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	109.15	24.64
09 53 23 00-0020	<b>Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly</b> (09 53 23)		
	Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 53 23 00-0021	SF Removal And Reinstallation Of 2' x 2' Or 2' x 4' Acoustical Ceiling Tile And Grid Assembly.....	3.28	
	Note: Suspension system tie wire, wall angles and bracing to remain in place.		
	For Up To 50, Add	1.80	
	For >50 To 200, Add	0.98	
	For >200 To 500, Add	0.33	
	For >2,500 To 4,000, Deduct	-0.08	
	For >4,000 To 5,000, Deduct	-0.16	
	For >5,000, Deduct	-0.25	
	For Ceilings >10' High, Add	0.25	
09 53 23 00-0022	SF Removal And Reinstallation Of Grid System Assembly.....	1.43	
	Note: Suspension system tie wire, wall angles and bracing to remain in place. Excludes ceiling tiles.		
	For Up To 50, Add	0.79	
	For >50 To 200, Add	0.43	
	For >200 To 500, Add	0.14	
	For >2,500 To 4,000, Deduct	-0.04	
	For >4,000 To 5,000, Deduct	-0.07	
	For >5,000, Deduct	-0.11	
	For Ceilings >10' High, Add	0.11	
<b>09 54 Specialty Ceilings</b> (09 50)			
<b>09 54 23 Linear Metal Ceilings</b> (09 54)			
09 54 23 00-0001	<b>Linear Ceiling Systems</b> (09 54 23)		
09 54 23 00-0002	<b>0.032" Aluminum, Linear Ceiling Systems</b> (09 54 23 00-0001)		
	Note: For flat ceilings. Includes round or box style panels with KYNAR 5000® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.		
09 54 23 00-0003	SF 4" Panel Width, 0.032" Aluminum, Linear Ceiling System.....	22.97	2.39
	For Up To 50, Add	5.74	
	For >50 To 200, Add	3.44	
	For >200 To 500, Add	1.44	
	For >2,500, Deduct	-1.15	
	For Ceilings >10' High, Add	0.43	
	For Linear Ceiling Systems Without Filler Strips, Deduct	-4.28	
	For Curved Ceilings, Add	1.37	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Ceilings	09 50	
Specialty Ceilings	09 54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0004 SF 8" Panel Width, 0.032" Aluminum, Linear Ceiling System .....	18.43	2.39
For Up To 50, Add	5.01	
For >50 To 200, Add	2.97	
For >200 To 500, Add	1.20	
For >2,500, Deduct	-0.92	
For Ceilings >10' High, Add	0.42	
For Linear Ceiling Systems Without Filler Strips, Deduct	-2.14	
For Curved Ceilings, Add	1.34	
09 54 23 00-0005 SF 12" Panel Width, 0.032" Aluminum, Linear Ceiling System .....	16.67	2.39
For Up To 50, Add	4.70	
For >50 To 200, Add	2.77	
For >200 To 500, Add	1.11	
For >2,500, Deduct	-0.83	
For Ceilings >10' High, Add	0.41	
For Linear Ceiling Systems Without Filler Strips, Deduct	-1.41	
For Curved Ceilings, Add	1.32	
<b>09 54 23 00-0006 Tin Ceilings</b> <small>(09 54 23)</small>		
09 54 23 00-0007 SF 2' x 2' Tin Ceiling Embossed Panels .....	22.02	3.70
For Up To 50, Add	5.09	
For >50 To 200, Add	3.09	
For >200 To 500, Add	1.32	
For >2,500, Deduct	-1.10	
For Ceilings >10' High, Add	0.33	
09 54 23 00-0008 SF 12" x 12" Tin Ceiling Embossed Plates .....	32.70	2.39
For Up To 50, Add	6.79	
For >50 To 200, Add	4.21	
For >200 To 500, Add	1.87	
For >2,500, Deduct	-1.64	
For Ceilings >10' High, Add	0.35	
09 54 23 00-0009 SF 12" x 24" Tin Ceiling Embossed Plates .....	23.79	2.39
For Up To 50, Add	5.45	
For >50 To 200, Add	3.32	
For >200 To 500, Add	1.43	
For >2,500, Deduct	-1.19	
For Ceilings >10' High, Add	0.35	
09 54 23 00-0010 SF 24" x 24" Tin Ceiling Embossed Plates .....	21.85	2.39
For Up To 50, Add	5.01	
For >50 To 200, Add	3.05	
For >200 To 500, Add	1.31	
For >2,500, Deduct	-1.09	
For Ceilings >10' High, Add	0.33	
09 54 23 00-0011 SF 24" x 48" Tin Ceiling Embossed Plates .....	19.06	1.79
For Up To 50, Add	4.38	
For >50 To 200, Add	2.66	
For >200 To 500, Add	1.14	
For >2,500, Deduct	-0.95	
For Ceilings >10' High, Add	0.28	
09 54 23 00-0012 LF 3" Or 4" Wide Embossed Molding .....	14.71	3.59
For Ceilings >10' High, Add	0.52	
09 54 23 00-0013 LF 6" Wide Embossed Molding .....	18.46	4.18
For Ceilings >10' High, Add	0.58	
09 54 23 00-0014 LF 12" Wide Embossed Molding .....	24.80	4.90
For Ceilings >10' High, Add	0.73	
09 54 23 00-0015 EA 3", 4" Or 6" Wide Embossed Cross, Tee Or Ell .....	42.50	11.34
For Ceilings >10' High, Add	1.66	
09 54 23 00-0016 EA 12" Wide Embossed Cross, Tee Or Ell .....	59.16	13.26
For Ceilings >10' High, Add	1.99	

**09 57 Special Function Ceilings** (09 50)

**09 57 63 High Impact Ceilings** (09 57)

**09 57 63 00-0001 High Impact Ceilings** (09 57 63)

09 57 63 00-0002 SF Polyvinyl Chloride Face High Impact Ceiling Panels .....	13.20	1.19
For Ceilings >10' High, Add	0.14	
09 57 63 00-0003 EA High Impact Clips .....	5.92	0.96
For Ceilings >10' High, Add	0.22	

**09 60 Flooring** (09)

Note: Perform moisture testing as recommended by manufacturer.

**09 61 Flooring Treatment** (09 60)

**09 61 13 Slip-Resistant Flooring Treatment** (09 61)

**09 61 13 00-0001 Anti-Slip Tape** (09 61 13)

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002 LF 1" Anti-Slip Tape .....	3.16	2.37
09 61 13 00-0003 LF 2" Anti-Slip Tape .....	4.02	2.62
09 61 13 00-0004 LF 3" Anti-Slip Tape .....	4.85	2.88
09 61 13 00-0005 LF 4" Anti-Slip Tape .....	5.63	3.16



<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 61 Flooring Treatment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 61	13 00-0006	LF	6" Anti-Slip Tape .....	7.21	3.48
09 61	13 00-0007	LF	12" Anti-Slip Tape .....	12.64	5.22
09 61	13 00-0008	LF	24" Anti-Slip Tape .....	17.88	7.84

**09 63 Masonry Flooring** (09 60)

**09 63 13 Brick Flooring** (09 63)

**09 63 13 00-0001 Clay Bricks** (09 63 13)

09 63 13 00-0002	SF	2-1/4" Thick Clay Brick Floor.....	30.87	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0003	SF	3" Thick Clay Brick Floor.....	34.44	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0004	SF	1/2" Thick Unglazed Clay Brick Floor.....	20.83	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0005	SF	1/2" Thick Glazed Clay Brick Floor .....	24.07	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0006	SF	3/4" Thick Unglazed Clay Brick Floor.....	22.28	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0007	SF	3/4" Thick Glazed Clay Brick Floor .....	26.58	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0008	SF	15/16" Thick Unglazed Clay Brick Floor.....	23.68	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	
09 63 13 00-0009	SF	15/16" Thick Glazed Clay Brick Floor .....	29.12	11.59
		<i>For Basket Weave Pattern, Add</i>	2.48	
		<i>For Herringbone Pattern, Add</i>	3.30	
		<i>For Epoxy Joints, Add</i>	5.85	

**09 63 43 Composition Stone Flooring** (09 63)

**09 63 43 00-0001 Cupric Oxychloride Cement, Seamless Flooring System** (09 63 43)

Note: Chemical and slip resistant. OSHA and USDA approved.

09 63 43 00-0002	SF	3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied .....	20.38	6.63
------------------	----	---	-------	------

**09 64 Wood Flooring** (09 60)

**09 64 13 Wood Flooring Underlayment** (09 64)

**09 64 13 00-0001 Wood Flooring Underlayment** (09 64 13)

09 64 13 00-0002	SF	Regular Weight Red Rosin Paper, Wood Flooring Underlayment .....	0.59	
09 64 13 00-0003	SF	Heavy Weight Red Rosin Paper, Wood Flooring Underlayment.....	0.61	
09 64 13 00-0004	SF	30 Lb., Waxed Paper, Wood Flooring Underlayment.....	0.64	
09 64 13 00-0005	SF	15 Lb., Asphalt Saturated Organic Felt, Wood Flooring Underlayment .....	0.70	
09 64 13 00-0006	SF	6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.64	
09 64 13 00-0007	SF	8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment.....	0.69	
09 64 13 00-0008	SF	1/8" Thick, Natural Cork, Wood Flooring Underlayment .....	2.57	0.41
09 64 13 00-0009	SF	1/4" Thick, Natural Cork, Wood Flooring Underlayment .....	2.69	0.41
09 64 13 00-0010	SF	3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15) .....	0.99	
09 64 13 00-0011	SF	2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180).....	1.22	
09 64 13 00-0012	SF	4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193) .....	1.31	
09 64 13 00-0013	SF	2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026) .....	1.57	
09 64 13 00-0014	SF	1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105) .....	1.59	0.28

**09 64 23 Wood Parquet Flooring** (09 64)

Note: All wood parquet flooring is prefinished at factory.

**09 64 23 00-0001 Hardwood Parquet Flooring** (09 64 23)

09 64 23 00-0002	SF	5/16" Thick Oak Parquet Flooring.....	12.47	1.19
		<i>For Up To 20, Add</i>	5.22	
		<i>For &gt;20 To 50, Add</i>	2.74	
		<i>For &gt;50 To 100, Add</i>	1.37	
		<i>For &gt;100 To 300, Add</i>	0.68	

**09 64 29 Wood Strip and Plank Flooring** (09 64)



<b>Finishes</b>	<b>09</b>	<b>09</b>
Flooring	09 60	
Wood Flooring	09 64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

Note: All wood strip flooring is unfinished, tongue and groove.

<b>09 64 29 00-0001</b>	<b>Unfinished Fir, Wood Strip Flooring</b> <small>(09 64 29)</small>		
09 64 29 00-0002	SF 3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring .....	14.99	1.19
	<i>For Factory Finish, Add</i>	0.96	
	<i>For Random Width Floor, Add</i>	3.48	
	<i>For Up To 20, Add</i>	4.66	
	<i>For &gt;20 To 50, Add</i>	2.57	
	<i>For &gt;50 To 100, Add</i>	1.28	
	<i>For &gt;100 To 300, Add</i>	0.64	
<b>09 64 29 00-0003</b>	<b>Unfinished Oak, Wood Strip Flooring</b> <small>(09 64 29)</small>		
<b>09 64 29 00-0004</b>	<b>Unfinished White Oak, Wood Strip Flooring</b> <small>(09 64 29 00-0003)</small>		
09 64 29 00-0005	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring .....	12.02	1.19
	<i>For Factory Finish, Add</i>	0.50	
	<i>For Random Width Floor, Add</i>	2.66	
	<i>For Up To 20, Add</i>	4.95	
	<i>For &gt;20 To 50, Add</i>	2.60	
	<i>For &gt;50 To 100, Add</i>	1.30	
	<i>For &gt;100 To 300, Add</i>	0.65	
09 64 29 00-0006	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring .....	12.67	1.19
	<i>For Factory Finish, Add</i>	0.57	
	<i>For Random Width Floor, Add</i>	2.82	
	<i>For Up To 20, Add</i>	5.05	
	<i>For &gt;20 To 50, Add</i>	2.67	
	<i>For &gt;50 To 100, Add</i>	1.33	
	<i>For &gt;100 To 300, Add</i>	0.67	
09 64 29 00-0007	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring .....	13.66	1.19
	<i>For Factory Finish, Add</i>	0.67	
	<i>For Random Width Floor, Add</i>	3.07	
	<i>For Up To 20, Add</i>	5.19	
	<i>For &gt;20 To 50, Add</i>	2.76	
	<i>For &gt;50 To 100, Add</i>	1.38	
	<i>For &gt;100 To 300, Add</i>	0.69	
09 64 29 00-0008	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring .....	10.60	1.19
	<i>For Factory Finish, Add</i>	0.53	
	<i>For Random Width Floor, Add</i>	2.38	
	<i>For Up To 20, Add</i>	4.00	
	<i>For &gt;20 To 50, Add</i>	2.13	
	<i>For &gt;50 To 100, Add</i>	1.07	
	<i>For &gt;100 To 300, Add</i>	0.53	
09 64 29 00-0009	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring .....	11.12	1.19
	<i>For Factory Finish, Add</i>	0.58	
	<i>For Random Width Floor, Add</i>	2.51	
	<i>For Up To 20, Add</i>	4.08	
	<i>For &gt;20 To 50, Add</i>	2.18	
	<i>For &gt;50 To 100, Add</i>	1.09	
	<i>For &gt;100 To 300, Add</i>	0.55	
09 64 29 00-0010	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring .....	12.13	1.19
	<i>For Factory Finish, Add</i>	0.68	
	<i>For Random Width Floor, Add</i>	2.77	
	<i>For Up To 20, Add</i>	4.23	
	<i>For &gt;20 To 50, Add</i>	2.28	
	<i>For &gt;50 To 100, Add</i>	1.14	
	<i>For &gt;100 To 300, Add</i>	0.57	
<b>09 64 29 00-0011</b>	<b>Unfinished Red Oak, Wood Strip Flooring</b> <small>(09 64 29 00-0003)</small>		
09 64 29 00-0012	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring .....	12.13	1.19
	<i>For Factory Finish, Add</i>	0.51	
	<i>For Random Width Floor, Add</i>	2.68	
	<i>For Up To 20, Add</i>	4.97	
	<i>For &gt;20 To 50, Add</i>	2.61	
	<i>For &gt;50 To 100, Add</i>	1.31	
	<i>For &gt;100 To 300, Add</i>	0.65	
09 64 29 00-0013	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring .....	12.78	1.19
	<i>For Factory Finish, Add</i>	0.58	
	<i>For Random Width Floor, Add</i>	2.85	
	<i>For Up To 20, Add</i>	5.06	
	<i>For &gt;20 To 50, Add</i>	2.68	
	<i>For &gt;50 To 100, Add</i>	1.34	
	<i>For &gt;100 To 300, Add</i>	0.67	
09 64 29 00-0014	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring .....	13.77	1.19
	<i>For Factory Finish, Add</i>	0.68	
	<i>For Random Width Floor, Add</i>	3.09	
	<i>For Up To 20, Add</i>	5.21	
	<i>For &gt;20 To 50, Add</i>	2.78	
	<i>For &gt;50 To 100, Add</i>	1.39	
	<i>For &gt;100 To 300, Add</i>	0.69	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 60</b>	<b>Flooring</b>
	<b>09 64</b>	<b>Wood Flooring</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 64 29 00-0015	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	10.71	1.19
	<i>For Factory Finish, Add</i>	0.54	
	<i>For Random Width Floor, Add</i>	2.41	
	<i>For Up To 20, Add</i>	4.01	
	<i>For &gt;20 To 50, Add</i>	2.14	
	<i>For &gt;50 To 100, Add</i>	1.07	
	<i>For &gt;100 To 300, Add</i>	0.54	
09 64 29 00-0016	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	11.36	1.19
	<i>For Factory Finish, Add</i>	0.60	
	<i>For Random Width Floor, Add</i>	2.57	
	<i>For Up To 20, Add</i>	4.11	
	<i>For &gt;20 To 50, Add</i>	2.21	
	<i>For &gt;50 To 100, Add</i>	1.10	
	<i>For &gt;100 To 300, Add</i>	0.55	
09 64 29 00-0017	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring .....	12.24	1.19
	<i>For Factory Finish, Add</i>	0.69	
	<i>For Random Width Floor, Add</i>	2.79	
	<i>For Up To 20, Add</i>	4.24	
	<i>For &gt;20 To 50, Add</i>	2.29	
	<i>For &gt;50 To 100, Add</i>	1.15	
	<i>For &gt;100 To 300, Add</i>	0.57	
<b>09 64 29 00-0018</b>	<b>Unfinished Maple, Wood Strip Flooring (09 64 29)</b>		
<b>09 64 29 00-0019</b>	<b>25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)</b>		
09 64 29 00-0020	SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	14.53	1.19
	<i>For Factory Finish, Add</i>	0.75	
	<i>For Random Width Floor, Add</i>	3.28	
	<i>For Up To 20, Add</i>	5.33	
	<i>For &gt;20 To 50, Add</i>	2.85	
	<i>For &gt;50 To 100, Add</i>	1.43	
	<i>For &gt;100 To 300, Add</i>	0.71	
09 64 29 00-0021	SF 2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	13.44	1.19
	<i>For Factory Finish, Add</i>	0.65	
	<i>For Random Width Floor, Add</i>	3.01	
	<i>For Up To 20, Add</i>	5.16	
	<i>For &gt;20 To 50, Add</i>	2.74	
	<i>For &gt;50 To 100, Add</i>	1.37	
	<i>For &gt;100 To 300, Add</i>	0.69	
09 64 29 00-0022	SF 3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring .....	13.33	1.19
	<i>For Factory Finish, Add</i>	0.80	
	<i>For Random Width Floor, Add</i>	3.07	
	<i>For Up To 20, Add</i>	4.41	
	<i>For &gt;20 To 50, Add</i>	2.40	
	<i>For &gt;50 To 100, Add</i>	1.20	
	<i>For &gt;100 To 300, Add</i>	0.60	
09 64 29 00-0023	SF 3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	12.24	1.19
	<i>For Factory Finish, Add</i>	0.69	
	<i>For Random Width Floor, Add</i>	2.79	
	<i>For Up To 20, Add</i>	4.24	
	<i>For &gt;20 To 50, Add</i>	2.29	
	<i>For &gt;50 To 100, Add</i>	1.15	
	<i>For &gt;100 To 300, Add</i>	0.57	
<b>09 64 29 00-0024</b>	<b>33/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)</b>		
09 64 29 00-0025	SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	16.89	1.19
	<i>For Factory Finish, Add</i>	0.99	
	<i>For Random Width Floor, Add</i>	3.87	
	<i>For Up To 20, Add</i>	5.68	
	<i>For &gt;20 To 50, Add</i>	3.09	
	<i>For &gt;50 To 100, Add</i>	1.54	
	<i>For &gt;100 To 300, Add</i>	0.77	
09 64 29 00-0026	SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	15.43	1.19
	<i>For Factory Finish, Add</i>	0.84	
	<i>For Random Width Floor, Add</i>	3.51	
	<i>For Up To 20, Add</i>	5.46	
	<i>For &gt;20 To 50, Add</i>	2.94	
	<i>For &gt;50 To 100, Add</i>	1.47	
	<i>For &gt;100 To 300, Add</i>	0.74	
09 64 29 00-0027	SF 3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	15.84	1.19
	<i>For Factory Finish, Add</i>	1.05	
	<i>For Random Width Floor, Add</i>	3.69	
	<i>For Up To 20, Add</i>	4.78	
	<i>For &gt;20 To 50, Add</i>	2.65	
	<i>For &gt;50 To 100, Add</i>	1.33	
	<i>For &gt;100 To 300, Add</i>	0.66	



	<b>Finishes</b>	<b>09</b>
	Flooring	09 60
	Wood Flooring	09 64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0028	SF		3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	14.38	1.19
			<i>For Factory Finish, Add</i>	0.90	
			<i>For Random Width Floor, Add</i>	3.33	
			<i>For Up To 20, Add</i>	4.56	
			<i>For &gt;20 To 50, Add</i>	2.51	
			<i>For &gt;50 To 100, Add</i>	1.25	
			<i>For &gt;100 To 300, Add</i>	0.63	
<b>09 64 29 00-0029</b>			<b>Prefinished Engineered Wood Flooring</b> (09 64 29)		
			Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.		
09 64 29 00-0030	SF		1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring .....	16.11	1.19
			<i>For Up To 20, Add</i>	4.52	
			<i>For &gt;20 To 50, Add</i>	2.55	
			<i>For &gt;50 To 100, Add</i>	1.27	
			<i>For &gt;100 To 300, Add</i>	0.64	
09 64 29 00-0031	SF		1/2" Thick, White Oak, Prefinished Engineered Wood Flooring.....	16.11	1.19
			<i>For Up To 20, Add</i>	4.52	
			<i>For &gt;20 To 50, Add</i>	2.55	
			<i>For &gt;50 To 100, Add</i>	1.27	
			<i>For &gt;100 To 300, Add</i>	0.64	
09 64 29 00-0032	SF		1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring.....	16.11	1.19
			<i>For Up To 20, Add</i>	4.52	
			<i>For &gt;20 To 50, Add</i>	2.55	
			<i>For &gt;50 To 100, Add</i>	1.27	
			<i>For &gt;100 To 300, Add</i>	0.64	
09 64 29 00-0033	SF		1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring .....	16.51	1.19
			<i>For Up To 20, Add</i>	4.58	
			<i>For &gt;20 To 50, Add</i>	2.59	
			<i>For &gt;50 To 100, Add</i>	1.29	
			<i>For &gt;100 To 300, Add</i>	0.65	
<b>09 64 66</b>			<b>Wood Athletic Flooring</b> (09 64)		
			Note: 1-1/2" or 2-1/4" widths. Excludes finish.		
<b>09 64 66 00-0001</b>			<b>Wood Gym/Stage/Dance Floors Applied On Existing Subfloor</b> (09 64 66)		
			Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing.		
09 64 66 00-0002	SF		25/32" Maple Wood Gym/Stage/Dance Floor .....	16.89	5.95
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0003	SF		33/32" Maple Wood Gym/Stage/Dance Floor .....	20.27	6.19
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
<b>09 64 66 00-0004</b>			<b>Wood Gym/Stage/Dance Floor Systems</b> (09 64 66)		
			Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing.		
09 64 66 00-0005	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....	22.56	7.73
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.		
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0006	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok) .....	23.90	7.73
			Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.		
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0007	SF		Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex) .....	26.81	7.73
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.		
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0008	SF		Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....	25.49	7.73
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.		
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	
09 64 66 00-0009	SF		Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock) .....	28.73	7.73
			Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.		
			<i>For Oak Or Birch, Deduct</i>	-0.20	
			<i>For Pine, Deduct</i>	-0.30	
			<i>For #1 Grade Material, Add</i>	0.50	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 65 Resilient Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**09 65 Resilient Flooring** (09 60)

See CSI section 03 54 16 00-0001 for self-leveling underlayment for uneven floors.

**09 65 13 Resilient Base and Accessories** (09 65)

**09 65 13 13 Resilient Base** (09 65 13)

**09 65 13 13-0001 Type TV Thermoplastic Vinyl Wall Base** (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0002	LF 2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	4.79	1.49
	For Up To 20, Add	1.90	
	For >20 To 40, Add	1.07	
	For >40 To 80, Add	0.39	
	For >240 To 960, Deduct	-0.33	
	For >960, Deduct	-0.50	
09 65 13 13-0003	LF 3" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	5.15	1.49
	For Up To 20, Add	1.96	
	For >20 To 40, Add	1.11	
	For >40 To 80, Add	0.41	
	For >240 To 960, Deduct	-0.37	
	For >960, Deduct	-0.55	
09 65 13 13-0004	LF 4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	5.48	1.49
	For Up To 20, Add	2.01	
	For >20 To 40, Add	1.14	
	For >40 To 80, Add	0.42	
	For >240 To 960, Deduct	-0.40	
	For >960, Deduct	-0.60	
09 65 13 13-0005	LF 4-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	5.80	1.49
	For Up To 20, Add	2.05	
	For >20 To 40, Add	1.17	
	For >40 To 80, Add	0.44	
	For >240 To 960, Deduct	-0.43	
	For >960, Deduct	-0.65	
09 65 13 13-0006	LF 6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors .....	6.96	1.49
	For Up To 20, Add	2.23	
	For >20 To 40, Add	1.29	
	For >40 To 80, Add	0.50	
	For >240 To 960, Deduct	-0.55	
	For >960, Deduct	-0.82	

**09 65 13 13-0007 Type TP Thermoplastic Rubber Wall Base** (09 65 13 13)

Note: Includes inside and outside corners.

09 65 13 13-0008	LF 2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	5.23	1.49
	For Up To 20, Add	1.97	
	For >20 To 40, Add	1.12	
	For >40 To 80, Add	0.41	
	For >240 To 960, Deduct	-0.38	
	For >960, Deduct	-0.56	
09 65 13 13-0009	LF 3" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	5.69	1.49
	For Up To 20, Add	2.04	
	For >20 To 40, Add	1.16	
	For >40 To 80, Add	0.43	
	For >240 To 960, Deduct	-0.42	
	For >960, Deduct	-0.63	
09 65 13 13-0010	LF 4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	5.75	1.49
	For Up To 20, Add	2.05	
	For >20 To 40, Add	1.17	
	For >40 To 80, Add	0.44	
	For >240 To 960, Deduct	-0.43	
	For >960, Deduct	-0.64	
09 65 13 13-0011	LF 4-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	6.10	1.49
	For Up To 20, Add	2.10	
	For >20 To 40, Add	1.20	
	For >40 To 80, Add	0.45	
	For >240 To 960, Deduct	-0.46	
	For >960, Deduct	-0.69	
09 65 13 13-0012	LF 6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	7.19	1.49
	For Up To 20, Add	2.26	
	For >20 To 40, Add	1.31	
	For >40 To 80, Add	0.51	
	For >240 To 960, Deduct	-0.57	
	For >960, Deduct	-0.86	
09 65 13 13-0013	LF 2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	9.21	1.49
	For Up To 20, Add	2.57	
	For >20 To 40, Add	1.51	
	For >40 To 80, Add	0.61	
	For >240 To 960, Deduct	-0.77	
	For >960, Deduct	-1.16	
09 65 13 13-0014	LF 3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	9.65	1.49
	For Up To 20, Add	2.63	
	For >20 To 40, Add	1.56	
	For >40 To 80, Add	0.63	
	For >240 To 960, Deduct	-0.82	
	For >960, Deduct	-1.23	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Resilient Flooring	09 65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0015	LF		4" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	11.01	1.49
			<i>For Up To 20, Add</i>	2.84	
			<i>For &gt;20 To 40, Add</i>	1.69	
			<i>For &gt;40 To 80, Add</i>	0.70	
			<i>For &gt;240 To 960, Deduct</i>	-0.95	
			<i>For &gt;960, Deduct</i>	-1.43	
09 65 13 13-0016	LF		4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	11.91	1.49
			<i>For Up To 20, Add</i>	2.97	
			<i>For &gt;20 To 40, Add</i>	1.78	
			<i>For &gt;40 To 80, Add</i>	0.74	
			<i>For &gt;240 To 960, Deduct</i>	-1.04	
			<i>For &gt;960, Deduct</i>	-1.56	
09 65 13 13-0017	LF		6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors .....	16.40	1.49
			<i>For Up To 20, Add</i>	3.64	
			<i>For &gt;20 To 40, Add</i>	2.23	
			<i>For &gt;40 To 80, Add</i>	0.97	
			<i>For &gt;240 To 960, Deduct</i>	-1.49	
			<i>For &gt;960, Deduct</i>	-2.24	
<b>09 65 13 13-0018</b>			<b>Type TS Thermoset Vulcanized Rubber Wall Base</b> <small>(09 65 13 13)</small>		
			Note: Includes inside and outside corners.		
09 65 13 13-0019	LF		2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	5.80	1.78
			<i>For Up To 20, Add</i>	2.05	
			<i>For &gt;20 To 40, Add</i>	1.17	
			<i>For &gt;40 To 80, Add</i>	0.44	
			<i>For &gt;240 To 960, Deduct</i>	-0.43	
			<i>For &gt;960, Deduct</i>	-0.65	
09 65 13 13-0020	LF		3" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	6.37	1.78
			<i>For Up To 20, Add</i>	2.14	
			<i>For &gt;20 To 40, Add</i>	1.23	
			<i>For &gt;40 To 80, Add</i>	0.47	
			<i>For &gt;240 To 960, Deduct</i>	-0.49	
			<i>For &gt;960, Deduct</i>	-0.73	
09 65 13 13-0021	LF		4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	5.83	1.49
			<i>For Up To 20, Add</i>	2.06	
			<i>For &gt;20 To 40, Add</i>	1.18	
			<i>For &gt;40 To 80, Add</i>	0.44	
			<i>For &gt;240 To 960, Deduct</i>	-0.44	
			<i>For &gt;960, Deduct</i>	-0.65	
09 65 13 13-0022	LF		4-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	6.18	1.49
			<i>For Up To 20, Add</i>	2.11	
			<i>For &gt;20 To 40, Add</i>	1.21	
			<i>For &gt;40 To 80, Add</i>	0.46	
			<i>For &gt;240 To 960, Deduct</i>	-0.47	
			<i>For &gt;960, Deduct</i>	-0.71	
09 65 13 13-0023	LF		6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors .....	8.51	1.78
			<i>For Up To 20, Add</i>	2.70	
			<i>For &gt;20 To 40, Add</i>	1.56	
			<i>For &gt;40 To 80, Add</i>	0.60	
			<i>For &gt;240 To 960, Deduct</i>	-0.67	
			<i>For &gt;960, Deduct</i>	-1.01	
<b>09 65 13 23</b>			<b>Resilient Stair Treads and Risers</b> <small>(09 65 13)</small>		
			Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread.		
			All colors.		
09 65 13 23-0001			<b>Rubber Stair Treads and Risers</b> <small>(09 65 13 23)</small>		
09 65 13 23-0002			<b>Raised Disc Or Other Patterned Rubber Stair Tread</b> <small>(09 65 13 23-0001)</small>		
09 65 13 23-0003	LF		3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	17.12	2.37
			Note: Raised disc or other pattern.		
			<i>For Abrasive Strip, Add</i>	2.75	
			<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0004	LF		1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	18.39	2.55
			Note: Raised disc or other pattern.		
			<i>For Abrasive Strip, Add</i>	2.75	
			<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0005	LF		5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	22.10	2.73
			Note: Raised disc or other pattern.		
			<i>For Abrasive Strip, Add</i>	2.75	
			<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0006			<b>Smooth Surface Rubber Stair Tread</b> <small>(09 65 13 23-0001)</small>		
09 65 13 23-0007	LF		3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	16.22	2.37
			Note: Smooth surface.		
			<i>For Abrasive Strip, Add</i>	2.75	
			<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	
09 65 13 23-0008	LF		1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread .....	17.13	2.55
			Note: Smooth surface.		
			<i>For Abrasive Strip, Add</i>	2.75	
			<i>For Photo Luminescent Abrasive Strip, Add</i>	3.75	



**09 Finishes****09 60 Flooring****09 65 Resilient Flooring**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 65 13 23-0009	LF	5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread ..... Note: Smooth surface. For Abrasive Strip, Add For Photo Luminescent Abrasive Strip, Add	20.77		2.74
				2.75	
				3.75	
<b>09 65 13 23-0010</b>		<b>Smooth Surface Rubber Stair Riser (09 65 13 23-0001)</b>			
09 65 13 23-0011	LF	1/8" Thick, Smooth Surface Rubber Stair Riser.....	9.45		1.43
<b>09 65 13 23-0012</b>		<b>Smooth, Raised Disc or Other Patterned Rubber Landing Mats (09 65 13 23-0001)</b>			
09 65 13 23-0013	SF	1/8" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	28.10		2.19
09 65 13 23-0014	SF	3/16" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	33.57		2.37
09 65 13 23-0015	SF	7/32" Thick, Rubber Landing Mats..... Note: Smooth, raised disc or other patterned surface.	36.41		2.67
<b>09 65 13 23-0016</b>		<b>Vinyl Stair Treads and Risers (09 65 13 23)</b>			
<b>09 65 13 23-0017</b>		<b>Ribbed Vinyl Stair Tread (09 65 13 23-0016)</b>			
09 65 13 23-0018	LF	1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... For Abrasive Strip, Add	19.28		2.16
				2.75	
09 65 13 23-0019	LF	3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... For Abrasive Strip, Add	21.30		2.37
				2.75	
09 65 13 23-0020	LF	1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread..... For Abrasive Strip, Add	25.59		2.56
				2.75	
<b>09 65 13 23-0021</b>		<b>Smooth Surface Vinyl Stair Riser (09 65 13 23-0016)</b>			
09 65 13 23-0022	LF	1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser .....	10.72		1.43
<b>09 65 13 33</b>		<b>Resilient Accessories (09 65 13)</b>			
<b>09 65 13 33-0001</b>		<b>Flexible Self Leveling Cementitious Underlayments (09 65 13 33)</b>			
09 65 13 33-0002	SF	1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	2.09		1.19
09 65 13 33-0003	SF	1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers .....	3.19		1.19
<b>09 65 13 33-0004</b>		<b>Concrete Floor Prep (09 65 13 33)</b>			
09 65 13 33-0005	SF	Removal Of Glue From Concrete Floor ..... Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.	1.49		
<b>09 65 13 36</b>		<b>Resilient Carpet Transitions (09 65 13)</b>			
<b>09 65 13 36-0001</b>		<b>Vinyl Transition Strip (09 65 13 36)</b>			
09 65 13 36-0002	LF	Vinyl Transition Strip, Brown Or Black..... For >240 To 960, Deduct	2.73		1.07
				-0.20	
				-0.30	
09 65 13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black..... For >240 To 960, Deduct	2.46		1.07
				-0.17	
				-0.26	
09 65 13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black..... For >240 To 960, Deduct	2.15		1.07
				-0.14	
				-0.21	
<b>09 65 13 36-0005</b>		<b>Vinyl, Wheeled Traffic Transitions (09 65 13 36)</b>			
09 65 13 36-0006	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A)..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct	4.41		1.49
				1.61	
				0.92	
				0.34	
				-0.32	
				-0.48	
09 65 13 36-0007	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C)..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct	4.41		1.49
				1.61	
				0.92	
				0.34	
				-0.32	
				-0.48	
09 65 13 36-0008	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)..... For Up To 20, Add For >20 To 40, Add For >40 To 80, Add For >240 To 960, Deduct	5.32		1.49
				1.75	
				1.01	
				0.38	
				-0.41	
				-0.62	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Resilient Flooring	09 65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65	13 36-0009	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H) .....	8.54	1.49
			For Up To 20, Add	2.23	
			For >20 To 40, Add	1.33	
			For >40 To 80, Add	0.55	
			For >240 To 960, Deduct	-0.74	
			For >960, Deduct	-1.10	
09 65	13 36-0010	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL) .....	8.56	1.49
			For Up To 20, Add	2.23	
			For >20 To 40, Add	1.33	
			For >40 To 80, Add	0.55	
			For >240 To 960, Deduct	-0.74	
			For >960, Deduct	-1.11	
09 65	13 36-0011	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT) .....	5.80	1.49
			For Up To 20, Add	1.82	
			For >20 To 40, Add	1.05	
			For >40 To 80, Add	0.41	
			For >240 To 960, Deduct	-0.46	
			For >960, Deduct	-0.69	
09 65	13 36-0012	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J) .....	8.34	1.49
			For Up To 20, Add	2.20	
			For >20 To 40, Add	1.31	
			For >40 To 80, Add	0.54	
			For >240 To 960, Deduct	-0.72	
			For >960, Deduct	-1.07	
09 65	13 36-0013	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL) .....	8.62	1.49
			For Up To 20, Add	2.24	
			For >20 To 40, Add	1.34	
			For >40 To 80, Add	0.55	
			For >240 To 960, Deduct	-0.74	
			For >960, Deduct	-1.12	
09 65	13 36-0014	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K) .....	7.32	1.49
			For Up To 20, Add	2.05	
			For >20 To 40, Add	1.21	
			For >40 To 80, Add	0.48	
			For >240 To 960, Deduct	-0.61	
			For >960, Deduct	-0.92	
09 65	13 36-0015	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L) .....	7.96	1.49
			For Up To 20, Add	2.14	
			For >20 To 40, Add	1.27	
			For >40 To 80, Add	0.52	
			For >240 To 960, Deduct	-0.68	
			For >960, Deduct	-1.02	
09 65	13 36-0016	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M) .....	8.62	1.49
			For Up To 20, Add	2.24	
			For >20 To 40, Add	1.34	
			For >40 To 80, Add	0.55	
			For >240 To 960, Deduct	-0.74	
			For >960, Deduct	-1.12	
09 65	13 36-0017	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N) .....	7.20	1.49
			For Up To 20, Add	2.03	
			For >20 To 40, Add	1.19	
			For >40 To 80, Add	0.48	
			For >240 To 960, Deduct	-0.60	
			For >960, Deduct	-0.90	
09 65	13 36-0018	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P) .....	6.15	1.49
			For Up To 20, Add	1.87	
			For >20 To 40, Add	1.09	
			For >40 To 80, Add	0.43	
			For >240 To 960, Deduct	-0.50	
			For >960, Deduct	-0.74	
09 65	13 36-0019	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL) .....	8.85	1.49
			For Up To 20, Add	2.28	
			For >20 To 40, Add	1.36	
			For >40 To 80, Add	0.56	
			For >240 To 960, Deduct	-0.77	
			For >960, Deduct	-1.15	
09 65	13 36-0020	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q) .....	11.29	1.49
			For Up To 20, Add	2.64	
			For >20 To 40, Add	1.60	
			For >40 To 80, Add	0.68	
			For >240 To 960, Deduct	-1.01	
			For >960, Deduct	-1.52	
09 65	13 36-0021	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X) .....	5.98	1.49
			For Up To 20, Add	1.85	
			For >20 To 40, Add	1.07	
			For >40 To 80, Add	0.42	
			For >240 To 960, Deduct	-0.48	
			For >960, Deduct	-0.72	
09 65	13 36-0022	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y) .....	6.07	1.49
			For Up To 20, Add	1.86	
			For >20 To 40, Add	1.08	
			For >40 To 80, Add	0.42	
			For >240 To 960, Deduct	-0.49	
			For >960, Deduct	-0.73	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 65 Resilient Flooring</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 65 13 36-0023	LF 0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z).....	6.83	1.49
	For Up To 20, Add	1.97	
	For >20 To 40, Add	1.16	
	For >40 To 80, Add	0.46	
	For >240 To 960, Deduct	-0.56	
	For >960, Deduct	-0.85	
<b>09 65 16</b>	<b>Resilient Sheet Flooring</b> (09 65)		
	Note: Includes mastic and cleaning floor after installation is complete.		
<b>09 65 16 23</b>	<b>Vinyl Sheet Flooring</b> (09 65 16)		
<b>09 65 16 23-0001</b>	<b>Vinyl Sheet Flooring</b> (09 65 16 23)		
	Note: For flash cove application, add additional square foot of material to form cove base.		
09 65 16 23-0002	SF 0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring .....	11.72	0.89
	For Up To 40, Add	4.71	
	For >40 To 100, Add	2.36	
	For >1,000, Deduct	-0.99	
09 65 16 23-0003	SF 0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring .....	9.60	0.89
	For Up To 40, Add	4.29	
	For >40 To 100, Add	2.14	
	For >1,000, Deduct	-0.78	
09 65 16 23-0004	SF 0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring .....	6.31	0.89
	For Up To 40, Add	3.63	
	For >40 To 100, Add	1.81	
	For >1,000, Deduct	-0.45	
09 65 16 23-0005	SF 0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring .....	8.15	0.89
	For Up To 40, Add	4.00	
	For >40 To 100, Add	2.00	
	For >1,000, Deduct	-0.63	
09 65 16 23-0006	SF 0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring .....	10.87	0.89
	For Up To 40, Add	4.54	
	For >40 To 100, Add	2.27	
	For >1,000, Deduct	-0.91	
09 65 16 23-0007	SF 0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring.....	14.96	0.89
	For Up To 40, Add	5.36	
	For >40 To 100, Add	2.68	
	For >1,000, Deduct	-1.31	
<b>09 65 16 23-0008</b>	<b>Heat Welding Vinyl Sheet Flooring Seams</b> (09 65 16 23)		
	Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 16 23-0009	LF Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	8.30	
09 65 16 23-0010	LF Heat Weld Patterned Vinyl Sheet Flooring Seams .....	8.75	
<b>09 65 16 23-0011</b>	<b>Forming Vinyl Sheet Flooring Inside/Outside Cove Corners</b> (09 65 16 23)		
	Note: Excludes heat welding.		
09 65 16 23-0012	EA Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	19.79	
<b>09 65 16 23-0013</b>	<b>Vinyl Sheet Flooring Accessories</b> (09 65 16 23)		
09 65 16 23-0014	LF 1/2" Radius Vinyl Cove Filler Strip .....	4.72	
09 65 16 23-0015	LF 1-1/4" Radius Vinyl Cove Filler Strip .....	4.28	
09 65 16 23-0016	LF 1-1/2" Radius Vinyl Cove Filler Strip .....	6.44	
09 65 16 23-0017	LF 1/8" Aluminum Cove Cap.....	3.42	
<b>09 65 19</b>	<b>Resilient Tile Flooring</b> (09 65)		
	Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.		
<b>09 65 19 19</b>	<b>Vinyl Composition Tile Flooring</b> (09 65 19)		
<b>09 65 19 19-0001</b>	<b>Vinyl Composition Tile (VCT)</b> (09 65 19 19)		
	Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.		
09 65 19 19-0002	SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®).....	4.36	1.78
	For >40 To 80, Add	0.33	
	For >1,000 To 3,000, Deduct	-0.10	
	For >3,000 To 6,000, Deduct	-0.25	
	For >6,000, Deduct	-0.46	
	For 3/32" Thick, Deduct	-0.22	
	For Extra Stock, Material Only, Deduct	-2.09	
09 65 19 19-0003	SF 1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™).....	4.21	1.78
	For >40 To 80, Add	0.32	
	For >1,000 To 3,000, Deduct	-0.10	
	For >3,000 To 6,000, Deduct	-0.25	
	For >6,000, Deduct	-0.45	
	For Extra Stock, Material Only, Deduct	-2.09	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Resilient Flooring	09 65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0004	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®) .....	4.21	1.78
			<i>For &gt;40 To 80, Add</i>	0.32	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.10	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.25	
			<i>For &gt;6,000, Deduct</i>	-0.45	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0005	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™) .....	6.14	1.78
			<i>For &gt;40 To 80, Add</i>	0.42	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.13	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.32	
			<i>For &gt;6,000, Deduct</i>	-0.57	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0006	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	6.16	1.78
			<i>For &gt;40 To 80, Add</i>	0.42	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.13	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.32	
			<i>For &gt;6,000, Deduct</i>	-0.57	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0007	SF		1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®).....	6.52	1.78
			<i>For &gt;40 To 80, Add</i>	0.44	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.14	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.34	
			<i>For &gt;6,000, Deduct</i>	-0.59	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0008	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®) .....	6.58	1.78
			<i>For &gt;40 To 80, Add</i>	0.44	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.14	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.34	
			<i>For &gt;6,000, Deduct</i>	-0.59	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0009	SF		1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™).....	6.81	1.78
			<i>For &gt;40 To 80, Add</i>	0.45	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.15	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.35	
			<i>For &gt;6,000, Deduct</i>	-0.61	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0010	SF		1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™) .....	8.91	1.78
			<i>For &gt;40 To 80, Add</i>	0.56	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.19	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.43	
			<i>For &gt;6,000, Deduct</i>	-0.73	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0011	SF		1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	9.74	1.78
			<i>For &gt;40 To 80, Add</i>	0.60	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.21	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.47	
			<i>For &gt;6,000, Deduct</i>	-0.78	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 19-0012			<b>Static Dissipative Vinyl Composition Tile (VCT)</b> <small>(09 65 19 19)</small>		
			Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.		
09 65 19 19-0013	SF		1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™).....	19.53	1.78
			<i>For &gt;40 To 80, Add</i>	1.16	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.41	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.91	
			<i>For &gt;6,000, Deduct</i>	-1.51	
			<i>For Extra Stock, Material Only, Deduct</i>	-3.52	
09 65 19 19-0014	SF		1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD).....	15.07	1.78
			<i>For Up To 20, Add</i>	3.74	
			<i>For &gt;20 To 40, Add</i>	2.25	
			<i>For &gt;40 To 80, Add</i>	0.94	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.32	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.73	
			<i>For &gt;6,000, Deduct</i>	-1.24	
			<i>For Extra Stock, Material Only, Deduct</i>	-3.52	
09 65 19 23			<b>Vinyl Tile Flooring</b> <small>(09 65 19)</small>		
09 65 19 23-0001			<b>Vinyl Tile</b> <small>(09 65 19 23)</small>		
			Note: Any size.		
09 65 19 23-0002			<b>Solid Vinyl Tile (SVT)</b> <small>(09 65 19 23-0001)</small>		
			Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande) .....	10.85	1.78
			<i>For &gt;40 To 80, Add</i>	0.69	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.23	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.54	
			<i>For &gt;6,000, Deduct</i>	-0.92	
09 65 19 23-0004	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors) .....	11.13	1.78
			<i>For &gt;40 To 80, Add</i>	0.71	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.24	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.55	
			<i>For &gt;6,000, Deduct</i>	-0.94	

**09 Finishes****09 60 Flooring****09 65 Resilient Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 23-0005	SF		1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	11.34	1.78
			<i>For &gt;40 To 80, Add</i>	0.72	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.24	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.56	
			<i>For &gt;6,000, Deduct</i>	-0.95	
<b>09 65 19 33 Rubber Tile Flooring (09 65 19)</b>					
09 65 19 33-0001			Rubber Tile (09 65 19 33)		
09 65 19 33-0002			Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0001)		
09 65 19 33-0003	SF		1/8" Thick Rubber Tile With Raised Discs	23.85	1.07
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.30	
09 65 19 33-0004	SF		3/16" Thick Rubber Tile With Raised Discs	28.91	1.19
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.56	
09 65 19 33-0005	SF		7/32" Thick Rubber Tile With Raised Discs	32.14	1.43
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.75	
<b>09 65 19 43 Polyester Composition Tile Flooring (09 65 19)</b>					
09 65 19 43-0001			Polyester Composition Floor Tile (09 65 19 43)		
			Note: Any size.		
09 65 19 43-0002	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®)	9.45	1.78
			<i>For &gt;40 To 80, Add</i>	0.58	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.20	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.46	
			<i>For &gt;6,000, Deduct</i>	-0.77	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
09 65 19 43-0003	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	7.14	1.78
			<i>For &gt;40 To 80, Add</i>	0.47	
			<i>For &gt;1,000 To 3,000, Deduct</i>	-0.15	
			<i>For &gt;3,000 To 6,000, Deduct</i>	-0.36	
			<i>For &gt;6,000, Deduct</i>	-0.63	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.09	
<b>09 65 43 Linoleum Flooring (09 65)</b>					
			Note: Includes mastic and cleaning floor after installation is complete.		
09 65 43 00-0001			Linoleum Flooring (09 65 43)		
09 65 43 00-0002	SF		13" x 13" Forbo MCT Linoleum Tile	7.02	1.79
			Note: 2.0mm.		
			<i>For &lt; 500, Add</i>	0.70	
09 65 43 00-0003	SF		13" x 13" Or 20" x 20" Forbo Dual Linoleum Tile	11.98	1.79
			Note: 2.5mm.		
			<i>For &lt; 500, Add</i>	1.20	
09 65 43 00-0004	SF		Forbo Real, Fresco Or Vivace Linoleum Sheet	10.70	1.45
			<i>For &lt; 500, Add</i>	1.07	
09 65 43 00-0005	SF		Forbo Piano, Graphic, Mineral, Prisma Or Striatto Linoleum Sheet	11.27	1.45
			<i>For &lt; 500, Add</i>	1.13	
09 65 43 00-0006	LF		Forbo Linoleum Sheet Welding	6.20	
09 65 43 00-0007	LF		Heat Weld Linoleum Sheet Flooring Seams	8.31	
			Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
<b>09 65 66 Resilient Athletic Flooring (09 65)</b>					
09 65 66 00-0001			Recycled Rubber, Interlocking Athletic Tiles (09 65 66)		
09 65 66 00-0002	SF		3/8" Height, Recycled Rubber, Interlocking Athletic Tile	8.00	0.83
			<i>For Colors, Add</i>	1.36	
09 65 66 00-0003	SF		1/2" Height, Recycled Rubber, Interlocking Athletic Tile	9.32	1.04
			<i>For Colors, Add</i>	1.57	
09 65 66 00-0004	SF		3/4" Height, Recycled Rubber, Interlocking Athletic Tile	10.89	1.66
			<i>For Colors, Add</i>	1.70	
09 65 66 00-0005	SF		1" Height, Recycled Rubber, Interlocking Athletic Tile	15.75	2.02
			<i>For Colors, Add</i>	2.58	
09 65 66 00-0006			Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles (09 65 66)		
09 65 66 00-0007	SF		3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155)	42.01	0.83
			<i>For Colors, Add</i>	5.10	
09 65 66 00-0008	SF		9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100)	60.74	0.83
			<i>For Colors, Add</i>	7.44	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Resilient Flooring	09 65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 66 00-0009	SF		3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100).....	44.37	0.83
			<i>For Colors, Add</i>	5.40	
09 65 66 00-0010	SF		9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200).....	54.58	0.83
			<i>For Colors, Add</i>	6.67	
09 65 66 00-0011	SF		7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150).....	45.63	0.83
			<i>For Colors, Add</i>	5.56	
<b>09 65 66 00-0012 Sheet Goods For Gym (09 65 66)</b>					
09 65 66 00-0013	SF		1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	24.15	3.56
09 65 66 00-0014	SF		9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	25.54	3.68
09 65 66 00-0015	SF		3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	26.81	3.80
09 65 66 00-0016	SF		1/8" Rubber Sheet Good For Gym Floor Base.....	5.95	2.90
09 65 66 00-0017	SF		3/16" Rubber Sheet Good For Gym Floor Base.....	6.69	3.33
09 65 66 00-0018	SF		1/4" Rubber Sheet Good For Gym Floor Base.....	7.64	3.56
09 65 66 00-0019	SF		3/8" Rubber Sheet Good For Gym Floor Base.....	8.35	3.80
09 65 66 00-0020	SF		1/2" Rubber Sheet Good For Gym Floor Base.....	8.82	4.04
<b>09 65 66 00-0021 Polyurethane Floor Systems (09 65 66)</b>					
			See CSI section 09 93 23 53-0013 for game lines.		
09 65 66 00-0022	SF		9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic).....	25.68	2.37
<b>09 66 Terrazzo Flooring (09 60)</b>					
<b>09 66 13 Portland Cement Terrazzo Flooring (09 66)</b>					
			Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		
<b>09 66 13 13 Sand Cushion Terrazzo Flooring (09 66 13)</b>					
<b>09 66 13 13-0001 Floors Not Bonded To Concrete (09 66 13 13)</b>					
			Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		
09 66 13 13-0002	SF		Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	37.22	3.34
			<i>For Venetian Type Terrazzo, Add</i>	9.70	
			<i>For Abrasive Heavy-Duty Terrazzo, Add</i>	9.70	
			<i>For Colors, Add</i>	4.85	
			<i>For Up To 100, Add</i>	9.07	
			<i>For &gt;100 To 250, Add</i>	4.54	
09 66 13 13-0003	SF		Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	37.41	3.34
			<i>For Venetian Type Terrazzo, Add</i>	9.79	
			<i>For Abrasive Heavy-Duty Terrazzo, Add</i>	9.79	
			<i>For Colors, Add</i>	4.90	
			<i>For Up To 100, Add</i>	9.09	
			<i>For &gt;100 To 250, Add</i>	4.55	
<b>09 66 13 16 Monolithic Terrazzo Flooring (09 66 13)</b>					
<b>09 66 13 16-0001 Monolithic Terrazzo (09 66 13 16)</b>					
09 66 13 16-0002	SF		Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping.....	20.60	3.34
			Note: Including Mesh And Felt		
			<i>For Venetian Type Terrazzo, Add</i>	7.06	
			<i>For Abrasive Heavy-Duty Terrazzo, Add</i>	7.06	
			<i>For Colors, Add</i>	3.53	
			<i>For Up To 100, Add</i>	4.00	
			<i>For &gt;100 To 250, Add</i>	2.00	
<b>09 66 13 19 Bonded Terrazzo Flooring (09 66 13)</b>					
<b>09 66 13 19-0001 Floors Bonded To Concrete (09 66 13 19)</b>					
			Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 19-0002	SF		Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping.....	29.70	3.34
			<i>For Venetian Type Terrazzo, Add</i>	8.00	
			<i>For Abrasive Heavy-Duty Terrazzo, Add</i>	8.00	
			<i>For Colors, Add</i>	4.00	
			<i>For Up To 100, Add</i>	7.08	
			<i>For &gt;100 To 250, Add</i>	3.54	
09 66 13 19-0003	SF		Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	29.89	3.34
			<i>For Venetian Type Terrazzo, Add</i>	8.10	
			<i>For Abrasive Heavy-Duty Terrazzo, Add</i>	8.10	
			<i>For Colors, Add</i>	4.05	
			<i>For Up To 100, Add</i>	7.10	
			<i>For &gt;100 To 250, Add</i>	3.55	
<b>09 66 13 19-0004 Terrazzo Wainscot (09 66 13 19)</b>					
09 66 13 19-0005	SF		1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry.....	40.04	4.45
			<i>For Venetian Type Terrazzo, Add</i>	5.18	



<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 66 Terrazzo Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 66 13 19-0006 Terrazzo Base</b> <small>(09 66 13 19)</small>		
09 66 13 19-0007 SF 6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry .....	40.54	3.23
For Venetian Type Terrazzo, Add	11.30	
<b>09 66 13 19-0008 Terrazzo Curb</b> <small>(09 66 13 19)</small>		
09 66 13 19-0009 LF 6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces .....	101.91	21.54
For Venetian Type Terrazzo, Add	15.06	
<b>09 66 13 19-0010 Stairs Cast In Place</b> <small>(09 66 13 19)</small>		
Note: Topping applied to concrete or metal.		
09 66 13 19-0011 LF 1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal .....	40.86	6.68
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 19-0012 LF Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal .....	102.07	22.26
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
09 66 13 19-0013 SF Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal .....	41.43	6.68
For Each SF Of Abrasive Surface Finish, Add	0.35	
For Each LF Of Embedded Abrasive Strips, Add	0.56	
For Each LF Of Abrasive Metal Nosing, Add	3.90	
For Each SF Of Landings, Add	1.50	
<b>09 66 13 19-0014 Divider Strips</b> <small>(09 66 13 19)</small>		
09 66 13 19-0015 LF 1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip .....	7.20	1.11
09 66 13 19-0016 LF 1-1/4" Deep, 14 Gauge, Brass, Divider Strip .....	6.43	1.11
09 66 13 19-0017 LF 1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip .....	11.31	1.11
09 66 13 19-0018 LF 1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip .....	17.03	1.11
09 66 13 19-0019 LF 1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors .....	6.85	1.11
09 66 13 19-0020 LF 1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors .....	10.46	1.11
09 66 13 19-0021 LF Vinyl Plastic, Divider Strip For Floor .....	6.20	1.11
<b>09 66 16 Terrazzo Floor Tile</b> <small>(09 66)</small>		
<b>09 66 16 13 Portland Cement Terrazzo Floor Tile</b> <small>(09 66 16)</small>		
<b>09 66 16 13-0001 Flooring Tiles</b> <small>(09 66 16 13)</small>		
Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
<b>09 66 16 13-0002 Terrazzo Tiles With Non-Slip Surface</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0003 SF 9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile .....	34.80	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0004 SF 12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile .....	35.44	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0005 SF 12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile .....	40.94	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0006 SF 18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile .....	43.63	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0007 SF 24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile .....	45.45	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
<b>09 66 16 13-0008 Terrazzo Tile Thin Set</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0009 SF Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed .....	34.37	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0010 SF Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed .....	36.58	3.32
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
<b>09 66 16 13-0011 Thin Set Terrazzo Wainscot</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0012 SF 12" x 12" x 1" Terrazzo Tile Wainscot Thin Set .....	51.24	6.46
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0013 SF 18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set .....	58.42	6.46
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	



<b>Finishes</b>	<b>09</b>	
Flooring	09 60	09
Terrazzo Flooring	09 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0015 LF 6" High, Straight Terrazzo Base Thin Set, Gray Cement.....	17.16	3.23
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0016 LF 6" High, Cove Terrazzo Base Thin Set, Gray Cement.....	19.21	3.23
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0017 LF 8" High, Straight Terrazzo Base Thin Set, Gray Cement.....	20.03	3.23
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0018 LF 8" High, Cove Terrazzo Base Thin Set, Gray Cement.....	21.05	3.23
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
<b>09 66 16 13-0019 Terrazzo Curbs</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0020 LF 8" x 8" Curb, Terrazzo Tile.....	34.22	4.31
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0021 LF 6" x 6" Curb, Terrazzo Tile.....	33.19	4.31
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
<b>09 66 16 13-0022 Precast Terrazzo Stair Treads 12" Wide</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0023 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern .....	84.06	4.31
09 66 16 13-0024 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface .....	71.78	4.31
09 66 16 13-0025 LF 2" Precast Terrazzo Straight Stair Tread .....	63.59	4.31
09 66 16 13-0026 LF 2" Precast Terrazzo Curved Stair Tread .....	74.51	4.31
<b>09 66 16 13-0027 Stair Risers, 1" Thick To 6" High, Straight</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0028 LF 1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set .....	38.03	3.23
09 66 16 13-0029 LF 1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set.....	44.17	3.23
<b>09 66 16 13-0030 Stair Risers, 1" Thick To 6" High, Curved</b> <small>(09 66 16 13-0001)</small>		
09 66 16 13-0031 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set .....	56.09	3.23
09 66 16 13-0032 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	60.18	3.23
<b>09 66 16 13-0033 Tread And Riser</b> <small>(09 66 16 13)</small>		
<b>09 66 16 13-0034 Stair Stringers, Notched For Treads And Risers</b> <small>(09 66 16 13-0033)</small>		
09 66 16 13-0035 LF 1" Precast Terrazzo Stair Stringers Notched For Treads And Risers .....	93.83	8.61
09 66 16 13-0036 LF 2" Precast Terrazzo Stair Stringers Notched For Treads And Risers .....	113.29	8.61
<b>09 66 16 13-0037 Structural Non-Slip Landings</b> <small>(09 66 16 13-0033)</small>		
09 66 16 13-0038 SF 1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip .....	67.60	4.31
09 66 16 13-0039 SF 3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip.....	83.27	4.31
<b>09 66 16 13-0040 Combined Tread And Riser</b> <small>(09 66 16 13-0033)</small>		
<b>09 66 16 13-0041 Straight Sections</b> <small>(09 66 16 13-0040)</small>		
09 66 16 13-0042 LF Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	147.78	8.61
09 66 16 13-0043 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	176.45	8.61
<b>09 66 16 13-0044 Curved Sections</b> <small>(09 66 16 13-0040)</small>		
09 66 16 13-0045 LF Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	185.36	8.61
09 66 16 13-0046 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	234.50	8.61
<b>09 66 23 Resinous Matrix Terrazzo Flooring</b> <small>(09 66)</small>		
<b>09 66 23 16 Epoxy-Resin Terrazzo Flooring</b> <small>(09 66 23)</small>		
<b>09 66 23 16-0001 Epoxy Terrazzo</b> <small>(09 66 23 16)</small>		
09 66 23 16-0002 SF Chemical Resistant Epoxy Terrazzo, 1/4" Thick.....	28.31	3.34
<b>09 66 33 Conductive Terrazzo Flooring</b> <small>(09 66)</small>		
Note: For anti-static areas.		
<b>09 66 33 13 Conductive Epoxy-Resin Terrazzo</b> <small>(09 66 33)</small>		
09 66 33 13-0001 SF Terrazzo, Epoxy System, Floor Spark Proof, Conductive, Industrial .....	29.19	5.38
09 66 33 13-0002 SF Terrazzo, Epoxy System, Base Spark Proof, Conductive, Industrial .....	53.26	5.38

09	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 66 Terrazzo Flooring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring (09 66 33)**

09 66 33 16-0001	SF	Terrazzo, Polyester System, Floor Spark Proof, Conductive, Industrial.....	22.29	5.38
09 66 33 16-0002	SF	Terrazzo, Polyester System, Base Spark Proof, Conductive, Industrial.....	38.46	5.38

**09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring (09 66 33)**

09 66 33 19-0001	SF	Terrazzo, Polyacrylate System, Floor Spark Proof, Conductive, Industrial.....	24.89	5.38
09 66 33 19-0002	SF	Terrazzo, Polyacrylate System, Base Spark Proof, Conductive, Industrial.....	47.93	5.38
09 66 33 19-0003	SF	Terrazzo, Synthetic Latex Mastic System, Floor Spark Proof, Conductive, Industrial.....	36.23	5.38
09 66 33 19-0004	SF	Terrazzo, Synthetic Latex Mastic System, Base Spark Proof, Conductive, Industrial.....	41.07	5.38

**09 67 Fluid-Applied Flooring (09 60)**

**09 67 16 Epoxy-Marble Chip Flooring (09 67)**

09 67 16 00-0001	Epoxy Marble Chip Flooring (09 67 16)			
09 67 16 00-0002	SF	Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base.....	18.90	3.34
		Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.		
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.09	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.09	
09 67 16 00-0003	SF	Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy-Duty Epoxy.....	20.14	3.34
		Note: Includes primer, 3/16" marble chip coat and top seal coat.		
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.10	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.10	

**09 67 23 Resinous Flooring (09 67)**

**09 67 23 00-0001 Stonhard Resinous Flooring (09 67 23)**

Note: 200 SF minimum. Includes primer and topcoats in assorted colors. Includes mechanical preparation of the bare concrete by dustless grinding or abrasive blasting. Excludes work required to bring concrete to a good condition.

09 67 23 00-0002	SF	3/16" Heavy-Duty (9,000 - 10,000 PSI) Trowel Applied Epoxy Flooring (Stonclad GS).....	20.85	6.90
		Note: Includes primer, mortar, and topcoat.		
		<i>For Up To 500, Add</i>	5.44	
		<i>For &gt;500 To 1,000, Add</i>	0.91	
		<i>For &gt;5,000, Deduct</i>	-1.90	
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.05	
09 67 23 00-0003	SF	1/8" (8,000 - 9,000 PSI) Multicolored Quartz Broadcast Trowel Applied Epoxy Skid Resistant Finish (Stonshield SLT).....	17.47	6.90
		<i>For Up To 500, Add</i>	1.27	
		<i>For &gt;500 To 1,000, Add</i>	1.05	
		<i>For &gt;5,000, Deduct</i>	-0.75	
		<i>For Orange Peel Texture, Non-Abrasive Topping, Add</i>	1.44	
09 67 23 00-0004	SF	1/16" (5,000 - 6,000 PSI) Multicolored Vinyl Chip Trowel Applied Epoxy Skid Resistant Finish (Stontec ERF).....	19.14	6.90
		<i>For Up To 500, Add</i>	3.64	
		<i>For &gt;500 To 1,000, Add</i>	1.87	
		<i>For &gt;5,000, Deduct</i>	-1.82	
		<i>For Orange Peel Texture, Non-Abrasive Topping, Add</i>	1.44	
09 67 23 00-0005	SF	3/16" (10,000 PSI) Decorative Quartz Broadcast Trowel Applied Epoxy Flooring (Stonshield HRI).....	19.55	6.90
		<i>For Up To 500, Add</i>	3.69	
		<i>For &gt;500 To 1,000, Add</i>	1.08	
		<i>For &gt;5,000, Deduct</i>	-0.51	
		<i>For Orange Peel Texture, Non-Abrasive Topping, Add</i>	1.44	
09 67 23 00-0006	SF	1/4" (8,000 PSI) Trowel Applied Cementitious Urethane Heat And Skid Resistant Finish (Stonclad UT).....	28.93	6.90
		<i>For Up To 500, Add</i>	6.45	
		<i>For &gt;500 To 1,000, Add</i>	0.55	
		<i>For &gt;5,000, Deduct</i>	-3.70	
09 67 23 00-0007	SF	3/16" Trowel Applied Urethane Based Rubberized Terrazzo With Decorative, Resilient Rubber Chips (Stonblend RTZ).....	43.95	9.98
		<i>For Up To 500, Add</i>	6.02	
		<i>For &gt;500 To 1,000, Add</i>	3.91	
		<i>For &gt;5,000, Deduct</i>	-2.14	
09 67 23 00-0008	LF	4" Troweled Cove Base With 16 Gauge "J" Channel.....	15.07	

**09 67 23 00-0009 Epoxy Resin Flooring (09 67 23)**

Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two-pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.

09 67 23 00-0010	SF	3/16" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	13.83	7.57
		Note: Includes primer, one 3/16" slurry coat and top seal coats (color).		
		<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.05	
		<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.05	
		<i>For Up To 500, Add</i>	2.57	
		<i>For &gt;500 To 1,000, Add</i>	1.63	
		<i>For &gt;1,000 To 2,000, Add</i>	0.81	
		<i>For &gt;10,000, Deduct</i>	-0.91	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Fluid-Applied Flooring	09 67

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0011	SF		3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound ..... Note: Includes primer, one 3/16" slurry coat and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For &gt;10,000, Deduct</i>	19.77 0.11 0.11 4.05 2.52 1.26 -1.21	7.57
09 67 23 00-0012	SF		1/4" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound ..... Note: Includes primer, two 1/8" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For &gt;10,000, Deduct</i>	16.59 0.05 0.05 3.03 1.93 0.97 -1.11	8.46
09 67 23 00-0013	SF		1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound ..... Note: Includes primer, two 1/8" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For &gt;10,000, Deduct</i>	23.39 0.12 0.12 4.73 2.95 1.48 -1.45	8.46
09 67 23 00-0014	SF		3/8" Heavy-Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound ..... Note: Includes primer, two 3/16" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For &gt;10,000, Deduct</i>	18.70 0.06 0.06 3.44 2.19 1.09 -1.24	9.47
09 67 23 00-0015	SF		3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound ..... Note: Includes primer, two 3/16" slurry coats and top seal coats (color). <i>For Skid Resistant Abrasive Sand Finish, Add</i> <i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i> <i>For Up To 500, Add</i> <i>For &gt;500 To 1,000, Add</i> <i>For &gt;1,000 To 2,000, Add</i> <i>For &gt;10,000, Deduct</i>	25.91 0.14 0.14 5.24 3.27 1.63 -1.60	9.47

**09 68 Carpeting** (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

**09 68 13 Tile Carpeting** (09 68)

**09 68 13 00-0001 Tufted Carpet Tiles** (09 68 13)

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

**09 68 13 00-0002 Non-Patterned Carpet Tiles** (09 68 13 00-0001)

09 68 13 00-0003	SY		18 Ounce, Non-Patterned, Nylon Carpet Tile ..... <i>For Up To 15, Add</i> <i>For &gt;15 To 33, Add</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 900, Deduct</i> <i>For &gt;900 To 1,500, Deduct</i> <i>For &gt;1,500 To 2,200, Deduct</i> <i>For &gt;2,200 To 3,500, Deduct</i> <i>For &gt;3,500, Deduct</i> <i>For Cushion Backed Tile, Add</i>	40.94 3.50 1.75 -0.47 -0.70 -1.43 -2.17 -3.22 -4.24 -5.27 6.00	7.14
09 68 13 00-0004	SY		20 Ounce, Non-Patterned, Nylon Carpet Tile ..... <i>For Up To 15, Add</i> <i>For &gt;15 To 33, Add</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 900, Deduct</i> <i>For &gt;900 To 1,500, Deduct</i> <i>For &gt;1,500 To 2,200, Deduct</i> <i>For &gt;2,200 To 3,500, Deduct</i> <i>For &gt;3,500, Deduct</i> <i>For Cushion Backed Tile, Add</i>	42.36 3.50 1.75 -0.50 -0.75 -1.51 -2.26 -3.36 -4.42 -5.48 6.00	7.14
09 68 13 00-0005	SY		22 Ounce, Non-Patterned, Nylon Carpet Tile ..... <i>For Up To 15, Add</i> <i>For &gt;15 To 33, Add</i> <i>For &gt;200 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 900, Deduct</i> <i>For &gt;900 To 1,500, Deduct</i> <i>For &gt;1,500 To 2,200, Deduct</i> <i>For &gt;2,200 To 3,500, Deduct</i> <i>For &gt;3,500, Deduct</i> <i>For Cushion Backed Tile, Add</i>	46.87 3.50 1.75 -0.59 -0.88 -1.73 -2.58 -3.81 -4.98 -6.16 6.00	7.14

**09 Finishes****09 60 Flooring**

09 68 Carpeting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 68 13 00-0006	SY 24 Ounce, Non-Patterned, Nylon Carpet Tile .....	51.27	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.68	
	For >400 To 600, Deduct	-1.01	
	For >600 To 900, Deduct	-1.95	
	For >900 To 1,500, Deduct	-2.89	
	For >1,500 To 2,200, Deduct	-4.25	
	For >2,200 To 3,500, Deduct	-5.53	
	For >3,500, Deduct	-6.82	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0007	SY 26 Ounce, Non-Patterned, Nylon Carpet Tile .....	53.84	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.73	
	For >400 To 600, Deduct	-1.09	
	For >600 To 900, Deduct	-2.08	
	For >900 To 1,500, Deduct	-3.07	
	For >1,500 To 2,200, Deduct	-4.51	
	For >2,200 To 3,500, Deduct	-5.85	
	For >3,500, Deduct	-7.20	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0008	SY 28 Ounce, Non-Patterned, Nylon Carpet Tile .....	56.48	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.78	
	For >400 To 600, Deduct	-1.17	
	For >600 To 900, Deduct	-2.21	
	For >900 To 1,500, Deduct	-3.25	
	For >1,500 To 2,200, Deduct	-4.77	
	For >2,200 To 3,500, Deduct	-6.18	
	For >3,500, Deduct	-7.60	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0009	SY 30 Ounce, Non-Patterned, Nylon Carpet Tile .....	57.26	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.80	
	For >400 To 600, Deduct	-1.19	
	For >600 To 900, Deduct	-2.25	
	For >900 To 1,500, Deduct	-3.31	
	For >1,500 To 2,200, Deduct	-4.85	
	For >2,200 To 3,500, Deduct	-6.28	
	For >3,500, Deduct	-7.71	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0010	SY 32 Ounce, Non-Patterned, Nylon Carpet Tile .....	57.75	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.80	
	For >400 To 600, Deduct	-1.21	
	For >600 To 900, Deduct	-2.27	
	For >900 To 1,500, Deduct	-3.34	
	For >1,500 To 2,200, Deduct	-4.90	
	For >2,200 To 3,500, Deduct	-6.34	
	For >3,500, Deduct	-7.79	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0011	SY 34 Ounce, Non-Patterned, Nylon Carpet Tile .....	58.16	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.81	
	For >400 To 600, Deduct	-1.22	
	For >600 To 900, Deduct	-2.30	
	For >900 To 1,500, Deduct	-3.37	
	For >1,500 To 2,200, Deduct	-4.94	
	For >2,200 To 3,500, Deduct	-6.39	
	For >3,500, Deduct	-7.85	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0012	SY 36 Ounce, Non-Patterned, Nylon Carpet Tile .....	59.56	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.84	
	For >400 To 600, Deduct	-1.26	
	For >600 To 900, Deduct	-2.37	
	For >900 To 1,500, Deduct	-3.47	
	For >1,500 To 2,200, Deduct	-5.08	
	For >2,200 To 3,500, Deduct	-6.57	
	For >3,500, Deduct	-8.06	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Cushion Backed Tile, Add	6.00	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Carpeting	09 68

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 68 13 00-0013	SY 38 Ounce, Non-Patterned, Nylon Carpet Tile .....	62.34	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.90	
	For >400 To 600, Deduct	-1.34	
	For >600 To 900, Deduct	-2.50	
	For >900 To 1,500, Deduct	-3.66	
	For >1,500 To 2,200, Deduct	-5.36	
	For >2,200 To 3,500, Deduct	-6.92	
	For >3,500, Deduct	-8.48	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0014	SY 40 Ounce, Non-Patterned, Nylon Carpet Tile .....	65.33	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-0.96	
	For >400 To 600, Deduct	-1.43	
	For >600 To 900, Deduct	-2.65	
	For >900 To 1,500, Deduct	-3.87	
	For >1,500 To 2,200, Deduct	-5.66	
	For >2,200 To 3,500, Deduct	-7.29	
	For >3,500, Deduct	-8.92	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0015	SY 42 Ounce, Non-Patterned, Nylon Carpet Tile .....	71.07	7.14
	For Up To 15, Add	3.50	
	For >15 To 33, Add	1.75	
	For >200 To 400, Deduct	-1.07	
	For >400 To 600, Deduct	-1.61	
	For >600 To 900, Deduct	-2.94	
	For >900 To 1,500, Deduct	-4.27	
	For >1,500 To 2,200, Deduct	-6.23	
	For >2,200 To 3,500, Deduct	-8.01	
	For >3,500, Deduct	-9.79	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0016	SY Installation Of Owner Provided Non-Patterned Carpet Tiles.....	17.16	
<b>09 68 13 00-0017 Patterned Carpet Tiles (09 68 13 00-0001)</b>			
Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.			
09 68 13 00-0018	SY 15 Ounce, Patterned, Nylon Carpet Tile .....	42.28	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.46	
	For >400 To 600, Deduct	-0.69	
	For >600 To 900, Deduct	-1.44	
	For >900 To 1,500, Deduct	-2.19	
	For >1,500 To 2,200, Deduct	-3.27	
	For >2,200 To 3,500, Deduct	-4.32	
	For >3,500, Deduct	-5.38	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0019	SY 18 Ounce, Patterned, Nylon Carpet Tile .....	42.69	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.47	
	For >400 To 600, Deduct	-0.70	
	For >600 To 900, Deduct	-1.46	
	For >900 To 1,500, Deduct	-2.22	
	For >1,500 To 2,200, Deduct	-3.31	
	For >2,200 To 3,500, Deduct	-4.37	
	For >3,500, Deduct	-5.44	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0020	SY 20 Ounce, Patterned, Nylon Carpet Tile .....	44.49	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.50	
	For >400 To 600, Deduct	-0.76	
	For >600 To 900, Deduct	-1.55	
	For >900 To 1,500, Deduct	-2.34	
	For >1,500 To 2,200, Deduct	-3.49	
	For >2,200 To 3,500, Deduct	-4.60	
	For >3,500, Deduct	-5.71	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0021	SY 22 Ounce, Patterned, Nylon Carpet Tile .....	49.06	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.60	
	For >400 To 600, Deduct	-0.89	
	For >600 To 900, Deduct	-1.78	
	For >900 To 1,500, Deduct	-2.66	
	For >1,500 To 2,200, Deduct	-3.94	
	For >2,200 To 3,500, Deduct	-5.17	
	For >3,500, Deduct	-6.40	
	For Cushion Backed Tile, Add	6.00	



## 09 Finishes

09 60 Flooring

09 68 Carpeting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 68 13 00-0022	SY 24 Ounce, Patterned, Nylon Carpet Tile .....	53.53	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.69	
	For >400 To 600, Deduct	-1.03	
	For >600 To 900, Deduct	-2.00	
	For >900 To 1,500, Deduct	-2.98	
	For >1,500 To 2,200, Deduct	-4.39	
	For >2,200 To 3,500, Deduct	-5.73	
	For >3,500, Deduct	-7.07	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0023	SY 26 Ounce, Patterned, Nylon Carpet Tile .....	56.14	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.74	
	For >400 To 600, Deduct	-1.11	
	For >600 To 900, Deduct	-2.13	
	For >900 To 1,500, Deduct	-3.16	
	For >1,500 To 2,200, Deduct	-4.65	
	For >2,200 To 3,500, Deduct	-6.05	
	For >3,500, Deduct	-7.46	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0024	SY 28 Ounce, Patterned, Nylon Carpet Tile .....	58.81	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.79	
	For >400 To 600, Deduct	-1.19	
	For >600 To 900, Deduct	-2.27	
	For >900 To 1,500, Deduct	-3.35	
	For >1,500 To 2,200, Deduct	-4.92	
	For >2,200 To 3,500, Deduct	-6.39	
	For >3,500, Deduct	-7.86	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0025	SY 30 Ounce, Patterned, Nylon Carpet Tile .....	59.60	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.81	
	For >400 To 600, Deduct	-1.21	
	For >600 To 900, Deduct	-2.31	
	For >900 To 1,500, Deduct	-3.40	
	For >1,500 To 2,200, Deduct	-5.00	
	For >2,200 To 3,500, Deduct	-6.49	
	For >3,500, Deduct	-7.98	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0026	SY 32 Ounce, Patterned, Nylon Carpet Tile .....	60.10	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.82	
	For >400 To 600, Deduct	-1.23	
	For >600 To 900, Deduct	-2.33	
	For >900 To 1,500, Deduct	-3.44	
	For >1,500 To 2,200, Deduct	-5.05	
	For >2,200 To 3,500, Deduct	-6.55	
	For >3,500, Deduct	-8.05	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0027	SY 34 Ounce, Patterned, Nylon Carpet Tile .....	60.52	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.83	
	For >400 To 600, Deduct	-1.24	
	For >600 To 900, Deduct	-2.35	
	For >900 To 1,500, Deduct	-3.47	
	For >1,500 To 2,200, Deduct	-5.09	
	For >2,200 To 3,500, Deduct	-6.60	
	For >3,500, Deduct	-8.12	
	For Cushion Backed Tile, Add	6.00	
09 68 13 00-0028	SY 36 Ounce, Patterned, Nylon Carpet Tile .....	61.94	7.14
	For Up To 15, Add	3.85	
	For >15 To 33, Add	1.93	
	For >200 To 400, Deduct	-0.85	
	For >400 To 600, Deduct	-1.28	
	For >600 To 900, Deduct	-2.42	
	For >900 To 1,500, Deduct	-3.57	
	For >1,500 To 2,200, Deduct	-5.23	
	For >2,200 To 3,500, Deduct	-6.78	
	For >3,500, Deduct	-8.33	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Cushion Backed Tile, Add	6.00	



	<b>Finishes</b>	<b>09</b>	
	Flooring	09 60	09
	Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0029	SY		38 Ounce, Patterned, Nylon Carpet Tile .....	64.77	7.14
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.93	
			For >200 To 400, Deduct	-0.91	
			For >400 To 600, Deduct	-1.37	
			For >600 To 900, Deduct	-2.56	
			For >900 To 1,500, Deduct	-3.76	
			For >1,500 To 2,200, Deduct	-5.51	
			For >2,200 To 3,500, Deduct	-7.13	
			For >3,500, Deduct	-8.75	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0030	SY		40 Ounce, Patterned, Nylon Carpet Tile .....	67.80	7.14
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.93	
			For >200 To 400, Deduct	-0.97	
			For >400 To 600, Deduct	-1.46	
			For >600 To 900, Deduct	-2.72	
			For >900 To 1,500, Deduct	-3.98	
			For >1,500 To 2,200, Deduct	-5.82	
			For >2,200 To 3,500, Deduct	-7.51	
			For >3,500, Deduct	-9.21	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0031	SY		42 Ounce, Patterned, Nylon Carpet Tile .....	73.62	7.14
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.93	
			For >200 To 400, Deduct	-1.09	
			For >400 To 600, Deduct	-1.63	
			For >600 To 900, Deduct	-3.01	
			For >900 To 1,500, Deduct	-4.38	
			For >1,500 To 2,200, Deduct	-6.40	
			For >2,200 To 3,500, Deduct	-8.24	
			For >3,500, Deduct	-10.08	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0032	SY		Installation Of Owner Provided Patterned Carpet Tiles .....	19.71	
<b>09 68 13 00-0033</b>			<b>ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series)</b> <small>(09 68 13 00-0001)</small>		
			Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0034	SY		24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series) .....	96.61	7.14
			For Up To 15, Add	3.85	
			For >15 To 33, Add	1.93	
			For >200 To 400, Deduct	-1.55	
			For >400 To 600, Deduct	-2.32	
			For >600 To 900, Deduct	-4.16	
			For >900 To 1,500, Deduct	-5.99	
			For >1,500 To 2,200, Deduct	-8.70	
			For >2,200 To 3,500, Deduct	-11.11	
			For >3,500, Deduct	-13.53	
<b>09 68 16</b>			<b>Sheet Carpeting</b> <small>(09 68)</small>		
			Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001			Carpet Cushion <small>(09 68 16)</small>		
09 68 16 00-0002			Carpet Padding <small>(09 68 16 00-0001)</small>		
09 68 16 00-0003			Prime Polyurethane Foam Carpet Padding <small>(09 68 16 00-0002)</small>		
09 68 16 00-0004	SY		7/16" Thick, Prime Polyurethane Foam Carpet Padding .....	18.00	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.26	
			For >400 To 600, Deduct	-0.39	
			For >600 To 900, Deduct	-0.72	
			For >900 To 1,500, Deduct	-1.06	
			For >1,500 To 2,200, Deduct	-1.55	
			For >2,200 To 3,500, Deduct	-2.00	
			For >3,500, Deduct	-2.45	
09 68 16 00-0005	SY		1/2" Thick, Prime Polyurethane Foam Carpet Padding .....	18.76	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.27	
			For >400 To 600, Deduct	-0.41	
			For >600 To 900, Deduct	-0.76	
			For >900 To 1,500, Deduct	-1.11	
			For >1,500 To 2,200, Deduct	-1.62	
			For >2,200 To 3,500, Deduct	-2.09	
			For >3,500, Deduct	-2.56	

<b>09</b>	<b>09 Finishes</b>
	<b>09 60 Flooring</b>
	<b>09 68 Carpeting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 68 16 00-0006 Bonded (Rebond) Polyurethane Foam Carpet Padding</b> <small>(09 68 16 00-0002)</small>		
09 68 16 00-0007 SY 1/4" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.39	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.39	
For >900 To 1,500, Deduct	-0.59	
For >1,500 To 2,200, Deduct	-0.89	
For >2,200 To 3,500, Deduct	-1.17	
For >3,500, Deduct	-1.45	
09 68 16 00-0008 SY 5/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.92	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.14	
For >400 To 600, Deduct	-0.21	
For >600 To 900, Deduct	-0.42	
For >900 To 1,500, Deduct	-0.63	
For >1,500 To 2,200, Deduct	-0.94	
For >2,200 To 3,500, Deduct	-1.24	
For >3,500, Deduct	-1.53	
09 68 16 00-0009 SY 3/8" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	9.46	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.09	
For >400 To 600, Deduct	-0.13	
For >600 To 900, Deduct	-0.30	
For >900 To 1,500, Deduct	-0.46	
For >1,500 To 2,200, Deduct	-0.69	
For >2,200 To 3,500, Deduct	-0.93	
For >3,500, Deduct	-1.17	
09 68 16 00-0010 SY 3/8" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.57	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.40	
For >900 To 1,500, Deduct	-0.61	
For >1,500 To 2,200, Deduct	-0.90	
For >2,200 To 3,500, Deduct	-1.19	
For >3,500, Deduct	-1.48	
09 68 16 00-0011 SY 7/16" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.57	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.40	
For >900 To 1,500, Deduct	-0.61	
For >1,500 To 2,200, Deduct	-0.90	
For >2,200 To 3,500, Deduct	-1.19	
For >3,500, Deduct	-1.48	
09 68 16 00-0012 SY 7/16" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.57	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.40	
For >900 To 1,500, Deduct	-0.61	
For >1,500 To 2,200, Deduct	-0.90	
For >2,200 To 3,500, Deduct	-1.19	
For >3,500, Deduct	-1.48	
09 68 16 00-0013 SY 7/16" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	12.82	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.15	
For >400 To 600, Deduct	-0.23	
For >600 To 900, Deduct	-0.46	
For >900 To 1,500, Deduct	-0.69	
For >1,500 To 2,200, Deduct	-1.03	
For >2,200 To 3,500, Deduct	-1.35	
For >3,500, Deduct	-1.67	
09 68 16 00-0014 SY 1/2" Thick, 5.5 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.45	3.35
For Up To 15, Add	1.02	
For >15 To 33, Add	0.51	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.39	
For >900 To 1,500, Deduct	-0.60	
For >1,500 To 2,200, Deduct	-0.89	
For >2,200 To 3,500, Deduct	-1.18	
For >3,500, Deduct	-1.46	



	<b>Finishes</b>	<b>09</b>	
	Flooring	09 60	09
	Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0015	SY		1/2" Thick, 6 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	11.86	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.14	
			For >400 To 600, Deduct	-0.20	
			For >600 To 900, Deduct	-0.42	
			For >900 To 1,500, Deduct	-0.63	
			For >1,500 To 2,200, Deduct	-0.93	
			For >2,200 To 3,500, Deduct	-1.23	
			For >3,500, Deduct	-1.53	
09 68 16 00-0016	SY		1/2" Thick, 8 Lb./CF, Bonded (Rebond) Polyurethane Foam Carpet Padding .....	13.34	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.17	
			For >400 To 600, Deduct	-0.25	
			For >600 To 900, Deduct	-0.49	
			For >900 To 1,500, Deduct	-0.73	
			For >1,500 To 2,200, Deduct	-1.08	
			For >2,200 To 3,500, Deduct	-1.41	
			For >3,500, Deduct	-1.75	
<b>09 68 16 00-0017</b>			<b>Froth Polyurethane Foam Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0018	SY		0.175" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding .....	19.15	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.28	
			For >400 To 600, Deduct	-0.42	
			For >600 To 900, Deduct	-0.78	
			For >900 To 1,500, Deduct	-1.14	
			For >1,500 To 2,200, Deduct	-1.66	
			For >2,200 To 3,500, Deduct	-2.14	
			For >3,500, Deduct	-2.62	
09 68 16 00-0019	SY		0.250" Thick, 12 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding .....	21.33	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.33	
			For >400 To 600, Deduct	-0.49	
			For >600 To 900, Deduct	-0.89	
			For >900 To 1,500, Deduct	-1.29	
			For >1,500 To 2,200, Deduct	-1.88	
			For >2,200 To 3,500, Deduct	-2.41	
			For >3,500, Deduct	-2.95	
09 68 16 00-0020	SY		0.250" Thick, 16 Lb./CF, Froth Polyurethane Foam Rubber Carpet Padding .....	23.01	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.36	
			For >400 To 600, Deduct	-0.54	
			For >600 To 900, Deduct	-0.97	
			For >900 To 1,500, Deduct	-1.41	
			For >1,500 To 2,200, Deduct	-2.05	
			For >2,200 To 3,500, Deduct	-2.62	
			For >3,500, Deduct	-3.20	
<b>09 68 16 00-0021</b>			<b>Waffle Rubber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0022	SY		3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding .....	21.92	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.34	
			For >400 To 600, Deduct	-0.51	
			For >600 To 900, Deduct	-0.92	
			For >900 To 1,500, Deduct	-1.33	
			For >1,500 To 2,200, Deduct	-1.94	
			For >2,200 To 3,500, Deduct	-2.49	
			For >3,500, Deduct	-3.03	
<b>09 68 16 00-0023</b>			<b>Flat Sponge Rubber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0024	SY		0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding .....	13.46	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.17	
			For >400 To 600, Deduct	-0.25	
			For >600 To 900, Deduct	-0.50	
			For >900 To 1,500, Deduct	-0.74	
			For >1,500 To 2,200, Deduct	-1.09	
			For >2,200 To 3,500, Deduct	-1.43	
			For >3,500, Deduct	-1.77	

## 09 Finishes

09 60 Flooring

09 68 Carpeting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0025	SY		0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding.....	14.36	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.19	
			For >400 To 600, Deduct	-0.28	
			For >600 To 900, Deduct	-0.54	
			For >900 To 1,500, Deduct	-0.80	
			For >1,500 To 2,200, Deduct	-1.18	
			For >2,200 To 3,500, Deduct	-1.54	
			For >3,500, Deduct	-1.90	
09 68 16 00-0026	SY		0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding.....	15.02	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.20	
			For >400 To 600, Deduct	-0.30	
			For >600 To 900, Deduct	-0.57	
			For >900 To 1,500, Deduct	-0.85	
			For >1,500 To 2,200, Deduct	-1.25	
			For >2,200 To 3,500, Deduct	-1.62	
			For >3,500, Deduct	-2.00	
09 68 16 00-0027	SY		0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	17.08	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.24	
			For >400 To 600, Deduct	-0.36	
			For >600 To 900, Deduct	-0.68	
			For >900 To 1,500, Deduct	-0.99	
			For >1,500 To 2,200, Deduct	-1.45	
			For >2,200 To 3,500, Deduct	-1.88	
			For >3,500, Deduct	-2.31	
09 68 16 00-0028	SY		0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	17.26	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.24	
			For >400 To 600, Deduct	-0.37	
			For >600 To 900, Deduct	-0.69	
			For >900 To 1,500, Deduct	-1.01	
			For >1,500 To 2,200, Deduct	-1.47	
			For >2,200 To 3,500, Deduct	-1.90	
			For >3,500, Deduct	-2.34	
09 68 16 00-0029			<b>Synthetic Fiber Carpet Padding</b> (09 68 16 00-0002)		
09 68 16 00-0030	SY		0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding.....	6.81	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.03	
			For >400 To 600, Deduct	-0.05	
			For >600 To 900, Deduct	-0.16	
			For >900 To 1,500, Deduct	-0.27	
			For >1,500 To 2,200, Deduct	-0.43	
			For >2,200 To 3,500, Deduct	-0.60	
			For >3,500, Deduct	-0.77	
09 68 16 00-0031	SY		0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding.....	8.18	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.06	
			For >400 To 600, Deduct	-0.09	
			For >600 To 900, Deduct	-0.23	
			For >900 To 1,500, Deduct	-0.37	
			For >1,500 To 2,200, Deduct	-0.56	
			For >2,200 To 3,500, Deduct	-0.77	
			For >3,500, Deduct	-0.97	
09 68 16 00-0032	SY		0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding.....	7.55	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.05	
			For >400 To 600, Deduct	-0.07	
			For >600 To 900, Deduct	-0.20	
			For >900 To 1,500, Deduct	-0.33	
			For >1,500 To 2,200, Deduct	-0.50	
			For >2,200 To 3,500, Deduct	-0.69	
			For >3,500, Deduct	-0.88	
09 68 16 00-0033	SY		0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding.....	7.79	3.35
			For Up To 15, Add	1.02	
			For >15 To 33, Add	0.51	
			For >200 To 400, Deduct	-0.05	
			For >400 To 600, Deduct	-0.08	
			For >600 To 900, Deduct	-0.21	
			For >900 To 1,500, Deduct	-0.34	
			For >1,500 To 2,200, Deduct	-0.53	
			For >2,200 To 3,500, Deduct	-0.72	
			For >3,500, Deduct	-0.91	



	<b>Finishes</b>	<b>09</b>
	Flooring	09 60
	Carpeting	09 68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0034	SY		0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding.....	9.19	3.35
			<i>For Up To 15, Add</i>	1.02	
			<i>For &gt;15 To 33, Add</i>	0.51	
			<i>For &gt;200 To 400, Deduct</i>	-0.08	
			<i>For &gt;400 To 600, Deduct</i>	-0.12	
			<i>For &gt;600 To 900, Deduct</i>	-0.28	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.44	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.67	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-0.89	
			<i>For &gt;3,500, Deduct</i>	-1.12	
<b>09 68 16 00-0035</b>			<b>Double Stick Synthetic Fiber Carpet Padding (09 68 16 00-0002)</b>		
09 68 16 00-0036	SY		0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding .....	9.62	3.35
			<i>For Up To 15, Add</i>	1.02	
			<i>For &gt;15 To 33, Add</i>	0.51	
			<i>For &gt;200 To 400, Deduct</i>	-0.09	
			<i>For &gt;400 To 600, Deduct</i>	-0.14	
			<i>For &gt;600 To 900, Deduct</i>	-0.30	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.47	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.71	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-0.95	
			<i>For &gt;3,500, Deduct</i>	-1.19	
09 68 16 00-0037	SY		0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding .....	10.71	3.35
			<i>For Up To 15, Add</i>	1.02	
			<i>For &gt;15 To 33, Add</i>	0.51	
			<i>For &gt;200 To 400, Deduct</i>	-0.11	
			<i>For &gt;400 To 600, Deduct</i>	-0.17	
			<i>For &gt;600 To 900, Deduct</i>	-0.36	
			<i>For &gt;900 To 1,500, Deduct</i>	-0.55	
			<i>For &gt;1,500 To 2,200, Deduct</i>	-0.82	
			<i>For &gt;2,200 To 3,500, Deduct</i>	-1.08	
			<i>For &gt;3,500, Deduct</i>	-1.35	
<b>09 68 16 00-0038</b>			<b>Residential Broadloom Carpet (09 68 16)</b>		
			Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.		
09 68 16 00-0039	SY		25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet .....	42.99	8.94
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.84	
			<i>For Up To 15, Add</i>	4.59	
			<i>For &gt;15 To 33, Add</i>	2.29	
			<i>For &gt;200 To 400, Deduct</i>	-0.40	
			<i>For &gt;400 To 600, Deduct</i>	-0.60	
			<i>For &gt;600 To 900, Deduct</i>	-1.35	
			<i>For &gt;900, Deduct</i>	-2.09	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0040	SY		30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	47.71	8.94
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.84	
			<i>For Up To 15, Add</i>	4.59	
			<i>For &gt;15 To 33, Add</i>	2.29	
			<i>For &gt;200 To 400, Deduct</i>	-0.50	
			<i>For &gt;400 To 600, Deduct</i>	-0.74	
			<i>For &gt;600 To 900, Deduct</i>	-1.58	
			<i>For &gt;900, Deduct</i>	-2.42	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0041	SY		32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	54.20	8.94
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.84	
			<i>For Up To 15, Add</i>	4.59	
			<i>For &gt;15 To 33, Add</i>	2.29	
			<i>For &gt;200 To 400, Deduct</i>	-0.63	
			<i>For &gt;400 To 600, Deduct</i>	-0.94	
			<i>For &gt;600 To 900, Deduct</i>	-1.91	
			<i>For &gt;900, Deduct</i>	-2.88	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0042	SY		34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	60.98	8.94
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.84	
			<i>For Up To 15, Add</i>	4.59	
			<i>For &gt;15 To 33, Add</i>	2.29	
			<i>For &gt;200 To 400, Deduct</i>	-0.76	
			<i>For &gt;400 To 600, Deduct</i>	-1.14	
			<i>For &gt;600 To 900, Deduct</i>	-2.25	
			<i>For &gt;900, Deduct</i>	-3.35	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0043	SY		40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	62.16	8.94
			<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	3.84	
			<i>For Up To 15, Add</i>	4.59	
			<i>For &gt;15 To 33, Add</i>	2.29	
			<i>For &gt;200 To 400, Deduct</i>	-0.78	
			<i>For &gt;400 To 600, Deduct</i>	-1.18	
			<i>For &gt;600 To 900, Deduct</i>	-2.31	
			<i>For &gt;900, Deduct</i>	-3.43	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	



**09 Finishes**

**09 60 Flooring**

**09 68 Carpeting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 68 16 00-0044	SY 45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	64.33	9.84
	<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	4.07	
	<i>For Up To 15, Add</i>	4.90	
	<i>For &gt;15 To 33, Add</i>	2.45	
	<i>For &gt;200 To 400, Deduct</i>	-0.80	
	<i>For &gt;400 To 600, Deduct</i>	-1.20	
	<i>For &gt;600 To 900, Deduct</i>	-2.36	
	<i>For &gt;900, Deduct</i>	-3.52	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0045	SY 48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	66.35	9.84
	<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	4.07	
	<i>For Up To 15, Add</i>	4.90	
	<i>For &gt;15 To 33, Add</i>	2.45	
	<i>For &gt;200 To 400, Deduct</i>	-0.84	
	<i>For &gt;400 To 600, Deduct</i>	-1.26	
	<i>For &gt;600 To 900, Deduct</i>	-2.46	
	<i>For &gt;900, Deduct</i>	-3.67	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0046	SY 50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	71.36	9.84
	<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	4.07	
	<i>For Up To 15, Add</i>	4.90	
	<i>For &gt;15 To 33, Add</i>	2.45	
	<i>For &gt;200 To 400, Deduct</i>	-0.94	
	<i>For &gt;400 To 600, Deduct</i>	-1.41	
	<i>For &gt;600 To 900, Deduct</i>	-2.71	
	<i>For &gt;900, Deduct</i>	-4.02	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0047	SY 60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	71.95	9.84
	<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	4.07	
	<i>For Up To 15, Add</i>	4.90	
	<i>For &gt;15 To 33, Add</i>	2.45	
	<i>For &gt;200 To 400, Deduct</i>	-0.95	
	<i>For &gt;400 To 600, Deduct</i>	-1.42	
	<i>For &gt;600 To 900, Deduct</i>	-2.74	
	<i>For &gt;900, Deduct</i>	-4.06	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0048	SY 65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	74.31	9.84
	<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>	4.07	
	<i>For Up To 15, Add</i>	4.90	
	<i>For &gt;15 To 33, Add</i>	2.45	
	<i>For &gt;200 To 400, Deduct</i>	-1.00	
	<i>For &gt;400 To 600, Deduct</i>	-1.49	
	<i>For &gt;600 To 900, Deduct</i>	-2.86	
	<i>For &gt;900, Deduct</i>	-4.22	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0049	<b>Commercial Broadloom Carpet</b> <small>(09 68 16)</small>		
	Note: Level-loop pile or textured-loop pile broadloom carpet.		
09 68 16 00-0050	<b>Non-Patterned Broadloom Carpet</b> <small>(09 68 16 00-0049)</small>		
09 68 16 00-0051	SY 22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	53.40	29.33
	<i>For Up To 15, Add</i>	3.91	
	<i>For &gt;15 To 33, Add</i>	1.96	
	<i>For &gt;200 To 400, Deduct</i>	-0.68	
	<i>For &gt;400 To 600, Deduct</i>	-1.02	
	<i>For &gt;600 To 900, Deduct</i>	-1.99	
	<i>For &gt;900, Deduct</i>	-2.96	
	<i>For Moisture Barrier Backing, Add</i>	3.50	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0052	SY 24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	53.40	29.33
	<i>For Up To 15, Add</i>	3.91	
	<i>For &gt;15 To 33, Add</i>	1.96	
	<i>For &gt;200 To 400, Deduct</i>	-0.68	
	<i>For &gt;400 To 600, Deduct</i>	-1.02	
	<i>For &gt;600 To 900, Deduct</i>	-1.99	
	<i>For &gt;900, Deduct</i>	-2.96	
	<i>For Moisture Barrier Backing, Add</i>	3.50	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0053	SY 26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	53.40	29.33
	<i>For Up To 15, Add</i>	3.91	
	<i>For &gt;15 To 33, Add</i>	1.96	
	<i>For &gt;200 To 400, Deduct</i>	-0.68	
	<i>For &gt;400 To 600, Deduct</i>	-1.02	
	<i>For &gt;600 To 900, Deduct</i>	-1.99	
	<i>For &gt;900, Deduct</i>	-2.96	
	<i>For Moisture Barrier Backing, Add</i>	3.50	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0054	SY 28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	57.89	31.78
	<i>For Up To 15, Add</i>	4.24	
	<i>For &gt;15 To 33, Add</i>	2.12	
	<i>For &gt;200 To 400, Deduct</i>	-0.73	
	<i>For &gt;400 To 600, Deduct</i>	-1.10	
	<i>For &gt;600 To 900, Deduct</i>	-2.15	
	<i>For &gt;900, Deduct</i>	-3.21	
	<i>For Moisture Barrier Backing, Add</i>	3.50	
	<i>For Installation On Stairs, Each Riser, Add</i>	6.00	



	<b>Finishes</b>	<b>09</b>	
	Flooring	09 60	09
	Carpeting	09 68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0055	SY		30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	58.92	31.78
			For Up To 15, Add	4.24	
			For >15 To 33, Add	2.12	
			For >200 To 400, Deduct	-0.75	
			For >400 To 600, Deduct	-1.13	
			For >600 To 900, Deduct	-2.20	
			For >900, Deduct	-3.28	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0056	SY		32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	59.11	31.78
			For Up To 15, Add	4.24	
			For >15 To 33, Add	2.12	
			For >200 To 400, Deduct	-0.76	
			For >400 To 600, Deduct	-1.14	
			For >600 To 900, Deduct	-2.21	
			For >900, Deduct	-3.29	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0057	SY		34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet .....	64.86	34.21
			For Up To 15, Add	4.56	
			For >15 To 33, Add	2.28	
			For >200 To 400, Deduct	-0.84	
			For >400 To 600, Deduct	-1.26	
			For >600 To 900, Deduct	-2.44	
			For >900, Deduct	-3.63	
			For Cut Pile Carpet, Add	1.50	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0058	SY		36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet .....	65.61	34.21
			For Up To 15, Add	4.56	
			For >15 To 33, Add	2.28	
			For >200 To 400, Deduct	-0.86	
			For >400 To 600, Deduct	-1.28	
			For >600 To 900, Deduct	-2.48	
			For >900, Deduct	-3.68	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0059	SY		38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet .....	66.52	34.21
			For Up To 15, Add	4.56	
			For >15 To 33, Add	2.28	
			For >200 To 400, Deduct	-0.87	
			For >400 To 600, Deduct	-1.31	
			For >600 To 900, Deduct	-2.53	
			For >900, Deduct	-3.74	
			For Cut Pile Carpet, Add	1.50	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
<b>09 68 16 00-0060</b>			<b>Patterned Broadloom Carpet</b> <small>(09 68 16 00-0049)</small>		
			Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0061	SY		22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	55.87	29.33
			For Up To 15, Add	4.30	
			For >15 To 33, Add	2.15	
			For >200 To 400, Deduct	-0.69	
			For >400 To 600, Deduct	-1.03	
			For >600 To 900, Deduct	-2.04	
			For >900, Deduct	-3.05	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0062	SY		24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	55.87	29.33
			For Up To 15, Add	4.30	
			For >15 To 33, Add	2.15	
			For >200 To 400, Deduct	-0.69	
			For >400 To 600, Deduct	-1.03	
			For >600 To 900, Deduct	-2.04	
			For >900, Deduct	-3.05	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0063	SY		26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet .....	55.87	29.33
			For Up To 15, Add	4.30	
			For >15 To 33, Add	2.15	
			For >200 To 400, Deduct	-0.69	
			For >400 To 600, Deduct	-1.03	
			For >600 To 900, Deduct	-2.04	
			For >900, Deduct	-3.05	
			For Moisture Barrier Backing, Add	3.50	
			For Installation On Stairs, Each Riser, Add	6.00	

**09 Finishes****09 60 Flooring****09 68 Carpeting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 68 16 00-0064	SY 28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	60.56	31.78
	For Up To 15, Add	4.66	
	For >15 To 33, Add	2.33	
	For >200 To 400, Deduct	-0.75	
	For >400 To 600, Deduct	-1.12	
	For >600 To 900, Deduct	-2.21	
	For >900, Deduct	-3.31	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0065	SY 30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	61.61	31.78
	For Up To 15, Add	4.66	
	For >15 To 33, Add	2.33	
	For >200 To 400, Deduct	-0.77	
	For >400 To 600, Deduct	-1.15	
	For >600 To 900, Deduct	-2.27	
	For >900, Deduct	-3.38	
	For Cut Pile Carpet, Add	1.50	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0066	SY 32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	61.80	31.78
	For Up To 15, Add	4.66	
	For >15 To 33, Add	2.33	
	For >200 To 400, Deduct	-0.77	
	For >400 To 600, Deduct	-1.16	
	For >600 To 900, Deduct	-2.27	
	For >900, Deduct	-3.39	
	For Cut Pile Carpet, Add	1.50	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0067	SY 34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	67.78	34.21
	For Up To 15, Add	5.02	
	For >15 To 33, Add	2.51	
	For >200 To 400, Deduct	-0.85	
	For >400 To 600, Deduct	-1.28	
	For >600 To 900, Deduct	-2.51	
	For >900, Deduct	-3.74	
	For Cut Pile Carpet, Add	1.50	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0068	SY 36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	68.54	34.21
	For Up To 15, Add	5.02	
	For >15 To 33, Add	2.51	
	For >200 To 400, Deduct	-0.87	
	For >400 To 600, Deduct	-1.30	
	For >600 To 900, Deduct	-2.55	
	For >900, Deduct	-3.79	
	For Cut Pile Carpet, Add	1.50	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0069	SY 38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	69.47	34.21
	For Up To 15, Add	5.02	
	For >15 To 33, Add	2.51	
	For >200 To 400, Deduct	-0.89	
	For >400 To 600, Deduct	-1.33	
	For >600 To 900, Deduct	-2.60	
	For >900, Deduct	-3.86	
	For Cut Pile Carpet, Add	1.50	
	For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
	For Moisture Barrier Backing, Add	3.50	
	For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0070	Indoor/Outdoor Carpet <sup>(09 68 16)</sup> Note: Includes waterproof glue.		
09 68 16 00-0071	SY Nylon Indoor/Outdoor Carpet.....	57.58	6.71
09 68 16 00-0072	SY Ozite Indoor/Outdoor Carpet.....	44.36	6.71
09 68 16 00-0073	Carpet Accessories <sup>(09 68 16)</sup>		
09 68 16 00-0074	LF Metal Carpet Saddle Strip, Up To 4" Wide.....	8.20	1.05
09 68 16 00-0075	Removal And Reinstallation Of Carpet And Pad <sup>(09 68 16)</sup> Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0076	SY Removal And Reinstallation Of Carpet And Pad.....	41.27	
09 68 16 00-0077	Carpeting Support Functions <sup>(09 68 16)</sup>		
09 68 16 00-0078	Relocate Partitions, Modular Workstations <sup>(09 68 16 00-0077)</sup> Note: Includes disassembly and reassembly of workstation. Excludes electrical disconnection or reconnection.		
09 68 16 00-0079	EA Relocate Modular Workstation.....	370.16	



		<b>Finishes</b>	<b>09</b>
		Flooring	09 60
		Carpeting	09 68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

<b>09 68 16 00-0080</b>			<b>Installation Of Owner Provided Broadloom Carpet</b> (09 68 16)		
09 68 16 00-0081	SY		Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet.....	17.42	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			For Up To 15, Add	3.40	
			For >15 To 33, Add	1.70	
09 68 16 00-0082	SY		>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet .....	20.25	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			For Up To 15, Add	3.97	
			For >15 To 33, Add	1.98	
09 68 16 00-0083	SY		>34 Oz, Installation Of Owner Provided Broadloom Carpet.....	24.22	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			For Up To 15, Add	4.76	
			For >15 To 33, Add	2.38	

**09 69 Access Flooring** (09 60)

**09 69 13 Rigid-Grid Access Flooring** (09 69)

**09 69 13 00-0001 Panels, No Covering** (09 69 13)

09 69 13 00-0002	SF		2' x 2' Panels - No Covering Access And Pedestal Floors.....	21.94	1.05
			For Carpet Covering, Add	2.77	
			For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0003	SF		2' x 2' Perforated Panels Access And Pedestal Floors .....	41.81	1.05
			For Carpet Covering, Add	2.77	
			For Vinyl Floor Covering, Add	1.91	
09 69 13 00-0004	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	38.91	1.16
09 69 13 00-0005	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	38.91	1.16
09 69 13 00-0006	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Moondance 6808.....	38.91	1.16
09 69 13 00-0007	SF		Tate 1250AS Panel Cover UTP Designer Plus Color Mosaic 6280.....	38.91	1.16
09 69 13 00-0008	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST2-2 Beige Star/Brown Trim.....	36.76	1.16
09 69 13 00-0009	SF		Tate 1250AS Panel Cover HPL 1/8" Nevamar ST6-1 Gray Star/Black Trim.....	36.76	1.16
09 69 13 00-0010	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Raf Blue 7153T.....	41.60	1.16
09 69 13 00-0011	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Sage Brown 7777T.....	41.60	1.16
09 69 13 00-0012	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Moondance 6808.....	41.60	1.16
09 69 13 00-0013	SF		Tate Concore 1500 Panel Cover UTP Designer Plus Color Mosaic 6280.....	41.60	1.16
09 69 13 00-0014	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST-2 Beige Star/Brown Trim.....	39.45	1.16
09 69 13 00-0015	SF		Tate Concore 1500 Panel Cover HPL 1/8" Nevamar ST6-1 Grey Star/Black Trim.....	39.45	1.16
09 69 13 00-0016	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST2-2 Beige Star Trim.....	50.14	1.16
09 69 13 00-0017	SF		Tate 1250AS Perforated 25% O/A Cover 1/8 " Nevamar HPL ST6-1 Gray Star Trim.....	50.14	1.16

**09 69 13 00-0018 Pedestals** (09 69 13)

09 69 13 00-0019	EA		6" To 12" Finished Floor Height, Pedestal Assembly.....	45.41	5.29
09 69 13 00-0020	EA		8" To 12" Finished Floor Height, Pedestal Assembly.....	48.10	5.29
09 69 13 00-0021	EA		18" To 24" Finished Floor Height, Pedestal Assembly.....	49.44	5.29
09 69 13 00-0022	EA		30" To 36" Finished Floor Height, Pedestal Assembly.....	54.31	5.29

**09 69 13 00-0023 Stringers** (09 69 13)

09 69 13 00-0024	EA		2' Bolted Stringers, Access And Pedestal Floors.....	22.34	6.35
09 69 13 00-0025	EA		4' Bolted Stringers, Access And Pedestal Floors.....	39.42	9.52
09 69 13 00-0026	EA		6' Bolted Stringers, Access And Pedestal Floors.....	62.02	15.87

**09 69 13 00-0027 Understructure** (09 69 13)

09 69 13 00-0028	SF		Standard Bolted Stringer Understructure 8" Or 12" Finished Floor Height .....	7.83	1.58
09 69 13 00-0029	SF		Standard Bolted Stringer Understructure 18" Or 24" Finished Floor Height .....	8.46	1.58
09 69 13 00-0030	SF		Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height .....	10.04	1.58

**09 69 13 00-0031 Nexus (TM) Floor System Complete** (09 69 13)

09 69 13 00-0032	SF		1,161 To 3,480 SF, Nexus Floor System.....	24.90	3.81
			For Furnishing Materials To Owner, No Installation, Deduct	-8.31	
09 69 13 00-0033	SF		>3,480 To 7,500 SF, Nexus Floor System.....	24.44	3.81
			For Furnishing Materials To Owner, No Installation, Deduct	-8.31	
09 69 13 00-0034	SF		>7,500 To 15,000 SF, Nexus Floor System.....	22.07	3.07
			For Furnishing Materials To Owner, No Installation, Deduct	-6.65	
09 69 13 00-0035	SF		>15,000 To 25,000 SF, Nexus Floor System.....	19.78	2.22
			For Furnishing Materials To Owner, No Installation, Deduct	-4.97	
09 69 13 00-0036	SF		>25,000 SF, Nexus Floor System.....	18.95	1.91
			For Furnishing Materials To Owner, No Installation, Deduct	-4.14	

**09 69 53 Access Flooring Accessories** (09 69)

**09 69 53 00-0001 Accessories** (09 69 53)

09 69 53 00-0002	SF		Accessories, Ramp Assembly Access And Pedestal Floors.....	48.75	4.23
09 69 53 00-0003	LF		Accessories, Handrail Access And Pedestal Floors .....	78.55	7.40
09 69 53 00-0004	LF		Accessories, Fascia Plate Access And Pedestal Floors .....	30.27	7.40
09 69 53 00-0005	EA		Machine Cutouts.....	245.07	

**09 Finishes****09 60 Flooring****09 69 Access Flooring**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0006 SF Tate Tamp, Cover Step Master Slip Retard- Tile, Buckskin Or Slate.....	81.77	
09 69 53 00-0007 LF Tate 2 Or 3 Riser Steps In Raised Floor System .....	197.75	0.53
Note: Includes baffles, fascia plates trim and cover.		
09 69 53 00-0008 LF Tate Handrail .....	155.80	3.49
09 69 53 00-0009 SF Hammered Aluminum Finish Fascia .....	55.90	3.49
Note: Includes trim angles and hardware (8", 12", 18", 24").		
09 69 53 00-0010 EA 7" x 17" Lexan Floor Mounted Grille .....	254.29	13.22
Note: Includes carpet trim to flush mount.		
09 69 53 00-0011 EA Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material .....	54.29	
09 69 53 00-0012 EA Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	54.29	
09 69 53 00-0013 EA Rehab Panel (Any Brand, Weight) Carpet Cover Only - New UTP Carpet.....	75.60	2.12
09 69 53 00-0014 EA Rehab Panel (Any Brand, Weight) Carpet Cover Only - New HPL .....	93.05	2.12
09 69 53 00-0015 EA Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL/WA Edge Trim .....	70.76	2.12
09 69 53 00-0016 EA Rehab Panel (Any Brand, Weight) HPL Cover Only - With New HPL Top set Trim Edge .....	93.03	2.12
09 69 53 00-0017 EA Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4 .....	251.05	13.22
09 69 53 00-0018 EA Flush Mounted Telephone Box (Grey/Black/Communications).....	174.25	13.22
Note: Includes cut hole.		
09 69 53 00-0019 EA Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4 .....	251.05	13.22
09 69 53 00-0020 EA Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2 .....	131.95	2.12
09 69 53 00-0021 EA Removal And Reinstallation Of Flush Mounted Electrical, Telephone Or Communications Floor Box In Raised Floor .....	10.57	

**09 69 53 00-0022 Final Cleaning For Computer Room Raised Floor System (09 69 53)**

Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0023 SF Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor.....	3.76	
09 69 53 00-0024 SF Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	3.92	
09 69 53 00-0025 SF Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	3.87	

**09 70 Wall Finishes (09)****09 72 Wall Coverings (09 70)****09 72 13 Cork Wall Coverings (09 72)****09 72 13 00-0001 Cork Wall Covering (09 72 13)**

09 72 13 00-0002 SF 1/8" Cork Wall Covering.....	5.59	1.05
09 72 13 00-0003 SF 1/4" Cork Wall Covering.....	6.59	1.05
09 72 13 00-0004 SF 1/2" Cork Wall Covering.....	7.39	1.05
09 72 13 00-0005 SF 3/4" Cork Wall Covering.....	9.73	1.05

**09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)****09 72 16 13 Flexible Vinyl Wall Coverings (09 72 16)****09 72 16 13-0001 Vinyl Wall Coverings (09 72 16 13)**

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002 SF 7-10 Oz/SY Vinyl Wall Covering .....	3.64	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-2.00	
09 72 16 13-0003 SF 11-14 Oz/SY Vinyl Wall Covering .....	4.67	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-2.92	
09 72 16 13-0004 SF 15-19 Oz/SY Vinyl Wall Covering .....	5.41	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-3.66	
09 72 16 13-0005 SF 20 To 25 Ounces/SY Vinyl Wall Covering.....	6.41	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-4.21	
09 72 16 13-0006 SF 26-32 Oz/SY Vinyl Wall Covering .....	7.41	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-5.12	
09 72 16 13-0007 SF 33-38 Oz/SY Vinyl Wall Covering .....	8.88	1.05
<i>For Owner Furnished Material, Deduct</i>		
	-6.48	

**09 72 23 Wallpapering (09 72)****09 72 23 00-0001 Wallpaper Coverings (09 72 23)**

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002 SF Average Quality Wallpaper (Standard Grade) .....	2.20	1.39
09 72 23 00-0003 SF High Quality Wallpaper (Designer Grade).....	4.09	1.79
09 72 23 00-0004 SF Textured Paintable Paper Installed On Ceiling .....	3.87	2.64

**09 73 Wall Carpeting (09 70)****09 73 00 00-0001 Carpet Wall Covering (09 73)**

09 73 00 00-0002 SY 28 Ounce, Nylon Carpet Wall Covering .....	56.33	32.57
09 73 00 00-0003 SY 32 Ounce, Nylon Carpet Wall Covering .....	57.58	32.57
09 73 00 00-0004 SY 34 Ounce, Nylon Carpet Wall Covering .....	62.40	35.08
09 73 00 00-0005 SY 35 Ounce, Nylon Carpet Wall Covering .....	66.04	35.08
09 73 00 00-0006 SY 36 Ounce, Nylon Carpet Wall Covering .....	69.78	35.08
09 73 00 00-0007 SY 38 Ounce, Nylon Carpet Wall Covering .....	71.28	35.08



		<b>Finishes</b>	<b>09</b>
		Wall Finishes	09 70
		Wall Carpeting	09 73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

09 73 00 00-0008	SY		40 Ounce, Nylon Carpet Wall Covering.....	74.14	37.88
09 73 00 00-0009	SY		42 Ounce, Nylon Carpet Wall Covering.....	77.24	37.88

**09 74 Flexible Wood Sheets** (09 70)

**09 74 16 Flexible Wood Veneers** (09 74)

09 74 16 00-0001			Flexible Wood Veneer (09 74 16)		
09 74 16 00-0002	SF		1/32" Thick, Flexible Maple Wood Veneer.....	11.44	4.21
09 74 16 00-0003	SF		1/32" Thick, Flexible Oak Wood Veneer.....	11.63	4.21
09 74 16 00-0004	SF		1/32" Thick, Flexible Mahogany Wood Veneer.....	11.63	4.21
09 74 16 00-0005	SF		1/32" Thick, Flexible Birch Wood Veneer.....	11.82	4.21
09 74 16 00-0006	SF		1/32" Thick, Flexible Walnut Wood Veneer.....	12.77	4.21
09 74 16 00-0007	SF		1/32" Thick, Flexible Bamboo Wood Veneer.....	13.91	4.21
09 74 16 00-0008	SF		1/32" Thick, Flexible Fir Wood Veneer.....	15.23	4.21

09 74 16 00-0009			Flexible Exotic Wood Veneer (09 74 16)		
09 74 16 00-0010	SF		1/32" Thick, Flexible Exotic Wood Veneer.....	18.52	4.21

**09 80 Acoustic Treatment** (09)

**09 81 Acoustic Insulation** (09 80)

**09 81 16 Acoustic Blanket Insulation** (09 81)

09 81 16 00-0001			Sound Attenuation Fire Blankets (SAFB) (09 81 16)		
Note: Mineral wool					
09 81 16 00-0002			2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)		
09 81 16 00-0003	SF		1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.08	0.35
09 81 16 00-0004	SF		2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.24	0.35
09 81 16 00-0005	SF		2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.48	0.35
09 81 16 00-0006	SF		3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.66	0.35
09 81 16 00-0007	SF		3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.89	0.35
09 81 16 00-0008	SF		4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	3.11	0.35
09 81 16 00-0009	SF		5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	3.41	0.35
09 81 16 00-0010	SF		6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	3.75	0.35

09 81 16 00-0011			4 PCF Density, Sound Attenuation Fire Blankets (SAFB) (09 81 16 00-0001)		
09 81 16 00-0012	SF		1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB).....	2.04	0.35

09 81 16 00-0013			Sound Attenuation Batts (09 81 16)		
Note: NoiseReducer® by Certainteed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.					
09 81 16 00-0014	SF		2-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.17	0.47
09 81 16 00-0015	SF		3-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.24	0.47
09 81 16 00-0016	SF		3-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	1.45	0.47
09 81 16 00-0017	SF		5-1/2" Thick, Unfaced Sound Attenuation Batt.....	1.62	0.47
09 81 16 00-0018	SF		5-1/2" Thick, Kraft Faced Sound Attenuation Batt.....	1.67	0.47
09 81 16 00-0019	SF		6-1/4" Thick, Unfaced Sound Attenuation Batt.....	1.65	0.47
09 81 16 00-0020	SF		6-1/4" Thick, Kraft Faced Sound Attenuation Batt.....	1.72	0.47

**09 84 Acoustic Room Components** (09 80)

**09 84 13 Fixed Sound-Absorptive Panels** (09 84)

09 84 13 00-0001			Sound Absorbing Panels And Attenuation Blankets (09 84 13)		
Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system. See CSI section 09 22 13 00-0000 for furring, 09 53 23 00-0000 for suspended ceiling support.					
09 84 13 00-0002	SF		3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler.....	12.88	2.37
09 84 13 00-0003	SF		1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls.....	19.06	2.37

09 84 13 00-0004			Sound Absorbing Acoustical Wall Panel System (09 84 13)		
See CSI section 06 11 16 00-0190 for wood furring.					

09 84 13 00-0005			Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) (09 84 13 00-0004)		
Note: Includes tackable surface, molding and mounting hardware for flush mount.					
09 84 13 00-0006	SF		5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl).....	15.02	2.68
09 84 13 00-0007	SF		3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®).....	13.88	2.68
09 84 13 00-0008	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701).....	17.48	2.68
09 84 13 00-0009	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™).....	17.51	2.68



<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 80</b>	<b>Acoustic Treatment</b>
	<b>09 84</b>	<b>Acoustic Room Components</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 84 13 00-0010	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spinel™).....	19.33	2.68
09 84 13 00-0011	SF	3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™).....	19.33	2.68
<b>09 84 13 00-0012</b>		<b>Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) (09 84 13 00-0004)</b>		
		Note: Includes molding and mounting hardware for flush mount.		
09 84 13 00-0013	SF	1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®).....	17.53	2.68
09 84 13 00-0014	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701).....	20.50	2.68
09 84 13 00-0015	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™).....	20.50	2.68
09 84 13 00-0016	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™).....	23.47	2.68
09 84 13 00-0017	SF	1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™).....	23.47	2.68
<b>09 84 13 00-0018</b>		<b>Sound Absorbing Panel, Eggcrate Style (09 84 13)</b>		
		Note: Ceiling or wall hung back.		
09 84 13 00-0019	SF	2" Thick Polyurethane Sound Wave (Eggcrate Style).....	11.52	
		For Pyramid Style, Add	1.18	
09 84 13 00-0020	SF	3" Thick Polyurethane Sound Wave (Eggcrate Style).....	15.18	
		For Pyramid Style, Add	1.18	
09 84 13 00-0021	SF	4" Thick Polyurethane Sound Wave (Eggcrate Style).....	19.79	
		For Pyramid Style, Add	1.18	
09 84 13 00-0022	SF	2" Thick Melamine Sound Wave (Eggcrate Style).....	14.91	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	2.05	
		For Pyramid Style With Hypalon Coating, Add	4.02	
09 84 13 00-0023	SF	3" Thick Melamine Sound Wave (Eggcrate Style).....	28.32	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	0.42	
		For Pyramid Style With Hypalon Coating, Add	2.40	
09 84 13 00-0024	SF	4" Thick Melamine Sound Wave (Eggcrate Style).....	36.12	
		For Eggcrate Style With Hypalon Coating, Add	1.97	
		For Pyramid Style, Add	0.42	
		For Pyramid Style With Hypalon Coating, Add	2.40	
<b>09 84 13 00-0025</b>		<b>Acoustical Wall Panels (09 84 13)</b>		
09 84 13 00-0026	SF	24" Wide Kerfed Edge Acoustical Wall Panel With Concealed Spline.....	35.44	9.52
		For Wrapped Panel Ends, Add Per SF	1.31	
09 84 13 00-0027	SF	24" Wide Acoustical Wall Panels With Concealed Z-Clips.....	39.13	9.52
		Note: All edges fully wrapped, includes wall and panel z-clips (four sets per panel).		
09 84 13 00-0028	SF	48" Wide Acoustical Wall Panels With Concealed Z-Clips.....	45.75	12.49
		Note: All edges fully wrapped, includes wall and panel z-clips (four sets per panel).		
<b>09 84 13 00-0029</b>		<b>Sound Deadening Fiberboard (09 84 13)</b>		
09 84 13 00-0030	SF	1/2" Sound Deadening Fiberboard.....	1.60	0.59
		For Horizontal Installation Up To 10' High, Add	0.37	
		For Horizontal Installation >10' High, Add	0.54	
		For Walls >10' High, Add	0.09	
		For Up To 128, Add	0.54	
		For >128 To 320, Add	0.32	

**09 90 Painting and Coating (09)**

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required.

**09 91 Painting (09 90)**

**09 91 13 Exterior Painting (09 91)**

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001	Paint Exterior Walls/Siding (09 91 13)
09 91 13 00-0002	Paint Exterior Brick Walls (09 91 13 00-0001)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0003 SF 1 Coat Filler, Brush Work, Paint Exterior Brick Walls.....	1.36	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.76	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
09 91 13 00-0004 SF 1 Coat Paint, Brush Work, Paint Exterior Brick Walls .....	1.89	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.76	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.12	
For >100 To 250, Add	0.54	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.38	
09 91 13 00-0005 SF 2 Coats Paint, Brush Work, Paint Exterior Brick Walls .....	2.85	
For Oil Based Paint, Add	0.19	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.02	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.54	
For >100 To 250, Add	0.75	
For >250 To 500, Add	0.33	
For >2,500 To 5,000, Deduct	-0.14	
For >5,000 To 10,000, Deduct	-0.29	
For >10,000 To 20,000, Deduct	-0.43	
For >20,000, Deduct	-0.57	
09 91 13 00-0006 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls .....	0.99	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0007 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls.....	1.59	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.32	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0008	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls .....	2.44	
	For Oil Based Paint, Add	0.18	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.33	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.52	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.72	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.15	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.37	
	For >20,000, Deduct	-0.49	
09 91 13 00-0009	SF 1 Coat Filler, Sprayed, Paint Exterior Brick Walls .....	0.97	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.19	
09 91 13 00-0010	SF 1 Coat Paint, Sprayed, Paint Exterior Brick Walls .....	1.08	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.06	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.09	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.15	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.20	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.38	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.22	
09 91 13 00-0011	SF 2 Coats Paint, Sprayed, Paint Exterior Brick Walls .....	2.15	
	For Oil Based Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.24	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.38	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.52	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.89	
	For >100 To 250, Add	0.45	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.43	
09 91 13 00-0012	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls .....	0.31	
	For Oil Based Paint, Add	0.02	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.06	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.09	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.13	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.18	
	For >100 To 250, Add	0.09	
	For >250 To 500, Add	0.04	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000 To 20,000, Deduct	-0.05	
	For >20,000, Deduct	-0.06	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0013</b> <b>Paint Exterior Concrete Walls</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0014    SF    1 Coat Filler, Brush Work, Paint Exterior Concrete Walls .....	1.15	
For Oil Based Paint, Add	0.08	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0015    SF    1 Coat Filler, Brush Work, Paint Exterior Concrete Walls .....	1.19	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0016    SF    2 Coats Paint, Brush Work, Paint Exterior Concrete Walls .....	2.28	
For Oil Based Paint, Add	0.14	
For Epoxy Paint, Add	0.29	
For Work >15' To 20' Above Floor, Add	0.26	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.43	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.94	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.37	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.46	
09 91 13 00-0017    SF    1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls .....	0.96	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 13 00-0018	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls .....	1.03	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Epoxy Paint, Add</i>	0.14	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.41	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.60	
		<i>For &gt;100 To 250, Add</i>	0.29	
		<i>For &gt;250 To 500, Add</i>	0.13	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
		<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 13 00-0019	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	1.78	
		<i>For Oil Based Paint, Add</i>	0.12	
		<i>For Epoxy Paint, Add</i>	0.26	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.67	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.99	
		<i>For &gt;100 To 250, Add</i>	0.48	
		<i>For &gt;250 To 500, Add</i>	0.21	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
		<i>For &gt;20,000, Deduct</i>	-0.36	
09 91 13 00-0020	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Walls .....	0.87	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Epoxy Paint, Add</i>	0.17	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.39	
		<i>For &gt;100 To 250, Add</i>	0.20	
		<i>For &gt;250 To 500, Add</i>	0.09	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
		<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 13 00-0021	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Walls .....	0.76	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Epoxy Paint, Add</i>	0.14	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.16	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.36	
		<i>For &gt;100 To 250, Add</i>	0.18	
		<i>For &gt;250 To 500, Add</i>	0.08	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
		<i>For &gt;20,000, Deduct</i>	-0.15	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0022 SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Walls .....	1.38	
For Oil Based Paint, Add	0.10	
For Epoxy Paint, Add	0.28	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.61	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0023 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls .....	0.20	
For Oil Based Paint, Add	0.01	
For Epoxy Paint, Add	0.03	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.08	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
09 91 13 00-0024 Paint Exterior Concrete Block Walls (09 91 13 00-0001)		
09 91 13 00-0025 Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0024)		
09 91 13 00-0026 SF 1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls .....	1.67	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.87	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 13 00-0027 SF 1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls .....	1.88	
For Work >15' To 20' Above Floor, Add	0.19	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.50	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.03	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.38	



**09 Finishes**  
**09 90 Painting and Coating**  
**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0028	SF 2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls .....	3.35	
	For Work >15' To 20' Above Floor, Add	0.31	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.52	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.83	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.14	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.74	
	For >100 To 250, Add	0.85	
	For >250 To 500, Add	0.37	
	For >2,500 To 5,000, Deduct	-0.17	
	For >5,000 To 10,000, Deduct	-0.34	
	For >10,000 To 20,000, Deduct	-0.50	
	For >20,000, Deduct	-0.67	
09 91 13 00-0029	SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.43	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.69	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.29	
09 91 13 00-0030	SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.55	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.50	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.31	
09 91 13 00-0031	SF 2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	2.82	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.39	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.62	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.85	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.35	
	For >100 To 250, Add	0.67	
	For >250 To 500, Add	0.30	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.28	
	For >10,000 To 20,000, Deduct	-0.42	
	For >20,000, Deduct	-0.56	
09 91 13 00-0032	SF 1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls .....	1.24	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.18	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.25	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.46	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0033	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls .....	1.33	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.53	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.27	
09 91	13 00-0034	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	2.64	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.00	
			For >100 To 250, Add	0.52	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.40	
			For >20,000, Deduct	-0.53	
09 91	13 00-0035	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls .....	0.31	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.17	
			For >100 To 250, Add	0.08	
			For >250 To 500, Add	0.04	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.05	
			For >20,000, Deduct	-0.06	
09 91	13 00-0036		Paint Exterior Concrete Block Walls, Acrylic Latex Paint (09 91 13 00-0024) .....	1.47	
09 91	13 00-0037	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls .....	1.47	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.26	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.42	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.57	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.84	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.22	
			For >20,000, Deduct	-0.29	
09 91	13 00-0038	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls .....	1.76	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.48	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.65	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.98	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0039	SF		2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls .....	3.26	
			<i>For Oil Based Paint, Add</i>	0.22	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.85	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.17	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.77	
			<i>For &gt;100 To 250, Add</i>	0.86	
			<i>For &gt;250 To 500, Add</i>	0.38	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.16	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.33	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.49	
			<i>For &gt;20,000, Deduct</i>	-0.65	
09 91 13 00-0040	SF		1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls .....	1.97	
			<i>For Oil Based Paint, Add</i>	0.13	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.09	
			<i>For &gt;100 To 250, Add</i>	0.53	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
			<i>For &gt;20,000, Deduct</i>	-0.39	
09 91 13 00-0041	SF		1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.20	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.64	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.24	
09 91 13 00-0042	SF		1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.54	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 13 00-0043	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	2.72	
			<i>For Oil Based Paint, Add</i>	0.19	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.64	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.87	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.36	
			<i>For &gt;100 To 250, Add</i>	0.67	
			<i>For &gt;250 To 500, Add</i>	0.30	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.14	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.27	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.41	
			<i>For &gt;20,000, Deduct</i>	-0.54	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0044	SF	1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls .....	1.73	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.60	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.91	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	
09 91	13 00-0045	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls.....	1.18	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.54	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91	13 00-0046	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls .....	1.30	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.32	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91	13 00-0047	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls .....	1.90	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.26	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.42	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.57	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.91	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	
09 91	13 00-0048	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls .....	1.64	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.72	
			For >100 To 250, Add	0.36	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0049 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls.....	0.29	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.11	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.06	
<b>09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001)</b>		
09 91 13 00-0051 SF 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall.....	1.17	
For Oil Based Paint, Add	0.08	
For Orange Peel Finish, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.23	
For Epoxy Paint, Add	0.16	
09 91 13 00-0052 SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls .....	1.23	
For Oil Based Paint, Add	0.08	
For Orange Peel Finish, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.25	
For Epoxy Paint, Add	0.15	
09 91 13 00-0053 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls .....	2.28	
For Oil Based Paint, Add	0.14	
For Orange Peel Finish, Add	0.30	
For Work >15' To 20' Above Floor, Add	0.26	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.43	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.94	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.37	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.46	
For Epoxy Paint, Add	0.29	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0054 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.96	
For Oil Based Paint, Add	0.07	
For Orange Peel Finish, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
For Epoxy Paint, Add	0.15	
09 91 13 00-0055 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.93	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.53	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
For Epoxy Paint, Add	0.13	
09 91 13 00-0056 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	1.75	
For Oil Based Paint, Add	0.12	
For Orange Peel Finish, Add	0.23	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.97	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
For Epoxy Paint, Add	0.26	
09 91 13 00-0057 SF 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls.....	0.87	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.11	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.24	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.39	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
For Epoxy Paint, Add	0.17	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0058	SF	1	Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls.....	0.86	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.44	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.17	
			<i>For Epoxy Paint, Add</i>	0.15	
09 91 13 00-0059	SF	2	Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls.....	1.48	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.30	
			<i>For Epoxy Paint, Add</i>	0.29	
09 91 13 00-0060	LF	1	Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls.....	0.21	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.13	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
			<i>For Epoxy Paint, Add</i>	0.03	
09 91 13 00-0061			Paint Exterior Metal Walls <small>(09 91 13 00-0001)</small>		
09 91 13 00-0062			Paint Exterior Galvanized Walls <small>(09 91 13 00-0061)</small>		
			Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0063	SF	1	Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.39	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.77	
			<i>For &gt;100 To 250, Add</i>	0.37	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0064	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.52	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.42	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.58	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.42	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.30	
09 91	13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	2.78	
			For Work >15' To 20' Above Floor, Add	0.28	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.47	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.74	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.02	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.53	
			For >100 To 250, Add	0.74	
			For >250 To 500, Add	0.33	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.28	
			For >10,000 To 20,000, Deduct	-0.42	
			For >20,000, Deduct	-0.56	
09 91	13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls.....	1.05	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91	13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	1.20	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91	13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	2.25	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.37	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.58	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.80	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.21	
			For >100 To 250, Add	0.59	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.23	
			For >10,000 To 20,000, Deduct	-0.34	
			For >20,000, Deduct	-0.45	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0069	SF 1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls .....	0.91	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.06	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.10	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.36	
	<i>For &gt;100 To 250, Add</i>	0.19	
	<i>For &gt;250 To 500, Add</i>	0.08	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
	<i>For &gt;20,000, Deduct</i>	-0.18	
09 91 13 00-0070	SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls.....	1.14	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
	<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 13 00-0071	SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls.....	1.98	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.85	
	<i>For &gt;100 To 250, Add</i>	0.43	
	<i>For &gt;250 To 500, Add</i>	0.19	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
	<i>For &gt;20,000, Deduct</i>	-0.40	
09 91 13 00-0072	<b>Paint Exterior Aluminum And Aluminum Alloy Walls</b> (09 91 13 00-0061)		
	<i>Note: Alkyd enamel paint.</i>		
09 91 13 00-0073	SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	1.39	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.77	
	<i>For &gt;100 To 250, Add</i>	0.37	
	<i>For &gt;250 To 500, Add</i>	0.16	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 13 00-0074	SF 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces .....	1.52	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.86	
	<i>For &gt;100 To 250, Add</i>	0.42	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
	<i>For &gt;20,000, Deduct</i>	-0.30	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0075	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces .....	2.77	
				For Work >15' To 20' Above Floor, Add	0.28	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.47	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.74	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.02	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.53	
				For >100 To 250, Add	0.74	
				For >250 To 500, Add	0.32	
				For >2,500 To 5,000, Deduct	-0.14	
				For >5,000 To 10,000, Deduct	-0.28	
				For >10,000 To 20,000, Deduct	-0.42	
				For >20,000, Deduct	-0.55	
	09 91	13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.20	
				For Work >15' To 20' Above Floor, Add	0.10	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.17	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.27	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.37	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.58	
				For >100 To 250, Add	0.29	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.12	
				For >10,000 To 20,000, Deduct	-0.18	
				For >20,000, Deduct	-0.24	
	09 91	13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls .....	1.33	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.20	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.32	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.44	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.33	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.27	
	09 91	13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls .....	2.52	
				For Work >15' To 20' Above Floor, Add	0.22	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.37	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.58	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.80	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.25	
				For >100 To 250, Add	0.62	
				For >250 To 500, Add	0.27	
				For >2,500 To 5,000, Deduct	-0.13	
				For >5,000 To 10,000, Deduct	-0.25	
				For >10,000 To 20,000, Deduct	-0.38	
				For >20,000, Deduct	-0.50	
	09 91	13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls .....	0.99	
				For Work >15' To 20' Above Floor, Add	0.07	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.12	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.18	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.25	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.42	
				For >100 To 250, Add	0.21	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0080	SF 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.14	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
	<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 13 00-0081	SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.98	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.85	
	<i>For &gt;100 To 250, Add</i>	0.43	
	<i>For &gt;250 To 500, Add</i>	0.19	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
	<i>For &gt;20,000, Deduct</i>	-0.40	
09 91 13 00-0082	Paint Exterior Aluminum And Aluminum Alloy Roof Stacks <small>(09 91 13 00-0061)</small>		
09 91 13 00-0083	LF 1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	16.44	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	2.07	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	3.45	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	5.52	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	7.59	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	10.75	
	<i>For &gt;100 To 250, Add</i>	5.09	
	<i>For &gt;250 To 500, Add</i>	2.20	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.82	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-1.64	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-2.47	
	<i>For &gt;20,000, Deduct</i>	-3.29	
09 91 13 00-0084	LF 1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	18.30	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	2.30	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	3.83	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	6.13	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	8.43	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	11.94	
	<i>For &gt;100 To 250, Add</i>	5.66	
	<i>For &gt;250 To 500, Add</i>	2.45	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.92	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-1.83	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-2.75	
	<i>For &gt;20,000, Deduct</i>	-3.66	
09 91 13 00-0085	LF 2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	34.10	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	4.32	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	7.21	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	11.53	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	15.85	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	22.41	
	<i>For &gt;100 To 250, Add</i>	10.62	
	<i>For &gt;250 To 500, Add</i>	4.59	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-1.71	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-3.41	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-5.12	
	<i>For &gt;20,000, Deduct</i>	-6.82	



<b>Finishes</b>	<b>09</b>	
Painting and Coating	09 90	9
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>09 91 13 00-0086</b> <b>Paint Exterior Corrugated Metal Walls</b> <small>(09 91 13 00-0061)</small>		
09 91 13 00-0087	SF    1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.12
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08
	<i>Note: Applied only to work area above 15' to 20'.</i>	
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13
	<i>Note: Applied only to work area above 20'.</i>	
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.20
	<i>Note: Applied only to work area above 30' to 40'.</i>	
	<i>For Work &gt;40' Above Floor, Add</i>	0.28
	<i>Note: Applied only to work area above 40'.</i>	
	<i>For Up To 100, Add</i>	0.47
	<i>For &gt;100 To 250, Add</i>	0.24
	<i>For &gt;250 To 500, Add</i>	0.11
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17
	<i>For &gt;20,000, Deduct</i>	-0.22
09 91 13 00-0088	SF    1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.43
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12
	<i>Note: Applied only to work area above 15' to 20'.</i>	
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21
	<i>Note: Applied only to work area above 20'.</i>	
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33
	<i>Note: Applied only to work area above 30' to 40'.</i>	
	<i>For Work &gt;40' Above Floor, Add</i>	0.45
	<i>Note: Applied only to work area above 40'.</i>	
	<i>For Up To 100, Add</i>	0.71
	<i>For &gt;100 To 250, Add</i>	0.35
	<i>For &gt;250 To 500, Add</i>	0.15
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21
	<i>For &gt;20,000, Deduct</i>	-0.29
09 91 13 00-0089	SF    2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls .....	2.44
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18
	<i>Note: Applied only to work area above 15' to 20'.</i>	
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.31
	<i>Note: Applied only to work area above 20'.</i>	
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.49
	<i>Note: Applied only to work area above 30' to 40'.</i>	
	<i>For Work &gt;40' Above Floor, Add</i>	0.68
	<i>Note: Applied only to work area above 40'.</i>	
	<i>For Up To 100, Add</i>	1.10
	<i>For &gt;100 To 250, Add</i>	0.55
	<i>For &gt;250 To 500, Add</i>	0.25
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.24
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.37
	<i>For &gt;20,000, Deduct</i>	-0.49
<b>09 91 13 00-0090</b> <b>Paint Exterior Stucco Walls</b> <small>(09 91 13 00-0001)</small>		
09 91 13 00-0091	SF    1 Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.89
	<i>For Oil Based Paint, Add</i>	0.12
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22
	<i>Note: Applied only to work area above 15' to 20'.</i>	
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37
	<i>Note: Applied only to work area above 20'.</i>	
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.58
	<i>Note: Applied only to work area above 30' to 40'.</i>	
	<i>For Work &gt;40' Above Floor, Add</i>	0.80
	<i>Note: Applied only to work area above 40'.</i>	
	<i>For Up To 100, Add</i>	1.16
	<i>For &gt;100 To 250, Add</i>	0.55
	<i>For &gt;250 To 500, Add</i>	0.24
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.28
	<i>For &gt;20,000, Deduct</i>	-0.38





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0092	SF	1	Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	2.09	
			<i>For Oil Based Paint, Add</i>	0.13	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.64	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.87	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.27	
			<i>For &gt;100 To 250, Add</i>	0.61	
			<i>For &gt;250 To 500, Add</i>	0.26	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
			<i>For &gt;20,000, Deduct</i>	-0.42	
09 91 13 00-0093	SF	2	Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	3.91	
			<i>For Oil Based Paint, Add</i>	0.25	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.17	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.61	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.34	
			<i>For &gt;100 To 250, Add</i>	1.12	
			<i>For &gt;250 To 500, Add</i>	0.49	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.20	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.39	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.59	
			<i>For &gt;20,000, Deduct</i>	-0.78	
09 91 13 00-0094	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.48	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.30	
09 91 13 00-0095	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.68	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.96	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
			<i>For &gt;20,000, Deduct</i>	-0.34	
09 91 13 00-0096	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	3.13	
			<i>For Oil Based Paint, Add</i>	0.21	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.54	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.86	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.18	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.75	
			<i>For &gt;100 To 250, Add</i>	0.85	
			<i>For &gt;250 To 500, Add</i>	0.37	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.16	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.31	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.47	
			<i>For &gt;20,000, Deduct</i>	-0.63	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0097 SF 1 Coat Primer, Sprayed, Paint Exterior Stucco Walls .....	1.15	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0098 SF 1 Coat Paint, Sprayed, Paint Exterior Stucco Walls.....	1.41	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.67	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0099 SF 2 Coats Paint, Sprayed, Paint Exterior Stucco Walls.....	2.67	
For Oil Based Paint, Add	0.19	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.62	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.85	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.32	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.27	
For >10,000 To 20,000, Deduct	-0.40	
For >20,000, Deduct	-0.53	
09 91 13 00-0100 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces .....	0.34	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.07	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.10	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.14	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	

- 09 91 13 00-0101 Paint Exterior Wood Siding (09 91 13 00-0001)
- 09 91 13 00-0102 Paint Exterior Smooth Wood Siding (09 91 13 00-0101)  
Note: Includes tongue and groove, beveled, drop or board and batten siding.

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 13 00-0103	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding .....	1.66	
		For Oil Based Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.17	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.29	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.46	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.64	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.95	
		For >100 To 250, Add	0.46	
		For >250 To 500, Add	0.20	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000 To 20,000, Deduct	-0.25	
		For >20,000, Deduct	-0.33	
09 91 13 00-0104	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding .....	1.71	
		For Oil Based Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.19	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.32	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.51	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.70	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.02	
		For >100 To 250, Add	0.49	
		For >250 To 500, Add	0.21	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000 To 20,000, Deduct	-0.26	
		For >20,000, Deduct	-0.34	
09 91 13 00-0105	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding .....	3.09	
		For Oil Based Paint, Add	0.20	
		For Work >15' To 20' Above Floor, Add	0.34	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.56	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.90	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.23	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.81	
		For >100 To 250, Add	0.87	
		For >250 To 500, Add	0.38	
		For >2,500 To 5,000, Deduct	-0.15	
		For >5,000 To 10,000, Deduct	-0.31	
		For >10,000 To 20,000, Deduct	-0.46	
		For >20,000, Deduct	-0.62	
09 91 13 00-0106	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding .....	1.37	
		For Oil Based Paint, Add	0.10	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.44	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.69	
		For >100 To 250, Add	0.34	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
09 91 13 00-0107	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding .....	1.46	
		For Oil Based Paint, Add	0.10	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.24	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.38	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.53	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.80	
		For >100 To 250, Add	0.39	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.29	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0108	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding .....	2.75	
			For Oil Based Paint, Add	0.19	
			For Work >15' To 20' Above Floor, Add	0.26	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.44	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.70	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.97	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.47	
			For >100 To 250, Add	0.72	
			For >250 To 500, Add	0.31	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.28	
			For >10,000 To 20,000, Deduct	-0.41	
			For >20,000, Deduct	-0.55	
09 91	13 00-0109	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding .....	1.13	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.31	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91	13 00-0110	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding.....	1.31	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91	13 00-0111	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding.....	2.17	
			For Oil Based Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.99	
			For >100 To 250, Add	0.49	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.22	
			For >10,000 To 20,000, Deduct	-0.33	
			For >20,000, Deduct	-0.43	
09 91	13 00-0112	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding.....	0.28	
			For Oil Based Paint, Add	0.02	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.12	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.17	
			For >100 To 250, Add	0.08	
			For >250 To 500, Add	0.04	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.04	
			For >20,000, Deduct	-0.06	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 13 00-0113	Paint Exterior Rough Wood Siding <small>(09 91 13 00-0101)</small>		
	Note: Includes shingles, shakes or rough sawn siding.		
09 91 13 00-0114	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding .....	2.17	
	For Oil Based Paint, Add	0.14	
	For Work >15' To 20' Above Floor, Add	0.24	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.40	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.64	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.88	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.29	
	For >100 To 250, Add	0.62	
	For >250 To 500, Add	0.27	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.33	
	For >20,000, Deduct	-0.43	
09 91 13 00-0115	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding .....	2.11	
	For Oil Based Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.25	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.42	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.67	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.92	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.32	
	For >100 To 250, Add	0.63	
	For >250 To 500, Add	0.27	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	
09 91 13 00-0116	SF 2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding .....	3.91	
	For Oil Based Paint, Add	0.24	
	For Work >15' To 20' Above Floor, Add	0.46	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.77	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	1.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.68	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	2.42	
	For >100 To 250, Add	1.16	
	For >250 To 500, Add	0.50	
	For >2,500 To 5,000, Deduct	-0.20	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 20,000, Deduct	-0.59	
	For >20,000, Deduct	-0.78	
09 91 13 00-0117	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	2.11	
	For Oil Based Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.48	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.65	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.03	
	For >100 To 250, Add	0.51	
	For >250 To 500, Add	0.22	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000 To 20,000, Deduct	-0.32	
	For >20,000, Deduct	-0.42	
09 91 13 00-0118	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	2.25	
	For Oil Based Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.33	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.53	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.73	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.14	
	For >100 To 250, Add	0.56	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.23	
	For >10,000 To 20,000, Deduct	-0.34	
	For >20,000, Deduct	-0.45	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

09

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0119 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	4.23	
For Oil Based Paint, Add	0.30	
For Work >15' To 20' Above Floor, Add	0.36	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.60	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.96	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	2.07	
For >100 To 250, Add	1.02	
For >250 To 500, Add	0.45	
For >2,500 To 5,000, Deduct	-0.21	
For >5,000 To 10,000, Deduct	-0.42	
For >10,000 To 20,000, Deduct	-0.63	
For >20,000, Deduct	-0.85	
09 91 13 00-0120 SF 1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	1.55	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0121 SF 1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	1.71	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
09 91 13 00-0122 SF 2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn) .....	3.25	
For Oil Based Paint, Add	0.24	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.42	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.50	
For >100 To 250, Add	0.75	
For >250 To 500, Add	0.33	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.33	
For >10,000 To 20,000, Deduct	-0.49	
For >20,000, Deduct	-0.65	

09 91 13 00-0123 Paint Exterior Vinyl Siding (09 91 13 00-0001)



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0124	SF	1	Coat Primer, Brush Work, Paint Exterior Vinyl Siding.....	1.30	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91 13 00-0125	SF	1	Coat Paint, Brush Work, Paint Exterior Vinyl Siding.....	1.40	
			For Oil Based Paint, Add	0.10	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.75	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.28	
09 91 13 00-0126	SF	2	Coats Paint, Brush Work, Paint Exterior Vinyl Siding.....	2.65	
			For Oil Based Paint, Add	0.19	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.40	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.64	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.87	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.27	
			For >10,000 To 20,000, Deduct	-0.40	
			For >20,000, Deduct	-0.53	
09 91 13 00-0127	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding.....	1.23	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.36	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.25	
09 91 13 00-0128	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding.....	1.23	
			For Oil Based Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.26	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.36	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.58	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.25	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0129 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding .....	2.32	
For Oil Based Paint, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.06	
For >100 To 250, Add	0.53	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.46	
09 91 13 00-0130 SF 1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding .....	1.17	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.25	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.23	
09 91 13 00-0131 SF 1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding.....	1.38	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.25	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.48	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0132 SF 2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding.....	2.70	
For Oil Based Paint, Add	0.22	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.14	
For >5,000 To 10,000, Deduct	-0.27	
For >10,000 To 20,000, Deduct	-0.41	
For >20,000, Deduct	-0.54	
09 91 13 00-0133 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding.....	0.23	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.08	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.05	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

09 91 13 00-0134	Paint Exterior Ceilings <small>(09 91 13)</small>		
09 91 13 00-0135	Paint Exterior Concrete Ceilings <small>(09 91 13 00-0134)</small>		
09 91 13 00-0136	SF 1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling.....	1.28	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
09 91 13 00-0137	SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling.....	1.34	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.42	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.58	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.84	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 13 00-0138	SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling.....	2.43	
	For Oil Based Paint, Add	0.15	
	For Epoxy Paint, Add	0.29	
	For Work >15' To 20' Above Floor, Add	0.28	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.47	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.74	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.02	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.48	
	For >100 To 250, Add	0.71	
	For >250 To 500, Add	0.31	
	For >2,500 To 5,000, Deduct	-0.12	
	For >5,000 To 10,000, Deduct	-0.24	
	For >10,000 To 20,000, Deduct	-0.36	
	For >20,000, Deduct	-0.49	
09 91 13 00-0139	SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	1.02	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.17	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.27	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.37	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.56	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.12	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0140 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling .....	1.08	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.64	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 13 00-0141 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling .....	2.04	
For Oil Based Paint, Add	0.13	
For Epoxy Paint, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.37	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.59	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.81	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.19	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	
09 91 13 00-0142 SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling .....	0.89	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.25	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0143 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling .....	0.96	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0144	SF 2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling .....	1.63	
	For Oil Based Paint, Add	0.12	
	For Epoxy Paint, Add	0.29	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.80	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.33	
09 91 13 00-0145	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling .....	0.23	
	For Oil Based Paint, Add	0.01	
	For Epoxy Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.05	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.07	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.10	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.14	
	For >100 To 250, Add	0.07	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.05	
09 91 13 00-0146	Drywall/Plaster <sup>(09 91 13 00-0134)</sup>		
09 91 13 00-0147	SF 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling .....	1.28	
	For Oil Based Paint, Add	0.08	
	For Orange Peel Finish, Add	0.17	
	For Epoxy Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.75	
	For >100 To 250, Add	0.36	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.26	
	For Epoxy Paint, Add	0.17	
09 91 13 00-0148	SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling .....	1.34	
	For Oil Based Paint, Add	0.08	
	For Orange Peel Finish, Add	0.18	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.27	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.42	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.58	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.84	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
	For Epoxy Paint, Add	0.15	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0149 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling .....	2.43	
For Oil Based Paint, Add	0.15	
For Orange Peel Finish, Add	0.33	
For Epoxy Paint, Add	0.29	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.02	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.48	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.36	
For >20,000, Deduct	-0.49	
For Epoxy Paint, Add	0.29	
09 91 13 00-0150 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling .....	1.00	
For Oil Based Paint, Add	0.07	
For Orange Peel Finish, Add	0.13	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
For Epoxy Paint, Add	0.16	
09 91 13 00-0151 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling .....	1.08	
For Oil Based Paint, Add	0.07	
For Orange Peel Finish, Add	0.14	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.64	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
For Epoxy Paint, Add	0.14	
09 91 13 00-0152 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling .....	2.03	
For Oil Based Paint, Add	0.13	
For Orange Peel Finish, Add	0.27	
For Epoxy Paint, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.37	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.58	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.80	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.18	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.41	
For Epoxy Paint, Add	0.27	



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0153	SF 1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling .....	0.89	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.18	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.25	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.41	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.18	
	For Epoxy Paint, Add	0.17	
09 91 13 00-0154	SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.97	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.25	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.19	
	For Epoxy Paint, Add	0.15	
09 91 13 00-0155	SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	1.64	
	For Oil Based Paint, Add	0.12	
	For Epoxy Paint, Add	0.30	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.80	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.25	
	For >20,000, Deduct	-0.33	
	For Epoxy Paint, Add	0.30	
09 91 13 00-0156	LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.23	
	For Oil Based Paint, Add	0.01	
	For Epoxy Paint, Add	0.03	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.05	
	Note: Applied only to work area above 20'.		
	For Work >30' To 40' Above Floor, Add	0.07	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.10	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.14	
	For >100 To 250, Add	0.07	
	For >250 To 500, Add	0.03	
	For >2,500 To 5,000, Deduct	-0.01	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000 To 20,000, Deduct	-0.03	
	For >20,000, Deduct	-0.05	
	For Epoxy Paint, Add	0.03	

09 91 13 00-0157 Paint Exterior Wood Ceilings (09 91 13 00-0134)

09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings (09 91 13 00-0157)



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

09

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0159	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.60	
	<i>For Oil Based Paint, Add</i>	0.11	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.28	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.44	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.61	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.90	
	<i>For &gt;100 To 250, Add</i>	0.44	
	<i>For &gt;250 To 500, Add</i>	0.19	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.24	
	<i>For &gt;20,000, Deduct</i>	-0.32	
09 91 13 00-0160	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.62	
	<i>For Oil Based Paint, Add</i>	0.10	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.48	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.65	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.96	
	<i>For &gt;100 To 250, Add</i>	0.46	
	<i>For &gt;250 To 500, Add</i>	0.20	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.24	
	<i>For &gt;20,000, Deduct</i>	-0.32	
09 91 13 00-0161	SF 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling.....	2.98	
	<i>For Oil Based Paint, Add</i>	0.19	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.53	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.85	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.17	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.73	
	<i>For &gt;100 To 250, Add</i>	0.83	
	<i>For &gt;250 To 500, Add</i>	0.36	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
	<i>For &gt;20,000, Deduct</i>	-0.60	
09 91 13 00-0162	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling.....	1.37	
	<i>For Oil Based Paint, Add</i>	0.10	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.32	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.44	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.69	
	<i>For &gt;100 To 250, Add</i>	0.34	
	<i>For &gt;250 To 500, Add</i>	0.15	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 13 00-0163	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling.....	1.43	
	<i>For Oil Based Paint, Add</i>	0.10	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.51	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.77	
	<i>For &gt;100 To 250, Add</i>	0.38	
	<i>For &gt;250 To 500, Add</i>	0.16	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.29	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0164	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling .....	2.58	
			For Oil Based Paint, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.40	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.64	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.87	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.34	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	
			For >2,500 To 5,000, Deduct	-0.13	
			For >5,000 To 10,000, Deduct	-0.26	
			For >10,000 To 20,000, Deduct	-0.39	
			For >20,000, Deduct	-0.52	
09 91 13 00-0165	SF		1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling .....	1.04	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 13 00-0166	SF		1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling .....	1.04	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 13 00-0167	SF		2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling .....	1.92	
			For Oil Based Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.93	
			For >100 To 250, Add	0.46	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	
09 91 13 00-0168	LF		1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling .....	0.27	
			For Oil Based Paint, Add	0.02	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.16	
			For >100 To 250, Add	0.08	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.04	
			For >20,000, Deduct	-0.05	



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
		<b>09 91 13 00-0169 Paint Exterior Rough Wood Ceilings (09 91 13 00-0157)</b>		
	09 91 13 00-0170	SF 1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling.....	2.38	
		For Oil Based Paint, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.25	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.42	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.67	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.92	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.36	
		For >100 To 250, Add	0.66	
		For >250 To 500, Add	0.29	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.24	
		For >10,000 To 20,000, Deduct	-0.36	
		For >20,000, Deduct	-0.48	
	09 91 13 00-0171	SF 1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	2.29	
		For Oil Based Paint, Add	0.14	
		For Work >15' To 20' Above Floor, Add	0.28	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.47	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.74	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.02	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.46	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.30	
		For >2,500 To 5,000, Deduct	-0.11	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000 To 20,000, Deduct	-0.34	
		For >20,000, Deduct	-0.46	
	09 91 13 00-0172	SF 2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling.....	4.04	
		For Oil Based Paint, Add	0.24	
		For Work >15' To 20' Above Floor, Add	0.48	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.80	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	1.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.75	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	2.52	
		For >100 To 250, Add	1.20	
		For >250 To 500, Add	0.52	
		For >2,500 To 5,000, Deduct	-0.20	
		For >5,000 To 10,000, Deduct	-0.40	
		For >10,000 To 20,000, Deduct	-0.61	
		For >20,000, Deduct	-0.81	
	09 91 13 00-0173	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	2.25	
		For Oil Based Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.20	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.33	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.53	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.73	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.14	
		For >100 To 250, Add	0.56	
		For >250 To 500, Add	0.25	
		For >2,500 To 5,000, Deduct	-0.11	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000 To 20,000, Deduct	-0.34	
		For >20,000, Deduct	-0.45	
	09 91 13 00-0174	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	2.38	
		For Oil Based Paint, Add	0.17	
		For Work >15' To 20' Above Floor, Add	0.22	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.37	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.58	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.80	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.23	
		For >100 To 250, Add	0.60	
		For >250 To 500, Add	0.27	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.24	
		For >10,000 To 20,000, Deduct	-0.36	
		For >20,000, Deduct	-0.48	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0175	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling .....	4.35	
			For Oil Based Paint, Add	0.31	
			For Work >15' To 20' Above Floor, Add	0.38	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.63	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	1.00	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	2.16	
			For >100 To 250, Add	1.06	
			For >250 To 500, Add	0.47	
			For >2,500 To 5,000, Deduct	-0.22	
			For >5,000 To 10,000, Deduct	-0.44	
			For >10,000 To 20,000, Deduct	-0.65	
			For >20,000, Deduct	-0.87	
09 91 13 00-0176	SF		1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling .....	1.70	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.37	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.51	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.81	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.34	
09 91 13 00-0177	SF		1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling .....	1.85	
			For Oil Based Paint, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.92	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.28	
			For >20,000, Deduct	-0.37	
09 91 13 00-0178	SF		2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling .....	3.42	
			For Oil Based Paint, Add	0.25	
			For Work >15' To 20' Above Floor, Add	0.28	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.47	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.74	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.02	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.63	
			For >100 To 250, Add	0.81	
			For >250 To 500, Add	0.36	
			For >2,500 To 5,000, Deduct	-0.17	
			For >5,000 To 10,000, Deduct	-0.34	
			For >10,000 To 20,000, Deduct	-0.51	
			For >20,000, Deduct	-0.68	
09 91 13 00-0179			Paint Exterior Metal Ceilings (09 91 13 00-0134)		
09 91 13 00-0180			Paint Exterior Galvanized Ceilings (09 91 13 00-0179)		
			Note: Linseed oil or acrylic latex paint.		



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0181 SF 1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling.....	1.52	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.86	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 13 00-0182 SF 1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling.....	1.65	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 13 00-0183 SF 2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling.....	3.04	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.53	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.85	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.17	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.73	
For >100 To 250, Add	0.84	
For >250 To 500, Add	0.37	
For >2,500 To 5,000, Deduct	-0.15	
For >5,000 To 10,000, Deduct	-0.30	
For >10,000 To 20,000, Deduct	-0.46	
For >20,000, Deduct	-0.61	
09 91 13 00-0184 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	1.18	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0185 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	1.31	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0186	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling.....	2.35	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.40	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.64	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.88	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.31	
	<i>For &gt;100 To 250, Add</i>	0.64	
	<i>For &gt;250 To 500, Add</i>	0.28	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.24	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.35	
	<i>For &gt;20,000, Deduct</i>	-0.47	
09 91 13 00-0187	SF 1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling.....	1.14	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
	<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 13 00-0188	SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling.....	1.29	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.65	
	<i>For &gt;100 To 250, Add</i>	0.32	
	<i>For &gt;250 To 500, Add</i>	0.14	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
	<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 13 00-0189	SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling.....	2.13	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.43	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.59	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.96	
	<i>For &gt;100 To 250, Add</i>	0.48	
	<i>For &gt;250 To 500, Add</i>	0.21	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.32	
	<i>For &gt;20,000, Deduct</i>	-0.43	
09 91 13 00-0190	Paint Exterior Aluminum And Aluminum Alloy Ceilings <small>(09 91 13 00-0179)</small>		
	<i>Note: Alkyd enamel paint.</i>		
09 91 13 00-0191	SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.52	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.86	
	<i>For &gt;100 To 250, Add</i>	0.42	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
	<i>For &gt;20,000, Deduct</i>	-0.30	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0192	SF	1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	1.65	
				For Work >15' To 20' Above Floor, Add	0.18	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.30	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.48	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.65	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.96	
				For >100 To 250, Add	0.46	
				For >250 To 500, Add	0.20	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.17	
				For >10,000 To 20,000, Deduct	-0.25	
				For >20,000, Deduct	-0.33	
	09 91	13 00-0193	SF	2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	3.04	
				For Work >15' To 20' Above Floor, Add	0.32	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.53	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.85	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.17	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.73	
				For >100 To 250, Add	0.84	
				For >250 To 500, Add	0.37	
				For >2,500 To 5,000, Deduct	-0.15	
				For >5,000 To 10,000, Deduct	-0.30	
				For >10,000 To 20,000, Deduct	-0.46	
				For >20,000, Deduct	-0.61	
	09 91	13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	1.33	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.20	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.32	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.44	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.33	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.27	
	09 91	13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.46	
				For Work >15' To 20' Above Floor, Add	0.14	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.23	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.37	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.51	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.78	
				For >100 To 250, Add	0.38	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
	09 91	13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	2.66	
				For Work >15' To 20' Above Floor, Add	0.24	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.40	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.64	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.88	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.36	
				For >100 To 250, Add	0.67	
				For >250 To 500, Add	0.29	
				For >2,500 To 5,000, Deduct	-0.13	
				For >5,000 To 10,000, Deduct	-0.27	
				For >10,000 To 20,000, Deduct	-0.40	
				For >20,000, Deduct	-0.53	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0197	SF 1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling .....	1.14	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
	<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 13 00-0198	SF 1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.14	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.34	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.17	
	<i>For &gt;20,000, Deduct</i>	-0.23	
09 91 13 00-0199	SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	2.13	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.43	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.59	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.96	
	<i>For &gt;100 To 250, Add</i>	0.48	
	<i>For &gt;250 To 500, Add</i>	0.21	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.32	
	<i>For &gt;20,000, Deduct</i>	-0.43	
<b>09 91 13 00-0200</b>	<b>Paint Exterior Corrugated Metal Ceilings</b> (09 91 13 00-0179)		
09 91 13 00-0201	SF 1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling .....	1.27	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.36	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.59	
	<i>For &gt;100 To 250, Add</i>	0.29	
	<i>For &gt;250 To 500, Add</i>	0.13	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
	<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 13 00-0202	SF 1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.43	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.45	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.71	
	<i>For &gt;100 To 250, Add</i>	0.35	
	<i>For &gt;250 To 500, Add</i>	0.15	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.29	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0203	SF 2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	2.63	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
	<i>Note: Applied only to work area above 20'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.25	
	<i>For &gt;100 To 250, Add</i>	0.62	
	<i>For &gt;250 To 500, Add</i>	0.27	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.26	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.39	
	<i>For &gt;20,000, Deduct</i>	-0.53	
09 91 13 00-0204	Paint Exterior Floors (09 91 13)		
09 91 13 00-0205	Paint Exterior Concrete Floors (09 91 13 00-0204)		
09 91 13 00-0206	SF 1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks.....	1.02	
	<i>For Oil Based Paint, Add</i>	0.07	
	<i>For Epoxy Paint, Add</i>	0.16	
	<i>For Up To 100, Add</i>	0.56	
	<i>For &gt;100 To 250, Add</i>	0.27	
	<i>For &gt;250 To 500, Add</i>	0.12	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
	<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 13 00-0207	SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks.....	1.08	
	<i>For Oil Based Paint, Add</i>	0.07	
	<i>For Epoxy Paint, Add</i>	0.14	
	<i>For Up To 100, Add</i>	0.64	
	<i>For &gt;100 To 250, Add</i>	0.31	
	<i>For &gt;250 To 500, Add</i>	0.13	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
	<i>For &gt;20,000, Deduct</i>	-0.22	
09 91 13 00-0208	SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks.....	2.03	
	<i>For Oil Based Paint, Add</i>	0.13	
	<i>For Epoxy Paint, Add</i>	0.27	
	<i>For Up To 100, Add</i>	1.18	
	<i>For &gt;100 To 250, Add</i>	0.57	
	<i>For &gt;250 To 500, Add</i>	0.25	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
	<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 13 00-0209	SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.87	
	<i>For Oil Based Paint, Add</i>	0.06	
	<i>For Epoxy Paint, Add</i>	0.15	
	<i>For Up To 100, Add</i>	0.44	
	<i>For &gt;100 To 250, Add</i>	0.22	
	<i>For &gt;250 To 500, Add</i>	0.10	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
	<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 13 00-0210	SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.95	
	<i>For Oil Based Paint, Add</i>	0.06	
	<i>For Epoxy Paint, Add</i>	0.13	
	<i>For Up To 100, Add</i>	0.54	
	<i>For &gt;100 To 250, Add</i>	0.26	
	<i>For &gt;250 To 500, Add</i>	0.11	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
	<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 13 00-0211	SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	1.61	
	<i>For Oil Based Paint, Add</i>	0.11	
	<i>For Epoxy Paint, Add</i>	0.25	
	<i>For Up To 100, Add</i>	0.87	
	<i>For &gt;100 To 250, Add</i>	0.42	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.24	
	<i>For &gt;20,000, Deduct</i>	-0.32	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0212	SF		1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks .....	0.74	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.17	
			<i>For Up To 100, Add</i>	0.30	
			<i>For &gt;100 To 250, Add</i>	0.15	
			<i>For &gt;250 To 500, Add</i>	0.07	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.15	
09 91 13 00-0213	SF		1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.81	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.15	
			<i>For Up To 100, Add</i>	0.40	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 13 00-0214	SF		2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	1.48	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.29	
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.30	
09 91 13 00-0215	SF		1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks .....	2.30	
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.35	
			<i>For &gt;20,000, Deduct</i>	-0.46	
09 91 13 00-0216	SF		1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	6.75	
			<i>For Up To 100, Add</i>	1.41	
			<i>For &gt;100 To 250, Add</i>	0.84	
			<i>For &gt;250 To 500, Add</i>	0.40	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.34	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.68	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-1.01	
			<i>For &gt;20,000, Deduct</i>	-1.35	
09 91 13 00-0217	LF		1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks.....	0.18	
			<i>For Up To 100, Add</i>	0.11	
			<i>For &gt;100 To 250, Add</i>	0.05	
			<i>For &gt;250 To 500, Add</i>	0.02	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
<b>09 91 13 00-0218</b>			<b>Paint Exterior Wood Floors</b> <small>(09 91 13 00-0204)</small>		
09 91 13 00-0219	SF		1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks .....	1.30	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 13 00-0220	SF		1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks .....	1.36	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.76	
			<i>For &gt;100 To 250, Add</i>	0.37	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 13 00-0221	SF		2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	2.57	
			<i>For Oil Based Paint, Add</i>	0.17	
			<i>For Up To 100, Add</i>	1.42	
			<i>For &gt;100 To 250, Add</i>	0.69	
			<i>For &gt;250 To 500, Add</i>	0.30	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.26	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.39	
			<i>For &gt;20,000, Deduct</i>	-0.51	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0222	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks.....	1.24	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.59	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 91	13 00-0223	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks.....	1.30	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91	13 00-0224	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks.....	2.18	
			<i>For Oil Based Paint, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.04	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.22	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.33	
			<i>For &gt;20,000, Deduct</i>	-0.44	
09 91	13 00-0225	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks.....	0.89	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
			<i>For &gt;20,000, Deduct</i>	-0.18	
09 91	13 00-0226	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks.....	1.04	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91	13 00-0227	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks.....	1.78	
			<i>For Oil Based Paint, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.83	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000, Deduct</i>	-0.36	
09 91	13 00-0228	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	2.43	
			<i>For Up To 100, Add</i>	0.84	
			<i>For &gt;100 To 250, Add</i>	0.44	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.24	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.36	
			<i>For &gt;20,000, Deduct</i>	-0.49	
09 91	13 00-0229	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks.....	6.88	
			<i>For Up To 100, Add</i>	1.51	
			<i>For &gt;100 To 250, Add</i>	0.89	
			<i>For &gt;250 To 500, Add</i>	0.42	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.34	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.69	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-1.03	
			<i>For &gt;20,000, Deduct</i>	-1.38	
09 91	13 00-0230	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks.....	0.22	
			<i>For Up To 100, Add</i>	0.12	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
09 91	13 00-0231		Paint Exterior Doors And Windows <small>(09 91 13)</small>		
09 91	13 00-0232		Paint Exterior Door Frames <small>(09 91 13 00-0231)</small>		
09 91	13 00-0233	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	1.53	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.42	
09 91	13 00-0234	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	1.95	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.53	



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0235	LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim.....	3.30	
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.89	
09 91 13 00-0236	LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	1.49	
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.40	
09 91 13 00-0237	LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	1.91	
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.51	
09 91 13 00-0238	LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim.....	3.23	
	<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.86	
<b>09 91 13 00-0239 Paint Exterior Metal Doors (09 91 13 00-0231)</b>			
09 91 13 00-0240	EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	69.72	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	5.78	
	<i>For Full Louvered Door, Add</i>	9.63	
	<i>For Electrostatic Painting, Add</i>	11.65	
	<i>For &gt;5 To 10, Deduct</i>	-3.49	
	<i>For &gt;10 To 25, Deduct</i>	-6.97	
	<i>For &gt;25, Deduct</i>	-10.46	
09 91 13 00-0241	EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	69.72	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	5.78	
	<i>For Full Louvered Door, Add</i>	9.63	
	<i>For Electrostatic Painting, Add</i>	11.65	
	<i>For &gt;5 To 10, Deduct</i>	-3.49	
	<i>For &gt;10 To 25, Deduct</i>	-6.97	
	<i>For &gt;25, Deduct</i>	-10.46	
09 91 13 00-0242	EA 2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	127.08	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	9.76	
	<i>For Full Louvered Door, Add</i>	16.27	
	<i>For Electrostatic Painting, Add</i>	22.01	
	<i>For &gt;5 To 10, Deduct</i>	-6.35	
	<i>For &gt;10 To 25, Deduct</i>	-12.71	
	<i>For &gt;25, Deduct</i>	-19.06	
09 91 13 00-0243	EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	125.15	
	Note: Both faces		
	<i>For Half Louvered Door, Add</i>	10.36	
	<i>For Full Louvered Door, Add</i>	17.27	
	<i>For Electrostatic Painting, Add</i>	20.93	
	<i>For &gt;5 To 10, Deduct</i>	-6.26	
	<i>For &gt;10 To 25, Deduct</i>	-12.52	
	<i>For &gt;25, Deduct</i>	-18.77	
09 91 13 00-0244	EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	125.15	
	Note: Both faces		
	<i>For Half Louvered Door, Add</i>	10.36	
	<i>For Full Louvered Door, Add</i>	17.27	
	<i>For Electrostatic Painting, Add</i>	20.93	
	<i>For &gt;5 To 10, Deduct</i>	-6.26	
	<i>For &gt;10 To 25, Deduct</i>	-12.52	
	<i>For &gt;25, Deduct</i>	-18.77	
09 91 13 00-0245	EA 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door.....	229.00	
	Note: Both faces		
	<i>For Half Louvered Door, Add</i>	17.53	
	<i>For Full Louvered Door, Add</i>	29.22	
	<i>For Electrostatic Painting, Add</i>	39.72	
	<i>For &gt;5 To 10, Deduct</i>	-11.45	
	<i>For &gt;10 To 25, Deduct</i>	-22.90	
	<i>For &gt;25, Deduct</i>	-34.35	
09 91 13 00-0246	EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door.....	64.02	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	4.46	
	<i>For Full Louvered Door, Add</i>	7.43	
	<i>For Electrostatic Painting, Add</i>	11.55	
	<i>For &gt;5 To 10, Deduct</i>	-3.20	
	<i>For &gt;10 To 25, Deduct</i>	-6.40	
	<i>For &gt;25, Deduct</i>	-9.60	
09 91 13 00-0247	EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door.....	64.02	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	4.46	
	<i>For Full Louvered Door, Add</i>	7.43	
	<i>For Electrostatic Painting, Add</i>	11.55	
	<i>For &gt;5 To 10, Deduct</i>	-3.20	
	<i>For &gt;10 To 25, Deduct</i>	-6.40	
	<i>For &gt;25, Deduct</i>	-9.60	
09 91 13 00-0248	EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door.....	118.37	
	Note: One face		
	<i>For Half Louvered Door, Add</i>	7.52	
	<i>For Full Louvered Door, Add</i>	12.54	
	<i>For Electrostatic Painting, Add</i>	22.07	
	<i>For &gt;5 To 10, Deduct</i>	-5.92	
	<i>For &gt;10 To 25, Deduct</i>	-11.84	
	<i>For &gt;25, Deduct</i>	-17.76	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0249 EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door .....	114.94	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	7.99	
<i>For Full Louvered Door, Add</i>	13.32	
<i>For Electrostatic Painting, Add</i>	20.75	
<i>For &gt;5 To 10, Deduct</i>	-5.75	
<i>For &gt;10 To 25, Deduct</i>	-11.49	
<i>For &gt;25, Deduct</i>	-17.24	
09 91 13 00-0250 EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door .....	114.94	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	7.99	
<i>For Full Louvered Door, Add</i>	13.32	
<i>For Electrostatic Painting, Add</i>	20.75	
<i>For &gt;5 To 10, Deduct</i>	-5.75	
<i>For &gt;10 To 25, Deduct</i>	-11.49	
<i>For &gt;25, Deduct</i>	-17.24	
09 91 13 00-0251 EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door .....	213.48	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	13.52	
<i>For Full Louvered Door, Add</i>	22.53	
<i>For Electrostatic Painting, Add</i>	39.85	
<i>For &gt;5 To 10, Deduct</i>	-10.67	
<i>For &gt;10 To 25, Deduct</i>	-21.35	
<i>For &gt;25, Deduct</i>	-32.02	
09 91 13 00-0252 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door .....	3.16	
<i>For Electrostatic Painting, Add</i>	0.40	
09 91 13 00-0253 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door .....	3.36	
<i>For Electrostatic Painting, Add</i>	0.45	
09 91 13 00-0254 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door .....	6.86	
<i>For Electrostatic Painting, Add</i>	0.88	
09 91 13 00-0255 SF 1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door .....	3.32	
<i>For Electrostatic Painting, Add</i>	0.41	
09 91 13 00-0256 SF 1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door .....	3.52	
<i>For Electrostatic Painting, Add</i>	0.46	
09 91 13 00-0257 SF 2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door .....	6.81	
<i>For Electrostatic Painting, Add</i>	0.89	
<b>09 91 13 00-0258 Paint Exterior Wood Doors (09 91 13 00-0231)</b>		
09 91 13 00-0259 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door .....	72.05	
Note: One face		
<i>For Half Louvered Door, Add</i>	5.78	
<i>For Full Louvered Door, Add</i>	9.63	
<i>For &gt;5 To 10, Deduct</i>	-3.60	
<i>For &gt;10 To 25, Deduct</i>	-7.21	
<i>For &gt;25, Deduct</i>	-10.81	
09 91 13 00-0260 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door .....	72.05	
Note: One face		
<i>For Half Louvered Door, Add</i>	5.78	
<i>For Full Louvered Door, Add</i>	9.63	
<i>For &gt;5 To 10, Deduct</i>	-3.60	
<i>For &gt;10 To 25, Deduct</i>	-7.21	
<i>For &gt;25, Deduct</i>	-10.81	
09 91 13 00-0261 EA 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door .....	131.71	
Note: One face		
<i>For Half Louvered Door, Add</i>	9.76	
<i>For Full Louvered Door, Add</i>	16.27	
<i>For &gt;5 To 10, Deduct</i>	-6.59	
<i>For &gt;10 To 25, Deduct</i>	-13.17	
<i>For &gt;25, Deduct</i>	-19.76	
09 91 13 00-0262 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door .....	129.34	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	10.36	
<i>For Full Louvered Door, Add</i>	17.27	
<i>For &gt;5 To 10, Deduct</i>	-6.47	
<i>For &gt;10 To 25, Deduct</i>	-12.93	
<i>For &gt;25, Deduct</i>	-19.40	
09 91 13 00-0263 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door .....	129.34	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	10.36	
<i>For Full Louvered Door, Add</i>	17.27	
<i>For &gt;5 To 10, Deduct</i>	-6.47	
<i>For &gt;10 To 25, Deduct</i>	-12.93	
<i>For &gt;25, Deduct</i>	-19.40	
09 91 13 00-0264 EA 2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door .....	237.38	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	17.53	
<i>For Full Louvered Door, Add</i>	29.22	
<i>For &gt;5 To 10, Deduct</i>	-11.87	
<i>For &gt;10 To 25, Deduct</i>	-23.74	
<i>For &gt;25, Deduct</i>	-35.61	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0265	EA	1	Coat Primer, Sprayed, Paint Exterior Wood Door .....	66.59	
			Note: One face		
			For Half Louvered Door, Add	4.46	
			For Full Louvered Door, Add	7.43	
			For >5 To 10, Deduct	-3.33	
			For >10 To 25, Deduct	-6.66	
			For >25, Deduct	-9.99	
09 91 13 00-0266	EA	1	Coat Paint, Sprayed, Paint Exterior Wood Door .....	66.59	
			Note: One face		
			For Half Louvered Door, Add	4.46	
			For Full Louvered Door, Add	7.43	
			For >5 To 10, Deduct	-3.33	
			For >10 To 25, Deduct	-6.66	
			For >25, Deduct	-9.99	
09 91 13 00-0267	EA	2	Coats Paint, Sprayed, Paint Exterior Wood Door .....	123.48	
			Note: One face		
			For Half Louvered Door, Add	7.53	
			For Full Louvered Door, Add	12.55	
			For >5 To 10, Deduct	-6.17	
			For >10 To 25, Deduct	-12.35	
			For >25, Deduct	-18.52	
09 91 13 00-0268	EA	1	Coat Primer, Sprayed, Paint Exterior Wood Door .....	119.54	
			Note: Both faces		
			For Half Louvered Door, Add	7.99	
			For Full Louvered Door, Add	13.32	
			For >5 To 10, Deduct	-5.98	
			For >10 To 25, Deduct	-11.95	
			For >25, Deduct	-17.93	
09 91 13 00-0269	EA	1	Coat Paint, Sprayed, Paint Exterior Wood Door .....	119.54	
			Note: Both faces		
			For Half Louvered Door, Add	7.99	
			For Full Louvered Door, Add	13.32	
			For >5 To 10, Deduct	-5.98	
			For >10 To 25, Deduct	-11.95	
			For >25, Deduct	-17.93	
09 91 13 00-0270	EA	2	Coats Paint, Sprayed, Paint Exterior Wood Door .....	222.70	
			Note: Both faces		
			For Half Louvered Door, Add	13.52	
			For Full Louvered Door, Add	22.53	
			For >5 To 10, Deduct	-11.14	
			For >10 To 25, Deduct	-22.27	
			For >25, Deduct	-33.41	
09 91 13 00-0271	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	3.22	
09 91 13 00-0272	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	3.41	
09 91 13 00-0273	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	6.96	
09 91 13 00-0274	SF	1	Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	3.36	
09 91 13 00-0275	SF	1	Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	3.57	
09 91 13 00-0276	SF	2	Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door .....	6.91	
<b>09 91 13 00-0277</b>			<b>Paint Exterior Metal Windows</b> (09 91 13 00-0231)		
			Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0278	EA	Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	107.07		
		For Electrostatic Painting, Add	13.82		
		For >5 To 10, Deduct	-5.35		
		For >10 To 25, Deduct	-10.71		
		For >25, Deduct	-16.06		
09 91 13 00-0279	EA	>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	131.65		
		For Electrostatic Painting, Add	17.97		
		For >5 To 10, Deduct	-6.58		
		For >10 To 25, Deduct	-13.17		
		For >25, Deduct	-19.75		
09 91 13 00-0280	EA	>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	178.32		
		For Electrostatic Painting, Add	24.65		
		For >5 To 10, Deduct	-8.92		
		For >10 To 25, Deduct	-17.83		
		For >25, Deduct	-26.75		
09 91 13 00-0281	EA	>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	200.88		
		For Electrostatic Painting, Add	27.80		
		For >5 To 10, Deduct	-10.04		
		For >10 To 25, Deduct	-20.09		
		For >25, Deduct	-30.13		
09 91 13 00-0282	EA	>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	222.61		
		For Electrostatic Painting, Add	30.74		
		For >5 To 10, Deduct	-11.13		
		For >10 To 25, Deduct	-22.26		
		For >25, Deduct	-33.39		
09 91 13 00-0283	SF	>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim .....	7.06		
		For Electrostatic Painting, Add	0.97		



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 91 13 00-0284</b> <b>Paint Exterior Wood Windows</b> <small>(09 91 13 00-0231)</small>		
Note: Two finish coats paint over primer.		
09 91 13 00-0285    EA    Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	108.62	
<i>For &gt;5 To 10, Deduct</i>	-5.43	
<i>For &gt;10 To 25, Deduct</i>	-10.86	
<i>For &gt;25, Deduct</i>	-16.29	
09 91 13 00-0286    EA    >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	134.05	
<i>For &gt;5 To 10, Deduct</i>	-6.70	
<i>For &gt;10 To 25, Deduct</i>	-13.41	
<i>For &gt;25, Deduct</i>	-20.11	
09 91 13 00-0287    EA    >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	181.71	
<i>For &gt;5 To 10, Deduct</i>	-9.09	
<i>For &gt;10 To 25, Deduct</i>	-18.17	
<i>For &gt;25, Deduct</i>	-27.26	
09 91 13 00-0288    EA    >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	204.72	
<i>For &gt;5 To 10, Deduct</i>	-10.24	
<i>For &gt;10 To 25, Deduct</i>	-20.47	
<i>For &gt;25, Deduct</i>	-30.71	
09 91 13 00-0289    EA    >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	226.84	
<i>For &gt;5 To 10, Deduct</i>	-11.34	
<i>For &gt;10 To 25, Deduct</i>	-22.68	
<i>For &gt;25, Deduct</i>	-34.03	
09 91 13 00-0290    SF    >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim .....	7.53	
<b>09 91 13 00-0291</b> <b>Paint Exterior Security Screens</b> <small>(09 91 13 00-0231)</small>		
09 91 13 00-0292    SF    1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen .....	1.88	
<i>For Electrostatic Painting, Add</i>	0.26	
09 91 13 00-0293    SF    1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen .....	1.89	
<i>For Electrostatic Painting, Add</i>	0.24	
09 91 13 00-0294    SF    2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen .....	3.14	
<i>For Electrostatic Painting, Add</i>	0.40	
<b>09 91 13 00-0295</b> <b>Paint Exterior Window Guards</b> <small>(09 91 13 00-0231)</small>		
09 91 13 00-0296    SF    1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards .....	1.88	
09 91 13 00-0297    SF    1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards .....	1.89	
09 91 13 00-0298    SF    2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards .....	3.14	
<b>09 91 13 00-0299</b> <b>Paint Exterior Window Trim</b> <small>(09 91 13 00-0231)</small>		
09 91 13 00-0300    LF    1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim .....	1.88	
09 91 13 00-0301    LF    1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim .....	1.88	
09 91 13 00-0302    LF    2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim .....	3.14	
09 91 13 00-0303    LF    1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	2.03	
09 91 13 00-0304    LF    1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	2.03	
09 91 13 00-0305    LF    2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim .....	3.45	
<b>09 91 13 00-0306</b> <b>Paint Exterior Roofing And Trim</b> <small>(09 91 13)</small>		
<b>09 91 13 00-0307</b> <b>Paint Stain Or Seal Wood Roofing</b> <small>(09 91 13 00-0306)</small>		
09 91 13 00-0308    SF    1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake .....	2.91	
<i>For Up To 100, Add</i>	1.29	
<i>For &gt;100 To 250, Add</i>	0.65	
<i>For &gt;250 To 500, Add</i>	0.29	
09 91 13 00-0309    SF    2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake .....	5.39	
<i>For Up To 100, Add</i>	2.34	
<i>For &gt;100 To 250, Add</i>	1.18	
<i>For &gt;250 To 500, Add</i>	0.52	
<b>09 91 13 00-0310</b> <b>Paint Metal Roofing</b> <small>(09 91 13 00-0306)</small>		
09 91 13 00-0311    SF    1 Coat Paint, Brush/Roller Work, Paint Metal Roofing .....	1.15	
<i>For Up To 100, Add</i>	0.51	
<i>For &gt;100 To 250, Add</i>	0.26	
<i>For &gt;250 To 500, Add</i>	0.11	
09 91 13 00-0312    SF    2 Coats Paint, Brush/Roller Work, Paint Metal Roofing .....	2.01	
<i>For Up To 100, Add</i>	0.91	
<i>For &gt;100 To 250, Add</i>	0.46	
<i>For &gt;250 To 500, Add</i>	0.20	
<b>09 91 13 00-0313</b> <b>Paint Fascia Board</b> <small>(09 91 13 00-0306)</small>		
09 91 13 00-0314    LF    1 Coat Primer, Brush/Roller Work, Paint Fascia Board .....	1.20	
<i>For Up To 100, Add</i>	0.52	
<i>For &gt;100 To 250, Add</i>	0.26	
<i>For &gt;250 To 500, Add</i>	0.12	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0315	LF	1	Coat Paint, Brush/Roller Work, Paint Fascia Board.....	1.20	
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.12	
09 91 13 00-0316	LF	2	Coats Paint, Brush/Roller Work, Paint Fascia Board.....	2.08	
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.21	
<b>09 91 13 00-0317</b>			<b>Paint Soffit</b> (09 91 13 00-0306)		
09 91 13 00-0318	SF	1	Coat Primer, Brush/Roller Work, Paint Soffit .....	1.48	
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
09 91 13 00-0319	SF	1	Coat Paint, Brush/Roller Work, Paint Soffit.....	1.48	
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
09 91 13 00-0320	SF	2	Coats Paint, Brush/Roller Work, Paint Soffit.....	2.51	
			<i>For Up To 100, Add</i>	0.99	
			<i>For &gt;100 To 250, Add</i>	0.51	
			<i>For &gt;250 To 500, Add</i>	0.23	
<b>09 91 13 00-0321</b>			<b>Paint Metal Surfaces</b> (09 91 13)		
			Note: Tasks can be used for exterior or interior applications.		
<b>09 91 13 00-0322</b>			<b>Paint Structural Steel</b> (09 91 13 00-0321)		
<b>09 91 13 00-0323</b>			<b>Paint Structural Steel, Brush Work</b> (09 91 13 00-0322)		
09 91 13 00-0324	SF	1	Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel .....	1.30	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 250, Add</i>	0.38	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0325	SF	1	Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel .....	1.15	
			<i>For Up To 100, Add</i>	0.68	
			<i>For &gt;100 To 250, Add</i>	0.33	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For Epoxy Paint, Add</i>	0.15	
<b>09 91 13 00-0326</b>			<b>Paint Structural Steel, Spray Work</b> (09 91 13 00-0322)		
09 91 13 00-0327	SF	1	Field Coat Primer, Sprayed, Paint Exterior Structural Steel.....	0.93	
			<i>For Electrostatic Painting, Add</i>	0.14	
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0328	SF	1	Field Coat Paint, Sprayed, Paint Exterior Structural Steel.....	0.78	
			<i>For Electrostatic Painting, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.41	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For Epoxy Paint, Add</i>	0.13	
<b>09 91 13 00-0329</b>			<b>Paint Metal Decking, Beams And Bar Joist</b> (09 91 13 00-0322)		
09 91 13 00-0330	SF	1	Coat Primer, Sprayed, Paint Exposed Metal Decking.....	1.04	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0331	SF	1	Coat Paint, Sprayed, Paint Exposed Metal Decking .....	1.04	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0332	SF	2	Coats Paint, Sprayed, Paint Exposed Metal Decking .....	1.77	
			<i>For Up To 100, Add</i>	0.96	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For Epoxy Paint, Add</i>	0.27	
09 91 13 00-0333	SF	1	Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists.....	1.60	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For Epoxy Paint, Add</i>	0.26	
09 91 13 00-0334	SF	1	Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists .....	1.54	
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For Epoxy Paint, Add</i>	0.23	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0335	SF	2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists .....	2.93	
				<i>For Up To 100, Add</i>	1.58	
				<i>For &gt;100 To 250, Add</i>	0.77	
				<i>For &gt;250 To 500, Add</i>	0.34	
				<i>For Epoxy Paint, Add</i>	0.46	
	09 91	13 00-0336	SF	1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists .....	1.29	
				<i>For Up To 100, Add</i>	0.70	
				<i>For &gt;100 To 250, Add</i>	0.34	
				<i>For &gt;250 To 500, Add</i>	0.15	
				<i>For Epoxy Paint, Add</i>	0.20	
	09 91	13 00-0337	SF	1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.29	
				<i>For Up To 100, Add</i>	0.70	
				<i>For &gt;100 To 250, Add</i>	0.34	
				<i>For &gt;250 To 500, Add</i>	0.15	
				<i>For Epoxy Paint, Add</i>	0.20	
	09 91	13 00-0338	SF	2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists.....	2.22	
				<i>For Up To 100, Add</i>	1.14	
				<i>For &gt;100 To 250, Add</i>	0.56	
				<i>For &gt;250 To 500, Add</i>	0.25	
				<i>For Epoxy Paint, Add</i>	0.38	
	09 91	13 00-0339		<b>Paint Steel Pipes</b> <small>(09 91 13 00-0321)</small>		
				Note: Includes pipe, tubes, rails, conduit, etc.		
	09 91	13 00-0340	LF	1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.12	
				<i>For Electrostatic Painting, Add</i>	0.28	
				<i>For Epoxy Paint, Add</i>	0.24	
	09 91	13 00-0341	LF	1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.37	
				<i>For Electrostatic Painting, Add</i>	0.32	
				<i>For Epoxy Paint, Add</i>	0.28	
	09 91	13 00-0342	LF	1 Coat Primer, 4" Diameter, Paint Steel Pipes.....	2.67	
				<i>For Electrostatic Painting, Add</i>	0.36	
				<i>For Epoxy Paint, Add</i>	0.31	
	09 91	13 00-0343	LF	1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes .....	3.34	
				<i>For Electrostatic Painting, Add</i>	0.44	
				<i>For Epoxy Paint, Add</i>	0.39	
	09 91	13 00-0344	LF	1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes .....	4.22	
				<i>For Electrostatic Painting, Add</i>	0.56	
				<i>For Epoxy Paint, Add</i>	0.48	
	09 91	13 00-0345	LF	1 Coat Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.12	
				<i>For Electrostatic Painting, Add</i>	0.28	
				<i>For Epoxy Paint, Add</i>	0.24	
	09 91	13 00-0346	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	2.37	
				<i>For Electrostatic Painting, Add</i>	0.32	
				<i>For Epoxy Paint, Add</i>	0.28	
	09 91	13 00-0347	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes .....	2.67	
				<i>For Electrostatic Painting, Add</i>	0.36	
				<i>For Epoxy Paint, Add</i>	0.31	
	09 91	13 00-0348	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes.....	3.34	
				<i>For Electrostatic Painting, Add</i>	0.44	
				<i>For Epoxy Paint, Add</i>	0.39	
	09 91	13 00-0349	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes.....	4.22	
				<i>For Electrostatic Painting, Add</i>	0.56	
				<i>For Epoxy Paint, Add</i>	0.48	
	09 91	13 00-0350	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe .....	4.36	
				<i>For Electrostatic Painting, Add</i>	0.61	
				<i>For Epoxy Paint, Add</i>	0.58	
	09 91	13 00-0351	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe .....	4.75	
				<i>For Electrostatic Painting, Add</i>	0.63	
				<i>For Epoxy Paint, Add</i>	0.56	
	09 91	13 00-0352	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes .....	5.15	
				<i>For Electrostatic Painting, Add</i>	0.69	
				<i>For Epoxy Paint, Add</i>	0.61	
	09 91	13 00-0353	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes.....	6.48	
				<i>For Electrostatic Painting, Add</i>	0.87	
				<i>For Epoxy Paint, Add</i>	0.76	
	09 91	13 00-0354	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes.....	8.00	
				<i>For Electrostatic Painting, Add</i>	1.08	
				<i>For Epoxy Paint, Add</i>	0.96	
	09 91	13 00-0355	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box .....	10.02	
				<i>For Electrostatic Painting, Add</i>	1.07	
				<i>For Epoxy Paint, Add</i>	0.64	

	09 91	13 00-0356		<b>Paint Metal Louvers</b> <small>(09 91 13 00-0321)</small>		
	09 91	13 00-0357	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area.....	1.77	
				<i>For Electrostatic Painting, Add</i>	0.22	
	09 91	13 00-0358	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area .....	1.80	
				<i>For Electrostatic Painting, Add</i>	0.23	
	09 91	13 00-0359	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area .....	3.70	
				<i>For Electrostatic Painting, Add</i>	0.47	

	09 91	13 00-0360		<b>Paint Ladders</b> <small>(09 91 13 00-0321)</small>		
--	-------	------------	--	--	--	--



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0361	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders .....	4.72	
			<i>For Epoxy Paint, Add</i>	0.30	
09 91	13 00-0362	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders .....	5.27	
			<i>For Epoxy Paint, Add</i>	0.33	
09 91	13 00-0363	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders .....	10.36	
			<i>For Epoxy Paint, Add</i>	0.61	
<b>09 91</b>	<b>13 00-0364</b>		<b>Paint Handrails</b> <small>(09 91 13 00-0321)</small>		
09 91	13 00-0365	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	1.91	
			<i>For Epoxy Paint, Add</i>	0.16	
09 91	13 00-0366	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	2.11	
			<i>For Epoxy Paint, Add</i>	0.17	
09 91	13 00-0367	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket.....	3.45	
			<i>For Epoxy Paint, Add</i>	0.24	
09 91	13 00-0368	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	3.63	
			<i>For Epoxy Paint, Add</i>	0.50	
09 91	13 00-0369	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	3.94	
			<i>For Epoxy Paint, Add</i>	0.52	
09 91	13 00-0370	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets.....	6.71	
			<i>For Epoxy Paint, Add</i>	0.81	
09 91	13 00-0371	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	3.88	
			<i>For Epoxy Paint, Add</i>	0.51	
09 91	13 00-0372	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	4.24	
			<i>For Epoxy Paint, Add</i>	0.53	
09 91	13 00-0373	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets.....	7.10	
			<i>For Epoxy Paint, Add</i>	0.83	
09 91	13 00-0374	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades.....	2.16	
			<i>For Epoxy Paint, Add</i>	0.27	
09 91	13 00-0375	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades.....	2.36	
			<i>For Epoxy Paint, Add</i>	0.28	
09 91	13 00-0376	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades.....	4.33	
			<i>For Epoxy Paint, Add</i>	0.53	
<b>09 91</b>	<b>13 00-0377</b>		<b>Paint Grating</b> <small>(09 91 13 00-0321)</small>		
09 91	13 00-0378	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames.....	3.46	
			<i>For Epoxy Paint, Add</i>	0.24	
09 91	13 00-0379	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames.....	3.53	
			<i>For Epoxy Paint, Add</i>	0.27	
09 91	13 00-0380	SF	2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames.....	5.32	
			<i>For Epoxy Paint, Add</i>	0.45	
<b>09 91</b>	<b>13 00-0381</b>		<b>Other Site Work Painting</b> <small>(09 91 13)</small>		
<b>09 91</b>	<b>13 00-0382</b>		<b>Paint Fencing</b> <small>(09 91 13 00-0381)</small>		
			Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91	13 00-0383	SF	1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence.....	1.07	
			<i>For Epoxy Paint, Add</i>	0.13	
			<i>For Up To 100, Add</i>	0.65	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.13	
09 91	13 00-0384	SF	2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence.....	2.01	
			<i>For Epoxy Paint, Add</i>	0.26	
			<i>For Up To 100, Add</i>	1.19	
			<i>For &gt;100 To 250, Add</i>	0.57	
			<i>For &gt;250 To 500, Add</i>	0.25	
09 91	13 00-0385	SF	1 Coat Paint, Sprayed, Paint Existing Chain Link Fence.....	0.94	
			<i>For Epoxy Paint, Add</i>	0.15	
			<i>For Electrostatic Painting, Add</i>	0.14	
			<i>For Up To 100, Add</i>	0.51	
			<i>For &gt;100 To 250, Add</i>	0.25	
			<i>For &gt;250 To 500, Add</i>	0.11	
09 91	13 00-0386	SF	2 Coats Paint, Sprayed, Paint Existing Chain Link Fence.....	1.78	
			<i>For Epoxy Paint, Add</i>	0.29	
			<i>For Electrostatic Painting, Add</i>	0.28	
			<i>For Up To 100, Add</i>	0.94	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.20	
09 91	13 00-0387	SF	1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence.....	1.00	
			<i>For Epoxy Paint, Add</i>	0.15	
			<i>For Up To 100, Add</i>	0.55	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.12	
09 91	13 00-0388	SF	1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence.....	0.93	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.54	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
09 91	13 00-0389	SF	Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence.....	0.68	
			<i>For Epoxy Paint, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.35	
			<i>For &gt;100 To 250, Add</i>	0.17	
			<i>For &gt;250 To 500, Add</i>	0.08	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0390 SF 1 Coat Primer, Brush/Roller, Paint Picket Fence .....	1.27	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.83	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
09 91 13 00-0391 SF 1 Coat Paint, Brush/Roller, Paint Picket Fence .....	1.27	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.83	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
09 91 13 00-0392 SF Each Additional Coat, Brush/Roller, Paint Picket Fence .....	0.93	
For Epoxy Paint, Add	0.11	
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
09 91 13 00-0393 SF 1 Coat Paint, Brush/Roller, Paint Wood Fences .....	1.02	
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
09 91 13 00-0394 SF 2 Coats Paint, Brush/Roller, Paint Wood Fences .....	1.86	
For Up To 100, Add	0.97	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
09 91 13 00-0395 SF 1 Coat Paint, Sprayed, Paint Wood Fences .....	0.81	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
09 91 13 00-0396 SF 2 Coats Paint, Sprayed, Paint Wood Fences .....	1.55	
For Up To 100, Add	0.74	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
<b>09 91 13 00-0397 Paint Shutters Or Blinds, Solid Panel (09 91 13 00-0381)</b>		
09 91 13 00-0398 SF 1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel .....	3.81	
09 91 13 00-0399 SF 1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel .....	3.84	
09 91 13 00-0400 SF 2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel .....	6.83	
09 91 13 00-0401 SF 1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel .....	2.35	
09 91 13 00-0402 SF 1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel .....	2.37	
09 91 13 00-0403 SF 2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel .....	4.43	
<b>09 91 13 00-0404 Paint Shutters Or Blinds, Louvered Panel (09 91 13 00-0381)</b>		
09 91 13 00-0405 SF 1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel .....	4.68	
09 91 13 00-0406 SF 1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel .....	4.71	
09 91 13 00-0407 SF 2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel .....	8.38	
09 91 13 00-0408 SF 1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel .....	2.81	
09 91 13 00-0409 SF 1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel .....	2.83	
09 91 13 00-0410 SF 2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel .....	5.28	
<b>09 91 13 00-0411 Paint Flagpoles (09 91 13 00-0381)</b>		
09 91 13 00-0412 EA 1 Coat Paint, 20' High, Paint Steel Flagpole .....	254.06	
09 91 13 00-0413 EA 1 Coat Paint, 30' High, Paint Steel Flagpole .....	343.36	
09 91 13 00-0414 EA 1 Coat Paint, 40' High, Paint Steel Flagpole .....	432.71	
09 91 13 00-0415 EA 1 Coat Paint, 50' High, Paint Steel Flagpole .....	522.07	
09 91 13 00-0416 EA 1 Coat Paint, 70' High, Paint Steel Flagpole .....	684.38	
09 91 13 00-0417 EA 1 Coat Paint, 80' High, Paint Steel Flagpole .....	771.69	
09 91 13 00-0418 EA 1 Coat Paint, 90' High, Paint Steel Flagpole .....	858.99	
<b>09 91 13 00-0419 Paint Lattice Or Trellis (09 91 13 00-0381)</b>		
09 91 13 00-0420 SF 1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis .....	1.83	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
09 91 13 00-0421 SF 2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis .....	3.42	
For Up To 100, Add	2.14	
For >100 To 250, Add	1.02	
For >250 To 500, Add	0.44	
<b>09 91 13 00-0422 Paint Exterior Stairs (09 91 13)</b>		
<b>09 91 13 00-0423 Paint Exterior Concrete Stairs (09 91 13 00-0422)</b>		
09 91 13 00-0424 RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) .....	20.79	
09 91 13 00-0425 RSR 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) .....	20.79	
09 91 13 00-0426 RSR 1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) .....	26.70	
09 91 13 00-0427 RSR 1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) .....	44.51	
09 91 13 00-0428 RSR 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide) .....	41.60	
<b>09 91 13 00-0429 Paint Exterior Metal Stairs (09 91 13 00-0422)</b>		

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0430 RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide).....	10.92	
<i>For Oil Based Paint, Add</i>	0.60	
09 91 13 00-0431 RSR 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide) .....	10.92	
<i>For Oil Based Paint, Add</i>	0.60	
09 91 13 00-0432 RSR 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide).....	21.84	
<i>For Oil Based Paint, Add</i>	1.21	
<b>09 91 13 00-0433 Paint Exterior Wood Stairs</b> <small>(09 91 13 00-0422)</small>		
09 91 13 00-0434 RSR 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide) .....	11.00	
09 91 13 00-0435 RSR 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	11.00	
09 91 13 00-0436 RSR 1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	16.91	
09 91 13 00-0437 RSR 1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	34.72	
09 91 13 00-0438 RSR 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	22.01	
<b>09 91 13 00-0439 Paint Exterior Stair Nosing</b> <small>(09 91 13 00-0422)</small>		
09 91 13 00-0440 LF 1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip.....	2.07	
<b>09 91 13 00-0441 Paint Exterior Trim</b> <small>(09 91 13)</small>		
<b>09 91 13 00-0442 Paint Exterior Metal Trim And Gutters</b> <small>(09 91 13 00-0441)</small>		
09 91 13 00-0443 SF 1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim .....	1.45	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.46	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.63	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0444 SF 1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim .....	1.58	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.19	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.32	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.51	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.70	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0445 SF 2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim .....	2.85	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.34	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.57	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.90	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.24	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0446 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	1.32	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.56	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0447 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim .....	1.44	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.46	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.63	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0448 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim .....	2.57	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.30	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.50	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.79	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.09	
<i>Note: Applied only to work area above 40'.</i>		



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0449 LF 1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout.....	2.27	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.28	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.47	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.75	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.03	
<i>Note: Applied only to work area above 40'.</i>		
09 91 13 00-0450 LF 2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout.....	2.79	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.41	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.68	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.09	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.50	
<i>Note: Applied only to work area above 40'.</i>		
<b>09 91 13 00-0451 Paint Exterior Wood Trim (09 91 13 00-0441)</b>		
09 91 13 00-0452 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Trim .....	2.22	
<i>For Oil Based Paint, Add</i>	0.14	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.40	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.63	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.87	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.28	
<i>For &gt;100 To 250, Add</i>	0.62	
<i>For &gt;250 To 500, Add</i>	0.27	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.22	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.33	
<i>For &gt;20,000, Deduct</i>	-0.44	
09 91 13 00-0453 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Trim .....	2.42	
<i>For Oil Based Paint, Add</i>	0.16	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.26	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.43	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.68	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	0.94	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.39	
<i>For &gt;100 To 250, Add</i>	0.67	
<i>For &gt;250 To 500, Add</i>	0.29	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.24	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.36	
<i>For &gt;20,000, Deduct</i>	-0.48	
09 91 13 00-0454 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Trim .....	4.45	
<i>For Oil Based Paint, Add</i>	0.29	
<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.45	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.76	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.21	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work &gt;40' Above Floor, Add</i>	1.67	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	2.49	
<i>For &gt;100 To 250, Add</i>	1.20	
<i>For &gt;250 To 500, Add</i>	0.53	
<i>For &gt;2,500 To 5,000, Deduct</i>	-0.22	
<i>For &gt;5,000 To 10,000, Deduct</i>	-0.45	
<i>For &gt;10,000 To 20,000, Deduct</i>	-0.67	
<i>For &gt;20,000, Deduct</i>	-0.89	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0455	SF	1	Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim.....	1.82	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.98	
			<i>For &gt;100 To 250, Add</i>	0.48	
			<i>For &gt;250 To 500, Add</i>	0.21	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000, Deduct</i>	-0.36	
09 91 13 00-0456	SF	1	Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	2.03	
			<i>For Oil Based Paint, Add</i>	0.14	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.10	
			<i>For &gt;100 To 250, Add</i>	0.53	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.30	
			<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 13 00-0457	SF	2	Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	3.81	
			<i>For Oil Based Paint, Add</i>	0.26	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.60	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.96	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.31	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.01	
			<i>For &gt;100 To 250, Add</i>	0.98	
			<i>For &gt;250 To 500, Add</i>	0.43	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.19	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.38	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.57	
			<i>For &gt;20,000, Deduct</i>	-0.76	
09 91 13 00-0458	SF	1	Coat Primer, Sprayed, Paint Exterior Wood Trim.....	1.55	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.69	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 13 00-0459	SF	1	Coat Paint, Sprayed, Paint Exterior Wood Trim.....	1.71	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.51	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.40	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.26	
			<i>For &gt;20,000, Deduct</i>	-0.34	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0460 SF 2 Coats Paint, Sprayed, Paint Exterior Wood Trim.....	3.25	
For Oil Based Paint, Add	0.24	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.42	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.50	
For >100 To 250, Add	0.75	
For >250 To 500, Add	0.33	
For >2,500 To 5,000, Deduct	-0.16	
For >5,000 To 10,000, Deduct	-0.33	
For >10,000 To 20,000, Deduct	-0.49	
For >20,000, Deduct	-0.65	
<b>09 91 13 00-0461 Paint Exterior Miscellaneous Metal Surfaces (09 91 13)</b>		
09 91 13 00-0462 SF 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.75	
For Epoxy Paint, Add	0.23	
For Electrostatic Painting, Add	0.24	
09 91 13 00-0463 SF 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces .....	1.59	
For Epoxy Paint, Add	0.17	
For Electrostatic Painting, Add	0.20	
09 91 13 00-0464 SF 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces .....	3.24	
For Epoxy Paint, Add	0.36	
For Electrostatic Painting, Add	0.42	
<b>09 91 23 Interior Painting (09 91)</b>		
Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0321 for additional interior materials.		
<b>09 91 23 00-0001 Paint Interior Walls (09 91 23)</b>		
<b>09 91 23 00-0002 Paint Interior Brick Walls (09 91 23 00-0001)</b>		
09 91 23 00-0003 SF 1 Coat Filler, Brush Work, Paint Interior Brick Walls .....	1.31	
For Oil Based Paint, Add	0.08	
For Textured Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
09 91 23 00-0004 SF 1 Coat Paint, Brush Work, Paint Interior Brick Walls .....	1.52	
For Oil Based Paint, Add	0.09	
For Textured Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.94	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0005	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls.....	2.73	
		For Oil Based Paint, Add	0.17	
		For Textured Paint, Add	0.20	
		For Work >15' To 20' Above Floor, Add	0.31	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.52	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.83	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.14	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.65	
		For >100 To 250, Add	0.79	
		For >250 To 500, Add	0.34	
		For >2,500 To 5,000, Deduct	-0.14	
		For >5,000 To 10,000, Deduct	-0.27	
		For >10,000 To 20,000, Deduct	-0.41	
		For >20,000, Deduct	-0.55	
09 91 23 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls.....	1.08	
		For Oil Based Paint, Add	0.07	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.44	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.64	
		For >100 To 250, Add	0.31	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.22	
09 91 23 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls.....	1.35	
		For Oil Based Paint, Add	0.09	
		For Textured Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.23	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.37	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.51	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.76	
		For >100 To 250, Add	0.37	
		For >250 To 500, Add	0.16	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.27	
09 91 23 00-0008	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls.....	2.34	
		For Oil Based Paint, Add	0.15	
		For Textured Paint, Add	0.19	
		For Work >15' To 20' Above Floor, Add	0.24	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.40	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.64	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.87	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.31	
		For >100 To 250, Add	0.63	
		For >250 To 500, Add	0.28	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000 To 20,000, Deduct	-0.35	
		For >20,000, Deduct	-0.47	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0009	SF 1 Coat Filler, Sprayed, Paint Interior Brick Walls .....	0.94	
	For Oil Based Paint, Add	0.06	
	For Textured Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.25	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0010	SF 1 Coat Paint, Sprayed, Paint Interior Brick Walls .....	1.07	
	For Oil Based Paint, Add	0.08	
	For Textured Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.33	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.52	
	For >100 To 250, Add	0.26	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0011	SF 2 Coats Paint, Sprayed, Paint Interior Brick Walls .....	1.84	
	For Oil Based Paint, Add	0.13	
	For Textured Paint, Add	0.17	
	For Work >15' To 20' Above Floor, Add	0.16	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.42	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.57	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.90	
	For >100 To 250, Add	0.44	
	For >250 To 500, Add	0.20	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.28	
	For >20,000, Deduct	-0.37	
09 91 23 00-0012	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls .....	1.36	
	For Textured Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.41	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.57	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.82	
	For >100 To 250, Add	0.39	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.27	
09 91 23 00-0013	SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls .....	1.13	
	For Textured Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.44	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0014	SF	1	Coat Bonding Agent, Sprayed, Paint Interior Brick Walls.....	1.00	
			For Textured Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0015	LF	1	Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls.....	0.25	
			For Textured Paint, Add	0.02	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.16	
			For >100 To 250, Add	0.08	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 20,000, Deduct	-0.04	
			For >20,000, Deduct	-0.05	
09 91 23 00-0016			Paint Interior Concrete Walls (09 91 23 00-0001)		
09 91 23 00-0017	SF	1	Coat Filler, Brush Work, Paint Interior Concrete Walls .....	1.11	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.12	
			For Textured Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	
09 91 23 00-0018	SF	1	Coat Paint, Brush Work, Paint Interior Concrete Walls .....	1.20	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.12	
			For Textured Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.79	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0019 SF 2 Coats Paint, Brush Work, Paint Interior Concrete Walls .....	2.15	
For Oil Based Paint, Add	0.12	
For Epoxy Paint, Add	0.18	
For Textured Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.29	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.48	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.76	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.05	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.46	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 91 23 00-0020 SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls .....	0.91	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.11	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0021 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls .....	1.02	
For Oil Based Paint, Add	0.06	
For Epoxy Paint, Add	0.11	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0022 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls .....	1.87	
For Oil Based Paint, Add	0.11	
For Epoxy Paint, Add	0.21	
For Textured Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.37	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.60	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.82	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.17	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	

**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0023	SF 1 Coat Filler, Sprayed, Paint Interior Concrete Walls.....	0.76	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.12	
	For Textured Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.19	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.26	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.40	
	For >100 To 250, Add	0.20	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 23 00-0024	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Walls .....	0.84	
	For Oil Based Paint, Add	0.05	
	For Epoxy Paint, Add	0.11	
	For Textured Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.09	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.15	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.24	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.34	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.49	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.10	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.13	
	For >20,000, Deduct	-0.17	
09 91 23 00-0025	SF 2 Coats Paint, Sprayed, Paint Interior Concrete Walls .....	1.39	
	For Oil Based Paint, Add	0.09	
	For Epoxy Paint, Add	0.21	
	For Textured Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.14	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.23	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.37	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.51	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.76	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.28	
09 91 23 00-0026	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls.....	1.16	
	For Textured Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.70	
	For >100 To 250, Add	0.34	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.23	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0027 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls .....	0.96	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0028 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls.....	0.81	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0029 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls .....	0.20	
For Textured Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	
<b>09 91 23 00-0030 Paint Interior Concrete Block Walls (09 91 23 00-0001)</b>		
<b>09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0030)</b>		
09 91 23 00-0032 SF 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.57	
For Textured Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.46	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.63	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.93	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.31	



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0033	SF 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls .....	1.80	
	For Textured Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.21	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.35	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.55	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.76	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.10	
	For >100 To 250, Add	0.53	
	For >250 To 500, Add	0.23	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.36	
09 91 23 00-0034	SF 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls.....	3.23	
	For Textured Paint, Add	0.25	
	For Work >15' To 20' Above Floor, Add	0.36	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.60	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.96	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.31	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.92	
	For >100 To 250, Add	0.92	
	For >250 To 500, Add	0.40	
	For >2,500 To 5,000, Deduct	-0.16	
	For >5,000 To 10,000, Deduct	-0.32	
	For >10,000 To 20,000, Deduct	-0.48	
	For >20,000, Deduct	-0.65	
09 91 23 00-0035	SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.30	
	For Textured Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.72	
	For >100 To 250, Add	0.35	
	For >250 To 500, Add	0.15	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.20	
	For >20,000, Deduct	-0.26	
09 91 23 00-0036	SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.43	
	For Textured Paint, Add	0.11	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.56	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.82	
	For >100 To 250, Add	0.40	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.29	
09 91 23 00-0037	SF 2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	2.70	
	For Textured Paint, Add	0.22	
	For Work >15' To 20' Above Floor, Add	0.28	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.47	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.74	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.02	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.52	
	For >100 To 250, Add	0.74	
	For >250 To 500, Add	0.32	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.27	
	For >10,000 To 20,000, Deduct	-0.41	
	For >20,000, Deduct	-0.54	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

09

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0038 SF 1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls.....	1.07	
For Textured Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0039 SF 1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.28	
For Textured Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.42	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.26	
09 91 23 00-0040 SF 2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls.....	2.35	
For Textured Paint, Add	0.23	
For Work >15' To 20' Above Floor, Add	0.19	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.32	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.51	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.70	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.11	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.47	
09 91 23 00-0041 LF 1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.64	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.12	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.12	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	

09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0030)



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

09 91 23 00-0043	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.43	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Textured Paint, Add</i>	0.10	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.46	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.63	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.90	
		<i>For &gt;100 To 250, Add</i>	0.43	
		<i>For &gt;250 To 500, Add</i>	0.19	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
		<i>For &gt;20,000, Deduct</i>	-0.29	
09 91 23 00-0044	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls .....	1.71	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Textured Paint, Add</i>	0.12	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.73	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.05	
		<i>For &gt;100 To 250, Add</i>	0.50	
		<i>For &gt;250 To 500, Add</i>	0.22	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.26	
		<i>For &gt;20,000, Deduct</i>	-0.34	
09 91 23 00-0045	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls .....	3.11	
		<i>For Oil Based Paint, Add</i>	0.19	
		<i>For Textured Paint, Add</i>	0.23	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.59	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.94	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	1.30	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.88	
		<i>For &gt;100 To 250, Add</i>	0.90	
		<i>For &gt;250 To 500, Add</i>	0.39	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.16	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.31	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.47	
		<i>For &gt;20,000, Deduct</i>	-0.62	
09 91 23 00-0046	SF	1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls .....	1.90	
		<i>For Oil Based Paint, Add</i>	0.12	
		<i>For Textured Paint, Add</i>	0.14	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.59	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.81	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.17	
		<i>For &gt;100 To 250, Add</i>	0.56	
		<i>For &gt;250 To 500, Add</i>	0.24	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.29	
		<i>For &gt;20,000, Deduct</i>	-0.38	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0047 SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.22	
For Oil Based Paint, Add	0.08	
For Textured Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0048 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.46	
For Oil Based Paint, Add	0.09	
For Textured Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.43	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.59	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.87	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	
09 91 23 00-0049 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	2.61	
For Oil Based Paint, Add	0.17	
For Textured Paint, Add	0.21	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.02	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.51	
For >100 To 250, Add	0.73	
For >250 To 500, Add	0.32	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.39	
For >20,000, Deduct	-0.52	
09 91 23 00-0050 SF 1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.62	
For Oil Based Paint, Add	0.10	
For Textured Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.66	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.32	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0051	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls.....	1.07	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Textured Paint, Add</i>	0.09	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.38	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.57	
		<i>For &gt;100 To 250, Add</i>	0.28	
		<i>For &gt;250 To 500, Add</i>	0.12	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
		<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0052	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.23	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Textured Paint, Add</i>	0.11	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.42	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.64	
		<i>For &gt;100 To 250, Add</i>	0.31	
		<i>For &gt;250 To 500, Add</i>	0.14	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
		<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 23 00-0053	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	2.04	
		<i>For Oil Based Paint, Add</i>	0.15	
		<i>For Textured Paint, Add</i>	0.19	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.46	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.63	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.00	
		<i>For &gt;100 To 250, Add</i>	0.49	
		<i>For &gt;250 To 500, Add</i>	0.22	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
		<i>For &gt;20,000, Deduct</i>	-0.41	
09 91 23 00-0054	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.43	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Textured Paint, Add</i>	0.13	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.74	
		<i>For &gt;100 To 250, Add</i>	0.36	
		<i>For &gt;250 To 500, Add</i>	0.16	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
		<i>For &gt;20,000, Deduct</i>	-0.29	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0055 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.28	
For Oil Based Paint, Add	0.02	
For Textured Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.12	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.06	
<b>09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent (09 91 23 00-0030)</b>		
09 91 23 00-0057 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls.....	1.48	
For Textured Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.46	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.63	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.91	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.30	
09 91 23 00-0058 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls .....	1.27	
For Textured Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.38	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.52	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0059 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls .....	1.13	
For Textured Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.58	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0060 Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)		
09 91 23 00-0061 Paint Interior Plaster/Drywall Walls (09 91 23 00-0060)		



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0062	SF	1 Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls .....	1.16	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.16	
		For Epoxy Paint, Add	0.13	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.23	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.37	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.51	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.73	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.23	
09 91 23 00-0063	SF	1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls .....	1.22	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.17	
		For Epoxy Paint, Add	0.12	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.41	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.57	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.80	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.16	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.18	
		For >20,000, Deduct	-0.24	
09 91 23 00-0064	SF	2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls .....	2.24	
		For Oil Based Paint, Add	0.13	
		For Orange Peel Finish, Add	0.31	
		For Epoxy Paint, Add	0.23	
		For Textured Paint, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.28	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.47	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.74	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.02	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.45	
		For >100 To 250, Add	0.69	
		For >250 To 500, Add	0.30	
		For >2,500 To 5,000, Deduct	-0.11	
		For >5,000 To 10,000, Deduct	-0.22	
		For >10,000 To 20,000, Deduct	-0.34	
		For >20,000, Deduct	-0.45	
09 91 23 00-0065	SF	3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls .....	3.19	
		For Oil Based Paint, Add	0.19	
		For Orange Peel Finish, Add	0.44	
		For Epoxy Paint, Add	0.33	
		For Textured Paint, Add	0.22	
		For Work >15' To 20' Above Floor, Add	0.39	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.66	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.05	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.45	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	2.06	
		For >100 To 250, Add	0.98	
		For >250 To 500, Add	0.42	
		For >2,500 To 5,000, Deduct	-0.16	
		For >5,000 To 10,000, Deduct	-0.32	
		For >10,000 To 20,000, Deduct	-0.48	
		For >20,000, Deduct	-0.64	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0066	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.93	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Orange Peel Finish, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Textured Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0067	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls .....	1.05	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Orange Peel Finish, Add</i>	0.14	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Textured Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.46	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.66	
			<i>For &gt;100 To 250, Add</i>	0.32	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0068	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls .....	1.88	
			<i>For Oil Based Paint, Add</i>	0.12	
			<i>For Orange Peel Finish, Add</i>	0.25	
			<i>For Epoxy Paint, Add</i>	0.22	
			<i>For Textured Paint, Add</i>	0.14	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.58	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.80	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.16	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.28	
			<i>For &gt;20,000, Deduct</i>	-0.38	
09 91 23 00-0069	SF	1	Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls .....	0.79	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Textured Paint, Add</i>	0.07	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.42	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0070	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls .....	0.84	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Epoxy Paint, Add</i>	0.11	
		<i>For Textured Paint, Add</i>	0.07	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.34	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.49	
		<i>For &gt;100 To 250, Add</i>	0.24	
		<i>For &gt;250 To 500, Add</i>	0.10	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.13	
		<i>For &gt;20,000, Deduct</i>	-0.17	
09 91 23 00-0071	SF	2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls .....	1.39	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Epoxy Paint, Add</i>	0.21	
		<i>For Textured Paint, Add</i>	0.12	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.37	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.51	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.76	
		<i>For &gt;100 To 250, Add</i>	0.37	
		<i>For &gt;250 To 500, Add</i>	0.16	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
		<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0072	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls .....	0.20	
		<i>For Oil Based Paint, Add</i>	0.01	
		<i>For Textured Paint, Add</i>	0.01	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.03	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.13	
		<i>For &gt;100 To 250, Add</i>	0.06	
		<i>For &gt;250 To 500, Add</i>	0.03	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
		<i>For &gt;20,000, Deduct</i>	-0.04	

**09 91 23 00-0073 Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint**
(09 91 23 00-0060)

09 91 23 00-0074	SF	2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls.....	2.49	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.43	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.59	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.02	
		<i>For &gt;100 To 250, Add</i>	0.52	
		<i>For &gt;250 To 500, Add</i>	0.23	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.25	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.37	
		<i>For &gt;20,000, Deduct</i>	-0.50	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0075	SF		3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls .....	2.72	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.06	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.27	
			For >10,000 To 20,000, Deduct	-0.41	
			For >20,000, Deduct	-0.54	
09 91 23 00-0076	SF		4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls .....	2.96	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.09	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.15	
			For >5,000 To 10,000, Deduct	-0.30	
			For >10,000 To 20,000, Deduct	-0.44	
			For >20,000, Deduct	-0.59	
09 91 23 00-0077			<b>Paint Interior Plaster/Drywall Walls, Acoustic Texture</b> (09 91 23 00-0060)		
09 91 23 00-0078	SF		1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	0.99	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.51	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0079	SF		1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	1.15	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.42	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0080	SF		2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls .....	1.82	
			For Work >15' To 20' Above Floor, Add	0.16	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.27	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.43	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.59	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.92	
			For >100 To 250, Add	0.45	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0081	SF		Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls.....	1.85	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.43	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.68	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.94	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.30	
			<i>For &gt;100 To 250, Add</i>	0.61	
			<i>For &gt;250 To 500, Add</i>	0.26	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.19	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.28	
			<i>For &gt;20,000, Deduct</i>	-0.37	
09 91 23 00-0082			<b>Paint Interior Metal Walls</b> (09 91 23 00-0001)		
09 91 23 00-0083			<b>Paint Interior Galvanized Walls</b> (09 91 23 00-0082)		
			Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0084	SF		1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.49	
			<i>For Electrostatic Painting, Add</i>	0.22	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.84	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
			<i>For &gt;20,000, Deduct</i>	-0.30	
09 91 23 00-0085	SF		1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.64	
			<i>For Electrostatic Painting, Add</i>	0.23	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.95	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
			<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 23 00-0086	SF		2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	2.98	
			<i>For Electrostatic Painting, Add</i>	0.44	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.82	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.13	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.68	
			<i>For &gt;100 To 250, Add</i>	0.81	
			<i>For &gt;250 To 500, Add</i>	0.36	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
			<i>For &gt;20,000, Deduct</i>	-0.60	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

09

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0087 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls.....	1.12	
For Electrostatic Painting, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.61	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 23 00-0088 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall.....	1.29	
For Electrostatic Painting, Add	0.19	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.26	
09 91 23 00-0089 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls.....	2.41	
For Electrostatic Painting, Add	0.36	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.65	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.89	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.33	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.28	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.36	
For >20,000, Deduct	-0.48	
09 91 23 00-0090 SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Walls.....	0.96	
For Electrostatic Painting, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.11	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.17	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.24	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0091 SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Walls.....	1.22	
For Electrostatic Painting, Add	0.20	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0092	SF 2 Coats Paint, Sprayed, Paint Interior Galvanized Walls .....	2.08	
	<i>For Electrostatic Painting, Add</i>	0.37	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.56	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.92	
	<i>For &gt;100 To 250, Add</i>	0.46	
	<i>For &gt;250 To 500, Add</i>	0.21	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.10	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.31	
	<i>For &gt;20,000, Deduct</i>	-0.42	
09 91 23 00-0093	Paint Interior Aluminum And Aluminum Alloy Walls <small>(09 91 23 00-0092)</small>		
	<i>Note: Alkyd enamel paint.</i>		
09 91 23 00-0094	SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces .....	1.49	
	<i>For Electrostatic Painting, Add</i>	0.22	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.57	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.84	
	<i>For &gt;100 To 250, Add</i>	0.41	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.22	
	<i>For &gt;20,000, Deduct</i>	-0.30	
09 91 23 00-0095	SF 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces .....	1.64	
	<i>For Electrostatic Painting, Add</i>	0.23	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.65	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.95	
	<i>For &gt;100 To 250, Add</i>	0.46	
	<i>For &gt;250 To 500, Add</i>	0.20	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
	<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 23 00-0096	SF 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces .....	2.97	
	<i>For Electrostatic Painting, Add</i>	0.43	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.31	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.52	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.82	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.13	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.68	
	<i>For &gt;100 To 250, Add</i>	0.81	
	<i>For &gt;250 To 500, Add</i>	0.35	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
	<i>For &gt;20,000, Deduct</i>	-0.59	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0097	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	1.27	
			<i>For Electrostatic Painting, Add</i>	0.21	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 250, Add</i>	0.31	
			<i>For &gt;250 To 500, Add</i>	0.14	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 23 00-0098	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls .....	1.42	
			<i>For Electrostatic Painting, Add</i>	0.22	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.49	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 250, Add</i>	0.36	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0099	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls .....	2.68	
			<i>For Electrostatic Painting, Add</i>	0.43	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.65	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.89	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.37	
			<i>For &gt;100 To 250, Add</i>	0.67	
			<i>For &gt;250 To 500, Add</i>	0.30	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.27	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.40	
			<i>For &gt;20,000, Deduct</i>	-0.54	
09 91 23 00-0100	SF	1	Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls .....	1.04	
			<i>For Electrostatic Painting, Add</i>	0.18	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.46	
			<i>For &gt;100 To 250, Add</i>	0.23	
			<i>For &gt;250 To 500, Add</i>	0.10	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0101	SF	1	Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls .....	1.22	
			<i>For Electrostatic Painting, Add</i>	0.20	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.24	

09	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 91 Painting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0102 SF 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls .....	2.08	
For Electrostatic Painting, Add	0.37	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.42	
<b>09 91 23 00-0103 Paint Interior Corrugated Metal Walls (09 91 23 00-0082)</b>		
09 91 23 00-0104 SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls .....	1.18	
For Electrostatic Painting, Add	0.21	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.23	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0105 SF 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls .....	1.52	
For Electrostatic Painting, Add	0.24	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.77	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 23 00-0106 SF 2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls .....	2.57	
For Electrostatic Painting, Add	0.44	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.34	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.54	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.75	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.20	
For >100 To 250, Add	0.60	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.39	
For >20,000, Deduct	-0.51	
<b>09 91 23 00-0107 Paint Interior Stucco Walls (09 91 23 00-0001)</b>		



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0108 SF 1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces.....	1.90	
For Oil Based Paint, Add	0.11	
For Textured Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.65	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.89	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.26	
For >100 To 250, Add	0.60	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000, Deduct	-0.38	
09 91 23 00-0109 SF 1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces .....	2.10	
For Oil Based Paint, Add	0.12	
For Textured Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.27	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.44	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.71	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.97	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.38	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.28	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.42	
09 91 23 00-0110 SF 2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces .....	3.72	
For Oil Based Paint, Add	0.22	
For Textured Paint, Add	0.25	
For Work >15' To 20' Above Floor, Add	0.46	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.77	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	1.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	2.39	
For >100 To 250, Add	1.14	
For >250 To 500, Add	0.49	
For >2,500 To 5,000, Deduct	-0.19	
For >5,000 To 10,000, Deduct	-0.37	
For >10,000 To 20,000, Deduct	-0.56	
For >20,000, Deduct	-0.74	
09 91 23 00-0111 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces .....	1.45	
For Oil Based Paint, Add	0.09	
For Textured Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.64	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.29	



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0112	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.65	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Textured Paint, Add</i>	0.12	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.73	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.04	
		<i>For &gt;100 To 250, Add</i>	0.50	
		<i>For &gt;250 To 500, Add</i>	0.21	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.17	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
		<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 23 00-0113	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	3.03	
		<i>For Oil Based Paint, Add</i>	0.18	
		<i>For Textured Paint, Add</i>	0.22	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.59	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.95	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	1.30	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.88	
		<i>For &gt;100 To 250, Add</i>	0.90	
		<i>For &gt;250 To 500, Add</i>	0.39	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
		<i>For &gt;20,000, Deduct</i>	-0.61	
09 91 23 00-0114	SF	1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces.....	1.05	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Textured Paint, Add</i>	0.09	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.59	
		<i>For &gt;100 To 250, Add</i>	0.29	
		<i>For &gt;250 To 500, Add</i>	0.12	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
		<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0115	SF	1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	1.28	
		<i>For Oil Based Paint, Add</i>	0.09	
		<i>For Textured Paint, Add</i>	0.11	
		<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.34	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work &gt;40' Above Floor, Add</i>	0.47	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.71	
		<i>For &gt;100 To 250, Add</i>	0.34	
		<i>For &gt;250 To 500, Add</i>	0.15	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
		<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
		<i>For &gt;20,000, Deduct</i>	-0.26	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0116 SF 2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	2.47	
For Oil Based Paint, Add	0.16	
For Textured Paint, Add	0.20	
For Work >15' To 20' Above Floor, Add	0.26	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.43	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.69	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.95	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.40	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.25	
For >10,000 To 20,000, Deduct	-0.37	
For >20,000, Deduct	-0.49	
09 91 23 00-0117 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces.....	0.34	
For Oil Based Paint, Add	0.02	
For Textured Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.07	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.12	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.23	
For >100 To 250, Add	0.11	
For >250 To 500, Add	0.05	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
<b>09 91 23 00-0118 Paint Interior Wood Walls (09 91 23 00-0001)</b>		
<b>09 91 23 00-0119 Interior Wood Walls (09 91 23 00-0118)</b>		
09 91 23 00-0120 SF 1 Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.42	
For Oil Based Paint, Add	0.08	
For Textured Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.93	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0121 SF 2 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	2.62	
For Oil Based Paint, Add	0.15	
For Textured Paint, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.32	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.54	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.86	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.18	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.68	
For >100 To 250, Add	0.80	
For >250 To 500, Add	0.35	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.39	
For >20,000, Deduct	-0.52	



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0122	SF	3 Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces .....	3.74	
		For Oil Based Paint, Add	0.22	
		For Textured Paint, Add	0.26	
		For Work >15' To 20' Above Floor, Add	0.46	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.76	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	1.22	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.67	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	2.39	
		For >100 To 250, Add	1.13	
		For >250 To 500, Add	0.49	
		For >2,500 To 5,000, Deduct	-0.19	
		For >5,000 To 10,000, Deduct	-0.37	
		For >10,000 To 20,000, Deduct	-0.56	
		For >20,000, Deduct	-0.75	
09 91 23 00-0123	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Walls .....	1.02	
		For Oil Based Paint, Add	0.06	
		For Textured Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.12	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.20	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.32	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.43	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.63	
		For >100 To 250, Add	0.30	
		For >250 To 500, Add	0.13	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 23 00-0124	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Walls .....	1.16	
		For Oil Based Paint, Add	0.07	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.14	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.23	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.37	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.51	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.73	
		For >100 To 250, Add	0.35	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.23	
09 91 23 00-0125	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls .....	2.07	
		For Oil Based Paint, Add	0.13	
		For Textured Paint, Add	0.15	
		For Work >15' To 20' Above Floor, Add	0.24	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.40	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.64	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.88	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.27	
		For >100 To 250, Add	0.61	
		For >250 To 500, Add	0.26	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.21	
		For >10,000 To 20,000, Deduct	-0.31	
		For >20,000, Deduct	-0.41	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0126 SF 1 Coat Primer, Sprayed, Paint Interior Wood Walls.....	0.75	
For Oil Based Paint, Add	0.05	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.39	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0127 SF 1 Coat Paint, Sprayed, Paint Interior Wood Walls .....	0.96	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.35	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0128 SF 2 Coats Paint, Sprayed, Paint Interior Wood Walls.....	1.74	
For Oil Based Paint, Add	0.12	
For Textured Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.43	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.59	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.91	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 23 00-0129 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces .....	0.24	
For Oil Based Paint, Add	0.01	
For Textured Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.11	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	

- 09 91 23 00-0130 Paint Interior Ceilings (09 91 23)
  - 09 91 23 00-0131 Paint Interior Acoustical Ceilings (09 91 23 00-0130)
- Note: Includes grid.



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0132	SF	1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling.....	1.26	
		For Oil Based Paint, Add	0.07	
		For Textured Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.41	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.57	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.81	
		For >100 To 250, Add	0.38	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000, Deduct	-0.25	
09 91 23 00-0133	SF	1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling.....	1.37	
		For Oil Based Paint, Add	0.08	
		For Textured Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.18	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.30	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.47	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.65	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.91	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
09 91 23 00-0134	SF	2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling.....	2.45	
		For Oil Based Paint, Add	0.14	
		For Textured Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.31	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.52	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.83	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.14	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.61	
		For >100 To 250, Add	0.76	
		For >250 To 500, Add	0.33	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.25	
		For >10,000 To 20,000, Deduct	-0.37	
		For >20,000, Deduct	-0.49	
09 91 23 00-0135	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.09	
		For Oil Based Paint, Add	0.07	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.22	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.47	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.68	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.22	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0136 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.07	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0137 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	2.00	
For Oil Based Paint, Add	0.12	
For Textured Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.65	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.89	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.27	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	
09 91 23 00-0138 SF 1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling.....	0.95	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0139 SF 1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling.....	0.92	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0140	SF 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling .....	1.50	
	For Oil Based Paint, Add	0.10	
	For Textured Paint, Add	0.12	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.41	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.57	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.84	
	For >100 To 250, Add	0.41	
	For >250 To 500, Add	0.18	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.15	
	For >10,000 To 20,000, Deduct	-0.23	
	For >20,000, Deduct	-0.30	
09 91 23 00-0141	LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling .....	0.41	
	For Oil Based Paint, Add	0.03	
	For Textured Paint, Add	0.04	
	For Work >15' To 20' Above Floor, Add	0.03	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.06	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.09	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.12	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.19	
	For >100 To 250, Add	0.10	
	For >250 To 500, Add	0.04	
	For >2,500 To 5,000, Deduct	-0.02	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000 To 20,000, Deduct	-0.06	
	For >20,000, Deduct	-0.08	
09 91 23 00-0142	Paint Interior Concrete Ceilings (09 91 23 00-0130)		
09 91 23 00-0143	SF 1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling .....	1.26	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.13	
	For Textured Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.26	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.41	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.57	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.81	
	For >100 To 250, Add	0.38	
	For >250 To 500, Add	0.17	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.13	
	For >10,000 To 20,000, Deduct	-0.19	
	For >20,000, Deduct	-0.25	
09 91 23 00-0144	SF 1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling.....	1.37	
	For Oil Based Paint, Add	0.08	
	For Epoxy Paint, Add	0.13	
	For Textured Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.18	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.30	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.47	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.65	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.91	
	For >100 To 250, Add	0.43	
	For >250 To 500, Add	0.19	
	For >2,500 To 5,000, Deduct	-0.07	
	For >5,000 To 10,000, Deduct	-0.14	
	For >10,000 To 20,000, Deduct	-0.21	
	For >20,000, Deduct	-0.27	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0145	SF		2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling.....	2.44	
			For Oil Based Paint, Add	0.14	
			For Epoxy Paint, Add	0.24	
			For Textured Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.31	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.52	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.82	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.13	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.60	
			For >100 To 250, Add	0.76	
			For >250 To 500, Add	0.33	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.24	
			For >10,000 To 20,000, Deduct	-0.37	
			For >20,000, Deduct	-0.49	
09 91 23 00-0146	SF		1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.97	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.12	
			For Textured Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.19	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.30	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.41	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.19	
09 91 23 00-0147	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	1.07	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.11	
			For Textured Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0148	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	2.01	
			For Oil Based Paint, Add	0.12	
			For Epoxy Paint, Add	0.21	
			For Textured Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.41	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.65	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.90	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.28	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	



## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0149	SF	1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling.....	0.91	
		For Oil Based Paint, Add	0.06	
		For Epoxy Paint, Add	0.13	
		For Textured Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.09	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.16	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.25	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.35	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.51	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.18	
09 91 23 00-0150	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling.....	0.92	
		For Oil Based Paint, Add	0.06	
		For Epoxy Paint, Add	0.12	
		For Textured Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.38	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.55	
		For >100 To 250, Add	0.26	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.14	
		For >20,000, Deduct	-0.18	
09 91 23 00-0151	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling.....	1.49	
		For Oil Based Paint, Add	0.10	
		For Epoxy Paint, Add	0.22	
		For Textured Paint, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.41	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.56	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.84	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.30	
09 91 23 00-0152	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling.....	1.31	
		For Textured Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.41	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.57	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.81	
		For >100 To 250, Add	0.39	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.13	
		For >10,000 To 20,000, Deduct	-0.20	
		For >20,000, Deduct	-0.26	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0153 SF 1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling .....	1.02	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0154 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling.....	0.96	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.35	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0155 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling .....	0.23	
For Textured Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.11	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.15	
For >100 To 250, Add	0.07	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.05	
<b>09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0130)</b> .....	<b>1.26</b>	
09 91 23 00-0157 SF 1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling .....	1.26	
For Epoxy Paint, Add	0.13	
For Oil Based Paint, Add	0.07	
For Orange Peel Finish, Add	0.17	
For Textured Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.81	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

09 91 23 00-0158	SF	1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling .....	1.37	
		For Epoxy Paint, Add	0.13	
		For Oil Based Paint, Add	0.08	
		For Orange Peel Finish, Add	0.19	
		For Textured Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.18	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.30	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.47	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.65	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.91	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.27	
09 91 23 00-0159	SF	2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling .....	2.45	
		For Epoxy Paint, Add	0.24	
		For Oil Based Paint, Add	0.14	
		For Orange Peel Finish, Add	0.34	
		For Textured Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.31	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.52	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.83	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.14	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.61	
		For >100 To 250, Add	0.76	
		For >250 To 500, Add	0.33	
		For >2,500 To 5,000, Deduct	-0.12	
		For >5,000 To 10,000, Deduct	-0.25	
		For >10,000 To 20,000, Deduct	-0.37	
		For >20,000, Deduct	-0.49	
09 91 23 00-0160	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling .....	1.09	
		For Epoxy Paint, Add	0.12	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.15	
		For Textured Paint, Add	0.08	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.22	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.34	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.47	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.68	
		For >100 To 250, Add	0.32	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.22	
09 91 23 00-0161	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling .....	1.07	
		For Epoxy Paint, Add	0.11	
		For Oil Based Paint, Add	0.06	
		For Orange Peel Finish, Add	0.15	
		For Textured Paint, Add	0.07	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.22	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.35	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.48	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.69	
		For >100 To 250, Add	0.33	
		For >250 To 500, Add	0.14	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.11	
		For >10,000 To 20,000, Deduct	-0.16	
		For >20,000, Deduct	-0.21	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0162 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling .....	2.00	
For Epoxy Paint, Add	0.21	
For Oil Based Paint, Add	0.12	
For Orange Peel Finish, Add	0.28	
For Textured Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.41	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.65	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.89	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.27	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	
09 91 23 00-0163 SF 1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	0.95	
For Epoxy Paint, Add	0.13	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0164 SF 1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	0.92	
For Epoxy Paint, Add	0.12	
For Oil Based Paint, Add	0.06	
For Textured Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0165 SF 2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling .....	1.50	
For Epoxy Paint, Add	0.22	
For Oil Based Paint, Add	0.10	
For Textured Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.84	
For >100 To 250, Add	0.41	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0166	LF		1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling.....	0.23	
			For Epoxy Paint, Add	0.02	
			For Textured Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.15	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.05	
09 91 23 00-0167			Paint Interior Metal Ceilings (09 91 23 00-0130)		
09 91 23 00-0168			Galvanized Surfaces, Galvanized Primer (09 91 23 00-0167)		
			Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0169	SF		1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling.....	1.64	
			For Electrostatic Painting, Add	0.23	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.47	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.65	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.95	
			For >100 To 250, Add	0.46	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	
09 91 23 00-0170	SF		1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling.....	1.79	
			For Electrostatic Painting, Add	0.25	
			For Work >15' To 20' Above Floor, Add	0.20	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.33	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.53	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.73	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.07	
			For >100 To 250, Add	0.51	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.27	
			For >20,000, Deduct	-0.36	
09 91 23 00-0171	SF		2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling.....	3.27	
			For Electrostatic Painting, Add	0.46	
			For Work >15' To 20' Above Floor, Add	0.35	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.59	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.94	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.91	
			For >100 To 250, Add	0.92	
			For >250 To 500, Add	0.40	
			For >2,500 To 5,000, Deduct	-0.16	
			For >5,000 To 10,000, Deduct	-0.33	
			For >10,000 To 20,000, Deduct	-0.49	
			For >20,000, Deduct	-0.65	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0172 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	1.27	
For Electrostatic Painting, Add	0.18	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0173 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	1.41	
For Electrostatic Painting, Add	0.20	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.41	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.57	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.83	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0174 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling .....	2.61	
For Electrostatic Painting, Add	0.37	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.47	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.02	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.51	
For >100 To 250, Add	0.73	
For >250 To 500, Add	0.32	
For >2,500 To 5,000, Deduct	-0.13	
For >5,000 To 10,000, Deduct	-0.26	
For >10,000 To 20,000, Deduct	-0.39	
For >20,000, Deduct	-0.52	
09 91 23 00-0175 SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling .....	1.22	
For Electrostatic Painting, Add	0.20	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0176 SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.38	
For Electrostatic Painting, Add	0.22	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0177	SF 2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling.....	2.26	
	<i>For Electrostatic Painting, Add</i>	0.39	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.48	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.66	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.06	
	<i>For &gt;100 To 250, Add</i>	0.53	
	<i>For &gt;250 To 500, Add</i>	0.23	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.34	
	<i>For &gt;20,000, Deduct</i>	-0.45	
<b>09 91 23 00-0178</b>	<b>Aluminum And Aluminum Alloy Surface Pretreatment Primer</b> (09 91 23 00-0167)		
	<i>Note: Alkyd enamel paint.</i>		
09 91 23 00-0179	SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.64	
	<i>For Electrostatic Painting, Add</i>	0.23	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.47	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.65	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.95	
	<i>For &gt;100 To 250, Add</i>	0.46	
	<i>For &gt;250 To 500, Add</i>	0.20	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.25	
	<i>For &gt;20,000, Deduct</i>	-0.33	
09 91 23 00-0180	SF 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.79	
	<i>For Electrostatic Painting, Add</i>	0.25	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.73	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.07	
	<i>For &gt;100 To 250, Add</i>	0.51	
	<i>For &gt;250 To 500, Add</i>	0.22	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
	<i>For &gt;20,000, Deduct</i>	-0.36	
09 91 23 00-0181	SF 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	3.27	
	<i>For Electrostatic Painting, Add</i>	0.46	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.35	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.59	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.94	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.30	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.91	
	<i>For &gt;100 To 250, Add</i>	0.92	
	<i>For &gt;250 To 500, Add</i>	0.40	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.16	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.33	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.49	
	<i>For &gt;20,000, Deduct</i>	-0.65	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0182	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.42	
			<i>For Electrostatic Painting, Add</i>	0.22	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.49	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.75	
			<i>For &gt;100 To 250, Add</i>	0.36	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0183	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.56	
			<i>For Electrostatic Painting, Add</i>	0.24	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.85	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 23 00-0184	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	2.96	
			<i>For Electrostatic Painting, Add</i>	0.46	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.76	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.05	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.58	
			<i>For &gt;100 To 250, Add</i>	0.77	
			<i>For &gt;250 To 500, Add</i>	0.34	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.44	
			<i>For &gt;20,000, Deduct</i>	-0.59	
09 91 23 00-0185	SF	1	Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.22	
			<i>For Electrostatic Painting, Add</i>	0.20	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.24	
09 91 23 00-0186	SF	1	Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	1.38	
			<i>For Electrostatic Painting, Add</i>	0.22	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.34	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	

<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting and Coating</b>
	<b>09 91</b>	<b>Painting</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0187 SF 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling.....	2.26	
For Electrostatic Painting, Add	0.39	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.66	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.06	
For >100 To 250, Add	0.53	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.45	
<b>09 91 23 00-0188 Paint Interior Ceiling Tile Grid (09 91 23 00-0167)</b>		
Note: Grid only.		
09 91 23 00-0189 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid.....	0.34	
For Electrostatic Painting, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.07	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.11	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.15	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.05	
For >20,000, Deduct	-0.07	
09 91 23 00-0190 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid.....	0.69	
For Electrostatic Painting, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
<b>09 91 23 00-0191 Paint Interior Corrugated Metal Ceilings (09 91 23 00-0167)</b>		
09 91 23 00-0192 SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.61	
For Electrostatic Painting, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.79	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.32	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0193	SF		1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.83	
			<i>For Electrostatic Painting, Add</i>	0.29	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.45	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.62	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.95	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.27	
			<i>For &gt;20,000, Deduct</i>	-0.37	
09 91 23 00-0194	SF		2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	3.00	
			<i>For Electrostatic Painting, Add</i>	0.51	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.64	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.88	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.41	
			<i>For &gt;100 To 250, Add</i>	0.70	
			<i>For &gt;250 To 500, Add</i>	0.31	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.30	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.45	
			<i>For &gt;20,000, Deduct</i>	-0.60	
09 91 23 00-0195			Paint Interior Wood Ceilings (09 91 23 00-0130)		
09 91 23 00-0196			Paint Interior Smooth Wood Ceilings (09 91 23 00-0195)		
09 91 23 00-0197	SF		1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.56	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.49	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.68	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.97	
			<i>For &gt;100 To 250, Add</i>	0.46	
			<i>For &gt;250 To 500, Add</i>	0.20	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 23 00-0198	SF		1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.61	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.73	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.04	
			<i>For &gt;100 To 250, Add</i>	0.49	
			<i>For &gt;250 To 500, Add</i>	0.21	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.24	
			<i>For &gt;20,000, Deduct</i>	-0.32	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0199	SF		2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	2.93	
			<i>For Oil Based Paint, Add</i>	0.17	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.59	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.95	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.30	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.86	
			<i>For &gt;100 To 250, Add</i>	0.89	
			<i>For &gt;250 To 500, Add</i>	0.38	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.15	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.29	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.44	
			<i>For &gt;20,000, Deduct</i>	-0.59	
09 91 23 00-0200	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.27	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.49	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.19	
			<i>For &gt;20,000, Deduct</i>	-0.25	
09 91 23 00-0201	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.36	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.82	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 23 00-0202	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	2.56	
			<i>For Oil Based Paint, Add</i>	0.16	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.76	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.05	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 250, Add</i>	0.73	
			<i>For &gt;250 To 500, Add</i>	0.32	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.26	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.38	
			<i>For &gt;20,000, Deduct</i>	-0.51	
09 91 23 00-0203	SF		1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.97	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.19	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0204 SF 1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	1.14	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0205 SF 2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	1.76	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.66	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.98	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 23 00-0206 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling.....	0.27	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.12	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	
<b>09 91 23 00-0207 Paint Interior Wood Beams (09 91 23 00-0130)</b> .....	<b>1.72</b>	
09 91 23 00-0208 SF 1 Coat Primer, Brush Work, Paint Interior Wood Beams.....	1.72	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.76	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.09	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0209	SF	1	Coat Paint, Brush Work, Paint Interior Wood Beams.....	1.75	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.59	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.81	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.14	
			<i>For &gt;100 To 250, Add</i>	0.54	
			<i>For &gt;250 To 500, Add</i>	0.23	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.09	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.26	
			<i>For &gt;20,000, Deduct</i>	-0.35	
09 91 23 00-0210	SF	2	Coats Paint, Brush Work, Paint Interior Wood Beams.....	3.19	
			<i>For Oil Based Paint, Add</i>	0.19	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.66	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.05	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.45	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	2.06	
			<i>For &gt;100 To 250, Add</i>	0.98	
			<i>For &gt;250 To 500, Add</i>	0.42	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.16	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.32	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.48	
			<i>For &gt;20,000, Deduct</i>	-0.64	
09 91 23 00-0211	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Beams.....	1.39	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.25	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.56	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0212	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Beams.....	1.36	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.82	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 23 00-0213	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Wood Beams.....	2.56	
			<i>For Oil Based Paint, Add</i>	0.16	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.76	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	1.05	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 250, Add</i>	0.73	
			<i>For &gt;250 To 500, Add</i>	0.32	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.26	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.38	
			<i>For &gt;20,000, Deduct</i>	-0.51	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0214	SF	1	Coat Primer, Sprayed, Paint Interior Wood Beams.....	1.14	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.47	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0215	SF	1	Coat Paint, Sprayed, Paint Interior Wood Beams.....	1.13	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.21	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.34	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.47	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0216	SF	2	Coats Paint, Sprayed, Paint Interior Wood Beams.....	1.90	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.20	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.34	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.54	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.74	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.09	
			For >100 To 250, Add	0.53	
			For >250 To 500, Add	0.23	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	
09 91 23 00-0217			Paint Interior Floors And Decks (09 91 23)		
09 91 23 00-0218			Paint Interior Concrete Floors And Decks (09 91 23 00-0217)		
09 91 23 00-0219	SF	1	Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks.....	0.97	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.12	
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.19	
09 91 23 00-0220	SF	1	Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	1.07	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.11	
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0221	SF	2	Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	2.11	
			For Oil Based Paint, Add	0.12	
			For Epoxy Paint, Add	0.22	
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.64	
			For >250 To 500, Add	0.28	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 20,000, Deduct	-0.32	
			For >20,000, Deduct	-0.42	

## 09 Finishes

## 09 90 Painting and Coating

## 09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0222	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.95	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.57	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0223	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.93	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Epoxy Paint, Add</i>	0.10	
			<i>For Up To 100, Add</i>	0.58	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.14	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0224	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	1.53	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Epoxy Paint, Add</i>	0.19	
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.44	
			<i>For &gt;250 To 500, Add</i>	0.19	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.08	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.15	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.23	
			<i>For &gt;20,000, Deduct</i>	-0.31	
09 91 23 00-0225	SF	1	Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks.....	0.75	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.12	
			<i>For Up To 100, Add</i>	0.39	
			<i>For &gt;100 To 250, Add</i>	0.19	
			<i>For &gt;250 To 500, Add</i>	0.08	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.15	
09 91 23 00-0226	SF	1	Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.74	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.11	
			<i>For Up To 100, Add</i>	0.42	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.07	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.11	
			<i>For &gt;20,000, Deduct</i>	-0.15	
09 91 23 00-0227	SF	2	Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	1.33	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Epoxy Paint, Add</i>	0.21	
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.35	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.27	
09 91 23 00-0228	SF	1	Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks.....	1.02	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 23 00-0229	SF	1	Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	1.00	
			<i>For Up To 100, Add</i>	0.58	
			<i>For &gt;100 To 250, Add</i>	0.28	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 23 00-0230	SF	1	Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks.....	0.80	
			<i>For Up To 100, Add</i>	0.40	
			<i>For &gt;100 To 250, Add</i>	0.20	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	



		<b>Finishes</b>	<b>09</b>
		<b>Painting and Coating</b>	<b>09 90</b>
		<b>Painting</b>	<b>09 91</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0231	SF	1	Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	2.52	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.25	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.38	
			<i>For &gt;20,000, Deduct</i>	-0.50	
09 91 23 00-0232	SF	1	Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251).....	6.97	
			<i>For Up To 100, Add</i>	1.58	
			<i>For &gt;100 To 250, Add</i>	0.92	
			<i>For &gt;250 To 500, Add</i>	0.44	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.35	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.70	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-1.05	
			<i>For &gt;20,000, Deduct</i>	-1.39	
09 91 23 00-0233	LF	1	Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks.....	0.18	
			<i>For Up To 100, Add</i>	0.12	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.02	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
<b>09 91 23 00-0234</b>			<b>Paint Interior Wood Floors And Decks (09 91 23 00-0217)</b>		
09 91 23 00-0235	SF	1	Coat Primer, Brush Work, Paint Interior Wood Floors And Decks .....	1.22	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.72	
			<i>For &gt;100 To 250, Add</i>	0.34	
			<i>For &gt;250 To 500, Add</i>	0.15	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.06	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.12	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.18	
			<i>For &gt;20,000, Deduct</i>	-0.24	
09 91 23 00-0236	SF	1	Coat Paint, Brush Work, Paint Interior Wood Floors And Decks.....	1.31	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.81	
			<i>For &gt;100 To 250, Add</i>	0.39	
			<i>For &gt;250 To 500, Add</i>	0.17	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
			<i>For &gt;20,000, Deduct</i>	-0.26	
09 91 23 00-0237	SF	2	Coats Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.47	
			<i>For Oil Based Paint, Add</i>	0.15	
			<i>For Up To 100, Add</i>	1.52	
			<i>For &gt;100 To 250, Add</i>	0.72	
			<i>For &gt;250 To 500, Add</i>	0.31	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.25	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.37	
			<i>For &gt;20,000, Deduct</i>	-0.49	
09 91 23 00-0238	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks .....	1.00	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.52	
			<i>For &gt;100 To 250, Add</i>	0.26	
			<i>For &gt;250 To 500, Add</i>	0.11	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.20	
09 91 23 00-0239	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks .....	1.07	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Up To 100, Add</i>	0.60	
			<i>For &gt;100 To 250, Add</i>	0.29	
			<i>For &gt;250 To 500, Add</i>	0.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
			<i>For &gt;20,000, Deduct</i>	-0.21	
09 91 23 00-0240	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks .....	2.13	
			<i>For Oil Based Paint, Add</i>	0.14	
			<i>For Up To 100, Add</i>	1.20	
			<i>For &gt;100 To 250, Add</i>	0.58	
			<i>For &gt;250 To 500, Add</i>	0.25	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.21	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.32	
			<i>For &gt;20,000, Deduct</i>	-0.43	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0241	SF	1	Coat Primer, Sprayed, Paint Interior Wood Floors And Decks.....	0.79	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Up To 100, Add</i>	0.42	
			<i>For &gt;100 To 250, Add</i>	0.21	
			<i>For &gt;250 To 500, Add</i>	0.09	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.04	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.12	
			<i>For &gt;20,000, Deduct</i>	-0.16	
09 91 23 00-0242	SF	1	Coat Paint, Sprayed, Paint Interior Wood Floors And Decks.....	0.97	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.12	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.10	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.15	
			<i>For &gt;20,000, Deduct</i>	-0.19	
09 91 23 00-0243	SF	2	Coats Paint, Sprayed, Paint Interior Wood Floors And Decks.....	1.43	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Up To 100, Add</i>	0.74	
			<i>For &gt;100 To 250, Add</i>	0.36	
			<i>For &gt;250 To 500, Add</i>	0.16	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
			<i>For &gt;20,000, Deduct</i>	-0.29	
09 91 23 00-0244	SF	1	Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.52	
			<i>For Up To 100, Add</i>	0.91	
			<i>For &gt;100 To 250, Add</i>	0.47	
			<i>For &gt;250 To 500, Add</i>	0.22	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.13	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.25	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.38	
			<i>For &gt;20,000, Deduct</i>	-0.50	
09 91 23 00-0245	SF	1	Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks.....	6.97	
			<i>For Up To 100, Add</i>	1.58	
			<i>For &gt;100 To 250, Add</i>	0.92	
			<i>For &gt;250 To 500, Add</i>	0.44	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.35	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.70	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-1.05	
			<i>For &gt;20,000, Deduct</i>	-1.39	
09 91 23 00-0246	LF	1	Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks.....	0.22	
			<i>For Up To 100, Add</i>	0.14	
			<i>For &gt;100 To 250, Add</i>	0.06	
			<i>For &gt;250 To 500, Add</i>	0.03	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
			<i>For &gt;20,000, Deduct</i>	-0.04	
09 91 23 00-0247			Paint Interior Doors And Windows (09 91 23)		
09 91 23 00-0248			Paint Interior Door Frames (09 91 23 00-0247)		
09 91 23 00-0249	LF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.44	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.38	
09 91 23 00-0250	LF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.86	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.49	
09 91 23 00-0251	LF	2	Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	3.15	
			<i>For Oil Based Paint, Add</i>	0.17	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.83	
09 91 23 00-0252	LF	1	Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	1.49	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.40	
09 91 23 00-0253	LF	1	Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	1.91	
			<i>For Oil Based Paint, Add</i>	0.11	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.51	
09 91 23 00-0254	LF	2	Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim.....	3.23	
			<i>For Oil Based Paint, Add</i>	0.18	
			<i>For Painting One Face Of Frame Only, Deduct</i>	-0.86	
09 91 23 00-0255			Paint Interior Metal Doors (09 91 23 00-0247)		
09 91 23 00-0256	EA	1	Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door.....	74.00	
			<i>For Electrostatic Painting, Add</i>	12.08	
			<i>For Half Louvered Door, Add</i>	6.42	
			<i>For Full Louvered Door, Add</i>	10.70	
			<i>For Oil Based Paint, Add</i>	5.26	
			<i>For &gt;5 To 10, Deduct</i>	-3.70	
			<i>For &gt;10 To 25, Deduct</i>	-7.40	
			<i>For &gt;25, Deduct</i>	-11.10	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Painting	09 91	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0257 EA 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	74.00	
For Electrostatic Painting, Add	12.08	
For Half Louvered Door, Add	6.42	
For Full Louvered Door, Add	10.70	
For Oil Based Paint, Add	5.26	
For >5 To 10, Deduct	-3.70	
For >10 To 25, Deduct	-7.40	
For >25, Deduct	-11.10	
09 91 23 00-0258 EA 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door.....	134.31	
For Electrostatic Painting, Add	22.73	
For Half Louvered Door, Add	10.85	
For Full Louvered Door, Add	18.08	
For Oil Based Paint, Add	9.82	
For >5 To 10, Deduct	-6.72	
For >10 To 25, Deduct	-13.43	
For >25, Deduct	-20.15	
09 91 23 00-0259 EA 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	132.81	
For Electrostatic Painting, Add	21.69	
For Half Louvered Door, Add	11.51	
For Full Louvered Door, Add	19.19	
For Oil Based Paint, Add	9.44	
For >5 To 10, Deduct	-6.64	
For >10 To 25, Deduct	-13.28	
For >25, Deduct	-19.92	
09 91 23 00-0260 EA 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	132.82	
For Electrostatic Painting, Add	21.69	
For Half Louvered Door, Add	11.51	
For Full Louvered Door, Add	19.19	
For Oil Based Paint, Add	9.44	
For >5 To 10, Deduct	-6.64	
For >10 To 25, Deduct	-13.28	
For >25, Deduct	-19.92	
09 91 23 00-0261 EA 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door.....	241.99	
For Electrostatic Painting, Add	41.02	
For Half Louvered Door, Add	19.48	
For Full Louvered Door, Add	32.46	
For Oil Based Paint, Add	17.71	
For >5 To 10, Deduct	-12.10	
For >10 To 25, Deduct	-24.20	
For >25, Deduct	-36.30	
09 91 23 00-0262 EA 1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door.....	64.02	
For Electrostatic Painting, Add	11.55	
For Half Louvered Door, Add	4.46	
For Full Louvered Door, Add	7.43	
For Oil Based Paint, Add	4.92	
For >5 To 10, Deduct	-3.20	
For >10 To 25, Deduct	-6.40	
For >25, Deduct	-9.60	
09 91 23 00-0263 EA 1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door.....	64.02	
For Electrostatic Painting, Add	11.55	
For Half Louvered Door, Add	4.46	
For Full Louvered Door, Add	7.43	
For Oil Based Paint, Add	4.92	
For >5 To 10, Deduct	-3.20	
For >10 To 25, Deduct	-6.40	
For >25, Deduct	-9.60	
09 91 23 00-0264 EA 2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door.....	118.37	
For Electrostatic Painting, Add	22.07	
For Half Louvered Door, Add	7.52	
For Full Louvered Door, Add	12.54	
For Oil Based Paint, Add	9.33	
For >5 To 10, Deduct	-5.92	
For >10 To 25, Deduct	-11.84	
For >25, Deduct	-17.76	
09 91 23 00-0265 EA 1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door.....	114.94	
For Electrostatic Painting, Add	20.75	
For Half Louvered Door, Add	7.99	
For Full Louvered Door, Add	13.32	
For Oil Based Paint, Add	8.83	
For >5 To 10, Deduct	-5.75	
For >10 To 25, Deduct	-11.49	
For >25, Deduct	-17.24	
09 91 23 00-0266 EA 1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door.....	114.94	
For Electrostatic Painting, Add	20.75	
For Half Louvered Door, Add	7.99	
For Full Louvered Door, Add	13.32	
For Oil Based Paint, Add	8.83	
For >5 To 10, Deduct	-5.75	
For >10 To 25, Deduct	-11.49	
For >25, Deduct	-17.24	



**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0267	EA		2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door .....	213.48	
			<i>For Electrostatic Painting, Add</i>	39.85	
			<i>For Half Louvered Door, Add</i>	13.52	
			<i>For Full Louvered Door, Add</i>	22.53	
			<i>For Oil Based Paint, Add</i>	16.84	
			<i>For &gt;5 To 10, Deduct</i>	-10.67	
			<i>For &gt;10 To 25, Deduct</i>	-21.35	
			<i>For &gt;25, Deduct</i>	-32.02	
<b>09 91 23 00-0268</b>			<b>Paint Interior Wood Doors</b> <small>(09 91 23 00-0247)</small>		
09 91 23 00-0269	EA		1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door .....	64.98	
			<i>For Oil Based Paint, Add</i>	4.36	
			<i>For Half Louvered Door, Add</i>	6.42	
			<i>For Full Louvered Door, Add</i>	10.70	
			<i>For &gt;5 To 10, Deduct</i>	-3.25	
			<i>For &gt;10 To 25, Deduct</i>	-6.50	
			<i>For &gt;25, Deduct</i>	-9.75	
09 91 23 00-0270	EA		1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door .....	64.98	
			<i>For Oil Based Paint, Add</i>	4.36	
			<i>For Half Louvered Door, Add</i>	6.42	
			<i>For Full Louvered Door, Add</i>	10.70	
			<i>For &gt;5 To 10, Deduct</i>	-3.25	
			<i>For &gt;10 To 25, Deduct</i>	-6.50	
			<i>For &gt;25, Deduct</i>	-9.75	
09 91 23 00-0271	EA		2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door .....	116.38	
			<i>For Oil Based Paint, Add</i>	8.02	
			<i>For Half Louvered Door, Add</i>	10.85	
			<i>For Full Louvered Door, Add</i>	18.08	
			<i>For &gt;5 To 10, Deduct</i>	-5.82	
			<i>For &gt;10 To 25, Deduct</i>	-11.64	
			<i>For &gt;25, Deduct</i>	-17.46	
09 91 23 00-0272	EA		1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	116.60	
			<i>For Oil Based Paint, Add</i>	7.82	
			<i>For Half Louvered Door, Add</i>	11.51	
			<i>For Full Louvered Door, Add</i>	19.19	
			<i>For &gt;5 To 10, Deduct</i>	-5.83	
			<i>For &gt;10 To 25, Deduct</i>	-11.66	
			<i>For &gt;25, Deduct</i>	-17.49	
09 91 23 00-0273	EA		1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	116.60	
			<i>For Oil Based Paint, Add</i>	7.82	
			<i>For Half Louvered Door, Add</i>	11.51	
			<i>For Full Louvered Door, Add</i>	19.19	
			<i>For &gt;5 To 10, Deduct</i>	-5.83	
			<i>For &gt;10 To 25, Deduct</i>	-11.66	
			<i>For &gt;25, Deduct</i>	-17.49	
09 91 23 00-0274	EA		2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door .....	209.56	
			<i>For Oil Based Paint, Add</i>	14.46	
			<i>For Half Louvered Door, Add</i>	19.48	
			<i>For Full Louvered Door, Add</i>	32.46	
			<i>For &gt;5 To 10, Deduct</i>	-10.48	
			<i>For &gt;10 To 25, Deduct</i>	-20.96	
			<i>For &gt;25, Deduct</i>	-31.43	
09 91 23 00-0275	EA		1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door .....	54.09	
			<i>For Oil Based Paint, Add</i>	3.92	
			<i>For Half Louvered Door, Add</i>	4.46	
			<i>For Full Louvered Door, Add</i>	7.43	
			<i>For &gt;5 To 10, Deduct</i>	-2.70	
			<i>For &gt;10 To 25, Deduct</i>	-5.41	
			<i>For &gt;25, Deduct</i>	-8.11	
09 91 23 00-0276	EA		1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door .....	54.09	
			<i>For Oil Based Paint, Add</i>	3.92	
			<i>For Half Louvered Door, Add</i>	4.46	
			<i>For Full Louvered Door, Add</i>	7.43	
			<i>For &gt;5 To 10, Deduct</i>	-2.70	
			<i>For &gt;10 To 25, Deduct</i>	-5.41	
			<i>For &gt;25, Deduct</i>	-8.11	
09 91 23 00-0277	EA		2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door .....	98.66	
			<i>For Oil Based Paint, Add</i>	7.36	
			<i>For Half Louvered Door, Add</i>	7.53	
			<i>For Full Louvered Door, Add</i>	12.55	
			<i>For &gt;5 To 10, Deduct</i>	-4.93	
			<i>For &gt;10 To 25, Deduct</i>	-9.87	
			<i>For &gt;25, Deduct</i>	-14.80	
09 91 23 00-0278	EA		1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door .....	97.10	
			<i>For Oil Based Paint, Add</i>	7.05	
			<i>For Half Louvered Door, Add</i>	7.99	
			<i>For Full Louvered Door, Add</i>	13.32	
			<i>For &gt;5 To 10, Deduct</i>	-4.86	
			<i>For &gt;10 To 25, Deduct</i>	-9.71	
			<i>For &gt;25, Deduct</i>	-14.57	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Painting	09 91

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0279 EA 1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door .....	97.10	
For Oil Based Paint, Add	7.05	
For Half Louvered Door, Add	7.99	
For Full Louvered Door, Add	13.32	
For >5 To 10, Deduct	-4.86	
For >10 To 25, Deduct	-9.71	
For >25, Deduct	-14.57	
09 91 23 00-0280 EA 2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door .....	177.81	
For Oil Based Paint, Add	13.27	
For Half Louvered Door, Add	13.52	
For Full Louvered Door, Add	22.53	
For >5 To 10, Deduct	-8.89	
For >10 To 25, Deduct	-17.78	
For >25, Deduct	-26.67	
<b>09 91 23 00-0281 Paint Interior Metal Windows (09 91 23 00-0247)</b>		
Note: Two finish coats paint over rust inhibitive primer.		
09 91 23 00-0282 EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	116.67	
For Oil Based Paint, Add	6.87	
For Electrostatic Painting, Add	14.78	
For >5 To 10, Deduct	-5.83	
For >10 To 25, Deduct	-11.67	
For >25, Deduct	-17.50	
09 91 23 00-0283 EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	142.72	
For Oil Based Paint, Add	8.74	
For Electrostatic Painting, Add	19.08	
For >5 To 10, Deduct	-7.14	
For >10 To 25, Deduct	-14.27	
For >25, Deduct	-21.41	
09 91 23 00-0284 EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	193.09	
For Oil Based Paint, Add	11.93	
For Electrostatic Painting, Add	26.13	
For >5 To 10, Deduct	-9.65	
For >10 To 25, Deduct	-19.31	
For >25, Deduct	-28.96	
09 91 23 00-0285 EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	217.49	
For Oil Based Paint, Add	13.45	
For Electrostatic Painting, Add	29.46	
For >5 To 10, Deduct	-10.87	
For >10 To 25, Deduct	-21.75	
For >25, Deduct	-32.62	
09 91 23 00-0286 EA >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	241.05	
For Oil Based Paint, Add	14.88	
For Electrostatic Painting, Add	32.59	
For >5 To 10, Deduct	-12.05	
For >10 To 25, Deduct	-24.11	
For >25, Deduct	-36.16	
09 91 23 00-0287 SF >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work .....	7.65	
For Oil Based Paint, Add	0.47	
For Electrostatic Painting, Add	1.03	
<b>09 91 23 00-0288 Paint Interior Wood Windows (09 91 23 00-0247)</b>		
Note: Two finish coats paint over primer.		
09 91 23 00-0289 EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	110.68	
For Oil Based Paint, Add	6.27	
For >5 To 10, Deduct	-5.53	
For >10 To 25, Deduct	-11.07	
For >25, Deduct	-16.60	
09 91 23 00-0290 EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	133.46	
For Oil Based Paint, Add	7.81	
For >5 To 10, Deduct	-6.67	
For >10 To 25, Deduct	-13.35	
For >25, Deduct	-20.02	
09 91 23 00-0291 EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	189.94	
For Oil Based Paint, Add	11.11	
For >5 To 10, Deduct	-9.50	
For >10 To 25, Deduct	-18.99	
For >25, Deduct	-28.49	
09 91 23 00-0292 EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	213.88	
For Oil Based Paint, Add	12.52	
For >5 To 10, Deduct	-10.69	
For >10 To 25, Deduct	-21.39	
For >25, Deduct	-32.08	

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0293	EA		>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work .....	224.69	
			<i>For Oil Based Paint, Add</i> .....	13.24	
			<i>For &gt;5 To 10, Deduct</i> .....	-11.23	
			<i>For &gt;10 To 25, Deduct</i> .....	-22.47	
			<i>For &gt;25, Deduct</i> .....	-33.70	
09 91 23 00-0294	SF		>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work.....	7.50	
			<i>For Oil Based Paint, Add</i> .....	0.44	
<b>09 91 23 00-0295</b>			<b>Paint Interior Security Screens</b> (09 91 23 00-0247) .....		
09 91 23 00-0296	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen .....	1.88	
			<i>For Oil Based Paint, Add</i> .....	0.12	
			<i>For Electrostatic Painting, Add</i> .....	0.26	
09 91 23 00-0297	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen.....	1.89	
			<i>For Oil Based Paint, Add</i> .....	0.11	
			<i>For Electrostatic Painting, Add</i> .....	0.24	
09 91 23 00-0298	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen .....	3.14	
			<i>For Oil Based Paint, Add</i> .....	0.19	
			<i>For Electrostatic Painting, Add</i> .....	0.40	
<b>09 91 23 00-0299</b>			<b>Paint Interior Window Guards</b> (09 91 23 00-0247) .....		
09 91 23 00-0300	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards .....	1.88	
			<i>For Oil Based Paint, Add</i> .....	0.12	
09 91 23 00-0301	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	1.89	
			<i>For Oil Based Paint, Add</i> .....	0.11	
09 91 23 00-0302	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	3.14	
			<i>For Oil Based Paint, Add</i> .....	0.19	
<b>09 91 23 00-0303</b>			<b>Paint Interior Window Trim</b> (09 91 23 00-0247) .....		
09 91 23 00-0304	LF		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim.....	1.80	
			<i>For Oil Based Paint, Add</i> .....	0.11	
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-0.51	
09 91 23 00-0305	LF		1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim .....	1.80	
			<i>For Oil Based Paint, Add</i> .....	0.11	
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-0.51	
09 91 23 00-0306	LF		2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim .....	3.91	
			<i>For Oil Based Paint, Add</i> .....	0.24	
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-1.10	
09 91 23 00-0307	LF		1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim .....	2.07	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-0.62	
09 91 23 00-0308	LF		1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim.....	2.07	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-0.62	
09 91 23 00-0309	LF		2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim.....	4.45	
			Note: Brush/roller work.		
			<i>For Painting One Face Of Frame Only, Deduct</i> .....	-1.32	
<b>09 91 23 00-0310</b>			<b>Paint Interior Cabinets And Casework</b> (09 91 23) .....		
<b>09 91 23 00-0311</b>			<b>Paint Interior Wood Cabinets And Casework</b> (09 91 23 00-0310) .....		
09 91 23 00-0312	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework .....	1.59	
			<i>For &gt;5,000 To 10,000, Deduct</i> .....	-0.08	
			<i>For &gt;10,000 To 20,000, Deduct</i> .....	-0.16	
			<i>For &gt;20,000, Deduct</i> .....	-0.24	
09 91 23 00-0313	SF		1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework.....	2.20	
			<i>For &gt;5,000 To 10,000, Deduct</i> .....	-0.11	
			<i>For &gt;10,000 To 20,000, Deduct</i> .....	-0.22	
			<i>For &gt;20,000, Deduct</i> .....	-0.33	
09 91 23 00-0314	SF		1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework.....	3.64	
			<i>For &gt;5,000 To 10,000, Deduct</i> .....	-0.18	
			<i>For &gt;10,000 To 20,000, Deduct</i> .....	-0.36	
			<i>For &gt;20,000, Deduct</i> .....	-0.55	
<b>09 91 23 00-0315</b>			<b>Paint Exposed Metal Lockers And Cabinets</b> (09 91 23 00-0310) .....		
09 91 23 00-0316	SF		1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker .....	1.75	
			<i>For &gt;5,000 To 10,000, Deduct</i> .....	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i> .....	-0.18	
			<i>For &gt;20,000, Deduct</i> .....	-0.26	
09 91 23 00-0317	SF		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker.....	1.74	
			<i>For &gt;5,000 To 10,000, Deduct</i> .....	-0.09	
			<i>For &gt;10,000 To 20,000, Deduct</i> .....	-0.17	
			<i>For &gt;20,000, Deduct</i> .....	-0.26	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91 23 00-0318	SF		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker.....	3.24	
				<i>For &gt;5,000 To 10,000, Deduct</i>	-0.16	
				<i>For &gt;10,000 To 20,000, Deduct</i>	-0.32	
				<i>For &gt;20,000, Deduct</i>	-0.49	
	09 91 23 00-0319			<b>Paint Interior Stairs</b> (09 91 23)		
	09 91 23 00-0320			<b>Paint Interior Concrete Stairs</b> (09 91 23 00-0319)		
				Note: Includes the riser and tread.		
	09 91 23 00-0321	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	22.56	
	09 91 23 00-0322	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	22.56	
	09 91 23 00-0323	RSR		1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	18.01	
				Note: Excludes riser.		
	09 91 23 00-0324	RSR		1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	35.82	
				Note: Excludes riser.		
	09 91 23 00-0325	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	45.13	
	09 91 23 00-0326			<b>Paint Interior Metal Stairs</b> (09 91 23 00-0319)		
				Note: Includes the riser and tread.		
	09 91 23 00-0327	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	12.48	
	09 91 23 00-0328	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	12.01	
	09 91 23 00-0329	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	24.02	
	09 91 23 00-0330			<b>Paint Interior Wood Stairs</b> (09 91 23 00-0319)		
				Note: Includes the riser and tread.		
	09 91 23 00-0331	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	11.68	
	09 91 23 00-0332	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	11.68	
	09 91 23 00-0333	RSR		1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	12.56	
				Note: Excludes riser.		
	09 91 23 00-0334	RSR		1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	30.37	
				Note: Excludes riser.		
	09 91 23 00-0335	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	23.36	
	09 91 23 00-0336			<b>Paint Interior Stair Nosing</b> (09 91 23 00-0319)		
	09 91 23 00-0337	LF		1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip.....	1.97	
	09 91 23 00-0338			<b>Paint Interior Trim</b> (09 91 23)		
	09 91 23 00-0339			<b>Paint Interior Metal Trim</b> (09 91 23 00-0338)		
	09 91 23 00-0340	SF		1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim.....	1.58	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.19	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.32	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.51	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.70	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0341	SF		1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim.....	1.72	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.21	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.36	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.57	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.78	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0342	SF		2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim.....	3.10	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.38	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.63	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.00	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	1.38	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0343	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim.....	1.33	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.26	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.41	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.57	
				<i>Note: Applied only to work area above 40'.</i>		

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0344	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim .....	1.44	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.17	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.29	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.46	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.63	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0345	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim .....	2.60	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.30	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.50	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.80	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.11	
	<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0346	Paint Interior Wood Trim <small>(09 91 23 00-0338)</small>		
09 91 23 00-0347	LF 1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide .....	0.99	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.13	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.22	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.36	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.49	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.05	
09 91 23 00-0348	LF 1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide .....	1.09	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.25	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.39	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.54	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.06	
09 91 23 00-0349	LF 2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide .....	2.26	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.53	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.84	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.16	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.12	
09 91 23 00-0350	SF 1 Coat Primer, Brush Work, Paint Interior Wood Trim .....	3.05	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.39	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.66	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.05	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.45	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.17	
09 91 23 00-0351	SF 1 Coat Paint, Brush Work, Paint Interior Wood Trim .....	3.39	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.44	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.73	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.17	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	1.61	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.19	
09 91 23 00-0352	SF 2 Coats Paint, Brush Work, Paint Interior Wood Trim .....	6.16	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.78	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	1.31	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	2.09	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	2.87	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Oil Based Paint, Add</i>	0.36	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	23 00-0353	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Trim .....	2.52	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.32	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.53	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.84	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	1.16	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Oil Based Paint, Add</i>	0.15	
	09 91	23 00-0354	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Wood Trim .....	2.81	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.35	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.59	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.94	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	1.29	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Oil Based Paint, Add</i>	0.16	
	09 91	23 00-0355	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Trim .....	5.08	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.62	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	1.04	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	1.66	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	2.28	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Oil Based Paint, Add</i>	0.30	
	09 91	23 00-0356		<b>Paint Interior Metal Surfaces</b> <small>(09 91 23)</small>		
	09 91	23 00-0357		<b>Paint Interior Miscellaneous Metal Surfaces</b> <small>(09 91 23 00-0356)</small>		
	09 91	23 00-0358	SF	1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces .....	1.08	
				<i>For Electrostatic Painting, Add</i>	0.15	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.20	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.31	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.43	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.63	
				<i>For &gt;100 To 250, Add</i>	0.30	
				<i>For &gt;250 To 500, Add</i>	0.13	
				<i>For &gt;2,500 To 5,000, Deduct</i>	-0.05	
				<i>For &gt;5,000 To 10,000, Deduct</i>	-0.11	
				<i>For &gt;10,000 To 20,000, Deduct</i>	-0.16	
				<i>For &gt;20,000, Deduct</i>	-0.22	
	09 91	23 00-0359	SF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces .....	1.30	
				<i>For Electrostatic Painting, Add</i>	0.18	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.15	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.25	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.40	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.55	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.80	
				<i>For &gt;100 To 250, Add</i>	0.38	
				<i>For &gt;250 To 500, Add</i>	0.17	
				<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
				<i>For &gt;5,000 To 10,000, Deduct</i>	-0.13	
				<i>For &gt;10,000 To 20,000, Deduct</i>	-0.20	
				<i>For &gt;20,000, Deduct</i>	-0.26	
	09 91	23 00-0360	SF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces .....	2.27	
				<i>For Electrostatic Painting, Add</i>	0.31	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.26	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.44	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.70	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	0.96	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	1.38	
				<i>For &gt;100 To 250, Add</i>	0.66	
				<i>For &gt;250 To 500, Add</i>	0.29	
				<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
				<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
				<i>For &gt;10,000 To 20,000, Deduct</i>	-0.34	
				<i>For &gt;20,000, Deduct</i>	-0.45	



**09 Finishes**

**09 90 Painting and Coating**

**09 91 Painting**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0361	SF 1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces.....	1.40	
	<i>For Electrostatic Painting, Add</i>	0.19	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.85	
	<i>For &gt;100 To 250, Add</i>	0.41	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0362	SF 1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces .....	1.40	
	<i>For Electrostatic Painting, Add</i>	0.19	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.16	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.27	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.42	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.58	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.85	
	<i>For &gt;100 To 250, Add</i>	0.41	
	<i>For &gt;250 To 500, Add</i>	0.18	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.07	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.14	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.21	
	<i>For &gt;20,000, Deduct</i>	-0.28	
09 91 23 00-0363	SF 2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces .....	2.27	
	<i>For Electrostatic Painting, Add</i>	0.32	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.24	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.41	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.65	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.90	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	1.32	
	<i>For &gt;100 To 250, Add</i>	0.63	
	<i>For &gt;250 To 500, Add</i>	0.28	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.11	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.23	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.34	
	<i>For &gt;20,000, Deduct</i>	-0.45	
09 91 23 00-0364	LF 1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal.....	0.22	
	<i>For Electrostatic Painting, Add</i>	0.03	
	<i>For Work &gt;15' To 20' Above Floor, Add</i>	0.03	
	<i>Note: Applied only to work area above 15' to 20'.</i>		
	<i>For Work &gt;20' To 30' Above Floor, Add</i>	0.04	
	<i>Note: Applied only to work area above 20' to 30'.</i>		
	<i>For Work &gt;30' To 40' Above Floor, Add</i>	0.07	
	<i>Note: Applied only to work area above 30' to 40'.</i>		
	<i>For Work &gt;40' Above Floor, Add</i>	0.09	
	<i>Note: Applied only to work area above 40'.</i>		
	<i>For Up To 100, Add</i>	0.14	
	<i>For &gt;100 To 250, Add</i>	0.06	
	<i>For &gt;250 To 500, Add</i>	0.03	
	<i>For &gt;2,500 To 5,000, Deduct</i>	-0.01	
	<i>For &gt;5,000 To 10,000, Deduct</i>	-0.02	
	<i>For &gt;10,000 To 20,000, Deduct</i>	-0.03	
	<i>For &gt;20,000, Deduct</i>	-0.04	
09 91 23 00-0365	<b>Stencil Painting Letters/Numbers</b> <small>(09 91 23)</small>		
	<i>Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.</i>		
09 91 23 00-0366	EA Up To 1" High, Stencil Painting, Per Letter/Number .....	2.50	
	<i>For &gt;200 To 500, Deduct</i>	-0.20	
	<i>For &gt;500 To 1,000, Deduct</i>	-0.31	
	<i>For &gt;1,000 To 2,000, Deduct</i>	-0.40	
	<i>For &gt;2,000, Deduct</i>	-0.50	
09 91 23 00-0367	EA 1" To 2" High, Stencil Painting, Per Letter/Number.....	2.88	
	<i>For &gt;200 To 500, Deduct</i>	-0.23	
	<i>For &gt;500 To 1,000, Deduct</i>	-0.36	
	<i>For &gt;1,000 To 2,000, Deduct</i>	-0.46	
	<i>For &gt;2,000, Deduct</i>	-0.58	
09 91 23 00-0368	EA 2" To 3" High, Stencil Painting, Per Letter/Number.....	4.84	
	<i>For &gt;200 To 500, Deduct</i>	-0.39	
	<i>For &gt;500 To 1,000, Deduct</i>	-0.61	
	<i>For &gt;1,000 To 2,000, Deduct</i>	-0.77	
	<i>For &gt;2,000, Deduct</i>	-0.97	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91 23 00-0369	EA		3" To 4" High, Stencil Painting, Per Letter/Number.....	5.94	
				<i>For &gt;200 To 500, Deduct</i>	-0.48	
				<i>For &gt;500 To 1,000, Deduct</i>	-0.74	
				<i>For &gt;1,000 To 2,000, Deduct</i>	-0.95	
				<i>For &gt;2,000, Deduct</i>	-1.19	
	09 91 23 00-0370	EA		4" To 6" High, Stencil Painting, Per Letter/Number.....	8.16	
				<i>For &gt;200 To 500, Deduct</i>	-0.65	
				<i>For &gt;500 To 1,000, Deduct</i>	-1.02	
				<i>For &gt;1,000 To 2,000, Deduct</i>	-1.31	
				<i>For &gt;2,000, Deduct</i>	-1.63	
	09 91 23 00-0371	EA		6" To 12" High, Stencil Painting, Per Letter/Number.....	10.83	
				<i>For &gt;200 To 500, Deduct</i>	-0.87	
				<i>For &gt;500 To 1,000, Deduct</i>	-1.35	
				<i>For &gt;1,000 To 2,000, Deduct</i>	-1.73	
				<i>For &gt;2,000, Deduct</i>	-2.17	
	09 91 23 00-0372	EA		Over 12" High, Stencil Painting, Per Letter/Number.....	12.76	
				<i>For &gt;200 To 500, Deduct</i>	-1.02	
				<i>For &gt;500 To 1,000, Deduct</i>	-1.60	
				<i>For &gt;1,000 To 2,000, Deduct</i>	-2.04	
				<i>For &gt;2,000, Deduct</i>	-2.55	
	<b>09 91 23 00-0373</b>			<b>Logo Painting</b> (09 91 23)		
	09 91 23 00-0374	SF		Simple Design, Paint Logo.....	46.56	
	09 91 23 00-0375	SF		Complex Design, Paint Logo.....	54.67	
	<b>09 91 23 00-0376</b>			<b>Paint Additives</b> (09 91 23)		
	09 91 23 00-0377	SF		Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
	09 91 23 00-0378	SF		Class "B" Fire Rating, Fire Resistant Paint Additive.....	0.08	
				<i>For Class "A" Fire Rating, Add</i>	0.08	
	<b>09 91 23 00-0379</b>			<b>Hand Painting Letters/Numbers</b> (09 91 23)		
				Note: Painting on walls, floors, poles, signs, etc.		
	09 91 23 00-0380	EA		Up To 1" High, Hand Paint, Per Letter/Number.....	3.05	
	09 91 23 00-0381	EA		1" To 2" High, Hand Paint, Per Letter/Number.....	3.55	
	09 91 23 00-0382	EA		2" To 3" High, Hand Paint, Per Letter/Number.....	5.36	
	09 91 23 00-0383	EA		3" To 4" High, Hand Paint, Per Letter/Number.....	6.56	
	09 91 23 00-0384	EA		4" To 6" High, Hand Paint, Per Letter/Number.....	9.05	
	09 91 23 00-0385	EA		6" To 12" High, Hand Paint, Per Letter/Number.....	11.44	
	09 91 23 00-0386	EA		Over 12" High, Hand Paint, Per Letter/Number.....	13.41	
	<b>09 91 23 00-0387</b>			<b>Glove/Mitt Application</b> (09 91 23)		
	<b>09 91 23 00-0388</b>			<b>Conduit/Pipe</b> (09 91 23 00-0387)		
	09 91 23 00-0389	CSF		Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt.....	57.56	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.97	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	13.29	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	21.26	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	29.23	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0390	CSF		Metal Primer Conduit Or Pipe With Glove/Mitt.....	99.43	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	9.56	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	15.94	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	25.50	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	35.07	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0391	CSF		Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	78.89	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.01	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	11.69	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	18.70	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	25.72	
				<i>Note: Applied only to work area above 40'.</i>		
	09 91 23 00-0392	CSF		Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt.....	65.17	
				<i>For Work &gt;15' To 20' Above Floor, Add</i>	5.26	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work &gt;20' To 30' Above Floor, Add</i>	8.77	
				<i>Note: Applied only to work area above 20' to 30'.</i>		
				<i>For Work &gt;30' To 40' Above Floor, Add</i>	14.03	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work &gt;40' Above Floor, Add</i>	19.29	
				<i>Note: Applied only to work area above 40'.</i>		

**09 Finishes****09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0393	CSF		Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	125.70	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.97	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	13.29	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	21.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	29.23	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0394	CSF		Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt .....	116.32	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.01	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	11.69	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	18.70	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	25.72	
			<i>Note: Applied only to work area above 40'.</i>		
<b>09 91 23 00-0395</b>			<b>Ductwork</b> <small>(09 91 23 00-0387)</small>		
09 91 23 00-0396	CSF		Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt.....	57.56	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.97	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	13.29	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	21.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	29.23	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0397	CSF		Metal Primer Ductwork With Glove/Mitt .....	93.66	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.97	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	13.29	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	21.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	29.23	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0398	CSF		Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt.....	71.68	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	6.38	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	10.63	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	17.00	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	23.38	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0399	CSF		Epoxy Paint, First Coat Ductwork With Glove/Mitt.....	120.49	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	7.97	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	13.29	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	21.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	29.23	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0400	CSF		Epoxy Paint, Second Coat Ductwork With Glove/Mitt.....	105.65	
			<i>For Work &gt;15' To 20' Above Floor, Add</i>	6.38	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work &gt;20' To 30' Above Floor, Add</i>	10.63	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work &gt;30' To 40' Above Floor, Add</i>	17.00	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work &gt;40' Above Floor, Add</i>	23.38	
			<i>Note: Applied only to work area above 40'.</i>		
<b>09 91 33</b>			<b>Painting Materials</b> <small>(09 91)</small>		
			Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.		
<b>09 91 33 00-0001</b>			<b>Primer</b> <small>(09 91 33)</small>		
09 91 33 00-0002	GAL		Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	77.18	
09 91 33 00-0003	GAL		Alkyd Wood Primer, Exterior, 400 SF Per Gallon .....	53.80	
09 91 33 00-0004	GAL		Prime Coat Oil Wood Primer, 310 SF Per Gallon .....	68.22	
09 91 33 00-0005	GAL		Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	176.62	
09 91 33 00-0006	EA		Cement Base Primer, 25 Lb. Sack.....	56.26	
09 91 33 00-0007	GAL		Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon.....	86.74	
09 91 33 00-0008	GAL		Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	69.63	
09 91 33 00-0009	GAL		Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF per Gallon.....	53.80	
09 91 33 00-0010	GAL		Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	48.88	
09 91 33 00-0011	GAL		Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon .....	86.15	
09 91 33 00-0012	GAL		Acrylic Heavy-Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon .....	71.73	
09 91 33 00-0013	GAL		Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	71.73	
09 91 33 00-0014	GAL		Latex Wood Primer, Exterior, 300 SF Per Gallon .....	80.88	
09 91 33 00-0015	GAL		Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon.....	52.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 33 00-0016 GAL Red Alkyd Primer, 500 SF Per Gallon .....	132.09	
09 91 33 00-0017 GAL Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon .....	56.26	
09 91 33 00-0018 GAL Zinc Chromate Primer, 300 SF Per Gallon .....	45.01	
09 91 33 00-0019 GAL Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon .....	116.39	
09 91 33 00-0020 GAL Stain Killer, Alcohol Base .....	72.58	
09 91 33 00-0021 GAL Sealer, Primer Kilz, 400 SF Per Gallon .....	81.89	
<b>09 91 33 00-0022 Paint</b> <small>(09 91 33)</small>		
09 91 33 00-0023 GAL Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon .....	39.38	
09 91 33 00-0024 GAL Acrylic Urethane Sealer .....	195.28	
09 91 33 00-0025 GAL Asphalt-Fiber Roof And Foundation Coating, Solvent Type .....	21.10	
Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.		
09 91 33 00-0026 GAL Concrete Enamel Epoxy, 350 SF Per Gallon .....	122.02	
09 91 33 00-0027 GAL Concrete Acrylic Sealer, 400 SF Per Gallon .....	64.00	
09 91 33 00-0028 GAL Tar Emulsion, Driveway Coating, 120 SF Per Gallon .....	31.90	
09 91 33 00-0029 GAL Acrylic Latex, Driveway Coating, 250 SF Per Gallon .....	48.38	
09 91 33 00-0030 GAL Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon .....	131.95	
09 91 33 00-0031 GAL Exterior, Oil Base, Gloss, 400 SF Per Gallon .....	130.26	
09 91 33 00-0032 GAL Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon .....	106.34	
09 91 33 00-0033 GAL Exterior, Flat, Oil Base .....	97.48	
09 91 33 00-0034 GAL Exterior, Latex, Semi-Gloss, 400 SF Per Gallon .....	92.51	
09 91 33 00-0035 GAL Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon .....	109.00	
09 91 33 00-0036 GAL Exterior, Latex Flat Paint, 300 SF Per Gallon .....	96.77	
09 91 33 00-0037 GAL Exterior, Water Base, Latex Gloss Enamel .....	137.74	
09 91 33 00-0038 GAL Cold Galvanizing Paint .....	360.24	
09 91 33 00-0039 GAL High Heat Paint .....	187.01	
09 91 33 00-0040 GAL Heat Resistant Paint .....	124.67	
09 91 33 00-0041 GAL Zinc Chromate Paint .....	112.80	
09 91 33 00-0042 QT Anti-Rust Enamel, 500 SF Per Quart .....	44.53	
09 91 33 00-0043 GAL Rust Inhibitor, Ferrous Metal .....	124.67	
09 91 33 00-0044 GAL Masonry Waterproofing, 100 SF Per Gallon .....	96.77	
09 91 33 00-0045 GAL Alkyd Latex, Black .....	92.52	
09 91 33 00-0046 GAL Alkyd Latex, White .....	84.10	
09 91 33 00-0047 GAL Alkyd Latex, Colors .....	101.42	
09 91 33 00-0048 QT Wrought Iron Paint, Black .....	113.79	
09 91 33 00-0049 GAL Vinyl Paint .....	107.60	
09 91 33 00-0050 GAL Silicone Alkyd .....	130.81	
09 91 33 00-0051 GAL 2 Component Solvent Based Acrylic Epoxy .....	132.92	
09 91 33 00-0052 GAL 2 Component Solvent Based Polyester Epoxy .....	166.68	
09 91 33 00-0053 GAL Chlorinated Rubber .....	122.37	
09 91 33 00-0054 GAL Polyamide Epoxy Sealer .....	126.59	
09 91 33 00-0055 GAL Coal Tar Epoxy .....	90.72	
09 91 33 00-0056 GAL Swimming Pool Enamel, 350 SF Per Gallon .....	113.23	
09 91 33 00-0057 GAL Swimming Pool Epoxy Or Urethane Base .....	147.69	
09 91 33 00-0058 GAL Swimming Pool Rubber Base .....	101.27	
09 91 33 00-0059 GAL Interior, Latex Flat Paint, 300 SF Per Gallon .....	64.35	
09 91 33 00-0060 GAL Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon .....	79.30	
09 91 33 00-0061 GAL Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon .....	131.87	
09 91 33 00-0062 GAL Interior, Ceiling White Latex Flat, 350 SF Per Gallon .....	44.66	
09 91 33 00-0063 GAL Linseed Oil .....	39.03	
09 91 33 00-0064 GAL Latex Floor Paint, 300 SF Per Gallon .....	64.00	
09 91 33 00-0065 GAL Acrylic Floor Paint, 400 SF Per Gallon .....	72.09	
09 91 33 00-0066 GAL Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon .....	65.93	
09 91 33 00-0067 GAL Acoustic Spray-On Texture, Finish .....	52.98	
<b>09 91 33 00-0068 Stain, Varnish</b> <small>(09 91 33)</small>		
09 91 33 00-0069 GAL Thompson Water Sealer, 150 SF Per Gallon .....	36.57	
09 91 33 00-0070 GAL Latex Redwood Stain, Water Base, 300 SF Per Gallon .....	68.22	
09 91 33 00-0071 GAL Redwood Oil Stain, 300 SF Per Gallon .....	60.83	
09 91 33 00-0072 GAL Varnish, Clear .....	43.29	
09 91 33 00-0073 GAL Penetrating Water-Repellent Stain .....	31.45	
09 91 33 00-0074 GAL Redwood Hue Or Clear Stain .....	28.10	
09 91 33 00-0075 GAL Polyurethane .....	49.34	
09 91 33 00-0076 GAL Lacquer, Semi-Gloss .....	64.19	
09 91 33 00-0077 GAL Shellac, Clear .....	84.21	
09 91 33 00-0078 GAL Acetone .....	27.78	
09 91 33 00-0079 GAL Paint Thinner .....	6.86	
09 91 33 00-0080 GAL Shellac Or Lacquer Thinner .....	28.13	
09 91 33 00-0081 GAL Turpentine .....	38.68	
09 91 33 00-0082 GAL Wood Filler Paste .....	66.11	
09 91 33 00-0083 GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon .....	52.75	
09 91 33 00-0084 GAL Water Based Alkyd Urethane (Sherwin Williams B53W01153) .....	105.56	

**09 91 43 Surface Preparation** (09 91)  
See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

**09 93 Staining and Transparent Finishing** (09 90)  
Note: Includes light sanding or screening between coats.

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 93 Staining and Transparent Finishing</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**09 93 13 Exterior Staining and Finishing (09 93)**

**09 93 13 53 Exterior Finishing (09 93 13)**

**09 93 13 53-0001 Stain Sealer (09 93 13 53)**

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF	Stain Sealer, Brush Work.....	1.16
		<i>For Ceiling Work, Add</i>	<i>0.16</i>
		<i>For &gt;5,000 To 10,000, Deduct</i>	<i>-0.03</i>
		<i>For &gt;10,000 To 20,000, Deduct</i>	<i>-0.06</i>
		<i>For &gt;20,000, Deduct</i>	<i>-0.10</i>
09 93 13 53-0003	SF	Stain Sealer, Brush/Roller Work .....	0.93
		<i>For Ceiling Work, Add</i>	<i>0.12</i>
		<i>For &gt;5,000 To 10,000, Deduct</i>	<i>-0.03</i>
		<i>For &gt;10,000 To 20,000, Deduct</i>	<i>-0.05</i>
		<i>For &gt;20,000, Deduct</i>	<i>-0.08</i>
09 93 13 53-0004	SF	Stain Sealer, Sprayed.....	0.36
		<i>For Ceiling Work, Add</i>	<i>0.04</i>
		<i>For &gt;5,000 To 10,000, Deduct</i>	<i>-0.01</i>
		<i>For &gt;10,000 To 20,000, Deduct</i>	<i>-0.02</i>
		<i>For &gt;20,000, Deduct</i>	<i>-0.04</i>

**09 93 23 Interior Staining and Finishing (09 93)**

Note: VOC compliant in all regulated areas, review specifications for levels.

**09 93 23 13 Interior Staining (09 93 23)**

**09 93 23 13-0001 Stain Wood Trim (09 93 23 13)**

09 93 23 13-0002	LF	Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	1.41
		<i>For Up To 100, Add</i>	<i>1.01</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.47</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.20</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.07</i>
09 93 23 13-0003	SF	Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	2.09
		<i>For Up To 100, Add</i>	<i>1.48</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.70</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.30</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.10</i>

**09 93 23 13-0004 Stain Wood Floor (09 93 23 13)**

09 93 23 13-0005	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.65
		<i>For Up To 100, Add</i>	<i>0.40</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.19</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.08</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.03</i>
09 93 23 13-0006	SF	Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work .....	0.49
		<i>For Up To 100, Add</i>	<i>0.28</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.14</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.06</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.02</i>

**09 93 23 13-0007 Stain Wood Door And Window (09 93 23 13)**

09 93 23 13-0008	EA	Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face).....	68.10
		<i>For Up To 4, Add</i>	<i>49.76</i>
		<i>For &gt;4 To 10, Add</i>	<i>23.29</i>
		<i>For &gt;10 To 20, Add</i>	<i>10.00</i>
		<i>For &gt;160, Deduct</i>	<i>-3.41</i>
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	48.39
		<i>For Up To 4, Add</i>	<i>34.35</i>
		<i>For &gt;4 To 10, Add</i>	<i>16.13</i>
		<i>For &gt;10 To 20, Add</i>	<i>6.94</i>
		<i>For &gt;160, Deduct</i>	<i>-2.42</i>

**09 93 23 13-0010 Stain Wood Cabinet (09 93 23 13)**

09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.70
------------------	----	--	------

**09 93 23 53 Interior Finishing (09 93 23)**

**09 93 23 53-0001 Wood Trim Finishes (09 93 23 53)**

09 93 23 53-0002	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane.....	1.71
		<i>For Up To 100, Add</i>	<i>1.14</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.54</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.23</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.09</i>
09 93 23 53-0003	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane.....	1.13
		<i>For Up To 100, Add</i>	<i>0.79</i>
		<i>For &gt;100 To 250, Add</i>	<i>0.37</i>
		<i>For &gt;250 To 500, Add</i>	<i>0.16</i>
		<i>For &gt;4,000, Deduct</i>	<i>-0.06</i>



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Staining and Transparent Finishing	09 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>09 93 23 53-0004</b>			<b>Wood Floor Finishes</b> (09 93 23 53)		
09 93 23 53-0005	SF		Refinish Wood Floor, 2 Coats Polyurethane.....	3.36	
			Note: Includes sanding existing floor.		
			For Up To 100, Add	2.38	
			For >100 To 250, Add	1.12	
			For >250 To 500, Add	0.48	
			For >4,000, Deduct	-0.17	
09 93 23 53-0006	SF		Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.86	
			Note: Includes screening between coats.		
			For Up To 100, Add	0.57	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >4,000, Deduct	-0.04	
09 93 23 53-0007	SF		Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	3.85	
			Note: Includes sanding existing floor.		
			For Up To 100, Add	2.68	
			For >100 To 250, Add	1.26	
			For >250 To 500, Add	0.54	
			For >4,000, Deduct	-0.19	
<b>09 93 23 53-0008</b>			<b>Wood Door And Window Finishes</b> (09 93 23 53)		
			See CSI section 08 14 16 00-0627 for factory finish.		
09 93 23 53-0009	EA		Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face) .....	49.17	
			For Up To 4, Add	35.84	
			For >4 To 10, Add	16.78	
			For >10 To 20, Add	7.20	
			For >160, Deduct	-2.46	
09 93 23 53-0010	EA		Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face) .....	148.99	
			For Up To 4, Add	106.95	
			For >4 To 10, Add	50.15	
			For >10 To 20, Add	21.55	
			For >160, Deduct	-7.45	
<b>09 93 23 53-0011</b>			<b>Cabinet Finishes</b> (09 93 23 53)		
09 93 23 53-0012	SF		Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane .....	1.71	
<b>09 93 23 53-0013</b>			<b>Gym, Stage And Dance Floor Finishes</b> (09 93 23 53)		
09 93 23 53-0014	SF		Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor .....	1.13	
			Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09 93 23 53-0015	SF		Finish New Elementary School Wood Gym, Stage Or Dance Floor .....	4.92	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0016	SF		Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor .....	5.03	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0017	SF		Finish New High School Wood Gym, Stage Or Dance Floor .....	5.13	
			Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0018	SF		Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor.....	4.92	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0019	SF		Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor .....	5.03	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
09 93 23 53-0020	SF		Refinish Existing High School Wood Gym, Stage Or Dance Floor .....	5.13	
			Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
			For Stage Or Dance Floors, Deduct	-0.10	
<b>09 96</b>			<b>High-Performance Coatings</b> (09 90)		
<b>09 96 23</b>			<b>Graffiti-Resistant Coatings</b> (09 96)		
<b>09 96 23 00-0001</b>			<b>Anti-Graffiti Coating</b> (09 96 23)		
09 96 23 00-0002	SF		Sacrificial Anti-Graffiti Coating, Per Coat .....	1.74	
			For Up To 100, Add	1.06	
			For >100 To 250, Add	0.51	
			For >250 To 500, Add	0.22	



<b>09</b>	<b>09</b>	<b>Finishes</b>
	<b>09 90</b>	<b>Painting and Coating</b>
	<b>09 96</b>	<b>High-Performance Coatings</b>



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 96 23 00-0003 SF Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat.....	1.84	
For Up To 100, Add	1.07	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	
<b>09 96 53 Elastomeric Coatings (09 96)</b>		
<b>09 96 53 00-0001 Elastomeric (09 96 53)</b>		
Note: Per coat.		
09 96 53 00-0002 SF 1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors.....	1.05	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 96 53 00-0003 SF 1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors.....	0.90	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 96 53 00-0004 SF 1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors.....	0.74	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 96 53 00-0005 SF 1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors.....	2.18	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.93	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.44	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 96 53 00-0006	SF		1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors .....2.02		
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.21	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.34	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.47	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.81	
				For >100 To 250, Add	0.41	
				For >250 To 500, Add	0.19	
				For >2,500 To 5,000, Deduct	-0.10	
				For >5,000 To 10,000, Deduct	-0.20	
				For >10,000 To 20,000, Deduct	-0.30	
				For >20,000, Deduct	-0.40	
	09 96 53 00-0007	SF		1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors .....2.16		
				For Work >15' To 20' Above Floor, Add	0.09	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.15	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.24	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.32	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.68	
				For >100 To 250, Add	0.36	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.11	
				For >5,000 To 10,000, Deduct	-0.22	
				For >10,000 To 20,000, Deduct	-0.32	
				For >20,000, Deduct	-0.43	
	09 96 53 00-0008	SF		1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead .....1.19		
				For Work >15' To 20' Above Floor, Add	0.15	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.25	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.40	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.55	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.78	
				For >100 To 250, Add	0.37	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.12	
				For >10,000 To 20,000, Deduct	-0.18	
				For >20,000, Deduct	-0.24	
	09 96 53 00-0009	SF		1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead .....1.01		
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.21	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.34	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.46	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.66	
				For >100 To 250, Add	0.31	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	
	09 96 53 00-0010	SF		1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead .....0.83		
				For Work >15' To 20' Above Floor, Add	0.09	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.15	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.24	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.32	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.48	
				For >100 To 250, Add	0.23	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.17	

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 96 High-Performance Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0011 SF 1 Coat, 13 To 16 Wet Mills, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead .....	2.35	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.65	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.06	
For >100 To 250, Add	0.53	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.47	
09 96 53 00-0012 SF 1 Coat, 13 To 16 Wet Mills, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead .....	2.16	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 96 53 00-0013 SF 1 Coat, 13 To 16 Wet Mills, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead.....	2.26	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.34	
For >20,000, Deduct	-0.45	
<b>09 96 56 Epoxy Coatings</b> <small>(09 96)</small>		
09 96 56 00-0001 High Build Epoxy <small>(09 96 56)</small>		
09 96 56 00-0002 SF 50 Mil, High Build Epoxy .....	3.80	
09 96 56 00-0003 Laminated Epoxy With Fiberglass <small>(09 96 56)</small>		
09 96 56 00-0004 SF Laminated Epoxy With Fiberglass .....	7.15	
<b>09 96 66 Aggregate Wall Coatings</b> <small>(09 96)</small>		
09 96 66 00-0001 Troweled On <small>(09 96 66)</small>		
09 96 66 00-0002 SF Exposed Aggregate - 1/16" To 1/4" - Troweled On .....	4.95	
09 96 66 00-0003 SF Exposed Aggregate - 1/2" To 5/8" Troweled On .....	8.90	
09 96 66 00-0004 SF Exposed Aggregate - 1" Troweled On .....	13.21	
09 96 66 00-0005 Sprayed On <small>(09 96 66)</small>		
09 96 66 00-0006 SF Exposed Aggregate - 1/8" - Sprayed On.....	4.02	
<b>09 97 Special Coatings</b> <small>(09 90)</small>		
09 97 13 Steel Coatings <small>(09 97)</small>		
09 97 13 23 Exterior Steel Coatings <small>(09 97 13)</small>		
Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.		
09 97 13 23-0001 Surface Preparation For Structural Steel <small>(09 97 13 23)</small>		
Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**09 97 13 23-0002 SSSP SP2 Hand Tool Cleaning Surface Preparation For Structural Steel** <sup>(09 97 13 23-0001)</sup>  
 Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSSP-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.

09 97 13 23-0003	SF	Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation .....	1.87
		<i>For Up To 100, Add</i>	1.40
		<i>For &gt;100 To 250, Add</i>	0.65
		<i>For &gt;250 To 500, Add</i>	0.28
09 97 13 23-0004	SF	Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation .....	1.79
		<i>For Up To 100, Add</i>	1.34
		<i>For &gt;100 To 250, Add</i>	0.63
		<i>For &gt;250 To 500, Add</i>	0.27
09 97 13 23-0005	SF	Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation .....	1.79
		<i>For Up To 100, Add</i>	1.34
		<i>For &gt;100 To 250, Add</i>	0.63
		<i>For &gt;250 To 500, Add</i>	0.27
09 97 13 23-0006	SF	Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation .....	2.43
		<i>For Up To 100, Add</i>	1.82
		<i>For &gt;100 To 250, Add</i>	0.85
		<i>For &gt;250 To 500, Add</i>	0.36

**09 97 13 23-0007 SSSP SP3 Power Tool Cleaning Surface Preparation For Structural Steel** <sup>(09 97 13 23-0001)</sup>  
 Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSSP-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.

09 97 13 23-0008	SF	Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation.....	2.02
		<i>For Up To 100, Add</i>	1.52
		<i>For &gt;100 To 250, Add</i>	0.71
		<i>For &gt;250 To 500, Add</i>	0.30
09 97 13 23-0009	SF	Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation.....	1.95
		<i>For Up To 100, Add</i>	1.46
		<i>For &gt;100 To 250, Add</i>	0.68
		<i>For &gt;250 To 500, Add</i>	0.29
09 97 13 23-0010	SF	Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation.....	1.95
		<i>For Up To 100, Add</i>	1.46
		<i>For &gt;100 To 250, Add</i>	0.68
		<i>For &gt;250 To 500, Add</i>	0.29
09 97 13 23-0011	SF	Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation .....	2.64
		<i>For Up To 100, Add</i>	1.98
		<i>For &gt;100 To 250, Add</i>	0.92
		<i>For &gt;250 To 500, Add</i>	0.40
09 97 13 23-0012	SF	>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation .....	2.37
		<i>For Up To 100, Add</i>	1.78
		<i>For &gt;100 To 250, Add</i>	0.83
		<i>For &gt;250 To 500, Add</i>	0.36

**09 97 13 23-0013 SSSP SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel** <sup>(09 97 13 23-0001)</sup>  
 Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSSP-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSSP-SP1

09 97 13 23-0014	SF	Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	1.24
		<i>For Up To 100, Add</i>	0.86
		<i>For &gt;100 To 250, Add</i>	0.41
		<i>For &gt;250 To 500, Add</i>	0.18
09 97 13 23-0015	SF	Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	1.09
		<i>For Up To 100, Add</i>	0.76
		<i>For &gt;100 To 250, Add</i>	0.36
		<i>For &gt;250 To 500, Add</i>	0.15
09 97 13 23-0016	SF	Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	1.08
		<i>For Up To 100, Add</i>	0.76
		<i>For &gt;100 To 250, Add</i>	0.36
		<i>For &gt;250 To 500, Add</i>	0.15
09 97 13 23-0017	SF	Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation .....	1.54
		<i>For Up To 100, Add</i>	1.09
		<i>For &gt;100 To 250, Add</i>	0.51
		<i>For &gt;250 To 500, Add</i>	0.22

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 97 Special Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

09 97 13 23-0018	<b>SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel</b> <small>(09 97 13 23-0001)</small> Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.	
09 97 13 23-0019	SF Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	3.19
	<i>For Up To 100, Add</i>	2.27
	<i>For &gt;100 To 250, Add</i>	1.07
	<i>For &gt;250 To 500, Add</i>	0.46
09 97 13 23-0020	SF Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.76
	<i>For Up To 100, Add</i>	1.96
	<i>For &gt;100 To 250, Add</i>	0.92
	<i>For &gt;250 To 500, Add</i>	0.40
09 97 13 23-0021	SF Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.57
	<i>For Up To 100, Add</i>	1.81
	<i>For &gt;100 To 250, Add</i>	0.85
	<i>For &gt;250 To 500, Add</i>	0.37
09 97 13 23-0022	SF Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation.....	3.99
	<i>For Up To 100, Add</i>	2.87
	<i>For &gt;100 To 250, Add</i>	1.35
	<i>For &gt;250 To 500, Add</i>	0.58

09 97 13 23-0023	<b>SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel</b> <small>(09 97 13 23-0001)</small> Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.	
09 97 13 23-0024	SF Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	6.19
	<i>For Up To 100, Add</i>	4.44
	<i>For &gt;100 To 250, Add</i>	2.08
	<i>For &gt;250 To 500, Add</i>	0.89
09 97 13 23-0025	SF Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	5.29
	<i>For Up To 100, Add</i>	3.78
	<i>For &gt;100 To 250, Add</i>	1.77
	<i>For &gt;250 To 500, Add</i>	0.76
09 97 13 23-0026	SF Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.86
	<i>For Up To 100, Add</i>	3.45
	<i>For &gt;100 To 250, Add</i>	1.62
	<i>For &gt;250 To 500, Add</i>	0.70
09 97 13 23-0027	SF Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	7.48
	<i>For Up To 100, Add</i>	5.41
	<i>For &gt;100 To 250, Add</i>	2.53
	<i>For &gt;250 To 500, Add</i>	1.09

09 97 13 23-0028	<b>SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel</b> <small>(09 97 13 23-0001)</small> Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.	
09 97 13 23-0029	SF Type 1 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation.....	4.60
	<i>For Up To 100, Add</i>	3.29
	<i>For &gt;100 To 250, Add</i>	1.54
	<i>For &gt;250 To 500, Add</i>	0.66
09 97 13 23-0030	SF Type 2 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation.....	3.92
	<i>For Up To 100, Add</i>	2.80
	<i>For &gt;100 To 250, Add</i>	1.31
	<i>For &gt;250 To 500, Add</i>	0.56
09 97 13 23-0031	SF Type 3 Structural Steel SP10 Near White Metal Blast Cleaning Surface Preparation.....	3.71
	<i>For Up To 100, Add</i>	2.64
	<i>For &gt;100 To 250, Add</i>	1.24
	<i>For &gt;250 To 500, Add</i>	0.53
09 97 13 23-0032	SF Up To 14" Diameter Pipe SP10 Near White Metal Blast Cleaning Surface Preparation.....	5.44
	<i>For Up To 100, Add</i>	3.94
	<i>For &gt;100 To 250, Add</i>	1.84
	<i>For &gt;250 To 500, Add</i>	0.79

09 97 13 23-0033	<b>Protective Coatings For Tanks And Structural Steel</b> <small>(09 97 13 23)</small> Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.	
------------------	--	--

09 97 13 23-0034	<b>1.5 Mil Prime Coat For Structural Steel</b> <small>(09 97 13 23-0033)</small>	
------------------	---	--



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97	13 23-0035	SF	Spray Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.32	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 250, Add</i>	0.41	
			<i>For &gt;250 To 500, Add</i>	0.18	
09 97	13 23-0036	SF	Spray Type 2 Structural Steel 1.5 Mil Prime Coat.....	0.98	
			<i>For Up To 100, Add</i>	0.63	
			<i>For &gt;100 To 250, Add</i>	0.30	
			<i>For &gt;250 To 500, Add</i>	0.13	
09 97	13 23-0037	SF	Spray Type 3 Structural Steel 1.5 Mil Prime Coat.....	0.88	
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 250, Add</i>	0.27	
			<i>For &gt;250 To 500, Add</i>	0.12	
09 97	13 23-0038	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	1.57	
			<i>For Up To 100, Add</i>	1.06	
			<i>For &gt;100 To 250, Add</i>	0.50	
			<i>For &gt;250 To 500, Add</i>	0.22	
09 97	13 23-0039	SF	Brush Type 1 Structural Steel 1.5 Mil Prime Coat.....	1.81	
			<i>For Up To 100, Add</i>	1.24	
			<i>For &gt;100 To 250, Add</i>	0.58	
			<i>For &gt;250 To 500, Add</i>	0.25	
09 97	13 23-0040	SF	Brush Type 2 Structural Steel 1.5 Mil Prime Coat.....	1.34	
			<i>For Up To 100, Add</i>	0.90	
			<i>For &gt;100 To 250, Add</i>	0.43	
			<i>For &gt;250 To 500, Add</i>	0.18	
09 97	13 23-0041	SF	Brush Type 3 Structural Steel 1.5 Mil Prime Coat.....	1.20	
			<i>For Up To 100, Add</i>	0.80	
			<i>For &gt;100 To 250, Add</i>	0.38	
			<i>For &gt;250 To 500, Add</i>	0.16	
09 97	13 23-0042	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat .....	2.17	
			<i>For Up To 100, Add</i>	1.51	
			<i>For &gt;100 To 250, Add</i>	0.71	
			<i>For &gt;250 To 500, Add</i>	0.31	
09 97	13 23-0043		<b>1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>		
09 97	13 23-0044	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.88	
			<i>For Up To 100, Add</i>	2.53	
			<i>For &gt;100 To 250, Add</i>	1.20	
			<i>For &gt;250 To 500, Add</i>	0.52	
09 97	13 23-0045	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.80	
			<i>For Up To 100, Add</i>	1.76	
			<i>For &gt;100 To 250, Add</i>	0.84	
			<i>For &gt;250 To 500, Add</i>	0.36	
09 97	13 23-0046	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.59	
			<i>For Up To 100, Add</i>	1.60	
			<i>For &gt;100 To 250, Add</i>	0.76	
			<i>For &gt;250 To 500, Add</i>	0.33	
09 97	13 23-0047	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.71	
			<i>For Up To 100, Add</i>	3.14	
			<i>For &gt;100 To 250, Add</i>	1.49	
			<i>For &gt;250 To 500, Add</i>	0.64	
09 97	13 23-0048	SF	Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.90	
			<i>For Up To 100, Add</i>	1.89	
			<i>For &gt;100 To 250, Add</i>	0.90	
			<i>For &gt;250 To 500, Add</i>	0.39	
09 97	13 23-0049	SF	Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.10	
			<i>For Up To 100, Add</i>	1.32	
			<i>For &gt;100 To 250, Add</i>	0.63	
			<i>For &gt;250 To 500, Add</i>	0.27	
09 97	13 23-0050	SF	Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.95	
			<i>For Up To 100, Add</i>	1.20	
			<i>For &gt;100 To 250, Add</i>	0.58	
			<i>For &gt;250 To 500, Add</i>	0.25	
09 97	13 23-0051	SF	Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	3.53	
			<i>For Up To 100, Add</i>	2.35	
			<i>For &gt;100 To 250, Add</i>	1.11	
			<i>For &gt;250 To 500, Add</i>	0.48	
09 97	13 23-0052	SF	Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	5.75	
			<i>For Up To 100, Add</i>	3.93	
			<i>For &gt;100 To 250, Add</i>	1.86	
			<i>For &gt;250 To 500, Add</i>	0.80	
09 97	13 23-0053	SF	Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.09	
			<i>For Up To 100, Add</i>	2.73	
			<i>For &gt;100 To 250, Add</i>	1.29	
			<i>For &gt;250 To 500, Add</i>	0.56	
09 97	13 23-0054	SF	Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.77	
			<i>For Up To 100, Add</i>	2.49	
			<i>For &gt;100 To 250, Add</i>	1.18	
			<i>For &gt;250 To 500, Add</i>	0.51	
09 97	13 23-0055	SF	Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	7.04	
			<i>For Up To 100, Add</i>	4.89	
			<i>For &gt;100 To 250, Add</i>	2.30	
			<i>For &gt;250 To 500, Add</i>	0.99	



**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0056	SF		Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	4.31	
			<i>For Up To 100, Add</i>	2.95	
			<i>For &gt;100 To 250, Add</i>	1.39	
			<i>For &gt;250 To 500, Add</i>	0.60	
09 97 13 23-0057	SF		Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	3.06	
			<i>For Up To 100, Add</i>	2.04	
			<i>For &gt;100 To 250, Add</i>	0.96	
			<i>For &gt;250 To 500, Add</i>	0.42	
09 97 13 23-0058	SF		Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	2.82	
			<i>For Up To 100, Add</i>	1.86	
			<i>For &gt;100 To 250, Add</i>	0.88	
			<i>For &gt;250 To 500, Add</i>	0.38	
09 97 13 23-0059	SF		Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	5.28	
			<i>For Up To 100, Add</i>	3.67	
			<i>For &gt;100 To 250, Add</i>	1.73	
			<i>For &gt;250 To 500, Add</i>	0.74	
<b>09 97 13 23-0060</b>			<b>Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel</b> (09 97 13 23-0033)		
09 97 13 23-0061	SF		Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.00	
			<i>For Up To 100, Add</i>	1.97	
			<i>For &gt;100 To 250, Add</i>	0.94	
			<i>For &gt;250 To 500, Add</i>	0.40	
09 97 13 23-0062	SF		Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	2.44	
			<i>For Up To 100, Add</i>	1.58	
			<i>For &gt;100 To 250, Add</i>	0.75	
			<i>For &gt;250 To 500, Add</i>	0.32	
09 97 13 23-0063	SF		Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	2.25	
			<i>For Up To 100, Add</i>	1.44	
			<i>For &gt;100 To 250, Add</i>	0.68	
			<i>For &gt;250 To 500, Add</i>	0.30	
09 97 13 23-0064	SF		Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.72	
			<i>For Up To 100, Add</i>	2.51	
			<i>For &gt;100 To 250, Add</i>	1.18	
			<i>For &gt;250 To 500, Add</i>	0.51	
09 97 13 23-0065	SF		Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.91	
			<i>For Up To 100, Add</i>	1.26	
			<i>For &gt;100 To 250, Add</i>	0.60	
			<i>For &gt;250 To 500, Add</i>	0.26	
09 97 13 23-0066	SF		Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.56	
			<i>For Up To 100, Add</i>	1.01	
			<i>For &gt;100 To 250, Add</i>	0.48	
			<i>For &gt;250 To 500, Add</i>	0.21	
09 97 13 23-0067	SF		Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.44	
			<i>For Up To 100, Add</i>	0.92	
			<i>For &gt;100 To 250, Add</i>	0.44	
			<i>For &gt;250 To 500, Add</i>	0.19	
09 97 13 23-0068	SF		Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	2.38	
			<i>For Up To 100, Add</i>	1.61	
			<i>For &gt;100 To 250, Add</i>	0.76	
			<i>For &gt;250 To 500, Add</i>	0.33	
09 97 13 23-0069	SF		Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	4.11	
			<i>For Up To 100, Add</i>	2.81	
			<i>For &gt;100 To 250, Add</i>	1.32	
			<i>For &gt;250 To 500, Add</i>	0.57	
09 97 13 23-0070	SF		Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.33	
			<i>For Up To 100, Add</i>	2.25	
			<i>For &gt;100 To 250, Add</i>	1.06	
			<i>For &gt;250 To 500, Add</i>	0.46	
09 97 13 23-0071	SF		Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	3.04	
			<i>For Up To 100, Add</i>	2.03	
			<i>For &gt;100 To 250, Add</i>	0.96	
			<i>For &gt;250 To 500, Add</i>	0.41	
09 97 13 23-0072	SF		Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	5.13	
			<i>For Up To 100, Add</i>	3.57	
			<i>For &gt;100 To 250, Add</i>	1.68	
			<i>For &gt;250 To 500, Add</i>	0.72	
09 97 13 23-0073	SF		Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	2.62	
			<i>For Up To 100, Add</i>	1.79	
			<i>For &gt;100 To 250, Add</i>	0.84	
			<i>For &gt;250 To 500, Add</i>	0.36	
09 97 13 23-0074	SF		Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	2.14	
			<i>For Up To 100, Add</i>	1.44	
			<i>For &gt;100 To 250, Add</i>	0.68	
			<i>For &gt;250 To 500, Add</i>	0.29	
09 97 13 23-0075	SF		Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.95	
			<i>For Up To 100, Add</i>	1.30	
			<i>For &gt;100 To 250, Add</i>	0.62	
			<i>For &gt;250 To 500, Add</i>	0.27	
09 97 13 23-0076	SF		Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	3.29	
			<i>For Up To 100, Add</i>	2.29	
			<i>For &gt;100 To 250, Add</i>	1.08	
			<i>For &gt;250 To 500, Add</i>	0.46	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

09 97 13 23-0077	<b>2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>	
09 97 13 23-0078	SF Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	4.92
	<i>For Up To 100, Add</i>	2.93
	<i>For &gt;100 To 250, Add</i>	1.40
	<i>For &gt;250 To 500, Add</i>	0.61
09 97 13 23-0079	SF Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	3.59
	<i>For Up To 100, Add</i>	2.00
	<i>For &gt;100 To 250, Add</i>	0.97
	<i>For &gt;250 To 500, Add</i>	0.42
09 97 13 23-0080	SF Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	3.18
	<i>For Up To 100, Add</i>	1.69
	<i>For &gt;100 To 250, Add</i>	0.82
	<i>For &gt;250 To 500, Add</i>	0.36
09 97 13 23-0081	SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	5.58
	<i>For Up To 100, Add</i>	3.39
	<i>For &gt;100 To 250, Add</i>	1.62
	<i>For &gt;250 To 500, Add</i>	0.71
09 97 13 23-0082	SF Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	3.45
	<i>For Up To 100, Add</i>	2.05
	<i>For &gt;100 To 250, Add</i>	0.99
	<i>For &gt;250 To 500, Add</i>	0.43
09 97 13 23-0083	SF Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.52
	<i>For Up To 100, Add</i>	1.40
	<i>For &gt;100 To 250, Add</i>	0.68
	<i>For &gt;250 To 500, Add</i>	0.30
09 97 13 23-0084	SF Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.23
	<i>For Up To 100, Add</i>	1.19
	<i>For &gt;100 To 250, Add</i>	0.58
	<i>For &gt;250 To 500, Add</i>	0.25
09 97 13 23-0085	SF Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	3.90
	<i>For Up To 100, Add</i>	2.37
	<i>For &gt;100 To 250, Add</i>	1.14
	<i>For &gt;250 To 500, Add</i>	0.49

09 97 13 23-0086	<b>2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>	
09 97 13 23-0087	SF Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	5.29
	<i>For Up To 100, Add</i>	2.98
	<i>For &gt;100 To 250, Add</i>	1.44
	<i>For &gt;250 To 500, Add</i>	0.63
09 97 13 23-0088	SF Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	3.91
	<i>For Up To 100, Add</i>	2.04
	<i>For &gt;100 To 250, Add</i>	1.00
	<i>For &gt;250 To 500, Add</i>	0.44
09 97 13 23-0089	SF Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	3.50
	<i>For Up To 100, Add</i>	1.74
	<i>For &gt;100 To 250, Add</i>	0.86
	<i>For &gt;250 To 500, Add</i>	0.38
09 97 13 23-0090	SF Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	5.95
	<i>For Up To 100, Add</i>	3.45
	<i>For &gt;100 To 250, Add</i>	1.66
	<i>For &gt;250 To 500, Add</i>	0.72
09 97 13 23-0091	SF Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats .....	4.33
	<i>For Up To 100, Add</i>	2.44
	<i>For &gt;100 To 250, Add</i>	1.18
	<i>For &gt;250 To 500, Add</i>	0.52
09 97 13 23-0092	SF Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats .....	3.21
	<i>For Up To 100, Add</i>	1.68
	<i>For &gt;100 To 250, Add</i>	0.82
	<i>For &gt;250 To 500, Add</i>	0.36
09 97 13 23-0093	SF Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats .....	2.88
	<i>For Up To 100, Add</i>	1.43
	<i>For &gt;100 To 250, Add</i>	0.70
	<i>For &gt;250 To 500, Add</i>	0.31
09 97 13 23-0094	SF Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats .....	4.88
	<i>For Up To 100, Add</i>	2.83
	<i>For &gt;100 To 250, Add</i>	1.36
	<i>For &gt;250 To 500, Add</i>	0.59

09 97 13 23-0095	<b>1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>	
09 97 13 23-0096	SF Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	11.05
	<i>For Up To 100, Add</i>	6.40
	<i>For &gt;100 To 250, Add</i>	3.08
	<i>For &gt;250 To 500, Add</i>	1.34
09 97 13 23-0097	SF Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	8.39
	<i>For Up To 100, Add</i>	4.61
	<i>For &gt;100 To 250, Add</i>	2.23
	<i>For &gt;250 To 500, Add</i>	0.98

**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0098	SF		Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	8.08	
			<i>For Up To 100, Add</i>	4.37	
			<i>For &gt;100 To 250, Add</i>	2.13	
			<i>For &gt;250 To 500, Add</i>	0.93	
09 97 13 23-0099	SF		Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	12.84	
			<i>For Up To 100, Add</i>	7.71	
			<i>For &gt;100 To 250, Add</i>	3.69	
			<i>For &gt;250 To 500, Add</i>	1.61	
<b>09 97 13 23-0100</b>			<b>1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>		
09 97 13 23-0101	SF		Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	5.82	
			<i>For Up To 100, Add</i>	3.12	
			<i>For &gt;100 To 250, Add</i>	1.52	
			<i>For &gt;250 To 500, Add</i>	0.67	
09 97 13 23-0102	SF		Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.60	
			<i>For Up To 100, Add</i>	2.21	
			<i>For &gt;100 To 250, Add</i>	1.10	
			<i>For &gt;250 To 500, Add</i>	0.48	
09 97 13 23-0103	SF		Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.39	
			<i>For Up To 100, Add</i>	2.06	
			<i>For &gt;100 To 250, Add</i>	1.02	
			<i>For &gt;250 To 500, Add</i>	0.45	
09 97 13 23-0104	SF		Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	6.60	
			<i>For Up To 100, Add</i>	3.67	
			<i>For &gt;100 To 250, Add</i>	1.78	
			<i>For &gt;250 To 500, Add</i>	0.78	
09 97 13 23-0105	SF		Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	4.61	
			<i>For Up To 100, Add</i>	2.47	
			<i>For &gt;100 To 250, Add</i>	1.20	
			<i>For &gt;250 To 500, Add</i>	0.53	
09 97 13 23-0106	SF		Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.63	
			<i>For Up To 100, Add</i>	1.74	
			<i>For &gt;100 To 250, Add</i>	0.86	
			<i>For &gt;250 To 500, Add</i>	0.38	
09 97 13 23-0107	SF		Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.47	
			<i>For Up To 100, Add</i>	1.62	
			<i>For &gt;100 To 250, Add</i>	0.81	
			<i>For &gt;250 To 500, Add</i>	0.36	
09 97 13 23-0108	SF		Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	5.21	
			<i>For Up To 100, Add</i>	2.89	
			<i>For &gt;100 To 250, Add</i>	1.40	
			<i>For &gt;250 To 500, Add</i>	0.61	
<b>09 97 13 23-0109</b>			<b>Two 8 Mil Coal Tar Epoxy Coats For Structural Steel</b> <small>(09 97 13 23-0033)</small>		
09 97 13 23-0110	SF		Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	4.93	
			<i>For Up To 100, Add</i>	2.99	
			<i>For &gt;100 To 250, Add</i>	1.43	
			<i>For &gt;250 To 500, Add</i>	0.62	
09 97 13 23-0111	SF		Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	4.01	
			<i>For Up To 100, Add</i>	2.37	
			<i>For &gt;100 To 250, Add</i>	1.14	
			<i>For &gt;250 To 500, Add</i>	0.49	
09 97 13 23-0112	SF		Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.71	
			<i>For Up To 100, Add</i>	2.14	
			<i>For &gt;100 To 250, Add</i>	1.03	
			<i>For &gt;250 To 500, Add</i>	0.45	
09 97 13 23-0113	SF		Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	6.09	
			<i>For Up To 100, Add</i>	3.84	
			<i>For &gt;100 To 250, Add</i>	1.83	
			<i>For &gt;250 To 500, Add</i>	0.79	
<b>09 97 13 23-0114</b>			<b>One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel</b> <small>(09 97 13 23-0033)</small>		
09 97 13 23-0115	SF		Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	4.74	
			<i>For Up To 100, Add</i>	3.02	
			<i>For &gt;100 To 250, Add</i>	1.44	
			<i>For &gt;250 To 500, Add</i>	0.62	
09 97 13 23-0116	SF		Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.38	
			<i>For Up To 100, Add</i>	2.03	
			<i>For &gt;100 To 250, Add</i>	0.97	
			<i>For &gt;250 To 500, Add</i>	0.42	
09 97 13 23-0117	SF		Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.86	
			<i>For Up To 100, Add</i>	1.64	
			<i>For &gt;100 To 250, Add</i>	0.79	
			<i>For &gt;250 To 500, Add</i>	0.35	



		<b>Finishes</b>	<b>09</b>
		Painting and Coating	09 90
		Special Coatings	09 97

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
09 97 13 23-0118 SF Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat	5.41	
For Up To 100, Add	3.49	
For >100 To 250, Add	1.66	
For >250 To 500, Add	0.72	
<b>09 97 13 23-0119 One 3 Mil High Zinc Silicate Coat For Structural Steel</b> (09 97 13 23-0033)		
09 97 13 23-0120 SF Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat	2.55	
For Up To 100, Add	1.35	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.29	
09 97 13 23-0121 SF Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat	1.87	
For Up To 100, Add	0.89	
For >100 To 250, Add	0.44	
For >250 To 500, Add	0.20	
09 97 13 23-0122 SF Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat	1.76	
For Up To 100, Add	0.81	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.18	
09 97 13 23-0123 SF Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat	2.69	
For Up To 100, Add	1.44	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.31	
<b>09 97 13 23-0124 Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel</b> (09 97 13 23-0033)		
Note: Installed over existing primer.		
09 97 13 23-0125 SF Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.92	
For Up To 100, Add	2.29	
For >100 To 250, Add	1.10	
For >250 To 500, Add	0.48	
09 97 13 23-0126 SF Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	3.21	
For Up To 100, Add	1.82	
For >100 To 250, Add	0.88	
For >250 To 500, Add	0.38	
09 97 13 23-0127 SF Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats	2.81	
For Up To 100, Add	1.52	
For >100 To 250, Add	0.74	
For >250 To 500, Add	0.32	
09 97 13 23-0128 SF Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats	4.57	
For Up To 100, Add	2.76	
For >100 To 250, Add	1.32	
For >250 To 500, Add	0.57	
<b>09 97 13 24 Steel Water Storage Tank Painting</b> (09 97 13)		
09 97 13 24-0001 Surface Preparation For Tanks (09 97 13 24)		
Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6" diameter.		
09 97 13 24-0002 SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0003 SF Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.79	
For Up To 100, Add	1.34	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
09 97 13 24-0004 SF Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation	1.59	
For Up To 100, Add	1.19	
For >100 To 250, Add	0.56	
For >250 To 500, Add	0.24	
09 97 13 24-0005 SF Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation	2.25	
For Up To 100, Add	1.69	
For >100 To 250, Add	0.79	
For >250 To 500, Add	0.34	
09 97 13 24-0006 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0007 SF Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	1.04	
For Up To 100, Add	0.73	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
09 97 13 24-0008 SF Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.84	
For Up To 100, Add	0.59	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
09 97 13 24-0009 SF Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.47	
For Up To 100, Add	1.07	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.21	
09 97 13 24-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		

**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0011	SF		Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation.....	2.56	
			For Up To 100, Add	1.81	
			For >100 To 250, Add	0.85	
			For >250 To 500, Add	0.37	
09 97 13 24-0012	SF		Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation .....	2.35	
			For Up To 100, Add	1.65	
			For >100 To 250, Add	0.78	
			For >250 To 500, Add	0.33	
09 97 13 24-0013	SF		Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation .....	3.42	
			For Up To 100, Add	2.46	
			For >100 To 250, Add	1.15	
			For >250 To 500, Add	0.50	
<b>09 97 13 24-0014</b>			<b>SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks (09 97 13</b>		
			<b>24-0001)</b>		
09 97 13 24-0015	SF		Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	4.63	
			For Up To 100, Add	3.29	
			For >100 To 250, Add	1.55	
			For >250 To 500, Add	0.66	
09 97 13 24-0016	SF		Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation .....	4.41	
			For Up To 100, Add	3.13	
			For >100 To 250, Add	1.47	
			For >250 To 500, Add	0.63	
09 97 13 24-0017	SF		Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation.....	6.47	
			For Up To 100, Add	4.67	
			For >100 To 250, Add	2.19	
			For >250 To 500, Add	0.94	
<b>09 97 13 24-0018</b>			<b>SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For</b>		
			<b>Tanks (09 97 13 24-0001)</b>		
09 97 13 24-0019	SF		Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation .....	3.70	
			For Up To 100, Add	2.64	
			For >100 To 250, Add	1.24	
			For >250 To 500, Add	0.53	
09 97 13 24-0020	SF		Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation .....	3.70	
			For Up To 100, Add	2.64	
			For >100 To 250, Add	1.24	
			For >250 To 500, Add	0.53	
09 97 13 24-0021	SF		Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation.....	5.43	
			For Up To 100, Add	3.93	
			For >100 To 250, Add	1.84	
			For >250 To 500, Add	0.79	
<b>09 97 13 24-0022</b>			<b>Protective Coatings For Tanks (09 97 13 24)</b>		
			Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
<b>09 97 13 24-0023</b>			<b>1.5 Mil Prime Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0024	SF		Spray Small Vessel/Tank 1.5 Mil Prime Coat .....	0.77	
			For Up To 100, Add	0.48	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
09 97 13 24-0025	SF		Spray Large Vessel/Tank 1.5 Mil Prime Coat .....	0.62	
			For Up To 100, Add	0.37	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
09 97 13 24-0026	SF		Spray Tank Interior 1.5 Mil Prime Coat.....	1.48	
			For Up To 100, Add	1.01	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
09 97 13 24-0027	SF		Brush Small Vessel/Tank 1.5 Mil Prime Coat .....	1.03	
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
09 97 13 24-0028	SF		Brush Large Vessel/Tank 1.5 Mil Prime Coat .....	0.83	
			For Up To 100, Add	0.53	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
09 97 13 24-0029	SF		Brush Tank Interior 1.5 Mil Prime Coat.....	2.06	
			For Up To 100, Add	1.45	
			For >100 To 250, Add	0.68	
			For >250 To 500, Add	0.29	
<b>09 97 13 24-0030</b>			<b>1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0031	SF		Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.29	
			For Up To 100, Add	1.38	
			For >100 To 250, Add	0.66	
			For >250 To 500, Add	0.29	



	<b>Finishes</b>	<b>09</b>
	Painting and Coating	09 90
	Special Coatings	09 97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0032 SF Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	1.77	
For Up To 100, Add	0.99	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
09 97 13 24-0033 SF Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	4.21	
For Up To 100, Add	2.82	
For >100 To 250, Add	1.33	
For >250 To 500, Add	0.58	
09 97 13 24-0034 SF Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.71	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
09 97 13 24-0035 SF Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	1.33	
For Up To 100, Add	0.75	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
09 97 13 24-0036 SF Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	3.16	
For Up To 100, Add	2.12	
For >100 To 250, Add	1.00	
For >250 To 500, Add	0.43	
09 97 13 24-0037 SF Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.27	
For Up To 100, Add	2.12	
For >100 To 250, Add	1.00	
For >250 To 500, Add	0.43	
09 97 13 24-0038 SF Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	2.48	
For Up To 100, Add	1.52	
For >100 To 250, Add	0.73	
For >250 To 500, Add	0.32	
09 97 13 24-0039 SF Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats .....	6.31	
For Up To 100, Add	4.40	
For >100 To 250, Add	2.07	
For >250 To 500, Add	0.89	
09 97 13 24-0040 SF Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.46	
For Up To 100, Add	1.59	
For >100 To 250, Add	0.76	
For >250 To 500, Add	0.33	
09 97 13 24-0041 SF Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	1.86	
For Up To 100, Add	1.14	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
09 97 13 24-0042 SF Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats .....	4.73	
For Up To 100, Add	3.30	
For >100 To 250, Add	1.55	
For >250 To 500, Add	0.67	
<b>09 97 13 24-0043 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks</b> (09 97 13 24-0022)		
09 97 13 24-0044 SF Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.02	
For Up To 100, Add	1.28	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
09 97 13 24-0045 SF Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.72	
For Up To 100, Add	1.05	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
09 97 13 24-0046 SF Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	4.36	
For Up To 100, Add	3.03	
For >100 To 250, Add	1.43	
For >250 To 500, Add	0.61	
09 97 13 24-0047 SF Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.30	
For Up To 100, Add	0.82	
For >100 To 250, Add	0.39	
For >250 To 500, Add	0.17	
09 97 13 24-0048 SF Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat .....	1.10	
For Up To 100, Add	0.67	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
09 97 13 24-0049 SF Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats .....	2.79	
For Up To 100, Add	1.94	
For >100 To 250, Add	0.91	
For >250 To 500, Add	0.39	
09 97 13 24-0050 SF Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.73	
For Up To 100, Add	1.81	
For >100 To 250, Add	0.86	
For >250 To 500, Add	0.37	
09 97 13 24-0051 SF Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.30	
For Up To 100, Add	1.49	
For >100 To 250, Add	0.71	
For >250 To 500, Add	0.31	
09 97 13 24-0052 SF Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats .....	6.49	
For Up To 100, Add	4.71	
For >100 To 250, Add	2.21	
For >250 To 500, Add	0.95	



**09 Finishes****09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0053	SF		Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.76	
			<i>For Up To 100, Add</i>	1.16	
			<i>For &gt;100 To 250, Add</i>	0.55	
			<i>For &gt;250 To 500, Add</i>	0.24	
09 97 13 24-0054	SF		Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.48	
			<i>For Up To 100, Add</i>	0.95	
			<i>For &gt;100 To 250, Add</i>	0.45	
			<i>For &gt;250 To 500, Add</i>	0.20	
09 97 13 24-0055	SF		Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats .....	4.25	
			<i>For Up To 100, Add</i>	3.03	
			<i>For &gt;100 To 250, Add</i>	1.42	
			<i>For &gt;250 To 500, Add</i>	0.61	
<b>09 97 13 24-0056</b>			<b>2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0057	SF		Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.95	
			<i>For Up To 100, Add</i>	1.54	
			<i>For &gt;100 To 250, Add</i>	0.75	
			<i>For &gt;250 To 500, Add</i>	0.33	
09 97 13 24-0058	SF		Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.54	
			<i>For Up To 100, Add</i>	1.23	
			<i>For &gt;100 To 250, Add</i>	0.61	
			<i>For &gt;250 To 500, Add</i>	0.27	
09 97 13 24-0059	SF		Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	2.06	
			<i>For Up To 100, Add</i>	1.07	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.23	
09 97 13 24-0060	SF		Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats .....	1.79	
			<i>For Up To 100, Add</i>	0.87	
			<i>For &gt;100 To 250, Add</i>	0.43	
			<i>For &gt;250 To 500, Add</i>	0.19	
<b>09 97 13 24-0061</b>			<b>2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0062	SF		Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	3.27	
			<i>For Up To 100, Add</i>	1.59	
			<i>For &gt;100 To 250, Add</i>	0.78	
			<i>For &gt;250 To 500, Add</i>	0.35	
09 97 13 24-0063	SF		Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats .....	2.86	
			<i>For Up To 100, Add</i>	1.28	
			<i>For &gt;100 To 250, Add</i>	0.64	
			<i>For &gt;250 To 500, Add</i>	0.29	
09 97 13 24-0064	SF		Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats .....	2.68	
			<i>For Up To 100, Add</i>	1.30	
			<i>For &gt;100 To 250, Add</i>	0.64	
			<i>For &gt;250 To 500, Add</i>	0.28	
09 97 13 24-0065	SF		Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats .....	2.34	
			<i>For Up To 100, Add</i>	1.05	
			<i>For &gt;100 To 250, Add</i>	0.52	
			<i>For &gt;250 To 500, Add</i>	0.23	
<b>09 97 13 24-0066</b>			<b>1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0067	SF		Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	7.80	
			<i>For Up To 100, Add</i>	4.21	
			<i>For &gt;100 To 250, Add</i>	2.05	
			<i>For &gt;250 To 500, Add</i>	0.90	
09 97 13 24-0068	SF		Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	7.19	
			<i>For Up To 100, Add</i>	3.75	
			<i>For &gt;100 To 250, Add</i>	1.83	
			<i>For &gt;250 To 500, Add</i>	0.81	
09 97 13 24-0069	SF		Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats .....	11.86	
			<i>For Up To 100, Add</i>	7.26	
			<i>For &gt;100 To 250, Add</i>	3.47	
			<i>For &gt;250 To 500, Add</i>	1.51	
<b>09 97 13 24-0070</b>			<b>1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks</b> <small>(09 97 13 24-0022)</small>		
09 97 13 24-0071	SF		Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	4.10	
			<i>For Up To 100, Add</i>	1.98	
			<i>For &gt;100 To 250, Add</i>	0.98	
			<i>For &gt;250 To 500, Add</i>	0.43	
09 97 13 24-0072	SF		Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	3.66	
			<i>For Up To 100, Add</i>	1.65	
			<i>For &gt;100 To 250, Add</i>	0.82	
			<i>For &gt;250 To 500, Add</i>	0.37	
09 97 13 24-0073	SF		Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats .....	6.09	
			<i>For Up To 100, Add</i>	3.47	
			<i>For &gt;100 To 250, Add</i>	1.67	
			<i>For &gt;250 To 500, Add</i>	0.73	



<b>Finishes</b>	<b>09</b>	<b>09</b>
Painting and Coating	09 90	
Special Coatings	09 97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0074 SF Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	3.24	
For Up To 100, Add	1.57	
For >100 To 250, Add	0.77	
For >250 To 500, Add	0.34	
09 97 13 24-0075 SF Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats .....	2.88	
For Up To 100, Add	1.30	
For >100 To 250, Add	0.65	
For >250 To 500, Add	0.29	
09 97 13 24-0076 SF Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats .....	4.81	
For Up To 100, Add	2.74	
For >100 To 250, Add	1.32	
For >250 To 500, Add	0.58	
<b>09 97 13 24-0077 Two 8 Mil Coal Tar Epoxy Coats For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0078 SF Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats .....	3.68	
For Up To 100, Add	2.14	
For >100 To 250, Add	1.03	
For >250 To 500, Add	0.45	
09 97 13 24-0079 SF Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats .....	3.06	
For Up To 100, Add	1.67	
For >100 To 250, Add	0.81	
For >250 To 500, Add	0.36	
09 97 13 24-0080 SF Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats .....	4.69	
For Up To 100, Add	2.89	
For >100 To 250, Add	1.38	
For >250 To 500, Add	0.60	
<b>09 97 13 24-0081 One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0082 SF Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.54	
For Up To 100, Add	1.42	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
09 97 13 24-0083 SF Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.33	
For Up To 100, Add	1.26	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.27	
09 97 13 24-0084 SF Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.85	
For Up To 100, Add	2.40	
For >100 To 250, Add	1.15	
For >250 To 500, Add	0.50	
<b>09 97 13 24-0085 Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior (09 97 13 24-0022)</b>		
09 97 13 24-0086 SF Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....	5.59	
For Up To 100, Add	3.27	
For >100 To 250, Add	1.57	
For >250 To 500, Add	0.69	
09 97 13 24-0087 SF Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats .....	3.40	
For Up To 100, Add	1.72	
For >100 To 250, Add	0.85	
For >250 To 500, Add	0.37	
<b>09 97 13 24-0088 One 3 Mil High Zinc Silicate Coat For Tanks (09 97 13 24-0022)</b>		
09 97 13 24-0089 SF Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat .....	1.63	
For Up To 100, Add	0.73	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
09 97 13 24-0090 SF Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat .....	1.59	
For Up To 100, Add	0.70	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.16	
09 97 13 24-0091 SF Spray Tank Interior One 3 Mil High Zinc Silicate Coat .....	2.55	
For Up To 100, Add	1.42	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
<b>09 97 13 24-0092 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks (09 97 13 24-0022)</b>		
Note: Installed over existing primer.		
09 97 13 24-0093 SF Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats .....	2.68	
For Up To 100, Add	1.44	
For >100 To 250, Add	0.70	
For >250 To 500, Add	0.31	
09 97 13 24-0094 SF Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats .....	2.37	
For Up To 100, Add	1.21	
For >100 To 250, Add	0.59	
For >250 To 500, Add	0.26	

<b>09</b>	<b>09 Finishes</b>
	<b>09 90 Painting and Coating</b>
	<b>09 97 Special Coatings</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

09 97 13 24-0095	SF	Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats .....	3.69
		For Up To 100, Add	2.20
		For >100 To 250, Add	1.05
		For >250 To 500, Add	0.46

**09 97 13 24-0096 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks** (09 97 13 24-0022)

09 97 13 24-0097	SF	Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat .....	9.65
		For Up To 100, Add	6.07
		For >100 To 250, Add	2.89
		For >250 To 500, Add	1.25

**09 97 23 Concrete and Masonry Coatings** (09 97)

**09 97 23 00-0001 Concrete Floor Coating** (09 97 23)

09 97 23 00-0002	SF	Concrete Floor Coating System, Primer .....	1.52
09 97 23 00-0003	SF	Concrete Floor Coating System, Finish .....	1.34

**09 97 23 00-0004 Concrete Tank Lining** (09 97 23)

09 97 23 00-0005	SF	Concrete Tank Lining .....	204.74
------------------	----	----------------------------	--------

Note: Pricing is per square foot of the interior surfaces of the tank. Price includes: Handling/hoisting materials into and out the tank. Constructing wood framed enclosure covered with 6 mil plastic creating an isolation room from which entry into the tank through the access opening is separated from the remainder of the plant space. Installing and maintaining a ventilation system for working in the confined space. Discharging the ventilation system into DWM designated area. Furnishing and installing all necessary scaffolding inside the tank. Removing existing lining system as specified. Sand blasting interior concrete surfaces to concrete profile as specified by Dudick, Inc. for the Protecto-Flex 310 NSF system (lining system manufacturer). Collecting, removing, and disposing of debris by bags or buckets to avoid clogging the plant drainage trenches. Furnishing lined dumpsters for tested debris or for proper disposal. Preparing all concrete surfaces as specified then applying the new lining system layers as specified. Inspecting by the lining system manufacturer to assess overall concrete condition and then at specific times during lining layer application. Applying all layers of the lining system per lining system manufacturer specifications with an additional layer applied on the tank floor (total of two layers) of epoxy base coat with matt resin when the tank is utilizing an internal agitator. Spark testing and pull testing of the new tank lining system as well as furnishing the proper testing equipment as directed by the lining system manufacturer. Applying the initial concrete primer and the finish coat but not the entire lining system on the ceiling. A final visual inspection of the tank including cleaning up / power washing the exterior surrounding areas of the tank. Meeting all OSHA and DWM safety requirements. Working in a plant defined confined space requiring one full time top side safety person at the tank access opening and a second person on site in contact by radio during working hours. Air monitoring, air monitoring equipment, mobilizing setting-up / taking down equipment, handling and delivering materials necessary to complete the work described above. Price excludes emptying contents out of tank and filling and draining of adjacent tanks.

**09 97 26 Cementitious Coatings** (09 97)

**09 97 26 13 Interior Cementitious Coatings** (09 97 26)

**09 97 26 13-0001 Ceramic-Like Glazed Coating** (09 97 26 13)

**09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious** (09 97 26 13-0001)

09 97 26 13-0003	SF	Ceramic-like Glazed Coating. - Cementitious .....	3.23
------------------	----	---	------

**09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base** (09 97 26 13-0001)

09 97 26 13-0005	SF	Ceramic-like Glazed Coating - Resin .....	2.72
------------------	----	---	------

**09 97 35 Dry Erase Coatings** (09 97)

**09 97 35 00-0001 Dry-Erase Paint** (09 97 35)

**09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO)** (09 97 35 00-0001)

09 97 35 00-0003	SF	Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller .....	13.54
------------------	----	---	-------

Note: Includes two coats of primer and white, white sand, light beige or light gray surface.

**09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE)** (09 97 35 00-0001)

09 97 35 00-0005	SF	Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller .....	7.36
------------------	----	---	------

Note: For application over existing latex-based top coats.

09 97 35 00-0006	SF	Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller .....	14.45
------------------	----	--	-------

Note: Includes two coats of primer and white or black surface coat.

**09 97 63 Special Coatings and Protection Systems** (09 97)

**09 97 63 00-0001 Acrylic Glazed Coating** (09 97 63)

09 97 63 00-0002	SF	Acrylic Glazed Coating .....	2.12
------------------	----	------------------------------	------



	<b>Finishes</b>	<b>09</b>	<b>09</b>
	Painting and Coating	09 90	
	Special Coatings	09 97	

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

**END OF SECTION 09**

<b>09</b>	<b>09</b>	<b>Finishes</b>
	09 90	Painting and Coating
	09 97	Special Coatings



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



<b>Specialties</b>	<b>10</b>
<b>Operation and Maintenance of Specialties</b>	<b>10 01</b>
<b>Operation and Maintenance of Safety Specialties</b>	<b>10 01 40</b>

10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 10 Specialties

### 10 01 Operation and Maintenance of Specialties <sup>(10)</sup>

#### 10 01 40 Operation and Maintenance of Safety Specialties <sup>(10 01)</sup>

10 01 40 00-0001	Recharge Existing Portable Fire Extinguishers <sup>(10 01 40)</sup>		
	Note: Includes removal, filling, testing, certification and reinstallation.		
10 01 40 00-0002	Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers <sup>(10 01 40 00-0001)</sup>		
10 01 40 00-0003	EA Recharge 2.5 Lb. Carbon Dioxide Portable Fire Extinguisher .....	18.32	
10 01 40 00-0004	EA Recharge 5 Lb. Carbon Dioxide Portable Fire Extinguisher .....	20.36	
10 01 40 00-0005	EA Recharge 10 Lb. Carbon Dioxide Portable Fire Extinguisher .....	21.17	
10 01 40 00-0006	EA Recharge 15 Lb. Carbon Dioxide Portable Fire Extinguisher .....	23.97	
10 01 40 00-0007	EA Recharge 20 Lb. Carbon Dioxide Portable Fire Extinguisher .....	27.68	
10 01 40 00-0008	Recharge Dry Chemical, Class ABC Portable Fire Extinguishers <sup>(10 01 40 00-0001)</sup>		
10 01 40 00-0009	EA Recharge 2.5 Lb. Dry Chemical Portable Fire Extinguisher .....	22.11	
10 01 40 00-0010	EA Recharge 5 Lb. Dry Chemical Portable Fire Extinguisher .....	26.76	
10 01 40 00-0011	EA Recharge 10 Lb. Dry Chemical Portable Fire Extinguisher .....	37.81	
10 01 40 00-0012	EA Recharge 20 Lb. Dry Chemical Portable Fire Extinguisher .....	59.68	
10 01 40 00-0013	Recharge Other Portable Fire Extinguishers <sup>(10 01 40 00-0001)</sup>		
10 01 40 00-0014	EA Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher .....	21.87	
10 01 40 00-0015	EA Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher .....	155.90	
10 01 40 00-0016	EA Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher .....	218.26	
10 01 40 00-0017	EA Recharge 30 Lb. Dry Powder Class D Portable Fire Extinguisher .....	89.86	

#### 10 01 50 Operation and Maintenance of Storage Specialties <sup>(10 01)</sup>

##### 10 01 50 11 Operation and Maintenance of Storage Specialties <sup>(10 01 50)</sup>

10 01 50 11-0001	Locker Repair And Refinishing <sup>(10 01 50 11)</sup>		
10 01 50 11-0002	EA Removal And Replacement Of Single Tier Locker Door .....	375.06	
10 01 50 11-0003	EA Removal And Replacement Of Two Tier Locker Door .....	294.99	
10 01 50 11-0004	EA Removal And Replacement Of Three Tier Locker Door .....	253.02	
10 01 50 11-0005	EA Removal And Replacement Of Four Tier Locker Door .....	213.62	
10 01 50 11-0006	EA Removal And Replacement Of Six Tier Or Sixteen Person Locker Door .....	119.15	
10 01 50 11-0007	EA Realign Metal Locker Door For Proper Closure .....	52.87	
10 01 50 11-0008	EA Patch Small Drill Holes in Locker .....	10.57	

## 10 10 Information Specialties <sup>(10)</sup>

### 10 11 Visual Display Units <sup>(10 10)</sup>

#### 10 11 13 Chalkboards <sup>(10 11)</sup>

##### 10 11 13 13 Fixed Chalkboards <sup>(10 11 13)</sup>

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	Porcelain Enamel Steel Chalkboards <sup>(10 11 13 13)</sup>		
10 11 13 13-0002	5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) <sup>(10 11 13 13-0001)</sup>		
	Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	51.63	10.12
10 11 13 13-0004	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	32.84	4.76
10 11 13 13-0005	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	28.38	4.11
10 11 13 13-0006	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	23.48	2.68
10 11 13 13-0007	SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	19.57	1.49
10 11 13 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) <sup>(10 11 13 13-0001)</sup>		
	Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	54.54	10.12
10 11 13 13-0010	SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	35.68	4.76
10 11 13 13-0011	SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	31.00	4.11
10 11 13 13-0012	SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	26.65	2.68
10 11 13 13-0013	SF >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard .....	22.68	1.49



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 11</b>	<b>Visual Display Units</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 11 13 13-0014</b>	<b>1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) <small>(10 11 13 13-0001)</small></b>	
	Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.	
10 11 13 13-0015 SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	49.83
10 11 13 13-0016 SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	31.00
10 11 13 13-0017 SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	26.63
10 11 13 13-0018 SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	22.01
10 11 13 13-0019 SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard .....	17.93
<b>10 11 13 13-0020</b>	<b>Removal And Reinstallation Of Chalkboards <small>(10 11 13 13)</small></b>	
	Note: Includes storage and cleaning.	
10 11 13 13-0021 SF	Removal And Reinstallation Of Chalkboard .....	12.42
<b>10 11 13 13-0022</b>	<b>Field Applied Chalkboard And Accessories <small>(10 11 13 13)</small></b>	
<b>10 11 13 13-0023</b>	<b>Chalkboard Face Sheets And Panels <small>(10 11 13 13-0022)</small></b>	
10 11 13 13-0024 SF	Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite) .....	17.29
	Note: Includes porcelain enamel steel chalkboard skin.	
10 11 13 13-0025 SF	Porcelain Enamel Steel Chalkboard Panel (Claridge VIT) .....	20.53
	Note: Includes porcelain enamel steel surface mounted on either particleboard or hardboard core with an aluminum moisture barrier back.	
<b>10 11 13 13-0026</b>	<b>Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 13 13-0022)</small></b>	
10 11 13 13-0027 LF	Chalk And Marker Tray, Field Applied .....	25.13
10 11 13 13-0028 PR	Chalk And Marker Tray End Closures, Field Applied .....	31.72
10 11 13 13-0029 LF	Mullion Trim For Chalkboards And Markerboards, Field Applied .....	17.98
10 11 13 13-0030 LF	Screw On Trim For Chalkboards And Markerboards, Field Applied .....	17.59
10 11 13 13-0031 LF	1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	18.69
10 11 13 13-0032 LF	1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	20.78
10 11 13 13-0033 LF	No Leg Map Rail For Chalkboards And Markerboards, Field Applied .....	18.69
<b>10 11 13 33</b>	<b>Rail-Mounted Chalkboards <small>(10 11 13)</small></b>	
<b>10 11 13 33-0001</b>	<b>Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) <small>(10 11 13 33)</small></b>	
<b>10 11 13 33-0002</b>	<b>Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small></b>	
10 11 13 33-0003 EA	4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	2,341.38
10 11 13 33-0004 EA	4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	2,627.22
10 11 13 33-0005 EA	4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	2,974.79
10 11 13 33-0006 EA	4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	3,306.91
10 11 13 33-0007 EA	4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,118.51
10 11 13 33-0008 EA	4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,383.42
10 11 13 33-0009 EA	4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,951.66
10 11 13 33-0010 EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	5,609.27
<b>10 11 13 33-0011</b>	<b>Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small></b>	
10 11 13 33-0012 EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	3,194.01
10 11 13 33-0013 EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	3,786.09
10 11 13 33-0014 EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,331.95
10 11 13 33-0015 EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,875.57
10 11 13 33-0016 EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	5,557.18
10 11 13 33-0017 EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	5,796.76
10 11 13 33-0018 EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	6,795.73
10 11 13 33-0019 EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	7,595.44
<b>10 11 13 33-0020</b>	<b>Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small></b>	
10 11 13 33-0021 EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	3,557.54
10 11 13 33-0022 EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,041.66
10 11 13 33-0023 EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	4,566.59
10 11 13 33-0024 EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	5,122.33
10 11 13 33-0025 EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	6,200.51
10 11 13 33-0026 EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	6,455.51
10 11 13 33-0027 EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	7,620.82
10 11 13 33-0028 EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard .....	8,505.97
<b>10 11 13 33-0029</b>	<b>Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10 11 13 33)</small></b>	
<b>10 11 13 33-0030</b>	<b>One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small></b>	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0031 EA 8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	2,795.76	118.98
10 11 13 33-0032 EA 8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,083.81	118.98
10 11 13 33-0033 EA 8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,371.89	126.71
10 11 13 33-0034 EA 8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,871.98	126.71
10 11 13 33-0035 EA 8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,241.27	136.23
10 11 13 33-0036 EA 8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,702.79	136.23
<b>10 11 13 33-0037 Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards (10</b>		
<small>11 13 33-0029)</small>		
10 11 13 33-0038 EA 8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,093.35	118.98
10 11 13 33-0039 EA 8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,540.55	118.98
10 11 13 33-0040 EA 8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,989.99	126.71
10 11 13 33-0041 EA 8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,812.80	126.71
10 11 13 33-0042 EA 8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,326.36	136.23
10 11 13 33-0043 EA 8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,073.15	136.23
<b>10 11 13 33-0044 Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards</b>		
<small>(10 11 13 33-0029)</small>		
10 11 13 33-0045 EA 8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,583.71	118.98
10 11 13 33-0046 EA 8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,193.38	118.98
10 11 13 33-0047 EA 8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,805.28	126.71
10 11 13 33-0048 EA 8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,949.71	126.71
10 11 13 33-0049 EA 8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,620.75	136.23
10 11 13 33-0050 EA 8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,672.64	136.23
<b>10 11 13 33-0051 Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards</b>		
<b>(Claridge MO Series) (10 11 13 33)</b>		
Note: Excludes remotes.		
<b>10 11 13 33-0052 One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel</b>		
<b>Chalkboards (10 11 13 33-0051)</b>		
10 11 13 33-0053 EA 10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,963.00	237.96
10 11 13 33-0054 EA 10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,218.13	237.96
10 11 13 33-0055 EA 10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,503.55	245.39
10 11 13 33-0056 EA 10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,970.84	245.39
10 11 13 33-0057 EA 10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,488.27	252.82
10 11 13 33-0058 EA 10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,939.04	252.82
10 11 13 33-0059 EA 10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,921.87	267.70
10 11 13 33-0060 EA 10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,046.57	267.70
<b>10 11 13 33-0061 Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel</b>		
<b>Steel Chalkboards (10 11 13 33-0051)</b>		
10 11 13 33-0062 EA 10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,081.43	237.96
10 11 13 33-0063 EA 10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,418.73	237.96
10 11 13 33-0064 EA 10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,796.25	245.39
10 11 13 33-0065 EA 10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,482.98	245.39
10 11 13 33-0066 EA 10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,166.97	252.82
10 11 13 33-0067 EA 10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,819.55	252.82
10 11 13 33-0068 EA 10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,146.30	267.70
10 11 13 33-0069 EA 10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,343.92	267.70
<b>10 11 13 33-0070 Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel</b>		
<b>Steel Chalkboards (10 11 13 33-0051)</b>		
10 11 13 33-0071 EA 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,284.43	237.96
10 11 13 33-0072 EA 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	19,135.74	237.96
10 11 13 33-0073 EA 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	19,587.72	245.39
10 11 13 33-0074 EA 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,480.67	245.39
10 11 13 33-0075 EA 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	21,420.45	252.82
10 11 13 33-0076 EA 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	22,323.31	252.82
10 11 13 33-0077 EA 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	24,106.34	267.70
10 11 13 33-0078 EA 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	24,454.00	267.70
<b>10 11 13 33-0079 Sliding Chalkboard And Markerboard Accessories (10 11 13 33)</b>		
10 11 13 33-0080 EA One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	671.75	
10 11 13 33-0081 EA Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	1,146.54	
<b>10 11 16 Markerboards (10 11)</b>		
<b>10 11 16 13 Fixed Markerboards (10 11 16)</b>		
Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10 11 16 13-0001 Porcelain Enamel Steel Markerboards (10 11 16 13)		

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 11</b>	<b>Visual Display Units</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
<b>10 11 16 13-0002</b>	<b>5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) (10 11 16 13-0001)</b>		
Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0003 SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	51.81	10.12
10 11 16 13-0004 SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	33.48	4.76
10 11 16 13-0005 SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	28.38	4.11
10 11 16 13-0006 SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	23.71	2.68
10 11 16 13-0007 SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	19.31	1.49
<b>10 11 16 13-0008</b>	<b>1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) (10 11 16 13-0001)</b>		
Note: Includes up to 1/2" core material, aluminum backing, full-length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0009 SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	54.58	10.12
10 11 16 13-0010 SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	34.31	4.76
10 11 16 13-0011 SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	29.62	4.11
10 11 16 13-0012 SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	25.27	2.68
10 11 16 13-0013 SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard .....	21.87	1.49
<b>10 11 16 13-0014</b>	<b>1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) (10 11 16 13-0001)</b>		
Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.			
10 11 16 13-0015 SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard .....	49.81	10.12
10 11 16 13-0016 SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard .....	31.01	4.76
10 11 16 13-0017 SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard .....	27.97	4.11
10 11 16 13-0018 SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard .....	22.15	2.68
10 11 16 13-0019 SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard .....	17.62	1.49
<b>10 11 16 13-0020</b>	<b>Melamine Markerboards (10 11 16 13)</b>		
<b>10 11 16 13-0021</b>	<b>1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)</b>		
Note: Includes full-length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0022 SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard .....	41.34	10.12
10 11 16 13-0023 SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard .....	25.18	4.76
10 11 16 13-0024 SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard .....	21.84	4.11
10 11 16 13-0025 SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard .....	16.37	2.68
10 11 16 13-0026 SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard .....	13.21	1.49
<b>10 11 16 13-0027</b>	<b>1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) (10 11 16 13-0020)</b>		
Note: Includes marker tray and mounting hardware.			
10 11 16 13-0028 SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	40.40	10.12
10 11 16 13-0029 SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	24.74	4.76
10 11 16 13-0030 SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	21.22	4.11
10 11 16 13-0031 SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	15.26	2.68
10 11 16 13-0032 SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard .....	12.21	1.49
<b>10 11 16 13-0033</b>	<b>Nonporous, Non-Staining Markerboards (10 11 16 13)</b>		
<b>10 11 16 13-0034</b>	<b>5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)</b>		
Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0035 SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	56.58	10.12
	<i>For Magnetic Surface, Add</i>	3.64	
10 11 16 13-0036 SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	37.18	4.76
	<i>For Magnetic Surface, Add</i>	2.77	
10 11 16 13-0037 SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	32.06	4.11
	<i>For Magnetic Surface, Add</i>	2.39	
10 11 16 13-0038 SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	28.27	2.68
	<i>For Magnetic Surface, Add</i>	2.29	
10 11 16 13-0039 SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	24.35	1.49
	<i>For Magnetic Surface, Add</i>	2.14	
<b>10 11 16 13-0040</b>	<b>1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)</b>		
Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0041 SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	56.58	10.12
	<i>For Magnetic Surface, Add</i>	3.64	
10 11 16 13-0042 SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard .....	37.18	4.76
	<i>For Magnetic Surface, Add</i>	2.77	



	<b>Specialties</b>	<b>10</b>
	Information Specialties	10 10
	Visual Display Units	10 11

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0043	SF		>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	32.06 2.39	4.11
10 11 16 13-0044	SF		>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	28.27 2.29	2.68
10 11 16 13-0045	SF		>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	24.35 2.14	1.49
<b>10 11 16 13-0046</b>			<b>1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) (10 11 16 13-0033)</b> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF		Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	101.62 8.14	10.12
10 11 16 13-0048	SF		>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	64.24 5.47	4.76
10 11 16 13-0049	SF		>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	54.29 4.61	4.11
10 11 16 13-0050	SF		>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	45.85 4.05	2.68
10 11 16 13-0051	SF		>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard..... <i>For Magnetic Surface, Add</i>	35.58 3.26	1.49
<b>10 11 16 13-0052</b>			<b>Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) (10 11 16 13-0033)</b> Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface; 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF		Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	25.40	4.11
10 11 16 13-0054	SF		>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	21.65	2.68
10 11 16 13-0055	SF		>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing.....	18.17	1.49
<b>10 11 16 13-0056</b>			<b>Removal And Reinstallation Of Markerboard (10 11 16 13)</b> Note: Includes storage and cleaning.		
10 11 16 13-0057	EA		Up To 6 SF, Removal And Reinstallation Of Markerboard.....	71.38	
10 11 16 13-0058	EA		>6 To 12 SF, Removal And Reinstallation Of Markerboard.....	83.29	
10 11 16 13-0059	EA		>12 To 16 SF, Removal And Reinstallation Of Markerboard.....	95.19	
10 11 16 13-0060	EA		>16 To 24 SF, Removal And Reinstallation Of Markerboard.....	107.08	
10 11 16 13-0061	EA		>24 SF, Removal And Reinstallation Of Markerboard.....	118.98	
<b>10 11 16 13-0062</b>			<b>Field Applied Markerboard And Accessories (10 11 16 13)</b>		
<b>10 11 16 13-0063</b>			<b>Markerboard Face Sheets And Panels (10 11 16 13-0062)</b>		
10 11 16 13-0064	SF		Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS)..... Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.	17.03	4.76
10 11 16 13-0065	SF		Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick)..... Note: Includes porcelain enamel steel markerboard skin backed with double-sided tape.	19.94	4.76
10 11 16 13-0066	SF		Porcelain Enamel Steel Markerboard Panel (Claridge LCS)..... Note: Includes porcelain enamel steel surface mounted on either 3/8" particleboard or 1/4" hardboard core with an aluminum moisture barrier back.	19.87	4.76
10 11 16 13-0067	SF		Melamine Markerboard Panel (Claridge 1032)..... Note: Includes 1/4" thick melamine panel.	11.76	4.76
<b>10 11 16 13-0068</b>			<b>Chalkboard And Markerboard Accessory Trays And Trim (10 11 16 13-0062)</b> See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
<b>10 11 16 13-0069</b>			<b>Relaminate Markerboard (10 11 16 13-0062)</b>		
10 11 16 13-0070	EA		Relaminate Markerboard..... Note: Includes removal of trim, prepping the surface, rolling the laminate, and reattaching the trim. Includes all sizes.	458.76	
<b>10 11 16 33</b>			<b>Rail-Mounted Markerboards (10 11 16)</b>		
<b>10 11 16 33-0001</b>			<b>Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) (10 11 16 33)</b>		
<b>10 11 16 33-0002</b>			<b>Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards (10 11 16 33-0001)</b>		
10 11 16 33-0003	EA		4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,313.36	118.98
10 11 16 33-0004	EA		4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,589.85	118.98
10 11 16 33-0005	EA		4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	2,928.08	126.71
10 11 16 33-0006	EA		4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	3,250.86	126.71
10 11 16 33-0007	EA		4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,053.12	136.23
10 11 16 33-0008	EA		4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,308.69	136.23
10 11 16 33-0009	EA		4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	4,858.25	142.77

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 11</b>	<b>Visual Display Units</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 11 16 33-0010	EA	4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard.....	5,497.17		142.77
<b>10 11 16 33-0011</b>		<b>Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0001)</small>			
10 11 16 33-0012	EA	4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	3,165.99		118.98
10 11 16 33-0013	EA	4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	3,748.73		118.98
10 11 16 33-0014	EA	4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	4,285.24		126.71
10 11 16 33-0015	EA	4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	4,819.52		126.71
10 11 16 33-0016	EA	4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	5,491.79		136.23
10 11 16 33-0017	EA	4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	5,722.03		136.23
10 11 16 33-0018	EA	4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	6,702.31		142.77
10 11 16 33-0019	EA	4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	7,483.34		142.77
<b>10 11 16 33-0020</b>		<b>Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0001)</small>			
10 11 16 33-0021	EA	4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	3,529.51		118.98
10 11 16 33-0022	EA	4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	4,004.30		118.98
10 11 16 33-0023	EA	4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	4,519.88		126.71
10 11 16 33-0024	EA	4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	5,066.28		126.71
10 11 16 33-0025	EA	4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	6,135.12		136.23
10 11 16 33-0026	EA	4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	6,380.78		136.23
10 11 16 33-0027	EA	4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	7,527.40		142.77
10 11 16 33-0028	EA	4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard .....	8,421.89		142.77
<b>10 11 16 33-0029</b>		<b>Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series)</b> <small>(10 11 16 33)</small>			
<b>10 11 16 33-0030</b>		<b>One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0029)</small>			
10 11 16 33-0031	EA	8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	2,758.40		118.98
10 11 16 33-0032	EA	8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	3,037.10		118.98
10 11 16 33-0033	EA	8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,315.84		126.71
10 11 16 33-0034	EA	8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	3,797.25		126.71
10 11 16 33-0035	EA	8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,147.85		136.23
10 11 16 33-0036	EA	8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,590.69		136.23
<b>10 11 16 33-0037</b>		<b>Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0029)</small>			
10 11 16 33-0038	EA	8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,018.62		118.98
10 11 16 33-0039	EA	8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	4,447.14		118.98
10 11 16 33-0040	EA	8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	4,877.89		126.71
10 11 16 33-0041	EA	8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	5,663.34		126.71
10 11 16 33-0042	EA	8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	6,139.53		136.23
10 11 16 33-0043	EA	8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard.....	6,848.95		136.23
<b>10 11 16 33-0044</b>		<b>Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0029)</small>			
10 11 16 33-0045	EA	8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	5,471.61		118.98
10 11 16 33-0046	EA	8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	6,053.25		118.98
10 11 16 33-0047	EA	8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	6,637.13		126.71
10 11 16 33-0048	EA	8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	7,725.51		126.71
10 11 16 33-0049	EA	8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	8,340.51		136.23
10 11 16 33-0050	EA	8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard .....	9,336.34		136.23
<b>10 11 16 33-0051</b>		<b>Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series)</b> <small>(10 11 16 33)</small>			
		Note: Excludes remotes.			
<b>10 11 16 33-0052</b>		<b>One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0051)</small>			
10 11 16 33-0053	EA	10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	8,916.29		237.96
10 11 16 33-0054	EA	10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,159.74		237.96
10 11 16 33-0055	EA	10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,433.49		245.39
10 11 16 33-0056	EA	10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	9,877.43		245.39
10 11 16 33-0057	EA	10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	10,371.50		252.82
10 11 16 33-0058	EA	10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	10,798.92		252.82
10 11 16 33-0059	EA	10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,758.40		267.70
10 11 16 33-0060	EA	10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	11,859.75		267.70
<b>10 11 16 33-0061</b>		<b>Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0051)</small>			
10 11 16 33-0062	EA	10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	13,988.01		237.96
10 11 16 33-0063	EA	10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,301.97		237.96





<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Visual Display Units	10 11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	14,656.13	245.39
10 11 16 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,296.15	245.39
10 11 16 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	15,933.43	252.82
10 11 16 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	16,539.30	252.82
10 11 16 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,819.35	267.70
10 11 16 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	17,970.26	267.70
<b>10 11 16 33-0070</b>			<b>Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards</b> <small>(10 11 16 33-0051)</small>		
10 11 16 33-0071	EA		10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	18,144.31	237.96
10 11 16 33-0072	EA		10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	18,960.59	237.96
10 11 16 33-0073	EA		10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	19,377.54	245.39
10 11 16 33-0074	EA		10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	20,200.43	245.39
10 11 16 33-0075	EA		10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	21,070.14	252.82
10 11 16 33-0076	EA		10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	21,902.94	252.82
10 11 16 33-0077	EA		10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	23,615.91	267.70
10 11 16 33-0078	EA		10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard.....	23,893.51	267.70
<b>10 11 16 33-0079</b>			<b>Sliding Chalkboard And Markerboard Accessories</b> <small>(10 11 16 33)</small>		
			See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
<b>10 11 23</b>			<b>Tackboards</b> <small>(10 11)</small>		
<b>10 11 23 13</b>			<b>Fixed Tackboards</b> <small>(10 11 23)</small>		
			Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001			<b>Fixed Tackboards</b> <small>(10 11 23 13)</small>		
			Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002			<b>Cork Surface, Fixed Tackboards</b> <small>(10 11 23 13-0001)</small>		
			Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003			<b>5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series)</b> <small>(10 11 23 13-0002)</small>		
10 11 23 13-0004	SF		Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	35.01	10.12
10 11 23 13-0005	SF		>6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	19.80	4.76
10 11 23 13-0006	SF		>12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	17.16	4.11
10 11 23 13-0007	SF		>16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	13.61	2.68
10 11 23 13-0008	SF		>24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	11.04	1.49
10 11 23 13-0009			<b>1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series)</b> <small>(10 11 23 13-0002)</small>		
10 11 23 13-0010	SF		Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	36.75	10.12
10 11 23 13-0011	SF		>6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	20.61	4.76
10 11 23 13-0012	SF		>12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	16.75	4.11
10 11 23 13-0013	SF		>16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	12.97	2.68
10 11 23 13-0014	SF		>24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.03	1.49
10 11 23 13-0015			<b>1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series)</b> <small>(10 11 23 13-0002)</small>		
10 11 23 13-0016	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	36.94	10.12
10 11 23 13-0017	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	22.31	4.76
10 11 23 13-0018	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	20.60	4.11
10 11 23 13-0019	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	15.77	2.68
10 11 23 13-0020	SF		>24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	12.38	1.49
10 11 23 13-0021			<b>Burlap Backed Cork Surface, Fixed Tackboards</b> <small>(10 11 23 13-0001)</small>		
			Note: Includes burlap backed 1/4" self-healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022			<b>5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series)</b> <small>(10 11 23 13-0021)</small>		
10 11 23 13-0023	SF		Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	40.06	10.12
10 11 23 13-0024	SF		>6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	25.86	4.76
10 11 23 13-0025	SF		>12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	23.56	4.11
10 11 23 13-0026	SF		>16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	20.04	2.68
10 11 23 13-0027	SF		>24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	17.58	1.49
10 11 23 13-0028			<b>1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series)</b> <small>(10 11 23 13-0021)</small>		
10 11 23 13-0029	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	44.28	10.12
10 11 23 13-0030	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	30.37	4.76
10 11 23 13-0031	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	28.11	4.11
10 11 23 13-0032	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	23.34	2.68
10 11 23 13-0033	SF		>24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.99	1.49



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 11</b>	<b>Visual Display Units</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

10 11 23 13-0034	<b>Polyester Fabric Surface, Fixed Tackboards</b> <small>(10 11 23 13-0001)</small>	
	Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.	
10 11 23 13-0035	<b>5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards</b> <b>(Claridge 800 Series)</b> <small>(10 11 23 13-0034)</small>	
10 11 23 13-0036	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard .....36.20
10 11 23 13-0037	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard .....21.27
10 11 23 13-0038	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard .....18.81
10 11 23 13-0039	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard .....15.31
10 11 23 13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard .....12.55

10 11 23 13-0041	<b>1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards</b> <b>(Claridge 700 Series)</b> <small>(10 11 23 13-0034)</small>	
10 11 23 13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard .....38.59
10 11 23 13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard .....24.37
10 11 23 13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard .....22.53
10 11 23 13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard .....17.88
10 11 23 13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard .....14.58

10 11 23 13-0047	<b>Vinyl Fabric Surface, Fixed Tackboards</b> <small>(10 11 23 13-0001)</small>	
	Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.	
10 11 23 13-0048	<b>5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards</b> <b>(Claridge 800 Series)</b> <small>(10 11 23 13-0047)</small>	
10 11 23 13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard .....35.01
10 11 23 13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard .....19.89
10 11 23 13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard .....17.30
10 11 23 13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard .....13.61
10 11 23 13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard .....10.83

10 11 23 13-0054	<b>1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards</b> <b>(Claridge 700 Series)</b> <small>(10 11 23 13-0047)</small>	
10 11 23 13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard .....36.94
10 11 23 13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard .....23.16
10 11 23 13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard .....20.60
10 11 23 13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard .....15.77
10 11 23 13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard .....12.38

**10 12 Display Cases** (10 10)

10 12 00 00-0001	<b>Counter Display Cases</b> <small>(10 12)</small>	
10 12 00 00-0002	EA	30" x 12" x 36" Counter Display Cases .....1,646.37
10 12 00 00-0003	EA	30" x 12" x 48" Counter Display Cases .....1,775.38
10 12 00 00-0004	EA	30" x 18" x 36" Counter Display Cases .....1,722.84
10 12 00 00-0005	EA	30" x 18" x 48" Counter Display Cases .....1,691.27
10 12 00 00-0006	<b>Upright Display Case</b> <small>(10 12)</small>	
10 12 00 00-0007	EA	72" High x 20" Deep x 70" Wide, Upright Display Case .....3,396.49
10 12 00 00-0008	<b>Full Vision Display Case</b> <small>(10 12)</small>	
10 12 00 00-0009	EA	38" x 20" x 70" Full Vision Display Case .....2,229.70

**10 13 Directories** (10 10)

**10 13 11 Directory and Bulletin Boards** (10 13)

Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.

10 13 11 00-0001	<b>Wall Mounted Directories</b> <small>(10 13 11)</small>	
	Note: Includes changeable letters.	
10 13 11 00-0002	<b>Open Face, Wall Mounted Directories</b> <small>(10 13 11 00-0001)</small>	
	Note: Includes vinyl or felt back panel.	
10 13 11 00-0003	<b>Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series)</b> <small>(10 13 11 00-0002)</small>	
10 13 11 00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory .....57.32
10 13 11 00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory .....37.34
10 13 11 00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory .....33.91
10 13 11 00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory .....25.87
10 13 11 00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory .....20.61



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Directories	10 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 13 11 00-0009 Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series)</b> <small>(10 13 11 00-0002)</small>		
10 13 11 00-0010 SF Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory ..... <i>For Bronze Anodize Finish, Add</i>	57.87 12.00	10.12
10 13 11 00-0011 SF >6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory ..... <i>For Bronze Anodize Finish, Add</i>	37.70 12.00	4.76
10 13 11 00-0012 SF >12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory ..... <i>For Bronze Anodize Finish, Add</i>	34.65 12.00	4.11
10 13 11 00-0013 SF >16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory ..... <i>For Bronze Anodize Finish, Add</i>	24.67 12.00	2.68
10 13 11 00-0014 SF >24 SF, Aluminum Frame, Open Face, Wall Mounted Directory ..... <i>For Bronze Anodize Finish, Add</i>	21.16 12.00	1.49
<b>10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
<b>10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 11 00-0015)</small>		
<b>10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series)</b> <small>(10 13 11 00-0016)</small>		
10 13 11 00-0018 SF Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	140.12 15.00	10.12
10 13 11 00-0019 SF >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	112.06 15.00	4.76
10 13 11 00-0020 SF >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	93.86 15.00	4.11
10 13 11 00-0021 SF >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	86.82 15.00	2.68
10 13 11 00-0022 SF >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	78.44 15.00	1.49
<b>10 13 11 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series)</b> <small>(10 13 11 00-0016)</small>		
10 13 11 00-0024 SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	120.66 15.00	10.12
10 13 11 00-0025 SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	96.92 15.00	4.11
10 13 11 00-0026 SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	69.47 15.00	2.68
10 13 11 00-0027 SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i>	62.47 15.00	1.49
<b>10 13 11 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 11 00-0015)</small>		
<b>10 13 11 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series)</b> <small>(10 13 11 00-0028)</small>		
10 13 11 00-0030 SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	125.53 15.00 12.00 21.06	10.12
10 13 11 00-0031 SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	96.92 15.00 12.00 17.48	4.76
10 13 11 00-0032 SF >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	82.03 15.00 12.00 14.76	4.11
10 13 11 00-0033 SF >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	60.26 15.00 12.00 10.98	2.68
10 13 11 00-0034 SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	56.14 15.00 12.00 10.63	1.49
<b>10 13 11 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series)</b> <small>(10 13 11 00-0028)</small>		
10 13 11 00-0036 SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	192.91 15.00 12.00 34.54	10.12
10 13 11 00-0037 SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	111.98 15.00 12.00 20.49	4.76

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 13</b>	<b>Directories</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0038 SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	94.35 15.00 12.00 17.23	4.11
10 13 11 00-0039 SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	72.69 15.00 12.00 13.47	2.68
10 13 11 00-0040 SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	67.16 15.00 12.00 12.84	1.49
<b>10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
<b>10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets</b> <small>(10 13 11 00-0041)</small>		
<b>10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series)</b> <small>(10 13 11 00-0042)</small>		
10 13 11 00-0044 SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	189.51 15.00 12.00	10.12
10 13 11 00-0045 SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	126.39 15.00 12.00	4.76
10 13 11 00-0046 SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	122.78 15.00 12.00	4.11
<b>10 13 11 00-0047 Wall Mounted Bulletin Boards</b> <small>(10 13 11)</small>		
<b>10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
<b>10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0048)</small>		
<b>10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series)</b> <small>(10 13 11 00-0049)</small>		
10 13 11 00-0051 SF Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	136.81 15.00	10.12
10 13 11 00-0052 SF >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	109.58 15.00	4.76
10 13 11 00-0053 SF >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	91.38 15.00	4.11
10 13 11 00-0054 SF >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	84.48 15.00	2.68
10 13 11 00-0055 SF >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	77.34 15.00	1.49
<b>10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series)</b> <small>(10 13 11 00-0049)</small>		
10 13 11 00-0057 SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	114.78 15.00	10.12
10 13 11 00-0058 SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	91.34 15.00	4.11
10 13 11 00-0059 SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	65.16 15.00	2.68
10 13 11 00-0060 SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i>	59.16 15.00	1.49
<b>10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0049)</small>		
<b>10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series)</b> <small>(10 13 11 00-0061)</small>		
10 13 11 00-0063 SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	128.55 15.00 12.00 21.66	10.12
10 13 11 00-0064 SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	99.94 15.00 12.00 18.08	4.76



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Directories	10 13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0065	SF		>12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	85.05 15.00 12.00 15.37	4.11
10 13 11 00-0066	SF		>16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	63.28 15.00 12.00 11.59	2.68
10 13 11 00-0067	SF		>24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	59.16 15.00 12.00 11.24	1.49
<b>10 13 11 00-0068</b>			<b>Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series)</b> <small>(10 13 11 00-0068)</small>		
10 13 11 00-0069	SF		Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	195.93 15.00 12.00 35.14	10.12
10 13 11 00-0070	SF		>6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	115.00 15.00 12.00 21.10	4.76
10 13 11 00-0071	SF		>12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	97.37 15.00 12.00 17.83	4.11
10 13 11 00-0072	SF		>16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	75.71 15.00 12.00 14.07	2.68
10 13 11 00-0073	SF		>24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	70.18 15.00 12.00 13.44	1.49
<b>10 13 11 00-0074</b>			<b>Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0074)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
<b>10 13 11 00-0075</b>			<b>Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0074)</small>		
<b>10 13 11 00-0076</b>			<b>Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets</b> <small>(10 13 11 00-0075)</small>		
10 13 11 00-0077	SF		Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	186.49 15.00 12.00	10.12
10 13 11 00-0078	SF		>6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	123.38 15.00 12.00	4.76
10 13 11 00-0079	SF		>12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet ..... <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	119.79 15.00 12.00	4.11
<b>10 14</b>			<b>Signage</b> <small>(10 10)</small>		
			Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection wiring, 26 05 83 00-0001 for terminations.		
<b>10 14 16</b>			<b>Plaques</b> <small>(10 14)</small>		
			Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.		
<b>10 14 16 00-0001</b>			<b>Metal Cased Plaque</b> <small>(10 14 16)</small>		
10 14 16 00-0002	SF		Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each ..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10 Each, Deduct</i>	549.73 -59.28 -102.36	29.73
10 14 16 00-0003	SF		Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each ..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10 Each, Deduct</i>	387.30 -41.41 -68.25	29.73
<b>10 14 16 00-0004</b>			<b>Metal Engraved Plaque, Etched</b> <small>(10 14 16)</small>		
10 14 16 00-0005	SF		Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each ..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10 Each, Deduct</i>	423.84 -45.43 -75.92	29.73
10 14 16 00-0006	SF		Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each ..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10 Each, Deduct</i>	396.12 -42.38 -70.10	29.73
10 14 16 00-0007	SF		Brass Engraved Plaque Including Emblem Size 1-4 SF Each ..... <i>For &gt;5 To 10, Deduct</i> <i>For &gt;10 Each, Deduct</i>	276.42 -29.22 -44.97	29.73

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 16 00-0008	SF	Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each .....	267.61	29.73
		<i>For &gt;5 To 10, Deduct</i>	-28.25	
		<i>For &gt;10 Each, Deduct</i>	-43.12	
<b>10 14 16 00-0009</b>		<b>Metal Built-Up Plaque</b> <small>(10 14 16)</small>		
10 14 16 00-0010	SF	Bronze Built-up Plaque .....	425.24	36.86
		Note: Including Emblem Size 1-4 SF Each		
		<i>For &gt;5 To 10, Deduct</i>	-45.29	
		<i>For &gt;10 Each, Deduct</i>	-72.95	
10 14 16 00-0011	SF	Copper And Bronze Built-up Plaque .....	433.62	36.86
		Note: Including Emblem Size 1-4 SF Each		
		<i>For &gt;5 To 10, Deduct</i>	-46.21	
		<i>For &gt;10 Each, Deduct</i>	-74.71	
10 14 16 00-0012	SF	Copper And Aluminum Built-up Plaque.....	434.67	36.86
		Note: Including Emblem Size 1-4 SF Each		
		<i>For &gt;5 To 10, Deduct</i>	-46.33	
		<i>For &gt;10 Each, Deduct</i>	-74.93	
10 14 16 00-0013	SF	Bronze Built-up Dedication Plaque .....	490.95	74.33
		Note: Including Raised Bronze Lettering		
		<i>For &gt;5 To 10, Deduct</i>	-52.52	
		<i>For &gt;10 Each, Deduct</i>	-86.75	
10 14 16 00-0014	SF	Bronze Built-up Plaque .....	421.09	74.33
		Note: Including Raised Bronze Lettering		
		<i>For &gt;5 To 10, Deduct</i>	-44.83	
		<i>For &gt;10 Each, Deduct</i>	-72.08	
<b>10 14 16 00-0015</b>		<b>Metal Nameplate Plaques</b> <small>(10 14 16)</small>		
10 14 16 00-0016	SF	Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each .....	219.01	20.23
		<i>For &gt;5 To 10, Deduct</i>	-23.30	
		<i>For &gt;10 Each, Deduct</i>	-37.27	
10 14 16 00-0017	SF	Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each.....	299.81	20.23
		<i>For &gt;5 To 10, Deduct</i>	-32.19	
		<i>For &gt;10 Each, Deduct</i>	-54.23	
10 14 16 00-0018	EA	1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each .....	163.13	20.23
		<i>For &gt;5 To 10, Deduct</i>	-17.15	
		<i>For &gt;10 Each, Deduct</i>	-25.53	
10 14 16 00-0019	EA	1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each.....	154.92	20.23
		<i>For &gt;5 To 10, Deduct</i>	-16.25	
		<i>For &gt;10 Each, Deduct</i>	-23.81	
10 14 16 00-0020	SF	Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9') .....	411.11	74.33
		<i>For &gt;5 To 10, Deduct</i>	-43.74	
		<i>For &gt;10 Each, Deduct</i>	-69.98	
<b>10 14 19</b>		<b>Dimensional Letter Signage</b> <small>(10 14)</small>		
		Note: Mounted on masonry or concrete.		
10 14 19 00-0001		<b>Cast Characters</b> <small>(10 14 19)</small>		
		Note: Any font.		
10 14 19 00-0002		<b>Satin Finish, Cast Aluminum Characters</b> <small>(10 14 19 00-0001)</small>		
10 14 19 00-0003	EA	2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	53.07	7.44
		<i>For Installation With Adhesive, Deduct</i>	-5.63	
		<i>For Clear Anodized, Add</i>	2.33	
		<i>For Satin Face And Enameled Return, Add</i>	7.00	
		<i>For Patina Finish, Add</i>	9.34	
		<i>For Color Anodized, Add</i>	11.67	
10 14 19 00-0004	EA	3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	62.64	8.03
		<i>For Installation With Adhesive, Deduct</i>	-6.34	
		<i>For Clear Anodized, Add</i>	3.05	
		<i>For Satin Face And Enameled Return, Add</i>	9.16	
		<i>For Patina Finish, Add</i>	12.21	
		<i>For Color Anodized, Add</i>	15.26	
10 14 19 00-0005	EA	4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	68.60	8.62
		<i>For Installation With Adhesive, Deduct</i>	-6.88	
		<i>For Clear Anodized, Add</i>	3.41	
		<i>For Satin Face And Enameled Return, Add</i>	10.23	
		<i>For Patina Finish, Add</i>	13.64	
		<i>For Color Anodized, Add</i>	17.06	
10 14 19 00-0006	EA	5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	78.75	9.87
		<i>For Installation With Adhesive, Deduct</i>	-7.86	
		<i>For Clear Anodized, Add</i>	3.95	
		<i>For Satin Face And Enameled Return, Add</i>	11.85	
		<i>For Patina Finish, Add</i>	15.80	
		<i>For Color Anodized, Add</i>	19.75	
10 14 19 00-0007	EA	6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	86.51	10.40
		<i>For Installation With Adhesive, Deduct</i>	-8.49	
		<i>For Clear Anodized, Add</i>	4.49	
		<i>For Satin Face And Enameled Return, Add</i>	13.47	
		<i>For Patina Finish, Add</i>	17.96	
		<i>For Color Anodized, Add</i>	22.45	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0008	EA		8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	103.23	11.89
			<i>For Installation With Adhesive, Deduct</i>	-9.92	
			<i>For Clear Anodized, Add</i>	5.57	
			<i>For Satin Face And Enameled Return, Add</i>	16.70	
			<i>For Patina Finish, Add</i>	22.26	
			<i>For Color Anodized, Add</i>	27.83	
10 14 19 00-0009	EA		9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	114.59	12.49
			<i>For Installation With Adhesive, Deduct</i>	-10.72	
			<i>For Clear Anodized, Add</i>	6.46	
			<i>For Satin Face And Enameled Return, Add</i>	19.39	
			<i>For Patina Finish, Add</i>	25.86	
			<i>For Color Anodized, Add</i>	32.32	
10 14 19 00-0010	EA		10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	130.72	13.38
			<i>For Installation With Adhesive, Deduct</i>	-11.89	
			<i>For Clear Anodized, Add</i>	7.72	
			<i>For Satin Face And Enameled Return, Add</i>	23.16	
			<i>For Patina Finish, Add</i>	30.88	
			<i>For Color Anodized, Add</i>	38.61	
10 14 19 00-0011	EA		12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	158.81	15.46
			<i>For Installation With Adhesive, Deduct</i>	-14.13	
			<i>For Clear Anodized, Add</i>	9.70	
			<i>For Satin Face And Enameled Return, Add</i>	29.09	
			<i>For Patina Finish, Add</i>	38.78	
			<i>For Color Anodized, Add</i>	48.48	
10 14 19 00-0012	EA		14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	189.86	17.84
			<i>For Installation With Adhesive, Deduct</i>	-16.63	
			<i>For Clear Anodized, Add</i>	11.85	
			<i>For Satin Face And Enameled Return, Add</i>	35.55	
			<i>For Patina Finish, Add</i>	47.40	
			<i>For Color Anodized, Add</i>	59.25	
10 14 19 00-0013	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	208.60	19.83
			<i>For Installation With Adhesive, Deduct</i>	-18.36	
			<i>For Clear Anodized, Add</i>	12.93	
			<i>For Satin Face And Enameled Return, Add</i>	38.78	
			<i>For Patina Finish, Add</i>	51.71	
			<i>For Color Anodized, Add</i>	64.64	
10 14 19 00-0014	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	232.86	21.41
			<i>For Installation With Adhesive, Deduct</i>	-20.21	
			<i>For Clear Anodized, Add</i>	14.72	
			<i>For Satin Face And Enameled Return, Add</i>	44.17	
			<i>For Patina Finish, Add</i>	58.89	
			<i>For Color Anodized, Add</i>	73.62	
10 14 19 00-0015	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	281.88	23.78
			<i>For Installation With Adhesive, Deduct</i>	-23.61	
			<i>For Clear Anodized, Add</i>	18.67	
			<i>For Satin Face And Enameled Return, Add</i>	56.02	
			<i>For Patina Finish, Add</i>	74.69	
			<i>For Color Anodized, Add</i>	93.37	
10 14 19 00-0016	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	340.46	26.76
			<i>For Installation With Adhesive, Deduct</i>	-27.73	
			<i>For Clear Anodized, Add</i>	23.34	
			<i>For Satin Face And Enameled Return, Add</i>	70.03	
			<i>For Patina Finish, Add</i>	93.37	
			<i>For Color Anodized, Add</i>	116.71	
10 14 19 00-0017	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs .....	409.80	29.73
			<i>For Installation With Adhesive, Deduct</i>	-32.38	
			<i>For Clear Anodized, Add</i>	29.09	
			<i>For Satin Face And Enameled Return, Add</i>	87.26	
			<i>For Patina Finish, Add</i>	116.35	
			<i>For Color Anodized, Add</i>	145.44	
<b>10 14 19 00-0018</b>			<b>Satin Finish, Cast Bronze Characters</b> <small>(10 14 19 00-0001)</small>		
10 14 19 00-0019	EA		2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs .....	63.95	8.18
			<i>For Installation With Adhesive, Deduct</i>	-6.47	
			<i>For Oxidized Finish, Add</i>	4.69	
			<i>For Polished Or Patina Finish, Add</i>	9.37	
10 14 19 00-0020	EA		3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs .....	90.72	8.92
			<i>For Installation With Adhesive, Deduct</i>	-8.10	
			<i>For Oxidized Finish, Add</i>	8.26	
			<i>For Polished Or Patina Finish, Add</i>	16.51	
10 14 19 00-0021	EA		4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs .....	99.06	9.52
			<i>For Installation With Adhesive, Deduct</i>	-8.76	
			<i>For Oxidized Finish, Add</i>	9.15	
			<i>For Polished Or Patina Finish, Add</i>	18.30	
10 14 19 00-0022	EA		5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs .....	120.18	10.70
			<i>For Installation With Adhesive, Deduct</i>	-10.29	
			<i>For Oxidized Finish, Add</i>	11.60	
			<i>For Polished Or Patina Finish, Add</i>	23.21	
10 14 19 00-0023	EA		6" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs .....	133.56	11.42
			<i>For Installation With Adhesive, Deduct</i>	-11.26	
			<i>For Oxidized Finish, Add</i>	13.17	
			<i>For Polished Or Patina Finish, Add</i>	26.33	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 19 00-0024	EA	8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	177.30	13.08
		<i>For Installation With Adhesive, Deduct</i>	-14.10	
		<i>For Oxidized Finish, Add</i>	18.75	
		<i>For Polished Or Patina Finish, Add</i>	37.49	
10 14 19 00-0025	EA	9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	201.99	13.67
		<i>For Installation With Adhesive, Deduct</i>	-15.57	
		<i>For Oxidized Finish, Add</i>	22.09	
		<i>For Polished Or Patina Finish, Add</i>	44.18	
10 14 19 00-0026	EA	10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	226.08	14.87
		<i>For Installation With Adhesive, Deduct</i>	-17.25	
		<i>For Oxidized Finish, Add</i>	24.99	
		<i>For Polished Or Patina Finish, Add</i>	49.99	
10 14 19 00-0027	EA	12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	268.33	17.24
		<i>For Installation With Adhesive, Deduct</i>	-20.31	
		<i>For Oxidized Finish, Add</i>	29.90	
		<i>For Polished Or Patina Finish, Add</i>	59.81	
10 14 19 00-0028	EA	14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	315.04	19.62
		<i>For Installation With Adhesive, Deduct</i>	-23.60	
		<i>For Oxidized Finish, Add</i>	35.48	
		<i>For Polished Or Patina Finish, Add</i>	70.96	
10 14 19 00-0029	EA	15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	373.35	23.78
		<i>For Installation With Adhesive, Deduct</i>	-28.18	
		<i>For Oxidized Finish, Add</i>	41.73	
		<i>For Polished Or Patina Finish, Add</i>	83.46	
10 14 19 00-0030	EA	16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	387.92	25.57
		<i>For Installation With Adhesive, Deduct</i>	-29.62	
		<i>For Oxidized Finish, Add</i>	42.85	
		<i>For Polished Or Patina Finish, Add</i>	85.69	
10 14 19 00-0031	EA	18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	548.87	29.73
		<i>For Installation With Adhesive, Deduct</i>	-39.34	
		<i>For Oxidized Finish, Add</i>	64.49	
		<i>For Polished Or Patina Finish, Add</i>	128.98	
10 14 19 00-0032	EA	20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	660.43	33.45
		<i>For Installation With Adhesive, Deduct</i>	-46.40	
		<i>For Oxidized Finish, Add</i>	79.00	
		<i>For Polished Or Patina Finish, Add</i>	157.99	
10 14 19 00-0033	EA	24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	838.95	38.65
		<i>For Installation With Adhesive, Deduct</i>	-57.41	
		<i>For Oxidized Finish, Add</i>	102.65	
		<i>For Polished Or Patina Finish, Add</i>	205.30	
10 14 19 00-0034		<b>Molded Characters</b> <small>(10 14 19)</small>		
		Note: Any font.		
10 14 19 00-0035		<b>Molded Plastic Characters</b> <small>(10 14 19 00-0034)</small>		
10 14 19 00-0036	EA	4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	39.95	5.95
		<i>For Installation With Adhesive, Deduct</i>	-4.38	
10 14 19 00-0037	EA	5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	43.33	6.54
		<i>For Installation With Adhesive, Deduct</i>	-4.78	
10 14 19 00-0038	EA	6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	47.80	7.13
		<i>For Installation With Adhesive, Deduct</i>	-5.24	
10 14 19 00-0039	EA	8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	60.51	7.73
		<i>For Installation With Adhesive, Deduct</i>	-6.12	
10 14 19 00-0040	EA	9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	65.38	8.32
		<i>For Installation With Adhesive, Deduct</i>	-6.60	
10 14 19 00-0041	EA	10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	70.76	8.92
		<i>For Installation With Adhesive, Deduct</i>	-7.11	
10 14 19 00-0042	EA	12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	82.47	10.40
		<i>For Installation With Adhesive, Deduct</i>	-8.29	
10 14 19 00-0043	EA	15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	108.36	13.08
		<i>For Installation With Adhesive, Deduct</i>	-10.65	
10 14 19 00-0044	EA	18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	137.38	15.46
		<i>For Installation With Adhesive, Deduct</i>	-13.05	
10 14 19 00-0045	EA	24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	201.45	19.03
		<i>For Installation With Adhesive, Deduct</i>	-17.68	
10 14 19 00-0046	EA	30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	296.16	22.30
		<i>For Installation With Adhesive, Deduct</i>	-23.73	
10 14 19 00-0047	EA	36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	386.93	25.57
		<i>For Installation With Adhesive, Deduct</i>	-29.57	
10 14 19 00-0048	EA	48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	716.86	34.19
		<i>For Installation With Adhesive, Deduct</i>	-49.52	
10 14 19 00-0049		<b>Cutout Characters</b> <small>(10 14 19)</small>		
		Note: Any font.		
10 14 19 00-0050		<b>Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0049)</small>		
10 14 19 00-0051		<b>1/4" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0050)</small>		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0052	EA		2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	49.48	7.44
			<i>For Installation With Adhesive, Deduct</i>	-5.45	
			<i>For Clear Anodized, Add</i>	1.98	
			<i>For Satin Face And Enameled Return, Add</i>	6.91	
			<i>For Color Anodized, Add</i>	9.88	
			<i>For Polished Or Patina Finish, Add</i>	9.88	
			<i>For Polished Anodized Finish, Add</i>	14.81	
10 14 19 00-0053	EA		4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	68.60	8.62
			<i>For Installation With Adhesive, Deduct</i>	-6.88	
			<i>For Clear Anodized, Add</i>	3.41	
			<i>For Satin Face And Enameled Return, Add</i>	11.94	
			<i>For Color Anodized, Add</i>	17.06	
			<i>For Polished Or Patina Finish, Add</i>	17.06	
			<i>For Polished Anodized Finish, Add</i>	25.58	
10 14 19 00-0054	EA		6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	91.89	10.40
			<i>For Installation With Adhesive, Deduct</i>	-8.76	
			<i>For Clear Anodized, Add</i>	5.03	
			<i>For Satin Face And Enameled Return, Add</i>	17.59	
			<i>For Color Anodized, Add</i>	25.14	
			<i>For Polished Or Patina Finish, Add</i>	25.14	
			<i>For Polished Anodized Finish, Add</i>	37.70	
10 14 19 00-0055	EA		8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	112.21	11.89
			<i>For Installation With Adhesive, Deduct</i>	-10.37	
			<i>For Clear Anodized, Add</i>	6.46	
			<i>For Satin Face And Enameled Return, Add</i>	22.62	
			<i>For Color Anodized, Add</i>	32.32	
			<i>For Polished Or Patina Finish, Add</i>	32.32	
			<i>For Polished Anodized Finish, Add</i>	48.48	
10 14 19 00-0056	EA		10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	128.92	13.38
			<i>For Installation With Adhesive, Deduct</i>	-11.80	
			<i>For Clear Anodized, Add</i>	7.54	
			<i>For Satin Face And Enameled Return, Add</i>	26.39	
			<i>For Color Anodized, Add</i>	37.71	
			<i>For Polished Or Patina Finish, Add</i>	37.71	
			<i>For Polished Anodized Finish, Add</i>	56.56	
10 14 19 00-0057	EA		12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	148.03	15.46
			<i>For Installation With Adhesive, Deduct</i>	-13.59	
			<i>For Clear Anodized, Add</i>	8.62	
			<i>For Satin Face And Enameled Return, Add</i>	30.16	
			<i>For Color Anodized, Add</i>	43.09	
			<i>For Polished Or Patina Finish, Add</i>	43.09	
			<i>For Polished Anodized Finish, Add</i>	64.64	
10 14 19 00-0058	EA		14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	173.69	17.84
			<i>For Installation With Adhesive, Deduct</i>	-15.82	
			<i>For Clear Anodized, Add</i>	10.23	
			<i>For Satin Face And Enameled Return, Add</i>	35.82	
			<i>For Color Anodized, Add</i>	51.17	
			<i>For Polished Or Patina Finish, Add</i>	51.17	
			<i>For Polished Anodized Finish, Add</i>	76.76	
10 14 19 00-0059	EA		16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	205.93	21.41
			<i>For Installation With Adhesive, Deduct</i>	-18.86	
			<i>For Clear Anodized, Add</i>	12.03	
			<i>For Satin Face And Enameled Return, Add</i>	42.11	
			<i>For Color Anodized, Add</i>	60.15	
			<i>For Polished Or Patina Finish, Add</i>	60.15	
			<i>For Polished Anodized Finish, Add</i>	90.23	
10 14 19 00-0060	EA		18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	231.61	23.78
			<i>For Installation With Adhesive, Deduct</i>	-21.10	
			<i>For Clear Anodized, Add</i>	13.65	
			<i>For Satin Face And Enameled Return, Add</i>	47.76	
			<i>For Color Anodized, Add</i>	68.23	
			<i>For Polished Or Patina Finish, Add</i>	68.23	
			<i>For Polished Anodized Finish, Add</i>	102.35	
10 14 19 00-0061	EA		20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	277.61	26.76
			<i>For Installation With Adhesive, Deduct</i>	-24.58	
			<i>For Clear Anodized, Add</i>	17.06	
			<i>For Satin Face And Enameled Return, Add</i>	59.70	
			<i>For Color Anodized, Add</i>	85.29	
			<i>For Polished Or Patina Finish, Add</i>	85.29	
			<i>For Polished Anodized Finish, Add</i>	127.93	
10 14 19 00-0062	EA		22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	317.68	28.24
			<i>For Installation With Adhesive, Deduct</i>	-27.18	
			<i>For Clear Anodized, Add</i>	20.47	
			<i>For Satin Face And Enameled Return, Add</i>	71.64	
			<i>For Color Anodized, Add</i>	102.35	
			<i>For Polished Or Patina Finish, Add</i>	102.35	
			<i>For Polished Anodized Finish, Add</i>	153.52	
10 14 19 00-0063	EA		24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	391.85	29.73
			<i>For Installation With Adhesive, Deduct</i>	-31.49	
			<i>For Clear Anodized, Add</i>	27.29	
			<i>For Satin Face And Enameled Return, Add</i>	95.52	
			<i>For Color Anodized, Add</i>	136.46	
			<i>For Polished Or Patina Finish, Add</i>	136.46	
			<i>For Polished Anodized Finish, Add</i>	204.69	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0064	EA		30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	558.68	35.68
			<i>For Installation With Adhesive, Deduct</i>	-42.21	
			<i>For Clear Anodized, Add</i>	41.60	
			<i>For Satin Face And Enameled Return, Add</i>	145.59	
			<i>For Color Anodized, Add</i>	207.98	
			<i>For Polished Or Patina Finish, Add</i>	207.98	
			<i>For Polished Anodized Finish, Add</i>	311.97	
<b>10 14 19 00-0065</b>			<b>3/8" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0065)</small>		
10 14 19 00-0066	EA		2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	62.12	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.08	
			<i>For Clear Anodized, Add</i>	3.24	
			<i>For Satin Face And Enameled Return, Add</i>	11.34	
			<i>For Color Anodized, Add</i>	16.20	
			<i>For Polished Or Patina Finish, Add</i>	16.20	
			<i>For Polished Anodized Finish, Add</i>	24.29	
10 14 19 00-0067	EA		4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	88.39	8.62
			<i>For Installation With Adhesive, Deduct</i>	-7.87	
			<i>For Clear Anodized, Add</i>	5.39	
			<i>For Satin Face And Enameled Return, Add</i>	18.87	
			<i>For Color Anodized, Add</i>	26.95	
			<i>For Polished Or Patina Finish, Add</i>	26.95	
			<i>For Polished Anodized Finish, Add</i>	40.43	
10 14 19 00-0068	EA		6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	111.50	10.40
			<i>For Installation With Adhesive, Deduct</i>	-9.74	
			<i>For Clear Anodized, Add</i>	6.99	
			<i>For Satin Face And Enameled Return, Add</i>	24.46	
			<i>For Color Anodized, Add</i>	34.94	
			<i>For Polished Or Patina Finish, Add</i>	34.94	
			<i>For Polished Anodized Finish, Add</i>	52.41	
10 14 19 00-0069	EA		8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	139.36	11.89
			<i>For Installation With Adhesive, Deduct</i>	-11.73	
			<i>For Clear Anodized, Add</i>	9.18	
			<i>For Satin Face And Enameled Return, Add</i>	32.13	
			<i>For Color Anodized, Add</i>	45.90	
			<i>For Polished Or Patina Finish, Add</i>	45.90	
			<i>For Polished Anodized Finish, Add</i>	68.84	
10 14 19 00-0070	EA		10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	161.35	13.38
			<i>For Installation With Adhesive, Deduct</i>	-13.42	
			<i>For Clear Anodized, Add</i>	10.78	
			<i>For Satin Face And Enameled Return, Add</i>	37.74	
			<i>For Color Anodized, Add</i>	53.92	
			<i>For Polished Or Patina Finish, Add</i>	53.92	
			<i>For Polished Anodized Finish, Add</i>	80.88	
10 14 19 00-0071	EA		12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	189.40	15.46
			<i>For Installation With Adhesive, Deduct</i>	-15.66	
			<i>For Clear Anodized, Add</i>	12.76	
			<i>For Satin Face And Enameled Return, Add</i>	44.64	
			<i>For Color Anodized, Add</i>	63.78	
			<i>For Polished Or Patina Finish, Add</i>	63.78	
			<i>For Polished Anodized Finish, Add</i>	95.66	
10 14 19 00-0072	EA		14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	221.79	17.84
			<i>For Installation With Adhesive, Deduct</i>	-18.22	
			<i>For Clear Anodized, Add</i>	15.04	
			<i>For Satin Face And Enameled Return, Add</i>	52.65	
			<i>For Color Anodized, Add</i>	75.22	
			<i>For Polished Or Patina Finish, Add</i>	75.22	
			<i>For Polished Anodized Finish, Add</i>	112.83	
10 14 19 00-0073	EA		16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	274.50	21.41
			<i>For Installation With Adhesive, Deduct</i>	-22.29	
			<i>For Clear Anodized, Add</i>	18.89	
			<i>For Satin Face And Enameled Return, Add</i>	66.10	
			<i>For Color Anodized, Add</i>	94.44	
			<i>For Polished Or Patina Finish, Add</i>	94.44	
			<i>For Polished Anodized Finish, Add</i>	141.65	
10 14 19 00-0074	EA		18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	317.58	23.78
			<i>For Installation With Adhesive, Deduct</i>	-25.39	
			<i>For Clear Anodized, Add</i>	22.24	
			<i>For Satin Face And Enameled Return, Add</i>	77.85	
			<i>For Color Anodized, Add</i>	111.22	
			<i>For Polished Or Patina Finish, Add</i>	111.22	
			<i>For Polished Anodized Finish, Add</i>	166.82	
10 14 19 00-0075	EA		20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	368.02	26.76
			<i>For Installation With Adhesive, Deduct</i>	-29.11	
			<i>For Clear Anodized, Add</i>	26.10	
			<i>For Satin Face And Enameled Return, Add</i>	91.34	
			<i>For Color Anodized, Add</i>	130.49	
			<i>For Polished Or Patina Finish, Add</i>	130.49	
			<i>For Polished Anodized Finish, Add</i>	195.74	
10 14 19 00-0076	EA		22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	411.83	28.24
			<i>For Installation With Adhesive, Deduct</i>	-31.89	
			<i>For Clear Anodized, Add</i>	29.88	
			<i>For Satin Face And Enameled Return, Add</i>	104.59	
			<i>For Color Anodized, Add</i>	149.42	
			<i>For Polished Or Patina Finish, Add</i>	149.42	
			<i>For Polished Anodized Finish, Add</i>	224.13	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0077	EA		24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	457.35	29.73
			<i>For Installation With Adhesive, Deduct</i>	-34.76	
			<i>For Clear Anodized, Add</i>	33.84	
			<i>For Satin Face And Enameled Return, Add</i>	118.45	
			<i>For Color Anodized, Add</i>	169.21	
			<i>For Polished Or Patina Finish, Add</i>	169.21	
			<i>For Polished Anodized Finish, Add</i>	253.82	
10 14 19 00-0078	EA		30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	627.50	35.68
			<i>For Installation With Adhesive, Deduct</i>	-45.65	
			<i>For Clear Anodized, Add</i>	48.48	
			<i>For Satin Face And Enameled Return, Add</i>	169.67	
			<i>For Color Anodized, Add</i>	242.39	
			<i>For Polished Or Patina Finish, Add</i>	242.39	
			<i>For Polished Anodized Finish, Add</i>	363.59	
10 14 19 00-0079			<b>1/2" Deep, Satin Finish, Aluminum Characters</b> <small>(10 14 19 00-0050)</small>		
10 14 19 00-0080	EA		2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	76.74	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.81	
			<i>For Clear Anodized, Add</i>	4.70	
			<i>For Satin Face And Enameled Return, Add</i>	16.45	
			<i>For Color Anodized, Add</i>	23.51	
			<i>For Polished Or Patina Finish, Add</i>	23.51	
			<i>For Polished Anodized Finish, Add</i>	35.26	
10 14 19 00-0081	EA		4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	98.97	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.40	
			<i>For Clear Anodized, Add</i>	6.45	
			<i>For Satin Face And Enameled Return, Add</i>	22.57	
			<i>For Color Anodized, Add</i>	32.24	
			<i>For Polished Or Patina Finish, Add</i>	32.24	
			<i>For Polished Anodized Finish, Add</i>	48.36	
10 14 19 00-0082	EA		6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	124.07	10.40
			<i>For Installation With Adhesive, Deduct</i>	-10.37	
			<i>For Clear Anodized, Add</i>	8.25	
			<i>For Satin Face And Enameled Return, Add</i>	28.86	
			<i>For Color Anodized, Add</i>	41.23	
			<i>For Polished Or Patina Finish, Add</i>	41.23	
			<i>For Polished Anodized Finish, Add</i>	61.84	
10 14 19 00-0083	EA		8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	146.47	11.89
			<i>For Installation With Adhesive, Deduct</i>	-12.08	
			<i>For Clear Anodized, Add</i>	9.89	
			<i>For Satin Face And Enameled Return, Add</i>	34.62	
			<i>For Color Anodized, Add</i>	49.45	
			<i>For Polished Or Patina Finish, Add</i>	49.45	
			<i>For Polished Anodized Finish, Add</i>	74.18	
10 14 19 00-0084	EA		10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	170.40	13.38
			<i>For Installation With Adhesive, Deduct</i>	-13.87	
			<i>For Clear Anodized, Add</i>	11.69	
			<i>For Satin Face And Enameled Return, Add</i>	40.91	
			<i>For Color Anodized, Add</i>	58.45	
			<i>For Polished Or Patina Finish, Add</i>	58.45	
			<i>For Polished Anodized Finish, Add</i>	87.67	
10 14 19 00-0085	EA		12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	209.22	15.46
			<i>For Installation With Adhesive, Deduct</i>	-16.65	
			<i>For Clear Anodized, Add</i>	14.74	
			<i>For Satin Face And Enameled Return, Add</i>	51.58	
			<i>For Color Anodized, Add</i>	73.69	
			<i>For Polished Or Patina Finish, Add</i>	73.69	
			<i>For Polished Anodized Finish, Add</i>	110.53	
10 14 19 00-0086	EA		14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	257.62	17.84
			<i>For Installation With Adhesive, Deduct</i>	-20.02	
			<i>For Clear Anodized, Add</i>	18.63	
			<i>For Satin Face And Enameled Return, Add</i>	65.19	
			<i>For Color Anodized, Add</i>	93.14	
			<i>For Polished Or Patina Finish, Add</i>	93.14	
			<i>For Polished Anodized Finish, Add</i>	139.70	
10 14 19 00-0087	EA		16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	311.79	21.41
			<i>For Installation With Adhesive, Deduct</i>	-24.15	
			<i>For Clear Anodized, Add</i>	22.62	
			<i>For Satin Face And Enameled Return, Add</i>	79.16	
			<i>For Color Anodized, Add</i>	113.08	
			<i>For Polished Or Patina Finish, Add</i>	113.08	
			<i>For Polished Anodized Finish, Add</i>	169.62	
10 14 19 00-0088	EA		18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	377.62	23.78
			<i>For Installation With Adhesive, Deduct</i>	-28.40	
			<i>For Clear Anodized, Add</i>	28.25	
			<i>For Satin Face And Enameled Return, Add</i>	98.86	
			<i>For Color Anodized, Add</i>	141.24	
			<i>For Polished Or Patina Finish, Add</i>	141.24	
			<i>For Polished Anodized Finish, Add</i>	211.85	
10 14 19 00-0089	EA		20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	444.77	26.76
			<i>For Installation With Adhesive, Deduct</i>	-32.94	
			<i>For Clear Anodized, Add</i>	33.77	
			<i>For Satin Face And Enameled Return, Add</i>	118.21	
			<i>For Color Anodized, Add</i>	168.87	
			<i>For Polished Or Patina Finish, Add</i>	168.87	
			<i>For Polished Anodized Finish, Add</i>	253.30	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0090 EA 22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	510.08	28.24
For Installation With Adhesive, Deduct	-36.80	
For Clear Anodized, Add	39.71	
For Satin Face And Enameled Return, Add	138.98	
For Color Anodized, Add	198.55	
For Polished Or Patina Finish, Add	198.55	
For Polished Anodized Finish, Add	297.82	
10 14 19 00-0091 EA 24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	571.97	29.73
For Installation With Adhesive, Deduct	-40.49	
For Clear Anodized, Add	45.30	
For Satin Face And Enameled Return, Add	158.56	
For Color Anodized, Add	226.52	
For Polished Or Patina Finish, Add	226.52	
For Polished Anodized Finish, Add	339.78	
10 14 19 00-0092 EA 30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	792.33	35.68
For Installation With Adhesive, Deduct	-53.89	
For Clear Anodized, Add	64.96	
For Satin Face And Enameled Return, Add	227.36	
For Color Anodized, Add	324.81	
For Polished Or Patina Finish, Add	324.81	
For Polished Anodized Finish, Add	487.21	
<b>10 14 19 00-0093 3/4" Deep, Satin Finish, Aluminum Characters (10 14 19 00-0050)</b>		
10 14 19 00-0094 EA 2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	80.09	7.44
For Installation With Adhesive, Deduct	-6.98	
For Clear Anodized, Add	5.04	
For Satin Face And Enameled Return, Add	17.63	
For Color Anodized, Add	25.18	
For Polished Or Patina Finish, Add	25.18	
For Polished Anodized Finish, Add	37.77	
10 14 19 00-0095 EA 4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	102.72	8.62
For Installation With Adhesive, Deduct	-8.59	
For Clear Anodized, Add	6.82	
For Satin Face And Enameled Return, Add	23.88	
For Color Anodized, Add	34.12	
For Polished Or Patina Finish, Add	34.12	
For Polished Anodized Finish, Add	51.17	
10 14 19 00-0096 EA 6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	135.13	10.40
For Installation With Adhesive, Deduct	-10.92	
For Clear Anodized, Add	9.35	
For Satin Face And Enameled Return, Add	32.73	
For Color Anodized, Add	46.76	
For Polished Or Patina Finish, Add	46.76	
For Polished Anodized Finish, Add	70.13	
10 14 19 00-0097 EA 8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	178.79	11.89
For Installation With Adhesive, Deduct	-13.70	
For Clear Anodized, Add	13.12	
For Satin Face And Enameled Return, Add	45.93	
For Color Anodized, Add	65.61	
For Polished Or Patina Finish, Add	65.61	
For Polished Anodized Finish, Add	98.42	
10 14 19 00-0098 EA 10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	223.94	13.38
For Installation With Adhesive, Deduct	-16.55	
For Clear Anodized, Add	17.04	
For Satin Face And Enameled Return, Add	59.65	
For Color Anodized, Add	85.22	
For Polished Or Patina Finish, Add	85.22	
For Polished Anodized Finish, Add	127.82	
10 14 19 00-0099 EA 12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	280.76	15.46
For Installation With Adhesive, Deduct	-20.22	
For Clear Anodized, Add	21.89	
For Satin Face And Enameled Return, Add	76.62	
For Color Anodized, Add	109.46	
For Polished Or Patina Finish, Add	109.46	
For Polished Anodized Finish, Add	164.18	
10 14 19 00-0100 EA 14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	349.72	17.84
For Installation With Adhesive, Deduct	-24.62	
For Clear Anodized, Add	27.84	
For Satin Face And Enameled Return, Add	97.43	
For Color Anodized, Add	139.19	
For Polished Or Patina Finish, Add	139.19	
For Polished Anodized Finish, Add	208.78	
10 14 19 00-0101 EA 16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	432.09	21.41
For Installation With Adhesive, Deduct	-30.17	
For Clear Anodized, Add	34.65	
For Satin Face And Enameled Return, Add	121.26	
For Color Anodized, Add	173.23	
For Polished Or Patina Finish, Add	173.23	
For Polished Anodized Finish, Add	259.85	
10 14 19 00-0102 EA 18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	527.72	23.78
For Installation With Adhesive, Deduct	-35.90	
For Clear Anodized, Add	43.26	
For Satin Face And Enameled Return, Add	151.40	
For Color Anodized, Add	216.29	
For Polished Or Patina Finish, Add	216.29	
For Polished Anodized Finish, Add	324.43	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0103	EA		20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	627.29	26.76
			<i>For Installation With Adhesive, Deduct</i>	-42.07	
			<i>For Clear Anodized, Add</i>	52.03	
			<i>For Satin Face And Enameled Return, Add</i>	182.09	
			<i>For Color Anodized, Add</i>	260.13	
			<i>For Polished Or Patina Finish, Add</i>	260.13	
			<i>For Polished Anodized Finish, Add</i>	390.19	
10 14 19 00-0104	EA		22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	727.05	28.24
			<i>For Installation With Adhesive, Deduct</i>	-47.65	
			<i>For Clear Anodized, Add</i>	61.41	
			<i>For Satin Face And Enameled Return, Add</i>	214.92	
			<i>For Color Anodized, Add</i>	307.03	
			<i>For Polished Or Patina Finish, Add</i>	307.03	
			<i>For Polished Anodized Finish, Add</i>	460.55	
10 14 19 00-0105	EA		24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	831.24	29.73
			<i>For Installation With Adhesive, Deduct</i>	-53.46	
			<i>For Clear Anodized, Add</i>	71.23	
			<i>For Satin Face And Enameled Return, Add</i>	249.31	
			<i>For Color Anodized, Add</i>	356.16	
			<i>For Polished Or Patina Finish, Add</i>	356.16	
			<i>For Polished Anodized Finish, Add</i>	534.23	
10 14 19 00-0106	EA		30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	1,141.38	35.68
			<i>For Installation With Adhesive, Deduct</i>	-71.34	
			<i>For Clear Anodized, Add</i>	99.87	
			<i>For Satin Face And Enameled Return, Add</i>	349.53	
			<i>For Color Anodized, Add</i>	499.33	
			<i>For Polished Or Patina Finish, Add</i>	499.33	
			<i>For Polished Anodized Finish, Add</i>	749.00	
<b>10 14 19 00-0107</b>			<b>1" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small></b>		
10 14 19 00-0108	EA		2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	88.98	7.44
			<i>For Installation With Adhesive, Deduct</i>	-7.42	
			<i>For Clear Anodized, Add</i>	5.93	
			<i>For Satin Face And Enameled Return, Add</i>	20.74	
			<i>For Color Anodized, Add</i>	29.63	
			<i>For Polished Or Patina Finish, Add</i>	29.63	
			<i>For Polished Anodized Finish, Add</i>	44.44	
10 14 19 00-0109	EA		4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	109.88	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.94	
			<i>For Clear Anodized, Add</i>	7.54	
			<i>For Satin Face And Enameled Return, Add</i>	26.39	
			<i>For Color Anodized, Add</i>	37.70	
			<i>For Polished Or Patina Finish, Add</i>	37.70	
			<i>For Polished Anodized Finish, Add</i>	56.54	
10 14 19 00-0110	EA		6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	144.18	10.40
			<i>For Installation With Adhesive, Deduct</i>	-11.37	
			<i>For Clear Anodized, Add</i>	10.26	
			<i>For Satin Face And Enameled Return, Add</i>	35.90	
			<i>For Color Anodized, Add</i>	51.28	
			<i>For Polished Or Patina Finish, Add</i>	51.28	
			<i>For Polished Anodized Finish, Add</i>	76.92	
10 14 19 00-0111	EA		8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	196.88	11.89
			<i>For Installation With Adhesive, Deduct</i>	-14.60	
			<i>For Clear Anodized, Add</i>	14.93	
			<i>For Satin Face And Enameled Return, Add</i>	52.26	
			<i>For Color Anodized, Add</i>	74.66	
			<i>For Polished Or Patina Finish, Add</i>	74.66	
			<i>For Polished Anodized Finish, Add</i>	111.98	
10 14 19 00-0112	EA		10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	266.92	13.38
			<i>For Installation With Adhesive, Deduct</i>	-18.70	
			<i>For Clear Anodized, Add</i>	21.34	
			<i>For Satin Face And Enameled Return, Add</i>	74.69	
			<i>For Color Anodized, Add</i>	106.71	
			<i>For Polished Or Patina Finish, Add</i>	106.71	
			<i>For Polished Anodized Finish, Add</i>	160.06	
10 14 19 00-0113	EA		12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	348.84	15.46
			<i>For Installation With Adhesive, Deduct</i>	-23.63	
			<i>For Clear Anodized, Add</i>	28.70	
			<i>For Satin Face And Enameled Return, Add</i>	100.45	
			<i>For Color Anodized, Add</i>	143.50	
			<i>For Polished Or Patina Finish, Add</i>	143.50	
			<i>For Polished Anodized Finish, Add</i>	215.24	
10 14 19 00-0114	EA		14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	440.81	17.84
			<i>For Installation With Adhesive, Deduct</i>	-29.18	
			<i>For Clear Anodized, Add</i>	36.95	
			<i>For Satin Face And Enameled Return, Add</i>	129.31	
			<i>For Color Anodized, Add</i>	184.73	
			<i>For Polished Or Patina Finish, Add</i>	184.73	
			<i>For Polished Anodized Finish, Add</i>	277.10	
10 14 19 00-0115	EA		16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs .....	547.58	21.41
			<i>For Installation With Adhesive, Deduct</i>	-35.94	
			<i>For Clear Anodized, Add</i>	46.20	
			<i>For Satin Face And Enameled Return, Add</i>	161.68	
			<i>For Color Anodized, Add</i>	230.98	
			<i>For Polished Or Patina Finish, Add</i>	230.98	
			<i>For Polished Anodized Finish, Add</i>	346.46	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0116	EA		18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	662.82	23.78
			<i>For Installation With Adhesive, Deduct</i>	-42.66	
			<i>For Clear Anodized, Add</i>	56.77	
			<i>For Satin Face And Enameled Return, Add</i>	198.68	
			<i>For Color Anodized, Add</i>	283.84	
			<i>For Polished Or Patina Finish, Add</i>	283.84	
			<i>For Polished Anodized Finish, Add</i>	425.75	
10 14 19 00-0117	EA		20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	814.92	26.76
			<i>For Installation With Adhesive, Deduct</i>	-51.45	
			<i>For Clear Anodized, Add</i>	70.79	
			<i>For Satin Face And Enameled Return, Add</i>	247.76	
			<i>For Color Anodized, Add</i>	353.94	
			<i>For Polished Or Patina Finish, Add</i>	353.94	
			<i>For Polished Anodized Finish, Add</i>	530.91	
10 14 19 00-0118	EA		22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	970.63	28.24
			<i>For Installation With Adhesive, Deduct</i>	-59.83	
			<i>For Clear Anodized, Add</i>	85.76	
			<i>For Satin Face And Enameled Return, Add</i>	300.17	
			<i>For Color Anodized, Add</i>	428.82	
			<i>For Polished Or Patina Finish, Add</i>	428.82	
			<i>For Polished Anodized Finish, Add</i>	643.23	
10 14 19 00-0119	EA		24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,145.09	29.73
			<i>For Installation With Adhesive, Deduct</i>	-69.15	
			<i>For Clear Anodized, Add</i>	102.62	
			<i>For Satin Face And Enameled Return, Add</i>	359.16	
			<i>For Color Anodized, Add</i>	513.08	
			<i>For Polished Or Patina Finish, Add</i>	513.08	
			<i>For Polished Anodized Finish, Add</i>	769.62	
10 14 19 00-0120	EA		30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,616.47	35.68
			<i>For Installation With Adhesive, Deduct</i>	-95.10	
			<i>For Clear Anodized, Add</i>	147.38	
			<i>For Satin Face And Enameled Return, Add</i>	515.81	
			<i>For Color Anodized, Add</i>	736.88	
			<i>For Polished Or Patina Finish, Add</i>	736.88	
			<i>For Polished Anodized Finish, Add</i>	1,105.31	
10 14 19 00-0121			Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122			1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123	EA		2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	66.18	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.28	
			<i>For Oxidized Finish, Add</i>	5.47	
			<i>For Polished Finish, Add</i>	10.94	
10 14 19 00-0124	EA		4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	85.22	8.62
			<i>For Installation With Adhesive, Deduct</i>	-7.71	
			<i>For Oxidized Finish, Add</i>	7.61	
			<i>For Polished Finish, Add</i>	15.22	
10 14 19 00-0125	EA		6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	117.13	10.40
			<i>For Installation With Adhesive, Deduct</i>	-10.02	
			<i>For Oxidized Finish, Add</i>	11.33	
			<i>For Polished Finish, Add</i>	22.65	
10 14 19 00-0126	EA		8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	153.03	11.89
			<i>For Installation With Adhesive, Deduct</i>	-12.41	
			<i>For Oxidized Finish, Add</i>	15.82	
			<i>For Polished Finish, Add</i>	31.64	
10 14 19 00-0127	EA		10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	195.42	13.38
			<i>For Installation With Adhesive, Deduct</i>	-15.12	
			<i>For Oxidized Finish, Add</i>	21.29	
			<i>For Polished Finish, Add</i>	42.57	
10 14 19 00-0128	EA		12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	246.73	15.46
			<i>For Installation With Adhesive, Deduct</i>	-18.52	
			<i>For Oxidized Finish, Add</i>	27.73	
			<i>For Polished Finish, Add</i>	55.46	
10 14 19 00-0129	EA		14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	308.31	17.84
			<i>For Installation With Adhesive, Deduct</i>	-22.55	
			<i>For Oxidized Finish, Add</i>	35.54	
			<i>For Polished Finish, Add</i>	71.09	
10 14 19 00-0130	EA		16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	375.96	21.41
			<i>For Installation With Adhesive, Deduct</i>	-27.36	
			<i>For Oxidized Finish, Add</i>	43.55	
			<i>For Polished Finish, Add</i>	87.10	
10 14 19 00-0131	EA		18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	455.97	23.78
			<i>For Installation With Adhesive, Deduct</i>	-32.31	
			<i>For Oxidized Finish, Add</i>	54.12	
			<i>For Polished Finish, Add</i>	108.25	
10 14 19 00-0132	EA		20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	541.89	26.76
			<i>For Installation With Adhesive, Deduct</i>	-37.80	
			<i>For Oxidized Finish, Add</i>	65.23	
			<i>For Polished Finish, Add</i>	130.46	
10 14 19 00-0133	EA		22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	665.01	28.24
			<i>For Installation With Adhesive, Deduct</i>	-44.55	
			<i>For Oxidized Finish, Add</i>	82.80	
			<i>For Polished Finish, Add</i>	165.61	



<b>Specialties</b>	<b>10</b>
Information Specialties	10 10
Signage	10 14

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0134	EA		24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	728.98	29.73
			<i>For Installation With Adhesive, Deduct</i>	-48.34	
			<i>For Oxidized Finish, Add</i>	91.51	
			<i>For Polished Finish, Add</i>	183.02	
10 14 19 00-0135	EA		30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,093.94	35.68
			<i>For Installation With Adhesive, Deduct</i>	-68.97	
			<i>For Oxidized Finish, Add</i>	142.68	
			<i>For Polished Finish, Add</i>	285.37	
<b>10 14 19 00-0136</b>			<b>3/8" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137	EA		2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	78.94	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.92	
			<i>For Oxidized Finish, Add</i>	7.38	
			<i>For Polished Finish, Add</i>	14.76	
10 14 19 00-0138	EA		4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	102.97	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.60	
			<i>For Oxidized Finish, Add</i>	10.27	
			<i>For Polished Finish, Add</i>	20.54	
10 14 19 00-0139	EA		6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	147.34	10.40
			<i>For Installation With Adhesive, Deduct</i>	-11.53	
			<i>For Oxidized Finish, Add</i>	15.86	
			<i>For Polished Finish, Add</i>	31.72	
10 14 19 00-0140	EA		8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	195.21	11.89
			<i>For Installation With Adhesive, Deduct</i>	-14.52	
			<i>For Oxidized Finish, Add</i>	22.15	
			<i>For Polished Finish, Add</i>	44.29	
10 14 19 00-0141	EA		10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	259.28	13.38
			<i>For Installation With Adhesive, Deduct</i>	-18.32	
			<i>For Oxidized Finish, Add</i>	30.87	
			<i>For Polished Finish, Add</i>	61.73	
10 14 19 00-0142	EA		12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	329.92	15.46
			<i>For Installation With Adhesive, Deduct</i>	-22.68	
			<i>For Oxidized Finish, Add</i>	40.21	
			<i>For Polished Finish, Add</i>	80.42	
10 14 19 00-0143	EA		14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	414.93	17.84
			<i>For Installation With Adhesive, Deduct</i>	-27.88	
			<i>For Oxidized Finish, Add</i>	51.54	
			<i>For Polished Finish, Add</i>	103.07	
10 14 19 00-0144	EA		16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	492.10	21.41
			<i>For Installation With Adhesive, Deduct</i>	-33.17	
			<i>For Oxidized Finish, Add</i>	60.97	
			<i>For Polished Finish, Add</i>	121.94	
10 14 19 00-0145	EA		18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	618.34	23.78
			<i>For Installation With Adhesive, Deduct</i>	-40.43	
			<i>For Oxidized Finish, Add</i>	78.48	
			<i>For Polished Finish, Add</i>	156.96	
10 14 19 00-0146	EA		20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	715.83	26.76
			<i>For Installation With Adhesive, Deduct</i>	-46.50	
			<i>For Oxidized Finish, Add</i>	91.32	
			<i>For Polished Finish, Add</i>	182.64	
10 14 19 00-0147	EA		22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	880.30	28.24
			<i>For Installation With Adhesive, Deduct</i>	-55.31	
			<i>For Oxidized Finish, Add</i>	115.10	
			<i>For Polished Finish, Add</i>	230.19	
10 14 19 00-0148	EA		24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,003.51	29.73
			<i>For Installation With Adhesive, Deduct</i>	-62.07	
			<i>For Oxidized Finish, Add</i>	132.69	
			<i>For Polished Finish, Add</i>	265.37	
10 14 19 00-0149	EA		30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,388.82	35.68
			<i>For Installation With Adhesive, Deduct</i>	-83.71	
			<i>For Oxidized Finish, Add</i>	186.92	
			<i>For Polished Finish, Add</i>	373.83	
<b>10 14 19 00-0150</b>			<b>1/2" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA		2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	98.99	7.44
			<i>For Installation With Adhesive, Deduct</i>	-7.92	
			<i>For Oxidized Finish, Add</i>	10.39	
			<i>For Polished Finish, Add</i>	20.78	
10 14 19 00-0152	EA		4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	128.33	8.62
			<i>For Installation With Adhesive, Deduct</i>	-9.87	
			<i>For Oxidized Finish, Add</i>	14.08	
			<i>For Polished Finish, Add</i>	28.15	
10 14 19 00-0153	EA		6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	185.09	10.40
			<i>For Installation With Adhesive, Deduct</i>	-13.42	
			<i>For Oxidized Finish, Add</i>	21.52	
			<i>For Polished Finish, Add</i>	43.04	
10 14 19 00-0154	EA		8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	253.21	11.89
			<i>For Installation With Adhesive, Deduct</i>	-17.42	
			<i>For Oxidized Finish, Add</i>	30.85	
			<i>For Polished Finish, Add</i>	61.69	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0155	EA		10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	351.52	13.38
			<i>For Installation With Adhesive, Deduct</i>	-22.93	
			<i>For Oxidized Finish, Add</i>	44.70	
			<i>For Polished Finish, Add</i>	89.40	
10 14 19 00-0156	EA		12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	468.58	15.46
			<i>For Installation With Adhesive, Deduct</i>	-29.61	
			<i>For Oxidized Finish, Add</i>	61.01	
			<i>For Polished Finish, Add</i>	122.02	
10 14 19 00-0157	EA		14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	580.80	17.84
			<i>For Installation With Adhesive, Deduct</i>	-36.18	
			<i>For Oxidized Finish, Add</i>	76.42	
			<i>For Polished Finish, Add</i>	152.84	
10 14 19 00-0158	EA		16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	692.43	21.41
			<i>For Installation With Adhesive, Deduct</i>	-43.18	
			<i>For Oxidized Finish, Add</i>	91.02	
			<i>For Polished Finish, Add</i>	182.04	
10 14 19 00-0159	EA		18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	943.09	23.78
			<i>For Installation With Adhesive, Deduct</i>	-56.67	
			<i>For Oxidized Finish, Add</i>	127.19	
			<i>For Polished Finish, Add</i>	254.38	
10 14 19 00-0160	EA		20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,063.71	26.76
			<i>For Installation With Adhesive, Deduct</i>	-63.89	
			<i>For Oxidized Finish, Add</i>	143.50	
			<i>For Polished Finish, Add</i>	287.00	
10 14 19 00-0161	EA		22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,327.44	28.24
			<i>For Installation With Adhesive, Deduct</i>	-77.67	
			<i>For Oxidized Finish, Add</i>	182.17	
			<i>For Polished Finish, Add</i>	364.34	
10 14 19 00-0162	EA		24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,552.55	29.73
			<i>For Installation With Adhesive, Deduct</i>	-89.52	
			<i>For Oxidized Finish, Add</i>	215.04	
			<i>For Polished Finish, Add</i>	430.09	
10 14 19 00-0163	EA		30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	2,340.05	35.68
			<i>For Installation With Adhesive, Deduct</i>	-131.27	
			<i>For Oxidized Finish, Add</i>	329.60	
			<i>For Polished Finish, Add</i>	659.20	
<b>10 14 19 00-0164</b>			<b>3/4" Deep, Satin Finish, Brass Characters</b> <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA		2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	120.87	7.44
			<i>For Installation With Adhesive, Deduct</i>	-9.02	
			<i>For Oxidized Finish, Add</i>	13.67	
			<i>For Polished Finish, Add</i>	27.34	
10 14 19 00-0166	EA		4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	168.91	8.62
			<i>For Installation With Adhesive, Deduct</i>	-11.89	
			<i>For Oxidized Finish, Add</i>	20.16	
			<i>For Polished Finish, Add</i>	40.33	
10 14 19 00-0167	EA		6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	230.40	10.40
			<i>For Installation With Adhesive, Deduct</i>	-15.68	
			<i>For Oxidized Finish, Add</i>	28.32	
			<i>For Polished Finish, Add</i>	56.63	
10 14 19 00-0168	EA		8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	311.21	11.89
			<i>For Installation With Adhesive, Deduct</i>	-20.32	
			<i>For Oxidized Finish, Add</i>	39.55	
			<i>For Polished Finish, Add</i>	79.09	
10 14 19 00-0169	EA		10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	422.48	13.38
			<i>For Installation With Adhesive, Deduct</i>	-26.48	
			<i>For Oxidized Finish, Add</i>	55.35	
			<i>For Polished Finish, Add</i>	110.69	
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	579.50	15.46
			<i>For Installation With Adhesive, Deduct</i>	-35.16	
			<i>For Oxidized Finish, Add</i>	77.65	
			<i>For Polished Finish, Add</i>	155.30	
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	722.97	17.84
			<i>For Installation With Adhesive, Deduct</i>	-43.28	
			<i>For Oxidized Finish, Add</i>	97.74	
			<i>For Polished Finish, Add</i>	195.49	
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	843.40	21.41
			<i>For Installation With Adhesive, Deduct</i>	-50.73	
			<i>For Oxidized Finish, Add</i>	113.67	
			<i>For Polished Finish, Add</i>	227.33	
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,123.50	23.78
			<i>For Installation With Adhesive, Deduct</i>	-65.69	
			<i>For Oxidized Finish, Add</i>	154.25	
			<i>For Polished Finish, Add</i>	308.51	
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,228.95	26.76
			<i>For Installation With Adhesive, Deduct</i>	-72.15	
			<i>For Oxidized Finish, Add</i>	168.29	
			<i>For Polished Finish, Add</i>	336.57	
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,559.29	28.24
			<i>For Installation With Adhesive, Deduct</i>	-89.26	
			<i>For Oxidized Finish, Add</i>	216.95	
			<i>For Polished Finish, Add</i>	433.89	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	1,979.59	29.73
			<i>For Installation With Adhesive, Deduct</i>	-110.87	
			<i>For Oxidized Finish, Add</i>	279.10	
			<i>For Polished Finish, Add</i>	558.20	
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs .....	2,986.88	35.68
			<i>For Installation With Adhesive, Deduct</i>	-163.62	
			<i>For Oxidized Finish, Add</i>	426.62	
			<i>For Polished Finish, Add</i>	853.25	
<b>10 14 19 00-0178</b>			<b>Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0049)</small>		
<b>10 14 19 00-0179</b>			<b>1/4" Deep, Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	70.23	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.48	
			<i>For Oxidized Finish, Add</i>	6.08	
			<i>For Polished Or Patina Finish, Add</i>	12.15	
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	90.90	8.62
			<i>For Installation With Adhesive, Deduct</i>	-7.99	
			<i>For Oxidized Finish, Add</i>	8.46	
			<i>For Polished Or Patina Finish, Add</i>	16.92	
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	125.51	10.40
			<i>For Installation With Adhesive, Deduct</i>	-10.44	
			<i>For Oxidized Finish, Add</i>	12.58	
			<i>For Polished Or Patina Finish, Add</i>	25.17	
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	164.73	11.89
			<i>For Installation With Adhesive, Deduct</i>	-12.99	
			<i>For Oxidized Finish, Add</i>	17.57	
			<i>For Polished Or Patina Finish, Add</i>	35.15	
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	211.16	13.38
			<i>For Installation With Adhesive, Deduct</i>	-15.91	
			<i>For Oxidized Finish, Add</i>	23.65	
			<i>For Polished Or Patina Finish, Add</i>	47.30	
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	267.23	15.46
			<i>For Installation With Adhesive, Deduct</i>	-19.55	
			<i>For Oxidized Finish, Add</i>	30.81	
			<i>For Polished Or Patina Finish, Add</i>	61.61	
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	334.59	17.84
			<i>For Installation With Adhesive, Deduct</i>	-23.86	
			<i>For Oxidized Finish, Add</i>	39.49	
			<i>For Polished Or Patina Finish, Add</i>	78.97	
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	415.40	21.41
			<i>For Installation With Adhesive, Deduct</i>	-29.33	
			<i>For Oxidized Finish, Add</i>	49.47	
			<i>For Polished Or Patina Finish, Add</i>	98.93	
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	497.24	23.78
			<i>For Installation With Adhesive, Deduct</i>	-34.38	
			<i>For Oxidized Finish, Add</i>	60.31	
			<i>For Polished Or Patina Finish, Add</i>	120.63	
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	590.13	26.76
			<i>For Installation With Adhesive, Deduct</i>	-40.21	
			<i>For Oxidized Finish, Add</i>	72.46	
			<i>For Polished Or Patina Finish, Add</i>	144.93	
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	688.65	28.24
			<i>For Installation With Adhesive, Deduct</i>	-45.73	
			<i>For Oxidized Finish, Add</i>	86.35	
			<i>For Polished Or Patina Finish, Add</i>	172.70	
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	797.28	29.73
			<i>For Installation With Adhesive, Deduct</i>	-51.76	
			<i>For Oxidized Finish, Add</i>	101.75	
			<i>For Polished Or Patina Finish, Add</i>	203.51	
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	1,210.14	35.68
			<i>For Installation With Adhesive, Deduct</i>	-74.78	
			<i>For Oxidized Finish, Add</i>	160.11	
			<i>For Polished Or Patina Finish, Add</i>	320.23	
<b>10 14 19 00-0193</b>			<b>3/8" Deep, Satin Finish, Bronze Characters</b> <small>(10 14 19 00-0178)</small>		
10 14 19 00-0194	EA		2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	83.19	7.44
			<i>For Installation With Adhesive, Deduct</i>	-7.13	
			<i>For Oxidized Finish, Add</i>	8.02	
			<i>For Polished Or Patina Finish, Add</i>	16.04	
10 14 19 00-0195	EA		4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	108.39	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.87	
			<i>For Oxidized Finish, Add</i>	11.09	
			<i>For Polished Or Patina Finish, Add</i>	22.17	
10 14 19 00-0196	EA		6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	157.39	10.40
			<i>For Installation With Adhesive, Deduct</i>	-12.03	
			<i>For Oxidized Finish, Add</i>	17.37	
			<i>For Polished Or Patina Finish, Add</i>	34.73	
10 14 19 00-0197	EA		8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	208.07	11.89
			<i>For Installation With Adhesive, Deduct</i>	-15.16	
			<i>For Oxidized Finish, Add</i>	24.08	
			<i>For Polished Or Patina Finish, Add</i>	48.15	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 19 00-0198	EA	10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	282.11	13.38
		<i>For Installation With Adhesive, Deduct</i>	-19.46	
		<i>For Oxidized Finish, Add</i>	34.29	
		<i>For Polished Or Patina Finish, Add</i>	68.58	
10 14 19 00-0199	EA	12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	357.60	15.46
		<i>For Installation With Adhesive, Deduct</i>	-24.07	
		<i>For Oxidized Finish, Add</i>	44.36	
		<i>For Polished Or Patina Finish, Add</i>	88.73	
10 14 19 00-0200	EA	14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	447.78	17.84
		<i>For Installation With Adhesive, Deduct</i>	-29.52	
		<i>For Oxidized Finish, Add</i>	56.46	
		<i>For Polished Or Patina Finish, Add</i>	112.93	
10 14 19 00-0201	EA	16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	553.91	21.41
		<i>For Installation With Adhesive, Deduct</i>	-36.26	
		<i>For Oxidized Finish, Add</i>	70.24	
		<i>For Polished Or Patina Finish, Add</i>	140.48	
10 14 19 00-0202	EA	18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	670.14	23.78
		<i>For Installation With Adhesive, Deduct</i>	-43.02	
		<i>For Oxidized Finish, Add</i>	86.25	
		<i>For Polished Or Patina Finish, Add</i>	172.50	
10 14 19 00-0203	EA	20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	797.86	26.76
		<i>For Installation With Adhesive, Deduct</i>	-50.60	
		<i>For Oxidized Finish, Add</i>	103.62	
		<i>For Polished Or Patina Finish, Add</i>	207.25	
10 14 19 00-0204	EA	22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	936.18	28.24
		<i>For Installation With Adhesive, Deduct</i>	-58.11	
		<i>For Oxidized Finish, Add</i>	123.48	
		<i>For Polished Or Patina Finish, Add</i>	246.96	
10 14 19 00-0205	EA	24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	1,061.83	29.73
		<i>For Installation With Adhesive, Deduct</i>	-64.98	
		<i>For Oxidized Finish, Add</i>	141.44	
		<i>For Polished Or Patina Finish, Add</i>	282.87	
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	1,455.65	35.68
		<i>For Installation With Adhesive, Deduct</i>	-87.05	
		<i>For Oxidized Finish, Add</i>	196.94	
		<i>For Polished Or Patina Finish, Add</i>	393.88	
<b>10 14 19 00-0207</b>		<b>1/2" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small></b>		
10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	86.02	7.44
		<i>For Installation With Adhesive, Deduct</i>	-7.27	
		<i>For Oxidized Finish, Add</i>	8.44	
		<i>For Polished Or Patina Finish, Add</i>	16.89	
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	128.69	8.62
		<i>For Installation With Adhesive, Deduct</i>	-9.88	
		<i>For Oxidized Finish, Add</i>	14.13	
		<i>For Polished Or Patina Finish, Add</i>	28.26	
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	183.39	10.40
		<i>For Installation With Adhesive, Deduct</i>	-13.33	
		<i>For Oxidized Finish, Add</i>	21.27	
		<i>For Polished Or Patina Finish, Add</i>	42.53	
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	252.59	11.89
		<i>For Installation With Adhesive, Deduct</i>	-17.39	
		<i>For Oxidized Finish, Add</i>	30.75	
		<i>For Polished Or Patina Finish, Add</i>	61.51	
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	345.17	13.38
		<i>For Installation With Adhesive, Deduct</i>	-22.61	
		<i>For Oxidized Finish, Add</i>	43.75	
		<i>For Polished Or Patina Finish, Add</i>	87.50	
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	470.57	15.46
		<i>For Installation With Adhesive, Deduct</i>	-29.71	
		<i>For Oxidized Finish, Add</i>	61.31	
		<i>For Polished Or Patina Finish, Add</i>	122.62	
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	610.99	17.84
		<i>For Installation With Adhesive, Deduct</i>	-37.68	
		<i>For Oxidized Finish, Add</i>	80.95	
		<i>For Polished Or Patina Finish, Add</i>	161.89	
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	764.96	21.41
		<i>For Installation With Adhesive, Deduct</i>	-46.81	
		<i>For Oxidized Finish, Add</i>	101.90	
		<i>For Polished Or Patina Finish, Add</i>	203.80	
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	939.54	23.78
		<i>For Installation With Adhesive, Deduct</i>	-56.49	
		<i>For Oxidized Finish, Add</i>	126.66	
		<i>For Polished Or Patina Finish, Add</i>	253.32	
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	1,126.35	26.76
		<i>For Installation With Adhesive, Deduct</i>	-67.02	
		<i>For Oxidized Finish, Add</i>	152.90	
		<i>For Polished Or Patina Finish, Add</i>	305.79	
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs .....	1,333.38	28.24
		<i>For Installation With Adhesive, Deduct</i>	-77.97	
		<i>For Oxidized Finish, Add</i>	183.06	
		<i>For Polished Or Patina Finish, Add</i>	366.12	





	<b>Specialties</b>	<b>10</b>
	<b>Information Specialties</b>	<b>10 10</b>
	<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0219	EA		24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,550.24	29.73
			<i>For Installation With Adhesive, Deduct</i>	-89.41	
			<i>For Oxidized Finish, Add</i>	214.70	
			<i>For Polished Or Patina Finish, Add</i>	429.39	
10 14 19 00-0220	EA		30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	2,170.82	35.68
			<i>For Installation With Adhesive, Deduct</i>	-122.81	
			<i>For Oxidized Finish, Add</i>	304.22	
			<i>For Polished Or Patina Finish, Add</i>	608.43	
<b>10 14 19 00-0221</b>			<b>Satin Finish, Copper Characters</b> (10 14 19 00-0049)		
<b>10 14 19 00-0222</b>			<b>1/4" Deep, Satin Finish, Copper Characters</b> (10 14 19 00-0221)		
10 14 19 00-0223	EA		2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	66.18	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.28	
			<i>For Polished Finish, Add</i>	10.94	
10 14 19 00-0224	EA		4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	86.57	8.62
			<i>For Installation With Adhesive, Deduct</i>	-7.78	
			<i>For Polished Finish, Add</i>	15.62	
10 14 19 00-0225	EA		6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	122.34	10.40
			<i>For Installation With Adhesive, Deduct</i>	-10.28	
			<i>For Polished Finish, Add</i>	24.22	
10 14 19 00-0226	EA		8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	162.14	11.89
			<i>For Installation With Adhesive, Deduct</i>	-12.86	
			<i>For Polished Finish, Add</i>	34.37	
10 14 19 00-0227	EA		10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	205.84	13.38
			<i>For Installation With Adhesive, Deduct</i>	-15.64	
			<i>For Polished Finish, Add</i>	45.70	
10 14 19 00-0228	EA		12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	262.35	15.46
			<i>For Installation With Adhesive, Deduct</i>	-19.30	
			<i>For Polished Finish, Add</i>	60.15	
10 14 19 00-0229	EA		14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	329.14	17.84
			<i>For Installation With Adhesive, Deduct</i>	-23.59	
			<i>For Polished Finish, Add</i>	77.33	
10 14 19 00-0230	EA		16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	405.91	21.41
			<i>For Installation With Adhesive, Deduct</i>	-28.86	
			<i>For Polished Finish, Add</i>	96.08	
10 14 19 00-0231	EA		18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	487.03	23.78
			<i>For Installation With Adhesive, Deduct</i>	-33.87	
			<i>For Polished Finish, Add</i>	117.56	
10 14 19 00-0232	EA		20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	577.04	26.76
			<i>For Installation With Adhesive, Deduct</i>	-39.56	
			<i>For Polished Finish, Add</i>	141.00	
10 14 19 00-0233	EA		22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	674.14	28.24
			<i>For Installation With Adhesive, Deduct</i>	-45.01	
			<i>For Polished Finish, Add</i>	168.35	
10 14 19 00-0234	EA		24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	779.01	29.73
			<i>For Installation With Adhesive, Deduct</i>	-50.84	
			<i>For Polished Finish, Add</i>	198.02	
10 14 19 00-0235	EA		30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,119.80	35.68
			<i>For Installation With Adhesive, Deduct</i>	-70.26	
			<i>For Polished Finish, Add</i>	293.12	
<b>10 14 19 00-0236</b>			<b>3/8" Deep, Satin Finish, Copper Characters</b> (10 14 19 00-0221)		
10 14 19 00-0237	EA		2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	75.30	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.74	
			<i>For Polished Finish, Add</i>	13.67	
10 14 19 00-0238	EA		4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	102.19	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.56	
			<i>For Polished Finish, Add</i>	20.31	
10 14 19 00-0239	EA		6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	150.59	10.40
			<i>For Installation With Adhesive, Deduct</i>	-11.69	
			<i>For Polished Finish, Add</i>	32.69	
10 14 19 00-0240	EA		8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	207.97	11.89
			<i>For Installation With Adhesive, Deduct</i>	-15.16	
			<i>For Polished Finish, Add</i>	48.12	
10 14 19 00-0241	EA		10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	282.00	13.38
			<i>For Installation With Adhesive, Deduct</i>	-19.45	
			<i>For Polished Finish, Add</i>	68.55	
10 14 19 00-0242	EA		12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	352.57	15.46
			<i>For Installation With Adhesive, Deduct</i>	-23.81	
			<i>For Polished Finish, Add</i>	87.22	
10 14 19 00-0243	EA		14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	445.14	17.84
			<i>For Installation With Adhesive, Deduct</i>	-29.39	
			<i>For Polished Finish, Add</i>	112.14	
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	550.03	21.41
			<i>For Installation With Adhesive, Deduct</i>	-36.06	
			<i>For Polished Finish, Add</i>	139.32	
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	663.38	23.78
			<i>For Installation With Adhesive, Deduct</i>	-42.68	
			<i>For Polished Finish, Add</i>	170.47	
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	788.54	26.76
			<i>For Installation With Adhesive, Deduct</i>	-50.13	
			<i>For Polished Finish, Add</i>	204.45	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	926.66	28.24
			<i>For Installation With Adhesive, Deduct</i>	-57.63	
			<i>For Polished Finish, Add</i>	244.10	
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,043.05	29.73
			<i>For Installation With Adhesive, Deduct</i>	-64.05	
			<i>For Polished Finish, Add</i>	277.24	
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,461.77	35.68
			<i>For Installation With Adhesive, Deduct</i>	-87.36	
			<i>For Polished Finish, Add</i>	395.72	
<b>10 14 19 00-0250</b>			<b>Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0049)</small>		
<b>10 14 19 00-0251</b>			<b>1/4" Deep, Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0250)</small>		
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	63.29	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.14	
			<i>For Polished Finish, Add</i>	10.07	
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	83.15	8.62
			<i>For Installation With Adhesive, Deduct</i>	-7.61	
			<i>For Polished Finish, Add</i>	14.60	
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	107.05	10.40
			<i>For Installation With Adhesive, Deduct</i>	-9.51	
			<i>For Polished Finish, Add</i>	19.63	
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	138.17	11.89
			<i>For Installation With Adhesive, Deduct</i>	-11.67	
			<i>For Polished Finish, Add</i>	27.18	
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	169.28	13.38
			<i>For Installation With Adhesive, Deduct</i>	-13.82	
			<i>For Polished Finish, Add</i>	34.73	
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	207.82	15.46
			<i>For Installation With Adhesive, Deduct</i>	-16.58	
			<i>For Polished Finish, Add</i>	43.79	
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	249.21	17.84
			<i>For Installation With Adhesive, Deduct</i>	-19.60	
			<i>For Polished Finish, Add</i>	53.36	
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	298.71	21.41
			<i>For Installation With Adhesive, Deduct</i>	-23.50	
			<i>For Polished Finish, Add</i>	63.92	
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	348.50	23.78
			<i>For Installation With Adhesive, Deduct</i>	-26.94	
			<i>For Polished Finish, Add</i>	76.01	
10 14 19 00-0261	EA		20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	407.37	26.76
			<i>For Installation With Adhesive, Deduct</i>	-31.07	
			<i>For Polished Finish, Add</i>	90.10	
10 14 19 00-0262	EA		22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	473.72	28.24
			<i>For Installation With Adhesive, Deduct</i>	-34.99	
			<i>For Polished Finish, Add</i>	108.22	
10 14 19 00-0263	EA		24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	541.74	29.73
			<i>For Installation With Adhesive, Deduct</i>	-38.98	
			<i>For Polished Finish, Add</i>	126.84	
10 14 19 00-0264	EA		30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	743.37	35.68
			<i>For Installation With Adhesive, Deduct</i>	-51.44	
			<i>For Polished Finish, Add</i>	180.20	
<b>10 14 19 00-0265</b>			<b>3/8" Deep, Satin Finish, Stainless Steel Characters</b> <small>(10 14 19 00-0250)</small>		
10 14 19 00-0266	EA		2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	75.03	7.44
			<i>For Installation With Adhesive, Deduct</i>	-6.72	
			<i>For Polished Finish, Add</i>	13.59	
10 14 19 00-0267	EA		4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	100.18	8.62
			<i>For Installation With Adhesive, Deduct</i>	-8.46	
			<i>For Polished Finish, Add</i>	19.71	
10 14 19 00-0268	EA		6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	128.65	10.40
			<i>For Installation With Adhesive, Deduct</i>	-10.59	
			<i>For Polished Finish, Add</i>	26.11	
10 14 19 00-0269	EA		8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	164.45	11.89
			<i>For Installation With Adhesive, Deduct</i>	-12.98	
			<i>For Polished Finish, Add</i>	35.06	
10 14 19 00-0270	EA		10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	202.85	13.38
			<i>For Installation With Adhesive, Deduct</i>	-15.49	
			<i>For Polished Finish, Add</i>	44.80	
10 14 19 00-0271	EA		12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	250.15	15.46
			<i>For Installation With Adhesive, Deduct</i>	-18.69	
			<i>For Polished Finish, Add</i>	56.49	
10 14 19 00-0272	EA		14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	300.77	17.84
			<i>For Installation With Adhesive, Deduct</i>	-22.17	
			<i>For Polished Finish, Add</i>	68.83	
10 14 19 00-0273	EA		16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	360.50	21.41
			<i>For Installation With Adhesive, Deduct</i>	-26.59	
			<i>For Polished Finish, Add</i>	82.46	
10 14 19 00-0274	EA		18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	419.44	23.78
			<i>For Installation With Adhesive, Deduct</i>	-30.49	
			<i>For Polished Finish, Add</i>	97.29	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0275	EA		20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	491.46	26.76
			<i>For Installation With Adhesive, Deduct</i>	-35.28	
			<i>For Polished Finish, Add</i>	115.33	
10 14 19 00-0276	EA		22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	553.08	28.24
			<i>For Installation With Adhesive, Deduct</i>	-38.95	
			<i>For Polished Finish, Add</i>	132.03	
10 14 19 00-0277	EA		24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	634.75	29.73
			<i>For Installation With Adhesive, Deduct</i>	-43.63	
			<i>For Polished Finish, Add</i>	154.75	
10 14 19 00-0278	EA		30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	875.52	35.68
			<i>For Installation With Adhesive, Deduct</i>	-58.05	
			<i>For Polished Finish, Add</i>	219.84	
<b>10 14 19 00-0279</b>			<b>1/2" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)</b>		
10 14 19 00-0280	EA		2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	90.13	7.44
			<i>For Installation With Adhesive, Deduct</i>	-7.48	
			<i>For Polished Finish, Add</i>	18.12	
10 14 19 00-0281	EA		4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	122.07	8.62
			<i>For Installation With Adhesive, Deduct</i>	-9.55	
			<i>For Polished Finish, Add</i>	26.27	
10 14 19 00-0282	EA		6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	157.44	10.40
			<i>For Installation With Adhesive, Deduct</i>	-12.03	
			<i>For Polished Finish, Add</i>	34.75	
10 14 19 00-0283	EA		8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	207.03	11.89
			<i>For Installation With Adhesive, Deduct</i>	-15.11	
			<i>For Polished Finish, Add</i>	47.84	
10 14 19 00-0284	EA		10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	257.26	13.38
			<i>For Installation With Adhesive, Deduct</i>	-18.21	
			<i>For Polished Finish, Add</i>	61.13	
10 14 19 00-0285	EA		12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	318.75	15.46
			<i>For Installation With Adhesive, Deduct</i>	-22.12	
			<i>For Polished Finish, Add</i>	77.07	
10 14 19 00-0286	EA		14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	384.36	17.84
			<i>For Installation With Adhesive, Deduct</i>	-26.35	
			<i>For Polished Finish, Add</i>	93.90	
10 14 19 00-0287	EA		16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	460.65	21.41
			<i>For Installation With Adhesive, Deduct</i>	-31.60	
			<i>For Polished Finish, Add</i>	112.51	
10 14 19 00-0288	EA		18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	548.64	23.78
			<i>For Installation With Adhesive, Deduct</i>	-36.95	
			<i>For Polished Finish, Add</i>	136.05	
10 14 19 00-0289	EA		20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	644.62	26.76
			<i>For Installation With Adhesive, Deduct</i>	-42.94	
			<i>For Polished Finish, Add</i>	161.27	
10 14 19 00-0290	EA		22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	722.62	28.24
			<i>For Installation With Adhesive, Deduct</i>	-47.43	
			<i>For Polished Finish, Add</i>	182.89	
10 14 19 00-0291	EA		24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	833.47	29.73
			<i>For Installation With Adhesive, Deduct</i>	-53.57	
			<i>For Polished Finish, Add</i>	214.36	
10 14 19 00-0292	EA		30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	1,157.82	35.68
			<i>For Installation With Adhesive, Deduct</i>	-72.16	
			<i>For Polished Finish, Add</i>	304.53	
<b>10 14 23</b>			<b>Panel Signage (10 14)</b>		
<b>10 14 23 11</b>			<b>Panel Signage (10 14 23)</b>		
10 14 23 11-0001			<b>Indoor/Outdoor Signs (10 14 23 11)</b> Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.		
10 14 23 11-0002			<b>Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0001)</b>		
10 14 23 11-0003			<b>Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0002)</b> Note: Multi-color with words, symbols and graphics.		
10 14 23 11-0004	EA		Up To 25 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	31.45	13.22
			<i>For &gt;25 To 50, Deduct</i>	-0.50	
			<i>For &gt;50 To 100, Deduct</i>	-1.25	
			<i>For &gt;100, Deduct</i>	-1.50	
			<i>For Clear Glass Mount, Add</i>	4.01	
			<i>For Glow-In-Dark, Add</i>	10.02	
			<i>For Reflective Finish, Add</i>	11.27	
10 14 23 11-0005	EA		>25 To 50 Sl, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	35.03	13.22
			<i>For &gt;25 To 50, Deduct</i>	-0.86	
			<i>For &gt;50 To 100, Deduct</i>	-2.15	
			<i>For &gt;100, Deduct</i>	-2.58	
			<i>For Clear Glass Mount, Add</i>	6.87	
			<i>For Glow-In-Dark, Add</i>	17.18	
			<i>For Reflective Finish, Add</i>	19.33	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0006 EA >50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	40.75	13.22
For >25 To 50, Deduct	-1.43	
For >50 To 100, Deduct	-3.58	
For >100, Deduct	-4.29	
For Clear Glass Mount, Add	11.45	
For Glow-In-Dark, Add	28.62	
For Reflective Finish, Add	32.20	
10 14 23 11-0007 EA >100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	47.90	13.22
For >25 To 50, Deduct	-2.15	
For >50 To 100, Deduct	-5.37	
For >100, Deduct	-6.44	
For Clear Glass Mount, Add	17.17	
For Glow-In-Dark, Add	42.92	
For Reflective Finish, Add	48.29	
10 14 23 11-0008 EA >250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	60.78	13.22
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-8.59	
For >100, Deduct	-10.30	
For Clear Glass Mount, Add	27.47	
For Glow-In-Dark, Add	68.68	
For Reflective Finish, Add	77.27	
10 14 23 11-0009 EA >500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	83.68	13.22
For >25 To 50, Deduct	-5.72	
For >50 To 100, Deduct	-14.31	
For >100, Deduct	-17.17	
For Clear Glass Mount, Add	45.79	
For Glow-In-Dark, Add	114.48	
For Reflective Finish, Add	128.79	
10 14 23 11-0010 EA >750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	112.30	13.22
For >25 To 50, Deduct	-8.59	
For >50 To 100, Deduct	-21.47	
For >100, Deduct	-25.76	
For Clear Glass Mount, Add	68.69	
For Glow-In-Dark, Add	171.72	
For Reflective Finish, Add	193.19	
10 14 23 11-0011 SI >1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign .....	0.13	0.01
For Clear Glass Mount, Add	0.08	
For Glow-In-Dark, Add	0.20	
For Reflective Finish, Add	0.23	
<b>10 14 23 11-0012 Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs</b>		
<small>(10 14 23 11-0002)</small>		
<small>Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.</small>		
10 14 23 11-0013 EA Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	32.88	13.22
For >25 To 50, Deduct	-0.64	
For >50 To 100, Deduct	-1.61	
For >100, Deduct	-1.93	
For Glow-In-Dark, Add	12.88	
For Reflective Finish, Add	13.85	
10 14 23 11-0014 EA >25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	36.46	13.22
For >25 To 50, Deduct	-1.00	
For >50 To 100, Deduct	-2.51	
For >100, Deduct	-3.01	
For Glow-In-Dark, Add	20.04	
For Reflective Finish, Add	21.54	
10 14 23 11-0015 EA >50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	43.61	13.22
For >25 To 50, Deduct	-1.72	
For >50 To 100, Deduct	-4.29	
For >100, Deduct	-5.15	
For Glow-In-Dark, Add	34.34	
For Reflective Finish, Add	36.92	
10 14 23 11-0016 EA >100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	50.77	13.22
For >25 To 50, Deduct	-2.43	
For >50 To 100, Deduct	-6.08	
For >100, Deduct	-7.30	
For Glow-In-Dark, Add	48.66	
For Reflective Finish, Add	52.31	
10 14 23 11-0017 EA >250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	61.50	13.22
For >25 To 50, Deduct	-3.51	
For >50 To 100, Deduct	-8.77	
For >100, Deduct	-10.52	
For Glow-In-Dark, Add	70.12	
For Reflective Finish, Add	75.38	
10 14 23 11-0018 EA >500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	72.23	13.22
For >25 To 50, Deduct	-4.58	
For >50 To 100, Deduct	-11.45	
For >100, Deduct	-13.74	
For Glow-In-Dark, Add	91.58	
For Reflective Finish, Add	98.45	
10 14 23 11-0019 EA >750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign .....	83.68	13.22
For >25 To 50, Deduct	-5.72	
For >50 To 100, Deduct	-14.31	
For >100, Deduct	-17.17	
For Glow-In-Dark, Add	114.48	
For Reflective Finish, Add	123.07	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0020	SI		>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign ..... <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	0.09 0.12 0.13	0.01
<b>10 14 23 11-0021</b>			<b>Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille</b> (10 14 23 11-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0022	EA		Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i> <i>For 2" Height Slider Channel For Custom Inserts, Add</i>	43.61 -1.72 -4.29 -5.15 15.00 23.00 35.00	13.22
10 14 23 11-0023	EA		>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i> <i>For 2" Height Slider Channel For Custom Inserts, Add</i>	47.90 -2.15 -5.37 -6.44 17.00 28.00 35.00	13.22
10 14 23 11-0024	EA		>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	55.06 -2.86 -7.16 -8.59 19.00 31.00	13.22
10 14 23 11-0025	EA		>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	61.79 -3.54 -8.84 -10.61 21.00 35.00	13.22
10 14 23 11-0026	SI		>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille ..... <i>For Molded Plastic Frame, Add</i> <i>For Brushed Metal Finish/Faux Metal Finish, Add</i>	0.66 0.20 0.31	0.13
<b>10 14 23 11-0027</b>			<b>Engraved Steel, Surface Mount, Indoor/Outdoor Signs</b> (10 14 23 11-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0028	EA		Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	53.63 -2.72 -6.80 -8.16 15.00	13.22
10 14 23 11-0029	EA		>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	62.22 -3.58 -8.95 -10.73 17.00	13.22
10 14 23 11-0030	EA		>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	73.66 -4.72 -11.81 -14.17 19.00	13.22
10 14 23 11-0031	EA		>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Molded Plastic Frame, Add</i>	96.56 -7.01 -17.53 -21.04 21.00	13.22
10 14 23 11-0032	SI		>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign ..... <i>For Molded Plastic Frame, Add</i>	0.96 0.20	0.13
<b>10 14 23 11-0033</b>			<b>Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs</b> (10 14 23 11-0002) Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0034	EA		Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	32.16 -0.57 -1.43 -1.72 3.43 4.29	13.22
10 14 23 11-0035	EA		>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	36.46 -1.00 -2.51 -3.01 6.01 7.52	13.22
10 14 23 11-0036	EA		>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i> <i>For Glow-In-Dark, Add</i> <i>For Reflective Finish, Add</i>	45.04 -1.86 -4.65 -5.58 11.16 13.95	13.22

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 23 11-0037	EA	>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	55.06	13.22
		<i>For &gt;25 To 50, Deduct</i>	-2.86	
		<i>For &gt;50 To 100, Deduct</i>	-7.16	
		<i>For &gt;100, Deduct</i>	-8.59	
		<i>For Glow-In-Dark, Add</i>	17.17	
		<i>For Reflective Finish, Add</i>	21.47	
10 14 23 11-0038	EA	>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	85.11	13.22
		<i>For &gt;25 To 50, Deduct</i>	-5.87	
		<i>For &gt;50 To 100, Deduct</i>	-14.67	
		<i>For &gt;100, Deduct</i>	-17.60	
		<i>For Glow-In-Dark, Add</i>	35.20	
		<i>For Reflective Finish, Add</i>	44.00	
10 14 23 11-0039	EA	>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	97.99	13.22
		<i>For &gt;25 To 50, Deduct</i>	-7.16	
		<i>For &gt;50 To 100, Deduct</i>	-17.89	
		<i>For &gt;100, Deduct</i>	-21.47	
		<i>For Glow-In-Dark, Add</i>	42.93	
		<i>For Reflective Finish, Add</i>	53.66	
10 14 23 11-0040	EA	>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	115.16	13.22
		<i>For &gt;25 To 50, Deduct</i>	-8.87	
		<i>For &gt;50 To 100, Deduct</i>	-22.18	
		<i>For &gt;100, Deduct</i>	-26.62	
		<i>For Glow-In-Dark, Add</i>	53.23	
		<i>For Reflective Finish, Add</i>	66.54	
10 14 23 11-0041	SI	>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign .....	0.13	0.01
		<i>For Glow-In-Dark, Add</i>	0.06	
		<i>For Reflective Finish, Add</i>	0.08	
10 14 23 11-0042		<b>Ceiling Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 11-0001)</small>		
10 14 23 11-0043		<b>Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 11-0042)</small>		
10 14 23 11-0044	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign .....	44.89	18.50
		<i>For &gt;25 To 50, Deduct</i>	-0.79	
		<i>For &gt;50 To 100, Deduct</i>	-1.97	
		<i>For &gt;100, Deduct</i>	-2.36	
		<i>For Glow-In-Dark, Add</i>	4.72	
		<i>For Reflective Finish, Add</i>	5.90	
10 14 23 11-0045	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign .....	51.33	18.50
		<i>For &gt;25 To 50, Deduct</i>	-1.43	
		<i>For &gt;50 To 100, Deduct</i>	-3.58	
		<i>For &gt;100, Deduct</i>	-4.29	
		<i>For Glow-In-Dark, Add</i>	8.59	
		<i>For Reflective Finish, Add</i>	10.73	
10 14 23 11-0046	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign .....	59.92	18.50
		<i>For &gt;25 To 50, Deduct</i>	-2.29	
		<i>For &gt;50 To 100, Deduct</i>	-5.73	
		<i>For &gt;100, Deduct</i>	-6.87	
		<i>For Glow-In-Dark, Add</i>	13.74	
		<i>For Reflective Finish, Add</i>	17.18	
10 14 23 11-0047	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign .....	72.80	18.50
		<i>For &gt;25 To 50, Deduct</i>	-3.58	
		<i>For &gt;50 To 100, Deduct</i>	-8.95	
		<i>For &gt;100, Deduct</i>	-10.73	
		<i>For Glow-In-Dark, Add</i>	21.47	
		<i>For Reflective Finish, Add</i>	26.84	
10 14 23 11-0048		<b>90 Degree, Projection Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 11-0001)</small>		
10 14 23 11-0049		<b>Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs</b> <small>(10 14 23 11-0048)</small>		
10 14 23 11-0050	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	45.61	18.50
		<i>For &gt;25 To 50, Deduct</i>	-0.86	
		<i>For &gt;50 To 100, Deduct</i>	-2.15	
		<i>For &gt;100, Deduct</i>	-2.58	
		<i>For Glow-In-Dark, Add</i>	5.15	
		<i>For Reflective Finish, Add</i>	6.44	
10 14 23 11-0051	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	52.76	18.50
		<i>For &gt;25 To 50, Deduct</i>	-1.57	
		<i>For &gt;50 To 100, Deduct</i>	-3.94	
		<i>For &gt;100, Deduct</i>	-4.72	
		<i>For Glow-In-Dark, Add</i>	9.44	
		<i>For Reflective Finish, Add</i>	11.81	
10 14 23 11-0052	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	68.50	18.50
		<i>For &gt;25 To 50, Deduct</i>	-3.15	
		<i>For &gt;50 To 100, Deduct</i>	-7.87	
		<i>For &gt;100, Deduct</i>	-9.44	
		<i>For Glow-In-Dark, Add</i>	18.89	
		<i>For Reflective Finish, Add</i>	23.61	
10 14 23 11-0053	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign .....	74.23	18.50
		<i>For &gt;25 To 50, Deduct</i>	-3.72	
		<i>For &gt;50 To 100, Deduct</i>	-9.30	
		<i>For &gt;100, Deduct</i>	-11.16	
		<i>For Glow-In-Dark, Add</i>	22.33	
		<i>For Reflective Finish, Add</i>	27.91	



<b>Specialties</b>	<b>10</b>
Information Specialties	10 10
Signage	10 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0054			Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>		
10 14 23 11-0055			Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0054)</small>		
10 14 23 11-0056	EA		Up To 25 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	47.75	18.50
			<i>For &gt;25 To 50, Deduct</i>	-1.07	
			<i>For &gt;50 To 100, Deduct</i>	-2.68	
			<i>For &gt;100, Deduct</i>	-3.22	
			<i>For Glow-In-Dark, Add</i>	6.44	
			<i>For Reflective Finish, Add</i>	8.05	
10 14 23 11-0057	EA		>25 To 50 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	58.48	18.50
			<i>For &gt;25 To 50, Deduct</i>	-2.15	
			<i>For &gt;50 To 100, Deduct</i>	-5.37	
			<i>For &gt;100, Deduct</i>	-6.44	
			<i>For Glow-In-Dark, Add</i>	12.88	
			<i>For Reflective Finish, Add</i>	16.10	
10 14 23 11-0058	EA		>50 To 100 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	62.78	18.50
			<i>For &gt;25 To 50, Deduct</i>	-2.58	
			<i>For &gt;50 To 100, Deduct</i>	-6.44	
			<i>For &gt;100, Deduct</i>	-7.73	
			<i>For Glow-In-Dark, Add</i>	15.46	
			<i>For Reflective Finish, Add</i>	19.32	
10 14 23 11-0059	EA		>100 To 150 Sl, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign .....	68.50	18.50
			<i>For &gt;25 To 50, Deduct</i>	-3.15	
			<i>For &gt;50 To 100, Deduct</i>	-7.87	
			<i>For &gt;100, Deduct</i>	-9.44	
			<i>For Glow-In-Dark, Add</i>	18.89	
			<i>For Reflective Finish, Add</i>	23.61	
10 14 23 11-0060			Adhesive Backed Vinyl Characters <small>(10 14 23 11)</small>		
			Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0061	EA		1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	3.30	1.05
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	0.55	
10 14 23 11-0062	EA		3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	3.41	1.21
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	0.58	
10 14 23 11-0063	EA		1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	3.51	1.37
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	0.60	
10 14 23 11-0064	EA		1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	4.74	1.58
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	0.77	
10 14 23 11-0065	EA		2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	4.89	1.86
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	0.81	
10 14 23 11-0066	EA		3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	6.89	2.12
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	1.17	
10 14 23 11-0067	EA		4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	7.34	2.38
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	1.29	
10 14 23 11-0068	EA		6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	9.79	2.65
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	1.76	
10 14 23 11-0069	EA		8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	11.62	2.91
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.22	
10 14 23 11-0070	EA		10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character .....	14.82	3.17
			<i>For Pressure Sensitive Vinyl Letters, Custom Cut, Add</i>	2.88	
10 14 23 11-0071			Standoffs For Wall Signage <small>(10 14 23 11)</small>		
			Note: Excludes signage		
10 14 23 11-0072	EA		1/2" Diameter x 1/2" Long, Stainless Steel Standoff .....	16.12	5.95
10 14 23 11-0073	EA		1/2" Diameter x 3/4" Long, Stainless Steel Standoff .....	16.67	5.95
10 14 23 11-0074	EA		1/2" Diameter x 1" Long, Stainless Steel Standoff .....	16.81	5.95
10 14 23 11-0075	EA		5/8" Diameter x 1/2" Long, Stainless Steel Standoff .....	17.68	5.95
10 14 23 11-0076	EA		5/8" Diameter x 3/4" Long, Stainless Steel Standoff .....	18.23	5.95
10 14 23 11-0077	EA		5/8" Diameter x 1" Long, Stainless Steel Standoff .....	19.32	5.95
10 14 23 11-0078	EA		3/4" Diameter x 3/4" Long, Stainless Steel Standoff .....	19.09	7.13
10 14 23 11-0079	EA		3/4" Diameter x 1" Long, Stainless Steel Standoff .....	20.59	7.13
10 14 23 11-0080	EA		3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff .....	21.82	7.13
10 14 23 11-0081	EA		1" Diameter x 3/4" Long, Stainless Steel Standoff .....	23.01	7.13
10 14 23 11-0082	EA		1" Diameter x 1" Long, Stainless Steel Standoff .....	24.79	7.13
10 14 23 11-0083	EA		1" Diameter x 1-1/2" Long, Stainless Steel Standoff .....	26.97	7.13
10 14 23 11-0084	EA		5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff .....	18.09	5.95
10 14 23 11-0085	EA		5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff .....	18.50	5.95
10 14 23 11-0086	EA		3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff .....	20.32	7.13
10 14 23 11-0087	EA		3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff .....	20.73	7.13
10 14 23 11-0088	EA		1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff .....	22.46	7.13
10 14 23 11-0089	EA		1" Diameter x 1" Long, Clear Anodized Aluminum Standoff .....	22.74	7.13
10 14 23 11-0090			Removal And Reinstallation Of Building Signage <small>(10 14 23 11)</small>		
			Note: Includes storage and cleaning.		
10 14 23 11-0091	EA		Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF .....	208.21	
10 14 23 11-0092	EA		Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF .....	239.22	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 14 23 11-0093	EA	Removal And Reinstallation Of Building Signage, >12 To 20 SF.....	268.96		
10 14 23 11-0094	EA	Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF .....	79.32		
<b>10 14 23 11-0095</b>		<b>Building Sign (10 14 23 11)</b>			
		Note: Includes 4" numbers painted on sign. Installed on building.			
10 14 23 11-0096	EA	6" x 18" Metal Building Sign With Numbers .....	203.93	31.72	
10 14 23 11-0097	SF	Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts .....	46.40	8.32	
10 14 23 11-0098	SF	Single Sided, Molding On One Side, For Mounting On Structure Up To 20' .....	35.17	7.73	
10 14 23 11-0099	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep .....	35.61	6.54	
10 14 23 11-0100	EA	Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep .....	41.42	7.14	
10 14 23 11-0101	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep .....	45.51	7.73	
10 14 23 11-0102	EA	Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep .....	54.21	8.32	
10 14 23 11-0103	EA	Permanent Cast Bronze Stud Mounted Suspended Facility Sign .....	9,252.08		
<b>10 14 29</b>		<b>Wall or Ground Mounted Signage (10 14)</b>			
		Note: Includes fabrication, delivery, installation, bolts with fasteners and drilling.			
<b>10 14 29 00-0001</b>		<b>Illuminated Signage (10 14 29)</b>			
<b>10 14 29 00-0002</b>		<b>Fabricate And Install New Sign Cabinets (10 14 29 00-0001)</b>			
10 14 29 00-0003	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	308.55		
		For >5 To 11 Per Each Sign, Deduct	-15.43		
		For >11 To 20 Per Each Sign, Deduct	-23.14		
		For >20 Per Each Sign, Deduct	-30.86		
10 14 29 00-0004	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	256.69		
		For >5 To 11 Per Each Sign, Deduct	-12.83		
		For >11 To 20 Per Each Sign, Deduct	-19.25		
		For >20 Per Each Sign, Deduct	-25.67		
10 14 29 00-0005	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	209.56		
		For >5 To 11 Per Each Sign, Deduct	-10.48		
		For >11 To 20 Per Each Sign, Deduct	-15.72		
		For >20 Per Each Sign, Deduct	-20.96		
10 14 29 00-0006	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	188.54		
		For >5 To 11 Per Each Sign, Deduct	-9.43		
		For >11 To 20 Per Each Sign, Deduct	-14.14		
		For >20 Per Each Sign, Deduct	-18.85		
10 14 29 00-0007	SF	=>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted.....	172.95		
		For >5 To 11 Per Each Sign, Deduct	-8.65		
		For >11 To 20 Per Each Sign, Deduct	-12.97		
		For >20 Per Each Sign, Deduct	-17.30		
<b>10 14 29 00-0008</b>		<b>Fabricate And Install New Sign Face, Material And Legend (10 14 29 00-0001)</b>			
10 14 29 00-0009	SF	1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	83.76		
		For >5 To 11 Per Each Sign, Deduct	-4.19		
		For >11 To 20 Per Each Sign, Deduct	-6.28		
		For >20 Per Each Sign, Deduct	-8.38		
10 14 29 00-0010	SF	5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	68.17		
		For >5 To 11 Per Each Sign, Deduct	-3.41		
		For >11 To 20 Per Each Sign, Deduct	-5.11		
		For >20 Per Each Sign, Deduct	-6.82		
10 14 29 00-0011	SF	10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	52.20		
		For >5 To 11 Per Each Sign, Deduct	-2.61		
		For >11 To 20 Per Each Sign, Deduct	-3.92		
		For >20 Per Each Sign, Deduct	-5.22		
10 14 29 00-0012	SF	20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	41.69		
		For >5 To 11 Per Each Sign, Deduct	-2.08		
		For >11 To 20 Per Each Sign, Deduct	-3.13		
		For >20 Per Each Sign, Deduct	-4.17		
10 14 29 00-0013	SF	=>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend .....	33.36		
		For >5 To 11 Per Each Sign, Deduct	-1.67		
		For >11 To 20 Per Each Sign, Deduct	-2.50		
		For >20 Per Each Sign, Deduct	-3.34		
<b>10 14 31</b>		<b>Overhead and Ceiling Hung Signage (10 14)</b>			
		Note: Includes fabrication, delivery, installation, bolts with fasteners and drilling.			
<b>10 14 31 00-0001</b>		<b>Illuminated Signage (10 14 31)</b>			
<b>10 14 31 00-0002</b>		<b>Fabricate And Install New Sign Cabinets (10 14 31 00-0001)</b>			
10 14 31 00-0003	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	341.31		
		For >5 To 11 Per Each Sign, Deduct	-17.07		
		For >11 To 20 Per Each Sign, Deduct	-25.60		
		For >20 Per Each Sign, Deduct	-34.13		
10 14 31 00-0004	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	283.88		
		For >5 To 11 Per Each Sign, Deduct	-14.19		
		For >11 To 20 Per Each Sign, Deduct	-21.29		
		For >20 Per Each Sign, Deduct	-28.39		
10 14 31 00-0005	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	231.76		
		For >5 To 11 Per Each Sign, Deduct	-11.59		
		For >11 To 20 Per Each Sign, Deduct	-17.38		
		For >20 Per Each Sign, Deduct	-23.18		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Information Specialties	10 10	
Signage	10 14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 31 00-0006 SF 20 To 29.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	208.52	
For >5 To 11 Per Each Sign, Deduct	-10.43	
For >11 To 20 Per Each Sign, Deduct	-15.64	
For >20 Per Each Sign, Deduct	-20.85	
10 14 31 00-0007 SF =>30 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung .....	191.25	
For >5 To 11 Per Each Sign, Deduct	-9.56	
For >11 To 20 Per Each Sign, Deduct	-14.34	
For >20 Per Each Sign, Deduct	-19.13	
<b>10 14 31 00-0008 Fabricate And Install New Sign Face, Material And Legend</b> <small>(10 14 31 00-0001)</small>		
10 14 31 00-0009 SF 1 To 4.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	34.35	
For >5 To 11 Per Each Sign, Deduct	-1.72	
For >11 To 20 Per Each Sign, Deduct	-2.58	
For >20 Per Each Sign, Deduct	-3.44	
10 14 31 00-0010 SF 5 To 9.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	27.48	
For >5 To 11 Per Each Sign, Deduct	-1.37	
For >11 To 20 Per Each Sign, Deduct	-2.06	
For >20 Per Each Sign, Deduct	-2.75	
10 14 31 00-0011 SF 10 To 19.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	22.90	
For >5 To 11 Per Each Sign, Deduct	-1.15	
For >11 To 20 Per Each Sign, Deduct	-1.72	
For >20 Per Each Sign, Deduct	-2.29	
10 14 31 00-0012 SF 20 To 29.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	19.41	
For >5 To 11 Per Each Sign, Deduct	-0.97	
For >11 To 20 Per Each Sign, Deduct	-1.46	
For >20 Per Each Sign, Deduct	-1.94	
10 14 31 00-0013 SF =>30 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend .....	17.12	
For >5 To 11 Per Each Sign, Deduct	-0.86	
For >11 To 20 Per Each Sign, Deduct	-1.28	
For >20 Per Each Sign, Deduct	-1.71	
<b>10 14 43 Photoluminescent Signage</b> <small>(10 14)</small>		
<b>10 14 43 00-0001 Photoluminescent Illuminated Signage</b> <small>(10 14 43)</small>		
10 14 43 00-0002 EA 4-1/2" x 8" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount .....	65.23	13.22
For >25 To 50, Deduct	-3.88	
For >50 To 100, Deduct	-9.70	
For >100, Deduct	-11.64	
10 14 43 00-0003 EA 4-1/2" x 13" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount .....	71.55	13.22
For >25 To 50, Deduct	-4.51	
For >50 To 100, Deduct	-11.28	
For >100, Deduct	-13.53	
10 14 43 00-0004 EA 8" x 10" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount .....	80.21	13.22
For >25 To 50, Deduct	-5.38	
For >50 To 100, Deduct	-13.44	
For >100, Deduct	-16.13	
<b>10 14 53 Traffic Signage</b> <small>(10 14)</small>		
<b>10 14 53 11 Traffic Signage</b> <small>(10 14 53)</small>		
10 14 53 11-0001 Traffic Signs <small>(10 14 53 11)</small>		
10 14 53 11-0002 Reflectorized Stop Signs And Other Traffic Signs <small>(10 14 53 11-0001)</small>		
Note: Excludes posts.		
10 14 53 11-0003 Aluminum Engineer Grade Stop Signs <small>(10 14 53 11-0002)</small>		
10 14 53 11-0004 EA 18" x 18" Aluminum Engineer Grade Stop Sign.....	78.49	23.80
For Hi-Intensity Grade, Add	9.27	
For Diamond Grade, Add	17.61	
10 14 53 11-0005 EA 18" x 24" Aluminum Engineer Grade Stop Sign.....	90.65	25.17
For Hi-Intensity Grade, Add	12.12	
For Diamond Grade, Add	23.03	
10 14 53 11-0006 EA 24" x 24" Aluminum Engineer Grade Stop Sign.....	98.04	26.44
For Hi-Intensity Grade, Add	18.52	
For Diamond Grade, Add	29.35	
10 14 53 11-0007 EA 30" x 30" Aluminum Engineer Grade Stop Sign.....	113.37	27.81
For Hi-Intensity Grade, Add	6.94	
For Diamond Grade, Add	37.60	
10 14 53 11-0008 EA 36" x 36" Aluminum Engineer Grade Stop Sign.....	150.87	29.09
For Hi-Intensity Grade, Add	20.39	
For Diamond Grade, Add	63.96	
10 14 53 11-0009 Steel Engineer Grade Stop Signs <small>(10 14 53 11-0002)</small>		
10 14 53 11-0010 EA 18" x 18" Reflective Steel Stop Sign, Engineering Grade .....	113.12	23.80
10 14 53 11-0011 EA 18" x 24" Reflective Steel Stop Sign, Engineering Grade .....	139.51	25.17
10 14 53 11-0012 EA 24" x 24" Reflective Steel Stop Sign, Engineering Grade .....	147.94	26.44
10 14 53 11-0013 EA 30" x 30" Reflective Steel Stop Sign, Engineering Grade .....	206.75	27.81
10 14 53 11-0014 EA 36" x 36" Reflective Steel Stop Sign, Engineering Grade .....	259.83	29.09

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 53 11-0015		<b>Polyethylene Engineer Grade Stop Signs</b> <small>(10 14 53 11-0002)</small>		
10 14 53 11-0016	EA	18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade	115.55	23.80
10 14 53 11-0017	EA	18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	145.73	25.17
10 14 53 11-0018	EA	24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade	160.18	26.44
10 14 53 11-0019	EA	30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade	207.32	27.81
10 14 53 11-0020		<b>Other Reflectorized Traffic Signs</b> <small>(10 14 53 11-0002)</small>		
Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.				
10 14 53 11-0021		<b>Aluminum Engineer Grade Traffic Signs</b> <small>(10 14 53 11-0020)</small>		
10 14 53 11-0022	EA	6" x 12" Aluminum Engineer Grade Traffic Sign	49.96	21.15
		<i>For Hi-Intensity Grade, Add</i>	2.30	
		<i>For Diamond Grade, Add</i>	4.36	
10 14 53 11-0023	EA	6" x 18" Aluminum Engineer Grade Traffic Sign	53.79	21.15
		<i>For Hi-Intensity Grade, Add</i>	3.44	
		<i>For Diamond Grade, Add</i>	6.54	
10 14 53 11-0024	EA	9" x 12" Aluminum Engineer Grade Traffic Sign	53.79	21.15
		<i>For Hi-Intensity Grade, Add</i>	3.44	
		<i>For Diamond Grade, Add</i>	6.54	
10 14 53 11-0025	EA	9" x 15" Aluminum Engineer Grade Traffic Sign	56.66	21.15
		<i>For Hi-Intensity Grade, Add</i>	4.31	
		<i>For Diamond Grade, Add</i>	8.18	
10 14 53 11-0026	EA	9" x 18" Aluminum Engineer Grade Traffic Sign	59.53	21.15
		<i>For Hi-Intensity Grade, Add</i>	5.17	
		<i>For Diamond Grade, Add</i>	9.82	
10 14 53 11-0027	EA	9" x 24" Aluminum Engineer Grade Traffic Sign	67.91	22.48
		<i>For Hi-Intensity Grade, Add</i>	6.89	
		<i>For Diamond Grade, Add</i>	13.09	
10 14 53 11-0028	EA	9" x 48" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		<i>For Hi-Intensity Grade, Add</i>	13.78	
		<i>For Diamond Grade, Add</i>	26.18	
10 14 53 11-0029	EA	12" x 12" Aluminum Engineer Grade Traffic Sign	57.62	21.15
		<i>For Hi-Intensity Grade, Add</i>	4.59	
		<i>For Diamond Grade, Add</i>	8.73	
10 14 53 11-0030	EA	12" x 18" Aluminum Engineer Grade Traffic Sign	67.91	22.48
		<i>For Hi-Intensity Grade, Add</i>	6.89	
		<i>For Diamond Grade, Add</i>	13.09	
10 14 53 11-0031	EA	12" x 24" Aluminum Engineer Grade Traffic Sign	75.57	22.48
		<i>For Hi-Intensity Grade, Add</i>	9.19	
		<i>For Diamond Grade, Add</i>	17.45	
10 14 53 11-0032	EA	12" x 30" Aluminum Engineer Grade Traffic Sign	83.22	22.48
		<i>For Hi-Intensity Grade, Add</i>	11.48	
		<i>For Diamond Grade, Add</i>	21.81	
10 14 53 11-0033	EA	12" x 36" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		<i>For Hi-Intensity Grade, Add</i>	13.78	
		<i>For Diamond Grade, Add</i>	26.18	
10 14 53 11-0034	EA	18" x 18" Aluminum Engineer Grade Traffic Sign	79.39	22.48
		<i>For Hi-Intensity Grade, Add</i>	10.33	
		<i>For Diamond Grade, Add</i>	19.63	
10 14 53 11-0035	EA	18" x 24" Aluminum Engineer Grade Traffic Sign	90.88	22.48
		<i>For Hi-Intensity Grade, Add</i>	13.78	
		<i>For Diamond Grade, Add</i>	26.18	
10 14 53 11-0036	EA	18" x 30" Aluminum Engineer Grade Traffic Sign	105.00	23.80
		<i>For Hi-Intensity Grade, Add</i>	17.22	
		<i>For Diamond Grade, Add</i>	32.72	
10 14 53 11-0037	EA	18" x 36" Aluminum Engineer Grade Traffic Sign	116.48	23.80
		<i>For Hi-Intensity Grade, Add</i>	20.67	
		<i>For Diamond Grade, Add</i>	39.27	
10 14 53 11-0038	EA	18" x 48" Aluminum Engineer Grade Traffic Sign	150.02	29.09
		<i>For Hi-Intensity Grade, Add</i>	27.56	
		<i>For Diamond Grade, Add</i>	52.35	
10 14 53 11-0039	EA	18" x 54" Aluminum Engineer Grade Traffic Sign	161.50	29.09
		<i>For Hi-Intensity Grade, Add</i>	31.00	
		<i>For Diamond Grade, Add</i>	58.90	
10 14 53 11-0040	EA	24" x 24" Aluminum Engineer Grade Traffic Sign	108.82	23.80
		<i>For Hi-Intensity Grade, Add</i>	18.37	
		<i>For Diamond Grade, Add</i>	34.90	
10 14 53 11-0041	EA	24" x 30" Aluminum Engineer Grade Traffic Sign	124.13	23.80
		<i>For Hi-Intensity Grade, Add</i>	22.96	
		<i>For Diamond Grade, Add</i>	43.63	
10 14 53 11-0042	EA	24" x 36" Aluminum Engineer Grade Traffic Sign	139.44	23.80
		<i>For Hi-Intensity Grade, Add</i>	27.56	
		<i>For Diamond Grade, Add</i>	52.35	
10 14 53 11-0043	EA	24" x 42" Aluminum Engineer Grade Traffic Sign	165.33	29.09
		<i>For Hi-Intensity Grade, Add</i>	32.15	
		<i>For Diamond Grade, Add</i>	61.08	
10 14 53 11-0044	EA	24" x 48" Aluminum Engineer Grade Traffic Sign	180.64	29.09
		<i>For Hi-Intensity Grade, Add</i>	36.74	
		<i>For Diamond Grade, Add</i>	69.81	
10 14 53 11-0045	EA	24" x 54" Aluminum Engineer Grade Traffic Sign	195.95	29.09
		<i>For Hi-Intensity Grade, Add</i>	41.33	
		<i>For Diamond Grade, Add</i>	78.53	



<b>Specialties</b>	<b>10</b>
<b>Information Specialties</b>	<b>10 10</b>
<b>Signage</b>	<b>10 14</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0046	EA		24" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	211.25 45.92 87.26	29.09
10 14 53 11-0047	EA		30" x 30" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	143.27 28.70 54.54	23.80
10 14 53 11-0048	EA		30" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	172.98 34.44 65.44	29.09
10 14 53 11-0049	EA		30" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	192.12 40.19 76.35	29.09
10 14 53 11-0050	EA		30" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	221.82 45.92 87.26	34.37
10 14 53 11-0051	EA		30" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	270.69 57.41 109.08	39.66
10 14 53 11-0052	EA		36" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	195.95 41.33 78.53	29.09
10 14 53 11-0053	EA		36" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	229.48 48.22 91.62	34.37
10 14 53 11-0054	EA		36" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	263.03 55.11 104.71	39.66
10 14 53 11-0055	EA		36" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	285.99 62.00 117.80	39.66
10 14 53 11-0056	EA		36" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	319.53 68.89 130.89	44.95
10 14 53 11-0057	EA		36" x 73" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	379.86 83.81 159.25	50.24
10 14 53 11-0058	EA		36" x 78" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	399.00 89.56 170.16	50.24
10 14 53 11-0059	EA		36" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	529.67 124.00 235.60	58.17
10 14 53 11-0060	EA		42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	266.86 56.26 106.89	39.66
10 14 53 11-0061	EA		48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	334.84 73.48 139.62	44.95
10 14 53 11-0062	EA		48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	376.03 82.67 157.06	50.24
10 14 53 11-0063	EA		48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	406.65 91.85 174.52	50.24
10 14 53 11-0064	EA		48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	453.13 101.04 191.97	58.17
10 14 53 11-0065	EA		48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	483.74 110.22 209.42	58.17
10 14 53 11-0066	EA		48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	555.56 128.59 244.32	63.46
10 14 53 11-0067	EA		48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	616.79 146.96 279.23	63.46
10 14 53 11-0068	EA		48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	647.41 156.15 296.68	63.46
10 14 53 11-0069	EA		48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	683.31 165.33 314.13	66.11
10 14 53 11-0070	EA		60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	586.17 137.78 261.77	63.46
10 14 53 11-0071	EA		72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	1,271.43 330.66 628.26	84.61
10 14 53 11-0072	EA		78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	928.24 238.81 453.74	66.11
10 14 53 11-0073			<b>Polyethylene Engineer Grade Traffic Signs</b> (10 14 53 11-0020)		
10 14 53 11-0074	EA		6" x 12" Reflective Polyethylene Traffic Sign	82.14	19.88



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53	11-0075	EA	12" x 12" Reflective Polyethylene Traffic Sign .....	93.00	21.15
10 14 53	11-0076	EA	12" x 18" Reflective Polyethylene Traffic Sign .....	99.52	22.53
10 14 53	11-0077	EA	18" x 18" Reflective Polyethylene Traffic Sign .....	119.15	23.80
10 14 53	11-0078	EA	18" x 24" Reflective Polyethylene Traffic Sign .....	145.73	25.17
10 14 53	11-0079	EA	24" x 24" Reflective Polyethylene Traffic Sign .....	163.32	25.17
<b>10 14 53 11-0080</b>			<b>Non-ReflectORIZED Traffic Signs</b> <small>(10 14 53 11-0001)</small>		
			Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.		
<b>10 14 53 11-0081</b>			<b>Steel Non-ReflectORIZED Traffic Signs</b> <small>(10 14 53 11-0080)</small>		
10 14 53	11-0082	EA	6" x 12" Steel Non-ReflectORIZED Traffic Sign.....	48.35	21.15
10 14 53	11-0083	EA	6" x 18" Steel Non-ReflectORIZED Traffic Sign.....	51.37	21.15
10 14 53	11-0084	EA	9" x 12" Steel Non-ReflectORIZED Traffic Sign.....	51.37	21.15
10 14 53	11-0085	EA	9" x 15" Steel Non-ReflectORIZED Traffic Sign.....	53.64	21.15
10 14 53	11-0086	EA	9" x 18" Steel Non-ReflectORIZED Traffic Sign.....	55.90	21.15
10 14 53	11-0087	EA	9" x 24" Steel Non-ReflectORIZED Traffic Sign.....	63.07	22.48
10 14 53	11-0088	EA	9" x 48" Steel Non-ReflectORIZED Traffic Sign.....	81.19	22.48
10 14 53	11-0089	EA	12" x 12" Steel Non-ReflectORIZED Traffic Sign.....	54.39	21.15
10 14 53	11-0090	EA	12" x 18" Steel Non-ReflectORIZED Traffic Sign.....	63.07	22.48
10 14 53	11-0091	EA	12" x 24" Steel Non-ReflectORIZED Traffic Sign.....	69.11	22.48
10 14 53	11-0092	EA	12" x 30" Steel Non-ReflectORIZED Traffic Sign.....	75.15	22.48
10 14 53	11-0093	EA	12" x 36" Steel Non-ReflectORIZED Traffic Sign.....	81.19	22.48
10 14 53	11-0094	EA	18" x 18" Steel Non-ReflectORIZED Traffic Sign.....	72.13	22.48
10 14 53	11-0095	EA	18" x 24" Steel Non-ReflectORIZED Traffic Sign.....	81.19	22.48
10 14 53	11-0096	EA	18" x 30" Steel Non-ReflectORIZED Traffic Sign.....	92.89	23.80
10 14 53	11-0097	EA	18" x 36" Steel Non-ReflectORIZED Traffic Sign.....	101.96	23.80
10 14 53	11-0098	EA	18" x 48" Steel Non-ReflectORIZED Traffic Sign.....	130.66	29.09
10 14 53	11-0099	EA	18" x 54" Steel Non-ReflectORIZED Traffic Sign.....	139.72	29.09
10 14 53	11-0100	EA	24" x 24" Steel Non-ReflectORIZED Traffic Sign.....	95.91	23.80
10 14 53	11-0101	EA	24" x 30" Steel Non-ReflectORIZED Traffic Sign.....	108.00	23.80
10 14 53	11-0102	EA	24" x 36" Steel Non-ReflectORIZED Traffic Sign.....	120.08	23.80
10 14 53	11-0103	EA	24" x 42" Steel Non-ReflectORIZED Traffic Sign.....	142.74	29.09
10 14 53	11-0104	EA	24" x 48" Steel Non-ReflectORIZED Traffic Sign.....	154.82	29.09
10 14 53	11-0105	EA	24" x 54" Steel Non-ReflectORIZED Traffic Sign.....	166.90	29.09
10 14 53	11-0106	EA	24" x 60" Steel Non-ReflectORIZED Traffic Sign.....	178.98	29.09
10 14 53	11-0107	EA	30" x 30" Steel Non-ReflectORIZED Traffic Sign.....	123.10	23.80
10 14 53	11-0108	EA	30" x 36" Steel Non-ReflectORIZED Traffic Sign.....	148.78	29.09
10 14 53	11-0109	EA	30" x 42" Steel Non-ReflectORIZED Traffic Sign.....	163.88	29.09
10 14 53	11-0110	EA	30" x 48" Steel Non-ReflectORIZED Traffic Sign.....	189.55	34.37
10 14 53	11-0111	EA	30" x 60" Steel Non-ReflectORIZED Traffic Sign.....	230.34	39.66
10 14 53	11-0112	EA	36" x 36" Steel Non-ReflectORIZED Traffic Sign.....	166.90	29.09
10 14 53	11-0113	EA	36" x 42" Steel Non-ReflectORIZED Traffic Sign.....	195.59	34.37
10 14 53	11-0114	EA	36" x 48" Steel Non-ReflectORIZED Traffic Sign.....	224.30	39.66
10 14 53	11-0115	EA	36" x 54" Steel Non-ReflectORIZED Traffic Sign.....	242.43	39.66
10 14 53	11-0116	EA	36" x 60" Steel Non-ReflectORIZED Traffic Sign.....	271.12	44.95
10 14 53	11-0117	EA	36" x 73" Steel Non-ReflectORIZED Traffic Sign.....	320.96	50.24
10 14 53	11-0118	EA	36" x 78" Steel Non-ReflectORIZED Traffic Sign.....	336.06	50.24
10 14 53	11-0119	EA	36" x 108" Steel Non-ReflectORIZED Traffic Sign.....	442.53	58.17
10 14 53	11-0120	EA	42" x 42" Steel Non-ReflectORIZED Traffic Sign.....	227.32	39.66
10 14 53	11-0121	EA	48" x 48" Steel Non-ReflectORIZED Traffic Sign.....	283.20	44.95
10 14 53	11-0122	EA	48" x 54" Steel Non-ReflectORIZED Traffic Sign.....	317.94	50.24
10 14 53	11-0123	EA	48" x 60" Steel Non-ReflectORIZED Traffic Sign.....	342.10	50.24
10 14 53	11-0124	EA	48" x 66" Steel Non-ReflectORIZED Traffic Sign.....	382.13	58.17
10 14 53	11-0125	EA	48" x 72" Steel Non-ReflectORIZED Traffic Sign.....	406.29	58.17
10 14 53	11-0126	EA	48" x 84" Steel Non-ReflectORIZED Traffic Sign.....	465.19	63.46
10 14 53	11-0127	EA	48" x 96" Steel Non-ReflectORIZED Traffic Sign.....	513.52	63.46
10 14 53	11-0128	EA	48" x 102" Steel Non-ReflectORIZED Traffic Sign.....	537.68	63.46
10 14 53	11-0129	EA	48" x 108" Steel Non-ReflectORIZED Traffic Sign.....	567.12	66.11
10 14 53	11-0130	EA	60" x 72" Steel Non-ReflectORIZED Traffic Sign.....	489.36	63.46
10 14 53	11-0131	EA	72" x 144" Steel Non-ReflectORIZED Traffic Sign.....	1,039.06	84.61
10 14 53	11-0132	EA	78" x 96" Steel Non-ReflectORIZED Traffic Sign.....	760.42	66.11
<b>10 14 53 11-0133</b>			<b>Aluminum Non-ReflectORIZED Traffic Signs</b> <small>(10 14 53 11-0080)</small>		
10 14 53	11-0134	EA	6" x 12" Aluminum Non-ReflectORIZED Traffic Sign.....	48.60	21.15
10 14 53	11-0135	EA	6" x 18" Aluminum Non-ReflectORIZED Traffic Sign.....	51.74	21.15
10 14 53	11-0136	EA	9" x 12" Aluminum Non-ReflectORIZED Traffic Sign.....	51.74	21.15
10 14 53	11-0137	EA	9" x 15" Aluminum Non-ReflectORIZED Traffic Sign.....	54.10	21.15
10 14 53	11-0138	EA	9" x 18" Aluminum Non-ReflectORIZED Traffic Sign.....	56.46	21.15
10 14 53	11-0139	EA	9" x 24" Aluminum Non-ReflectORIZED Traffic Sign.....	63.81	22.48
10 14 53	11-0140	EA	9" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	82.67	22.48
10 14 53	11-0141	EA	12" x 12" Aluminum Non-ReflectORIZED Traffic Sign.....	54.88	21.15
10 14 53	11-0142	EA	12" x 18" Aluminum Non-ReflectORIZED Traffic Sign.....	63.81	22.48
10 14 53	11-0143	EA	12" x 24" Aluminum Non-ReflectORIZED Traffic Sign.....	70.10	22.48
10 14 53	11-0144	EA	12" x 30" Aluminum Non-ReflectORIZED Traffic Sign.....	76.38	22.48
10 14 53	11-0145	EA	12" x 36" Aluminum Non-ReflectORIZED Traffic Sign.....	82.67	22.48
10 14 53	11-0146	EA	18" x 18" Aluminum Non-ReflectORIZED Traffic Sign.....	73.24	22.48
10 14 53	11-0147	EA	18" x 24" Aluminum Non-ReflectORIZED Traffic Sign.....	82.67	22.48
10 14 53	11-0148	EA	18" x 30" Aluminum Non-ReflectORIZED Traffic Sign.....	94.74	23.80



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0149	EA		18" x 36" Aluminum Non-ReflectORIZED Traffic Sign.....	104.17	23.80
10 14 53 11-0150	EA		18" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	133.61	29.09
10 14 53 11-0151	EA		18" x 54" Aluminum Non-ReflectORIZED Traffic Sign.....	143.04	29.09
10 14 53 11-0152	EA		24" x 24" Aluminum Non-ReflectORIZED Traffic Sign.....	97.88	23.80
10 14 53 11-0153	EA		24" x 30" Aluminum Non-ReflectORIZED Traffic Sign.....	110.46	23.80
10 14 53 11-0154	EA		24" x 36" Aluminum Non-ReflectORIZED Traffic Sign.....	123.03	23.80
10 14 53 11-0155	EA		24" x 42" Aluminum Non-ReflectORIZED Traffic Sign.....	146.18	29.09
10 14 53 11-0156	EA		24" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	158.76	29.09
10 14 53 11-0157	EA		24" x 54" Aluminum Non-ReflectORIZED Traffic Sign.....	171.33	29.09
10 14 53 11-0158	EA		24" x 60" Aluminum Non-ReflectORIZED Traffic Sign.....	183.91	29.09
10 14 53 11-0159	EA		30" x 30" Aluminum Non-ReflectORIZED Traffic Sign.....	126.17	23.80
10 14 53 11-0160	EA		30" x 36" Aluminum Non-ReflectORIZED Traffic Sign.....	152.47	29.09
10 14 53 11-0161	EA		30" x 42" Aluminum Non-ReflectORIZED Traffic Sign.....	168.19	29.09
10 14 53 11-0162	EA		30" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	194.48	34.37
10 14 53 11-0163	EA		30" x 60" Aluminum Non-ReflectORIZED Traffic Sign.....	236.50	39.66
10 14 53 11-0164	EA		36" x 36" Aluminum Non-ReflectORIZED Traffic Sign.....	171.33	29.09
10 14 53 11-0165	EA		36" x 42" Aluminum Non-ReflectORIZED Traffic Sign.....	200.76	34.37
10 14 53 11-0166	EA		36" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	230.21	39.66
10 14 53 11-0167	EA		36" x 54" Aluminum Non-ReflectORIZED Traffic Sign.....	249.07	39.66
10 14 53 11-0168	EA		36" x 60" Aluminum Non-ReflectORIZED Traffic Sign.....	278.50	44.95
10 14 53 11-0169	EA		36" x 73" Aluminum Non-ReflectORIZED Traffic Sign.....	329.95	50.24
10 14 53 11-0170	EA		36" x 78" Aluminum Non-ReflectORIZED Traffic Sign.....	345.66	50.24
10 14 53 11-0171	EA		36" x 108" Aluminum Non-ReflectORIZED Traffic Sign.....	455.82	58.17
10 14 53 11-0172	EA		42" x 42" Aluminum Non-ReflectORIZED Traffic Sign.....	233.36	39.66
10 14 53 11-0173	EA		48" x 48" Aluminum Non-ReflectORIZED Traffic Sign.....	291.08	44.95
10 14 53 11-0174	EA		48" x 54" Aluminum Non-ReflectORIZED Traffic Sign.....	326.80	50.24
10 14 53 11-0175	EA		48" x 60" Aluminum Non-ReflectORIZED Traffic Sign.....	351.95	50.24
10 14 53 11-0176	EA		48" x 66" Aluminum Non-ReflectORIZED Traffic Sign.....	392.96	58.17
10 14 53 11-0177	EA		48" x 72" Aluminum Non-ReflectORIZED Traffic Sign.....	418.10	58.17
10 14 53 11-0178	EA		48" x 84" Aluminum Non-ReflectORIZED Traffic Sign.....	478.98	63.46
10 14 53 11-0179	EA		48" x 96" Aluminum Non-ReflectORIZED Traffic Sign.....	529.27	63.46
10 14 53 11-0180	EA		48" x 102" Aluminum Non-ReflectORIZED Traffic Sign.....	554.42	63.46
10 14 53 11-0181	EA		48" x 108" Aluminum Non-ReflectORIZED Traffic Sign.....	584.85	66.11
10 14 53 11-0182	EA		60" x 72" Aluminum Non-ReflectORIZED Traffic Sign.....	504.13	63.46
10 14 53 11-0183	EA		72" x 144" Aluminum Non-ReflectORIZED Traffic Sign.....	1,074.51	84.61
10 14 53 11-0184	EA		78" x 96" Aluminum Non-ReflectORIZED Traffic Sign.....	786.02	66.11
<b>10 14 53 11-0185 Polyethylene Non-ReflectORIZED Traffic Signs (10 14 53 11-0080)</b>					
10 14 53 11-0186	EA		6" x 12" Non-Reflective Polyethylene Traffic Sign.....	70.16	19.88
10 14 53 11-0187	EA		12" x 12" Non-Reflective Polyethylene Traffic Sign.....	76.58	21.15
10 14 53 11-0188	EA		12" x 18" Non-Reflective Polyethylene Traffic Sign.....	82.39	22.53
10 14 53 11-0189	EA		18" x 18" Non-Reflective Polyethylene Traffic Sign.....	106.91	23.80
10 14 53 11-0190	EA		18" x 24" Non-Reflective Polyethylene Traffic Sign.....	114.47	25.17
10 14 53 11-0191	EA		24" x 24" Non-Reflective Polyethylene Traffic Sign.....	132.09	26.44
<b>10 14 53 11-0192 Aluminum Street Signs (10 14 53 11-0001)</b>					
Note: Excludes posts.					
<b>10 14 53 11-0193 Aluminum Engineer Grade Street Signs (10 14 53 11-0192)</b>					
10 14 53 11-0194	EA		6" High, Aluminum Engineer Grade Street Sign.....	84.45	10.57
			<i>For Hi-Intensity Grade, Add</i>	18.99	
			<i>For Diamond Grade, Add</i>	36.08	
10 14 53 11-0195	EA		8" High, Aluminum Engineer Grade Street Sign.....	95.62	10.57
			<i>For Hi-Intensity Grade, Add</i>	22.34	
			<i>For Diamond Grade, Add</i>	42.45	
10 14 53 11-0196	EA		9" High, Aluminum Engineer Grade Street Sign.....	103.94	10.57
			<i>For Hi-Intensity Grade, Add</i>	24.84	
			<i>For Diamond Grade, Add</i>	47.19	
<b>10 14 53 11-0197 Street Sign Accessories (10 14 53 11-0192)</b>					
10 14 53 11-0198	EA		Single Bracket And Post Cap For Street Sign.....	25.80	5.29
10 14 53 11-0199	EA		Double Bracket And Post Cap For Street Sign.....	25.80	5.29
<b>10 14 53 11-0200 Sign Posts (10 14 53 11-0001)</b>					
Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.					
<b>10 14 53 11-0201 U-Channel Sign Posts (10 14 53 11-0200)</b>					
Note: Excludes digging and concrete.					
<b>10 14 53 11-0202 Baked Enamel U-Channel Sign Posts (10 14 53 11-0201)</b>					
10 14 53 11-0203	EA		3' To 4' Baked Enamel U-Channel Sign Post Base.....	69.45	21.52
10 14 53 11-0204	EA		6' Baked Enamel U-Channel Sign Post.....	90.94	26.89
10 14 53 11-0205	EA		7' Baked Enamel U-Channel Sign Post.....	108.61	32.27
10 14 53 11-0206	EA		8' Baked Enamel U-Channel Sign Post.....	127.14	37.66
10 14 53 11-0207	EA		10' Baked Enamel U-Channel Sign Post.....	153.47	45.73
10 14 53 11-0208	EA		12' Baked Enamel U-Channel Sign Post.....	157.70	45.73



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 10</b>	<b>Information Specialties</b>
	<b>10 14</b>	<b>Signage</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>10 14 53 11-0209</b>	<b>Galvanized Steel U-Channel Sign Posts</b> <small>(10 14 53 11-0201)</small>		
10 14 53 11-0210	EA 3' To 4' Galvanized Steel U-Channel Sign Post Base.....	74.89	21.52
10 14 53 11-0211	EA 6' Galvanized Steel U-Channel Sign Post.....	99.58	26.89
10 14 53 11-0212	EA 7' Galvanized Steel U-Channel Sign Post.....	128.16	32.27
10 14 53 11-0213	EA 8' Galvanized Steel U-Channel Sign Post.....	148.75	37.66
10 14 53 11-0214	EA 10' Galvanized Steel U-Channel Sign Post.....	169.20	45.73
10 14 53 11-0215	EA 12' Galvanized Steel U-Channel Sign Post.....	171.39	45.73

<b>10 14 53 11-0216</b>	<b>Fiberglass Or Composite Plastic U-Channel Sign Posts</b> <small>(10 14 53 11-0201)</small>		
10 14 53 11-0217	EA 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	68.17	21.52
10 14 53 11-0218	EA 6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	88.15	26.89
10 14 53 11-0219	EA 7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	105.24	32.27
10 14 53 11-0220	EA 8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	123.12	37.66
10 14 53 11-0221	EA 10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	146.18	45.73
10 14 53 11-0222	EA 12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	153.38	45.73

<b>10 14 53 11-0223</b>	<b>Tubular Sign Posts</b> <small>(10 14 53 11-0200)</small>		
Note: Excludes digging and concrete.			
<b>10 14 53 11-0224</b>	<b>2-3/8" Diameter, Galvanized Steel Tubular Sign Post</b> <small>(10 14 53 11-0223)</small>		
10 14 53 11-0225	EA 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	100.48	26.89
10 14 53 11-0226	EA 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	119.29	32.27
10 14 53 11-0227	EA 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	140.83	37.66
10 14 53 11-0228	EA 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	181.02	45.73
10 14 53 11-0229	EA 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	195.86	45.73

<b>10 14 53 11-0230</b>	<b>Square Sign Posts</b> <small>(10 14 53 11-0200)</small>		
Note: Excludes digging and concrete.			

<b>10 14 53 11-0231</b>	<b>Galvanized Steel Square Sign Posts</b> <small>(10 14 53 11-0230)</small>		
10 14 53 11-0232	EA 3' To 4' Galvanized Steel Square Sign Post Base.....	76.10	21.52
10 14 53 11-0233	EA 6' Galvanized Steel Square Sign Post.....	120.05	26.89
10 14 53 11-0234	EA 7' Galvanized Steel Square Sign Post.....	140.90	32.27
10 14 53 11-0235	EA 8' Galvanized Steel Square Sign Post.....	164.34	37.66
10 14 53 11-0236	EA 10' Galvanized Steel Square Sign Post.....	200.64	45.73
10 14 53 11-0237	EA 12' Galvanized Steel Square Sign Post.....	211.00	45.73

<b>10 14 53 11-0238</b>	<b>Sign Post Accessories</b> <small>(10 14 53 11-0001)</small>		
-------------------------	--	--	--

<b>10 14 53 11-0239</b>	<b>Sign Post Brackets</b> <small>(10 14 53 11-0238)</small>		
10 14 53 11-0240	EA 2-3/8" Outside Diameter, Single Side Sign Bracket Set.....	50.51	7.93
Note: Includes 2 single side signpost brackets			
10 14 53 11-0241	EA 2-3/8" Outside Diameter, Double Side Sign Bracket Set.....	68.07	13.22
Note: Includes 2 double side signpost brackets			
10 14 53 11-0242	EA 4" To 12" Diameter, Buckle Bracket Set.....	61.27	10.57
Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware			

<b>10 14 53 11-0243</b>	<b>Sign Post Caps</b> <small>(10 14 53 11-0238)</small>		
10 14 53 11-0244	EA 2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2).....	23.49	5.29

<b>10 14 53 11-0245</b>	<b>Sign Post Replacement Bolts</b> <small>(10 14 53 11-0238)</small>		
10 14 53 11-0246	EA Signage Fasteners Replacement.....	16.76	
Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers			

<b>10 14 53 11-0247</b>	<b>Removal Of Signs</b> <small>(10 14 53 11)</small>		
Note: Includes structural supports.			
10 14 53 11-0248	EA >4 To 10 SF Sign Area, Sign Removal.....	211.53	
10 14 53 11-0249	EA >10 To 20 SF Sign Area, Sign Removal.....	507.66	
10 14 53 11-0250	EA >20 To 40 SF Sign Area, Sign Removal.....	761.49	
10 14 53 11-0251	EA >40 To 100 SF Sign Area, Sign Removal.....	1,167.66	

<b>10 14 53 11-0252</b>	<b>Removal And Reinstallation Of Signs</b> <small>(10 14 53 11)</small>		
Note: Includes structural supports.			
10 14 53 11-0253	EA >4 To 10 SF Sign Area, Removal And Reinstallation Of Sign.....	322.04	
10 14 53 11-0254	EA >10 To 20 SF Sign Area, Removal And Reinstallation Of Sign.....	764.88	
10 14 53 11-0255	EA >20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign.....	1,145.13	
10 14 53 11-0256	EA >40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign.....	1,754.18	
10 14 53 11-0257	EA Removal And Reinstallation Of Street Sign On Post.....	121.63	
10 14 53 11-0258	EA Removal And Relocation Of Traffic Light.....	420.03	
Note: Excludes electrical hookup.			

**10 14 56 Bridge Signage** (10 14)



	<b>Specialties</b>	<b>10</b>
	Information Specialties	10 10
	Signage	10 14

10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

10 14 56 00-0001	Bridge And Truss Mounted Signs <small>(10 14 56)</small>		
10 14 56 00-0002	Fabricate And Install Bridge And Truss Mounted Signs <small>(10 14 56 00-0001)</small>		
10 14 56 00-0003	LF Telescoping Steel Ground Posts .....	108.95	
10 14 56 00-0004	LF Overhead Steel Mounting Framework .....	1,863.07	
10 14 56 00-0005	LB Ground Mounted Steel Structure .....	7.36	

10 14 56 00-0006	Fabricate And Install New 12" Extruded Aluminum Channel <small>(10 14 56 00-0001)</small>		
	Note: Includes reflective face with reflective legend.		
10 14 56 00-0007	SF 1 To 49.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend .....	135.49	
10 14 56 00-0008	SF 50 To 99.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend .....	120.75	
10 14 56 00-0009	SF 100 To 149.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend .....	107.95	
10 14 56 00-0010	SF >150 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend .....	97.00	

**10 14 63 Electronic Message Signage (10 14)**

10 14 63 00-0001	Dynamic Signs <small>(10 14 63)</small>		
10 14 63 00-0002	Fabricate And Install New Sign Face Components <small>(10 14 63 00-0001)</small>		
10 14 63 00-0003	Disappearing Copy Sign <small>(10 14 63 00-0002)</small>		
10 14 63 00-0004	SF 1 To 49.9 SF, Disappearing Copy Sign .....	47.09	
10 14 63 00-0005	SF =>50 SF, Disappearing Copy Sign .....	33.93	

**10 20 Interior Specialties (10)**

**10 21 Compartments and Cubicles (10 20)**

**10 21 13 Toilet Compartments (10 21)**

**10 21 13 13 Metal Toilet Compartments (10 21 13)**

10 21 13 13-0001	Enamel Coated Steel Toilet Partitions And Urinal Screens <small>(10 21 13 13)</small>		
	Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.		

10 21 13 13-0002	Enamel Coated Steel Toilet Partitions <small>(10 21 13 13-0001)</small>		
	Note: All colors.		

10 21 13 13-0003	Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
10 21 13 13-0004	EA 36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition .....	1,078.12	133.84
	<i>For &gt;10, Deduct</i>	-81.04	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0005	EA 60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,304.04	145.75
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0006	EA 60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,392.79	151.70
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	

10 21 13 13-0007	Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
	Note: Includes head rail.		
10 21 13 13-0008	EA 36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition .....	1,122.20	163.60
	<i>For &gt;10, Deduct</i>	-79.50	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0009	EA 60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,303.86	175.49
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0010	EA 60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,378.34	181.44
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	

10 21 13 13-0011	Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
	Note: Excludes above ceiling steel.		
10 21 13 13-0012	EA 36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition .....	1,324.52	193.34
	<i>For &gt;10, Deduct</i>	-93.78	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0013	EA 60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,544.45	205.24
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
10 21 13 13-0014	EA 60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition .....	1,622.24	211.18
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 21 13 13-0015</b> <b>Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions</b> <small>(10 21 13 13-0002)</small> Note: Excludes above ceiling steel.		
10 21 13 13-0016    EA    36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition.....	1,279.68	223.08
For >10, Deduct	-83.35	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	224.59	
10 21 13 13-0017    EA    60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,536.41	234.98
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	224.59	
10 21 13 13-0018    EA    60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	1,622.91	240.93
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	224.59	
<b>10 21 13 13-0019</b> <b>Enamel Coated Steel Urinal Screens</b> <small>(10 21 13 13-0001)</small> Note: All colors.		
<b>10 21 13 13-0020</b> <b>Floor Anchored, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13 13-0019)</small>		
10 21 13 13-0021    EA    24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	570.74	83.26
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0022    EA    36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	632.70	89.20
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0023    EA    48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen.....	696.56	95.15
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
<b>10 21 13 13-0024</b> <b>Wall Hung, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13 13-0019)</small>		
10 21 13 13-0025    EA    18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	323.67	71.35
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0026    EA    24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	349.04	77.31
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0027    EA    30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen.....	368.61	83.26
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
<b>10 21 13 13-0028</b> <b>Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13 13-0019)</small>		
10 21 13 13-0029    EA    18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen .....	418.26	77.31
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
<b>10 21 13 13-0030</b> <b>Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13 13-0019)</small>		
10 21 13 13-0031    EA    18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	468.39	77.31
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0032    EA    24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	499.52	83.26
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0033    EA    30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen.....	530.67	89.20
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
<b>10 21 13 13-0034</b> <b>Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens</b> <small>(10 21 13 13-0019)</small>		
10 21 13 13-0035    EA    22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen .....	528.39	83.26
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0036    EA    34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen .....	567.24	89.20
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0037    EA    46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen .....	627.27	95.15
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
<b>10 21 13 13-0038</b> <b>Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 13-0001)</small> Note: All colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
<b>10 21 13 13-0039</b> <b>Enamel Coated Steel, Toilet Partition Doors</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0040    EA    24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door .....	340.19	23.79
For Heavy Gauge Full-Height SS Hinge, Add	100.14	
10 21 13 13-0041    EA    26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door .....	347.89	23.79
For Heavy Gauge Full-Height SS Hinge, Add	100.14	
10 21 13 13-0042    EA    30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door .....	368.78	25.58
For Heavy Gauge Full-Height SS Hinge, Add	100.14	
10 21 13 13-0043    EA    34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	403.44	25.58
For Heavy Gauge Full-Height SS Hinge, Add	100.14	
10 21 13 13-0044    EA    36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door.....	411.14	25.58
For Heavy Gauge Full-Height SS Hinge, Add	100.14	
<b>10 21 13 13-0045</b> <b>Enamel Coated Steel, Toilet Partition Panels</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0046    EA    6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	244.63	35.69
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0047    EA    12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	269.84	38.67
For Heavy Gauge Full-Height SS Brackets, Add	62.23	
10 21 13 13-0048    EA    18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel.....	295.04	41.64
For Heavy Gauge Full-Height SS Brackets, Add	62.23	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0049	EA		24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	320.24 62.23	44.62
10 21 13 13-0050	EA		30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	345.44 62.23	47.59
10 21 13 13-0051	EA		36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	370.63 62.23	50.57
10 21 13 13-0052	EA		42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	393.90 62.23	53.54
10 21 13 13-0053	EA		48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	419.11 62.23	56.52
10 21 13 13-0054	EA		55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	436.60 62.23	59.48
10 21 13 13-0055	EA		58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	446.67 42.00 62.23	60.68
10 21 13 13-0056	EA		60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	459.88 42.00 62.23	62.46
10 21 13 13-0057	EA		70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	502.40 42.00 62.23	65.43
10 21 13 13-0058	EA		78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	539.14 42.00 62.23	68.41
<b>10 21 13 13-0059</b>			<b>70" Long, Enamel Coated Steel, Toilet Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0060	EA		Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	185.84 62.23	17.85
10 21 13 13-0061	EA		5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	205.26 62.23	20.82
10 21 13 13-0062	EA		6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	226.61 62.23	23.79
10 21 13 13-0063	EA		8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	263.36 62.23	26.77
10 21 13 13-0064	EA		10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	298.18 62.23	29.74
10 21 13 13-0065	EA		12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	333.01 62.23	32.72
10 21 13 13-0066	EA		18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.43 62.23	35.69
10 21 13 13-0067	EA		22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	493.14 62.23	38.67
10 21 13 13-0068	EA		24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	529.89 62.23	41.64
<b>10 21 13 13-0069</b>			<b>82" Long, Enamel Coated Steel, Toilet Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0070	EA		Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	149.27 62.23	17.85
10 21 13 13-0071	EA		5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	162.92 62.23	20.82
10 21 13 13-0072	EA		6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	178.49 62.23	23.79
10 21 13 13-0073	EA		8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	201.76 62.23	26.77
10 21 13 13-0074	EA		10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	223.10 62.23	29.74
10 21 13 13-0075	EA		12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	246.38 62.23	32.72
10 21 13 13-0076	EA		18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	304.30 62.23	35.69
10 21 13 13-0077	EA		22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	342.99 62.23	38.67
10 21 13 13-0078	EA		24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	366.27 62.23	41.64
<b>10 21 13 13-0079</b>			<b>96" To 120" Long, Enamel Coated Steel, Partition Pilasters</b> <small>(10 21 13 13-0038)</small>		
10 21 13 13-0080	EA		Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	207.37 62.23	23.79
10 21 13 13-0081	EA		5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	226.79 62.23	26.77
10 21 13 13-0082	EA		6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	248.13 62.23	29.74
10 21 13 13-0083	EA		8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	284.88 62.23	32.72
10 21 13 13-0084	EA		10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	319.70 62.23	35.69
10 21 13 13-0085	EA		12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	354.54 62.23	38.67
10 21 13 13-0086	EA		18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	450.97 62.23	41.64

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 13-0087	EA	22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster .....	514.66	44.62
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
10 21 13 13-0088	EA	24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster .....	551.41	47.59
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
<b>10 21 13 14 Stainless-Steel Toilet Compartments (10 21 13)</b>				
10 21 13 14-0001		<b>Stainless Steel Toilet Partitions And Urinal Screens (10 21 13 14)</b> Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.		
10 21 13 14-0002		<b>Stainless Steel Toilet Partitions (10 21 13 14-0002)</b>		
10 21 13 14-0003		<b>Floor Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0003)</b>		
10 21 13 14-0004	EA	36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition .....	2,483.30	133.84
		<i>For &gt;10, Deduct</i>	-221.56	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	775.46	
10 21 13 14-0005	EA	60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,998.47	145.75
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	947.44	
10 21 13 14-0006	EA	60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,140.59	151.70
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	993.02	
10 21 13 14-0007		<b>Overhead Braced, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0007)</b> Note: Includes head rail.		
10 21 13 14-0008	EA	36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition .....	2,102.55	163.60
		<i>For &gt;10, Deduct</i>	-177.54	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	621.38	
10 21 13 14-0009	EA	60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,559.31	175.49
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	772.92	
10 21 13 14-0010	EA	60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,788.89	181.44
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	849.10	
10 21 13 14-0011		<b>Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0011)</b> Note: Excludes above ceiling steel.		
10 21 13 14-0012	EA	36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition .....	2,912.34	193.34
		<i>For &gt;10, Deduct</i>	-252.57	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	883.98	
10 21 13 14-0013	EA	60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,123.60	205.24
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	949.60	
10 21 13 14-0014	EA	60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,269.87	211.18
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	996.63	
10 21 13 14-0015		<b>Ceiling Hung, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0015)</b> Note: Excludes above ceiling steel.		
10 21 13 14-0016	EA	36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition .....	2,915.38	223.08
		<i>For &gt;10, Deduct</i>	-246.92	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	864.23	
10 21 13 14-0017	EA	60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,548.56	234.98
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	1,077.51	
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,731.39	240.93
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For Diamond Pattern Finish, Add</i>	1,137.34	
10 21 13 14-0019		<b>Stainless Steel Urinal Screens (10 21 13 14-0019)</b>		
10 21 13 14-0020		<b>Floor Anchored, Stainless Steel, Urinal Screens (10 21 13 14-0020)</b>		
10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen .....	819.67	83.26
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For Diamond Pattern Finish, Add</i>	228.61	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
10 21	13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	927.83 62.23 262.30	89.20	
10 21	13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	947.60 62.23 265.06	95.15	
<b>10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens (10 21 13 14-0019)</b>						
10 21	13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	606.11 62.23 162.19	71.35	
10 21	13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	655.86 62.23 175.43	77.31	
10 21	13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	715.99 62.23 192.33	83.26	
<b>10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens (10 21 13 14-0019)</b>						
10 21	13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	983.91 62.23 290.26	77.31	
10 21	13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,031.25 62.23 302.66	83.26	
10 21	13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,078.37 62.23 314.99	89.20	
<b>10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens (10 21 13 14-0019)</b>						
10 21	13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	819.67 62.23 228.61	83.26	
10 21	13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	927.82 62.23 262.30	89.20	
10 21	13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,040.50 62.23 297.57	95.15	
10 21	13 14-0036	<b>Stainless Steel Toilet Partition Doors, Panels And Pilasters (10 21 13 14-0001)</b> See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.				
<b>10 21 13 14-0037 Stainless Steel, Toilet Partition Doors (10 21 13 14-0036)</b>						
10 21	13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	541.70 100.14 172.94	23.79	
10 21	13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	619.74 100.14 200.25	23.79	
10 21	13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	636.50 100.14 204.04	26.77	
10 21	13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	659.03 100.14 211.92	26.77	
10 21	13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	665.30 100.14 214.12	26.77	
<b>10 21 13 14-0043 Stainless Steel, Toilet Partition Panels (10 21 13 14-0036)</b>						
10 21	13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	467.86 62.23 138.77	35.69	
10 21	13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	519.62 62.23 154.80	38.67	
10 21	13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	541.40 62.23 160.34	41.64	
10 21	13 14-0047	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	566.18 62.23 166.93	44.62	
10 21	13 14-0048	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	607.70 62.23 179.38	47.59	
10 21	13 14-0049	EA	36" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	655.98 62.23 194.20	50.57	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 14-0050	EA	42" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	767.53 62.23 231.16	53.54
10 21 13 14-0051	EA	48" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	840.41 62.23 254.58	56.52
10 21 13 14-0052	EA	55" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	862.21 62.23 260.13	59.48
10 21 13 14-0053	EA	58" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	905.09 62.23 274.31	60.68
10 21 13 14-0054	EA	60" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	961.50 62.23 292.80	62.46
10 21 13 14-0055	EA	70" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,007.45 62.23 306.80	65.43
10 21 13 14-0056	EA	78" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,105.49 62.23 339.03	68.41
<b>10 21 13 14-0057</b>		<b>70" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)</b>		
10 21 13 14-0058	EA	Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	324.53 62.23 101.09	17.85
10 21 13 14-0059	EA	5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	353.37 62.23 109.11	20.82
10 21 13 14-0060	EA	6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	383.98 62.23 117.74	23.79
10 21 13 14-0061	EA	8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	437.48 62.23 134.38	26.77
10 21 13 14-0062	EA	10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	490.98 62.23 151.03	29.74
10 21 13 14-0063	EA	12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	544.48 62.23 167.67	32.72
10 21 13 14-0064	EA	18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	691.33 62.23 216.98	35.69
10 21 13 14-0065	EA	22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	792.39 62.23 250.27	38.67
10 21 13 14-0066	EA	24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	845.89 62.23 266.91	41.64
<b>10 21 13 14-0067</b>		<b>82" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)</b>		
10 21 13 14-0068	EA	Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	247.99 62.23 74.31	17.85
10 21 13 14-0069	EA	5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	268.47 62.23 79.39	20.82
10 21 13 14-0070	EA	6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	289.69 62.23 84.74	23.79
10 21 13 14-0071	EA	8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	376.21 62.23 112.93	26.77
10 21 13 14-0072	EA	10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	424.61 62.23 127.80	29.74
10 21 13 14-0073	EA	12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	439.37 62.23 130.88	32.72
10 21 13 14-0074	EA	18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	497.89 62.23 149.28	35.69
10 21 13 14-0075	EA	22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	561.67 62.23 169.52	38.67
10 21 13 14-0076	EA	24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	596.30 62.23 179.55	41.64
<b>10 21 13 14-0077</b>		<b>96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)</b>		



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Compartments and Cubicles</b>	<b>10 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 14-0078	EA	Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	355.80 62.23 107.87	23.79
10 21	13 14-0079	EA	5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	389.93 62.23 117.74	26.77
10 21	13 14-0080	EA	6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	422.29 62.23 126.98	29.74
10 21	13 14-0081	EA	8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	484.60 62.23 146.71	32.72
10 21	13 14-0082	EA	10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	545.15 62.23 165.82	35.69
10 21	13 14-0083	EA	12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	605.70 62.23 184.93	38.67
10 21	13 14-0084	EA	18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	778.97 62.23 243.49	41.64
10 21	13 14-0085	EA	22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	894.11 62.23 281.70	44.62
10 21	13 14-0086	EA	24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	956.42 62.23 301.43	47.59

**10 21 13 16 Plastic-Laminate-Clad Toilet Compartments (10 21 13)**

10 21 13 16-0001	<b>Laminated Plastic Toilet Partitions And Urinal Screens (10 21 13 16)</b>				
	Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high-pressure decorative plastic laminate bonded to a solid industrial-grade particleboard.				
10 21 13 16-0002	<b>Laminated Plastic Toilet Partitions (10 21 13 16-0001)</b>				
	Note: Includes all standard Bobrick colors.				
10 21 13 16-0003	<b>Floor Anchored, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)</b>				
10 21 13 16-0004	EA	36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,362.75	133.84	
		<i>For &gt;10, Deduct</i>	-109.51		
		<i>For Cast Stainless Steel Hardware, Add</i>	180.41		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0005	EA	60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,666.92	145.75	
		<i>For Cast Stainless Steel Hardware, Add</i>	180.43		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0006	EA	60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,793.97	151.70	
		<i>For Cast Stainless Steel Hardware, Add</i>	180.44		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0007	<b>Overhead Braced, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)</b>				
	Note: Includes head rail.				
10 21 13 16-0008	EA	36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,475.70	163.60	
		<i>For &gt;10, Deduct</i>	-114.85		
		<i>For Cast Stainless Steel Hardware, Add</i>	180.45		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0009	EA	60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,793.23	175.49	
		<i>For Cast Stainless Steel Hardware, Add</i>	180.47		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0010	EA	60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,930.29	181.44	
		<i>For Cast Stainless Steel Hardware, Add</i>	180.47		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0011	<b>Ceiling Hung, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)</b>				
	Note: Excludes above ceiling steel.				
10 21 13 16-0012	EA	36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition	1,973.20	223.08	
		<i>For &gt;10, Deduct</i>	-152.71		
		<i>For Cast Stainless Steel Hardware, Add</i>	180.53		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		
10 21 13 16-0013	EA	60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	2,301.01	234.98	
		<i>For Cast Stainless Steel Hardware, Add</i>	180.54		
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59		

**10 Specialties****10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0014	EA		60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,428.05 180.55 224.59	240.93
<b>10 21 13 16-0015</b>			<b>Laminated Plastic Urinal Screens</b> (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
<b>10 21 13 16-0016</b>			<b>Floor Anchored, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21 13 16-0017	EA		24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	574.90 62.23	83.26
10 21 13 16-0018	EA		36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	626.86 62.23	89.20
10 21 13 16-0019	EA		48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	646.61 62.23	95.15
<b>10 21 13 16-0020</b>			<b>Wall Hung, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21 13 16-0021	EA		18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	446.70 62.23	71.35
10 21 13 16-0022	EA		24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	470.05 62.23	77.31
10 21 13 16-0023	EA		30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	492.33 62.23	83.26
<b>10 21 13 16-0024</b>			<b>Wall Hung And Post Supported, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21 13 16-0025	EA		18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	592.50 62.23	77.31
10 21 13 16-0026	EA		24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	650.06 62.23	83.26
10 21 13 16-0027	EA		30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	712.43 62.23	89.20
<b>10 21 13 16-0028</b>			<b>Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens</b> (10 21 13 16-0015)		
10 21 13 16-0029	EA		24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	547.02 62.23	77.31
10 21 13 16-0030	EA		36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	600.11 62.23	83.26
10 21 13 16-0031	EA		48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	619.21 62.23	89.20
<b>10 21 13 16-0032</b>			<b>Laminated Plastic Toilet Partition Doors, Panels And Pilasters</b> (10 21 13 16-0001) Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories.		
<b>10 21 13 16-0033</b>			<b>Laminated Plastic, Toilet Partition Doors</b> (10 21 13 16-0032)		
10 21 13 16-0034	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	452.42 100.14	23.79
10 21 13 16-0035	EA		26" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	491.76 100.14	23.79
10 21 13 16-0036	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	508.44 100.14	26.77
10 21 13 16-0037	EA		34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	520.60 100.14	26.77
10 21 13 16-0038	EA		36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	532.04 100.14	26.77
<b>10 21 13 16-0039</b>			<b>Laminated Plastic, Toilet Partition Panels</b> (10 21 13 16-0032)		
10 21 13 16-0040	EA		6" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	230.82 62.23	35.69
10 21 13 16-0041	EA		12" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	255.32 62.23	38.67
10 21 13 16-0042	EA		18" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	279.81 62.23	41.64
10 21 13 16-0043	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	305.25 62.23	44.62
10 21 13 16-0044	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	328.79 62.23	47.59
10 21 13 16-0045	EA		36" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	354.33 62.23	50.57
10 21 13 16-0046	EA		42" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	362.45 62.23	53.54
10 21 13 16-0047	EA		48" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	371.95 62.23	56.52
10 21 13 16-0048	EA		55" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	391.52 62.23	59.48
10 21 13 16-0049	EA		58" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	407.79 62.23	60.68



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0050	EA		60" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	426.05 62.23	62.46
10 21 13 16-0051	EA		70" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	485.64 62.23	65.43
10 21 13 16-0052	EA		78" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	553.10 62.23	68.41
<b>10 21 13 16-0053</b>			<b>69" Long, Laminated Plastic, Toilet Partition Pilasters</b> <small>(10 21 13 16-0032)</small>		
10 21 13 16-0054	EA		Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	188.04 12.57 62.23 152.35	17.85
10 21 13 16-0055	EA		5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	216.88 14.46 62.23 175.24	20.82
10 21 13 16-0056	EA		6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	222.83 14.46 62.23 175.24	23.79
10 21 13 16-0057	EA		8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	245.94 15.87 62.23 192.40	26.77
10 21 13 16-0058	EA		10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	256.89 16.29 62.23 197.41	29.74
10 21 13 16-0059	EA		12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	279.29 17.64 62.23 213.86	32.72
10 21 13 16-0060	EA		18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	355.33 23.43 62.23 283.95	35.69
10 21 13 16-0061	EA		22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	429.96 29.09 62.23 352.62	38.67
10 21 13 16-0062	EA		24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	482.40 32.93 62.23 399.11	41.64
<b>10 21 13 16-0063</b>			<b>83" Long, Laminated Plastic, Toilet Partition Pilasters</b> <small>(10 21 13 16-0032)</small>		
10 21 13 16-0064	EA		Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	368.28 27.44 62.23 332.59	17.85
10 21 13 16-0065	EA		5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	407.13 30.15 62.23 365.49	20.82
10 21 13 16-0066	EA		6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	413.08 30.15 62.23 365.49	23.79
10 21 13 16-0067	EA		8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	446.93 32.45 62.23 393.99	26.77
10 21 13 16-0068	EA		10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	487.91 35.35 62.23 428.43	29.74
10 21 13 16-0069	EA		12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	521.04 37.59 62.23 455.61	32.72
10 21 13 16-0070	EA		18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	648.24 47.59 62.23 576.86	35.69
10 21 13 16-0071	EA		22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	738.23 54.52 62.23 660.89	38.67
10 21 13 16-0072	EA		24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	757.77 55.64 62.23 674.48	41.64

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**10 21 13 19 Plastic Toilet Compartments** (10 21 13)

10 21 13 19-0001	Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0002	Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003	Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0002)</small> Note: Includes head rail.		
10 21 13 19-0004	EA 36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition .....	1,989.25	163.60
	<i>For &gt;10, Deduct</i> .....	-166.21	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,030.48	
10 21 13 19-0005	EA 60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,450.79	175.49
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,301.88	
10 21 13 19-0006	EA 60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,716.75	181.44
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,459.40	
10 21 13 19-0007	Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0002)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0008	EA 36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	1,985.79	193.34
	<i>For &gt;10, Deduct</i> .....	-159.91	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	991.45	
10 21 13 19-0009	EA 60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,487.97	205.24
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,288.05	
10 21 13 19-0010	EA 60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,753.94	211.18
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,445.57	
10 21 13 19-0011	Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0002)</small> Note: Excludes above ceiling steel.		
10 21 13 19-0012	EA 36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition.....	2,081.53	223.08
	<i>For &gt;10, Deduct</i> .....	-163.54	
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,013.93	
10 21 13 19-0013	EA 60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,471.82	234.98
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,241.15	
10 21 13 19-0014	EA 60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,737.78	240.93
	<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> .....	224.59	
	<i>For NFPA Class A, Add</i> .....	1,398.68	
10 21 13 19-0015	Recycled Solid Plastic (HDPE) Urinal Screens <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016	Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0017	EA 18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen .....	461.13	71.35
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i> .....	62.23	
	<i>For NFPA Class A, Add</i> .....	197.41	
10 21 13 19-0018	EA 24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen .....	485.57	77.31
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i> .....	62.23	
	<i>For NFPA Class A, Add</i> .....	205.19	
10 21 13 19-0019	Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0020	EA 18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen .....	587.41	77.31
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i> .....	62.23	
	<i>For NFPA Class A, Add</i> .....	268.34	
10 21 13 19-0021	EA 24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen .....	743.54	83.26
	<i>For Heavy Gauge Full-Height SS Brackets, Add</i> .....	62.23	
	<i>For NFPA Class A, Add</i> .....	357.76	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0022	EA	30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	826.47 62.23 401.81	89.20
10 21	13 19-0023		<b>Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens</b> <small>(10 21 13 19-0015)</small>		
10 21	13 19-0024	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	599.30 62.23 268.34	83.26
10 21	13 19-0025	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	755.43 62.23 357.76	89.20
10 21	13 19-0026	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	897.28 62.23 438.33	95.15
10 21	13 19-0027		<b>Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0001)</small> Note: Includes all standard Columbia Partitions colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21	13 19-0028		<b>Recycled Solid Plastic (HDPE), Toilet Partition Doors</b> <small>(10 21 13 19-0027)</small>		
10 21	13 19-0029	EA	24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	475.40 100.14 265.24	23.79
10 21	13 19-0030	EA	26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	514.33 100.14 289.38	23.79
10 21	13 19-0031	EA	30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	558.92 100.14 313.34	26.77
10 21	13 19-0032	EA	34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	637.71 100.14 362.19	26.77
10 21	13 19-0033	EA	36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door ..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	656.36 100.14 373.75	26.77
10 21	13 19-0034		<b>Recycled Solid Plastic (HDPE), Toilet Partition Panels</b> <small>(10 21 13 19-0027)</small>		
10 21	13 19-0035	EA	6" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	166.20 62.23 58.79	35.69
10 21	13 19-0036	EA	12" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	266.99 62.23 117.58	38.67
10 21	13 19-0037	EA	18" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	367.74 62.23 176.36	41.64
10 21	13 19-0038	EA	24" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	429.62 62.23 211.04	44.62
10 21	13 19-0039	EA	30" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	520.67 62.23 263.80	47.59
10 21	13 19-0040	EA	36" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	556.38 62.23 282.26	50.57
10 21	13 19-0041	EA	42" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	624.86 62.23 321.02	53.54
10 21	13 19-0042	EA	48" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	704.77 62.23 366.88	56.52
10 21	13 19-0043	EA	55" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	769.94 62.23 403.60	59.48
10 21	13 19-0044	EA	58" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	786.66 62.23 412.49	60.68
10 21	13 19-0045	EA	60" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	813.18 62.23 426.72	62.46
10 21	13 19-0046	EA	70" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	919.52 62.23 488.96	65.43
10 21	13 19-0047	EA	78" x 55" x 1", Recycled Solid Plastic, High-Density Polyethylene (HDPE), Toilet Partition Panel ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	991.20 62.23 529.72	68.41
10 21	13 19-0048		<b>82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0027)</small>		



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0049	EA		Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	218.35 62.23 113.25	17.85
10 21 13 19-0050	EA		5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	242.61 62.23 124.60	20.82
10 21 13 19-0051	EA		6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	263.67 62.23 133.97	23.79
10 21 13 19-0052	EA		8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	283.13 62.23 142.35	26.77
10 21 13 19-0053	EA		10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	317.91 62.23 160.23	29.74
10 21 13 19-0054	EA		12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	352.68 62.23 178.10	32.72
10 21 13 19-0055	EA		18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	485.15 62.23 256.54	35.69
10 21 13 19-0056	EA		22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	548.64 62.23 292.21	38.67
10 21 13 19-0057	EA		24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	597.43 62.23 318.77	41.64
10 21 13 19-0058			<b>96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0027)</small>		
10 21 13 19-0059	EA		Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	266.36 62.23 135.64	23.79
10 21 13 19-0060	EA		5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	293.14 62.23 148.55	26.77
10 21 13 19-0061	EA		6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	322.84 62.23 163.28	29.74
10 21 13 19-0062	EA		8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	365.91 62.23 186.30	32.72
10 21 13 19-0063	EA		10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	409.40 62.23 209.57	35.69
10 21 13 19-0064	EA		12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	452.48 62.23 232.59	38.67
10 21 13 19-0065	EA		18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	580.80 62.23 308.46	41.64
10 21 13 19-0066	EA		22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	650.08 62.23 347.72	44.62
10 21 13 19-0067	EA		24 x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	707.01 62.23 379.33	47.59
10 21 13 19-0068			<b>Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high-density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069			<b>Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions</b> <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070			<b>Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> <small>(10 21 13 19-0069)</small> Note: Includes head rail.		
10 21 13 19-0071	EA		36" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete Toilet Partition <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,570.98 -224.38 224.59 1,391.16	163.60
10 21 13 19-0072	EA		60" x 60", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,185.73 224.59 1,757.55	175.49



<b>Specialties</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>
<b>Compartments and Cubicles</b>	<b>10 21</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0073	EA	60" x 78", Overhead Braced, Anti-microbial Solid Plastic, High-Density Polyethylene (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,540.63 224.59 1,970.21	181.44
10 21	13 19-0074		<b>Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> (10 21 13 19-0069) Note: Excludes above ceiling steel.		
10 21	13 19-0075	EA	36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,545.48 -215.88 224.59 1,338.46	193.34
10 21	13 19-0076	EA	60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,215.09 224.59 1,738.86	205.24
10 21	13 19-0077	EA	60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,569.98 224.59 1,951.52	211.18
10 21	13 19-0078		<b>Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions</b> (10 21 13 19-0069) Note: Excludes above ceiling steel.		
10 21	13 19-0079	EA	36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,653.92 -220.78 224.59 1,368.81	223.08
10 21	13 19-0080	EA	60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,172.46 224.59 1,675.55	234.98
10 21	13 19-0081	EA	60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,527.34 224.59 1,888.20	240.93
10 21	13 19-0082		<b>Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens</b> (10 21 13 19-0069) Note: Includes all standard Columbia Partitions colors.		
10 21	13 19-0083		<b>Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens</b> (10 21 13 19-0082)		
10 21	13 19-0084	EA	18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	572.56 62.23 266.50	71.35
10 21	13 19-0085	EA	24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	597.31 62.23 274.47	77.31
10 21	13 19-0086		<b>Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens</b> (10 21 13 19-0082)		
10 21	13 19-0087	EA	18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	933.61 62.23 482.98	77.31
10 21	13 19-0088	EA	24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,062.67 62.23 555.63	83.26
10 21	13 19-0089	EA	30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,132.83 62.23 591.75	89.20
10 21	13 19-0090		<b>Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens</b> (10 21 13 19-0082)		
10 21	13 19-0091	EA	24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	750.75 62.23 362.24	83.26
10 21	13 19-0092	EA	36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	957.39 62.23 482.98	89.20
10 21	13 19-0093	EA	48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,144.73 62.23 591.75	95.15

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

10 21 13 19-0094	<b>Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0068)</small> Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0095	<b>Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0096	EA 24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door For Heavy Gauge Full-Height SS Hinge, Add For NFPA Class A, Add	625.12 100.14 358.07	23.79
10 21 13 19-0097	EA 26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door For Heavy Gauge Full-Height SS Hinge, Add For NFPA Class A, Add	677.70 100.14 390.67	23.79
10 21 13 19-0098	EA 30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door For Heavy Gauge Full-Height SS Hinge, Add For NFPA Class A, Add	735.80 100.14 423.00	26.77
10 21 13 19-0099	EA 34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door For Heavy Gauge Full-Height SS Hinge, Add For NFPA Class A, Add	842.18 100.14 488.96	26.77
10 21 13 19-0100	EA 36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door For Heavy Gauge Full-Height SS Hinge, Add For NFPA Class A, Add	867.34 100.14 504.56	26.77
10 21 13 19-0101	<b>Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0102	EA 6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	199.38 62.23 79.36	35.69
10 21 13 19-0103	EA 12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	333.36 62.23 158.73	38.67
10 21 13 19-0104	EA 18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	467.31 62.23 238.09	41.64
10 21 13 19-0105	EA 24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	548.74 62.23 284.89	44.62
10 21 13 19-0106	EA 30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	669.58 62.23 356.12	47.59
10 21 13 19-0107	EA 36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	715.70 62.23 381.03	50.57
10 21 13 19-0108	EA 42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	806.08 62.23 433.38	53.54
10 21 13 19-0109	EA 48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	911.89 62.23 495.29	56.52
10 21 13 19-0110	EA 55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	997.78 62.23 544.86	59.48
10 21 13 19-0111	EA 58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	1,019.51 62.23 556.86	60.68
10 21 13 19-0112	EA 60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	1,054.05 62.23 576.05	62.46
10 21 13 19-0113	EA 70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	1,195.56 62.23 660.10	65.43
10 21 13 19-0114	EA 78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	1,290.22 62.23 715.11	68.41
10 21 13 19-0115	<b>82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0094)</small>		
10 21 13 19-0116	EA Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	282.28 62.23 152.89	17.85
10 21 13 19-0117	EA 5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	312.95 62.23 168.21	20.82
10 21 13 19-0118	EA 6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	339.30 62.23 180.86	23.79
10 21 13 19-0119	EA 8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	391.66 62.23 209.63	26.77
10 21 13 19-0120	EA 10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster For Heavy Gauge Full-Height SS Brackets, Add For NFPA Class A, Add	440.09 62.23 235.98	29.74



	<b>Specialties</b>	<b>10</b>
	Interior Specialties	10 20
	Compartments and Cubicles	10 21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0121	EA	12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	488.47 62.23 262.28	32.72
10 21	13 19-0122	EA	18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	629.96 62.23 346.32	35.69
10 21	13 19-0123	EA	22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	713.60 62.23 394.48	38.67
10 21	13 19-0124	EA	24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	777.37 62.23 430.33	41.64
10 21	13 19-0125		<b>96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters</b> <small>(10 21 13 19-0094)</small>		
10 21	13 19-0126	EA	Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	342.93 62.23 183.11	23.79
10 21	13 19-0127	EA	5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	377.00 62.23 200.55	26.77
10 21	13 19-0128	EA	6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	415.03 62.23 220.44	29.74
10 21	13 19-0129	EA	8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	471.10 62.23 251.52	32.72
10 21	13 19-0130	EA	10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	527.72 62.23 282.93	35.69
10 21	13 19-0131	EA	12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	583.77 62.23 313.99	38.67
10 21	13 19-0132	EA	18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	754.95 62.23 416.43	41.64
10 21	13 19-0133	EA	22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	846.37 62.23 469.42	44.62
10 21	13 19-0134	EA	24" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster ..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	921.14 62.23 512.09	47.59
10 21	13 19-0135		<b>Solid Phenolic Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21	13 19-0136		<b>Solid Phenolic Toilet Partitions</b> <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors.		
10 21	13 19-0137		<b>Floor Anchored, Solid Phenolic, Complete Toilet Partitions</b> <small>(10 21 13 19-0136)</small>		
10 21	13 19-0138	EA	36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,069.41 -180.17 224.59 391.74	133.84
10 21	13 19-0139	EA	60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,542.38 224.59 487.26	145.75
10 21	13 19-0140	EA	60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,838.95 224.59 547.64	151.70
10 21	13 19-0141		<b>Overhead Braced, Solid Phenolic, Complete Toilet Partitions</b> <small>(10 21 13 19-0136)</small> Note: Includes head rail.		
10 21	13 19-0142	EA	36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For &gt;10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,297.32 -197.01 224.59 430.09	163.60
10 21	13 19-0143	EA	60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,789.10 224.59 529.55	175.49
10 21	13 19-0144	EA	60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,100.00 224.59 592.94	181.44

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 19-0145		<b>Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions</b> <small>(10 21 13 19-0136)</small>		
		<small>Note: Excludes above ceiling steel.</small>		
10 21 13 19-0146	EA	36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition .....	2,372.21	193.34
		<i>For &gt;10, Deduct</i>	-198.55	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	436.30	
10 21 13 19-0147	EA	60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,860.49	205.24
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	535.03	
10 21 13 19-0148	EA	60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,157.06	211.18
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	595.40	
10 21 13 19-0149		<b>Ceiling Hung, Solid Phenolic, Complete Toilet Partitions</b> <small>(10 21 13 19-0136)</small>		
		<small>Note: Excludes above ceiling steel.</small>		
10 21 13 19-0150	EA	36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition.....	2,339.80	223.08
		<i>For &gt;10, Deduct</i>	-189.36	
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	419.97	
10 21 13 19-0151	EA	60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	2,812.43	234.98
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	515.42	
10 21 13 19-0152	EA	60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition .....	3,108.99	240.93
		<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	224.59	
		<i>For NFPA Class A, Add</i>	575.79	
10 21 13 19-0153		<b>Solid Phenolic Urinal Screens</b> <small>(10 21 13 19-0135)</small>		
		<small>Note: Includes all standard Bobrick colors.</small>		
10 21 13 19-0154		<b>Floor Anchored, Solid Phenolic, Urinal Screens</b> <small>(10 21 13 19-0153)</small>		
10 21 13 19-0155	EA	24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	753.72	83.26
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	131.64	
10 21 13 19-0156	EA	36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	852.16	89.20
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	150.41	
10 21 13 19-0157	EA	48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen.....	1,022.13	95.15
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	184.20	
10 21 13 19-0158		<b>Wall Hung, Solid Phenolic, Urinal Screens</b> <small>(10 21 13 19-0153)</small>		
10 21 13 19-0159	EA	18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	481.75	71.35
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	78.33	
10 21 13 19-0160	EA	24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	558.01	77.31
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	92.44	
10 21 13 19-0161	EA	30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen.....	670.84	83.26
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	114.24	
10 21 13 19-0162		<b>Wall Hung And Post Supported, Solid Phenolic, Urinal Screens</b> <small>(10 21 13 19-0153)</small>		
10 21 13 19-0163	EA	18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	489.23	77.31
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	78.00	
10 21 13 19-0164	EA	24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	612.64	83.26
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	102.01	
10 21 13 19-0165	EA	30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen.....	716.26	89.20
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	121.87	
10 21 13 19-0166		<b>Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens</b> <small>(10 21 13 19-0153)</small>		
10 21 13 19-0167	EA	22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen .....	775.68	77.31
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	138.16	
10 21 13 19-0168	EA	36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen .....	874.71	83.26
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	157.05	
10 21 13 19-0169	EA	48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen .....	1,047.91	89.20
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23	
		<i>For NFPA Class A, Add</i>	191.52	





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0170 <b>Solid Phenolic Toilet Partition Doors, Panels And Pilasters</b> <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
10 21 13 19-0171 <b>Solid Phenolic, Toilet Partition Doors</b> <small>(10 21 13 19-0170)</small>		
10 21 13 19-0172    EA    24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... For Heavy Gauge Full-Height SS Hinge, Add ..... For NFPA Class A, Add .....	561.14 100.14 110.23	23.79
10 21 13 19-0173    EA    26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... For Heavy Gauge Full-Height SS Hinge, Add ..... For NFPA Class A, Add .....	580.45 100.14 114.28	23.79
10 21 13 19-0174    EA    30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door ..... For Heavy Gauge Full-Height SS Hinge, Add ..... For NFPA Class A, Add .....	635.95 100.14 124.98	26.77
10 21 13 19-0175    EA    34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door ..... For Heavy Gauge Full-Height SS Hinge, Add ..... For NFPA Class A, Add .....	686.31 100.14 135.56	26.77
10 21 13 19-0176    EA    36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door ..... For Heavy Gauge Full-Height SS Hinge, Add ..... For NFPA Class A, Add .....	738.03 100.14 146.42	26.77
10 21 13 19-0177 <b>Solid Phenolic, Toilet Partition Panels</b> <small>(10 21 13 19-0170)</small>		
10 21 13 19-0178    EA    6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	178.41 62.23 26.05	35.69
10 21 13 19-0179    EA    12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	237.84 62.23 37.57	38.67
10 21 13 19-0180    EA    18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	324.01 62.23 54.72	41.64
10 21 13 19-0181    EA    24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	411.10 62.23 72.05	44.62
10 21 13 19-0182    EA    30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	458.42 62.23 81.04	47.59
10 21 13 19-0183    EA    36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	508.11 62.23 90.52	50.57
10 21 13 19-0184    EA    42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	592.91 62.23 107.38	53.54
10 21 13 19-0185    EA    48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	680.22 62.23 124.76	56.52
10 21 13 19-0186    EA    55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	725.51 62.23 133.32	59.48
10 21 13 19-0187    EA    58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	745.76 62.23 137.19	60.68
10 21 13 19-0188    EA    60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	760.07 62.23 139.63	62.46
10 21 13 19-0189    EA    70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	874.74 62.23 162.75	65.43
10 21 13 19-0190    EA    78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	1,056.63 62.23 200.00	68.41
10 21 13 19-0191 <b>69" Long, Solid Phenolic, Toilet Partition Pilasters</b> <small>(10 21 13 19-0170)</small>		
10 21 13 19-0192    EA    Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... For 1" Pilaster, Add ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	266.72 28.88 62.23 50.30	17.85
10 21 13 19-0193    EA    5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... For 1" Pilaster, Add ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	307.00 33.17 62.23 57.81	20.82
10 21 13 19-0194    EA    6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... For 1" Pilaster, Add ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	312.95 33.17 62.23 58.11	23.79
10 21 13 19-0195    EA    8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... For 1" Pilaster, Add ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	362.53 38.62 62.23 67.56	26.77
10 21 13 19-0196    EA    10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster ..... For 1" Pilaster, Add ..... For Heavy Gauge Full-Height SS Brackets, Add ..... For NFPA Class A, Add .....	407.81 43.54 62.23 76.12	29.74



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 21 13 19-0197	EA	12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	453.10		32.72
		<i>For 1" Pilaster, Add</i>	48.46		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	84.68		
10 21 13 19-0198	EA	16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	579.92		35.69
		<i>For 1" Pilaster, Add</i>	63.57		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	110.36		
10 21 13 19-0199	EA	20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	712.48		38.67
		<i>For 1" Pilaster, Add</i>	79.39		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	137.25		
10 21 13 19-0200	EA	24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	748.47		41.64
		<i>For 1" Pilaster, Add</i>	83.15		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	143.85		
<b>10 21 13 19-0201</b>		<b>83" Long, Solid Phenolic, Toilet Partition Pilasters</b> <small>(10 21 13 19-0170)</small>			
10 21 13 19-0202	EA	Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	292.46		17.85
		<i>For 1" Pilaster, Add</i>	32.10		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	55.71		
10 21 13 19-0203	EA	5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	342.76		20.82
		<i>For 1" Pilaster, Add</i>	37.64		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	65.32		
10 21 13 19-0204	EA	6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	348.71		23.79
		<i>For 1" Pilaster, Add</i>	37.64		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	65.61		
10 21 13 19-0205	EA	8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	404.01		26.77
		<i>For 1" Pilaster, Add</i>	43.81		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	76.28		
10 21 13 19-0206	EA	10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	456.44		29.74
		<i>For 1" Pilaster, Add</i>	49.62		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	86.34		
10 21 13 19-0207	EA	12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	509.26		32.72
		<i>For 1" Pilaster, Add</i>	55.48		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	96.48		
10 21 13 19-0208	EA	16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	663.61		35.69
		<i>For 1" Pilaster, Add</i>	74.03		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	127.94		
10 21 13 19-0209	EA	20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	790.82		38.67
		<i>For 1" Pilaster, Add</i>	89.19		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	153.70		
10 21 13 19-0210	EA	24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	831.81		41.64
		<i>For 1" Pilaster, Add</i>	93.57		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	161.35		
<b>10 21 13 19-0211</b>		<b>96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters</b> <small>(10 21 13 19-0170)</small>			
10 21 13 19-0212	EA	Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	330.11		23.79
		<i>For 1" Pilaster, Add</i>	35.32		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	61.71		
10 21 13 19-0213	EA	5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	390.42		26.77
		<i>For 1" Pilaster, Add</i>	42.11		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	73.42		
10 21 13 19-0214	EA	6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	396.36		29.74
		<i>For 1" Pilaster, Add</i>	42.11		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	73.72		
10 21 13 19-0215	EA	8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	457.39		32.72
		<i>For 1" Pilaster, Add</i>	49.00		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	85.58		
10 21 13 19-0216	EA	10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	516.98		35.69
		<i>For 1" Pilaster, Add</i>	55.70		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	97.15		
10 21 13 19-0217	EA	12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster .....	577.30		38.67
		<i>For 1" Pilaster, Add</i>	62.50		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	62.23		
		<i>For NFPA Class A, Add</i>	108.86		



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Compartments and Cubicles</b>	<b>10 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13	19-0218	EA	16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	759.20 84.49 62.23 146.11	41.64
10 21 13	19-0219	EA	20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	881.02 98.97 62.23 170.74	44.62
10 21 13	19-0220	EA	24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster..... <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	927.03 103.98 62.23 179.45	47.59
10 21 13	19-0221		<b>Solid Polyester (Corian) Toilet Partitions And Urinal Screens</b> <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21 13	19-0222		<b>Solid Polyester (Corian) Toilet Partitions</b> <small>(10 21 13 19-0221)</small> Note: Small particulate finish.		
10 21 13	19-0223		<b>Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
10 21 13	19-0224	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,091.77 -482.41 -1,109.54 224.59	133.84
10 21 13	19-0225	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,152.91 -1,348.13 224.59	145.75
10 21 13	19-0226	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,825.76 -1,500.15 224.59	151.70
10 21 13	19-0227		<b>Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small>		
10 21 13	19-0228	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,282.65 -495.55 -1,139.76 224.59	163.60
10 21 13	19-0229	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,949.80 -1,517.73 224.59	175.49
10 21 13	19-0230	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,696.66 -1,686.77 224.59	181.44
10 21 13	19-0231		<b>Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small> Note: Excludes above ceiling steel.		
10 21 13	19-0232	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,915.31 -552.86 -1,271.58 224.59	193.34
10 21 13	19-0233	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,957.64 -1,735.85 224.59	205.24
10 21 13	19-0234	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	8,703.92 -1,904.76 224.59	211.18
10 21 13	19-0235		<b>Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions</b> <small>(10 21 13 19-0222)</small> Note: Excludes above ceiling steel.		
10 21 13	19-0236	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition ..... <i>For &gt;10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,967.69 -552.16 -1,269.96 224.59	223.08
10 21 13	19-0237	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition ..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,635.46 -1,648.06 224.59	234.98

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0238	EA		60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	8,381.71 -1,816.97 224.59	240.93
<b>10 21 13 19-0239</b>			<b>Solid Polyester (Corian) Urinal Screens</b> (10 21 13 19-0221)		
<b>10 21 13 19-0240</b>			<b>Floor Anchored, Solid Polyester (Corian), Urinal Screens</b> (10 21 13 19-0239)		
10 21 13 19-0241	EA		24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,393.56 -282.22 62.23	83.26
10 21 13 19-0242	EA		36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,846.09 -383.57 62.23	89.20
10 21 13 19-0243	EA		48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,298.63 -484.92 62.23	95.15
<b>10 21 13 19-0244</b>			<b>Wall Hung, Solid Polyester (Corian), Urinal Screens</b> (10 21 13 19-0239)		
10 21 13 19-0245	EA		18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	706.31 -129.63 62.23	71.35
10 21 13 19-0246	EA		24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	906.05 -172.83 62.23	77.31
10 21 13 19-0247	EA		30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,105.81 -216.04 62.23	83.26
<b>10 21 13 19-0248</b>			<b>Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens</b> (10 21 13 19-0239)		
10 21 13 19-0249	EA		18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	927.68 -177.81 62.23	77.31
10 21 13 19-0250	EA		24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,159.91 -228.48 62.23	83.26
10 21 13 19-0251	EA		30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,392.10 -279.15 62.23	89.20
<b>10 21 13 19-0252</b>			<b>Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens</b> (10 21 13 19-0239)		
10 21 13 19-0253	EA		22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,429.69 -293.27 62.23	77.31
10 21 13 19-0254	EA		34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,882.22 -394.62 62.23	83.26
10 21 13 19-0255	EA		46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,334.76 -495.97 62.23	89.20
<b>10 21 13 19-0256</b>			<b>Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters</b> (10 21 13 19-0221) See CSI section 10 21 13 43-0000 for accessories, 10 21 13 43-0001 for other accessories.		
<b>10 21 13 19-0257</b>			<b>Solid Polyester (Corian), Toilet Partition Doors</b> (10 21 13 19-0256)		
10 21 13 19-0258	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,112.45 -244.92 100.14	23.79
10 21 13 19-0259	EA		26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,188.56 -262.42 100.14	23.79
10 21 13 19-0260	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,355.48 -299.45 100.14	26.77
10 21 13 19-0261	EA		34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,512.53 -335.57 100.14	26.77
10 21 13 19-0262	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,580.87 -351.29 100.14	26.77
<b>10 21 13 19-0263</b>			<b>Solid Polyester (Corian), Toilet Partition Panels</b> (10 21 13 19-0256)		
10 21 13 19-0264	EA		6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	291.69 -50.67 62.23	35.69



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Compartments and Cubicles</b>	<b>10 21</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0265	EA		12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	517.98 -101.35 62.23	38.67
10 21 13 19-0266	EA		18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	744.24 -152.02 62.23	41.64
10 21 13 19-0267	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	970.52 -202.69 62.23	44.62
10 21 13 19-0268	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,196.78 -253.37 62.23	47.59
10 21 13 19-0269	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,423.03 -304.04 62.23	50.57
10 21 13 19-0270	EA		42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,649.31 -354.71 62.23	53.54
10 21 13 19-0271	EA		48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,875.57 -405.38 62.23	56.52
10 21 13 19-0272	EA		55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,138.56 -464.50 62.23	59.48
10 21 13 19-0273	EA		58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,251.11 -489.84 62.23	60.68
10 21 13 19-0274	EA		60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,328.11 -506.73 62.23	62.46
10 21 13 19-0275	EA		70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,701.25 -591.19 62.23	65.43
10 21 13 19-0276	EA		78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	3,000.95 -658.75 62.23	68.41
10 21 13 19-0277			<b>72" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0256)</b>		
10 21 13 19-0278	EA		Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	381.47 -79.53 62.23	17.85
10 21 13 19-0279	EA		5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	473.86 -99.41 62.23	20.82
10 21 13 19-0280	EA		6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	566.25 -119.29 62.23	23.79
10 21 13 19-0281	EA		8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	745.12 -159.06 62.23	26.77
10 21 13 19-0282	EA		10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	923.95 -198.83 62.23	29.74
10 21 13 19-0283	EA		12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,102.78 -238.59 62.23	32.72
10 21 13 19-0284	EA		18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,627.40 -357.88 62.23	35.69
10 21 13 19-0285	EA		22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,979.16 -437.42 62.23	38.67
10 21 13 19-0286	EA		24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,158.00 -477.18 62.23	41.64
10 21 13 19-0287			<b>82" Long, Solid Polyester (Corian), Toilet Partition Pilasters (10 21 13 19-0256)</b>		
10 21 13 19-0288	EA		Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.49 -90.57 62.23	17.85
10 21 13 19-0289	EA		5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	533.91 -113.22 62.23	20.82
10 21 13 19-0290	EA		6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	627.05 -133.28 62.23	23.79
10 21 13 19-0291	EA		8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	856.17 -184.60 62.23	26.77
10 21 13 19-0292	EA		10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,044.00 -226.44 62.23	29.74

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 21</b>	<b>Compartments and Cubicles</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 21 13 19-0293	EA	12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,246.85 -271.73 62.23		32.72
10 21 13 19-0294	EA	18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,843.52 -407.59 62.23		35.69
10 21 13 19-0295	EA	22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,243.30 -498.17 62.23		38.67
10 21 13 19-0296	EA	24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,446.15 -543.46 62.23		41.64
<b>10 21 13 19-0297</b>		<b>96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters</b> <small>(10 21 13 19-0256)</small>			
10 21 13 19-0298	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	566.25 -119.29 62.23		23.79
10 21 13 19-0299	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	701.88 -149.12 62.23		26.77
10 21 13 19-0300	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	837.50 -178.94 62.23		29.74
10 21 13 19-0301	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,102.78 -238.59 62.23		32.72
10 21 13 19-0302	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,368.07 -298.24 62.23		35.69
10 21 13 19-0303	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,633.36 -357.88 62.23		38.67
10 21 13 19-0304	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,417.33 -536.83 62.23		41.64
10 21 13 19-0305	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,941.97 -656.13 62.23		44.62
10 21 13 19-0306	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	3,207.25 -715.77 62.23		47.59
<b>10 21 13 43</b>		<b>Compartments and Cubicles Common Accessories</b> <small>(10 21 13)</small>			
<b>10 21 13 43-0001</b>		<b>Accessories</b> <small>(10 21 13 43)</small>			
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens			2.38
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens			2.38
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts	118.67		
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket	75.37		
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket	125.51		
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket	91.11		
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket	220.27		
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors	195.02		
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge	149.12		
<b>10 21 16</b>		<b>Shower and Dressing Compartments</b> <small>(10 21)</small>			
<b>10 21 16 17</b>		<b>Phenolic-Core Shower and Dressing Compartments</b> <small>(10 21 16)</small>			
<b>10 21 16 17-0001</b>		<b>Shower Dividers</b> <small>(10 21 16 17)</small>			
<b>10 21 16 17-0002</b>		<b>Solid Phenolic Core Laminated Plastic, Shower Dividers</b> <small>(10 21 16 17-0001)</small>			
Note: Cut to height in field. panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.					
10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider <i>For 66" High Panels, Add</i>	1,303.10 150.85		148.72
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider <i>For 66" High Panels, Add</i>	1,662.13 201.13		160.62
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider <i>For 66" High Panels, Add</i>	2,176.71 272.96		178.46
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider <i>For 66" High Panels, Add</i>	2,571.39 323.25		208.21
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider <i>For 66" High Panels, Add</i>	2,966.11 373.53		237.96





<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

10 21 16 17-0008	<b>Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track</b> <small>(10 21 16 17-0001)</small>		
	Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Head rail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in head rail.		
10 21 16 17-0009	EA 18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track .....	3,236.41	261.39
	For 66" High Panels, Add	459.32	
	For 6" Wide Head Rail, Add	86.64	
	For 8" Wide Head Rail, Add	119.00	
	For 10" Wide Head Rail, Add	146.14	
	For 12" Wide Head Rail, Add	175.89	
	For 18" Wide, 1/2" Thick Bench, Add	137.28	
	For 24" Wide, 1/2" Thick Bench, Add	177.28	
10 21 16 17-0010	EA 24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track .....	4,029.49	285.42
	For 66" High Panels, Add	575.88	
	For 6" Wide Head Rail, Add	109.47	
	For 8" Wide Head Rail, Add	149.76	
	For 10" Wide Head Rail, Add	184.35	
	For 12" Wide Head Rail, Add	221.79	
	For 18" Wide, 1/2" Thick Bench, Add	142.09	
	For 24" Wide, 1/2" Thick Bench, Add	182.09	
10 21 16 17-0011	EA 36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track .....	5,129.78	303.51
	For 66" High Panels, Add	739.12	
	For 6" Wide Head Rail, Add	141.75	
	For 8" Wide Head Rail, Add	193.05	
	For 10" Wide Head Rail, Add	238.28	
	For 12" Wide Head Rail, Add	286.54	
	For 18" Wide, 1/2" Thick Bench, Add	145.70	
	For 24" Wide, 1/2" Thick Bench, Add	185.70	
10 21 16 17-0012	EA 48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track .....	5,467.94	339.56
	For 66" High Panels, Add	786.24	
	For 6" Wide Head Rail, Add	150.46	
	For 8" Wide Head Rail, Add	205.14	
	For 10" Wide Head Rail, Add	253.02	
	For 12" Wide Head Rail, Add	304.31	
	For 18" Wide, 1/2" Thick Bench, Add	152.91	
	For 24" Wide, 1/2" Thick Bench, Add	192.91	
10 21 16 17-0013	EA 57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track .....	6,271.79	369.06
	For 66" High Panels, Add	903.87	
	For 6" Wide Head Rail, Add	173.39	
	For 8" Wide Head Rail, Add	236.11	
	For 10" Wide Head Rail, Add	291.45	
	For 12" Wide Head Rail, Add	350.47	
	For 18" Wide, 1/2" Thick Bench, Add	158.81	
	For 24" Wide, 1/2" Thick Bench, Add	198.81	

**10 22 Partitions** (10 20)

**10 22 13 Wire Mesh Partitions** (10 22)

**10 22 13 00-0001 Wall Panels** (10 22 13)

	Note: Includes steel frame and posts. Posts bolted to floor.		
10 22 13 00-0002	SF Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	15.09	1.49
	For 5' Wide Panels, Add	0.61	
10 22 13 00-0003	SF Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	16.71	1.78
	For 5' Wide Panels, Add	0.66	
10 22 13 00-0004	SF Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	25.42	2.08
	For 5' Wide Panels, Add	1.06	

**10 22 13 00-0005 Ceiling Panels** (10 22 13)

	Note: Includes steel frame.		
10 22 13 00-0006	SF Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	15.62	1.78
10 22 13 00-0007	SF Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	17.25	2.08
10 22 13 00-0008	SF Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts .....	19.09	2.38

**10 22 13 00-0009 Sliding Doors** (10 22 13)

	Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0010	EA 4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock .....	1,419.90	312.32
	For 8 Gauge, Add	150.52	
	For 6 Gauge, Add	301.04	
10 22 13 00-0011	EA 4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock .....	1,496.12	345.03
	For 8 Gauge, Add	155.41	
	For 6 Gauge, Add	310.82	
10 22 13 00-0012	EA 5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock .....	1,635.83	356.94
	For 8 Gauge, Add	173.99	
	For 6 Gauge, Add	347.98	



**10 Specialties****10 20 Interior Specialties****10 22 Partitions**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 22 13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,784.30	386.68
		<i>For 8 Gauge, Add</i>	190.31	
		<i>For 6 Gauge, Add</i>	380.62	
10 22 13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	1,845.35	410.47
		<i>For 8 Gauge, Add</i>	194.71	
		<i>For 6 Gauge, Add</i>	389.42	
10 22 13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,030.43	434.27
		<i>For 8 Gauge, Add</i>	217.71	
		<i>For 6 Gauge, Add</i>	435.42	
10 22 13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,182.15	466.99
		<i>For 8 Gauge, Add</i>	233.92	
		<i>For 6 Gauge, Add</i>	467.85	
10 22 13 00-0017	EA	8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,374.74	487.80
		<i>For 8 Gauge, Add</i>	258.65	
		<i>For 6 Gauge, Add</i>	517.30	
10 22 13 00-0018	EA	10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,395.85	499.71
		<i>For 8 Gauge, Add</i>	259.44	
		<i>For 6 Gauge, Add</i>	518.87	
10 22 13 00-0019	EA	10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,644.04	529.45
		<i>For 8 Gauge, Add</i>	290.72	
		<i>For 6 Gauge, Add</i>	581.43	
10 22 13 00-0020		<b>Swing Doors</b> <small>(10 22 13)</small>		
10 22 13 00-0021		<b>Single Swing Door</b> <small>(10 22 13 00-0020)</small>		
10 22 13 00-0022	EA	3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	970.80	184.41
		<i>For 8 Gauge, Add</i>	105.96	
		<i>For 6 Gauge, Add</i>	211.92	
10 22 13 00-0023	EA	3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,044.55	208.21
		<i>For 8 Gauge, Add</i>	115.04	
		<i>For 6 Gauge, Add</i>	230.08	
10 22 13 00-0024	EA	3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,119.56	220.11
		<i>For 8 Gauge, Add</i>	123.91	
		<i>For 6 Gauge, Add</i>	247.83	
10 22 13 00-0025	EA	4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,104.04	237.96
		<i>For 8 Gauge, Add</i>	118.02	
		<i>For 6 Gauge, Add</i>	236.03	
10 22 13 00-0026	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,181.75	249.85
		<i>For 8 Gauge, Add</i>	127.29	
		<i>For 6 Gauge, Add</i>	254.58	
10 22 13 00-0027	EA	4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,234.79	261.75
		<i>For 8 Gauge, Add</i>	132.87	
		<i>For 6 Gauge, Add</i>	265.74	
10 22 13 00-0028		<b>Double Swing Doors</b> <small>(10 22 13 00-0020)</small>		
10 22 13 00-0029	EA	6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,535.72	297.44
		<i>For 8 Gauge, Add</i>	170.87	
		<i>For 6 Gauge, Add</i>	341.74	
10 22 13 00-0030	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,662.09	315.29
		<i>For 8 Gauge, Add</i>	186.26	
		<i>For 6 Gauge, Add</i>	372.51	
10 22 13 00-0031	EA	6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,788.45	333.13
		<i>For 8 Gauge, Add</i>	201.64	
		<i>For 6 Gauge, Add</i>	403.28	
10 22 13 00-0032	EA	8' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,919.72	356.94
		<i>For 8 Gauge, Add</i>	216.57	
		<i>For 6 Gauge, Add</i>	433.14	
10 22 13 00-0033	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,101.62	374.78
		<i>For 8 Gauge, Add</i>	240.29	
		<i>For 6 Gauge, Add</i>	480.58	
10 22 13 00-0034	EA	8' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,281.43	392.63
		<i>For 8 Gauge, Add</i>	263.69	
		<i>For 6 Gauge, Add</i>	527.38	



	<b>Specialties</b>	<b>10</b>
	Interior Specialties	10 20
	Partitions	10 22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

<b>10 22 13 00-0035</b>			<b>Dutch Doors</b> <small>(10 22 13)</small> Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0036	EA		3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,316.42	184.41
			<i>For 8 Gauge, Add</i> .....	157.80	
			<i>For 6 Gauge, Add</i> .....	315.61	
10 22 13 00-0037	EA		3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,396.33	208.21
			<i>For 8 Gauge, Add</i> .....	167.81	
			<i>For 6 Gauge, Add</i> .....	335.62	
10 22 13 00-0038	EA		3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,437.16	220.11
			<i>For 8 Gauge, Add</i> .....	171.55	
			<i>For 6 Gauge, Add</i> .....	343.11	
10 22 13 00-0039	EA		3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,513.68	249.85
			<i>For 8 Gauge, Add</i> .....	177.08	
			<i>For 6 Gauge, Add</i> .....	354.16	
10 22 13 00-0040	EA		4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,454.66	237.96
			<i>For 8 Gauge, Add</i> .....	170.61	
			<i>For 6 Gauge, Add</i> .....	341.22	
10 22 13 00-0041	EA		4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,543.36	249.85
			<i>For 8 Gauge, Add</i> .....	181.53	
			<i>For 6 Gauge, Add</i> .....	363.07	

**10 22 19 Demountable Partitions** (10 22)

**10 22 19 13 Demountable Metal Partitions** (10 22 19)

10 22 19 13-0001	LF		9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick.....	175.26	18.92
			<i>For &gt;9, Add</i> 21.91		
10 22 19 13-0002	LF		7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick.....	153.97	15.07
			<i>For &gt;9, Add</i> 19.25		
10 22 19 13-0003	LF		5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick.....	132.68	11.32
			<i>For &gt;9, Add</i> 16.59		
10 22 19 13-0004	LF		9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel.....	166.75	15.07
			<i>For &gt;9, Add</i> 20.84		
10 22 19 13-0005	LF		9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric.....	241.58	16.20
			<i>For &gt;9, Add</i> 30.20		

**10 22 19 43 Demountable Composite Partitions** (10 22 19)

10 22 19 43-0001	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad.....	271.40	18.92
			<i>For &gt;9, Add</i> 33.93		
10 22 19 43-0002	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad.....	340.15	20.62
			<i>For &gt;9, Add</i> 42.52		
10 22 19 43-0003	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick.....	57.10	2.83
			<i>For Acoustical Partitions, Add</i> .....	5.15	
10 22 19 43-0004	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick.....	71.35	4.75
			<i>For Acoustical Partitions, Add</i> .....	6.18	
10 22 19 43-0005	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	60.90	2.94
			<i>For Acoustical Partitions, Add</i> .....	5.50	
10 22 19 43-0006	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	87.12	4.08
			<i>For Acoustical Partitions, Add</i> .....	7.91	

**10 22 19 53 Demountable Gypsum Partitions** (10 22 19)

**10 22 19 53-0001 Demountable Gypsum Partitions** (10 22 19 53)

10 22 19 53-0002	LF		9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad.....	100.82	18.92
			<i>For &gt;9, Add</i> 12.60		
10 22 19 53-0003	LF		9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad.....	168.95	20.62
			<i>For &gt;9, Add</i> 21.12		
10 22 19 53-0004	LF		9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad.....	181.89	22.66
			<i>For &gt;9, Add</i> 22.74		
10 22 19 53-0005	LF		9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad.....	219.85	18.92
			<i>For &gt;9, Add</i> 27.48		
10 22 19 53-0006	LF		9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad.....	367.63	20.62
			<i>For &gt;9, Add</i> 45.95		

**10 22 23 Portable Partitions, Screens, and Panels** (10 22)

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

**10 22 23 23 Movable Panel Systems** (10 22 23)

**10 22 23 23-0001 Portable Partitions** (10 22 23 23)

10 22 23 23-0002	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High.....	344.60	9.07
------------------	----	--	--	--------	------



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

10 22 23 23-0003	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	367.23	10.08
10 22 23 23-0004	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	436.56	12.12
10 22 23 23-0005	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	254.36	5.21
10 22 23 23-0006	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	269.82	6.00
10 22 23 23-0007	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	303.17	7.25
10 22 23 23-0008	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	258.62	5.55
10 22 23 23-0009	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	460.02	10.08
10 22 23 23-0010	LF	Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	505.29	12.12
10 22 23 23-0011	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	268.04	6.91
10 22 23 23-0012	LF	Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	304.85	8.04
10 22 23 23-0013	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	245.77	6.00
10 22 23 23-0014	LF	Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	275.68	7.25
10 22 23 23-0015	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High	408.47	10.08
10 22 23 23-0016	LF	Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High	460.62	12.12
10 22 23 23-0017	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	415.35	10.08
10 22 23 23-0018	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	505.29	12.12
10 22 23 23-0019	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	321.37	6.00
10 22 23 23-0020	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	361.59	7.25
10 22 23 23-0021	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	339.38	5.55
10 22 23 23-0022	LF	Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	404.91	6.57
10 22 23 23-0023	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	195.87	6.91
10 22 23 23-0024	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	230.97	8.04
10 22 23 23-0025	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 5' High	208.67	7.25
10 22 23 23-0026	LF	Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	152.09	5.55
10 22 23 23-0027	LF	Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	248.19	7.25
10 22 23 23-0028	LF	Partitions, Portable, Metal Chalkboard, 2 Sides	283.15	7.59
10 22 23 23-0029	LF	Partitions, Portable, Tackboard, Both Sides	227.81	7.36

### 10 22 23 23-0030 Adjustable Barrier Panel System (Edge Guard) (10 22 23 23)

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

10 22 23 23-0031	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	691.37	
10 22 23 23-0032	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	656.70	
10 22 23 23-0033	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	518.04	
10 22 23 23-0034	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	598.93	
10 22 23 23-0035	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,170.90	
10 22 23 23-0036	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	237.56	
10 22 23 23-0037	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	316.80	
10 22 23 23-0038	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	339.91	
10 22 23 23-0039	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	197.11	
10 22 23 23-0040	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)	1,402.00	
		Note: Includes a hydraulic closer and a lever style lockset standard.		
10 22 23 23-0041	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	197.11	
10 22 23 23-0042	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)	1,055.35	
		Note: Includes a hydraulic closer and a lever style lockset standard.		
10 22 23 23-0043	EA	Closure Strips (Edge Guard 3003)	14.47	
		Note: To seal panels to existing walls		
10 22 23 23-0044	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	323.71	

### 10 22 23 23-0045 Hauserman Wall Panels (10 22 23 23)

#### 10 22 23 23-0046 Single Wall (10 22 23 23-0045)

#### 10 22 23 23-0047 Panels (10 22 23 23-0046)

10 22 23 23-0048	EA	105" High Panel, Sage, DWPP 40105SG	326.51	28.32
10 22 23 23-0049	EA	117" High Panel, Sage, DWPP 40117SG	348.01	28.32
10 22 23 23-0050	EA	105" High Panel, White, DWPP 40105WH	326.51	28.32
10 22 23 23-0051	EA	117" High Panel, White, DWPP 40117WH	348.01	28.32
10 22 23 23-0052	EA	105" High Panel, Warm White, DWPP 40105WW	326.51	28.32
10 22 23 23-0053	EA	117" High Panel, Warm White, DWPP 40117WW	348.01	28.32
10 22 23 23-0054	EA	105" High Panel, Vinyl, DWPP 40105CSA	470.90	28.32
10 22 23 23-0055	EA	117" High Panel, Vinyl, DWPP 40117CSA	486.26	28.32
10 22 23 23-0056	EA	105" High Markerboard Panel, DWMP 40105	707.46	28.32
10 22 23 23-0057	EA	117" High Markerboard Panel, DWMP 40117	738.18	28.32

### 10 22 23 23-0058 Frames (10 22 23 23-0046)

10 22 23 23-0059	EA	120" Channel, Sage, DWCC 12000SG	178.53	11.32
10 22 23 23-0060	EA	12" Channel Corner, Sage, DWCC 1212SG	86.19	5.66
10 22 23 23-0061	EA	120" Channel, White, DWCC 12000WH	178.53	11.32
10 22 23 23-0062	EA	12" Channel Corner, White, DWCC 1212WH	86.19	5.66
10 22 23 23-0063	EA	120" Channel, WarmWhite, DWCC 12000WW	178.53	11.32
10 22 23 23-0064	EA	12" Channel Corner, WarmWhite, DWCC 1212WW	86.19	5.66
10 22 23 23-0065	EA	120" Floor Channel, DWFC 12000	175.46	11.32
10 22 23 23-0066	EA	99" Post, DWTP 00099	114.01	11.32
10 22 23 23-0067	EA	114" Post, DWTP 00114	135.52	11.32

### 10 22 23 23-0068 Corners/Ends/Bases (10 22 23 23-0046)



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Partitions	10 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0069 EA 120" Wall Channel, Sage, DWWE 00120SG .....	212.32	11.32
10 22 23 23-0070 EA 120" Two-way, Sage, DWTE 02120NSG .....	110.77	5.66
10 22 23 23-0071 EA 120" Wall Channel, White, DWWE 00120WH .....	212.32	11.32
10 22 23 23-0072 EA 120" Two-way, White, DWTE 02120NWH .....	110.77	5.66
10 22 23 23-0073 EA 120" Wall Channel, Warm White, DWWE 00120WW .....	212.32	11.32
10 22 23 23-0074 EA 120" Two-way, Warm White, DWTE 02120NWW .....	110.77	5.66
10 22 23 23-0075 EA 120" Vinyl Base, Black, DWBV 12000BK .....	55.47	5.66
10 22 23 23-0076 EA 120" Steel Base, Black, DWBP 12000BK .....	101.55	5.66
10 22 23 23-0077 EA 120" Steel Base Corner, Black, DWBP 24240BK .....	86.19	
<b>10 22 23 23-0078 Stacking Components (10 22 23 23-0046)</b>		
10 22 23 23-0079 EA Top Panel Trim, Sage, DWPP 40000SG .....	67.76	5.66
10 22 23 23-0080 EA Top Panel Trim, White, DWPP 40000WH .....	67.76	5.66
10 22 23 23-0081 EA Top Panel Trim, Warm White, DWPP 40000WW .....	67.76	5.66
10 22 23 23-0082 EA Post Splice, DWTP 00036 .....	55.47	5.66
<b>10 22 23 23-0083 Doors/Frames/Hardware (10 22 23 23-0046)</b>		
10 22 23 23-0084 EA Door Frame 40" UW x 82" H, Sage, DWRF 3682SGB .....	1,414.95	158.59
10 22 23 23-0085 EA Door 36" UW x 81.25" H, Sage, DRS 36A(*)SG .....	1,399.56	56.64
10 22 23 23-0086 EA Door Frame 40" UW x 82" H, White, DWRF 3682WHB .....	1,414.95	158.59
10 22 23 23-0087 EA Door 36" UW x 81.25" H, White, DRS 36A(*)WH .....	1,399.56	56.64
10 22 23 23-0088 EA Door Frame 40" UW x 82" H, Warm White, DWRF 3682WW .....	1,414.95	158.59
10 22 23 23-0089 EA Door 36" UW x 81.25" H, Warm White, DRS 36A(*)WW .....	1,399.56	56.64
10 22 23 23-0090 EA Hinge Kit, 1 Pair 5" x 4", Brushed Chrome, DHK 2540B .....	214.41	19.26
10 22 23 23-0091 EA Lockset With Knob, Brushed Chrome (DHL 1613B) .....	546.57	51.54
10 22 23 23-0092 EA Lockset With Lever, Brushed Chrome (DHL 1614B) .....	663.31	51.54
<b>10 22 23 23-0093 Glazing Kits (10 22 23 23-0046)</b>		
10 22 23 23-0094 EA Panel Glazing Kit, 36" x 48", Sage, DWKG 03648SG .....	569.64	42.48
10 22 23 23-0095 EA Panel Glazing Kit, 36" x 48", White, DWKG 03648WH .....	569.64	42.48
10 22 23 23-0096 EA Panel Glazing Kit, 36" x 48", Warm White, DWKG 03648WW .....	569.64	42.48
<b>10 22 23 23-0097 Ceiling Channel (10 22 23 23-0046)</b>		
10 22 23 23-0098 EA 120" Ceiling Channel, DWCC 12000 .....	175.46	11.32
10 22 23 23-0099 EA 12" x 12" Corner Ceiling Channel, DWCC 01212 .....	83.12	5.66
<b>10 22 23 23-0100 Double Wall (10 22 23 23-0045)</b>		
<b>10 22 23 23-0101 Steel Wall Panel Plates, All Steel Painted (10 22 23 23-0100)</b>		
10 22 23 23-0102 EA 40" W x 9' H, Steel Wall Panel Plates, Painted, DWPP 40105 .....	354.59	42.48
10 22 23 23-0103 EA 40" W x 10' H, Steel Wall Panel Plates, Painted, DWPP 40117 .....	379.16	42.48
10 22 23 23-0104 EA 40" W x 12' H, Steel Wall Panel Plates, Painted, DWPP 40141 .....	437.54	42.48
<b>10 22 23 23-0105 Steel Wall Panel Plates, All Steel Painted (10 22 23 23-0100)</b>		
Note: With markerboard finish		
10 22 23 23-0106 EA 40" W x 9' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40105 .....	735.54	42.48
10 22 23 23-0107 EA 40" W x 10' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40117 .....	769.33	42.48
10 22 23 23-0108 EA 40" W x 12' H, Steel Wall Panel Plates, Painted With Markerboard Finish, DWMP 40141 .....	833.85	42.48
<b>10 22 23 23-0109 Steel Wall Panel Plates, All Steel - Vinyl Clad (10 22 23 23-0100)</b>		
10 22 23 23-0110 EA 40" W x 9' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40105 .....	517.41	42.48
10 22 23 23-0111 EA 40" W x 10' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40117 .....	545.06	42.48
10 22 23 23-0112 EA 40" W x 12' H, Steel Wall Panel Plates, Vinyl Clad, Grade A, DWVP 40141 .....	600.36	42.48
10 22 23 23-0113 EA 40" W x 9' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40105 .....	443.68	42.48
10 22 23 23-0114 EA 40" W x 10' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40117 .....	486.69	42.48
10 22 23 23-0115 EA 40" W x 12' H, Steel Wall Panel Plates, Vinyl Clad, Grade C, DWVP 40141 .....	551.21	42.48
<b>10 22 23 23-0116 Posts (10 22 23 23-0100)</b>		
Note: Complete with top and bottom extensions and panel clip		
10 22 23 23-0117 EA 9' Posts, DWTP 00099 .....	117.09	11.32
10 22 23 23-0118 EA 10' Posts, DWTP 00114 .....	135.52	11.32
10 22 23 23-0119 EA 12' Posts, DWTP 00130 .....	150.88	11.32
10 22 23 23-0120 EA 20" Post Extension, 7600B6001 .....	36.85	5.66
10 22 23 23-0121 EA 6.031" Post Stilt, 7600B7001 .....	18.42	2.83
<b>10 22 23 23-0122 Floor Channel (10 22 23 23-0100)</b>		
10 22 23 23-0123 EA 10' Floor Channel With Tapcon Fastener, DWFC 12000 .....	126.13	5.66
10 22 23 23-0124 EA 10' Floor Channel With 3 Tile Grippers, DWFC 12000 .....	159.93	5.66
10 22 23 23-0125 EA 10' Floor Channel With 3 Carpet Grippers, DWFC 12000 .....	159.93	5.66

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 22</b>	<b>Partitions</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 22 23 23-0126		<b>Steel Base</b> <small>(10 22 23 23-0100)</small>		
10 22 23 23-0127	EA	4"H x 10' L Steel Outer Base, DWBP 12000.....	114.01	11.32
10 22 23 23-0128	EA	4"H x 40" L Steel Inner Base, DWBP 40000.....	51.06	5.66
10 22 23 23-0129	EA	4"H x 48" L Steel Inner Base, DWBP 48000.....	37.04	5.66
10 22 23 23-0130	EA	4"H x 24" x 24" L Steel Outer Base Corner, DWBP 24240.....	98.65	11.32
10 22 23 23-0131	EA	4"H x 25" L Steel Base End Cap For 6 Doorways, DWBP 60025.....	71.00	11.32
10 22 23 23-0132		<b>Vinyl Base</b> <small>(10 22 23 23-0100)</small>		
10 22 23 23-0133	EA	3-1/2" H x 10' L Vinyl Outer Base, DWBV 1200.....	55.47	5.66
10 22 23 23-0134	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Motorola Gray #0483.....	64.69	5.66
10 22 23 23-0135	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Black #4380.....	64.69	5.66
10 22 23 23-0136	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Nougat #0673.....	64.69	5.66
10 22 23 23-0137	EA	120" - "True" 4" Base, Libertyville 4" Base - Flat Profile, Slate #4003.....	64.69	5.66
10 22 23 23-0138		<b>Double Wall End Conditions</b> <small>(10 22 23 23-0045)</small>		
10 22 23 23-0139		<b>Wall Channels</b> <small>(10 22 23 23-0138)</small>		
10 22 23 23-0140	EA	9' Wall Channel, DWWE 00108..... Note: Excludes fasteners.	187.75	11.32
10 22 23 23-0141	EA	10' Wall Channel, DWWE 00120..... Note: Excludes fasteners.	212.32	11.32
10 22 23 23-0142	EA	12' Wall Channel, DWWE 00144..... Note: Excludes fasteners.	246.12	11.32
10 22 23 23-0143	EA	9' End Filler, Glass, DWWG 00108A.....	580.99	11.32
10 22 23 23-0144	EA	10' End Filler, Glass, DWWG 00120A.....	599.42	11.32
10 22 23 23-0145		<b>Adapter Channel</b> <small>(10 22 23 23-0138)</small>		
10 22 23 23-0146	EA	10' Adapter Channel For End Condition, DWAC 00120.....	138.59	11.32
10 22 23 23-0147		<b>Finished Ends</b> <small>(10 22 23 23-0138)</small>		
10 22 23 23-0148	EA	9' Finished End, Steel, DWTE 01108N.....	264.55	11.32
10 22 23 23-0149	EA	10' Finished End, Steel, DWTE 01120N.....	286.06	11.32
10 22 23 23-0150	EA	12' Finished End, Steel, DWTE 01144N.....	326.00	11.32
10 22 23 23-0151	EA	0.55" x 49" x 122" Insert Cap For F.E. Vertical, 163472001.....	40.11	5.66
10 22 23 23-0152	EA	9' Finished End, Glass, DWTG 10108N.....	418.16	11.32
10 22 23 23-0153	EA	10' Finished End, Glass, DWTG 10120N.....	433.52	11.32
10 22 23 23-0154	EA	10' Finished End, Flat Profile, No Channel, AT0373A01.....	212.32	11.32
10 22 23 23-0155		<b>Double Wall</b> <small>(10 22 23 23-0045)</small>		
10 22 23 23-0156		<b>2-Way Intersections</b> <small>(10 22 23 23-0155)</small>		
10 22 23 23-0157	EA	9' 2-Way Condition, Steel To Steel (x), DWTE 02108N.....	123.23	11.32
10 22 23 23-0158	EA	10' 2-Way Condition, Steel To Steel (x), DWTE 02120N.....	123.23	11.32
10 22 23 23-0159	EA	12' 2-Way Condition, Steel To Steel (x), DWTE 02144N.....	172.39	11.32
10 22 23 23-0160	EA	10' 2-Way Corner Trim (Only), 760011001.....	58.54	5.66
10 22 23 23-0161		<b>Steel To Glass / 2-Way Conditions</b> <small>(10 22 23 23-0155)</small>		
10 22 23 23-0162	EA	9' 2-Way Condition Steel To Glass, DWTG 22108N.....	700.80	11.32
10 22 23 23-0163	EA	10' 2-Way Condition Steel To Glass, DWTG 22108N.....	716.16	11.32
10 22 23 23-0164		<b>Glass To Glass / 2-Way Conditions</b> <small>(10 22 23 23-0155)</small>		
10 22 23 23-0165	EA	9' 2-Way Condition Glass To Glass, DWTG 12108N.....	688.52	11.32
10 22 23 23-0166	EA	10' 2-Way Condition Glass To Glass, DWTG 12108N.....	710.02	11.32
10 22 23 23-0167		<b>Steel To Steel 135 Degree / 2-Way Conditions</b> <small>(10 22 23 23-0155)</small>		
10 22 23 23-0168	EA	9' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05108.....	239.97	11.32
10 22 23 23-0169	EA	10' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05120.....	246.12	11.32
10 22 23 23-0170	EA	12' Steel To Steel 135-Degree/2-Way Conditioning, DWTE 05144.....	261.48	11.32
10 22 23 23-0171		<b>Glass Wall Components</b> <small>(10 22 23 23-0155)</small>		
10 22 23 23-0172	EA	9' Glass To Glass Post, DWTG 11108..... Note: Includes glazing vinyl.	282.98	11.32
10 22 23 23-0173	EA	10' Glass To Glass Post, DWTG 11120..... Note: Includes glazing vinyl.	289.13	11.32
10 22 23 23-0174	EA	9' Steel To Glass Post, DWTG 21108..... Note: Includes glazing vinyl strip and adapter channel #760097.	375.15	11.32
10 22 23 23-0175	EA	10' Steel To Glass Post, DWTG 21120..... Note: Includes glazing vinyl strip and adapter channel #760097.	387.44	11.32
10 22 23 23-0176	EA	60" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 60000.....	304.49	11.32



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Partitions	10 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0177 EA 48" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 48000.....	289.13	11.32
10 22 23 23-0178 EA 40" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 40000.....	488.13	11.32
10 22 23 23-0179 EA 20" All Glass Wall Kit, Contains Top And Bottom Horizontals, Clips, Top Glass Stop/Clips And Bottom Glazing Vinyl, DWPG 20000.....	221.54	11.32
10 22 23 23-0180 EA 140" Glazing Bead , For Below Chair Rail, 760004005.....	52.40	5.66
10 22 23 23-0181 EA 60" Chair Rail Trim Assembly, DWCR 60000..... Note: Includes vinyl glazing strip, alignment clips and screws.	160.01	8.49
10 22 23 23-0182 EA 48" Chair Rail Trim Assembly, DWCR 48000..... Note: Includes vinyl glazing strip, alignment clips and screws.	156.94	8.49
10 22 23 23-0183 EA 40" Chair Rail Trim Assembly, DWCR 40000..... Note: Includes vinyl glazing strip, alignment clips and screws.	153.87	8.49
10 22 23 23-0184 EA 20" Chair Rail Trim Assembly, DWCR 20000..... Note: Includes vinyl glazing strip, alignment clips and screws.	141.58	8.49
10 22 23 23-0185 EA 60" For Solid Glass, Top Glass Horizontal Assembly, DWTH 60000..... Note: Includes top horizontal, glazing stops and glazing clips.	203.11	11.32
10 22 23 23-0186 EA 48" For Solid Glass, Top Glass Horizontal Assembly, DWTH 48000..... Note: Includes top horizontal, glazing stops and glazing clips.	187.75	11.32
10 22 23 23-0187 EA 40" For Solid Glass, Top Glass Horizontal Assembly, DWTH 40000..... Note: Includes top horizontal, glazing stops and glazing clips.	166.24	11.32
10 22 23 23-0188 EA 20" For Solid Glass, Top Glass Horizontal Assembly, DWTH 20000..... Note: Includes top horizontal, glazing stops and glazing clips.	160.10	11.32
10 22 23 23-0189 EA 60" For Solid Glass, Transom Rail Assembly, DWRT 60000..... Note: Includes top glazing stop, clips, alignment, clips and screws.	252.26	11.32
10 22 23 23-0190 EA 48" For Solid Glass, Transom Rail Assembly, DWRT 48000..... Note: Includes top glazing stop, clips, alignment, clips and screws.	243.05	11.32
10 22 23 23-0191 EA 40" For Solid Glass, Transom Rail Assembly, DWRT 40000..... Note: Includes top glazing stop, clips, alignment, clips and screws.	236.90	11.32
10 22 23 23-0192 EA 20" For Solid Glass, Transom Rail Assembly, DWRT 20000..... Note: Includes top glazing stop, clips, alignment, clips and screws.	221.54	11.32
10 22 23 23-0193 EA Glazing Kit - To Create Maximum 36" x 48" High Glass Vision Lite In All Steel Wall, DWKG 03648.....	507.34	14.16
10 22 23 23-0194 EA Double Glazing Kit - 36" x 46" Glass Opening In All Steel Wall, DWDK 03648.....	777.69	14.16
<b>10 22 23 23-0195 Wainscot/Wall Liner</b> (10 22 23 23-0155)		
10 22 23 23-0196 EA 9' Half Posts, DWHP 00108..... Note: Excludes fasteners.	163.17	11.32
10 22 23 23-0197 EA 10' Half Posts, DWHP 00120..... Note: Excludes fasteners.	175.46	11.32
10 22 23 23-0198 EA 12' Half Posts, DWHP 00144..... Note: Excludes fasteners.	187.75	11.32
<b>10 22 23 23-0199 Double Wall Door Frames And Doors</b> (10 22 23 23-0045)		
<b>10 22 23 23-0200 Six-Piece Single Door Frames</b> (10 22 23 23-0199)		
10 22 23 23-0201 EA 40" Six-Piece Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike Frame, For 36" Nom. Single Door, DWFS 3683.....	1,393.45	158.59
10 22 23 23-0202 EA 40" Six-Piece Single Door Frames For 8' To 9' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike, Frame For 36" Nom. Single Door, DWFH 36A.....	1,519.41	158.59
10 22 23 23-0203 EA 40" Six-Piece Single Door Frames For 9'-1" To 10' Door - 2 Pr. 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike, Frame For 36" Nom. Single Door, DWFH 36B.....	1,559.35	158.59
<b>10 22 23 23-0204 Six-Piece Double Door Frames</b> (10 22 23 23-0199)		
10 22 23 23-0205 EA 76" Six-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges, Frame For A Pair Of 36" Nom. Doors, DWFP 7283.....	1,715.35	237.88
10 22 23 23-0206 EA 60" Six-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges, Frame For A Pair Of 26" Nom. Doors, DWFP 5683.....	1,715.35	237.88
<b>10 22 23 23-0207 Six-Piece, 1 Hour Rated, Single Door Frames</b> (10 22 23 23-0199)		
10 22 23 23-0208 EA 40" Six-Piece One Hour Rated Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFF 3683.....	1,427.24	158.59
10 22 23 23-0209 EA 40" Six-Piece One Hour Rated Single Door Frames For 8' To 9' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFFH 36A.....	1,599.29	158.59
10 22 23 23-0210 EA 40" Six-Piece One Hour Rated Single Door Frames For 9'-1" To 10' Door - 2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 7/8" Keeper, For 36" Nom. Single Door, DWFFH 36B.....	1,691.45	158.59
<b>10 22 23 23-0211 Single Steel Door Leaf</b> (10 22 23 23-0199)		
10 22 23 23-0212 EA Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, DSS 36A.....	1,367.52	53.24
10 22 23 23-0213 EA Preglazed Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, DSHGS 36AX.....	1,929.73	53.24
10 22 23 23-0214 EA Preglazed Single Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges, Com. 1/4" CC Temp, DSHGS 36AX.....	2,034.18	53.24
10 22 23 23-0215 EA Single Steel Door Leaf, Painted, 36" Nom. 8' To 9' Door, 2 Pr. 4-1/2" x 4-1/2" Butt Hinges, DFS 36A.....	1,432.03	53.24
10 22 23 23-0216 EA Single Steel Door Leaf, Painted, 36" Nom. 9'-1" To 10' Door, 2 Pair 4-1/2" x 4-1/2" Butt Hinges, DFS 36A.....	1,447.39	53.24
<b>10 22 23 23-0217 Double Steel Door Leaf</b> (10 22 23 23-0199)		



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 22</b>	<b>Partitions</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 22 23 23-0218	EA	Double Steel Door Leaf, Painted, 28" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSS 56A.....	2,687.77		87.79
10 22 23 23-0219	EA	Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSS 72A.....	2,687.77		87.79
10 22 23 23-0220	EA	Preglazed Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, DSHGS 72AX.....	3,833.70		87.79
10 22 23 23-0221	EA	Preglazed Double Steel Door Leaf, Painted, 36" Nom. x 83-1/4" Door, 3 Pair 4-1/2" x 4-1/2" Butt Hinges And ASA Keeper Strike, Com. "I", DSHGS 72AX.....	4,051.82		87.79
10 22 23 23-0222		<b>Three-Piece Single Door Frames</b> <small>(10 22 23 23-0199)</small> Note: 40" Three-piece single door frames for 83-1/4" door - 1-1/2 Pair 4-1/2" x 4-1/2" butt hinges and a 4-7/8" keeper strike frame for 36" nom. single door, DW3F 3684			
10 22 23 23-0223	EA	40" Three-Piece Single Door Frames For 83-1/4" Door - 1-1/2 Pair 4-1/2" x 4-1/2" Butt Hinges And A 4-7/8" Keeper Strike Frame For 36" Nom. Single Door, DW3F 3684.....	911.11		158.59
10 22 23 23-0224		<b>Three-Piece Double Door Frames</b> <small>(10 22 23 23-0199)</small> Note: 76" Three-piece double door frames for 83-1/4" door - 3 pair 4-1/2" x 4-1/2" butt hinges frame for a pair of 36" nom. doors, DW3F 7284			
10 22 23 23-0225	EA	76" Three-Piece Double Door Frames For 83-1/4" Door - 3 Pair 4-1/2" x 4-1/2" Butt Hinges Frame For A Pair Of 36" Nom. Doors, DW3F 7284.....	1,236.09		237.88
10 22 23 23-0226		<b>Double Wall Reversible Door Frames And Doors</b> <small>(10 22 23 23-0045)</small>			
10 22 23 23-0227		<b>Six-Piece Reversible Single Door Frames</b> <small>(10 22 23 23-0226)</small> Note: 40" Six-piece reversible single door frame for 83-1/4" door - 1 pair 5" x 4-1/2" butt hinges and 2-3/4" keeper for 36" nominal single door, DWRF 3682			
10 22 23 23-0228	EA	40" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges And 2-3/4" Keeper, For 36" Nominal Single Door, DWRF 3682.....	1,414.95		158.59
10 22 23 23-0229		<b>Six-Piece Reversible Double Door Frames</b> <small>(10 22 23 23-0226)</small>			
10 22 23 23-0230	EA	76" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges, For 36" Nominal Doors, DWRF 7282.....	1,739.93		237.88
10 22 23 23-0231	EA	60" Six-Piece Reversible Double Door Frame For 83-1/4" Door - 2 Pair 5" x 4-1/2" Butt Hinges, For 36" Nominal Doors, DWRF 5682.....	1,739.93		237.88
10 22 23 23-0232		<b>Single Steel Door Leaf</b> <small>(10 22 23 23-0226)</small> Note: Reversible only when mortised for Federal 161 lock.			
10 22 23 23-0233	EA	Single Steel Reversible Door Leaf, Painted, 36" Nominal x 83-1/4" Door, 1 Pair 5" x 4" Butt Hinges, DRS 36A.....	1,392.09		53.24
10 22 23 23-0234		<b>Double Steel Door Leaf</b> <small>(10 22 23 23-0226)</small> Note: Reversible only when mortised for Federal 161 lock.			
10 22 23 23-0235	EA	Double Steel Reversible Door Leafs, Painted, 28" Nominal x 83-1/4" Door, 2 Pair 5" x 4" Butt Hinges And 2 - 3/4" Keeper Strike, DRS 56A.....	2,730.68		84.96
10 22 23 23-0236	EA	Double Steel Reversible Door Leafs, Painted, 35" Nominal x 83-1/4" Door, 2 Pair 5" x 4" Butt Hinges And 2 - 3/4" Keeper Strike, DRS 72A.....	2,730.68		84.96
10 22 23 23-0237		<b>Double Wall Hardware</b> <small>(10 22 23 23-0045)</small>			
10 22 23 23-0238		<b>Hinge Kits</b> <small>(10 22 23 23-0237)</small>			
10 22 23 23-0239	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, No Stop.....	170.75		38.51
10 22 23 23-0240	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Mag.....	213.76		38.51
10 22 23 23-0241	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Base Stop.....	247.56		38.51
10 22 23 23-0242	EA	1-1/2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Floor Stop.....	247.56		38.51
10 22 23 23-0243	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, No Stop.....	235.03		50.97
10 22 23 23-0244	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Mag.....	278.04		50.97
10 22 23 23-0245	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Base Stop.....	330.27		50.97
10 22 23 23-0246	EA	2 Pair, 4-1/2" x 4-1/2" Hinges, 1 Wall Stop, With Floor Stop.....	330.27		50.97
10 22 23 23-0247	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, No Stop.....	441.65		76.46
10 22 23 23-0248	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Mag.....	527.67		76.46
10 22 23 23-0249	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Base Stop.....	629.05		76.46
10 22 23 23-0250	EA	3 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Floor Stop.....	629.05		76.46
10 22 23 23-0251	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, No Stop.....	586.81		101.95
10 22 23 23-0252	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Mag.....	672.83		101.95
10 22 23 23-0253	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Base Stop.....	774.21		101.95
10 22 23 23-0254	EA	4 Pair, 4-1/2" x 4-1/2" Hinges, 2 Wall Stops, Flush Bolts For Full Height Hinge Double Door Frame, With Floor Stop.....	774.21		101.95
10 22 23 23-0255	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, No Stop.....	186.11		38.51
10 22 23 23-0256	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Mag.....	229.12		38.51
10 22 23 23-0257	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Base Stop.....	262.92		38.51
10 22 23 23-0258	EA	1 Pair, 5" x 4" Hinges, 1 Wall Stop, With Floor Stop.....	262.92		38.51
10 22 23 23-0259	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, No Stop.....	410.14		50.97



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Partitions	10 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23	23-0260	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Mag.....	496.16	50.97
10 22 23	23-0261	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Bas Stop .....	560.68	50.97
10 22 23	23-0262	EA	2 Pair, 5" x 4" Hinges, 2 Wall Stops, Flush Bolts For Hinged Double Door Frame With Steel Transom, With Floor Stop .....	560.68	50.97
<b>10 22 23</b>	<b>23-0263</b>		<b>Double Wall Pivot Kits</b> <small>(10 22 23 23-0237)</small>		
10 22 23	23-0264	EA	Pivot Set Without Stop, DWDPK 001N .....	344.86	25.49
10 22 23	23-0265	EA	Pivot Set With Magnetic Stop, DWDPK 001M .....	344.86	25.49
10 22 23	23-0266	EA	Pivot Set With Base Stop, DWDPK 001B .....	440.09	25.49
10 22 23	23-0267	EA	Pivot Set With Floor Stop, DWDPK 001F .....	440.09	25.49
<b>10 22 23</b>	<b>23-0268</b>		<b>Bored Latchset And Lockset</b> <small>(10 22 23 23-0237)</small>		
10 22 23	23-0269	EA	Federal 161 Latchset, Std. Knob, Sargent (8U15-BC) DHL 1611 .....	423.68	51.54
10 22 23	23-0270	EA	Federal 161 Latchset, Lever, Sargent (10U15-LL) DHL 1612 .....	531.21	51.54
10 22 23	23-0271	EA	Federal 161 Lockset, Std Knob, Sargent (8U05-BC) DHL 1613 .....	558.86	51.54
10 22 23	23-0272	EA	Federal 161 Lockset, Lever, Sargent (10U05-LL) DHL 1614 .....	678.67	51.54
<b>10 22 23</b>	<b>23-0273</b>		<b>Magnetic Wall Stop</b> <small>(10 22 23 23-0237)</small> Note: For steel or vinyl covered crossrun panels.		
10 22 23	23-0274	EA	Magnetic Wall Stop, Brushed Bronze, Magnetic Aids, 194454002 .....	61.70	8.49
10 22 23	23-0275	EA	Magnetic Wall Stop, Brushed Chrome, Magnetic Aids, 194454003 .....	61.70	8.49
<b>10 22 23</b>	<b>23-0276</b>		<b>Base Stop</b> <small>(10 22 23 23-0237)</small> Note: For glass or fabric crossruns.		
10 22 23	23-0277	EA	Base Stop Screw Mounted, IVES #447 610, 192525001 .....	104.80	11.32
10 22 23	23-0278	EA	Base Stop Screw Mounted, IVES #447 526, 192525004 .....	104.80	11.32
<b>10 22 23</b>	<b>23-0279</b>		<b>Dome Floor Stop</b> <small>(10 22 23 23-0237)</small> Note: For doors in midrun.		
10 22 23	23-0280	EA	Dome Stop Screw Mounted US10, NT Quality #331ES-610, 194429001 .....	104.80	11.32
10 22 23	23-0281	EA	Dome Stop Screw Mounted US10, NT Quality #331ES-626, 194429002 .....	104.80	11.32
<b>10 22 33</b>			<b>Accordion Folding Partitions</b> <small>(10 22)</small>		
<b>10 22 33</b>	<b>00-0001</b>		<b>Accordion Doors/Partitions</b> <small>(10 22 33)</small> Note: Includes top support track and assembled panels.		
10 22 33	00-0002	SF	15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	92.58	5.61
			<i>For &lt;135, Add</i>	18.52	
10 22 33	00-0003	SF	20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	94.00	5.80
			<i>For &lt;135, Add</i>	18.80	
10 22 33	00-0004	SF	31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	98.46	5.98
			<i>For &lt;135, Add</i>	19.69	
10 22 33	00-0005	SF	35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	104.48	6.18
			<i>For &lt;135, Add</i>	20.90	
10 22 33	00-0006	SF	39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	106.30	6.36
			<i>For &lt;135, Add</i>	21.26	
10 22 33	00-0007	SF	40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	107.58	6.55
			<i>For &lt;135, Add</i>	21.52	
10 22 33	00-0008	SF	41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	108.82	6.73
			<i>For &lt;135, Add</i>	21.76	
10 22 33	00-0009	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish (Hufcor® 4400) .....	108.77	10.08
10 22 33	00-0010	SF	44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	110.39	7.10
			<i>For &lt;135, Add</i>	22.08	
10 22 33	00-0011	SF	47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	117.05	7.10
			<i>For &lt;135, Add</i>	23.41	
10 22 33	00-0012	SF	50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish .....	123.72	7.10
			<i>For &lt;135, Add</i>	24.74	
<b>10 22 43</b>			<b>Sliding Partitions</b> <small>(10 22)</small>		
<b>10 22 43</b>	<b>00-0001</b>		<b>Operable Wall</b> <small>(10 22 43)</small> Note: Includes top support track, assembled panel and frames.		
10 22 43	00-0002	SF	Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	246.73	22.70
			Note: Includes pocket door, two ADA pass doors, track and hardware.		
			<i>For 43 STC, Deduct</i>	-11.54	
			<i>For 49 STC, Add</i>	14.65	
			<i>For 52 STC, Add</i>	22.20	
10 22 43	00-0003	SF	>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating .....	229.06	18.29
			Note: Includes pocket door, two ADA pass doors, track and hardware.		
			<i>For 43 STC, Deduct</i>	-11.30	
			<i>For 49 STC, Add</i>	14.34	
			<i>For 52 STC, Add</i>	21.72	

**10 Specialties****10 20 Interior Specialties****10 22 Partitions**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0004	SF		>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	216.04	15.18
			For 43 STC, Deduct	-11.06	
			For 49 STC, Add	14.03	
			For 52 STC, Add	21.26	
10 22 43 00-0005	SF		Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	210.10	15.96
			For 43 STC, Deduct	-10.51	
			For 49 STC, Add	13.34	
			For 52 STC, Add	20.21	
10 22 43 00-0006	SF		>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	196.59	12.97
			For 43 STC, Deduct	-10.21	
			For 49 STC, Add	12.96	
			For 52 STC, Add	19.64	
10 22 43 00-0007	SF		>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	188.63	11.67
			For 43 STC, Deduct	-9.97	
			For 49 STC, Add	12.65	
			For 52 STC, Add	19.17	
10 22 43 00-0008	SF		Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	186.49	12.59
			For 43 STC, Deduct	-9.65	
			For 49 STC, Add	12.25	
			For 52 STC, Add	18.56	
10 22 43 00-0009	SF		>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	176.23	10.77
			For 43 STC, Deduct	-9.35	
			For 49 STC, Add	11.86	
			For 52 STC, Add	17.97	
10 22 43 00-0010	SF		>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating ..... Note: Includes pocket door, two ADA pass doors, track and hardware.	169.18	9.60
			For 43 STC, Deduct	-9.11	
			For 49 STC, Add	11.56	
			For 52 STC, Add	17.52	
10 22 43 00-0011	SF		Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating ..... Note: Includes pocket door, track and hardware.	193.58	15.18
			For 44 STC, Deduct	-9.58	
			For 49 STC, Add	12.16	
			For 52 STC, Add	18.42	
10 22 43 00-0012	SF		>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating ..... Note: Includes pocket door, track and hardware.	178.49	11.55
			For 44 STC, Deduct	-9.32	
			For 49 STC, Add	11.84	
			For 52 STC, Add	17.93	
10 22 43 00-0013	SF		>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating ..... Note: Includes pocket door, track and hardware.	169.73	9.73
			For 44 STC, Deduct	-9.11	
			For 49 STC, Add	11.56	
			For 52 STC, Add	17.52	

**10 26 Wall and Door Protection** (10 20)**10 26 13 Corner Guards** (10 26)10 26 13 00-0001 Vinyl Corner Guards (10 26 13)10 26 13 00-0002 Rigid Vinyl Corner Guards (10 26 13 00-0001)10 26 13 00-0003 Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0002)10 26 13 00-0004 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)

10 26 13 00-0005	LF		3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34) ..... For >50 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	8.14	3.57
				-1.49	
				-2.08	
				-2.79	
10 26 13 00-0006	LF		1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12) ..... For >50 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	8.67	3.57
				-1.49	
				-2.08	
				-2.81	
10 26 13 00-0007	LF		3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13) ..... For >50 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	11.62	3.57
				-1.49	
				-2.08	
				-2.96	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall and Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0008 LF 4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14) .....	15.31	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-3.15	
<b>10 26 13 00-0009 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)</b>		
10 26 13 00-0010 LF 1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245) .....	14.64	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-3.11	
<b>10 26 13 00-0011 Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0001)</b>		
Note: Includes closure caps.		
<b>10 26 13 00-0012 Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)</b>		
<b>10 26 13 00-0013 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)</b>		
10 26 13 00-0014 LF 2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20) .....	14.93	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.31	
For Recycled Vinyl Retainer, Deduct	-1.20	
10 26 13 00-0015 LF 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10) .....	16.57	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.40	
For Recycled Vinyl Retainer, Deduct	-1.53	
10 26 13 00-0016 LF Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30) .....	18.21	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.48	
For Recycled Vinyl Retainer, Deduct	-1.86	
<b>10 26 13 00-0017 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)</b>		
10 26 13 00-0018 LF 3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135) .....	21.28	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.63	
For Recycled Vinyl Retainer, Deduct	-2.47	
<b>10 26 13 00-0019 End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)</b>		
Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020 LF 2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11) .....	30.14	7.13
For >50 To 100, Deduct	-2.97	
For >100 To 200, Deduct	-4.16	
For >200, Deduct	-6.26	
For Recycled Vinyl Retainer, Deduct	-3.65	
<b>10 26 13 00-0021 Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)</b>		
<b>10 26 13 00-0022 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)</b>		
10 26 13 00-0023 LF 2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72) .....	19.65	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.55	
For Up To 2 HR Fire Rated, Add	7.51	
10 26 13 00-0024 LF 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7) .....	23.54	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.75	
For Up To 2 HR Fire Rated, Add	10.23	
10 26 13 00-0025 LF Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32) .....	21.87	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.66	
For Up To 2 HR Fire Rated, Add	9.07	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 26</b>	<b>Wall and Door Protection</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 26 13 00-0026</b> <b>135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers</b> <small>(10 26 13 00-0021)</small>		
10 26 13 00-0027    LF    3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75) .....	25.20	5.35
For >50 To 100, Deduct	-2.23	
For >100 To 200, Deduct	-3.12	
For >200, Deduct	-4.83	
For Up To 2 HR Fire Rated, Add	11.40	
<b>10 26 13 00-0028</b> <b>End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers</b> <small>(10 26 13 00-0021)</small>		
Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029    LF    2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888) .....	52.25	7.13
For >50 To 100, Deduct	-2.97	
For >100 To 200, Deduct	-4.16	
For >200, Deduct	-7.37	
For Up To 2 HR Fire Rated, Add	28.25	
<b>10 26 13 00-0030</b> <b>Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0001)</small>		
Note: Includes adhesive for installation.		
<b>10 26 13 00-0031</b> <b>Surface Mounted, Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0030)</small>		
<b>10 26 13 00-0032</b> <b>90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards</b> <small>(10 26 13 00-0031)</small>		
10 26 13 00-0033    LF    1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9) .....	11.01	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.93	
For Bolting To Concrete Or Masonry, Add	2.54	
10 26 13 00-0034    LF    2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3) .....	13.94	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-3.08	
For Bolting To Concrete Or Masonry, Add	2.98	
10 26 13 00-0035    LF    4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15) .....	16.31	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-3.20	
For Bolting To Concrete Or Masonry, Add	3.34	
<b>10 26 13 00-0036</b> <b>Polycarbonate Corner Guards</b> <small>(10 26 13)</small>		
<b>10 26 13 00-0037</b> <b>Surface Mounted, Polycarbonate Corner Guards</b> <small>(10 26 13 00-0036)</small>		
<b>10 26 13 00-0038</b> <b>90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards</b> <small>(10 26 13 00-0037)</small>		
10 26 13 00-0039    LF    3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16) .....	7.48	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.75	
10 26 13 00-0040    LF    1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17) .....	8.91	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.83	
10 26 13 00-0041    LF    2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24) .....	10.58	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.91	
10 26 13 00-0042    LF    2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18) .....	11.59	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.96	
10 26 13 00-0043    LF    Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23) .....	11.22	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.94	
<b>10 26 13 00-0044</b> <b>135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards</b> <small>(10 26 13 00-0037)</small>		
10 26 13 00-0045    LF    2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19) .....	11.59	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-2.96	
<b>10 26 13 00-0046</b> <b>Aluminum Corner Guards</b> <small>(10 26 13)</small>		
<b>10 26 13 00-0047</b> <b>Surface Mounted, Aluminum Corner Guards</b> <small>(10 26 13 00-0046)</small>		
<b>10 26 13 00-0048</b> <b>90 Degree Angle, Surface Mounted, Aluminum Corner Guards</b> <small>(10 26 13 00-0047)</small>		



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Wall and Door Protection</b>	<b>10 26</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0049	LF		1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400).....	10.39	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-2.90	
10 26 13 00-0050	LF		2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401).....	12.32	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.00	
10 26 13 00-0051	LF		3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402).....	13.52	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.06	
<b>10 26 13 00-0052</b>			<b>135 Degree Angle, Surface Mounted, Aluminum Corner Guards</b> (10 26 13 00-0047)		
10 26 13 00-0053	LF		1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403).....	10.39	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-2.90	
10 26 13 00-0054	LF		2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404).....	12.32	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.00	
10 26 13 00-0055	LF		3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405).....	13.52	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.06	
10 26 13 00-0056			<b>Steel Corner Guards</b> (10 26 13)		
10 26 13 00-0057			<b>Steel Angle Iron, Corner Guards</b> (10 26 13 00-0056)		
10 26 13 00-0058			<b>Surface Mounted, Steel Angle Iron, Corner Guards</b> (10 26 13 00-0057)		
10 26 13 00-0059			<b>90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards</b> (10 26 13 00-0058)		
10 26 13 00-0060	LF		1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	13.40	4.29
			<i>For Galvanizing, Add</i>	2.19	
			<i>For &gt;50 To 100, Deduct</i>	-1.78	
			<i>For &gt;100 To 200, Deduct</i>	-2.50	
			<i>For &gt;200, Deduct</i>	-3.52	
10 26 13 00-0061	LF		2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	16.88	4.64
			<i>For Galvanizing, Add</i>	3.20	
			<i>For &gt;50 To 100, Deduct</i>	-1.93	
			<i>For &gt;100 To 200, Deduct</i>	-2.71	
			<i>For &gt;200, Deduct</i>	-3.94	
10 26 13 00-0062	LF		2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	17.93	4.82
			<i>For Galvanizing, Add</i>	3.47	
			<i>For &gt;50 To 100, Deduct</i>	-2.01	
			<i>For &gt;100 To 200, Deduct</i>	-2.81	
			<i>For &gt;200, Deduct</i>	-4.11	
10 26 13 00-0063	LF		3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	18.34	4.99
			<i>For Galvanizing, Add</i>	3.51	
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.25	
10 26 13 00-0064	LF		3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	22.63	5.17
			<i>For Galvanizing, Add</i>	4.90	
			<i>For &gt;50 To 100, Deduct</i>	-2.16	
			<i>For &gt;100 To 200, Deduct</i>	-3.02	
			<i>For &gt;200, Deduct</i>	-4.58	
10 26 13 00-0065	LF		4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	26.95	5.35
			<i>For Galvanizing, Add</i>	6.31	
			<i>For &gt;50 To 100, Deduct</i>	-2.23	
			<i>For &gt;100 To 200, Deduct</i>	-3.12	
			<i>For &gt;200, Deduct</i>	-4.92	
10 26 13 00-0066	LF		6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard.....	45.52	7.13
			<i>For Galvanizing, Add</i>	11.77	
			<i>For &gt;50 To 100, Deduct</i>	-2.97	
			<i>For &gt;100 To 200, Deduct</i>	-4.16	
			<i>For &gt;200, Deduct</i>	-7.03	
10 26 13 00-0067			<b>Stainless Steel Corner Guards</b> (10 26 13)		
10 26 13 00-0068			<b>Stainless Steel Corner Guards</b> (10 26 13 00-0067)		
			Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26 13 00-0069			<b>Surface Mounted, Stainless Steel Corner Guards</b> (10 26 13 00-0068)		
10 26 13 00-0070			<b>90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards</b> (10 26 13 00-0069)		
10 26 13 00-0071	LF		1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520).....	11.49	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-2.95	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 26</b>	<b>Wall and Door Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0072	LF		2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510).....	13.19	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.04	
10 26 13 00-0073	LF		3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500) .....	17.62	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.26	
10 26 13 00-0074	LF		Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550).....	17.62	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.26	
10 26 13 00-0075			<b>135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards</b> <small>(10 26 13 00-0069)</small>		
10 26 13 00-0076	LF		3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600) .....	17.62	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.26	
10 26 13 00-0077	LF		Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650).....	17.62	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.26	
10 26 13 00-0078			<b>Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0067)</small>		
10 26 13 00-0079			<b>Surface Mounted, Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0078)</small>		
10 26 13 00-0080			<b>90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards</b> <small>(10 26 13 00-0079)</small>		
10 26 13 00-0081	LF		1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	21.61	4.29
			<i>For &gt;50 To 100, Deduct</i>	-1.78	
			<i>For &gt;100 To 200, Deduct</i>	-2.50	
			<i>For &gt;200, Deduct</i>	-3.93	
10 26 13 00-0082	LF		2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	35.18	4.64
			<i>For &gt;50 To 100, Deduct</i>	-1.93	
			<i>For &gt;100 To 200, Deduct</i>	-2.71	
			<i>For &gt;200, Deduct</i>	-4.85	
10 26 13 00-0083	LF		2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	48.69	4.82
			<i>For &gt;50 To 100, Deduct</i>	-2.01	
			<i>For &gt;100 To 200, Deduct</i>	-2.81	
			<i>For &gt;200, Deduct</i>	-5.65	
10 26 13 00-0084	LF		3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	45.60	4.99
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-5.61	
10 26 13 00-0085	LF		3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	64.59	5.17
			<i>For &gt;50 To 100, Deduct</i>	-2.16	
			<i>For &gt;100 To 200, Deduct</i>	-3.02	
			<i>For &gt;200, Deduct</i>	-6.68	
10 26 13 00-0086	LF		4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	59.84	5.35
			<i>For &gt;50 To 100, Deduct</i>	-2.23	
			<i>For &gt;100 To 200, Deduct</i>	-3.12	
			<i>For &gt;200, Deduct</i>	-6.56	
10 26 13 00-0087			<b>Rubber Corner Guards</b> <small>(10 26 13)</small>		
			Note: Includes adhesive for installation.		
10 26 13 00-0088			<b>Natural Rubber Corner Guards</b> <small>(10 26 13 00-0087)</small>		
10 26 13 00-0089			<b>Surface Mounted, Natural Rubber Corner Guards</b> <small>(10 26 13 00-0088)</small>		
10 26 13 00-0090			<b>90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards</b> <small>(10 26 13 00-0089)</small>		
10 26 13 00-0091	LF		4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	49.79	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-4.87	
			<i>For Bolting To Concrete Or Masonry, Add</i>	8.36	
10 26 13 00-0092			<b>Styrene-Butadiene Rubber (SBR) Corner Guards</b> <small>(10 26 13 00-0087)</small>		
10 26 13 00-0093			<b>Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards</b> <small>(10 26 13 00-0092)</small>		
10 26 13 00-0094			<b>90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards</b> <small>(10 26 13 00-0093)</small>		
10 26 13 00-0095	LF		4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	22.79	3.57
			<i>For &gt;50 To 100, Deduct</i>	-1.49	
			<i>For &gt;100 To 200, Deduct</i>	-2.08	
			<i>For &gt;200, Deduct</i>	-3.52	
			<i>For Bolting To Concrete Or Masonry, Add</i>	4.31	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall and Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0096 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0087)</small>		
10 26 13 00-0097 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0096)</small>		
10 26 13 00-0098 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0097)</small>		
10 26 13 00-0099 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	20.09	3.57
For >50 To 100, Deduct	-1.49	
For >100 To 200, Deduct	-2.08	
For >200, Deduct	-3.38	
For Bolting To Concrete Or Masonry, Add	3.91	
<b>10 26 16 Bumper Guards <small>(10 26)</small></b>		
<b>10 26 16 13 Bumper Rails <small>(10 26 16)</small></b>		
10 26 16 13-0001 Crash Rails <small>(10 26 16 13)</small> Note: Includes end caps.		
10 26 16 13-0002 Polycarbonate Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0003 LF 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	13.09	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-4.46	
10 26 16 13-0004 LF 4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	14.36	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-4.53	
10 26 16 13-0005 Aluminum Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0006 LF 4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	36.43	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-5.63	
10 26 16 13-0007 Stainless Steel Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0008 LF 4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100).....	63.33	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-6.97	
10 26 16 13-0009 LF 5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200).....	49.88	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-6.30	
10 26 16 13-0010 Wall Guards <small>(10 26 16 13)</small>		
10 26 16 13-0011 Rigid Vinyl Wall Guards With Aluminum Retainers <small>(10 26 16 13-0010)</small> Note: Includes end caps.		
10 26 16 13-0012 LF 1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1).....	13.37	4.17
For >50 To 100, Deduct	-2.08	
For >100 To 200, Deduct	-2.91	
For >200, Deduct	-4.00	
10 26 16 13-0013 LF 3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3).....	16.23	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-4.62	
10 26 16 13-0014 LF 4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4).....	17.48	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-4.68	
10 26 16 13-0015 LF 5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5).....	18.16	4.76
For >50 To 100, Deduct	-2.38	
For >100 To 200, Deduct	-3.33	
For >200, Deduct	-4.72	
10 26 16 13-0016 LF 6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6).....	21.55	5.05
For >50 To 100, Deduct	-2.53	
For >100 To 200, Deduct	-3.54	
For >200, Deduct	-5.12	
10 26 16 13-0017 LF 8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7).....	21.66	5.05
For >50 To 100, Deduct	-2.53	
For >100 To 200, Deduct	-3.54	
For >200, Deduct	-5.13	
10 26 16 13-0018 LF 7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8).....	22.26	5.05
For >50 To 100, Deduct	-2.53	
For >100 To 200, Deduct	-3.54	
For >200, Deduct	-5.16	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 26</b>	<b>Wall and Door Protection</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0019	LF		12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12).....	26.63	5.35
			<i>For &gt;50 To 100, Deduct</i>	-2.68	
			<i>For &gt;100 To 200, Deduct</i>	-3.75	
			<i>For &gt;200, Deduct</i>	-5.61	
<b>10 26 16 13-0020</b>			<b>Rubber Wall Guards</b> <small>(10 26 16 13-0010)</small>		
<b>10 26 16 13-0021</b>			<b>D-Shaped, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0022	LF		2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2).....	17.67	4.17
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.21	
10 26 16 13-0023	LF		3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3).....	25.66	4.76
			<i>For &gt;50 To 100, Deduct</i>	-2.38	
			<i>For &gt;100 To 200, Deduct</i>	-3.33	
			<i>For &gt;200, Deduct</i>	-5.09	
10 26 16 13-0024	LF		4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4).....	37.30	4.76
			<i>For &gt;50 To 100, Deduct</i>	-2.38	
			<i>For &gt;100 To 200, Deduct</i>	-3.33	
			<i>For &gt;200, Deduct</i>	-5.67	
10 26 16 13-0025	LF		6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6).....	51.96	4.76
			<i>For &gt;50 To 100, Deduct</i>	-2.38	
			<i>For &gt;100 To 200, Deduct</i>	-3.33	
			<i>For &gt;200, Deduct</i>	-6.41	
<b>10 26 16 13-0026</b>			<b>Rectangular, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0027	LF		8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1).....	39.91	5.05
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100 To 200, Deduct</i>	-3.54	
			<i>For &gt;200, Deduct</i>	-6.04	
10 26 16 13-0028	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2).....	50.12	5.35
			<i>For &gt;50 To 100, Deduct</i>	-2.68	
			<i>For &gt;100 To 200, Deduct</i>	-3.75	
			<i>For &gt;200, Deduct</i>	-6.79	
<b>10 26 16 13-0029</b>			<b>Wing Type, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0030	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20).....	64.68	4.76
			<i>For &gt;50 To 100, Deduct</i>	-2.38	
			<i>For &gt;100 To 200, Deduct</i>	-3.33	
			<i>For &gt;200, Deduct</i>	-7.04	
10 26 16 13-0031	LF		6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30).....	68.71	4.76
			<i>For &gt;50 To 100, Deduct</i>	-2.38	
			<i>For &gt;100 To 200, Deduct</i>	-3.33	
			<i>For &gt;200, Deduct</i>	-7.24	
10 26 16 13-0032	LF		3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	31.84	4.17
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.92	
<b>10 26 16 13-0033</b>			<b>U-Shaped, Rubber Wall Guards</b> <small>(10 26 16 13-0020)</small>		
10 26 16 13-0034	LF		3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	54.84	5.05
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100 To 200, Deduct</i>	-3.54	
			<i>For &gt;200, Deduct</i>	-6.79	
10 26 16 13-0035	LF		4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	61.23	5.05
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100 To 200, Deduct</i>	-3.54	
			<i>For &gt;200, Deduct</i>	-7.11	
<b>10 26 16 13-0036</b>			<b>Accent Rails</b> <small>(10 26 16 13)</small>		
			Note: Includes end caps.		
<b>10 26 16 13-0037</b>			<b>Oval, Rigid Vinyl Accent Rails With Aluminum Retainers</b> <small>(10 26 16 13-0036)</small>		
10 26 16 13-0038	LF		1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25).....	15.57	4.17
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.11	
10 26 16 13-0039	LF		2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30).....	15.59	4.17
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.11	
10 26 16 13-0040	LF		2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22).....	21.79	4.17
			<i>For &gt;50 To 100, Deduct</i>	-2.08	
			<i>For &gt;100 To 200, Deduct</i>	-2.91	
			<i>For &gt;200, Deduct</i>	-4.42	
<b>10 26 16 16</b>			<b>Protective Corridor Handrails</b> <small>(10 26 16)</small>		
10 26 16 16-0001			Protective Corridor Handrails <small>(10 26 16 16)</small>		



<b>Specialties</b>	<b>10</b>	<b>10</b>
Interior Specialties	10 20	
Wall and Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers</b> <small>(10 26 16 16-0001)</small>		
10 26 16 16-0003 LF 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN).....	33.66	8.92
For >50 To 100, Deduct	-4.46	
For >100 To 200, Deduct	-6.24	
For >200, Deduct	-8.82	
10 26 16 16-0004 EA End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	29.14	8.92
For >25 To 50, Deduct	-4.46	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-8.59	
10 26 16 16-0005 LF 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C).....	47.22	8.92
For >50 To 100, Deduct	-4.46	
For >100 To 200, Deduct	-6.24	
For >200, Deduct	-9.50	
10 26 16 16-0006 EA End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	38.18	8.92
For >25 To 50, Deduct	-4.46	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-9.05	
10 26 16 16-0007 LF 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN).....	49.48	8.92
For >50 To 100, Deduct	-4.46	
For >100 To 200, Deduct	-6.24	
For >200, Deduct	-9.61	
10 26 16 16-0008 EA End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn).....	54.00	8.92
For >25 To 50, Deduct	-4.46	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-9.84	
10 26 16 16-0009 LF 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN).....	65.29	8.92
For >50 To 100, Deduct	-4.46	
For >100 To 200, Deduct	-6.24	
For >200, Deduct	-10.40	
10 26 16 16-0010 EA End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	72.07	8.92
For >25 To 50, Deduct	-4.46	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-10.74	
<b>10 26 16 16-0011 Stainless Steel Protective Corridor Handrails</b> <small>(10 26 16 16-0001)</small>		
10 26 16 16-0012 LF 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS).....	87.89	8.92
For >50 To 100, Deduct	-4.46	
For >100 To 200, Deduct	-6.24	
For >200, Deduct	-11.53	
10 26 16 16-0013 EA End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn).....	90.15	8.92
For >25 To 50, Deduct	-4.46	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-11.64	
<b>10 26 16 16-0014 Hardwood Protective Corridor Handrails</b> <small>(10 26 16 16-0001)</small>		
Note: Includes end caps.		
10 26 16 16-0015 LF 4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C).....	33.40	7.90
For >50 To 100, Deduct	-3.95	
For >100 To 200, Deduct	-5.53	
For >200, Deduct	-7.99	
For Maple, Add	0.53	
10 26 16 16-0016 LF 5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500).....	39.47	8.42
For >50 To 100, Deduct	-4.21	
For >100 To 200, Deduct	-5.89	
For >200, Deduct	-8.71	
10 26 16 16-0017 LF 1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500).....	29.63	7.90
For >50 To 100, Deduct	-3.95	
For >100 To 200, Deduct	-5.53	
For >200, Deduct	-7.80	
For Maple, Add	5.95	
For Oak, Add	6.64	
<b>10 26 23 Protective Wall Covering</b> <small>(10 26)</small>		
<b>10 26 23 13 Impact Resistant Wall Protection</b> <small>(10 26 23)</small>		
<b>10 26 23 13-0001 Impact Resistant Wall Protection</b> <small>(10 26 23 13)</small>		
Note: Includes standard trim.		
10 26 23 13-0002 SF 0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	8.63	2.98
10 26 23 13-0003 SF 0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	8.95	2.98
10 26 23 13-0004 SF 0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	10.84	2.98
<b>10 26 23 13-0005 Interior Polyvinyl Chloride (PVC) Soffit System</b> <small>(10 26 23 13)</small>		
Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
<b>10 26 23 13-0006 "L" Design</b> <small>(10 26 23 13-0005)</small>		
<b>10 26 23 13-0007 L-Shield</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0008 LF 2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	17.16	2.98

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 26</b>	<b>Wall and Door Protection</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0009 LF 3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe .....	19.81	4.17
10 26 23 13-0010 LF 3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe .....	26.02	5.35
10 26 23 13-0011 LF 5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe .....	35.78	6.54
<b>10 26 23 13-0012 "Combo" Hanger</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0013 EA Combination "Combo" Hanger, L-Support, For 3/4" Pipe .....	18.74	5.95
10 26 23 13-0014 EA Combination "Combo" Hanger, L-Support, For 1" Pipe .....	21.65	7.14
10 26 23 13-0015 EA Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe .....	25.00	8.32
10 26 23 13-0016 EA Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe .....	27.78	9.52
10 26 23 13-0017 EA Combination "Combo" Hanger, L-Support, For 2" Pipe .....	31.13	10.71
<b>10 26 23 13-0018 Snap-2 Pipe Hanger</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0019 EA Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe .....	15.46	5.95
10 26 23 13-0020 EA Snap-2 Pipe Hanger, L-Support, For 1" Pipe .....	18.78	7.14
10 26 23 13-0021 EA Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe .....	21.86	8.32
10 26 23 13-0022 EA Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe .....	25.46	9.52
10 26 23 13-0023 EA Snap-2 Pipe Hanger, L-Support, For 2" Pipe .....	29.21	10.71
<b>10 26 23 13-0024 Coupling</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0025 EA Coupling, L-Shield, 1" Shield Size .....	10.19	2.98
10 26 23 13-0026 EA Coupling, L-Shield, 1-1/4" Shield Size .....	14.75	4.17
10 26 23 13-0027 EA Coupling, L-Shield, 2" Shield Size .....	21.24	5.35
10 26 23 13-0028 EA Coupling, L-Shield, 2-1/2" Shield Size .....	26.62	6.54
<b>10 26 23 13-0029 Coupling, Reducer</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0030 EA Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size .....	29.02	3.57
10 26 23 13-0031 EA Coupling, Reducing, L-Shield, 2" x 1" Shield Size .....	35.67	4.17
10 26 23 13-0032 EA Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size .....	42.34	4.76
10 26 23 13-0033 EA Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size .....	166.14	5.95
<b>10 26 23 13-0034 Shield Clips</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0035 EA Shield Clips, L-Support, 1" Shield Size .....	6.17	1.78
10 26 23 13-0036 EA Shield Clips, L-Support, 1-1/4" Shield Size .....	9.23	2.98
10 26 23 13-0037 EA Shield Clips, L-Support, 2" Shield Size .....	12.15	4.17
10 26 23 13-0038 EA Shield Clips, L-Support, 2-1/2" Shield Size .....	13.72	5.35
<b>10 26 23 13-0039 Wall Flange</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0040 EA Wall Flange, L-Shield, 1" Shield Size .....	9.92	2.98
10 26 23 13-0041 EA Wall Flange, L-Shield, 1-1/4" Shield Size .....	14.20	4.17
10 26 23 13-0042 EA Wall Flange, L-Shield, 2" Shield Size .....	20.69	5.35
10 26 23 13-0043 EA Wall Flange, L-Shield, 2-1/2" Shield Size .....	86.45	6.54
<b>10 26 23 13-0044 End Cap</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0045 EA End Cap, L-Shield, 1" Shield Size .....	10.27	1.78
10 26 23 13-0046 EA End Cap, L-Shield, 1-1/4" Shield Size .....	13.61	2.98
10 26 23 13-0047 EA End Cap, L-Shield, 2" Shield Size .....	18.85	4.17
10 26 23 13-0048 EA End Cap, L-Shield, 2-1/2" Shield Size .....	88.10	5.35
<b>10 26 23 13-0049 Inside/Outside Corner</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0050 EA Inside/Outside Corner, L-Shield, 1" Shield Size .....	64.27	5.95
10 26 23 13-0051 EA Inside/Outside Corner, L-Shield, 1-1/4" Shield Size .....	69.24	7.14
10 26 23 13-0052 EA Inside/Outside Corner, L-Shield, 2" Shield Size .....	83.62	8.93
10 26 23 13-0053 EA Inside/Outside Corner, L-Shield, 2-1/2" Shield Size .....	146.53	10.71
<b>10 26 23 13-0054 Joiner</b> <small>(10 26 23 13-0006)</small>		
10 26 23 13-0055 LF Joiner, L-Shield .....	13.28	1.78
<b>10 26 23 13-0056 "U" Design</b> <small>(10 26 23 13-0005)</small>		
<b>10 26 23 13-0057 U-Shield</b> <small>(10 26 23 13-0056)</small>		
10 26 23 13-0058 LF 2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe .....	20.72	2.98
10 26 23 13-0059 LF 2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe .....	25.82	4.17
10 26 23 13-0060 LF 3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe .....	33.00	4.17
<b>10 26 23 13-0061 "Combo" Hanger</b> <small>(10 26 23 13-0056)</small>		
10 26 23 13-0062 EA Combination "Combo" Hanger, U-Support For 3/4" Pipe .....	16.14	5.95
10 26 23 13-0063 EA Combination "Combo" Hanger, U-Support For 1" Pipe .....	19.19	7.14
10 26 23 13-0064 EA Combination "Combo" Hanger, U-Support For 1-1/4" Pipe .....	22.13	8.32



<b>Specialties</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>
<b>Wall and Door Protection</b>	<b>10 26</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0065 EA Combination "Combo" Hanger, U-Support For 1-1/2" Pipe.....	27.37	9.52
10 26 23 13-0066 EA Combination "Combo" Hanger, U-Support For 2" Pipe.....	30.99	10.71
<b>10 26 23 13-0067 Snap-2 Pipe Hanger (10 26 23 13-0056)</b>		
10 26 23 13-0068 EA Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe .....	15.18	5.95
10 26 23 13-0069 EA Snap-2 Pipe Hanger, U-Support, For 1" Pipe .....	18.51	7.14
10 26 23 13-0070 EA Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe .....	22.54	8.32
10 26 23 13-0071 EA Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe .....	25.18	9.52
10 26 23 13-0072 EA Snap-2 Pipe Hanger, U-Support, For 2" Pipe .....	29.08	10.71
<b>10 26 23 13-0073 Coupling (10 26 23 13-0056)</b>		
10 26 23 13-0074 EA Coupling, U-Shield, 1" Shield Size.....	12.10	2.98
10 26 23 13-0075 EA Coupling, U-Shield, 1-1/4" Shield Size.....	15.16	4.17
10 26 23 13-0076 EA Coupling, U-Shield, 2" Shield Size.....	18.50	5.35
<b>10 26 23 13-0077 Coupling, Reducer (10 26 23 13-0056)</b>		
10 26 23 13-0078 EA Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size .....	34.49	3.57
10 26 23 13-0079 EA Reducing Coupling, U-Shield, 2" x 1" Shield Size .....	41.14	4.17
10 26 23 13-0080 EA Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size .....	43.70	4.76
<b>10 26 23 13-0081 Shield Clips (10 26 23 13-0056)</b>		
10 26 23 13-0082 EA Shield Clips, U-Support, 1" Shield Size .....	5.62	1.78
10 26 23 13-0083 EA Shield Clips, U-Support, 1-1/4" Shield Size .....	8.27	2.98
10 26 23 13-0084 EA Shield Clips, U-Support, 2" Shield Size .....	10.92	4.17
<b>10 26 23 13-0085 Wall Flange (10 26 23 13-0056)</b>		
10 26 23 13-0086 EA Wall Flange, U-Shield, 1" Shield Size .....	11.69	2.98
10 26 23 13-0087 EA Wall Flange, U-Shield, 1-1/4" Shield Size .....	15.02	4.17
10 26 23 13-0088 EA Wall Flange, U-Shield, 2" Shield Size .....	18.37	5.35
<b>10 26 23 13-0089 End Cap (10 26 23 13-0056)</b>		
10 26 23 13-0090 EA End Cap, U-Shield, 1" Shield Size.....	10.95	1.78
10 26 23 13-0091 EA End Cap, U-Shield, 1-1/4" Shield Size.....	14.70	2.98
10 26 23 13-0092 EA End Cap, U-Shield, 2" Shield Size.....	18.30	4.17
<b>10 26 23 13-0093 Inside/Outside Corner (10 26 23 13-0056)</b>		
10 26 23 13-0094 EA Inside/Outside Corner, U-Shield, 1" Shield Size .....	80.81	5.95
10 26 23 13-0095 EA Inside/Outside Corner, U-Shield, 1-1/4" Shield Size .....	89.88	7.14
10 26 23 13-0096 EA Inside/Outside Corner, U-Shield, 2" Shield Size .....	106.32	8.93
<b>10 26 23 13-0097 Elbow (10 26 23 13-0056)</b>		
10 26 23 13-0098 EA Elbow, U-Shield, 1" Shield Size .....	79.31	5.95
10 26 23 13-0099 EA Elbow, U-Shield, 1-1/4" Shield Size .....	87.15	7.14
10 26 23 13-0100 EA Elbow, U-Shield, 2" Shield Size .....	103.72	8.93
<b>10 26 23 13-0101 Tee (10 26 23 13-0056)</b>		
10 26 23 13-0102 EA Tee, U-Shield, 1" x 1" x 1" Shield Size .....	100.30	8.93
10 26 23 13-0103 EA Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size .....	111.53	10.71
10 26 23 13-0104 EA Tee, U-Shield, 2" x 2" x 2" Shield Size.....	130.24	13.08
10 26 23 13-0105 EA Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size .....	132.35	10.12
10 26 23 13-0106 EA Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size .....	142.71	12.49
<b>10 26 23 13-0107 Cross (10 26 23 13-0056)</b>		
10 26 23 13-0108 EA Cross, U-Shield, 1" Shield Size .....	181.72	11.90
10 26 23 13-0109 EA Cross, U-Shield, 1-1/4" Shield Size .....	203.57	14.27
10 26 23 13-0110 EA Cross, U-Shield, 2" Shield Size .....	247.36	17.85
10 26 23 13-0111 EA Cross, U-Shield, 1-1/4" x 1" Shield Size .....	249.33	13.08
10 26 23 13-0112 EA Cross, U-Shield, 2" x 1-1/4" Shield Size .....	274.15	16.06
<b>10 26 23 13-0113 Transition Fittings (L to U Or U to L) (10 26 23 13-0005)</b>		
<b>10 26 23 13-0114 Coupling Transition (10 26 23 13-0113)</b>		
10 26 23 13-0115 EA Transition Coupling, 1" x 1", LxU or UxL.....	30.84	2.98
10 26 23 13-0116 EA Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL .....	34.85	4.17
10 26 23 13-0117 EA Transition Coupling, 2" x 2", LxU or UxL.....	43.39	5.35
10 26 23 13-0118 EA Transition Coupling, 1" x 1-1/4", LxU or UxL.....	34.90	3.57
10 26 23 13-0119 EA Transition Coupling, 1-1/4" x 2", LxU or UxL.....	43.43	4.76
10 26 23 13-0120 EA Transition Coupling, 2" x 2-1/2", LxU or UxL.....	173.93	5.95



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 26</b>	<b>Wall and Door Protection</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
<b>10 26 23 13-0121 Elbow Transition</b> <small>(10 26 23 13-0113)</small>					
10 26 23	13-0122	EA Transition Elbow, 1" x 1" (UxL) .....	106.79		5.95
10 26 23	13-0123	EA Transition Elbow, 1-1/4" x 1-1/4" (UxL) .....	115.73		7.14
10 26 23	13-0124	EA Transition Elbow, 2" x 2" (UxL) .....	135.72		8.93
10 26 23	13-0125	EA Transition Elbow, 1" x 1-1/4" (UxL) .....	166.22		6.54
10 26 23	13-0126	EA Transition Elbow, 1-1/4" x 1" (UxL) .....	117.55		6.54
10 26 23	13-0127	EA Transition Elbow, 1-1/4" x 2" (UxL) .....	175.55		8.32
10 26 23	13-0128	EA Transition Elbow, 2" x 1-1/4" (UxL) .....	136.03		8.32
10 26 23	13-0129	EA Transition Elbow, 2" x 2-1/2" (UxL) .....	211.01		9.52
<b>10 26 23 13-0130 Tee Transition</b> <small>(10 26 23 13-0113)</small>					
10 26 23	13-0131	EA Transition Tee, 1" x 1" x 1" (LxLxU) .....	122.32		8.93
10 26 23	13-0132	EA Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU) .....	141.47		10.71
10 26 23	13-0133	EA Transition Tee, 2" x 2" x 2" (LxLxU) .....	164.56		13.08
10 26 23	13-0134	EA Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU) .....	129.21		10.12
10 26 23	13-0135	EA Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU) .....	203.10		11.30
10 26 23	13-0136	EA Transition Tee, 2" x 2" x 1-1/4" (LxLxU) .....	143.94		12.49
10 26 23	13-0137	EA Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU) .....	196.56		14.88
<b>10 26 23 13-0138 Fittings (L Or U)</b> <small>(10 26 23 13-0005)</small>					
<b>10 26 23 13-0139 Hugger Hangers For Steel Pipe</b> <small>(10 26 23 13-0138)</small>					
10 26 23	13-0140	EA Hugger Hanger, For 1/2" Steel Pipe .....	12.39		4.76
10 26 23	13-0141	EA Hugger Hanger, For 3/4" Steel Pipe .....	15.46		5.95
10 26 23	13-0142	EA Hugger Hanger, For 1" Steel Pipe .....	18.10		7.14
10 26 23	13-0143	EA Hugger Hanger, For 1-1/4" Steel Pipe .....	20.90		8.32
10 26 23	13-0144	EA Hugger Hanger, For 1-1/2" Steel Pipe .....	23.54		9.52
10 26 23	13-0145	EA Hugger Hanger, For 2" Steel Pipe .....	26.48		9.52
10 26 23	13-0146	EA Hugger Hanger, For 2-1/2" Steel Pipe .....	29.12		11.90
10 26 23	13-0147	EA Hugger Hanger, For 3" Steel Pipe .....	36.57		13.08
<b>10 26 23 13-0148 Hugger Hangers For Copper Pipe</b> <small>(10 26 23 13-0138)</small>					
10 26 23	13-0149	EA 1/2" Copper Pipe, Hugger Hanger .....	12.53		4.76
10 26 23	13-0150	EA 3/4" Copper Pipe, Hugger Hanger .....	15.59		5.95
10 26 23	13-0151	EA 1" Copper Pipe, Hugger Hanger .....	18.24		7.14
10 26 23	13-0152	EA 1-1/4" Copper Pipe, Hugger Hanger .....	21.04		8.32
10 26 23	13-0153	EA 1-1/2" Copper Pipe, Hugger Hanger .....	23.68		9.52
10 26 23	13-0154	EA 2" Copper Pipe, Hugger Hanger .....	26.75		10.71
10 26 23	13-0155	EA 2-1/2" Copper Pipe, Hugger Hanger .....	29.40		11.90
10 26 23	13-0156	EA 3" Copper Pipe, Hugger Hanger .....	36.98		13.08
<b>10 26 23 13-0157 Shield Extension (L Or U)</b> <small>(10 26 23 13-0138)</small>					
10 26 23	13-0158	LF Shield Extension .....	16.15		1.78
<b>10 26 41 Bullet Resistant Panels</b> <small>(10 26)</small>					
<b>10 26 41 00-0001 Laminated Bullet Resistant Fiberglass Panel</b> <small>(10 26 41)</small>					
Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.					
10 26 41	00-0002	SF 1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 Lb./SF .....	22.47		1.67
10 26 41	00-0003	SF 3/16" Thick Ballistic Resistant Fiberglass Panel, 2 Lb./SF .....	30.77		1.80
10 26 41	00-0004	SF 1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 Lb./SF .....	34.79		1.92
10 26 41	00-0005	SF 5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 Lb./SF .....	37.02		2.04
10 26 41	00-0006	SF 3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 Lb./SF .....	40.10		2.15
10 26 41	00-0007	SF 7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 Lb./SF .....	43.15		2.27
10 26 41	00-0008	SF 9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 Lb./SF .....	73.22		2.75
10 26 41	00-0009	SF 1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 Lb./SF .....	105.21		4.31
10 26 41	00-0010	SF 1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 Lb./SF .....	125.11		5.14
10 26 41	00-0011	SF 1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 Lb./SF .....	150.98		5.63
<b>10 28 Toilet, Bath, and Laundry Accessories</b> <small>(10 20)</small>					
<b>10 28 13 Toilet Accessories</b> <small>(10 28)</small>					
<b>10 28 13 13 Commercial Toilet Accessories</b> <small>(10 28 13)</small>					
10 28 13	13-0001	Toilet Accessories <small>(10 28 13 13)</small>			
10 28 13	13-0002	Dispensers <small>(10 28 13 13-0001)</small>			
10 28 13	13-0003	Paper Towel Dispensers <small>(10 28 13 13-0002)</small>			
10 28 13	13-0004	Stainless Steel Paper Towel Dispensers <small>(10 28 13 13-0003)</small>			
10 28 13	13-0005	EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262) .....	114.01		26.76



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Toilet, Bath, and Laundry Accessories</b>	<b>10 28</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0006 EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620).....	121.64	26.76
10 28 13 13-0007 EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621).....	122.77	26.76
10 28 13 13-0008 EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212).....	124.96	26.76
10 28 13 13-0009 EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263).....	185.25	26.76
10 28 13 13-0010 EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359).....	200.27	26.76
10 28 13 13-0011 EA Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262).....	218.17	26.76
10 28 13 13-0012 EA Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526).....	224.07	11.89
10 28 13 13-0013 EA Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318).....	376.95	26.76
10 28 13 13-0014 EA Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860).....	443.93	26.76
10 28 13 13-0015 EA Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369).....	478.46	26.76
<b>10 28 13 13-0016 Plastic Paper Towel Dispensers (10 28 13 13-0003)</b>		
10 28 13 13-0017 EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262).....	88.00	26.76
10 28 13 13-0018 EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860).....	175.64	26.76
10 28 13 13-0019 EA Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860).....	174.46	26.76
<b>10 28 13 13-0020 Aluminum Paper Towel Dispensers (10 28 13 13-0003)</b>		
10 28 13 13-0021 EA Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253).....	95.64	26.76
<b>10 28 13 13-0022 Toilet Tissue Dispensers (10 28 13 13-0002)</b>		
<b>10 28 13 13-0023 Plastic Toilet Tissue Dispensers (10 28 13 13-0022)</b>		
10 28 13 13-0024 EA Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288).....	87.72	26.76
10 28 13 13-0025 EA Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250).....	120.43	26.76
<b>10 28 13 13-0026 Cast Aluminum Toilet Tissue Dispensers (10 28 13 13-0022)</b>		
10 28 13 13-0027 EA Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730).....	79.81	26.76
10 28 13 13-0028 EA Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273).....	80.37	26.76
10 28 13 13-0029 EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740).....	84.33	26.76
10 28 13 13-0030 EA Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274).....	91.68	26.76
10 28 13 13-0031 EA Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460).....	118.81	26.76
<b>10 28 13 13-0032 Stainless Steel Toilet Tissue Dispensers (10 28 13 13-0022)</b>		
10 28 13 13-0033 EA Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264).....	68.78	26.76
10 28 13 13-0034 EA Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540).....	185.55	26.76
10 28 13 13-0035 EA Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543).....	110.48	26.76
10 28 13 13-0036 EA Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663).....	105.53	26.76
10 28 13 13-0037 EA Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685).....	114.15	26.76
10 28 13 13-0038 EA Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686).....	148.38	29.73
10 28 13 13-0039 EA Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857).....	114.15	26.76
10 28 13 13-0040 EA Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867).....	148.38	26.76
10 28 13 13-0041 EA Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997).....	159.38	26.76
10 28 13 13-0042 EA Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999).....	245.70	26.76
10 28 13 13-0043 EA Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-69997).....	245.70	26.76
10 28 13 13-0044 EA Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890).....	105.71	26.76
10 28 13 13-0045 EA Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272).....	123.05	26.76
10 28 13 13-0046 EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265).....	79.23	26.76
10 28 13 13-0047 EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888).....	131.82	26.76
10 28 13 13-0048 EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888).....	184.71	26.76
10 28 13 13-0049 EA Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288).....	192.04	26.76
10 28 13 13-0050 EA Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388).....	242.96	26.76
10 28 13 13-0051 EA Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892).....	223.91	26.76
10 28 13 13-0052 EA Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386).....	346.01	26.76
Note: Mounts centered through toilet partitions.		
10 28 13 13-0053 EA Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840).....	151.05	26.76
<b>10 28 13 13-0054 Soap or Sanitizer Dispensers (10 28 13 13-0002)</b>		
10 28 13 13-0055 EA 20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221).....	104.12	26.76
For 34 Fluid Ounce (B-822), Add	4.93	
10 28 13 13-0056 EA 20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216).....	112.60	26.76
For 34 Fluid Ounce (B-822), Add	4.93	
10 28 13 13-0057 EA 24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156).....	71.89	26.76
10 28 13 13-0058 EA 24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155).....	77.82	26.76
10 28 13 13-0059 EA 40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40).....	94.06	26.76
10 28 13 13-0060 EA 40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42).....	96.51	26.76
10 28 13 13-0061 EA 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112).....	105.81	26.76

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 28</b>	<b>Toilet, Bath, and Laundry Accessories</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 28 13 13-0062	EA	40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112)	132.67		26.76
10 28 13 13-0063	EA	45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306)	224.01		26.76
10 28 13 13-0064	EA	50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063)	354.33		26.76
10 28 13 13-0065	EA	800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18)	221.55		26.76
Note: Includes start-up kit.					
<b>10 28 13 13-0066</b>		<b>Sanitizer Dispensers</b> <small>(10 28 13 13-0002)</small>			
<b>10 28 13 13-0067</b>		<b>Manual Sanitizer Dispensers</b> <small>(10 28 13 13-0066)</small>			
10 28 13 13-0068	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purell 5020-01)	83.30		26.76
10 28 13 13-0069	EA	1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purell 4510-00)	84.51		26.76
10 28 13 13-0070	EA	1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purell 8824-06-UV)	84.13		26.76
<b>10 28 13 13-0071</b>		<b>Automatic Sanitizer Dispensers</b> <small>(10 28 13 13-0066)</small>			
10 28 13 13-0072	EA	1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA)	78.14		26.76
10 28 13 13-0073	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 6420-01 ES6)	100.75		26.76
10 28 13 13-0074	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purell 6520-01 CS6)	95.11		26.76
10 28 13 13-0075	EA	1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 7720-01 ES8)	102.02		26.76
10 28 13 13-0076	EA	1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058)	116.99		26.76
10 28 13 13-0077	EA	2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 5240-06)	117.70		26.76
<b>10 28 13 13-0078</b>		<b>Automatic Floor Stand Sanitizer Dispensers</b> <small>(10 28 13 13-0066)</small>			
10 28 13 13-0079	EA	1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS)	574.35		8.92
10 28 13 13-0080	EA	1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV)	617.64		8.92
10 28 13 13-0081	EA	1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02)	641.84		8.92
<b>10 28 13 13-0082</b>		<b>Facial Tissue Dispensers</b> <small>(10 28 13 13-0002)</small>			
10 28 13 13-0083	EA	Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397)	119.39		26.76
10 28 13 13-0084	EA	Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355)	86.26		26.76
<b>10 28 13 13-0085</b>		<b>Sanitary Toilet Seat Cover Dispensers</b> <small>(10 28 13 13-0002)</small>			
10 28 13 13-0086	EA	Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221)	70.75		26.76
10 28 13 13-0087	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221)	93.09		26.76
10 28 13 13-0088	EA	Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221)	163.49		26.76
10 28 13 13-0089	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301)	172.28		26.76
10 28 13 13-0090	EA	Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013)	335.96		26.76
<b>10 28 13 13-0091</b>		<b>Sanitary Toilet Seat Cover/Toilet Tissue Dispensers</b> <small>(10 28 13 13-0002)</small>			
10 28 13 13-0092	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479)	532.83		26.76
10 28 13 13-0093	EA	Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745)	326.27		26.76
<b>10 28 13 13-0094</b>		<b>Sanitary Napkin/Tampon Dispensers</b> <small>(10 28 13 13-0002)</small>			
10 28 13 13-0095	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C)	657.10		26.76
10 28 13 13-0096	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25)	500.47		26.76
10 28 13 13-0097	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706)	665.72		26.76
10 28 13 13-0098	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25)	505.30		26.76
10 28 13 13-0099	EA	Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4 )	444.73		26.76
10 28 13 13-0100	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45)	578.21		26.76
<b>10 28 13 13-0101</b>		<b>Toilet Compartment Combination Dispenser/Disposals</b> <small>(10 28 13 13-0002)</small>			
10 28 13 13-0102	EA	Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094)	468.46		59.46
10 28 13 13-0103	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474)	522.35		59.46
10 28 13 13-0104	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745)	434.21		59.46
10 28 13 13-0105	EA	Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574)	608.87		59.46
10 28 13 13-0106	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347)	625.54		59.46
10 28 13 13-0107	EA	Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357)	718.56		59.46
10 28 13 13-0108	EA	Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579)	674.07		59.46
<b>10 28 13 13-0109</b>		<b>Receptacles</b> <small>(10 28 13 13-0001)</small>			
<b>10 28 13 13-0110</b>		<b>Wall Mounted Waste Receptacles</b> <small>(10 28 13 13-0109)</small>			
10 28 13 13-0111	EA	1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3)	105.78		26.76
10 28 13 13-0112	EA	6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279)	173.66		26.76



<b>Specialties</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>
<b>Toilet, Bath, and Laundry Accessories</b>	<b>10 28</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0113	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644) .....	401.08	59.46
10 28 13 13-0114	EA		12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644) .....	592.19	59.46
10 28 13 13-0115	EA		20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275) .....	470.34	59.46
<b>10 28 13 13-0116</b>			<b>Floor-Standing/Counter Waste Receptacles</b> <small>(10 28 13 13-0109)</small>		
10 28 13 13-0117	EA		5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532) .....	124.33	26.76
10 28 13 13-0118	EA		5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529) .....	176.77	26.76
10 28 13 13-0119	EA		13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260) .....	332.65	11.89
10 28 13 13-0120	EA		13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250) .....	502.85	11.89
10 28 13 13-0121	EA		18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300) .....	471.13	11.89
10 28 13 13-0122	EA		21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280) .....	453.09	11.89
<b>10 28 13 13-0123</b>			<b>Combination Paper Towel Dispenser/ Waste Receptacle</b> <small>(10 28 13 13-0109)</small>		
10 28 13 13-0124	EA		2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369) .....	333.23	59.46
10 28 13 13-0125	EA		2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369) .....	531.97	59.46
10 28 13 13-0126	EA		2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944) .....	524.06	59.46
10 28 13 13-0127	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900) .....	758.85	59.46
10 28 13 13-0128	EA		12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909) .....	1,042.32	59.46
10 28 13 13-0129	EA		12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961) .....	881.97	59.46
10 28 13 13-0130	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949) .....	681.27	59.46
10 28 13 13-0131	EA		12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619) .....	1,099.65	59.46
10 28 13 13-0132	EA		16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944) .....	1,017.97	65.41
10 28 13 13-0133	EA		18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947) .....	686.63	65.41
<b>10 28 13 13-0134</b>			<b>Sanitary Napkin/Tampon Receptacles</b> <small>(10 28 13 13-0109)</small>		
10 28 13 13-0135	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270) .....	98.19	29.73
10 28 13 13-0136	EA		Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254) .....	191.44	29.73
10 28 13 13-0137	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353) .....	207.88	29.73
10 28 13 13-0138	EA		Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303) .....	479.85	29.73
10 28 13 13-0139	EA		Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354) .....	256.50	29.73
10 28 13 13-0140	EA		Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354) .....	446.21	29.73
<b>10 28 13 13-0141</b>			<b>Grab Bars</b> <small>(10 28 13 13-0001)</small>		
<b>10 28 13 13-0142</b>			<b>1-1/4" Diameter, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0141)</small>		
Note: Includes satin finish and concealed mounting with snap flange.					
10 28 13 13-0143	EA		12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125x12) .....	96.57	23.78
			<i>For Peened Grip, Add</i>	4.95	
10 28 13 13-0144	EA		18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18) .....	110.62	23.78
			<i>For Peened Grip, Add</i>	6.21	
10 28 13 13-0145	EA		24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24) .....	112.03	23.78
			<i>For Peened Grip, Add</i>	6.34	
10 28 13 13-0146	EA		30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30) .....	112.69	23.78
			<i>For Peened Grip, Add</i>	6.40	
10 28 13 13-0147	EA		36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36) .....	112.87	23.78
			<i>For Peened Grip, Add</i>	6.41	
10 28 13 13-0148	EA		42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42) .....	116.27	23.78
			<i>For Peened Grip, Add</i>	6.72	
10 28 13 13-0149	EA		48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48) .....	121.63	23.78
			<i>For Peened Grip, Add</i>	7.20	
<b>10 28 13 13-0150</b>			<b>1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0141)</small>		
Note: Includes satin finish and concealed mounting with snap flange.					
10 28 13 13-0151	EA		24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616) .....	184.14	23.78
			<i>For Peened Grip, Add</i>	12.29	
10 28 13 13-0152	EA		36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837) .....	187.80	23.78
			<i>For Peened Grip, Add</i>	12.62	
<b>10 28 13 13-0153</b>			<b>1-1/2" Diameter, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0141)</small>		
Note: Includes satin finish and concealed mounting with snap flange.					
10 28 13 13-0154	EA		12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12) .....	109.44	23.78
			<i>For Peened Grip, Add</i>	6.10	
10 28 13 13-0155	EA		18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18) .....	110.62	23.78
			<i>For Peened Grip, Add</i>	6.21	
10 28 13 13-0156	EA		24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24) .....	112.87	23.78
			<i>For Peened Grip, Add</i>	6.41	

**10 Specialties****10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 28 13 13-0157	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30).....	115.14		23.78
		<i>For Peened Grip, Add</i>	6.62		
10 28 13 13-0158	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36).....	117.96		23.78
		<i>For Peened Grip, Add</i>	6.87		
10 28 13 13-0159	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42).....	120.51		23.78
		<i>For Peened Grip, Add</i>	7.10		
10 28 13 13-0160	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48).....	126.73		23.78
		<i>For Peened Grip, Add</i>	7.66		
<b>10 28 13 13-0161</b>		<b>1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars</b> <small>(10 28 13 13-0141)</small>			
		Note: Includes satin finish and concealed mounting with snap flange.			
10 28 13 13-0162	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861).....	168.86		23.78
		<i>For Peened Grip, Add</i>	10.92		
10 28 13 13-0163	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616).....	181.03		23.78
		<i>For Peened Grip, Add</i>	12.01		
10 28 13 13-0164	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137).....	158.12		23.78
		<i>For Peened Grip, Add</i>	9.95		
<b>10 28 13 13-0165</b>		<b>1-1/4" Diameter, Stainless Steel Swing Up Grab Bars</b> <small>(10 28 13 13-0141)</small>			
		Note: Includes satin finish and mounting for swing up.			
10 28 13 13-0166	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998).....	483.79		23.78
		<i>For Peened Grip, Add</i>	39.80		
<b>10 28 13 13-0167</b>		<b>Shelves</b> <small>(10 28 13 13-0001)</small>			
10 28 13 13-0168	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295).....	126.16		26.76
10 28 13 13-0169	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295).....	129.56		26.76
10 28 13 13-0170	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295).....	145.11		26.76
10 28 13 13-0171	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36).....	149.02		26.76
10 28 13 13-0172	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296).....	142.86		26.76
10 28 13 13-0173	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24).....	144.70		26.76
10 28 13 13-0174	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298).....	153.87		26.76
10 28 13 13-0175	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298).....	167.15		26.76
10 28 13 13-0176	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36).....	195.23		26.76
10 28 13 13-0177	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287).....	154.15		26.76
10 28 13 13-0178	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletry Shelf (Bobrick B-683).....	156.98		26.76
10 28 13 13-0179	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24).....	220.50		26.76
10 28 13 13-0180	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30).....	235.09		26.76
10 28 13 13-0181	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36).....	257.61		26.76
10 28 13 13-0182	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48).....	318.88		26.76
10 28 13 13-0183	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60).....	430.49		26.76
10 28 13 13-0184	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412).....	189.89		26.76
<b>10 28 13 13-0185</b>		<b>Changing Stations</b> <small>(10 28 13 13-0001)</small>			
10 28 13 13-0186	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1).....	463.57		35.68
10 28 13 13-0187	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00).....	490.87		35.68
10 28 13 13-0188	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00).....	406.34		35.68
10 28 13 13-0189	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE).....	1,947.90		35.68
10 28 13 13-0190	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM).....	2,271.57		35.68
10 28 13 13-0191	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE).....	1,947.90		35.68
10 28 13 13-0192	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM).....	2,271.57		35.68
<b>10 28 13 13-0193</b>		<b>Folding Shower Seats</b> <small>(10 28 13 13-0001)</small>			
10 28 13 13-0194	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181).....	583.52		47.57
10 28 13 13-0195	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518).....	761.63		47.57
10 28 13 13-0196	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat.....	2,803.70		47.57
10 28 13 13-0197	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32).....	3,825.52		
<b>10 28 13 13-0198</b>		<b>Soap/Dish Holders</b> <small>(10 28 13 13-0001)</small>			
10 28 13 13-0199	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679).....	65.75		26.76
10 28 13 13-0200	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680).....	67.72		26.76
10 28 13 13-0201	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380).....	117.71		26.76
10 28 13 13-0202	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390).....	127.61		26.76
<b>10 28 13 13-0203</b>		<b>Shower Curtains/Curtain Rods</b> <small>(10 28 13 13-0001)</small>			
10 28 13 13-0204	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1).....	3.25		1.19
10 28 13 13-0205	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2).....	52.34		11.89
		Note: Requires 7 curtain hooks.			
10 28 13 13-0206	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3).....	54.75		11.89
		Note: Requires 12 curtain hooks.			
10 28 13 13-0207	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	93.37		26.76
10 28 13 13-0208	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	99.60		26.76
10 28 13 13-0209	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	107.23		26.76





	<b>Specialties</b>	<b>10</b>
	<b>Interior Specialties</b>	<b>10 20</b>
	<b>Toilet, Bath, and Laundry Accessories</b>	<b>10 28</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13	13-0210	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	116.56	26.76
10 28 13	13-0211	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36).....	82.63	26.76
10 28 13	13-0212	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48).....	89.98	26.76
10 28 13	13-0213	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60).....	94.22	26.76
10 28 13	13-0214	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72).....	99.60	26.76
10 28 13	13-0215	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	85.74	26.76
10 28 13	13-0216	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	91.96	26.76
10 28 13	13-0217	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	99.30	26.76
10 28 13	13-0218	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047).....	104.40	26.76
<b>10 28 13</b>	<b>13-0219</b>		<b>Hand Dryers</b> <small>(10 28 13 13-0001)</small>		
10 28 13	13-0220	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710).....	528.75	29.03
10 28 13	13-0221	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V).....	570.29	29.03
10 28 13	13-0222	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V).....	633.06	29.03
10 28 13	13-0223	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230).....	901.01	29.03
10 28 13	13-0224	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A).....	671.79	29.03
10 28 13	13-0225	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A).....	747.49	29.03
10 28 13	13-0226	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60).....	3,121.65	29.03
10 28 13	13-0227	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T).....	3,253.35	29.03
10 28 13	13-0228	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR).....	3,393.83	29.03
10 28 13	13-0229	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR).....	847.94	29.03
10 28 13	13-0230	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12).....	1,774.61	29.03
10 28 13	13-0231	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14).....	2,998.26	29.03
10 28 13	13-0232	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)..... Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,308.37	29.03
10 28 13	13-0233	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)..... Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,382.40	29.03
10 28 13	13-0234	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)..... Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,424.70	29.03
10 28 13	13-0235	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C)..... Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,467.00	29.03
10 28 13	13-0236	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS)..... Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.	1,551.60	29.03
10 28 13	13-0237	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9)..... Note: Electronically adjustable sound and speed.	1,054.57	29.03
10 28 13	13-0238	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)..... Note: Electronically adjustable sound and speed.	1,128.60	29.03
10 28 13	13-0239	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)..... Note: Electronically adjustable sound and speed.	1,170.90	29.03
10 28 13	13-0240	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)..... Note: Electronically adjustable sound and speed.	1,213.20	29.03
10 28 13	13-0241	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)..... Note: Electronically adjustable sound and speed.	1,297.80	29.03
10 28 13	13-0242	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)..... Note: Electronically adjustable sound and speed.	1,054.57	29.03
10 28 13	13-0243	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)..... Note: Electronically adjustable sound and speed.	1,128.60	29.03
10 28 13	13-0244	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)..... Note: Electronically adjustable sound and speed.	1,170.90	29.03
10 28 13	13-0245	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)..... Note: Electronically adjustable sound and speed.	1,213.20	29.03
10 28 13	13-0246	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)..... Note: Electronically adjustable sound and speed.	1,297.80	29.03
10 28 13	13-0247	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90).....	758.47	29.03
10 28 13	13-0248	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M).....	832.50	29.03
10 28 13	13-0249	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG).....	874.80	29.03
10 28 13	13-0250	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C).....	917.10	29.03
10 28 13	13-0251	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS).....	1,001.70	29.03
10 28 13	13-0252	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H).....	758.47	29.03
10 28 13	13-0253	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH).....	832.50	29.03





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0254	EA		Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH) .....	874.80	29.03
10 28 13 13-0255	EA		Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH) .....	917.10	29.03
10 28 13 13-0256	EA		Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH) .....	1,001.70	29.03
10 28 13 13-0257	EA		Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1) .....	546.97	29.03
10 28 13 13-0258	EA		Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M) .....	621.00	29.03
10 28 13 13-0259	EA		Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C) .....	705.60	29.03
10 28 13 13-0260			<b>Hand Dryers (Excel XLERATOR®)</b> (10 28 13 13-0001) Note: With or without noise reduction nozzle options.		
10 28 13 13-0261	EA		Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W) .....	1,084.14	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0262	EA		Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH) .....	1,532.87	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0263	EA		Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR) .....	1,274.69	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0264	EA		Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH) .....	1,597.42	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0265	EA		Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C) .....	1,371.51	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0266	EA		Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH) .....	1,694.24	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0267	EA		Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB) .....	1,371.51	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0268	EA		Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH) .....	1,694.24	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0269	EA		Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP) .....	1,274.69	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0270	EA		Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH) .....	1,597.42	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0271	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW) .....	1,145.59	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0272	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-BWH) .....	1,468.33	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0273	EA		Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-W-ECO) .....	1,084.14	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0274	EA		Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-WH-ECO) .....	1,532.87	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0275	EA		Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-GR-ECO) .....	1,274.69	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0276	EA		Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-GRH-ECO) .....	1,597.42	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0277	EA		Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-C-ECO) .....	1,371.51	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0278	EA		Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-CH-ECO) .....	1,694.24	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0279	EA		Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SB-ECO) .....	1,371.51	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0280	EA		Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-SBH-ECO) .....	1,694.24	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0281	EA		Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATORReco® XL-SP-ECO) .....	1,274.69	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0282	EA		Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-SPH-ECO) .....	1,597.42	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0283	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATORReco® XL-BW-ECO) .....	1,145.59	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	
10 28 13 13-0284	EA		Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATORReco® XL-BWH-ECO) .....	1,468.33	29.03
			<i>For ADA-Compliant Recess Kit, Add</i> .....	169.54	



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>	
<b>Toilet, Bath, and Laundry Accessories</b>	<b>10 28</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 28 13 13-0285</b> <b>Additional Accessories</b> <small>(10 28 13 13-0001)</small>		
<b>10 28 13 13-0286</b> <b>Hooks</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0287     EA     Stainless Steel Clothes Hook And Bumper (Bobrick B-212).....	33.11	11.89
10 28 13 13-0288     EA     Single Stainless Steel Robe Hook (Bobrick B-233).....	39.33	11.89
10 28 13 13-0289     EA     Single Stainless Steel Robe Hook (Bobrick B-7671).....	33.67	11.89
10 28 13 13-0290     EA     Double Stainless Steel Robe Hook (Bobrick B-7672).....	36.45	11.89
10 28 13 13-0291     EA     Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727).....	59.68	11.89
10 28 13 13-0292     EA     Single Stainless Steel Robe Hook (Bobrick B-6717).....	54.02	11.89
<b>10 28 13 13-0293</b> <b>Clotheslines</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0294     EA     Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636).....	57.88	23.78
<b>10 28 13 13-0295</b> <b>Towel Bars</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0296     EA     18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18).....	71.45	26.76
10 28 13 13-0297     EA     24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24).....	71.67	26.76
10 28 13 13-0298     EA     18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18).....	79.96	26.76
10 28 13 13-0299     EA     24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24).....	80.75	26.76
10 28 13 13-0300     EA     18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	117.12	26.76
10 28 13 13-0301     EA     24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673).....	121.92	26.76
10 28 13 13-0302     EA     18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	120.80	26.76
10 28 13 13-0303     EA     24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674).....	124.75	26.76
10 28 13 13-0304     EA     18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	131.83	26.76
10 28 13 13-0305     EA     24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	136.03	26.76
10 28 13 13-0306     EA     18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	101.01	26.76
10 28 13 13-0307     EA     24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	104.68	26.76
<b>10 28 13 13-0308</b> <b>Towel Bar With Shelf</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0309     EA     24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676).....	224.55	26.76
<b>10 28 13 13-0310</b> <b>Towel Pins</b> <small>(10 28 13 13-0285)</small>		
10 28 13 13-0311     EA     Stainless Steel Towel Pin (Bobrick B-677).....	57.71	11.89
<b>10 28 13 13-0312</b> <b>Mirrors</b> <small>(10 28 13 13)</small>		
<b>10 28 13 13-0313</b> <b>Stainless Steel Channel Frame Glass Mirrors</b> <small>(10 28 13 13-0312)</small>		
10 28 13 13-0314     EA     16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24).....	125.94	29.73
10 28 13 13-0315     EA     18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824).....	143.25	29.73
10 28 13 13-0316     EA     18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830).....	149.25	29.73
For Tempered Glass (B-1658), Add	50.36	
10 28 13 13-0317     EA     18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836).....	161.54	29.73
For Tempered Glass (B-1658), Add	58.96	
10 28 13 13-0318     EA     24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430).....	177.31	29.73
10 28 13 13-0319     EA     24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436).....	183.95	29.73
For Tempered Glass (B-1658), Add	74.65	
10 28 13 13-0320     EA     24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448).....	227.48	29.73
10 28 13 13-0321     EA     24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460).....	263.13	29.73
10 28 13 13-0322     EA     36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36).....	317.62	29.73
10 28 13 13-0323     EA     48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836).....	400.37	29.73
10 28 13 13-0324     EA     60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36).....	450.64	29.73
<b>10 28 13 13-0325</b> <b>Stainless Steel Channel Frame Glass Mirror/Shelf Combination</b> <small>(10 28 13 13-0312)</small>		
10 28 13 13-0326     EA     18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824).....	235.68	29.73
10 28 13 13-0327     EA     18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830).....	254.29	29.73
10 28 13 13-0328     EA     18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836).....	266.60	29.73
10 28 13 13-0329     EA     24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436).....	301.30	29.73
<b>10 28 13 13-0330</b> <b>Stainless Steel Angle Frame Glass Mirrors</b> <small>(10 28 13 13-0312)</small>		
10 28 13 13-0331     EA     18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824).....	209.46	29.73
10 28 13 13-0332     EA     18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830).....	230.01	29.73
For Tempered Glass (B-2908), Add	100.78	
10 28 13 13-0333     EA     18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836).....	236.94	29.73
For Tempered Glass (B-2908), Add	105.36	
10 28 13 13-0334     EA     24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430).....	277.95	29.73
10 28 13 13-0335     EA     24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436).....	279.53	29.73
For Tempered Glass (B-2908), Add	133.47	
10 28 13 13-0336     EA     24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448).....	374.49	29.73
10 28 13 13-0337     EA     24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460).....	440.74	29.73

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 20</b>	<b>Interior Specialties</b>
	<b>10 28</b>	<b>Toilet, Bath, and Laundry Accessories</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 28 13 13-0338	EA	24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472)		502.59	29.73
10 28 13 13-0339	EA	36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36)		334.17	29.73
10 28 13 13-0340	EA	48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36)		407.90	29.73
10 28 13 13-0341	EA	72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36)		625.96	29.73
<b>10 28 13 13-0342</b>		<b>Stainless Steel Angle Frame Glass Mirror/Shelf Combination</b> (10 28 13 13-0312)			
10 28 13 13-0343	EA	18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24)		216.65	29.73
10 28 13 13-0344	EA	18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830)		429.70	29.73
10 28 13 13-0345	EA	18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836)		450.53	29.73
10 28 13 13-0346	EA	24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436)		502.59	29.73
<b>10 28 13 13-0347</b>		<b>Frameless Stainless Steel Mirrors</b> (10 28 13 13-0312)			
10 28 13 13-0348	EA	17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830)		235.05	29.73
10 28 13 13-0349	EA	23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436)		304.76	29.73
<b>10 28 13 13-0350</b>		<b>Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors</b> (10 28 13 13-0312)			
10 28 13 13-0351	EA	16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630)		320.54	29.73
10 28 13 13-0352	EA	18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830)		334.12	29.73
10 28 13 13-0353	EA	18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836)		405.10	29.73
10 28 13 13-0354	EA	24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436)		498.79	29.73
<b>10 28 13 13-0355</b>		<b>Medicine Cabinets</b> (10 28 13 13)			
<b>10 28 13 13-0356</b>		<b>Metal Medicine Cabinets</b> (10 28 13 13-0355)			
10 28 13 13-0357	EA	20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB)		1,094.18	59.46
10 28 13 13-0358	EA	15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397) Note: Includes three adjustable plastic shelves.		261.85	59.46
10 28 13 13-0359	EA	14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297) Note: Includes two fixed shelves with baked white enamel finish.		269.90	59.46
10 28 13 13-0360	EA	15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398) Note: Includes four adjustable stainless steel shelves.		576.64	59.46
10 28 13 13-0361	EA	17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299) Note: Includes four adjustable shelves.		787.26	59.46
<b>10 28 13 13-0362</b>		<b>Janitorial Material</b> (10 28 13 13)			
10 28 13 13-0363	EA	Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670)		54.02	11.89
10 28 13 13-0364	EA	24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24)		140.02	26.76
10 28 13 13-0365	EA	24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24)		134.94	26.76
10 28 13 13-0366	EA	30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1)		152.84	26.76
10 28 13 13-0367	EA	36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36)		170.55	26.76
10 28 13 13-0368	EA	36" Length, Utility Hook Strip (Gamco HCS-2)		115.06	26.76
10 28 13 13-0369	EA	36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36)		313.60	26.76
10 28 13 13-0370	EA	34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34)		450.16	26.76
<b>10 28 13 13-0371</b>		<b>Removal And Reinstallation Of Bathroom Accessories</b> (10 28 13 13)			
10 28 13 13-0372	EA	Removal And Reinstallation Of Bathroom Accessory		37.17	
<b>10 28 16</b>		<b>Bath Accessories</b> (10 28)			
<b>10 28 16 13</b>		<b>Residential Bath Accessories</b> (10 28 16)			
<b>10 28 16 13-0001</b>		<b>Residential Toilet Accessories</b> (10 28 16 13)			
<b>10 28 16 13-0002</b>		<b>Residential Shower Curtain Rod</b> (10 28 16 13-0001) Note: Includes end brackets. See CSI section 10 28 13 13-0203 for shower curtain rods.			
<b>10 28 16 13-0003</b>		<b>Residential Toilet Accessories</b> (10 28 16 13-0001)			
10 28 16 13-0004	EA	Surface Mounted Plastic Paper Towel Dispenser		119.21	26.76
10 28 16 13-0005	EA	Surface Mounted Plastic Napkin Disposal		104.71	26.76
10 28 16 13-0006	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent		109.83	
10 28 16 13-0007	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps		125.18	26.76
10 28 16 13-0008	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser		119.25	26.76
10 28 16 13-0009	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser		146.14	32.71
10 28 16 13-0010	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser		80.04	23.78
10 28 16 13-0011	EA	13 Gallon Plastic Waste Door For Countertops		285.44	44.60
<b>10 28 19</b>		<b>Tub and Shower Enclosures</b> (10 28)			
<b>10 28 19 16</b>		<b>Shower Doors</b> (10 28 19)			
10 28 19 16-0001		Swinging Shower Doors (10 28 19 16)			
10 28 19 16-0002		Framed, Swinging Shower Doors (10 28 19 16-0001)			



<b>Specialties</b>	<b>10</b>
<b>Interior Specialties</b>	<b>10 20</b>
Toilet, Bath, and Laundry Accessories	10 28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 19 16-0003	EA		24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801) .....	557.84	57.53
10 28 19 16-0004	EA		27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802) .....	586.84	28.77
10 28 19 16-0005	EA		29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803) .....	707.16	28.77
10 28 19 16-0006	EA		33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804) .....	583.75	28.77
10 28 19 16-0007	EA		35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805) .....	624.84	28.77
<b>10 28 19 16-0008</b>			<b>Sliding Shower Doors</b> (10 28 19 16)		
<b>10 28 19 16-0009</b>			<b>Framed, Sliding Shower Doors</b> (10 28 19 16-0008)		
10 28 19 16-0010	EA		40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735) .....	944.06	28.77
10 28 19 16-0011	EA		44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745) .....	862.67	28.77
10 28 19 16-0012	EA		46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775) .....	884.59	28.77
10 28 19 16-0013	EA		52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729) .....	907.90	28.77
10 28 19 16-0014	EA		54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794) .....	920.91	28.77
10 28 19 16-0015	EA		56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795) .....	940.16	28.77
<b>10 28 19 19</b>			<b>Tub Doors</b> (10 28 19)		
<b>10 28 19 19-0001</b>			<b>Sliding Bathtub Doors</b> (10 28 19 19)		
<b>10 28 19 19-0002</b>			<b>Framed, Sliding Bathtub Doors</b> (10 28 19 19-0001)		
10 28 19 19-0003	EA		52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725) .....	838.20	28.77
10 28 19 19-0004	EA		54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749) .....	847.58	28.77
10 28 19 19-0005	EA		56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750) .....	868.79	28.77
<b>10 40</b>			<b>Safety Specialties</b> (10)		
<b>10 41</b>			<b>Emergency Access And Information Cabinets</b> (10 40)		
<b>10 41 13</b>			<b>Fire Department Plan Cabinets</b> (10 41)		
<b>10 41 13 00-0001</b>			<b>Fire Department Plan Cabinets (Knox)</b> (10 41 13)		
10 41 13 00-0002	EA		18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300) .....	1,742.27	38.65
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i> .....	40.00	
			<i>For Dual Locks, Add</i> .....	60.00	
			<i>For Back Key Hook Panel, Add</i> .....	59.43	
			<i>For Swing Key Hook Panel, Add</i> .....	158.43	
			<i>For Non-Locking Weather Housing, Add</i> .....	398.30	
10 41 13 00-0003	EA		18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300) .....	1,847.73	38.65
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i> .....	40.00	
			<i>For Dual Locks, Add</i> .....	60.00	
			<i>For Back Key Hook Panel, Add</i> .....	59.43	
			<i>For Swing Key Hook Panel, Add</i> .....	158.43	
			<i>For Second Swing Key Hook Panel, Add</i> .....	125.43	
			<i>For Non-Locking Weather Housing, Add</i> .....	398.30	
<b>10 41 16</b>			<b>Emergency Key Cabinets</b> (10 41)		
<b>10 41 16 00-0001</b>			<b>Emergency Key Cabinets (Knox)</b> (10 41 16)		
10 41 16 00-0002	EA		Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403) .....	866.96	38.65
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i> .....	40.00	
10 41 16 00-0003	EA		5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200) .....	761.50	38.65
			<i>For Lift-Off Door, Deduct</i> .....	-40.00	
			<i>For Aluminum Or Dark Bronze Finish, Add</i> .....	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i> .....	40.00	
			<i>For Recess Mount, Add</i> .....	62.17	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i> .....	119.00	
10 41 16 00-0004	EA		6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100) .....	1,019.88	38.65
			<i>For Aluminum Or Dark Bronze Finish, Add</i> .....	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i> .....	40.00	
			<i>For Recess Mount, Add</i> .....	62.17	
			<i>For Dual Locks, Add</i> .....	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i> .....	130.00	

<b>10</b>	<b>10 Specialties</b>
	<b>10 40 Safety Specialties</b>
	<b>10 41 Emergency Access And Information Cabinets</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 41	16 00-0005	EA	7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400)	1,085.79	38.65
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	62.17	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

**10 44 Fire Protection Specialties** (10 40)

**10 44 13 Fire Protection Cabinets** (10 44)

10 44 13 00-0001 Fire Extinguisher Cabinets (10 44 13)

10 44 13 00-0002 Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0003 Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0004	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	411.27	48.77
10 44 13 00-0005	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	419.09	48.77
10 44 13 00-0006	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	420.65	48.77
10 44 13 00-0007	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	469.11	48.77
10 44 13 00-0008	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	595.73	48.77
10 44 13 00-0009	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet	612.93	48.77

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0011	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	387.75	48.77
10 44 13 00-0012	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	393.67	48.77
10 44 13 00-0013	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	403.53	48.77
10 44 13 00-0014	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	420.30	48.77
10 44 13 00-0015	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	472.12	48.77
10 44 13 00-0016	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet	487.90	48.77

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0018	EA	9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	547.73	48.77
10 44 13 00-0019	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	561.50	48.77
10 44 13 00-0020	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	568.39	48.77
10 44 13 00-0021	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	615.44	48.77
10 44 13 00-0022	EA	16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	710.22	48.77
10 44 13 00-0023	EA	20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet	738.91	48.77

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0025	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,674.96	48.77
10 44 13 00-0026	EA	10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,687.56	48.77
10 44 13 00-0027	EA	12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet	1,944.50	48.77

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets

(10 44 13 00-0002)

Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.

10 44 13 00-0029	EA	10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	512.88	48.77
10 44 13 00-0030	EA	14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door	572.28	48.77

10 44 13 00-0031 Semi-Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0032 Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)

Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0033	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	453.48	48.77
10 44 13 00-0034	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	469.11	48.77
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	470.68	48.77
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	523.82	48.77
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	630.12	48.77
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet	647.32	48.77

10 44 13 00-0039 Aluminum Door And Trim, Semi-Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)

Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.

10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	431.68	48.77
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	446.47	48.77
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	455.35	48.77
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	472.12	48.77
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	530.31	48.77
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Aluminum Fire Extinguisher Cabinet	544.12	48.77





<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Safety Specialties</b>	<b>10 40</b>	
<b>Fire Protection Specialties</b>	<b>10 44</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 44 13 00-0046</b> <b>Stainless Steel Door And Trim, Semi-Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small> Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047 EA 9" x 18" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	608.09	48.77
10 44 13 00-0048 EA 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	624.16	48.77
10 44 13 00-0049 EA 10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	631.04	48.77
10 44 13 00-0050 EA 12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	666.62	48.77
10 44 13 00-0051 EA 16" x 32" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	754.98	48.77
10 44 13 00-0052 EA 20" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Stainless Steel Fire Extinguisher Cabinet.....	774.49	48.77
<b>10 44 13 00-0053</b> <b>Bronze Door And Trim, Semi-Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small> Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054 EA 10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet.....	2,123.73	48.77
10 44 13 00-0055 EA 10-1/2" x 24" x 6" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet.....	2,134.30	48.77
10 44 13 00-0056 EA 12" x 27" x 7-3/4" Inside Dimensions, Semi-Recessed Bronze Fire Extinguisher Cabinet.....	2,453.44	48.77
<b>10 44 13 00-0057</b> <b>Acrylic Bubble Door And Steel Trim, Semi-Recessed Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0031)</small> Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058 EA 10-1/2" x 24" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	569.16	48.77
10 44 13 00-0059 EA 14" x 30" x 4" Inside Dimensions, Semi-Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	625.43	48.77
<b>10 44 13 00-0060</b> <b>Surface Mounted Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0001)</small>		
<b>10 44 13 00-0061</b> <b>Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small> Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062 EA 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	440.97	48.77
10 44 13 00-0063 EA 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	450.35	48.77
10 44 13 00-0064 EA 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	525.39	48.77
10 44 13 00-0065 EA 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	617.62	48.77
10 44 13 00-0066 EA 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	642.63	48.77
<b>10 44 13 00-0067</b> <b>Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small> Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068 EA 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	525.38	48.77
10 44 13 00-0069 EA 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	538.20	48.77
10 44 13 00-0070 EA 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	566.81	48.77
10 44 13 00-0071 EA 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	623.03	48.77
10 44 13 00-0072 EA 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	646.70	48.77
<b>10 44 13 00-0073</b> <b>Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small> Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074 EA 12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	707.93	48.77
10 44 13 00-0075 EA 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	729.73	48.77
10 44 13 00-0076 EA 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	783.67	48.77
10 44 13 00-0077 EA 19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	888.10	48.77
10 44 13 00-0078 EA 23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	920.23	48.77
<b>10 44 13 00-0079</b> <b>Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small> Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080 EA 13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	2,443.48	48.77
10 44 13 00-0081 EA 15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	2,760.19	48.77
<b>10 44 13 00-0082</b> <b>Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets</b> <small>(10 44 13 00-0060)</small> Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083 EA 13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	534.77	48.77
10 44 13 00-0084 EA 17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	603.55	48.77
10 44 13 00-0085 EA 31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	844.28	48.77
<b>10 44 13 00-0086</b> <b>Fire Extinguisher Cabinet Accessories</b> <small>(10 44 13 00-0001)</small>		
10 44 13 00-0087 EA Standard Break Glass Cylinder Lock Mechanism.....	41.73	14.87
10 44 13 00-0088 EA Breaker Bar And Chain For Break Glass Cabinets.....	37.54	14.87
10 44 13 00-0089 EA Replacement Of Standard Pull Handle.....	34.98	
10 44 13 00-0090 EA Fire Extinguisher Cabinet Battery Operated Alarm.....	113.46	29.73
10 44 13 00-0091 EA Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	235.91	
10 44 13 00-0092 EA Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	259.50	
10 44 13 00-0093 EA Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	353.86	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 40</b>	<b>Safety Specialties</b>
	<b>10 44</b>	<b>Fire Protection Specialties</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 44 13 00-0094	EA	Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	483.62		
10 44 13 00-0095	EA	Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	566.18		
10 44 13 00-0096	EA	Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	136.83		
10 44 13 00-0097	EA	Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	141.55		
10 44 13 00-0098	EA	Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	188.73		
10 44 13 00-0099	EA	Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	342.07		
10 44 13 00-0100	EA	Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	346.79		
10 44 13 00-0101	EA	Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	131.18		
10 44 13 00-0102	EA	Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	137.74		
10 44 13 00-0103	EA	Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	185.84		
10 44 13 00-0104	EA	Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	327.94		
10 44 13 00-0105	EA	Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	332.32		
<b>10 44 13 00-0106</b>		<b>Fire Hose Cabinets</b> <small>(10 44 13)</small>			
		Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.			
<b>10 44 13 00-0107</b>		<b>Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0106)</small>			
<b>10 44 13 00-0108</b>		<b>Steel Door And Trim, Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0107)</small>			
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0109	EA	34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	681.08		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0110	EA	34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	693.37		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0111	EA	38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	703.61		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0112	EA	38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	713.86		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0113	EA	30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	726.14		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0114	EA	38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	758.89		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
10 44 13 00-0115	EA	23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	769.14		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		
<b>10 44 13 00-0116</b>		<b>Aluminum Door And Trim, Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0107)</small>			
		Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0117	EA	34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	737.83		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0118	EA	30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	757.63		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0119	EA	34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	760.20		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0120	EA	38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	768.43		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0121	EA	38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	779.23		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0122	EA	38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	809.82		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
10 44 13 00-0123	EA	23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	840.42		158.33
		<i>For Solid Aluminum Door, Add</i>	6.50		
<b>10 44 13 00-0124</b>		<b>Stainless Steel Door And Trim, Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0107)</small>			
		Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0125	EA	23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	972.73		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0126	EA	34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,075.17		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0127	EA	34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,085.03		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0128	EA	38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,116.55		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0129	EA	38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,126.40		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0130	EA	30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,177.62		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
10 44 13 00-0131	EA	38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,228.85		158.33
		<i>For Solid Stainless Steel Door, Deduct</i>	-7.70		
<b>10 44 13 00-0132</b>		<b>Semi-Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0106)</small>			
<b>10 44 13 00-0133</b>		<b>Steel Door And Trim, Semi-Recessed Fire Hose Cabinets</b> <small>(10 44 13 00-0132)</small>			
		Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0134	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet.....	713.86		158.33
		<i>For Solid Steel Door, Deduct</i>	-8.60		



<b>Specialties</b>	<b>10</b>	<b>10</b>
<b>Safety Specialties</b>	<b>10 40</b>	
<b>Fire Protection Specialties</b>	<b>10 44</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44	13 00-0135	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	726.14 -8.60	158.33
10 44	13 00-0136	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	736.36 -8.60	158.33
10 44	13 00-0137	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	748.65 -8.60	158.33
10 44	13 00-0138	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	758.89 -8.60	158.33
10 44	13 00-0139	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	791.64 -8.60	158.33
10 44	13 00-0140	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	803.92 -8.60	158.33
<b>10 44 13 00-0141 Aluminum Door And Trim, Semi-Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small></b>					
Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0142	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	757.63 6.50	158.33
10 44	13 00-0143	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	779.23 6.50	158.33
10 44	13 00-0144	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	782.31 6.50	158.33
10 44	13 00-0145	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	788.23 6.50	158.33
10 44	13 00-0146	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	799.02 6.50	158.33
10 44	13 00-0147	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	829.62 6.50	158.33
10 44	13 00-0148	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	860.22 6.50	158.33
<b>10 44 13 00-0149 Stainless Steel Door And Trim, Semi-Recessed Fire Hose Cabinets <small>(10 44 13 00-0132)</small></b>					
Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0150	EA	23" x 18" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,033.80 -7.70	158.33
10 44	13 00-0151	EA	34" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,146.10 -7.70	158.33
10 44	13 00-0152	EA	34" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,155.95 -7.70	158.33
10 44	13 00-0153	EA	38" x 24" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,187.47 -7.70	158.33
10 44	13 00-0154	EA	38" x 26" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,197.32 -7.70	158.33
10 44	13 00-0155	EA	30" x 30" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,248.55 -7.70	158.33
10 44	13 00-0156	EA	38" x 32" x 8" Inside Dimensions, Semi-Recessed Stainless Steel Fire Hose Cabinet ..... <i>For Solid Stainless Steel Door, Deduct</i>	1,299.77 -7.70	158.33
<b>10 44 13 00-0157 Surface Mount Fire Hose Cabinets <small>(10 44 13 00-0106)</small></b>					
<b>10 44 13 00-0158 Steel Door And Trim, Surface Mount Fire Hose Cabinets <small>(10 44 13 00-0157)</small></b>					
Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0159	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	726.14 -8.60	158.33
10 44	13 00-0160	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	736.36 -8.60	158.33
10 44	13 00-0161	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	748.65 -8.60	158.33
10 44	13 00-0162	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	758.89 -8.60	158.33
10 44	13 00-0163	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	769.14 -8.60	158.33
10 44	13 00-0164	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	803.92 -8.60	158.33
10 44	13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet ..... <i>For Solid Steel Door, Deduct</i>	814.17 -8.60	158.33
<b>10 44 13 00-0166 Aluminum Door And Trim, Surface Mount Fire Hose Cabinets <small>(10 44 13 00-0157)</small></b>					
Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.					
10 44	13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	809.82 6.50	158.33
10 44	13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	829.62 6.50	158.33
10 44	13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	834.76 6.50	158.33
10 44	13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet ..... <i>For Solid Aluminum Door, Add</i>	840.42 6.50	158.33

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 40</b>	<b>Safety Specialties</b>
	<b>10 44</b>	<b>Fire Protection Specialties</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 44 13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....		849.42	158.33
		<i>For Solid Aluminum Door, Add</i>		6.50	
10 44 13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....		881.82	158.33
		<i>For Solid Aluminum Door, Add</i>		6.50	
10 44 13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet.....		901.62	158.33
		<i>For Solid Aluminum Door, Add</i>		6.50	
<b>10 44 13 00-0174</b>		<b>Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets</b> <small>(10 44 13 00-0157)</small>			
		Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.			
10 44 13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,116.55	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,443.60	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,526.34	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,546.04	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,565.75	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,648.49	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
10 44 13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet.....		1,750.94	158.33
		<i>For Solid Stainless Steel Door, Deduct</i>		-7.70	
<b>10 44 16</b>		<b>Fire Extinguishers</b> <small>(10 44)</small>			
<b>10 44 16 13</b>		<b>Portable Fire Extinguishers</b> <small>(10 44 16)</small>			
		Note: Includes filling, certification, bracket, hardware and mounting on wall.			
<b>10 44 16 13-0001</b>		<b>Carbon Dioxide Type, Class BC Portable Fire Extinguisher</b> <small>(10 44 16 13)</small>			
10 44 16 13-0002	EA	2.5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher.....		187.44	15.46
		<i>For &gt;5 To 10, Deduct</i>		-5.41	
		<i>For &gt;10, Deduct</i>		-10.82	
		<i>For Placement In Cabinet, Deduct</i>		-39.65	
10 44 16 13-0003	EA	5 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher.....		270.23	17.84
		<i>For &gt;5 To 10, Deduct</i>		-8.94	
		<i>For &gt;10, Deduct</i>		-17.87	
		<i>For Placement In Cabinet, Deduct</i>		-45.75	
10 44 16 13-0004	EA	10 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher.....		351.49	22.60
		<i>For &gt;5 To 10, Deduct</i>		-11.63	
		<i>For &gt;10, Deduct</i>		-23.26	
		<i>For Placement In Cabinet, Deduct</i>		-59.47	
10 44 16 13-0005	EA	15 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher.....		433.09	28.54
		<i>For &gt;5 To 10, Deduct</i>		-14.22	
		<i>For &gt;10, Deduct</i>		-28.44	
		<i>For Placement In Cabinet, Deduct</i>		-74.33	
10 44 16 13-0006	EA	20 Lb. Carbon Dioxide, Type BC Portable Fire Extinguisher.....		479.56	28.54
		<i>For &gt;5 To 10, Deduct</i>		-16.55	
		<i>For &gt;10, Deduct</i>		-33.09	
		<i>For Placement In Cabinet, Deduct</i>		-74.33	
10 44 16 13-0007	EA	50 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher.....		1,505.27	45.19
		<i>For &gt;5 To 10, Deduct</i>		-63.37	
		<i>For &gt;10, Deduct</i>		-126.74	
10 44 16 13-0008	EA	100 Lb. Carbon Dioxide, Type BC Wheeled Fire Extinguisher.....		2,917.92	45.19
		<i>For &gt;5 To 10, Deduct</i>		-134.00	
		<i>For &gt;10, Deduct</i>		-268.01	
<b>10 44 16 13-0009</b>		<b>Dry Chemical Type, Class ABC Portable Fire Extinguisher</b> <small>(10 44 16 13)</small>			
10 44 16 13-0010	EA	2.6 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher.....		120.53	15.46
		<i>For &gt;5 To 10, Deduct</i>		-2.06	
		<i>For &gt;10, Deduct</i>		-4.12	
		<i>For Placement In Cabinet, Deduct</i>		-39.65	
10 44 16 13-0011	EA	5 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher.....		149.98	17.84
		<i>For &gt;5 To 10, Deduct</i>		-2.92	
		<i>For &gt;10, Deduct</i>		-5.85	
		<i>For Placement In Cabinet, Deduct</i>		-45.75	
10 44 16 13-0012	EA	10 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher.....		212.04	22.60
		<i>For &gt;5 To 10, Deduct</i>		-4.66	
		<i>For &gt;10, Deduct</i>		-9.31	
		<i>For Placement In Cabinet, Deduct</i>		-59.47	
10 44 16 13-0013	EA	20 Lb. Dry Chemical, Type ABC Portable Fire Extinguisher.....		295.20	28.54
		<i>For &gt;5 To 10, Deduct</i>		-7.33	
		<i>For &gt;10, Deduct</i>		-14.65	
		<i>For Placement In Cabinet, Deduct</i>		-74.33	
10 44 16 13-0014	EA	50 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher.....		1,797.48	45.19
		<i>For &gt;5 To 10, Deduct</i>		-77.98	
		<i>For &gt;10, Deduct</i>		-155.96	
10 44 16 13-0015	EA	125 Lb. Dry Chemical, Type ABC Wheeled Fire Extinguisher.....		2,651.64	45.19
		<i>For &gt;5 To 10, Deduct</i>		-120.69	
		<i>For &gt;10, Deduct</i>		-241.38	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Safety Specialties	10 40	
Fire Protection Specialties	10 44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 44 16 13-0016 Other Portable Fire Extinguishers</b> <small>(10 44 16 13)</small>		
10 44 16 13-0017 EA 2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher.....	211.44	17.84
Note: Stainless steel.		
For >5 To 10, Deduct	-6.00	
For >10, Deduct	-12.00	
For Placement In Cabinet, Deduct	-45.75	
10 44 16 13-0018 EA 1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher.....	321.78	28.54
Note: Stainless steel.		
For >5 To 10, Deduct	-8.66	
For >10, Deduct	-17.31	
For Placement In Cabinet, Deduct	-74.33	
10 44 16 13-0019 EA 2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher.....	340.64	28.54
Note: Stainless steel.		
For >5 To 10, Deduct	-9.60	
For >10, Deduct	-19.20	
For Placement In Cabinet, Deduct	-74.33	
10 44 16 13-0020 EA 30 Lb. Dry Powder, Class D Portable Fire Extinguisher .....	470.92	28.54
Note: Yellow steel.		
For >5 To 10, Deduct	-16.11	
For >10, Deduct	-32.23	
<b>10 44 16 13-0021 Fire Extinguisher Backboards</b> <small>(10 44 16 13)</small>		
<b>10 44 16 13-0022 Fire Extinguisher Backboards</b> <small>(10 44 16 13-0021)</small>		
Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0023 EA Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard .....	128.22	20.35
10 44 16 13-0024 EA Relocate Fire Extinguisher Wood Backboard, Any Size .....	179.55	
Note: Includes storage and cleaning.		
<b>10 44 16 13-0025 Inspections And Testing</b> <small>(10 44 16 13)</small>		
10 44 16 13-0026 EA On Site Fire Extinguisher Annual Inspection (Tag).....	8.65	
10 44 16 13-0027 EA On Site Fire Extinguisher Hydrotest.....	12.71	
<b>10 44 19 Fire Blankets</b> <small>(10 44)</small>		
10 44 19 00-0001 EA Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB).....	537.93	48.77
Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
10 44 19 00-0002 EA Drop Type Fire Blanket Cabinet (JL Industries 2FB) .....	389.42	48.77
Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.		
<b>10 45 Photoluminescent Exit Specialties</b> <small>(10 40)</small>		
<b>10 45 00 00-0001 Photoluminescent Illuminated Egress Markings</b> <small>(10 45)</small>		
10 45 00 00-0002 LF 1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors.....	9.89	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0003 LF 1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors .....	10.45	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0004 LF 2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors.....	11.01	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0005 LF 1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors .....	10.46	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0006 LF 2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors .....	11.58	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0007 LF 1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors .....	12.28	
Note: Peel and stick.		
For Wall Applied, Add	1.06	
10 45 00 00-0008 EA 1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors.....	53.48	
Note: Self adhesive, high bond foam backing.		
10 45 00 00-0009 EA 1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip .....	52.67	
Note: Self adhesive, high bond foam backing.		
<b>10 50 Storage Specialties</b> <small>(10)</small>		
<b>10 51 Lockers</b> <small>(10 50)</small>		
<b>10 51 13 Metal Lockers</b> <small>(10 51)</small>		
10 51 13 00-0001 Institutional And Corridor Lockers <small>(10 51 13)</small>		
Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0002 Single Tier Institutional Or Corridor Locker <small>(10 51 13 00-0001)</small>		
Note: Includes one hat shelf, three single hooks and one double hook.		

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0003	EA		12" x 12" x 60" Single Tier Institutional Or Corridor Locker.....	276.78	36.86
			<i>For &gt;25 To 50, Deduct</i>	-10.15	
			<i>For &gt;50 To 100, Deduct</i>	-21.41	
			<i>For &gt;100, Deduct</i>	-32.67	
			<i>For 14 Gauge Doors, Add</i>	16.24	
10 51 13 00-0004	EA		12" x 15" x 60" Single Tier Institutional Or Corridor Locker.....	287.54	36.86
			<i>For &gt;25 To 50, Deduct</i>	-10.69	
			<i>For &gt;50 To 100, Deduct</i>	-22.49	
			<i>For &gt;100, Deduct</i>	-34.28	
			<i>For 14 Gauge Doors, Add</i>	17.10	
10 51 13 00-0005	EA		12" x 18" x 60" Single Tier Institutional Or Corridor Locker.....	302.25	36.86
			<i>For &gt;25 To 50, Deduct</i>	-11.43	
			<i>For &gt;50 To 100, Deduct</i>	-23.96	
			<i>For &gt;100, Deduct</i>	-36.49	
			<i>For 14 Gauge Doors, Add</i>	18.28	
10 51 13 00-0006	EA		12" x 12" x 72" Single Tier Institutional Or Corridor Locker.....	301.48	38.06
			<i>For &gt;25 To 50, Deduct</i>	-11.27	
			<i>For &gt;50 To 100, Deduct</i>	-23.68	
			<i>For &gt;100, Deduct</i>	-36.09	
			<i>For 14 Gauge Doors, Add</i>	18.03	
10 51 13 00-0007	EA		12" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	310.40	38.06
			<i>For &gt;25 To 50, Deduct</i>	-11.71	
			<i>For &gt;50 To 100, Deduct</i>	-24.57	
			<i>For &gt;100, Deduct</i>	-37.43	
			<i>For 14 Gauge Doors, Add</i>	18.74	
10 51 13 00-0008	EA		12" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	319.09	38.06
			<i>For &gt;25 To 50, Deduct</i>	-12.15	
			<i>For &gt;50 To 100, Deduct</i>	-25.44	
			<i>For &gt;100, Deduct</i>	-38.73	
			<i>For 14 Gauge Doors, Add</i>	19.44	
10 51 13 00-0009	EA		15" x 15" x 72" Single Tier Institutional Or Corridor Locker.....	334.10	38.06
			<i>For &gt;25 To 50, Deduct</i>	-12.90	
			<i>For &gt;50 To 100, Deduct</i>	-26.94	
			<i>For &gt;100, Deduct</i>	-40.98	
			<i>For 14 Gauge Doors, Add</i>	20.64	
10 51 13 00-0010	EA		15" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	348.96	38.06
			<i>For &gt;25 To 50, Deduct</i>	-13.64	
			<i>For &gt;50 To 100, Deduct</i>	-28.43	
			<i>For &gt;100, Deduct</i>	-43.21	
			<i>For 14 Gauge Doors, Add</i>	21.83	
10 51 13 00-0011	EA		18" x 18" x 72" Single Tier Institutional Or Corridor Locker.....	364.69	38.06
			<i>For &gt;25 To 50, Deduct</i>	-14.43	
			<i>For &gt;50 To 100, Deduct</i>	-30.00	
			<i>For &gt;100, Deduct</i>	-45.57	
			<i>For 14 Gauge Doors, Add</i>	23.09	
10 51 13 00-0012	EA		18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	379.22	38.06
			<i>For &gt;25 To 50, Deduct</i>	-15.16	
			<i>For &gt;50 To 100, Deduct</i>	-31.45	
			<i>For &gt;100, Deduct</i>	-47.75	
			<i>For 14 Gauge Doors, Add</i>	24.25	
10 51 13 00-0013	EA		24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	511.96	38.06
			<i>For &gt;25 To 50, Deduct</i>	-21.79	
			<i>For &gt;50 To 100, Deduct</i>	-44.73	
			<i>For &gt;100, Deduct</i>	-67.66	
			<i>For 14 Gauge Doors, Add</i>	34.87	
10 51 13 00-0014			<b>Two Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
			Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0015	EA		12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	326.59	38.06
			<i>For &gt;25 To 50, Deduct</i>	-12.52	
			<i>For &gt;50 To 100, Deduct</i>	-26.19	
			<i>For &gt;100, Deduct</i>	-39.86	
			<i>For 14 Gauge Doors, Add</i>	27.55	
10 51 13 00-0016	EA		12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	333.36	38.06
			<i>For &gt;25 To 50, Deduct</i>	-12.86	
			<i>For &gt;50 To 100, Deduct</i>	-26.87	
			<i>For &gt;100, Deduct</i>	-40.87	
			<i>For 14 Gauge Doors, Add</i>	28.30	
10 51 13 00-0017	EA		12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	340.20	38.06
			<i>For &gt;25 To 50, Deduct</i>	-13.20	
			<i>For &gt;50 To 100, Deduct</i>	-27.55	
			<i>For &gt;100, Deduct</i>	-41.90	
			<i>For 14 Gauge Doors, Add</i>	29.05	
10 51 13 00-0018	EA		12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	341.42	39.25
			<i>For &gt;25 To 50, Deduct</i>	-13.15	
			<i>For &gt;50 To 100, Deduct</i>	-27.47	
			<i>For &gt;100, Deduct</i>	-41.79	
			<i>For 14 Gauge Doors, Add</i>	28.92	
10 51 13 00-0019	EA		12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	356.24	39.25
			<i>For &gt;25 To 50, Deduct</i>	-13.89	
			<i>For &gt;50 To 100, Deduct</i>	-28.95	
			<i>For &gt;100, Deduct</i>	-44.02	
			<i>For 14 Gauge Doors, Add</i>	30.55	



	<b>Specialties</b>	<b>10</b>
	<b>Storage Specialties</b>	<b>10 50</b>
	<b>Lockers</b>	<b>10 51</b>

10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0020	EA	12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	365.18	39.25
			<i>For &gt;25 To 50, Deduct</i>	-14.33	
			<i>For &gt;50 To 100, Deduct</i>	-29.85	
			<i>For &gt;100, Deduct</i>	-45.36	
			<i>For 14 Gauge Doors, Add</i>	31.53	
10 51	13 00-0021	EA	15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	378.00	39.25
			<i>For &gt;25 To 50, Deduct</i>	-14.98	
			<i>For &gt;50 To 100, Deduct</i>	-31.13	
			<i>For &gt;100, Deduct</i>	-47.28	
			<i>For 14 Gauge Doors, Add</i>	32.95	
10 51	13 00-0022	EA	15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	390.88	39.25
			<i>For &gt;25 To 50, Deduct</i>	-15.62	
			<i>For &gt;50 To 100, Deduct</i>	-32.42	
			<i>For &gt;100, Deduct</i>	-49.21	
			<i>For 14 Gauge Doors, Add</i>	34.36	
10 51	13 00-0023	EA	18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	449.14	39.25
			<i>For &gt;25 To 50, Deduct</i>	-18.53	
			<i>For &gt;50 To 100, Deduct</i>	-38.24	
			<i>For &gt;100, Deduct</i>	-57.95	
			<i>For 14 Gauge Doors, Add</i>	40.77	
10 51	13 00-0024	EA	18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	459.72	39.25
			<i>For &gt;25 To 50, Deduct</i>	-19.06	
			<i>For &gt;50 To 100, Deduct</i>	-39.30	
			<i>For &gt;100, Deduct</i>	-59.54	
			<i>For 14 Gauge Doors, Add</i>	41.93	
10 51	13 00-0025		<b>Three Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
			Note: Includes one double hook per tier.		
10 51	13 00-0026	EA	12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	383.13	40.44
			<i>For &gt;25 To 50, Deduct</i>	-15.11	
			<i>For &gt;50 To 100, Deduct</i>	-31.44	
			<i>For &gt;100, Deduct</i>	-47.77	
			<i>For 14 Gauge Doors, Add</i>	45.34	
10 51	13 00-0027	EA	12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	390.09	40.44
			<i>For &gt;25 To 50, Deduct</i>	-15.46	
			<i>For &gt;50 To 100, Deduct</i>	-32.14	
			<i>For &gt;100, Deduct</i>	-48.81	
			<i>For 14 Gauge Doors, Add</i>	46.38	
10 51	13 00-0028	EA	12" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	414.82	40.44
			<i>For &gt;25 To 50, Deduct</i>	-16.70	
			<i>For &gt;50 To 100, Deduct</i>	-34.61	
			<i>For &gt;100, Deduct</i>	-52.52	
			<i>For 14 Gauge Doors, Add</i>	50.09	
10 51	13 00-0029	EA	15" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	438.51	40.44
			<i>For &gt;25 To 50, Deduct</i>	-17.88	
			<i>For &gt;50 To 100, Deduct</i>	-36.98	
			<i>For &gt;100, Deduct</i>	-56.07	
			<i>For 14 Gauge Doors, Add</i>	53.65	
10 51	13 00-0030	EA	15" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	457.37	40.44
			<i>For &gt;25 To 50, Deduct</i>	-18.83	
			<i>For &gt;50 To 100, Deduct</i>	-38.86	
			<i>For &gt;100, Deduct</i>	-58.90	
			<i>For 14 Gauge Doors, Add</i>	56.48	
10 51	13 00-0031		<b>Four Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
10 51	13 00-0032	EA	12" x 12" x 72" Four Tier Institutional Or Corridor Locker.....	376.22	41.62
			<i>For &gt;25 To 50, Deduct</i>	-14.65	
			<i>For &gt;50 To 100, Deduct</i>	-30.54	
			<i>For &gt;100, Deduct</i>	-46.44	
10 51	13 00-0033	EA	12" x 15" x 72" Four Tier Institutional Or Corridor Locker.....	388.36	41.62
			<i>For &gt;25 To 50, Deduct</i>	-15.26	
			<i>For &gt;50 To 100, Deduct</i>	-31.76	
			<i>For &gt;100, Deduct</i>	-48.26	
10 51	13 00-0034	EA	12" x 18" x 72" Four Tier Institutional Or Corridor Locker.....	407.90	41.62
			<i>For &gt;25 To 50, Deduct</i>	-16.23	
			<i>For &gt;50 To 100, Deduct</i>	-33.71	
			<i>For &gt;100, Deduct</i>	-51.19	
10 51	13 00-0035	EA	15" x 15" x 72" Four Tier Institutional Or Corridor Locker.....	423.53	41.62
			<i>For &gt;25 To 50, Deduct</i>	-17.01	
			<i>For &gt;50 To 100, Deduct</i>	-35.28	
			<i>For &gt;100, Deduct</i>	-53.54	
10 51	13 00-0036	EA	15" x 18" x 72" Four Tier Institutional Or Corridor Locker.....	446.04	41.62
			<i>For &gt;25 To 50, Deduct</i>	-18.14	
			<i>For &gt;50 To 100, Deduct</i>	-37.53	
			<i>For &gt;100, Deduct</i>	-56.91	
10 51	13 00-0037		<b>Six Tier Institutional Or Corridor Locker</b> <small>(10 51 13 00-0001)</small>		
10 51	13 00-0038	EA	12" x 12" x 72" Six Tier Institutional Or Corridor Locker.....	409.14	42.82
			<i>For &gt;25 To 50, Deduct</i>	-16.18	
			<i>For &gt;50 To 100, Deduct</i>	-33.64	
			<i>For &gt;100, Deduct</i>	-51.10	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 50</b>	<b>Storage Specialties</b>
	<b>10 51</b>	<b>Lockers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0039	EA	12" x 15" x 72" Six Tier Institutional Or Corridor Locker.....	418.50	42.82
			<i>For &gt;25 To 50, Deduct</i>	-16.64	
			<i>For &gt;50 To 100, Deduct</i>	-34.57	
			<i>For &gt;100, Deduct</i>	-52.50	
10 51	13 00-0040	EA	12" x 18" x 72" Six Tier Institutional Or Corridor Locker.....	436.18	42.82
			<i>For &gt;25 To 50, Deduct</i>	-17.53	
			<i>For &gt;50 To 100, Deduct</i>	-36.34	
			<i>For &gt;100, Deduct</i>	-55.15	
<b>10 51</b>	<b>13 00-0041</b>		<b>Locker And Coat Rack Combination</b> <small>(10 51 13 00-0001)</small>		
10 51	13 00-0042	EA	45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination.....	753.32	28.54
10 51	13 00-0043	EA	72" x 18" x 78", 16 Person Locker And Coat Rack Combination .....	1,205.49	59.46
<b>10 51</b>	<b>13 00-0044</b>		<b>Athletic Lockers</b> <small>(10 51 13)</small>		
			Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
<b>10 51</b>	<b>13 00-0045</b>		<b>Single Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
			Note: Includes one hat shelf, three single hooks and one double hook.		
10 51	13 00-0046	EA	12" x 15" x 72" Single Tier Athletic Locker .....	429.85	38.06
			<i>For &gt;25 To 50, Deduct</i>	-17.69	
			<i>For &gt;50 To 100, Deduct</i>	-36.52	
			<i>For &gt;100, Deduct</i>	-55.34	
10 51	13 00-0047	EA	12" x 18" x 72" Single Tier Athletic Locker .....	455.56	38.06
			<i>For &gt;25 To 50, Deduct</i>	-18.97	
			<i>For &gt;50 To 100, Deduct</i>	-39.09	
			<i>For &gt;100, Deduct</i>	-59.20	
10 51	13 00-0048	EA	15" x 15" x 72" Single Tier Athletic Locker .....	464.59	38.06
			<i>For &gt;25 To 50, Deduct</i>	-19.42	
			<i>For &gt;50 To 100, Deduct</i>	-39.99	
			<i>For &gt;100, Deduct</i>	-60.56	
10 51	13 00-0049	EA	15" x 18" x 72" Single Tier Athletic Locker .....	481.09	38.06
			<i>For &gt;25 To 50, Deduct</i>	-20.25	
			<i>For &gt;50 To 100, Deduct</i>	-41.64	
			<i>For &gt;100, Deduct</i>	-63.03	
10 51	13 00-0050	EA	18" x 18" x 72" Single Tier Athletic Locker .....	521.78	38.06
			<i>For &gt;25 To 50, Deduct</i>	-22.28	
			<i>For &gt;50 To 100, Deduct</i>	-45.71	
			<i>For &gt;100, Deduct</i>	-69.13	
10 51	13 00-0051	EA	18" x 21" x 72" Single Tier Athletic Locker .....	564.42	38.06
			<i>For &gt;25 To 50, Deduct</i>	-24.42	
			<i>For &gt;50 To 100, Deduct</i>	-49.97	
			<i>For &gt;100, Deduct</i>	-75.53	
<b>10 51</b>	<b>13 00-0052</b>		<b>Two Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
			Note: Includes three single hooks and one double hook per tier.		
10 51	13 00-0053	EA	12" x 12" x 72" Two Tier Athletic Locker .....	480.50	39.25
			<i>For &gt;25 To 50, Deduct</i>	-20.10	
			<i>For &gt;50 To 100, Deduct</i>	-41.38	
			<i>For &gt;100, Deduct</i>	-62.66	
10 51	13 00-0054	EA	12" x 15" x 72" Two Tier Athletic Locker .....	496.06	39.25
			<i>For &gt;25 To 50, Deduct</i>	-20.88	
			<i>For &gt;50 To 100, Deduct</i>	-42.93	
			<i>For &gt;100, Deduct</i>	-64.99	
10 51	13 00-0055	EA	12" x 18" x 72" Two Tier Athletic Locker .....	517.27	39.25
			<i>For &gt;25 To 50, Deduct</i>	-21.94	
			<i>For &gt;50 To 100, Deduct</i>	-45.05	
			<i>For &gt;100, Deduct</i>	-68.17	
10 51	13 00-0056	EA	15" x 15" x 72" Two Tier Athletic Locker .....	520.48	39.25
			<i>For &gt;25 To 50, Deduct</i>	-22.10	
			<i>For &gt;50 To 100, Deduct</i>	-45.38	
			<i>For &gt;100, Deduct</i>	-68.65	
10 51	13 00-0057	EA	15" x 18" x 72" Two Tier Athletic Locker .....	537.91	39.25
			<i>For &gt;25 To 50, Deduct</i>	-22.97	
			<i>For &gt;50 To 100, Deduct</i>	-47.12	
			<i>For &gt;100, Deduct</i>	-71.27	
10 51	13 00-0058	EA	18" x 18" x 72" Two Tier Athletic Locker .....	559.32	39.25
			<i>For &gt;25 To 50, Deduct</i>	-24.04	
			<i>For &gt;50 To 100, Deduct</i>	-49.26	
			<i>For &gt;100, Deduct</i>	-74.48	
10 51	13 00-0059	EA	18" x 21" x 72" Two Tier Athletic Locker .....	607.38	39.25
			<i>For &gt;25 To 50, Deduct</i>	-26.44	
			<i>For &gt;50 To 100, Deduct</i>	-54.07	
			<i>For &gt;100, Deduct</i>	-81.69	
<b>10 51</b>	<b>13 00-0060</b>		<b>Three Tier Athletic Locker</b> <small>(10 51 13 00-0044)</small>		
			Note: Includes one double hook per tier.		
10 51	13 00-0061	EA	12" x 12" x 72" Three Tier Athletic Locker.....	531.06	40.44
			<i>For &gt;25 To 50, Deduct</i>	-22.51	
			<i>For &gt;50 To 100, Deduct</i>	-46.23	
			<i>For &gt;100, Deduct</i>	-69.95	



	<b>Specialties</b>	<b>10</b>
	<b>Storage Specialties</b>	<b>10 50</b>
	<b>Lockers</b>	<b>10 51</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0062	EA		12" x 15" x 72" Three Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	553.29 -23.62 -48.46 -73.29	40.44
10 51 13 00-0063	EA		12" x 18" x 72" Three Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	583.97 -25.16 -51.52 -77.89	40.44
10 51 13 00-0064	EA		15" x 15" x 72" Three Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	599.67 -25.94 -53.09 -80.25	40.44
10 51 13 00-0065	EA		15" x 18" x 72" Three Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	623.23 -27.12 -55.45 -83.78	40.44
<b>10 51 13 00-0066</b>			<b>Four Tier Athletic Locker (10 51 13 00-0044)</b>		
10 51 13 00-0067	EA		12" x 12" x 72" Four Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	494.09 -20.54 -42.33 -64.12	41.62
10 51 13 00-0068	EA		12" x 15" x 72" Four Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	524.67 -22.07 -45.39 -68.71	41.62
10 51 13 00-0069	EA		12" x 18" x 72" Four Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	555.25 -23.60 -48.45 -73.30	41.62
10 51 13 00-0070	EA		15" x 15" x 72" Four Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	570.91 -24.38 -50.01 -75.65	41.62
10 51 13 00-0071	EA		15" x 18" x 72" Four Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	582.66 -24.97 -51.19 -77.41	41.62
<b>10 51 13 00-0072</b>			<b>Six Tier Athletic Locker (10 51 13 00-0044)</b>		
10 51 13 00-0073	EA		12" x 12" x 72" Six Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	547.89 -23.11 -47.51 -71.91	42.82
10 51 13 00-0074	EA		12" x 15" x 72" Six Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	571.39 -24.29 -49.86 -75.43	42.82
10 51 13 00-0075	EA		12" x 18" x 72" Six Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	594.84 -25.46 -52.21 -78.95	42.82
10 51 13 00-0076	EA		12" x 21" x 72" Six Tier Athletic Locker ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	680.43 -29.74 -60.76 -91.79	42.82
<b>10 51 13 00-0077</b>			<b>Metal Locker Accessories (10 51 13)</b>		
<b>10 51 13 00-0078</b>			<b>Locker Slope Tops (10 51 13 00-0077)</b>		
<b>10 51 13 00-0079</b>			<b>16 Gauge Continuous Sloping Hood (10 51 13 00-0078)</b>		
10 51 13 00-0080	LF		12" Deep, 16 Gauge Continuous Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	34.57 -2.11 -4.22 -6.33	4.76
10 51 13 00-0081	LF		15" Deep, 16 Gauge Continuous Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	29.22 -1.76 -3.52 -5.28	4.76
10 51 13 00-0082	LF		18" Deep, 16 Gauge Continuous Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	40.05 -2.40 -4.80 -7.20	4.76
10 51 13 00-0083	LF		21" Deep, 16 Gauge Continuous Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	44.21 -2.65 -5.30 -7.95	4.76
10 51 13 00-0084	LF		24" Deep, 16 Gauge Continuous Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	46.16 -2.77 -5.54 -8.31	4.76
<b>10 51 13 00-0085</b>			<b>16 Gauge Slope Top Corner Fillers (10 51 13 00-0078)</b>		
10 51 13 00-0086	EA		12" Deep, 16 Gauge Slope Top Corner Fillers ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	141.99 -8.52 -17.04 -25.56	4.76
10 51 13 00-0087	EA		15" Deep, 16 Gauge Slope Top Corner Fillers ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	145.02 -8.70 -17.40 -26.10	4.76
10 51 13 00-0088	EA		18" Deep, 16 Gauge Slope Top Corner Fillers ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	148.04 -8.88 -17.76 -26.64	4.76
10 51 13 00-0089	EA		21" Deep, 16 Gauge Slope Top Corner Fillers ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	151.70 -9.10 -18.20 -27.30	4.76
10 51 13 00-0090	EA		24" Deep, 16 Gauge Slope Top Corner Fillers ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	155.33 -9.33 -18.66 -27.99	4.76
<b>10 51 13 00-0091</b>			<b>20 Gauge Individual Slope Top (10 51 13 00-0078)</b>		
10 51 13 00-0092	EA		12" Wide x 12" Deep 20 Gauge Individual Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	29.75 -1.79 -3.58 -5.37	4.76
10 51 13 00-0093	EA		12" Wide x 15" Deep 20 Gauge Individual Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	29.55 -1.77 -3.54 -5.31	4.76
10 51 13 00-0094	EA		12" Wide x 18" Deep 20 Gauge Individual Slope Top ..... <i>For &gt;25 To 50, Deduct</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100, Deduct</i>	32.84 -1.97 -3.94 -5.91	4.76

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 51 13 00-0095	EA	15" Wide x 15" Deep 20 Gauge Individual Slope Top.....		32.84	4.76
10 51 13 00-0096	EA	15" Wide x 18" Deep 20 Gauge Individual Slope Top.....		33.63	4.76
10 51 13 00-0097	EA	15" Wide x 21" Deep 20 Gauge Individual Slope Top.....		36.74	4.76
10 51 13 00-0098	EA	18" Wide x 18" Deep 20 Gauge Individual Slope Top.....		36.74	4.76
10 51 13 00-0099	EA	18" Wide x 21" Deep 20 Gauge Individual Slope Top.....		40.84	4.76
10 51 13 00-0100	EA	18" Wide x 24" Deep 20 Gauge Individual Slope Top.....		45.71	4.76
<b>10 51 13 00-0101</b>		<b>Continuous Slope Top End Closures</b> <small>(10 51 13 00-0078)</small>			
10 51 13 00-0102	PR	12" Deep, Continuous Slope Top End Closures.....		31.69	4.76
10 51 13 00-0103	PR	15" Deep, Continuous Slope Top End Closures.....		26.99	4.76
10 51 13 00-0104	PR	18" Deep, Continuous Slope Top End Closures.....		35.57	4.76
10 51 13 00-0105	PR	21" Deep, Continuous Slope Top End Closures.....		37.53	4.76
10 51 13 00-0106	PR	24" Deep, Continuous Slope Top End Closures.....		38.86	4.76
<b>10 51 13 00-0107</b>		<b>Individual Slope Top End Closures</b> <small>(10 51 13 00-0078)</small>			
10 51 13 00-0108	EA	12" Deep, Individual Slope Top End Closures.....		20.60	4.76
10 51 13 00-0109	EA	15" Deep, Individual Slope Top End Closures.....		21.21	4.76
10 51 13 00-0110	EA	18" Deep, Individual Slope Top End Closures.....		22.56	4.76
10 51 13 00-0111	EA	21" Deep, Individual Slope Top End Closures.....		23.50	4.76
10 51 13 00-0112	EA	24" Deep, Individual Slope Top End Closures.....		33.10	4.76
<b>10 51 13 00-0113</b>		<b>Locker Base</b> <small>(10 51 13 00-0077)</small>			
<b>10 51 13 00-0114</b>		<b>Closed Front Base</b> <small>(10 51 13 00-0113)</small>			
10 51 13 00-0115	EA	12" Wide, 6" High Closed Front Base.....		21.64	4.76
10 51 13 00-0116	EA	15" Wide, 6" High Closed Front Base.....		22.66	4.76
10 51 13 00-0117	EA	18" Wide, 6" High Closed Front Base.....		24.78	4.76
10 51 13 00-0118	EA	24" Wide, 6" High Closed Front Base.....		25.79	4.76
<b>10 51 13 00-0119</b>		<b>Closed End Base</b> <small>(10 51 13 00-0113)</small>			
10 51 13 00-0120	EA	12" Deep, 6" High Closed End Base.....		24.46	4.76
10 51 13 00-0121	EA	15" Deep, 6" High Closed End Base.....		24.64	4.76
10 51 13 00-0122	EA	18" Deep, 6" High Closed End Base.....		26.01	4.76
10 51 13 00-0123	EA	21" Deep, 6" High Closed End Base.....		27.36	4.76
10 51 13 00-0124	EA	24" Deep, 6" High Closed End Base.....		29.20	4.76
<b>10 51 13 00-0125</b>		<b>Recessed Continuous Front "Z" Base</b> <small>(10 51 13 00-0113)</small>			
10 51 13 00-0126	LF	4" High Recessed Continuous Front "Z" Base.....		25.58	3.57
<b>10 51 13 00-0127</b>		<b>"Z" Base Ends Or Splice</b> <small>(10 51 13 00-0113)</small>			
10 51 13 00-0128	EA	12" Wide, 4" High Z-Base Ends Or Splice.....		25.56	4.76
10 51 13 00-0129	EA	15" Wide, 4" High Z-Base Ends Or Splice.....		29.55	4.76
10 51 13 00-0130	EA	18" Wide, 4" High Z-Base Ends Or Splice.....		33.63	4.76
10 51 13 00-0131	EA	21" Wide, 4" High Z-Base Ends Or Splice.....		37.92	4.76
10 51 13 00-0132	EA	24" Wide, 4" High Z-Base Ends Or Splice.....		42.19	4.76
<b>10 51 13 00-0133</b>		<b>Locker Front Fillers And End Panels</b> <small>(10 51 13 00-0077)</small>			
<b>10 51 13 00-0134</b>		<b>Locker Front Fillers</b> <small>(10 51 13 00-0133)</small>			
10 51 13 00-0135	EA	6" Wide x 60" High, 16 Gauge Front Filler.....		41.66	5.95
10 51 13 00-0136	EA	12" Wide x 60" High, 16 Gauge Front Filler.....		64.14	5.95
10 51 13 00-0137	EA	6" Wide x 66" High, 16 Gauge Front Filler.....		45.32	5.95
10 51 13 00-0138	EA	12" Wide x 66" High, 16 Gauge Front Filler.....		50.88	5.95
10 51 13 00-0139	EA	6" Wide x 72" High, 16 Gauge Front Filler.....		49.57	5.95
10 51 13 00-0140	EA	12" Wide x 72" High, 16 Gauge Front Filler.....		70.21	5.95
10 51 13 00-0141	EA	6" Wide x 78" High, 16 Gauge Front Filler.....		50.75	5.95
10 51 13 00-0142	EA	12" Wide x 78" High, 16 Gauge Front Filler.....		59.09	5.95
<b>10 51 13 00-0143</b>		<b>Locker End Panels</b> <small>(10 51 13 00-0133)</small>			
10 51 13 00-0144	EA	12" Deep x 60" High, 16 Gauge End Panel.....		64.36	4.76
10 51 13 00-0145	EA	15" Deep x 60" High, 16 Gauge End Panel.....		72.97	4.76
10 51 13 00-0146	EA	18" Deep x 60" High, 16 Gauge End Panel.....		86.53	4.76
10 51 13 00-0147	EA	12" Deep x 72" High, 16 Gauge End Panel.....		75.81	4.76
10 51 13 00-0148	EA	15" Deep x 72" High, 16 Gauge End Panel.....		86.29	4.76
10 51 13 00-0149	EA	18" Deep x 72" High, 16 Gauge End Panel.....		100.23	4.76
10 51 13 00-0150	EA	21" Deep x 72" High, 16 Gauge End Panel.....		115.37	4.76
<b>10 51 13 00-0151</b>		<b>Locker Recessed Trim</b> <small>(10 51 13 00-0077)</small>			
10 51 13 00-0152	LF	3" Height, Top Trim For Recessed Lockers.....		11.28	2.37
10 51 13 00-0153	EA	3" Height, Inside And Outside Top Corner Trim For Recessed Lockers.....		31.06	4.76
10 51 13 00-0154	EA	60" Height, 3" Wide Side Trim For Recessed Lockers.....		47.22	4.76



<b>Specialties</b>	<b>10</b>
<b>Storage Specialties</b>	<b>10 50</b>
<b>Lockers</b>	<b>10 51</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0155	EA		66" Height, 3" Wide Side Trim For Recessed Lockers.....	48.92	4.76
10 51 13 00-0156	EA		72" Height, 3" Wide Side Trim For Recessed Lockers.....	50.63	4.76
10 51 13 00-0157	EA		78" Height, 3" Wide Side Trim For Recessed Lockers.....	52.12	4.76
<b>10 51 13 00-0158</b>			<b>Locker Interior Accessories</b> (10 51 13 00-0077)		
<b>10 51 13 00-0159</b>			<b>Locker Coat Rods</b> (10 51 13 00-0158)		
10 51 13 00-0160	EA		12" Wide Coat Rod.....	16.86	4.76
10 51 13 00-0161	EA		15" Wide Coat Rod.....	18.44	4.76
10 51 13 00-0162	EA		18" Wide Coat Rod.....	19.85	4.76
10 51 13 00-0163	EA		24" Wide Coat Rod.....	21.09	4.76
<b>10 51 13 00-0164</b>			<b>Locker Hat Shelf</b> (10 51 13 00-0158)		
10 51 13 00-0165	EA		12" Wide Hat Shelf.....	20.19	4.76
10 51 13 00-0166	EA		15" Wide Hat Shelf.....	23.62	4.76
10 51 13 00-0167	EA		18" Wide Hat Shelf.....	25.07	4.76
10 51 13 00-0168	EA		24" Wide Hat Shelf.....	30.79	4.76
<b>10 51 13 00-0169</b>			<b>Locker ADA Compliant Shelf</b> (10 51 13 00-0158)		
10 51 13 00-0170	EA		ADA Compliant Shelf For Single Tier Lockers..... Note: Includes an ADA label for locker face.	39.66	5.95
<b>10 51 13 00-0171</b>			<b>Other Interior Locker Accessories</b> (10 51 13 00-0158)		
10 51 13 00-0172	EA		3" x 10" Bent Plate Shoe Rack.....	52.25	4.76
10 51 13 00-0173	EA		8" x 10" Mirror.....	41.57	4.76
10 51 13 00-0174	EA		Additional Hook.....	12.19	4.76
<b>10 51 13 00-0175</b>			<b>Locker Locks</b> (10 51 13 00-0077)		
10 51 13 00-0176	EA		Built In Combination Lock.....	45.56	4.76
<b>10 51 13 00-0177</b>			<b>Steel Basket Racks Mounted On Concrete Base</b> (10 51 13) Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0178	EA		9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack.....	2,122.73	89.20
10 51 13 00-0179	EA		12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack.....	1,815.55	89.20
<b>10 51 13 00-0180</b>			<b>All-Welded Steel Lockers</b> (10 51 13)		
<b>10 51 13 00-0181</b>			<b>All Welded Locker Accessories</b> (10 51 13 00-0180)		
10 51 13 00-0182	EA		ADA Requirements For All Welded Lockers.....	130.67	
10 51 13 00-0183	EA		Solid Boxed End Panel For 12" Deep All Welded Lockers.....	211.13	4.76
10 51 13 00-0184	EA		Solid Boxed End Panel For 15" Deep All Welded Lockers.....	244.73	4.76
10 51 13 00-0185	EA		Recessed Trim For All Welded Lockers.....	148.90	4.76
10 51 13 00-0186	EA		Built In Combination Lock For All Welded Lockers.....	45.56	4.76
10 51 13 00-0187	EA		Pad Lock For All Welded Lockers.....	40.63	4.76
<b>10 51 13 00-0188</b>			<b>All-Welded Corridor Lockers</b> (10 51 13) Note: Price per frame. Includes powder coat finish. Excludes slope top, base fillers, and locks.		
<b>10 51 13 00-0189</b>			<b>Single Tier, All-Welded Corridor Lockers</b> (10 51 13 00-0188) Note: Includes one hat shelf, two single wall hooks and one double ceiling hook.		
10 51 13 00-0190	EA		12" x 12" x 60" Single Tier, All-Welded Corridor Locker.....	720.87	36.86
			For >50 To 100, Deduct	-65.82	
			For >100, Deduct	-99.28	
			For 4" Metal Base, Add	16.18	
			For Slope Top, Add	48.53	
			For Electrogalvanized Finish, Add	97.07	
10 51 13 00-0191	EA		15" x 12" x 60" Single Tier, All-Welded Corridor Locker.....	820.43	36.86
			For >50 To 100, Deduct	-75.78	
			For >100, Deduct	-114.22	
			For 4" Metal Base, Add	18.67	
			For Slope Top, Add	56.00	
			For Electrogalvanized Finish, Add	112.00	
10 51 13 00-0192	EA		15" x 15" x 60" Single Tier, All-Welded Corridor Locker.....	1,007.43	36.86
			For >50 To 100, Deduct	-94.48	
			For >100, Deduct	-142.27	
			For 4" Metal Base, Add	23.34	
			For Slope Top, Add	70.03	
			For Electrogalvanized Finish, Add	140.05	
10 51 13 00-0193	EA		12" x 12" x 72" Single Tier, All-Welded Corridor Locker.....	747.21	38.06
			For >50 To 100, Deduct	-68.25	
			For >100, Deduct	-102.95	
			For 4" Metal Base, Add	16.78	
			For Slope Top, Add	50.33	
			For Electrogalvanized Finish, Add	100.67	

<b>10</b>	<b>10 Specialties</b>
	<b>10 50 Storage Specialties</b>
	<b>10 51 Lockers</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0194	EA	15" x 12" x 72" Single Tier, All-Welded Corridor Locker .....	856.40	38.06
			<i>For &gt;50 To 100, Deduct</i>	-79.17	
			<i>For &gt;100, Deduct</i>	-119.33	
			<i>For 4" Metal Base, Add</i>	19.51	
			<i>For Slope Top, Add</i>	58.52	
			<i>For Electrogalvanized Finish, Add</i>	117.04	
10 51	13 00-0195	EA	15" x 15" x 72" Single Tier, All-Welded Corridor Locker .....	1,045.71	38.06
			<i>For &gt;50 To 100, Deduct</i>	-98.10	
			<i>For &gt;100, Deduct</i>	-147.72	
			<i>For 4" Metal Base, Add</i>	24.24	
			<i>For Slope Top, Add</i>	72.72	
			<i>For Electrogalvanized Finish, Add</i>	145.44	

**10 51 26 Plastic Lockers (10 51)**

**10 51 26 00-0001 Solid Plastic Lockers (10 51 26)**

Note: Price per frame. High-density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.

**10 51 26 00-0002 Single Tier Solid Plastic Lockers (10 51 26 00-0001)**

Note: Includes one double hook per tier.

10 51	26 00-0003	EA	12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	681.34	36.86
			<i>For &gt;50 To 100, Deduct</i>	-60.76	
			<i>For &gt;100, Deduct</i>	-93.35	
10 51	26 00-0004	EA	12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	693.53	36.86
			<i>For &gt;50 To 100, Deduct</i>	-61.98	
			<i>For &gt;100, Deduct</i>	-95.18	
10 51	26 00-0005	EA	12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	705.72	36.86
			<i>For &gt;50 To 100, Deduct</i>	-63.20	
			<i>For &gt;100, Deduct</i>	-97.01	
10 51	26 00-0006	EA	15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	724.00	36.86
			<i>For &gt;50 To 100, Deduct</i>	-65.03	
			<i>For &gt;100, Deduct</i>	-99.75	
10 51	26 00-0007	EA	15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	704.67	36.86
			<i>For &gt;50 To 100, Deduct</i>	-63.09	
			<i>For &gt;100, Deduct</i>	-96.85	
10 51	26 00-0008	EA	18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	709.80	36.86
			<i>For &gt;50 To 100, Deduct</i>	-63.61	
			<i>For &gt;100, Deduct</i>	-97.62	
10 51	26 00-0009	EA	18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	700.78	36.86
			<i>For &gt;50 To 100, Deduct</i>	-62.70	
			<i>For &gt;100, Deduct</i>	-96.27	
10 51	26 00-0010	EA	18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	751.11	36.86
			<i>For &gt;50 To 100, Deduct</i>	-67.74	
			<i>For &gt;100, Deduct</i>	-103.82	
10 51	26 00-0011	EA	12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	739.50	36.86
			<i>For &gt;50 To 100, Deduct</i>	-66.58	
			<i>For &gt;100, Deduct</i>	-102.08	
10 51	26 00-0012	EA	12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	753.04	36.86
			<i>For &gt;50 To 100, Deduct</i>	-67.93	
			<i>For &gt;100, Deduct</i>	-104.11	
10 51	26 00-0013	EA	12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	766.58	36.86
			<i>For &gt;50 To 100, Deduct</i>	-69.28	
			<i>For &gt;100, Deduct</i>	-106.14	
10 51	26 00-0014	EA	15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	797.56	36.86
			<i>For &gt;50 To 100, Deduct</i>	-72.38	
			<i>For &gt;100, Deduct</i>	-110.79	
10 51	26 00-0015	EA	15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	840.14	36.86
			<i>For &gt;50 To 100, Deduct</i>	-76.64	
			<i>For &gt;100, Deduct</i>	-117.17	
10 51	26 00-0016	EA	18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	801.42	36.86
			<i>For &gt;50 To 100, Deduct</i>	-72.77	
			<i>For &gt;100, Deduct</i>	-111.36	
10 51	26 00-0017	EA	18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	871.09	36.86
			<i>For &gt;50 To 100, Deduct</i>	-79.74	
			<i>For &gt;100, Deduct</i>	-121.81	
10 51	26 00-0018	EA	12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	744.90	36.86
			<i>For &gt;50 To 100, Deduct</i>	-67.12	
			<i>For &gt;100, Deduct</i>	-102.89	
10 51	26 00-0019	EA	12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	784.60	36.86
			<i>For &gt;50 To 100, Deduct</i>	-71.09	
			<i>For &gt;100, Deduct</i>	-108.84	
10 51	26 00-0020	EA	12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	824.32	36.86
			<i>For &gt;50 To 100, Deduct</i>	-75.06	
			<i>For &gt;100, Deduct</i>	-114.80	
10 51	26 00-0021	EA	15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	795.23	36.86
			<i>For &gt;50 To 100, Deduct</i>	-72.15	
			<i>For &gt;100, Deduct</i>	-110.44	
10 51	26 00-0022	EA	15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	837.31	36.86
			<i>For &gt;50 To 100, Deduct</i>	-76.36	
			<i>For &gt;100, Deduct</i>	-116.75	
10 51	26 00-0023	EA	15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	879.42	36.86
			<i>For &gt;50 To 100, Deduct</i>	-80.57	
			<i>For &gt;100, Deduct</i>	-123.06	



	<b>Specialties</b>	<b>10</b>
	<b>Storage Specialties</b>	<b>10 50</b>
	<b>Lockers</b>	<b>10 51</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0024	EA		18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	845.56	36.86
			For >50 To 100, Deduct	-77.18	
			For >100, Deduct	-117.99	
10 51 26 00-0025	EA		18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	890.05	36.86
			For >50 To 100, Deduct	-81.63	
			For >100, Deduct	-124.66	
10 51 26 00-0026	EA		12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	852.72	38.06
			For >50 To 100, Deduct	-77.66	
			For >100, Deduct	-118.77	
10 51 26 00-0027	EA		12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	897.23	38.06
			For >50 To 100, Deduct	-82.11	
			For >100, Deduct	-125.45	
10 51 26 00-0028	EA		12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	941.70	38.06
			For >50 To 100, Deduct	-86.56	
			For >100, Deduct	-132.12	
10 51 26 00-0029	EA		15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	910.49	38.06
			For >50 To 100, Deduct	-83.44	
			For >100, Deduct	-127.44	
10 51 26 00-0030	EA		15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	957.43	38.06
			For >50 To 100, Deduct	-88.13	
			For >100, Deduct	-134.48	
10 51 26 00-0031	EA		15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	1,004.33	38.06
			For >50 To 100, Deduct	-92.82	
			For >100, Deduct	-141.52	
10 51 26 00-0032	EA		18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	956.53	38.06
			For >50 To 100, Deduct	-88.04	
			For >100, Deduct	-134.35	
10 51 26 00-0033	EA		18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	1,017.58	38.06
			For >50 To 100, Deduct	-94.15	
			For >100, Deduct	-143.50	
10 51 26 00-0034	EA		18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	1,066.88	38.06
			For >50 To 100, Deduct	-99.08	
			For >100, Deduct	-150.90	

**10 51 26 00-0035 Double Tier Solid Plastic Lockers** (10 51 26 00-0001)

Note: Includes one double hook per tier.

10 51 26 00-0036	EA		12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	765.09	38.06
			For >50 To 100, Deduct	-68.90	
			For >100, Deduct	-105.63	
10 51 26 00-0037	EA		12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	776.70	38.06
			For >50 To 100, Deduct	-70.06	
			For >100, Deduct	-107.37	
10 51 26 00-0038	EA		12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	794.11	38.06
			For >50 To 100, Deduct	-71.80	
			For >100, Deduct	-109.98	
10 51 26 00-0039	EA		15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	788.32	38.06
			For >50 To 100, Deduct	-71.22	
			For >100, Deduct	-109.11	
10 51 26 00-0040	EA		15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	819.29	38.06
			For >50 To 100, Deduct	-74.32	
			For >100, Deduct	-113.76	
10 51 26 00-0041	EA		15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	892.82	38.06
			For >50 To 100, Deduct	-81.67	
			For >100, Deduct	-124.79	
10 51 26 00-0042	EA		18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	796.07	38.06
			For >50 To 100, Deduct	-72.00	
			For >100, Deduct	-110.28	
10 51 26 00-0043	EA		18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	833.52	38.06
			For >50 To 100, Deduct	-75.74	
			For >100, Deduct	-115.89	
10 51 26 00-0044	EA		18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	900.57	38.06
			For >50 To 100, Deduct	-82.45	
			For >100, Deduct	-125.95	
10 51 26 00-0045	EA		12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	791.73	38.06
			For >50 To 100, Deduct	-71.56	
			For >100, Deduct	-109.63	
10 51 26 00-0046	EA		12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	852.35	38.06
			For >50 To 100, Deduct	-77.62	
			For >100, Deduct	-118.72	
10 51 26 00-0047	EA		12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	869.67	38.06
			For >50 To 100, Deduct	-79.36	
			For >100, Deduct	-121.32	
10 51 26 00-0048	EA		15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	862.48	38.06
			For >50 To 100, Deduct	-78.64	
			For >100, Deduct	-120.24	
10 51 26 00-0049	EA		15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	902.66	38.06
			For >50 To 100, Deduct	-82.66	
			For >100, Deduct	-126.27	
10 51 26 00-0050	EA		18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	910.51	38.06
			For >50 To 100, Deduct	-83.44	
			For >100, Deduct	-127.44	
10 51 26 00-0051	EA		18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	952.99	38.06
			For >50 To 100, Deduct	-87.69	
			For >100, Deduct	-133.82	



**10 Specialties**

**10 50 Storage Specialties**

**10 51 Lockers**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 51 26 00-0052	EA	18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	995.47	38.06
		<i>For &gt;50 To 100, Deduct</i>	-91.94	
		<i>For &gt;100, Deduct</i>	-140.19	
10 51 26 00-0053	EA	12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	917.48	39.25
		<i>For &gt;50 To 100, Deduct</i>	-83.90	
		<i>For &gt;100, Deduct</i>	-128.20	
10 51 26 00-0054	EA	12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	959.96	39.25
		<i>For &gt;50 To 100, Deduct</i>	-88.15	
		<i>For &gt;100, Deduct</i>	-134.57	
10 51 26 00-0055	EA	12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	982.09	39.25
		<i>For &gt;50 To 100, Deduct</i>	-90.36	
		<i>For &gt;100, Deduct</i>	-137.89	
10 51 26 00-0056	EA	15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	972.63	39.25
		<i>For &gt;50 To 100, Deduct</i>	-89.41	
		<i>For &gt;100, Deduct</i>	-136.47	
10 51 26 00-0057	EA	15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	1,017.43	39.25
		<i>For &gt;50 To 100, Deduct</i>	-93.89	
		<i>For &gt;100, Deduct</i>	-143.19	
10 51 26 00-0058	EA	15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	1,062.21	39.25
		<i>For &gt;50 To 100, Deduct</i>	-98.37	
		<i>For &gt;100, Deduct</i>	-149.91	
10 51 26 00-0059	EA	18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	980.64	39.25
		<i>For &gt;50 To 100, Deduct</i>	-90.21	
		<i>For &gt;100, Deduct</i>	-137.68	
10 51 26 00-0060	EA	18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	1,074.85	39.25
		<i>For &gt;50 To 100, Deduct</i>	-99.64	
		<i>For &gt;100, Deduct</i>	-151.81	
10 51 26 00-0061	EA	18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®) .....	1,121.91	39.25
		<i>For &gt;50 To 100, Deduct</i>	-104.34	
		<i>For &gt;100, Deduct</i>	-158.87	
10 51 26 00-0062	<b>Triple Tier Solid Plastic Lockers</b> <small>(10 51 26 00-0001)</small>			
	Note: Includes one double hook per tier.			
10 51 26 00-0063	EA	12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	752.96	39.25
		<i>For &gt;50 To 100, Deduct</i>	-67.45	
		<i>For &gt;100, Deduct</i>	-103.52	
10 51 26 00-0064	EA	15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	784.83	39.25
		<i>For &gt;50 To 100, Deduct</i>	-70.63	
		<i>For &gt;100, Deduct</i>	-108.30	
10 51 26 00-0065	EA	15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	814.06	39.25
		<i>For &gt;50 To 100, Deduct</i>	-73.56	
		<i>For &gt;100, Deduct</i>	-112.69	
10 51 26 00-0066	EA	12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	819.72	39.25
		<i>For &gt;50 To 100, Deduct</i>	-74.12	
		<i>For &gt;100, Deduct</i>	-113.54	
10 51 26 00-0067	EA	12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	887.83	39.25
		<i>For &gt;50 To 100, Deduct</i>	-80.93	
		<i>For &gt;100, Deduct</i>	-123.75	
10 51 26 00-0068	EA	12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	888.15	39.25
		<i>For &gt;50 To 100, Deduct</i>	-80.97	
		<i>For &gt;100, Deduct</i>	-123.80	
10 51 26 00-0069	EA	15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	925.31	39.25
		<i>For &gt;50 To 100, Deduct</i>	-84.68	
		<i>For &gt;100, Deduct</i>	-129.38	
10 51 26 00-0070	EA	15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	962.63	39.25
		<i>For &gt;50 To 100, Deduct</i>	-88.41	
		<i>For &gt;100, Deduct</i>	-134.97	
10 51 26 00-0071	EA	15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	999.92	39.25
		<i>For &gt;50 To 100, Deduct</i>	-92.14	
		<i>For &gt;100, Deduct</i>	-140.57	
10 51 26 00-0072	EA	18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	969.93	39.25
		<i>For &gt;50 To 100, Deduct</i>	-89.14	
		<i>For &gt;100, Deduct</i>	-136.07	
10 51 26 00-0073	EA	18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,009.36	39.25
		<i>For &gt;50 To 100, Deduct</i>	-93.09	
		<i>For &gt;100, Deduct</i>	-141.98	
10 51 26 00-0074	EA	18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,048.80	39.25
		<i>For &gt;50 To 100, Deduct</i>	-97.03	
		<i>For &gt;100, Deduct</i>	-147.90	
10 51 26 00-0075	EA	12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	976.53	40.44
		<i>For &gt;50 To 100, Deduct</i>	-89.57	
		<i>For &gt;100, Deduct</i>	-136.78	
10 51 26 00-0076	EA	12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,015.99	40.44
		<i>For &gt;50 To 100, Deduct</i>	-93.51	
		<i>For &gt;100, Deduct</i>	-142.69	
10 51 26 00-0077	EA	12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,043.68	40.44
		<i>For &gt;50 To 100, Deduct</i>	-96.28	
		<i>For &gt;100, Deduct</i>	-146.85	
10 51 26 00-0078	EA	15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,027.74	40.44
		<i>For &gt;50 To 100, Deduct</i>	-94.69	
		<i>For &gt;100, Deduct</i>	-144.46	
10 51 26 00-0079	EA	15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,040.25	40.44
		<i>For &gt;50 To 100, Deduct</i>	-95.94	
		<i>For &gt;100, Deduct</i>	-146.33	



	<b>Specialties</b>	<b>10</b>
	<b>Storage Specialties</b>	<b>10 50</b>
	<b>Lockers</b>	<b>10 51</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0080	EA		15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,085.32	40.44
			<i>For &gt;50 To 100, Deduct</i>	-100.45	
			<i>For &gt;100, Deduct</i>	-153.09	
10 51 26 00-0081	EA		18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,009.83	40.44
			<i>For &gt;50 To 100, Deduct</i>	-92.90	
			<i>For &gt;100, Deduct</i>	-141.77	
10 51 26 00-0082	EA		18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,101.48	40.44
			<i>For &gt;50 To 100, Deduct</i>	-102.06	
			<i>For &gt;100, Deduct</i>	-155.52	
10 51 26 00-0083	EA		18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,166.36	40.44
			<i>For &gt;50 To 100, Deduct</i>	-108.55	
			<i>For &gt;100, Deduct</i>	-165.25	
<b>10 51 26 00-0084</b>			<b>Four Tier Solid Plastic Lockers</b> <small>(10 51 26 00-0001)</small>		
10 51 26 00-0085	EA		12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	876.29	40.44
			<i>For &gt;50 To 100, Deduct</i>	-79.54	
			<i>For &gt;100, Deduct</i>	-121.74	
10 51 26 00-0086	EA		12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	902.15	40.44
			<i>For &gt;50 To 100, Deduct</i>	-82.13	
			<i>For &gt;100, Deduct</i>	-125.62	
10 51 26 00-0087	EA		12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	949.84	40.44
			<i>For &gt;50 To 100, Deduct</i>	-86.90	
			<i>For &gt;100, Deduct</i>	-132.77	
10 51 26 00-0088	EA		15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	944.02	40.44
			<i>For &gt;50 To 100, Deduct</i>	-86.32	
			<i>For &gt;100, Deduct</i>	-131.90	
10 51 26 00-0089	EA		15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,005.81	40.44
			<i>For &gt;50 To 100, Deduct</i>	-92.49	
			<i>For &gt;100, Deduct</i>	-141.17	
10 51 26 00-0090	EA		15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,025.30	40.44
			<i>For &gt;50 To 100, Deduct</i>	-94.44	
			<i>For &gt;100, Deduct</i>	-144.09	
10 51 26 00-0091	EA		18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,015.62	40.44
			<i>For &gt;50 To 100, Deduct</i>	-93.48	
			<i>For &gt;100, Deduct</i>	-142.64	
10 51 26 00-0092	EA		18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,048.53	40.44
			<i>For &gt;50 To 100, Deduct</i>	-96.77	
			<i>For &gt;100, Deduct</i>	-147.58	
10 51 26 00-0093	EA		18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,143.37	40.44
			<i>For &gt;50 To 100, Deduct</i>	-106.25	
			<i>For &gt;100, Deduct</i>	-161.80	
10 51 26 00-0094	EA		12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,010.18	41.62
			<i>For &gt;50 To 100, Deduct</i>	-92.69	
			<i>For &gt;100, Deduct</i>	-141.54	
10 51 26 00-0095	EA		12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,056.05	41.62
			<i>For &gt;50 To 100, Deduct</i>	-97.28	
			<i>For &gt;100, Deduct</i>	-148.42	
10 51 26 00-0096	EA		12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,062.02	41.62
			<i>For &gt;50 To 100, Deduct</i>	-97.88	
			<i>For &gt;100, Deduct</i>	-149.31	
10 51 26 00-0097	EA		15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,119.82	41.62
			<i>For &gt;50 To 100, Deduct</i>	-103.66	
			<i>For &gt;100, Deduct</i>	-157.98	
10 51 26 00-0098	EA		15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,066.34	41.62
			<i>For &gt;50 To 100, Deduct</i>	-98.31	
			<i>For &gt;100, Deduct</i>	-149.96	
10 51 26 00-0099	EA		15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,114.79	41.62
			<i>For &gt;50 To 100, Deduct</i>	-103.15	
			<i>For &gt;100, Deduct</i>	-157.23	
10 51 26 00-0100	EA		18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,064.48	41.62
			<i>For &gt;50 To 100, Deduct</i>	-98.12	
			<i>For &gt;100, Deduct</i>	-149.68	
10 51 26 00-0101	EA		18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,122.54	41.62
			<i>For &gt;50 To 100, Deduct</i>	-103.93	
			<i>For &gt;100, Deduct</i>	-158.39	
10 51 26 00-0102	EA		18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®).....	1,209.53	41.62
			<i>For &gt;50 To 100, Deduct</i>	-112.63	
			<i>For &gt;100, Deduct</i>	-171.44	
<b>10 51 26 00-0103</b>			<b>Five Tier Solid Plastic Lockers</b> <small>(10 51 26 00-0001)</small>		
10 51 26 00-0104	EA		12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	953.81	41.03
			<i>For &gt;50 To 100, Deduct</i>	-87.18	
			<i>For &gt;100, Deduct</i>	-133.22	
10 51 26 00-0105	EA		12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	985.84	41.03
			<i>For &gt;50 To 100, Deduct</i>	-90.38	
			<i>For &gt;100, Deduct</i>	-138.03	
10 51 26 00-0106	EA		12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,017.87	41.03
			<i>For &gt;50 To 100, Deduct</i>	-93.58	
			<i>For &gt;100, Deduct</i>	-142.83	
10 51 26 00-0107	EA		15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	997.48	41.03
			<i>For &gt;50 To 100, Deduct</i>	-91.54	
			<i>For &gt;100, Deduct</i>	-139.77	

**10 Specialties****10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0108	EA		15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,054.85	41.03
			<i>For &gt;50 To 100, Deduct</i>	-97.28	
			<i>For &gt;100, Deduct</i>	-148.38	
10 51 26 00-0109	EA		15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,082.62	41.03
			<i>For &gt;50 To 100, Deduct</i>	-100.06	
			<i>For &gt;100, Deduct</i>	-152.55	
10 51 26 00-0110	EA		18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,072.94	41.03
			<i>For &gt;50 To 100, Deduct</i>	-99.09	
			<i>For &gt;100, Deduct</i>	-151.09	
10 51 26 00-0111	EA		18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,103.91	41.03
			<i>For &gt;50 To 100, Deduct</i>	-102.19	
			<i>For &gt;100, Deduct</i>	-155.74	
10 51 26 00-0112	EA		18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,204.55	41.03
			<i>For &gt;50 To 100, Deduct</i>	-112.25	
			<i>For &gt;100, Deduct</i>	-170.84	
10 51 26 00-0113	EA		12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,041.25	42.22
			<i>For &gt;50 To 100, Deduct</i>	-95.68	
			<i>For &gt;100, Deduct</i>	-146.05	
10 51 26 00-0114	EA		12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,077.17	42.22
			<i>For &gt;50 To 100, Deduct</i>	-99.27	
			<i>For &gt;100, Deduct</i>	-151.44	
10 51 26 00-0115	EA		12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,113.06	42.22
			<i>For &gt;50 To 100, Deduct</i>	-102.86	
			<i>For &gt;100, Deduct</i>	-156.83	
10 51 26 00-0116	EA		15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,100.50	42.22
			<i>For &gt;50 To 100, Deduct</i>	-101.61	
			<i>For &gt;100, Deduct</i>	-154.94	
10 51 26 00-0117	EA		15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,125.76	42.22
			<i>For &gt;50 To 100, Deduct</i>	-104.13	
			<i>For &gt;100, Deduct</i>	-158.73	
10 51 26 00-0118	EA		15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,163.58	42.22
			<i>For &gt;50 To 100, Deduct</i>	-107.91	
			<i>For &gt;100, Deduct</i>	-164.40	
10 51 26 00-0119	EA		18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,134.51	42.22
			<i>For &gt;50 To 100, Deduct</i>	-105.01	
			<i>For &gt;100, Deduct</i>	-160.04	
10 51 26 00-0120	EA		18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,177.89	42.22
			<i>For &gt;50 To 100, Deduct</i>	-109.35	
			<i>For &gt;100, Deduct</i>	-166.55	
10 51 26 00-0121	EA		18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,228.22	42.22
			<i>For &gt;50 To 100, Deduct</i>	-114.38	
			<i>For &gt;100, Deduct</i>	-174.10	
<b>10 51 26 00-0122</b>			<b>Six Tier Solid Plastic Lockers (10 51 26 00-0001)</b>		
10 51 26 00-0123	EA		15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,101.38	41.62
			<i>For &gt;50 To 100, Deduct</i>	-101.81	
			<i>For &gt;100, Deduct</i>	-155.22	
10 51 26 00-0124	EA		12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,080.34	42.82
			<i>For &gt;50 To 100, Deduct</i>	-99.47	
			<i>For &gt;100, Deduct</i>	-151.78	
10 51 26 00-0125	EA		12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,116.21	42.82
			<i>For &gt;50 To 100, Deduct</i>	-103.06	
			<i>For &gt;100, Deduct</i>	-157.16	
10 51 26 00-0126	EA		12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,140.15	42.82
			<i>For &gt;50 To 100, Deduct</i>	-105.45	
			<i>For &gt;100, Deduct</i>	-160.75	
10 51 26 00-0127	EA		15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,187.97	42.82
			<i>For &gt;50 To 100, Deduct</i>	-110.23	
			<i>For &gt;100, Deduct</i>	-167.92	
10 51 26 00-0128	EA		15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,201.93	42.82
			<i>For &gt;50 To 100, Deduct</i>	-111.63	
			<i>For &gt;100, Deduct</i>	-170.01	
10 51 26 00-0129	EA		15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,211.90	42.82
			<i>For &gt;50 To 100, Deduct</i>	-112.63	
			<i>For &gt;100, Deduct</i>	-171.51	
10 51 26 00-0130	EA		18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,215.87	42.82
			<i>For &gt;50 To 100, Deduct</i>	-113.02	
			<i>For &gt;100, Deduct</i>	-172.10	
10 51 26 00-0131	EA		18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,259.72	42.82
			<i>For &gt;50 To 100, Deduct</i>	-117.41	
			<i>For &gt;100, Deduct</i>	-178.68	
10 51 26 00-0132	EA		18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,317.54	42.82
			<i>For &gt;50 To 100, Deduct</i>	-123.19	
			<i>For &gt;100, Deduct</i>	-187.36	
<b>10 51 26 00-0133</b>			<b>Solid Plastic Locker Accessories (10 51 26 00-0001)</b>		
<b>10 51 26 00-0134</b>			<b>Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)</b>		
			Note: Price per frame.		
10 51 26 00-0135	EA		Slope Top For Solid Plastic Lockers (Tufftec Lockers®).....	50.94	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Lockers	10 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>10 51 26 00-0136</b> <b>Recessed Bases For Solid Plastic Lockers</b> <small>(10 51 26 00-0133)</small> Note: Price per frame.		
10 51 26 00-0137    EA    Recessed Base For Solid Plastic Lockers (Tufftec Lockers®).....	56.10	
<b>10 51 26 00-0138</b> <b>End Panels For Solid Plastic Lockers</b> <small>(10 51 26 00-0133)</small> Note: Price per frame.		
10 51 26 00-0139    EA    End Panel For Solid Plastic Lockers (Tufftec Lockers®) .....	131.16	
<b>10 51 26 00-0140</b> <b>Venting Options For Solid Plastic Locker Doors</b> <small>(10 51 26 00-0133)</small> Note: Price per frame.		
10 51 26 00-0141    EA    Horizontal Venting Option For Solid Plastic Locker Doors.....	51.76	
<b>10 51 26 00-0142</b> <b>Filler Panels For Solid Plastic Lockers</b> <small>(10 51 26 00-0133)</small> Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®)..... Note: Full locker height. Width and height cut to size in the field.	133.25	
<b>10 51 26 00-0144</b> <b>Locker Accessories For Solid Plastic Lockers</b> <small>(10 51 26 00-0133)</small>		
10 51 26 00-0145    EA    Built In Hasp For Solid Plastic Lockers..... Note: For removable padlocks. Excludes padlock.	12.93	
10 51 26 00-0146    EA    Built In Combination Lock For Solid Plastic Lockers.....	38.83	
10 51 26 00-0147    EA    Built In Key Lock For Solid Plastic Lockers.....	51.76	
<b>10 51 53</b> <b>Locker Room Benches</b> <small>(10 51)</small>		
10 51 53 00-0001    LF    9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals.....	115.97	5.95
10 51 53 00-0002    LF    9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals.....	92.38	5.95
10 51 53 00-0003    LF    9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals.....	141.59	5.95
10 51 53 00-0004    LF    9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals .....	135.27	5.95
10 51 53 00-0005    LF    9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals .....	104.89	5.95
<b>10 55</b> <b>Postal Specialties</b> <small>(10 50)</small>		
<b>10 55 23</b> <b>Mail Boxes</b> <small>(10 55)</small>		
<b>10 55 23 23</b> <b>Residential Mail Boxes</b> <small>(10 55 23)</small>		
<b>10 55 23 23-0001</b> <b>Residential Mail Boxes</b> <small>(10 55 23 23)</small>		
10 55 23 23-0002    EA    13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate..... <i>For Stainless Steel Sleeve, Add</i>	126.68 28.49	13.38
10 55 23 23-0003    EA    13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate .....	170.81 28.49	13.38
10 55 23 23-0004    EA    8" Wide x 16.5" High x 4.25" Deep, Aluminum Or Galvanized Steel Wall Mounted Mailbox .....	94.09	11.90
10 55 23 23-0005    EA    20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post.....	139.88	14.87
<b>10 55 23 26</b> <b>Commercial Mail Boxes</b> <small>(10 55 23)</small>		
<b>10 55 23 26-0001</b> <b>Commercial Letter Boxes</b> <small>(10 55 23 26)</small> Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002    EA    15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU) .....	415.00	17.84
10 55 23 26-0003    EA    15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP) .....	480.02	17.84
<b>10 55 23 26-0004</b> <b>Commercial Horizontal Mail Boxes</b> <small>(10 55 23 26)</small> Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005    BOX    5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box .....	82.67	17.84
10 55 23 26-0006    BOX    10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	176.65	23.78
10 55 23 26-0007    BOX    6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	106.81	14.87
10 55 23 26-0008    BOX    12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	165.97	23.78
<b>10 55 23 26-0009</b> <b>Commercial Cluster Mail Boxes</b> <small>(10 55 23 26)</small> Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010    EA    13-15/16 Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDCEBU5) .....	2,135.91	35.68
10 55 23 26-0011    EA    26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDCEBU8) .....	2,530.35	47.57
		Note: Any door combination.

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 50</b>	<b>Storage Specialties</b>
	<b>10 55</b>	<b>Postal Specialties</b>



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 55 23 26-0012	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8).....	3,401.87		47.57
10 55 23 26-0013	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12).....	3,510.24		47.57
10 55 23 26-0014	EA	30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16).....	3,672.80		47.57
<b>10 55 23 26-0015</b>		<b>Commercial 4C Mail Boxes</b> <small>(10 55 23 26)</small> Note: Includes locks and keys unless provided by the United States Postal Service.			
10 55 23 26-0016	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09).....	1,852.09		47.57
10 55 23 26-0017	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15).....	3,260.41		47.57
10 55 23 26-0018	EA	31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19).....	3,390.46		47.57
<b>10 55 26</b>		<b>Parcel Lockers</b> <small>(10 55)</small>			
<b>10 55 26 00-0001</b>		<b>Parcel Lockers</b> <small>(10 55 26)</small>			
10 55 26 00-0002	EA	24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker ..... Note: Two compartments.	1,587.61		35.68
10 55 26 00-0003	EA	48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker ..... Note: Two compartments.	1,887.30		47.57
<b>10 56</b>		<b>Storage Assemblies</b> <small>(10 50)</small>			
<b>10 56 13</b>		<b>Metal Storage Shelving</b> <small>(10 56)</small>			
<b>10 56 13 16</b>		<b>Post-And-Shelf Metal Storage Shelving</b> <small>(10 56 13)</small>			
<b>10 56 13 16-0001</b>		<b>Baked Enamel Steel Shelving</b> <small>(10 56 13 16)</small>			
<b>10 56 13 16-0002</b>		<b>7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type</b> <small>(10 56 13 16-0001)</small>			
10 56 13 16-0003	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	161.79 13.82		26.68
10 56 13 16-0004	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	162.52 13.75		28.02
10 56 13 16-0005	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	157.12 13.00		30.69
10 56 13 16-0006	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	198.05 16.92		33.35
10 56 13 16-0007	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	221.59 19.07		34.69
10 56 13 16-0008	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	214.44 18.17		37.36
10 56 13 16-0009	LF	75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf ..... <i>For &gt;75" To 87" High, Add</i>	237.78 20.30		40.02
<b>10 56 13 16-0010</b>		<b>3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed</b> <small>(10 56 13 16-0001)</small> Note: Adjustable shelves.			
10 56 13 16-0011	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf .....	114.82		13.60
10 56 13 16-0012	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf .....	113.86		14.54
10 56 13 16-0013	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf .....	127.68		15.47
10 56 13 16-0014	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf .....	132.86		16.41
10 56 13 16-0015	LF	32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf .....	152.73		17.48
<b>10 56 13 16-0016</b>		<b>4 Shelf Unit, 40" High Unit</b> <small>(10 56 13 16-0001)</small>			
10 56 13 16-0017	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf .....	135.36		26.68
10 56 13 16-0018	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf .....	111.50		28.02
10 56 13 16-0019	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf .....	127.55		30.69
10 56 13 16-0020	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf .....	134.47		33.35
10 56 13 16-0021	LF	40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf .....	153.15		34.69
<b>10 56 16</b>		<b>Fabricated Wood Storage Shelving</b> <small>(10 56)</small>			
<b>10 56 16 00-0001</b>		<b>Shelving</b> <small>(10 56 16)</small>			
<b>10 56 16 00-0002</b>		<b>Built-In Wood Shelving</b> <small>(10 56 16 00-0001)</small> Note: Priced by shelf area. Includes hardware and trim.			
10 56 16 00-0003	SF	Built-in Wood Storage Shelving Post And Trimmed Plywood ..... <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	23.29 0.69 2.32		3.00
10 56 16 00-0004	SF	Built-in Wood Storage Shelving Post And Solid Clear Pine ..... <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	25.11 0.69 2.32		3.60
10 56 16 00-0005	SF	Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod ..... <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	25.43 0.69 2.32		5.99



	<b>Specialties</b>	<b>10</b>
	Storage Specialties	10 50
	Storage Assemblies	10 56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0006			<b>Wood Shelving, White Pine, Clear Grade, Wall Mounted</b> <small>(10 56 16 00-0001)</small>		
10 56 16 00-0007	LF		1" x 8" White Pine Clear Grade Wood Shelving.....	19.30	7.19
10 56 16 00-0008	LF		1" x 10" White Pine Clear Grade Wood Shelving.....	21.22	7.68
10 56 16 00-0009	LF		1" x 12" White Pine Clear Grade Wood Shelving.....	23.37	8.27
10 56 16 00-0010	SF		Wood Shelving, 2" White Pine Clear Grade.....	30.51	
10 56 16 00-0011			<b>Plywood Shelf With Edge Band</b> <small>(10 56 16 00-0001)</small>		
10 56 16 00-0012	LF		12" Wide, 3/4" Plywood Shelf With Edge Band.....	23.68	7.19
10 56 16 00-0013	LF		24" Wide, 3/4" Plywood Shelf With Edge Band.....	37.03	8.99
10 56 16 00-0014			<b>Adjustable Shelf And Rod</b> <small>(10 56 16 00-0001)</small>		
10 56 16 00-0015	EA		12" Wide Adjustable Shelf, 3' To 6' Long..... Note: Including Rod	212.04	26.97
10 56 16 00-0016	EA		12" Wide Adjustable Shelf, 5' To 8' Long..... Note: Including Rod	249.92	35.95
10 56 16 00-0017			<b>Prefinished Wood Shelves With Brackets And Supports</b> <small>(10 56 16 00-0001)</small>		
10 56 16 00-0018	LF		Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	20.47	7.19
10 56 16 00-0019	LF		Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	22.27	7.68
10 56 16 00-0020	SF		Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	71.52	11.98
10 56 16 00-0021			<b>Wood Shelving, Oak, Clear Grade, Wall Mounted</b> <small>(10 56 16 00-0001)</small>		
10 56 16 00-0022	LF		Wood Shelving, 1" X 8" Oak Clear Grade.....	23.18	11.26
<b>10 56 17</b>			<b>Wall-Mounted Standards and Shelving</b> <small>(10 56)</small>		
10 56 17 00-0001			<b>Galvanized Steel, Wall Mounted Solid Shelving</b> <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF		8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	91.38	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0003	LF		10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	94.65	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0004	LF		12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	102.21	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0005	LF		16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	111.98	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0006	LF		18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	114.40	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0007	LF		24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	135.34	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0008			<b>304 Stainless Steel, Wall Mounted Solid Shelving</b> <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF		8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	150.75	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0010	LF		10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	165.57	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0011	LF		12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	180.46	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0012	LF		16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	214.69	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0013	LF		18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	234.95	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0014	LF		24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	264.22	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0015			<b>Laminated Particleboard, Wall Mounted Solid Shelving</b> <small>(10 56 17)</small>		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	60.55	11.89
			For Installation On Concrete Walls, Add	3.71	
			For Installation On Concrete Block Walls, Add	4.40	



<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 50</b>	<b>Storage Specialties</b>
	<b>10 56</b>	<b>Storage Assemblies</b>



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 56 17 00-0017	LF	10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	62.76	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0018	LF	12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	65.43	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0019	LF	16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	69.31	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0020	LF	18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	74.00	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0021	LF	24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	86.61	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
<b>10 56 17 00-0022</b>		<b>Chrome Plated Steel, Wall Mounted Wire Shelving (10 56 17)</b>		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF	14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving .....	89.31	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0024	LF	18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving .....	100.72	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
<b>10 56 17 00-0025</b>		<b>Stainless Steel, Wall Mounted Wire Shelving (10 56 17)</b>		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF	14" Depth, Stainless Steel, Wall Mounted Wire Shelving .....	213.30	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
10 56 17 00-0027	LF	18" Depth, Stainless Steel, Wall Mounted Wire Shelving .....	222.04	11.89
		<i>For Installation On Concrete Walls, Add</i>	3.71	
		<i>For Installation On Concrete Block Walls, Add</i>	4.40	
<b>10 56 17 00-0028</b>		<b>Prefinished Hardwood Plywood, Wall Mounted Solid Shelving (10 56 17)</b>		
		Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF	8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	62.01	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.04	
		<i>For Installation On Concrete Block Walls, Add</i>	5.73	
10 56 17 00-0030	LF	10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	63.54	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.07	
		<i>For Installation On Concrete Block Walls, Add</i>	5.76	
10 56 17 00-0031	LF	12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	64.55	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.10	
		<i>For Installation On Concrete Block Walls, Add</i>	5.79	
10 56 17 00-0032	LF	16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	68.12	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.17	
		<i>For Installation On Concrete Block Walls, Add</i>	5.86	
10 56 17 00-0033	LF	18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	69.94	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.21	
		<i>For Installation On Concrete Block Walls, Add</i>	5.90	
10 56 17 00-0034	LF	24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving.....	75.42	11.89
		<i>For Installation On Concrete Walls, Add</i>	5.31	
		<i>For Installation On Concrete Block Walls, Add</i>	6.00	
<b>10 56 17 00-0035</b>		<b>Wall Mounted Shelving Accessories (10 56 17)</b>		
10 56 17 00-0036	LF	Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit.....	43.68	

**10 57 Wardrobe And Closet Specialties (10 50)**

**10 57 43 Wardrobe Units (10 57)**

10 57 43 00-0001 Wardrobe Units (10 57 43)

10 57 43 00-0002 Teachers Wardrobe Units (10 57 43 00-0001)

Note: Includes shelf, clothes pole and mirror, lockable door and hardware.

10 57 43 00-0003	CF	Baked Enamel Steel Teacher Wardrobe Unit With Door .....	51.49	4.34
		<i>For Open Wardrobe Units Without Door, Deduct</i>	-5.57	
		<i>For Custom Made Units, Add</i>	24.83	
10 57 43 00-0004	CF	Hardwood Teacher Wardrobe Unit With Door .....	43.17	4.34
		<i>For Open Wardrobe Units Without Door, Deduct</i>	-4.53	
		<i>For Custom Made Units, Add</i>	19.83	
10 57 43 00-0005	CF	Stainless Steel Teacher Wardrobe Unit With Door .....	95.69	4.34
		<i>For Open Wardrobe Units Without Door, Deduct</i>	-11.09	
		<i>For Custom Made Units, Add</i>	51.35	
10 57 43 00-0006	CF	Plastic Laminate Teacher Wardrobe Unit With Door .....	138.81	4.34
		<i>For Open Wardrobe Units Without Door, Deduct</i>	-16.48	
		<i>For Custom Made Units, Add</i>	77.22	



<b>Specialties</b>	<b>10</b>	<b>10</b>
Storage Specialties	10 50	
Wardrobe And Closet Specialties	10 57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 43 00-0007	CF		Birch Veneer Teacher Wardrobe Unit With Door.....	49.89	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-5.37	
			<i>For Custom Made Units, Add</i>	23.67	
10 57 43 00-0008	CF		Oak Veneer Teacher Wardrobe Unit With Door.....	66.18	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-7.41	
			<i>For Custom Made Units, Add</i>	33.64	
10 57 43 00-0009	CF		Walnut Veneer Teacher Wardrobe Unit With Door.....	74.30	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-8.42	
			<i>For Custom Made Units, Add</i>	38.51	
<b>10 57 43 00-0010</b>			<b>Students Wardrobe Units</b> <small>(10 57 43 00-0001)</small>		
			Note: With continuous shelf, two rows of coat hooks, door and hardware.		
10 57 43 00-0011	CF		Baked Enamel Steel Student Wardrobe Unit With Door.....	48.93	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-5.25	
			<i>For Custom Made Units, Add</i>	23.29	
10 57 43 00-0012	CF		Hardwood Student Wardrobe Unit With Door.....	41.23	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-4.29	
			<i>For Custom Made Units, Add</i>	18.67	
10 57 43 00-0013	CF		Stainless Steel Student Wardrobe Unit With Door.....	89.81	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-10.36	
			<i>For Custom Made Units, Add</i>	47.82	
10 57 43 00-0014	CF		Plastic Laminate Student Wardrobe Unit With Door.....	129.70	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-15.35	
			<i>For Custom Made Units, Add</i>	71.75	
10 57 43 00-0015	CF		Birch Veneer Student Wardrobe Unit With Door.....	47.45	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-5.06	
			<i>For Custom Made Units, Add</i>	22.40	
10 57 43 00-0016	CF		Oak Veneer Student Wardrobe Unit With Door.....	62.50	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-6.95	
			<i>For Custom Made Units, Add</i>	31.43	
10 57 43 00-0017	CF		Walnut Veneer Student Wardrobe Unit With Door.....	70.03	4.34
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-7.89	
			<i>For Custom Made Units, Add</i>	35.95	
<b>10 57 43 00-0018</b>			<b>Materials Cabinet Units</b> <small>(10 57 43 00-0001)</small>		
			Note: With multiple shelves, lockable door and hardware.		
10 57 43 00-0019	CF		Baked Enamel Steel Materials Cabinet Unit With Door.....	53.03	8.68
10 57 43 00-0020	CF		Hardwood Materials Cabinet Unit With Door.....	44.33	8.68
10 57 43 00-0021	CF		Stainless Steel Materials Cabinet Unit With Door.....	99.21	8.68
10 57 43 00-0022	CF		Plastic Laminate Materials Cabinet Unit With Door.....	144.27	8.68
10 57 43 00-0023	CF		Birch Veneer Materials Cabinet Unit With Door.....	51.36	8.68
10 57 43 00-0024	CF		Oak Veneer Materials Cabinet Unit With Door.....	68.38	8.68
10 57 43 00-0025	CF		Walnut Veneer Materials Cabinet Unit With Door.....	76.87	8.68
<b>10 57 43 00-0026</b>			<b>Accessories</b> <small>(10 57 43 00-0001)</small>		
10 57 43 00-0027	EA		Single Prong Wardrobe Closet Hooks.....	74.69	8.92
			Note: Height 1 1/8", Width 1 1/8", satin chrome finish, wall mount, 1" projection.		

## 10 70 Exterior Specialties (10)

### 10 73 Protective Covers (10 70)

#### 10 73 13 Awnings (10 73)

##### 10 73 13 13 Metal Awnings (10 73 13)

##### 10 73 13 13-0001 Metal Awnings (10 73 13 13)

			Note: Includes metal cover, frame supports and anchoring.		
10 73 13 13-0002	SF		Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings.....	82.96	10.43
10 73 13 13-0003	SF		Baked Enamel Finish, Ribbed Aluminum Window Awning.....	73.39	9.35
10 73 13 13-0004	SF		Flat Roofed Steel Awning.....	226.73	10.84
			Note: Per SF of covered area		
10 73 13 13-0005	SF		Arched Roofed Steel Awning (Per SF Of Covered Area).....	234.06	12.20

##### 10 73 13 23 Fabric Awnings (10 73 13)

##### 10 73 13 23-0001 Canvas Awnings (10 73 13 23)

			Note: Includes minimum 12 oz. canvas, frame supports and anchoring.		
10 73 13 23-0002	SF		Canvas Awning, Waterproof Fabric Tubular Metal Framing.....	78.29	8.05
10 73 13 23-0003	SF		Side Protection Canvas For Walkways (Per SF Of Wall Area).....	44.88	2.60
10 73 13 23-0004	SF		Removal And Replacement Of Canvas For Awnings.....	28.93	
			Note: Includes removal of existing canvas cover.		
			<i>For 18 Oz. Vinyl Laminated Polyester Cover, Add</i>	0.97	

#### 10 73 16 Canopies (10 73)

##### 10 73 16 13 Metal Canopies (10 73 16)

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 70</b>	<b>Exterior Specialties</b>
	<b>10 73</b>	<b>Protective Covers</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>10 73 16 13-0001</b>	<b>Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished</b> <small>(10 73 16 13)</small>		
	Note: Includes cover, frame supports and anchoring.		
10 73 16 13-0002	EA 8' x 10' Canopy, Aluminum, Wall Hung.....	7,196.72	475.01
10 73 16 13-0003	EA 8' x 20' Canopy, Aluminum, Wall Hung.....	13,416.30	760.20
10 73 16 13-0004	EA 10' x 10' Canopy, Aluminum, Wall Hung.....	8,854.16	594.33
10 73 16 13-0005	EA 10' x 20' Canopy, Aluminum, Wall Hung.....	16,395.25	794.75

**10 73 26 Walkway Coverings** (10 73)  
 Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

**10 73 26 13 Metal Walkway Coverings** (10 73 26)

<b>10 73 26 13-0001</b>	<b>Steel Walkway/Parking Covers</b> <small>(10 73 26 13)</small>		
	Note: Factory applied polyester finish.		
10 73 26 13-0002	SF Flat Roofed Steel Walkway/Parking Cover.....	109.97	7.06
	Note: Includes factory applied polyester finish.		
	For Snow Load (30 PSF), Add	38.34	
	For Wind Load (140 MPH), Add	47.93	
10 73 26 13-0003	SF Arch Roofed Steel Walkway/Parking Cover.....	117.05	7.60
	Note: Includes factory applied polyester finish.		
	For Snow Load (30 PSF), Add	40.74	
	For Wind Load (140 MPH), Add	50.93	

**10 73 26 13-0004 Aluminum Walkway/Parking Covers** (10 73 26 13)

10 73 26 13-0005	SF Flat Roofed Aluminum Walkway/Parking Cover.....	70.06	7.06
	Note: Includes factory applied polyester finish.		
	For Snow Load (30 PSF), Add	22.38	
	For Wind Load (140 MPH), Add	27.97	
10 73 26 13-0006	SF Arch Roofed Aluminum Walkway/Parking Cover.....	76.23	7.60
	Note: Includes factory applied polyester finish.		
	For Snow Load (30 PSF), Add	24.41	
	For Wind Load (140 MPH), Add	30.52	

**10 75 Flagpoles** (10 70)

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0012 for bases.

**10 75 16 Ground-Set Flagpoles** (10 75)

<b>10 75 16 00-0001</b>	<b>Free Standing Tapered Fiberglass Flagpoles</b> <small>(10 75 16)</small>		
	Note: Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.		
10 75 16 00-0002	EA 25' Exposed Height, Tapered White Fiberglass Flagpole.....	3,987.73	893.69
	Note: 6" butt diameter, 3" top diameter and 0.180" wall.		
	For Internal Halyard, Cam System, Add	300.00	
	For Bronze Finish, Add	20.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0003	EA 30' Exposed Height, Tapered White Fiberglass Flagpole.....	4,260.11	974.94
	Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.		
	For Internal Halyard, Cam System, Add	300.00	
	For Bronze Finish, Add	50.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0004	EA 35' Exposed Height, Tapered White Fiberglass Flagpole.....	5,371.46	1,137.43
	Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
	For Internal Halyard, Cam System, Add	300.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0005	EA 40' Exposed Height, Tapered White Fiberglass Flagpole.....	6,234.93	1,299.92
	Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
	For Internal Halyard, Cam System, Add	300.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0006	EA 50' Exposed Height, Tapered White Fiberglass Flagpole.....	11,666.59	1,462.41
	Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.		
	For Internal Halyard, Winch System, Add	1,700.00	
	For Bronze Finish, Add	200.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0007	EA 60' Exposed Height, Tapered White Fiberglass Flagpole.....	13,899.34	1,624.90
	Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.		
	For Internal Halyard, Winch System, Add	1,900.00	
	For Bronze Finish, Add	160.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0008	EA 70' Exposed Height, Tapered White Fiberglass Flagpole.....	24,040.83	1,787.39
	Note: 16" butt diameter, 7" top diameter and 0.325" wall.		
	For Internal Halyard, Winch System, Add	2,860.00	
	For Bronze Finish, Add	700.00	
	For Rope Lock Box, Add	96.00	
10 75 16 00-0009	EA 78' Exposed Height, Tapered White Fiberglass Flagpole.....	31,184.08	1,949.88
	Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.		
	For Internal Halyard, Winch System, Add	2,900.00	
	For Bronze Finish, Add	900.00	
	For Rope Lock Box, Add	96.00	



	<b>Specialties</b>	<b>10</b>
	Exterior Specialties	10 70
	Flagpoles	10 75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0010			<b>Free Standing Tapered Aluminum Flagpoles</b> <small>(10 75 16)</small>		
			Note: Heavy-duty. Excludes base or foundation See CSI section 10 75 16 00-0012 for concrete base.		
10 75 16 00-0011	EA		40' (12.2 m) Tapered Aluminum Flagpole Without Concrete Base ..... 9,950.97		1,710.42
			Note: Ground set mounting, c/w steel corrugated sleeve, lightning rod, wedges and standard aluminum flash collar. Skyline internal single halyard system with stainless steel gearless winch and automatic brake, removable hand crank. Revolving cap finial.		
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 16 00-0012			<b>Flagpole Bases</b> <small>(10 75 16)</small>		
10 75 16 00-0013			<b>Flagpole Concrete Base</b> <small>(10 75 16 00-0012)</small>		
			Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.		
10 75 16 00-0014	EA		30' Or Less Flagpole, Poured Concrete Foundation ..... 1,874.79		
10 75 16 00-0015	EA		35' Flagpole, Poured Concrete Foundation ..... 1,938.87		
10 75 16 00-0016	EA		40' Flagpole, Poured Concrete Foundation ..... 2,226.07		
10 75 16 00-0017	EA		45' Flagpole, Poured Concrete Foundation ..... 2,355.58		
10 75 16 00-0018	EA		50' Flagpole, Poured Concrete Foundation ..... 2,827.08		
10 75 16 00-0019	EA		60' Flagpole, Poured Concrete Foundation ..... 3,424.95		
10 75 16 00-0020	EA		70' Flagpole, Poured Concrete Foundation ..... 4,055.09		
10 75 16 00-0021	EA		80' Flagpole, Poured Concrete Foundation ..... 4,715.49		
10 75 16 00-0022	EA		90' To 100' Flagpole, Poured Concrete Foundation ..... 5,498.63		
10 75 16 00-0023			<b>Direct Embedded Flagpole Base</b> <small>(10 75 16 00-0012)</small>		
			Note: Augured in place, no concrete required.		
10 75 16 00-0024	EA		20' To 25' Flagpole, Direct Embedded Pole Base ..... 766.20		
10 75 16 00-0025	EA		30' To 40' Flagpole, Direct Embedded Pole Base ..... 1,099.43		
10 75 16 00-0026	EA		45' To 55' Flagpole, Direct Embedded Pole Base ..... 1,228.16		
10 75 16 00-0027	EA		60' To 70' Flagpole, Direct Embedded Pole Base ..... 1,382.04		
10 75 16 00-0028			<b>Flagpole Accessories</b> <small>(10 75 16)</small>		
10 75 16 00-0029			<b>Flagpole Tops</b> <small>(10 75 16 00-0028)</small>		
			Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0030	EA		4" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 136.11		50.57
10 75 16 00-0031	EA		5" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 148.31		53.54
10 75 16 00-0032	EA		6" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 165.50		56.52
10 75 16 00-0033	EA		8" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 213.92		59.48
10 75 16 00-0034	EA		10" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 279.84		62.46
10 75 16 00-0035	EA		12" Gold Anodized Aluminum Ball For Top Of Flagpole ..... 312.02		65.43
10 75 16 00-0036	EA		11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish ..... 285.79		65.43
10 75 16 00-0037	EA		15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish ..... 332.36		74.36
10 75 16 00-0038			<b>Flagpole Accessories</b> <small>(10 75 16 00-0028)</small>		
			Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039	LF		5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles ..... 1.44		0.09
10 75 16 00-0040	LF		5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles ..... 0.71		0.09
10 75 16 00-0041	LF		5/16" Diameter, Nylon Halyard (Rope) For Flagpoles ..... 0.54		0.09
10 75 16 00-0042	LF		3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles ..... 1.92		0.09
10 75 16 00-0043	EA		Refinish Existing Flagpole Ball ..... 417.12		148.66
10 75 16 00-0044	EA		Locking Aluminum Cleat Box For Flagpoles ..... 333.37		89.20
10 75 16 00-0045	EA		Aluminum Cleat For Flagpoles ..... 27.76		5.95
10 75 16 00-0046	LF		1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles ..... 0.85		0.13
10 75 23			<b>Wall-Mounted Flagpoles</b> <small>(10 75)</small>		
10 75 23 00-0001			<b>Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles</b> <small>(10 75 23)</small>		
			Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002	EA		14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole ..... 2,137.43		712.68
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0003	EA		17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole ..... 2,317.45		783.94
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0004	EA		20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole ..... 2,509.95		855.21
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0005	EA		25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole ..... 2,907.46		997.75
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0006			<b>Outrigger, Wall Mounted Tapered Aluminum Flagpoles</b> <small>(10 75 23)</small>		
			Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007	EA		10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket ..... 2,831.90		641.41
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0008	EA		15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket ..... 3,049.40		712.68
			<i>For Rope Lock Box, Add</i>	96.00	
10 75 23 00-0009	EA		20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket ..... 3,384.44		855.21
			<i>For Rope Lock Box, Add</i>	96.00	

<b>10</b>	<b>10</b>	<b>Specialties</b>
	<b>10 80</b>	<b>Other Specialties</b>
	<b>10 75</b>	<b>Flagpoles</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**10 80 Other Specialties** <sup>(10)</sup>

**10 81 Pest Control Devices** <sup>(10 80)</sup>

**10 81 13 Bird Control Devices** <sup>(10 81)</sup>

<b>10 81 13 00-0001</b>		<b>Stainless Steel Spiked Bird Barrier</b> <sup>(10 81 13)</sup>		
		Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002	LF	2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System .....	10.68	0.96
10 81 13 00-0003	LF	4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System .....	12.89	0.96
10 81 13 00-0004	LF	8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	19.08	0.96
 <b>10 81 13 00-0005</b>		<b>Polycarbonate Spiked Bird Barrier</b> <sup>(10 81 13)</sup>		
		Note: Polycarbonate spikes and base.		
10 81 13 00-0006	LF	3" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	9.84	0.96
10 81 13 00-0007	LF	5" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	11.94	0.96
10 81 13 00-0008	LF	8" Wide Polycarbonate Spikes And Base Bird Deterrent System .....	14.23	0.96
 <b>10 81 13 00-0009</b>		<b>Spiked Gutter Or Girder Bird Barrier</b> <sup>(10 81 13)</sup>		
		Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010	LF	Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application .....	11.40	0.96
 <b>10 81 13 00-0011</b>		<b>Coil Bird Barrier</b> <sup>(10 81 13)</sup>		
		Note: Stainless steel coil.		
10 81 13 00-0012	LF	4" Diameter Stainless Steel Coil Bird Deterrent System .....	7.92	0.96
10 81 13 00-0013	LF	5" Diameter Stainless Steel Coil Bird Deterrent System .....	9.41	0.96
 <b>10 81 13 00-0014</b>		<b>Spider Bird Barrier</b> <sup>(10 81 13)</sup>		
		Note: Stainless steel arms with various bases.		
10 81 13 00-0015	EA	2' Diameter Stainless Steel Spider Bird Deterrent System .....	136.14	0.96
10 81 13 00-0016	EA	4' Diameter Stainless Steel Spider Bird Deterrent System .....	201.63	0.96
10 81 13 00-0017	EA	8' Diameter Stainless Steel Spider Bird Deterrent System .....	254.92	0.96
 <b>10 81 13 00-0018</b>		<b>Oriented Flexible Flame Resistant Netting</b> <sup>(10 81 13)</sup>		
		Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019	SF	1/8" x 1/8" Mesh Flexible Polypropylene Netting .....	1.18	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0020	SF	1/4" x 1/4" Mesh Flexible Polypropylene Netting .....	1.14	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0021	SF	1/2" x 1/2" Mesh Flexible Polypropylene Netting .....	1.10	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0022	SF	3/4" x 3/4" Mesh Flexible Polypropylene Netting .....	1.06	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0023	SF	1" x 1" Mesh Flexible Polypropylene Netting .....	1.06	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0024	SF	1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting .....	1.04	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0025	SF	2" x 2" Mesh Flexible Polypropylene Netting .....	1.01	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0026	SF	3" x 3" Mesh Flexible Polypropylene Netting .....	1.01	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0027	SF	4" x 4" Mesh Flexible Polypropylene Netting .....	0.97	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0028	SF	5/8" x 3/4" Mesh Flexible Polypropylene Netting .....	1.08	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0029	SF	1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting .....	1.02	0.42
		Note: To control bird and marine predators.		
10 81 13 00-0030	EA	Poly Clips For Flexible Netting.....	3.56	
 <b>10 81 13 00-0031</b>		<b>Netting Accessories</b> <sup>(10 81 13)</sup>		
10 81 13 00-0032	EA	2' Zipper For Flexible Netting.....	9.32	
10 81 13 00-0033	EA	4' Zipper For Flexible Netting.....	14.04	
10 81 13 00-0034	EA	6' Zipper For Flexible Netting.....	16.51	
10 81 13 00-0035	EA	8' Zipper For Flexible Netting.....	23.47	

**10 86 Security Mirrors And Domes** <sup>(10 86)</sup>

<b>10 86 00 00-0001</b>		<b>Dome Mirrors</b> <sup>(10 86)</sup>		
		Note: Includes all mounting hardware. Indoor or outdoor applications.		
 <b>10 86 00 00-0002</b>		<b>Steel Dome Mirrors</b> <sup>(10 86 00 00-0001)</sup>		
10 86 00 00-0003	EA	9" Diameter Full-Dome Steel Dome Mirror.....	318.89	23.79
10 86 00 00-0004	EA	12" Diameter Full-Dome Steel Dome Mirror.....	375.53	24.98
10 86 00 00-0005	EA	18" Diameter Full-Dome Steel Dome Mirror.....	434.55	27.37



<b>Specialties</b>	<b>10</b>	<b>10</b>
Other Specialties	10 80	
Security Mirrors And Domes	10 86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0006	EA		24" Diameter Full-Dome Steel Dome Mirror .....	580.84	29.74
10 86 00 00-0007	EA		9" Diameter Half-Dome Steel Dome Mirror .....	228.19	17.85
10 86 00 00-0008	EA		12" Diameter Half-Dome Steel Dome Mirror .....	263.61	19.03
10 86 00 00-0009	EA		18" Diameter Half-Dome Steel Dome Mirror .....	308.22	20.82
10 86 00 00-0010	EA		24" Diameter Half-Dome Steel Dome Mirror .....	429.74	22.61
<b>10 86 00 00-0011</b>			<b>Plexiglas Dome Mirrors (10 86 00 00-0001)</b>		
10 86 00 00-0012	EA		18" Diameter Full-Dome Plexiglas Dome Mirror .....	247.00	27.37
10 86 00 00-0013	EA		26" Diameter Full-Dome Plexiglas Dome Mirror .....	349.65	29.74
10 86 00 00-0014	EA		32" Diameter Full-Dome Plexiglas Dome Mirror .....	462.98	34.50
10 86 00 00-0015	EA		36" Diameter Full-Dome Plexiglas Dome Mirror .....	559.83	41.64
10 86 00 00-0016	EA		48" Diameter Full-Dome Plexiglas Dome Mirror .....	817.27	59.48
10 86 00 00-0017	EA		18" Diameter Half-Dome Plexiglas Dome Mirror .....	150.87	20.82
10 86 00 00-0018	EA		26" Diameter Half-Dome Plexiglas Dome Mirror .....	203.98	22.61
10 86 00 00-0019	EA		32" Diameter Half-Dome Plexiglas Dome Mirror .....	269.15	26.18
10 86 00 00-0020	EA		36" Diameter Half-Dome Plexiglas Dome Mirror .....	332.00	31.53
10 86 00 00-0021	EA		48" Diameter Half-Dome Plexiglas Dome Mirror .....	528.03	44.62
10 86 00 00-0022	EA		18" Diameter Quarter-Dome Plexiglas Dome Mirror .....	97.03	17.85
10 86 00 00-0023	EA		26" Diameter Quarter-Dome Plexiglas Dome Mirror .....	124.90	19.63
10 86 00 00-0024	EA		32" Diameter Quarter-Dome Plexiglas Dome Mirror .....	164.57	22.01
10 86 00 00-0025	EA		36" Diameter Quarter-Dome Plexiglas Dome Mirror .....	205.22	26.18
10 86 00 00-0026	EA		48" Diameter Quarter-Dome Plexiglas Dome Mirror .....	340.94	37.18
<b>10 86 00 00-0027</b>			<b>Coated Plexiglas Dome Mirrors (10 86 00 00-0001)</b>		
10 86 00 00-0028	EA		18" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	295.36	27.37
10 86 00 00-0029	EA		26" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	458.17	29.74
10 86 00 00-0030	EA		36" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	776.87	41.64
10 86 00 00-0031	EA		48" Diameter Full-Dome Coated Plexiglas Dome Mirror .....	1,197.09	59.48
10 86 00 00-0032	EA		18" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	191.44	20.82
10 86 00 00-0033	EA		26" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	285.84	22.61
10 86 00 00-0034	EA		36" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	452.31	31.53
10 86 00 00-0035	EA		48" Diameter Half-Dome Coated Plexiglas Dome Mirror .....	749.79	44.62
10 86 00 00-0036	EA		18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	138.78	17.85
10 86 00 00-0037	EA		26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	195.20	19.63
10 86 00 00-0038	EA		32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	253.27	22.01
10 86 00 00-0039	EA		36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	326.01	26.18
10 86 00 00-0040	EA		48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror .....	510.79	37.18
<b>10 86 00 00-0041</b>			<b>Circular Convex Security Mirrors (10 86)</b>		
			Note: Includes all mounting hardware.		
<b>10 86 00 00-0042</b>			<b>Plexiglas Circular Convex Mirrors (10 86 00 00-0041)</b>		
			Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA		12" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	104.13	19.03
10 86 00 00-0044	EA		18" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	135.77	20.82
10 86 00 00-0045	EA		26" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	206.57	22.61
10 86 00 00-0046	EA		30" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	258.30	26.18
10 86 00 00-0047	EA		36" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	343.79	31.53
10 86 00 00-0048	EA		48" Diameter Plexiglas Circular Convex Mirrors, Indoor .....	608.24	44.62
10 86 00 00-0049	EA		18" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	175.64	20.82
10 86 00 00-0050	EA		26" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	253.75	22.61
10 86 00 00-0051	EA		36" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	362.67	31.53
10 86 00 00-0052	EA		48" Diameter Plexiglas Circular Convex Mirrors, Outdoor .....	664.86	44.62
<b>10 86 00 00-0053</b>			<b>Coated Plexiglas Circular Convex Mirrors (10 86 00 00-0041)</b>		
			Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor .....	212.44	20.82
10 86 00 00-0055	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor .....	335.38	22.61
10 86 00 00-0056	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor .....	451.04	26.18
10 86 00 00-0057	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor .....	563.19	31.53
10 86 00 00-0058	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor .....	818.20	44.62
10 86 00 00-0059	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor .....	255.61	20.82
10 86 00 00-0060	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor .....	396.72	22.61
10 86 00 00-0061	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor .....	552.48	26.18
10 86 00 00-0062	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor .....	624.53	31.53
10 86 00 00-0063	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor .....	990.42	44.62

**END OF SECTION 10**



10	<b>10</b>	<b>Specialties</b>
	10 80	Other Specialties
	10 86	Security Mirrors And Domes



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



	<b>Equipment</b>	<b>11</b>	
	<b>Vehicle and Pedestrian Equipment</b>	<b>11 10</b>	
	<b>Parking Control Equipment</b>	<b>11 12</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

## 11 Equipment

### 11 10 Vehicle and Pedestrian Equipment <sup>(11)</sup>

#### 11 12 Parking Control Equipment <sup>(11 10)</sup>

##### 11 12 16 Parking Ticket Dispensers <sup>(11 12)</sup>

##### 11 12 16 00-0001 Parking Ticket Dispensers <sup>(11 12 16)</sup>

11 12 16 00-0002	EA	Standard Parking Ticket Dispenser With Time/Date Stamp	11,807.04	208.98
11 12 16 00-0003	EA	Rate Computing Parking Ticket Dispenser With Printer	15,923.70	208.98

##### 11 12 23 Parking Meters <sup>(11 12)</sup>

##### 11 12 23 00-0001 Parking Meters <sup>(11 12 23)</sup>

11 12 23 00-0002	EA	Removal Of Parking Meter For Replacement Or Reinstall Existing Meter	236.65	
------------------	----	--	--------	--

##### 11 12 26 Parking Fee Collection Equipment <sup>(11 12)</sup>

##### 11 12 26 13 Parking Fee Coin Collection Equipment <sup>(11 12 26)</sup>

##### 11 12 26 13-0001 Parking Fee Collection Equipment <sup>(11 12 26 13)</sup>

11 12 26 13-0002	EA	Multiple Station Slot Box For Parking Fee Collection	2,796.39	70.82
------------------	----	--	----------	-------

##### 11 12 33 Parking Gates <sup>(11 12)</sup>

##### 11 12 33 13 Lift Arm Parking Gates <sup>(11 12 33)</sup>

##### 11 12 33 13-0001 Barrier Parking Gate Operators <sup>(11 12 33 13)</sup>

##### 11 12 33 13-0002 Barrier Parking Gate Operators <sup>(11 12 33 13-0001)</sup>

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003	EA	12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,302.04	579.52
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0004	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,281.44	579.52
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0005	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080)	6,542.45	579.52
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0006	EA	20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080)	9,156.87	579.52
		For 230/460 Volt AC, Add	322.50	
11 12 33 13-0007	EA	14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	9,656.21	579.52
11 12 33 13-0008	EA	14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD)	10,068.34	579.52

##### 11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes <sup>(11 12 33 13-0001)</sup>

Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.

11 12 33 13-0010	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	18,614.30	1,159.04
11 12 33 13-0011	EA	14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	21,730.99	1,159.04
11 12 33 13-0012	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	18,768.85	1,159.04
11 12 33 13-0013	EA	14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080)	21,885.54	1,159.04

##### 11 12 33 13-0014 Barrier Parking Gate Operator Accessories <sup>(11 12 33 13-0001)</sup>

11 12 33 13-0015	EA	12' Plastic Replacement Arm For Barrier Parking Gate Operators	224.60	26.44
11 12 33 13-0016	EA	14' Wood Replacement Arm For Barrier Parking Gate Operators	203.99	26.44
11 12 33 13-0017	EA	14' Aluminum Replacement Arm For Barrier Parking Gate Operators	465.01	26.44
11 12 33 13-0018	EA	20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators	696.83	26.44
11 12 33 13-0019	EA	Folding Wood Replacement Arm For Barrier Parking Gate Operators	636.73	26.44
11 12 33 13-0020	EA	Folding Plastic Replacement Arm For Barrier Parking Gate Operators	636.73	26.44
11 12 33 13-0021	EA	Folding Aluminum Replacement Arm For Barrier Parking Gate Operators	774.10	26.44
11 12 33 13-0022	EA	Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092)	703.66	158.64
11 12 33 13-0023	EA	Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093)	703.66	158.64
11 12 33 13-0024	EA	Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010)	712.75	
11 12 33 13-0025	EA	Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B)	1,821.00	
11 12 33 13-0026	EA	36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD)	1,293.69	52.88

Note: Includes mounting plate and hardware. Excludes concrete foundation.

##### 11 12 36 Tire Shredders <sup>(11 12)</sup>

<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle and Pedestrian Equipment</b>
	<b>11 12 Parking Control Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 12 36 00-0001</b> Tire Shredding Traffic Control Spikes <small>(11 12 36)</small>		
<b>11 12 36 00-0002</b> Flush Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0003 EA 6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081).....	2,741.28	423.06
<b>11 12 36 00-0004</b> Surface Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0005 EA 3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088).....	4,847.97	211.53
11 12 36 00-0006 EA 3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087).....	3,474.21	211.53
<b>11 12 36 00-0007</b> Warning Signs And Signals For Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0008 EA Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615)..... Note: Includes light and mounting post.	2,167.76	79.33
11 12 36 00-0009 EA Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603)..... Note: Includes mounting post and hardware.	1,774.18	105.76
<b>11 13 Loading Dock Equipment</b> <small>(11 10)</small>		
<b>11 13 13 Loading Dock Bumpers</b> <small>(11 13)</small>		
<b>11 13 13 00-0001</b> Laminated Rubber Dock Bumpers <small>(11 13 13)</small>		
<b>11 13 13 00-0002</b> 4-1/2" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0003 EA 14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	146.48	23.78
11 13 13 00-0004 EA 24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	181.72	23.78
11 13 13 00-0005 EA 36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	231.44	23.78
11 13 13 00-0006 EA 12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	161.50	23.78
11 13 13 00-0007 EA 14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	173.95	23.78
11 13 13 00-0008 EA 18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	196.21	23.78
11 13 13 00-0009 EA 24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	231.44	23.78
11 13 13 00-0010 EA 36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	310.98	23.78
11 13 13 00-0011 EA 12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	181.38	23.78
11 13 13 00-0012 EA 12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	196.21	23.78
11 13 13 00-0013 EA 12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	238.51	23.78
11 13 13 00-0014 EA 12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	268.51	23.78
11 13 13 00-0015 EA 12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	365.92	23.78
11 13 13 00-0016 EA 11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	220.99	23.78
11 13 13 00-0017 EA 11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	255.87	23.78
11 13 13 00-0018 EA 11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	330.20	23.78
<b>11 13 13 00-0019</b> 6" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0020 EA 12" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	206.28	23.78
11 13 13 00-0021 EA 14" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	218.58	23.78
11 13 13 00-0022 EA 18" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	248.24	23.78
11 13 13 00-0023 EA 24" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	293.41	23.78
11 13 13 00-0024 EA 36" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	393.35	23.78
11 13 13 00-0025 EA 12" x 12", 6" Projection, Laminated Rubber Dock Bumper.....	233.58	23.78
11 13 13 00-0026 EA 14" x 12", 6" Projection, Laminated Rubber Dock Bumper.....	243.69	23.78
11 13 13 00-0027 EA 18" x 12", 6" Projection, Laminated Rubber Dock Bumper.....	283.80	23.78
11 13 13 00-0028 EA 24" x 12", 6" Projection, Laminated Rubber Dock Bumper.....	343.63	23.78
11 13 13 00-0029 EA 36" x 12", 6" Projection, Laminated Rubber Dock Bumper.....	511.15	23.78
11 13 13 00-0030 EA 11" x 20", 6" Projection, Laminated Rubber Dock Bumper.....	293.58	23.78
11 13 13 00-0031 EA 11" x 24", 6" Projection, Laminated Rubber Dock Bumper.....	333.69	23.78
11 13 13 00-0032 EA 11" x 36", 6" Projection, Laminated Rubber Dock Bumper.....	339.03	23.78
<b>11 13 13 00-0033</b> Extruded Rubber Dock Bumpers <small>(11 13 13)</small>		
<b>11 13 13 00-0034</b> 1-3/4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0035 EA 12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	79.19	23.78
11 13 13 00-0036 EA 18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	84.14	23.78
11 13 13 00-0037 EA 24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	90.75	23.78
11 13 13 00-0038 EA 36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	97.35	23.78
<b>11 13 13 00-0039</b> 4" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0040 EA 12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	105.09	23.78
11 13 13 00-0041 EA 18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	125.92	23.78
11 13 13 00-0042 EA 24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	131.92	23.78
11 13 13 00-0043 EA 36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	145.59	23.78
<b>11 13 13 00-0044</b> 6" Projection, Extruded Rubber Dock Bumpers <small>(11 13 13 00-0033)</small>		
11 13 13 00-0045 EA 12" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	128.42	23.78
11 13 13 00-0046 EA 18" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	156.50	23.78
11 13 13 00-0047 EA 24" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	179.62	23.78
11 13 13 00-0048 EA 36" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	223.75	23.78



	<b>Equipment</b>	<b>11</b>
	<b>Vehicle and Pedestrian Equipment</b>	<b>11 10</b>
	<b>Loading Dock Equipment</b>	<b>11 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

11 13 13 00-0049	<b>Molded Rubber Dock Bumpers</b> <small>(11 13 13)</small>	
11 13 13 00-0050	<b>Rectangular Molded Rubber Dock Bumpers</b> <small>(11 13 13 00-0049)</small>	
11 13 13 00-0051	EA 18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper.....	113.13 23.78
11 13 13 00-0052	EA 10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	100.37 23.78
11 13 13 00-0053	EA 20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	129.48 23.78
11 13 13 00-0054	EA 30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	158.83 23.78
11 13 13 00-0055	EA 24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	165.76 23.78
11 13 13 00-0056	EA 13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	126.14 23.78
11 13 13 00-0057	EA 18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	160.00 23.78
11 13 13 00-0058	EA 30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	229.70 23.78
11 13 13 00-0059	EA 13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	136.27 23.78
11 13 13 00-0060	EA 24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	198.19 23.78
11 13 13 00-0061	EA 18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper.....	197.58 23.78
11 13 13 00-0062	EA 24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper.....	297.84 23.78
11 13 13 00-0063	<b>T And L Shaped Rubber Dock Bumpers</b> <small>(11 13 13 00-0049)</small>	
11 13 13 00-0064	EA 22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper.....	188.04 23.78
11 13 13 00-0065	EA 18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper.....	173.77 23.78
11 13 16	<b>Loading Dock Seals and Shelters</b> <small>(11 13)</small>	
11 13 16 13	<b>Loading Dock Seals</b> <small>(11 13 16)</small>	
11 13 16 13-0001	<b>Vinyl Loading Dock Seals</b> <small>(11 13 16 13)</small>	
11 13 16 13-0002	<b>Standard Vinyl Loading Dock Seals</b> <small>(11 13 16 13-0001)</small>	
11 13 16 13-0003	LF 10" Projection, Standard, Vinyl Loading Dock Seal.....	98.90 23.78
11 13 16 13-0004	LF 11" Projection, Standard, Vinyl Loading Dock Seal.....	100.16 23.78
11 13 16 13-0005	LF 12" Projection, Standard, Vinyl Loading Dock Seal.....	101.43 23.78
11 13 16 13-0006	LF 13" Projection, Standard, Vinyl Loading Dock Seal.....	103.95 23.78
11 13 16 13-0007	LF 14" Projection, Standard, Vinyl Loading Dock Seal.....	106.48 23.78
11 13 16 13-0008	LF 15" Projection, Standard, Vinyl Loading Dock Seal.....	109.04 23.78
11 13 16 13-0009	LF 16" Projection, Standard, Vinyl Loading Dock Seal.....	111.61 23.78
11 13 16 13-0010	LF 17" Projection, Standard, Vinyl Loading Dock Seal.....	114.24 23.78
11 13 16 13-0011	LF 18" Projection, Standard, Vinyl Loading Dock Seal.....	116.87 23.78
11 13 16 13-0012	LF 19" Projection, Standard, Vinyl Loading Dock Seal.....	119.40 23.78
11 13 16 13-0013	LF 20" Projection, Standard, Vinyl Loading Dock Seal.....	121.93 23.78
11 13 16 13-0014	LF 22" Projection, Standard, Vinyl Loading Dock Seal.....	127.06 23.78
11 13 16 13-0015	<b>8" Exposure Wear Pleats, Vinyl Loading Dock Seals</b> <small>(11 13 16 13-0001)</small>	
11 13 16 13-0016	LF 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	113.92 23.78
11 13 16 13-0017	LF 11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	115.19 23.78
11 13 16 13-0018	LF 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	116.45 23.78
11 13 16 13-0019	LF 13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	119.02 23.78
11 13 16 13-0020	LF 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	121.58 23.78
11 13 16 13-0021	LF 15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	124.11 23.78
11 13 16 13-0022	LF 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	126.63 23.78
11 13 16 13-0023	LF 17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	129.20 23.78
11 13 16 13-0024	LF 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	131.76 23.78
11 13 16 13-0025	LF 19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	134.29 23.78
11 13 16 13-0026	LF 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	136.89 23.78
11 13 16 13-0027	LF 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	141.94 23.78
11 13 16 13-0028	<b>4" Exposure Wear Pleats, Vinyl Loading Dock Seals</b> <small>(11 13 16 13-0001)</small>	
11 13 16 13-0029	LF 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	121.93 23.78
11 13 16 13-0030	LF 11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	123.23 23.78
11 13 16 13-0031	LF 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	124.53 23.78
11 13 16 13-0032	LF 13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	127.06 23.78
11 13 16 13-0033	LF 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	129.58 23.78
11 13 16 13-0034	LF 15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	132.15 23.78
11 13 16 13-0035	LF 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	134.71 23.78
11 13 16 13-0036	LF 17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	137.24 23.78
11 13 16 13-0037	LF 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	139.77 23.78
11 13 16 13-0038	LF 19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	142.33 23.78
11 13 16 13-0039	LF 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	144.89 23.78
11 13 16 13-0040	LF 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	150.09 23.78
11 13 16 13-0041	<b>Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13)</small>	
11 13 16 13-0042	<b>Standard, Vinyl Loading Dock Seals With Drape Curtain</b> <small>(11 13 16 13-0041)</small>	
11 13 16 13-0043	LF 10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	92.21 23.78
11 13 16 13-0044	LF 12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	94.19 23.78
11 13 16 13-0045	LF 14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	98.59 23.78

<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle and Pedestrian Equipment</b>
	<b>11 13 Loading Dock Equipment</b>



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
11 13 16 13-0046	LF	16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain .....	102.92		23.78
11 13 16 13-0047	LF	18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain .....	107.37		23.78
11 13 16 13-0048	LF	20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain .....	111.71		23.78
11 13 16 13-0049	LF	22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain .....	116.10		23.78
<b>11 13 16 13-0050</b>		<b>8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small></b>			
11 13 16 13-0051	LF	10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	106.41		23.78
11 13 16 13-0052	LF	12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	108.46		23.78
11 13 16 13-0053	LF	14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	112.85		23.78
11 13 16 13-0054	LF	16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	117.25		23.78
11 13 16 13-0055	LF	18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	121.58		23.78
11 13 16 13-0056	LF	20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	125.97		23.78
11 13 16 13-0057	LF	22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	130.31		23.78
<b>11 13 16 13-0058</b>		<b>4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small></b>			
11 13 16 13-0059	LF	10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	114.12		23.78
11 13 16 13-0060	LF	12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	116.10		23.78
11 13 16 13-0061	LF	14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	120.56		23.78
11 13 16 13-0062	LF	16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	124.89		23.78
11 13 16 13-0063	LF	18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	129.28		23.78
11 13 16 13-0064	LF	20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	133.62		23.78
11 13 16 13-0065	LF	22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain .....	138.07		23.78
<b>11 13 16 23</b>		<b>Loading Dock Shelters <small>(11 13 16)</small></b>			
<b>11 13 16 23-0001</b>		<b>Retractable Vinyl Loading Dock Shelter <small>(11 13 16 23)</small></b>			
11 13 16 23-0002	LF	Retractable Vinyl Dock Shelters, Scissor Arms .....	154.00		29.73
<b>11 13 16 23-0003</b>		<b>Rigid Loading Dock Shelters <small>(11 13 16 23)</small></b>			
11 13 16 23-0004	LF	18" Projection, Rigid Loading Dock Shelter .....	116.19		28.54
11 13 16 23-0005	LF	24" Projection, Rigid Loading Dock Shelter .....	120.85		28.54
11 13 16 23-0006	LF	30" Projection, Rigid Loading Dock Shelter .....	125.52		29.73
11 13 16 23-0007	LF	36" Projection, Rigid Loading Dock Shelter .....	128.74		29.73
<b>11 13 19</b>		<b>Stationary Loading Dock Equipment <small>(11 13)</small></b>			
		Note: Includes all anchor bolts and fasteners.			
<b>11 13 19 13</b>		<b>Loading Dock Levelers <small>(11 13 19)</small></b>			
<b>11 13 19 13-0001</b>		<b>Hydraulic Dock Levelers <small>(11 13 19 13)</small></b>			
		Note: Excludes control panel, remote operator, and electrical wiring.			
<b>11 13 19 13-0002</b>		<b>20,000 Lb. Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small></b>			
11 13 19 13-0003	EA	6' x 6', 20,000 Lb. Hydraulic Dock Leveler .....	8,059.42		1,029.80
11 13 19 13-0004	EA	6' x 8', 20,000 Lb. Hydraulic Dock Leveler .....	8,627.94		1,144.21
11 13 19 13-0005	EA	6' x 10', 20,000 Lb. Hydraulic Dock Leveler .....	10,533.97		1,373.05
11 13 19 13-0006	EA	7' x 6', 20,000 Lb. Hydraulic Dock Leveler .....	8,575.05		1,144.21
11 13 19 13-0007	EA	7' x 8', 20,000 Lb. Hydraulic Dock Leveler .....	9,309.02		1,258.64
11 13 19 13-0008	EA	7' x 10', 20,000 Lb. Hydraulic Dock Leveler .....	11,157.84		1,487.48
<b>11 13 19 13-0009</b>		<b>25,000 Lb. Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small></b>			
11 13 19 13-0010	EA	6' x 6', 25,000 Lb. Hydraulic Dock Leveler .....	8,217.60		1,029.80
11 13 19 13-0011	EA	6' x 8', 25,000 Lb. Hydraulic Dock Leveler .....	8,790.23		1,144.21
11 13 19 13-0012	EA	6' x 10', 25,000 Lb. Hydraulic Dock Leveler .....	10,686.02		1,373.05
11 13 19 13-0013	EA	7' x 6', 25,000 Lb. Hydraulic Dock Leveler .....	8,728.45		1,144.21
11 13 19 13-0014	EA	7' x 8', 25,000 Lb. Hydraulic Dock Leveler .....	9,450.25		1,258.64
11 13 19 13-0015	EA	7' x 10', 25,000 Lb. Hydraulic Dock Leveler .....	11,456.29		1,487.48
<b>11 13 19 13-0016</b>		<b>30,000 Lb. Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small></b>			
11 13 19 13-0017	EA	6' x 6', 30,000 Lb. Hydraulic Dock Leveler .....	8,617.88		1,201.43
11 13 19 13-0018	EA	6' x 8', 30,000 Lb. Hydraulic Dock Leveler .....	9,171.07		1,373.05
11 13 19 13-0019	EA	6' x 10', 30,000 Lb. Hydraulic Dock Leveler .....	11,154.94		1,601.90
11 13 19 13-0020	EA	7' x 6', 30,000 Lb. Hydraulic Dock Leveler .....	9,171.07		1,373.05
11 13 19 13-0021	EA	7' x 8', 30,000 Lb. Hydraulic Dock Leveler .....	9,857.81		1,544.69
11 13 19 13-0022	EA	7' x 10', 30,000 Lb. Hydraulic Dock Leveler .....	11,841.69		1,659.12
<b>11 13 19 13-0023</b>		<b>35,000 Lb. Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small></b>			
11 13 19 13-0024	EA	6' x 6', 35,000 Lb. Hydraulic Dock Leveler .....	8,916.63		1,258.64
11 13 19 13-0025	EA	6' x 8', 35,000 Lb. Hydraulic Dock Leveler .....	9,471.52		1,430.27
11 13 19 13-0026	EA	6' x 10', 35,000 Lb. Hydraulic Dock Leveler .....	10,691.47		1,659.12
11 13 19 13-0027	EA	7' x 6', 35,000 Lb. Hydraulic Dock Leveler .....	9,471.52		1,430.27
11 13 19 13-0028	EA	7' x 8', 35,000 Lb. Hydraulic Dock Leveler .....	10,289.28		1,601.90



<b>Equipment</b>	<b>11</b>
<b>Vehicle and Pedestrian Equipment</b>	<b>11 10</b>
<b>Loading Dock Equipment</b>	<b>11 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0029 EA 7' x 10', 35,000 Lb. Hydraulic Dock Leveler.....	12,323.52	1,716.32
<b>11 13 19 13-0030 40,000 Lb. Hydraulic Dock Levelers (11 13 19 13-0001)</b>		
11 13 19 13-0031 EA 6' x 6', 40,000 Lb. Hydraulic Dock Leveler.....	9,412.63	1,258.64
11 13 19 13-0032 EA 6' x 8', 40,000 Lb. Hydraulic Dock Leveler.....	9,966.69	1,430.27
11 13 19 13-0033 EA 6' x 10', 40,000 Lb. Hydraulic Dock Leveler.....	11,985.79	1,659.12
11 13 19 13-0034 EA 7' x 6', 40,000 Lb. Hydraulic Dock Leveler.....	9,966.69	1,430.27
11 13 19 13-0035 EA 7' x 8', 40,000 Lb. Hydraulic Dock Leveler.....	10,785.47	1,601.90
11 13 19 13-0036 EA 7' x 10', 40,000 Lb. Hydraulic Dock Leveler.....	12,819.35	1,716.32
<b>11 13 19 13-0037 45,000 Lb. Hydraulic Dock Levelers (11 13 19 13-0001)</b>		
11 13 19 13-0038 EA 6' x 6', 45,000 Lb. Hydraulic Dock Leveler.....	9,848.24	1,315.85
11 13 19 13-0039 EA 6' x 8', 45,000 Lb. Hydraulic Dock Leveler.....	10,412.85	1,487.48
11 13 19 13-0040 EA 6' x 10', 45,000 Lb. Hydraulic Dock Leveler.....	12,419.63	1,716.32
11 13 19 13-0041 EA 7' x 6', 45,000 Lb. Hydraulic Dock Leveler.....	10,414.58	1,487.48
11 13 19 13-0042 EA 7' x 8', 45,000 Lb. Hydraulic Dock Leveler.....	11,225.46	1,659.12
11 13 19 13-0043 EA 7' x 10', 45,000 Lb. Hydraulic Dock Leveler.....	13,243.69	1,773.53
<b>11 13 19 13-0044 Manual Dock Levelers (11 13 19 13)</b>		
<b>11 13 19 13-0045 20,000 Lb. Manual Dock Levelers (11 13 19 13-0044)</b>		
11 13 19 13-0046 EA 6' x 6', 20,000 Lb. Manual Dock Leveler.....	6,445.85	1,029.80
11 13 19 13-0047 EA 6' x 8', 20,000 Lb. Manual Dock Leveler.....	7,024.56	1,144.21
11 13 19 13-0048 EA 6' x 10', 20,000 Lb. Manual Dock Leveler.....	8,920.40	1,373.05
11 13 19 13-0049 EA 7' x 6', 20,000 Lb. Manual Dock Leveler.....	6,962.94	1,144.21
11 13 19 13-0050 EA 7' x 8', 20,000 Lb. Manual Dock Leveler.....	7,695.45	1,258.64
11 13 19 13-0051 EA 7' x 10', 20,000 Lb. Manual Dock Leveler.....	9,708.83	1,373.05
<b>11 13 19 13-0052 40,000 Lb. Manual Dock Levelers (11 13 19 13-0044)</b>		
11 13 19 13-0053 EA 6' x 6', 40,000 Lb. Manual Dock Leveler.....	7,941.78	1,144.21
11 13 19 13-0054 EA 6' x 8', 40,000 Lb. Manual Dock Leveler.....	8,495.84	1,258.64
11 13 19 13-0055 EA 6' x 10', 40,000 Lb. Manual Dock Leveler.....	9,265.44	1,487.48
11 13 19 13-0056 EA 7' x 6', 40,000 Lb. Manual Dock Leveler.....	8,495.84	1,258.64
11 13 19 13-0057 EA 7' x 8', 40,000 Lb. Manual Dock Leveler.....	9,648.11	1,373.05
11 13 19 13-0058 EA 7' x 10', 40,000 Lb. Manual Dock Leveler.....	11,348.49	1,601.90
<b>11 13 19 13-0059 Edge Of Dock Levelers (11 13 19 13)</b>		
Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
<b>11 13 19 13-0060 Hydraulic Edge Of Dock Levelers (11 13 19 13-0059)</b>		
Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061 EA 66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2066).....	4,549.61	343.27
11 13 19 13-0062 EA 72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2072).....	4,885.34	343.27
11 13 19 13-0063 EA 66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2566).....	4,836.75	343.27
11 13 19 13-0064 EA 72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Hydraulic (Vestil PE-2572).....	5,297.65	343.27
11 13 19 13-0065 EA 66" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620).....	5,424.30	343.27
11 13 19 13-0066 EA 72" Usable Width, 20,000 Lb. Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220).....	5,729.99	343.27
<b>11 13 19 13-0067 Manual Edge Of Dock Levelers (11 13 19 13-0059)</b>		
11 13 19 13-0068 EA 66" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2066).....	2,410.95	343.27
11 13 19 13-0069 EA 72" Usable Width, 20,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2072).....	2,613.20	343.27
11 13 19 13-0070 EA 66" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2566).....	2,675.05	343.27
11 13 19 13-0071 EA 72" Usable Width, 25,000 Lb. Edge Of Dock Leveler, Manual (Vestil FM-2572).....	2,826.73	343.27
11 13 19 13-0072 EA 66" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP66).....	2,978.78	343.27
11 13 19 13-0073 EA 72" Usable Width, 25,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 25EP72).....	3,382.22	343.27
11 13 19 13-0074 EA 78" Usable Width, 25,000 Lb. Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78).....	3,679.02	343.27
11 13 19 13-0075 EA 72" Usable Width, 30,000 Lb. Conventional Trailer, Edge of Dock Leveler, Manual (Bluff Manufacturing 30EP72).....	3,721.68	343.27
11 13 19 13-0076 EA 66" Usable Width, 20,000 Lb. Refrigerated Truck, Edge of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R).....	3,316.46	343.27
11 13 19 13-0077 EA 78" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R).....	4,548.11	343.27
11 13 19 13-0078 EA 72" Usable Width, 30,000 Lb. Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R).....	4,283.30	343.27
<b>11 13 19 23 Stationary Loading Dock Lifts (11 13 19)</b>		
<b>11 13 19 23-0001 Top Of Ground, Fixed Platform Lifts (11 13 19 23)</b>		
11 13 19 23-0002 EA 6' x 8', 5,500 Lb. Top Of Ground, Fixed Platform Lift.....	17,849.74	239.40
<b>11 13 19 23-0003 Pit Mounted, Fixed Platform Lifts (11 13 19 23)</b>		
11 13 19 23-0004 EA 6' x 8', 5,000 Lb. Fixed Platform Lift, Pit Mounted.....	12,213.33	239.40
11 13 19 23-0005 EA 6' x 8', 8,000 Lb. Fixed Platform Lift, Pit Mounted.....	21,939.98	359.10
11 13 19 23-0006 EA 7' x 12', 15,000 Lb. Fixed Platform Lift, Pit Mounted.....	38,434.28	718.20
11 13 19 23-0007 EA 8' x 20', 15,000 Lb. Fixed Platform Lift, Pit Mounted.....	40,298.11	957.60



<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle and Pedestrian Equipment</b>
	<b>11 13 Loading Dock Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**11 13 19 26 Loading Dock Truck Lifts (11 13 19)**

<b>11 13 19 26-0001</b>	<b>Hydraulic Truck Lifts (11 13 19 26)</b>		
11 13 19 26-0002	EA 10' x 15', 60,000 Lb. Platform Truck Lift.....	35,805.87	1,946.11
11 13 19 26-0003	EA 10' x 20', 60,000 Lb. Platform Truck Lift.....	40,966.11	2,335.33

**11 13 19 33 Loading Dock Truck Restraints (11 13 19)**

<b>11 13 19 33-0001</b>	<b>Truck Restraint System (11 13 19 33)</b>		
11 13 19 33-0002	EA Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL60)..... Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 Lb. restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	10,277.91	429.08
11 13 19 33-0003	EA Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4)..... Note: Includes push button controls, warning lights, alarms, minimum 32,000 Lb. restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	10,750.72	429.08
11 13 19 33-0004	EA Truck Restraint System (Poweramp Powerstop AAL)..... Note: Includes push button controls, warning lights, alarms, 30,000 Lb. holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,367.90	429.08

**11 13 23 Portable Dock Equipment (11 13)**

**11 13 23 23 Portable Dock Platforms (11 13 23)**

11 13 23 23-0001	EA 6' x 6', 5,000 Lb. Capacity Portable Platform Lift.....	14,072.69	132.20
------------------	--	-----------	--------

**11 13 26 Loading Dock Lights (11 13)**

**11 13 26 00-0001 Communication Lights (11 13 26)**

11 13 26 00-0002	EA Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC..... Note: Excludes control console.	389.96	87.08
11 13 26 00-0003	EA Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC.....	490.78	87.08
11 13 26 00-0004	EA Dock Guide Light For Truck Backing.....	208.28	69.66

**11 13 26 00-0005 Communication Lights Controls (11 13 26)**

11 13 26 00-0006	EA Dock Communication Lights Control Console For Up To Two Docks.....	405.03	116.11
------------------	---	--------	--------

**11 13 26 00-0007 Loading Dock Lights (11 13 26)**

**11 13 26 00-0008 Incandescent Loading Dock Lights (11 13 26 00-0007)**

11 13 26 00-0009	EA 24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	461.87	116.11
11 13 26 00-0010	EA 40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	409.26	116.11
11 13 26 00-0011	EA 60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	541.99	116.11

**11 13 26 00-0012 Metal Halide Loading Dock Lights (11 13 26 00-0007)**

11 13 26 00-0013	EA 24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	643.74	116.11
11 13 26 00-0014	EA 40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	706.09	116.11
11 13 26 00-0015	EA 60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	755.96	116.11

**11 13 26 00-0016 Quartz Halogen Loading Dock Lights (11 13 26 00-0007)**

11 13 26 00-0017	EA 24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen.....	402.25	116.11
11 13 26 00-0018	EA 40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	441.70	116.11
11 13 26 00-0019	EA 60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen.....	475.37	116.11

**11 14 Pedestrian Control Equipment (11 10)**

**11 14 13 Pedestrian Gates (11 14)**

**11 14 13 16 Rotary Gates (11 14 13)**

11 14 13 16-0001	Access Control Indoor Or Outdoor Impenetrability (11 14 13 16)		
11 14 13 16-0002	Mechanical (11 14 13 16-0001)		
11 14 13 16-0003	Galvanized Steel (11 14 13 16-0002)		
11 14 13 16-0004	EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel.....	12,854.79	1,591.76
11 14 13 16-0005	EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	14,526.06	1,591.76
11 14 13 16-0006	EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel.....	28,983.49	2,374.84
11 14 13 16-0007	EA One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel.....	28,061.83	2,374.84

**11 14 13 16-0008 Powder Coated Steel (11 14 13 16-0002)**



<b>Equipment</b>	<b>11</b>	
<b>Vehicle and Pedestrian Equipment</b>	<b>11 10</b>	⇩
<b>Pedestrian Control Equipment</b>	<b>11 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0009 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel .....	14,547.57	1,591.76
11 14 13 16-0010 EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel .....	16,154.33	1,591.76
11 14 13 16-0011 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	34,240.03	2,374.84
11 14 13 16-0012 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel.....	30,839.10	2,374.84
<b>11 14 13 16-0013 Anodized Aluminum</b> <small>(11 14 13 16-0002)</small>		
11 14 13 16-0014 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms .....	15,281.82	1,591.76
11 14 13 16-0015 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum .....	26,529.15	1,591.76
11 14 13 16-0016 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	30,703.93	2,374.84
11 14 13 16-0017 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum.....	51,889.82	2,374.84
<b>11 14 13 16-0018 Stainless Steel</b> <small>(11 14 13 16-0002)</small>		
11 14 13 16-0019 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel .....	24,175.84	1,591.76
11 14 13 16-0020 EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel .....	27,143.59	1,591.76
11 14 13 16-0021 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	38,814.53	2,374.84
11 14 13 16-0022 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel.....	48,461.24	2,374.84
<b>11 14 13 16-0023 Transparent</b> <small>(11 14 13 16-0002)</small>		
11 14 13 16-0024 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent.....	48,034.55	1,592.01
<b>11 14 13 16-0025 Mechanical Options</b> <small>(11 14 13 16-0001)</small>		
11 14 13 16-0026 EA Out-of-Use Lock Option, Add.....	261.14	
11 14 13 16-0027 EA Heel Protector (Each Heel Protector), Add.....	184.33	
<b>11 14 13 16-0028 Electrical, One-Way</b> <small>(11 14 13 16-0001)</small>		
<b>11 14 13 16-0029 Galvanized Steel</b> <small>(11 14 13 16-0028)</small>		
11 14 13 16-0030 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel .....	13,595.19	1,591.76
11 14 13 16-0031 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel .....	15,269.53	1,591.76
11 14 13 16-0032 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	31,748.47	2,374.84
11 14 13 16-0033 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	29,256.92	2,374.84
11 14 13 16-0034 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	31,748.47	2,374.84
<b>11 14 13 16-0035 Powder Coated Steel</b> <small>(11 14 13 16-0028)</small>		
11 14 13 16-0036 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	15,284.90	1,591.76
11 14 13 16-0037 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	17,155.87	1,591.76
11 14 13 16-0038 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	42,528.82	2,374.84
11 14 13 16-0039 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	32,049.55	2,374.84
11 14 13 16-0040 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	34,547.25	2,374.84
<b>11 14 13 16-0041 Anodized Aluminum</b> <small>(11 14 13 16-0028)</small>		
11 14 13 16-0042 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	15,592.12	1,591.76
11 14 13 16-0043 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	16,544.50	1,591.76
11 14 13 16-0044 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum .....	27,450.81	1,591.76
11 14 13 16-0045 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	32,396.71	2,374.84
11 14 13 16-0046 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	36,049.55	2,374.84
11 14 13 16-0047 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	53,484.29	2,374.84
<b>11 14 13 16-0048 Stainless Steel</b> <small>(11 14 13 16-0028)</small>		
11 14 13 16-0049 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	25,727.30	1,591.76
11 14 13 16-0050 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	27,539.90	1,591.76
11 14 13 16-0051 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	44,577.98	2,374.84
11 14 13 16-0052 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	50,829.91	2,374.84
11 14 13 16-0053 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	56,049.58	2,374.84
<b>11 14 13 16-0054 Transparent</b> <small>(11 14 13 16-0028)</small>		
11 14 13 16-0055 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	43,804.13	1,592.01
11 14 13 16-0056 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	46,372.49	1,592.01
11 14 13 16-0057 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels .....	47,493.84	1,592.01
11 14 13 16-0058 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms .....	78,138.69	2,374.84
11 14 13 16-0059 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms .....	83,084.94	2,374.84
<b>11 14 13 16-0060 Electrical, Two-Way</b> <small>(11 14 13 16-0001)</small>		
<b>11 14 13 16-0061 Galvanized Steel</b> <small>(11 14 13 16-0060)</small>		
11 14 13 16-0062 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel .....	14,664.31	1,591.76

<b>11</b>	<b>11 Equipment</b>
	<b>11 10 Vehicle and Pedestrian Equipment</b>
	<b>11 14 Pedestrian Control Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0063	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel .....	16,387.82	1,591.76
11 14 13 16-0064	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel .....	37,622.52	2,374.84
11 14 13 16-0065	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel .....	31,164.76	2,374.84
<b>11 14 13 16-0066</b>			<b>Powder Coated Steel</b> <small>(11 14 13 16-0060)</small>		
11 14 13 16-0067	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel .....	16,221.92	1,591.76
11 14 13 16-0068	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel .....	18,200.41	1,591.76
11 14 13 16-0069	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel .....	43,456.63	2,374.84
11 14 13 16-0070	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel .....	33,972.75	2,374.84
<b>11 14 13 16-0071</b>			<b>Anodized Aluminum</b> <small>(11 14 13 16-0060)</small>		
11 14 13 16-0072	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms .....	16,645.88	1,591.76
11 14 13 16-0073	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms .....	17,555.25	1,591.76
11 14 13 16-0074	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum .....	28,676.62	1,591.76
11 14 13 16-0075	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms .....	34,544.18	2,374.84
11 14 13 16-0076	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum .....	55,478.15	2,374.84
<b>11 14 13 16-0077</b>			<b>Stainless Steel</b> <small>(11 14 13 16-0060)</small>		
11 14 13 16-0078	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel .....	26,765.71	1,591.76
11 14 13 16-0079	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel .....	28,609.03	1,591.76
11 14 13 16-0080	EA		Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel .....	45,339.89	2,374.84
11 14 13 16-0081	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel .....	52,366.01	2,374.84
11 14 13 16-0082	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel .....	58,169.39	2,374.84
<b>11 14 13 16-0083</b>			<b>Transparent</b> <small>(11 14 13 16-0060)</small>		
11 14 13 16-0084	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms .....	44,695.07	1,592.01
11 14 13 16-0085	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms .....	47,109.82	1,592.01
11 14 13 16-0086	EA		Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels .....	48,495.38	1,592.01
11 14 13 16-0087	EA		Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms .....	80,012.74	2,374.84
11 14 13 16-0088	EA		One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms .....	84,621.04	2,374.84
<b>11 14 13 16-0089</b>			<b>Electrical Options</b> <small>(11 14 13 16-0001)</small>		
11 14 13 16-0090	EA		Additional Set Of Electric Controls, Per Rotor, Add .....	1,023.04	
11 14 13 16-0091	EA		Indicator Lights, Set, Red/Green, Per Controlled Direction, Add .....	718.89	
11 14 13 16-0092	EA		Time-Out-Relay, Per Controlled Direction .....	236.56	
11 14 13 16-0093	EA		Pulse-Relay, Per Controlled Direction .....	236.56	
11 14 13 16-0094	EA		Pushbutton, Per Controlled Direction .....	187.40	
11 14 13 16-0095	EA		Heel Protectors, (Per Heel Protector), Add .....	184.33	
11 14 13 16-0096	EA		Card Reader Mounting Pad, Per Reader .....	168.97	
11 14 13 16-0097	EA		Hydraulic Speed Control (Per Rotor), Add .....	4,291.86	
<b>11 14 13 16-0098</b>			<b>Relocate Rotary Gate</b> <small>(11 14 13 16-0001)</small>		
11 14 13 16-0099	EA		Relocate Rotary Gate .....	4,675.77	
<b>11 14 13 19</b>			<b>Turnstiles</b> <small>(11 14 13)</small>		
<b>11 14 13 19-0001</b>			<b>Turnstiles</b> <small>(11 14 13 19)</small>		
11 14 13 19-0002	EA		24" Diameter Manual Turnstile, Three Arm, Two Way .....	2,783.56	448.88
11 14 13 19-0003	EA		24" Diameter Manual Turnstile, Three Arm, Two Way With Counter .....	3,648.62	448.88
<b>11 14 16</b>			<b>Pedestrian Control Devices</b> <small>(11 14)</small>		
<b>11 14 16 00-0001</b>			<b>Retractable Barrier</b> <small>(11 14 16)</small>		
11 14 16 00-0002	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WGB269387BK) .....	104.88	23.80
11 14 16 00-0003	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791) .....	186.32	23.80
11 14 16 00-0004	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770) .....	227.04	23.80
11 14 16 00-0005	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771) .....	369.57	23.80
<b>11 30 Residential Equipment</b> <small>(11)</small>					
<b>11 30 13 Residential Appliances</b> <small>(11 30)</small>					
<b>11 30 13 13 Residential Kitchen Appliances</b> <small>(11 30 13)</small>					
Note: Includes standard colors. Excludes stainless steel.					
<b>11 30 13 13-0001 Residential Refrigerators/Freezers</b> <small>(11 30 13 13)</small>					
11 30 13 13-0002	EA		18 CF Refrigerator .....	1,485.52	264.41



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	↑
Residential Appliances	11 30 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 11 40 Foodservice Equipment <sup>(11)</sup>

### 11 41 Foodservice Storage Equipment <sup>(11 40)</sup>

#### 11 41 23 Walk-In-Coolers <sup>(11 41)</sup>

##### 11 41 23 00-0001 Walk-In Refrigerated Boxes <sup>(11 41 23)</sup>

Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.

##### 11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor <sup>(11 41 23 00-0001)</sup>

Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.

11 41 23 00-0003	EA	6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	18,949.13	1,436.39
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,258.40	
11 41 23 00-0004	EA	6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,740.55	1,615.94
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,146.49	
11 41 23 00-0005	EA	6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,001.91	1,795.49
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,401.98	
11 41 23 00-0006	EA	6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,024.89	2,154.59
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,038.41	
11 41 23 00-0007	EA	6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,147.58	2,513.69
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,949.45	
11 41 23 00-0008	EA	6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,339.79	2,872.79
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,627.18	
11 41 23 00-0009	EA	6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,470.70	3,231.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,290.38	
11 41 23 00-0010	EA	8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,045.28	1,795.49
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,662.82	
11 41 23 00-0011	EA	8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,401.32	1,975.04
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,192.16	
11 41 23 00-0012	EA	8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,770.61	2,334.14
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,914.26	
11 41 23 00-0013	EA	8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,326.67	2,693.24
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,933.92	
11 41 23 00-0014	EA	8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,759.72	3,052.34
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,672.85	
11 41 23 00-0015	EA	8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,312.76	3,411.44
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,440.84	
11 41 23 00-0016	EA	8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,743.79	3,770.53
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,179.77	
11 41 23 00-0017	EA	8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,283.42	4,129.63
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,943.94	
11 41 23 00-0018	EA	8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,731.76	4,488.73
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,686.70	
11 41 23 00-0019		<b>Walk-In Refrigerated Unit, 7'6" High With Floor <sup>(11 41 23 00-0001)</sup></b>		
		Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0020	EA	10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,143.30	2,154.59
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,068.01	
11 41 23 00-0021	EA	10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,859.05	2,513.69
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,877.31	
11 41 23 00-0022	EA	10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,751.94	2,872.79
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,730.22	
11 41 23 00-0023	EA	10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,409.12	3,231.89
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,524.99	
11 41 23 00-0024	EA	10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,368.72	3,590.99
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,396.25	
11 41 23 00-0025	EA	10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	50,019.30	3,950.08
		<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,187.19	

<b>11</b>	<b>Equipment</b>
<b>11 40</b>	<b>Foodservice Equipment</b>
<b>11 41</b>	<b>Foodservice Storage Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0026	EA		10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	53,994.70	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,063.05	
11 41 23 00-0027	EA		10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	57,632.85	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,853.23	
11 41 23 00-0028	EA		10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	61,597.54	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,724.49	
11 41 23 00-0029	EA		10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	65,258.99	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,519.26	
11 41 23 00-0030	EA		10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	69,463.19	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,391.28	
11 41 23 00-0031	EA		10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	73,330.45	6,463.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,181.46	
11 41 23 00-0032	EA		12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,585.29	2,693.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,748.58	
11 41 23 00-0033	EA		12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,936.27	3,052.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,716.99	
11 41 23 00-0034	EA		12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,902.38	3,411.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,588.25	
11 41 23 00-0035	EA		12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,232.97	3,770.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,552.07	
11 41 23 00-0036	EA		12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	55,219.33	4,129.63
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,427.92	
11 41 23 00-0037	EA		12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	59,548.88	4,488.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,390.98	
11 41 23 00-0038	EA		12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	63,507.56	4,847.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,262.24	
11 41 23 00-0039	EA		12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	67,863.92	5,206.93
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,230.65	
11 41 23 00-0040	EA		12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	71,951.72	5,655.81
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,101.91	
11 41 23 00-0041	EA		12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	76,524.38	6,194.45
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,065.73	
11 41 23 00-0042	EA		12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	80,743.78	6,733.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,941.58	
11 41 23 00-0043	EA		12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	85,306.45	7,271.75
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,904.64	
11 41 23 00-0044	EA		12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	89,502.20	7,810.40
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,775.90	
11 41 23 00-0045			<b>Walk-In Refrigerated Unit, 7'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA		14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,196.71	3,231.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,721.88	
11 41 23 00-0047	EA		14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	56,092.59	3,590.99
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,827.22	
11 41 23 00-0048	EA		14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	61,413.79	3,950.08
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,035.82	
11 41 23 00-0049	EA		14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	66,310.17	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,141.91	
11 41 23 00-0050	EA		14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	71,603.64	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,345.92	
11 41 23 00-0051	EA		14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	76,526.04	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,456.61	
11 41 23 00-0052	EA		14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	81,824.45	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,660.62	





<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	↑
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0053	EA		14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	86,964.93	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,766.72	
11 41 23 00-0054	EA		14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	92,505.87	6,463.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,975.32	
11 41 23 00-0055	EA		14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	97,674.13	7,002.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-22,080.65	
11 41 23 00-0056	EA		14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	103,191.11	7,541.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-23,285.43	
11 41 23 00-0057	EA		14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	108,354.35	7,989.95
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,395.35	
<b>11 41 23 00-0058</b>			<b>Walk-In Refrigerated Unit, 7'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17" and 18' wide.		
11 41 23 00-0059	EA		16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	61,516.77	3,770.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,123.02	
11 41 23 00-0060	EA		16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	67,228.83	4,129.63
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,430.30	
11 41 23 00-0061	EA		16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	72,745.56	4,488.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,690.15	
11 41 23 00-0062	EA		16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	78,466.65	4,847.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,002.01	
11 41 23 00-0063	EA		16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	83,988.78	5,206.93
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,261.86	
11 41 23 00-0064	EA		16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	89,820.63	5,655.81
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,569.14	
11 41 23 00-0065	EA		16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	95,595.77	6,194.45
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-21,833.58	
11 41 23 00-0066	EA		16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	101,540.87	6,733.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-23,140.85	
11 41 23 00-0067	EA		16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	107,290.72	7,271.75
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,400.70	
11 41 23 00-0068	EA		16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	113,248.88	7,810.40
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-25,712.57	
11 41 23 00-0069	EA		18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	72,105.33	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,590.70	
11 41 23 00-0070	EA		18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	77,980.15	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,940.05	
11 41 23 00-0071	EA		18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	84,184.58	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,371.25	
11 41 23 00-0072	EA		18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	90,049.04	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,716.77	
11 41 23 00-0073	EA		18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	96,505.22	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-22,151.79	
11 41 23 00-0074	EA		18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	102,593.85	6,463.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-23,497.31	
11 41 23 00-0075	EA		18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	109,065.56	7,002.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,928.51	
11 41 23 00-0076	EA		18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	115,160.83	7,541.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-26,277.86	
11 41 23 00-0077	EA		18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	121,609.16	8,079.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-27,709.05	
11 41 23 00-0078	EA		18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	127,928.03	8,738.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-29,054.57	
<b>11 41 23 00-0079</b>			<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		



**11 Equipment****11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0080	EA		6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,056.76	1,436.39
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,535.31	
11 41 23 00-0081	EA		6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	23,168.92	1,615.94
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,253.58	
11 41 23 00-0082	EA		6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,409.39	1,795.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,753.85	
11 41 23 00-0083	EA		6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,640.43	2,154.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,442.29	
11 41 23 00-0084	EA		6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,854.92	2,513.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,376.28	
11 41 23 00-0085	EA		6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,255.19	2,872.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,106.03	
11 41 23 00-0086	EA		6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,477.89	3,231.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,792.18	
11 41 23 00-0087	EA		8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,569.04	1,795.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,043.76	
11 41 23 00-0088	EA		8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,016.86	1,975.04
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,596.05	
11 41 23 00-0089	EA		8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,594.21	2,334.14
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,370.16	
11 41 23 00-0090	EA		8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,242.07	2,693.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,412.77	
11 41 23 00-0091	EA		8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,883.18	3,052.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,203.71	
11 41 23 00-0092	EA		8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,528.02	3,411.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,994.66	
11 41 23 00-0093	EA		8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	48,167.10	3,770.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,785.60	
11 41 23 00-0094	EA		8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,798.53	4,129.63
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,572.72	
11 41 23 00-0095	EA		8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	55,454.94	4,488.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,367.49	
11 41 23 00-0096			<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small>		
			Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0097	EA		10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,850.64	2,154.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,494.85	
11 41 23 00-0098	EA		10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,774.45	2,513.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,356.16	
11 41 23 00-0099	EA		10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,759.13	2,872.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,232.02	
11 41 23 00-0100	EA		10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,624.38	3,231.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,078.80	
11 41 23 00-0101	EA		10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	48,675.77	3,590.99
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,973.01	
11 41 23 00-0102	EA		10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,534.41	3,950.08
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,815.97	
11 41 23 00-0103	EA		10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	56,601.60	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,714.77	
11 41 23 00-0104	EA		10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	60,447.81	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,556.97	
11 41 23 00-0105	EA		10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	64,504.30	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,451.18	
11 41 23 00-0106	EA		10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	68,373.81	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,297.96	



<b>Equipment</b>	<b>11</b>
<b>Foodservice Equipment</b>	<b>11 40</b>
<b>Foodservice Storage Equipment</b>	<b>11 41</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0107	EA		10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	72,669.80	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,192.94	
11 41 23 00-0108	EA		10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	76,745.12	6,374.00
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,035.13	
11 41 23 00-0109	EA		12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,708.76	2,693.24
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,279.44	
11 41 23 00-0110	EA		12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,151.53	3,052.34
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,270.80	
11 41 23 00-0111	EA		12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,325.70	3,411.44
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,194.08	
11 41 23 00-0112	EA		12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	53,748.08	3,770.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,180.85	
11 41 23 00-0113	EA		12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	57,942.50	4,129.63
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,108.71	
11 41 23 00-0114	EA		12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	62,363.84	4,488.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,094.72	
11 41 23 00-0115	EA		12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	66,530.58	4,847.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,017.99	
11 41 23 00-0116	EA		12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	70,978.74	5,206.93
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,009.35	
11 41 23 00-0117	EA		12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	75,274.61	5,655.81
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,932.63	
11 41 23 00-0118	EA		12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	79,939.06	6,194.45
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,919.40	
11 41 23 00-0119	EA		12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	84,366.52	6,733.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,847.27	
11 41 23 00-0120	EA		12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	89,020.98	7,271.75
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,833.27	
11 41 23 00-0121	EA		12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	93,424.79	7,810.40
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,756.55	
11 41 23 00-0122			<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0123	EA		14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	53,503.76	3,231.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,298.65	
11 41 23 00-0124	EA		14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	58,607.70	3,590.99
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,455.99	
11 41 23 00-0125	EA		14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	64,020.69	3,950.08
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,687.54	
11 41 23 00-0126	EA		14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	69,125.14	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,845.66	
11 41 23 00-0127	EA		14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	74,510.40	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,072.61	
11 41 23 00-0128	EA		14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	79,640.86	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,235.32	
11 41 23 00-0129	EA		14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	85,031.06	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-19,462.27	
11 41 23 00-0130	EA		14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	90,379.61	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,620.39	
11 41 23 00-0131	EA		14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	96,012.34	6,463.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-21,851.94	
11 41 23 00-0132	EA		14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	101,388.66	7,002.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-23,009.28	
11 41 23 00-0133	EA		14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	106,997.43	7,541.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,237.01	

**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0134	EA		14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	112,368.73	8,079.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-25,398.94	
<b>11 41 23 00-0135</b>			<b>Walk-In Refrigerated Unit, 8'6" High With Floor</b> <small>(11 41 23 00-0001)</small>		
			Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136	EA		16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	64,239.94	3,770.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,803.81	
11 41 23 00-0137	EA		16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	70,043.79	4,129.63
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,134.04	
11 41 23 00-0138	EA		16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	75,768.58	4,488.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,445.90	
11 41 23 00-0139	EA		16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	81,581.47	4,847.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,780.72	
11 41 23 00-0140	EA		16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	87,311.66	5,206.93
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,092.58	
11 41 23 00-0141	EA		16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	93,235.31	5,655.81
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-21,422.81	
11 41 23 00-0142	EA		16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	99,218.51	6,194.45
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-22,739.26	
11 41 23 00-0143	EA		16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	105,255.40	6,733.10
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,069.49	
11 41 23 00-0144	EA		16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	111,213.31	7,271.75
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-25,381.35	
11 41 23 00-0145	EA		16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	117,263.26	7,810.40
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-26,716.16	
11 41 23 00-0146	EA		18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	75,012.09	4,309.18
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,317.39	
11 41 23 00-0147	EA		18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	81,094.97	4,668.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-18,718.76	
11 41 23 00-0148	EA		18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	87,391.20	5,027.38
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-20,172.90	
11 41 23 00-0149	EA		18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	93,463.72	5,386.48
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-21,570.44	
11 41 23 00-0150	EA		18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	100,011.68	5,925.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-23,028.41	
11 41 23 00-0151	EA		18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	106,308.38	6,463.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-24,425.95	
11 41 23 00-0152	EA		18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	112,871.88	7,002.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-25,880.09	
11 41 23 00-0153	EA		18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	119,175.22	7,541.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-27,281.45	
11 41 23 00-0154	EA		18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	125,715.34	8,079.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-28,735.60	
11 41 23 00-0155	EA		18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	132,242.27	8,738.07
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-30,133.13	
<b>11 41 23 00-0156</b>			<b>Walk-In Refrigerated Unit Metal Price Add-Ons</b> <small>(11 41 23 00-0001)</small>		
11 41 23 00-0157	SF		Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume® .....	1.30	
11 41 23 00-0158	SF		Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume® .....	2.41	
11 41 23 00-0159	SF		Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume® .....	3.38	
11 41 23 00-0160	SF		Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume® .....	23.87	
11 41 23 00-0161	SF		Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume® .....	31.21	
11 41 23 00-0162	SF		Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume® .....	3.85	
11 41 23 00-0163	SF		Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume® .....	9.47	
11 41 23 00-0164	SF		Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume® .....	12.24	
11 41 23 00-0165	SF		Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume® .....	12.85	
11 41 23 00-0166	SF		Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor .....	-17.26	
11 41 23 00-0167	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor .....	7.20	
11 41 23 00-0168	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor .....	18.68	
11 41 23 00-0169	SF		Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor .....	16.38	



<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	↑
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0170 SF Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor.....	53.09	
<b>11 41 23 00-0171 Air-Cooled Condensing Units For Walk-In Coolers And Freezers (11 41 23)</b>		
<b>11 41 23 00-0172 Medium Temperature Hermetic System, Indoor (11 41 23 00-0171)</b>		
Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0173 208/230 Volt, 1 Phase (11 41 23 00-0172)</b>		
Note: Pre-Assembled indoor R404a.		
11 41 23 00-0174 EA 1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,908.73	158.93
11 41 23 00-0175 EA 3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,177.56	185.42
11 41 23 00-0176 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,966.45	211.90
11 41 23 00-0177 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,431.50	238.40
11 41 23 00-0178 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,084.28	264.88
11 41 23 00-0179 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,954.30	317.86
11 41 23 00-0180 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,829.88	370.83
11 41 23 00-0181 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,607.88	423.81
<b>11 41 23 00-0182 208/230 Volt, 3 Phase (11 41 23 00-0172)</b>		
Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,975.04	211.90
11 41 23 00-0184 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,431.50	238.40
11 41 23 00-0185 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,161.55	264.88
11 41 23 00-0186 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,862.32	317.86
11 41 23 00-0187 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,829.88	370.83
11 41 23 00-0188 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,501.17	423.81
<b>11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor (11 41 23 00-0171)</b>		
Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0190 208/230 Volt, 1 Phase (11 41 23 00-0189)</b>		
Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191 EA 1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,209.15	158.93
11 41 23 00-0192 EA 3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,634.55	185.42
11 41 23 00-0193 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,344.60	211.90
11 41 23 00-0194 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,569.28	238.40
11 41 23 00-0195 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,978.32	264.88
11 41 23 00-0196 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,809.80	317.86
11 41 23 00-0197 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,101.30	370.83
11 41 23 00-0198 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,738.80	423.81
<b>11 41 23 00-0199 208/230 Volt, 3 Phase (11 41 23 00-0189)</b>		
Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,308.90	211.90
11 41 23 00-0201 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,583.75	238.40
11 41 23 00-0202 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,053.58	264.88
11 41 23 00-0203 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,738.40	317.86
11 41 23 00-0204 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,123.49	370.83
11 41 23 00-0205 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,650.04	423.81
<b>11 41 23 00-0206 Low Temperature Hermetic System, Indoor (11 41 23 00-0171)</b>		
Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0207 208/230 Volt, 1 Phase (11 41 23 00-0206)</b>		
Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,584.55	158.93
11 41 23 00-0209 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,783.46	185.42
11 41 23 00-0210 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,052.31	211.90
11 41 23 00-0211 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,458.49	238.40
11 41 23 00-0212 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,024.18	264.88
11 41 23 00-0213 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,291.60	317.86
<b>11 41 23 00-0214 208/230 Volt, 3 Phase (11 41 23 00-0206)</b>		
Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,060.90	211.90
11 41 23 00-0216 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,458.49	238.40
11 41 23 00-0217 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,103.91	264.88
11 41 23 00-0218 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,203.29	317.86
<b>11 41 23 00-0219 Low Temperature Hermetic System, Outdoor (11 41 23 00-0171)</b>		
Note: Consists of air-cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		



11	<b>11 Equipment</b>
	<b>11 40 Foodservice Equipment</b>
	<b>11 41 Foodservice Storage Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 41 23 00-0220 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,956.92	158.93
11 41 23 00-0222 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,032.07	185.42
11 41 23 00-0223 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,305.04	211.90
11 41 23 00-0224 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,750.67	238.40
11 41 23 00-0225 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,274.54	264.88
11 41 23 00-0226 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,063.56	317.86
<b>11 41 23 00-0227 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,479.68	211.90
11 41 23 00-0229 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,836.55	238.40
11 41 23 00-0230 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,344.01	264.88
11 41 23 00-0231 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,993.12	317.86
<b>11 41 23 00-0232 Medium Temperature Semi-Hermetic System, Indoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0233 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,338.09	211.90
11 41 23 00-0235 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	14,536.81	423.81
<b>11 41 23 00-0236 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,343.00	211.90
11 41 23 00-0238 EA 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,786.69	264.88
11 41 23 00-0239 EA 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,975.22	317.86
11 41 23 00-0240 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	14,336.89	423.81
<b>11 41 23 00-0241 Medium Temperature Semi-Hermetic System, Outdoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0242 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,562.65	211.90
11 41 23 00-0244 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	13,716.92	423.81
<b>11 41 23 00-0245 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,572.30	211.90
11 41 23 00-0247 EA 2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,579.43	264.88
11 41 23 00-0248 EA 3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,464.13	317.86
11 41 23 00-0249 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	12,396.03	423.81
<b>11 41 23 00-0250 Low Temperature Semi-Hermetic System, Indoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0251 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252 EA 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,496.07	185.42
11 41 23 00-0253 EA 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,934.18	211.90
11 41 23 00-0254 EA 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,141.27	238.40
11 41 23 00-0255 EA 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,436.75	264.88
11 41 23 00-0256 EA 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,938.04	317.86
<b>11 41 23 00-0257 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258 EA 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,461.73	185.42
11 41 23 00-0259 EA 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,929.27	211.90



<b>Equipment</b>	<b>11</b>
<b>Foodservice Equipment</b>	<b>11 40</b>
<b>Foodservice Storage Equipment</b>	<b>11 41</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0260 EA 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,094.67	238.40
11 41 23 00-0261 EA 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,355.80	264.88
11 41 23 00-0262 EA 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,507.53	317.86
11 41 23 00-0263 EA 4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	16,121.08	370.83
11 41 23 00-0264 EA 6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	16,966.95	476.79
11 41 23 00-0265 EA 7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	24,512.03	556.25
<b>11 41 23 00-0266 Low Temperature Semi-Hermetic System, Outdoor</b> <small>(11 41 23 00-0171)</small> Note: Consists of air-cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
<b>11 41 23 00-0267 208/230 Volt, 1 Phase</b> <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268 EA 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,713.26	185.42
11 41 23 00-0269 EA 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,991.05	211.90
11 41 23 00-0270 EA 1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,970.26	238.40
11 41 23 00-0271 EA 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,007.42	264.88
11 41 23 00-0272 EA 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,029.54	317.86
<b>11 41 23 00-0273 208/230 Volt, 3 Phase</b> <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274 EA 3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,628.35	185.42
11 41 23 00-0275 EA 1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,994.91	211.90
11 41 23 00-0276 EA 1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,955.78	238.40
11 41 23 00-0277 EA 2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,936.03	264.88
11 41 23 00-0278 EA 3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,723.68	317.86
11 41 23 00-0279 EA 4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	14,167.78	370.83
11 41 23 00-0280 EA 6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	14,963.27	476.79
11 41 23 00-0281 EA 7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	21,044.56	556.25
<b>11 41 23 00-0282 Walk-In Refrigerated Boxes Accessories</b> <small>(11 41 23)</small> See CSI section 08 71 00 00-0000 for additional door accessories.		
<b>11 41 23 00-0283 Accessories</b> <small>(11 41 23 00-0282)</small>		
11 41 23 00-0284 EA Super Door Package, For 36" Or 42" Door.....	1,425.91	
11 41 23 00-0285 EA Super Door Package, For 48" Door.....	2,004.21	
11 41 23 00-0286 EA Super Door Package, For 60" Door.....	2,004.21	
11 41 23 00-0287 EA 14" x 24" Observation Window, Heated.....	2,382.57	
11 41 23 00-0288 EA Heated Air Vent, Kason.....	776.20	
11 41 23 00-0289 EA Heated Air Vent, Bally Polyvinyl Chloride (PVC).....	2,015.40	
11 41 23 00-0290 EA Interior Ramps For 36" Or 42" Wide Doors.....	3,026.46	
11 41 23 00-0291 EA Interior Ramps For 48" Wide Doors.....	3,317.13	
11 41 23 00-0292 EA Interior Ramps For 60" Wide Doors.....	3,653.71	
11 41 23 00-0293 EA Exterior Ramps For 36" Or 42" Wide Doors.....	1,172.25	
11 41 23 00-0294 EA Exterior Ramps For 48" Wide Doors.....	2,224.80	
11 41 23 00-0295 EA Exterior Ramps For 60" Wide Doors.....	2,224.80	
11 41 23 00-0296 EA Field Installed Extra Vapor-Proof Lights.....	221.34	
11 41 23 00-0297 EA Field Installed Fluorescent Lights, 48", 2 Tubes.....	1,313.67	
11 41 23 00-0298 EA Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted).....	2,996.53	
11 41 23 00-0299 EA Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted).....	3,152.57	
11 41 23 00-0300 EA Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted).....	1,466.66	
11 41 23 00-0301 EA Locking Devices, 36" Or 42" Wide Locking Bar.....	796.57	
11 41 23 00-0302 EA Locking Devices, 48" Wide Locking Bar.....	918.96	
11 41 23 00-0303 EA Locking Devices, 60" Wide Locking Bar.....	918.96	
11 41 23 00-0304 EA Locking Devices, Mortise Dead Bolt (Cooler).....	1,690.02	
11 41 23 00-0305 EA Locking Devices, Mortise Dead Bolt (Freezer).....	2,093.90	
11 41 23 00-0306 EA Blast Freezer Kit, For 36" Or 42" Wide Doors.....	3,405.87	
11 41 23 00-0307 EA Blast Freezer Kit, For 48" Wide Doors.....	3,601.69	
11 41 23 00-0308 EA Blast Freezer Kit, For 60" Wide Doors.....	3,705.72	
11 41 23 00-0309 EA Hardware Options, Polished For 36" Or 42" Door.....	168.29	
11 41 23 00-0310 EA Hardware Options, Polished For 48" Or 60" Door.....	137.69	
11 41 23 00-0311 EA Hardware Options, Chrome For 36" Or 42" Door.....	425.30	
11 41 23 00-0312 EA Hardware Options, Chrome For 48" Or 60" Door.....	229.48	
11 41 23 00-0313 EA Hardware Options, Positive Latch, 36" Or 42" Door.....	519.49	
11 41 23 00-0314 EA Hardware Options, Strap Hinges, 36" Or 42" Door.....	372.62	
11 41 23 00-0315 EA 4" Scream Door.....	904.71	
11 41 23 00-0316 EA Doors Cut For Tile.....	1,125.01	
11 41 23 00-0317 EA 84" High Doors (36" Wide).....	1,125.01	
11 41 23 00-0318 EA Doors Raised Or Lowered In Panel.....	2,743.62	
11 41 23 00-0319 EA 57-1/2" Door Section.....	669.11	



**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0320	EA		3 Way, Interior And Exterior, Light Switches.....	628.29	
11 41 23 00-0321	EA		3 Way (1 Side Only) Light Switch .....	317.14	
11 41 23 00-0322	EA		Structural Support, 5" Reinforcing Ceilings (Every 23") .....	595.31	
11 41 23 00-0323	EA		Structural Support, 6" Reinforcing Ceilings (Every 23") .....	766.65	
11 41 23 00-0324	LF		Structural Support, Self-Supporting Standard Angle.....	79.35	
11 41 23 00-0325	LF		Structural Support, Self-Supporting 6" Channel.....	104.60	
11 41 23 00-0326	LF		Structural Support, Self-Supporting 8" Channel.....	154.32	
11 41 23 00-0327	LF		Structural Support, Self-Supporting 10" Channel.....	249.93	
11 41 23 00-0328	LF		Structural Support, Suspended Ceiling Support .....	42.40	
11 41 23 00-0329	LF		Factory Prepared Opening, Foam Cut Opening .....	8.31	
11 41 23 00-0330	LF		Factory Prepared Opening, Metal Capped Opening.....	53.55	
11 41 23 00-0331	LF		Factory Prepared Opening, Wood Framed Opening .....	19.50	
11 41 23 00-0332	LF		Factory Prepared Opening, Metal Capped Wood Framed Opening .....	82.61	
11 41 23 00-0333	LF		Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer) .....	101.88	
11 41 23 00-0334	SF		Outdoor Weather Roofs, Aluminum Roof Caps .....	41.07	
11 41 23 00-0335	SF		Outdoor Weather Roofs, Membrane Roof Caps .....	16.83	
11 41 23 00-0336	SF		Outdoor Weather Roofs, Painted Aluminum Roofs.....	51.01	
11 41 23 00-0337	SF		1/8" Aluminum Tread Plate .....	98.42	
11 41 23 00-0338	SF		3/16" Aluminum Tread Plate .....	120.04	
11 41 23 00-0339	EA		Digitemp Display Thermometer (Indoor Exterior Wall).....	650.65	
11 41 23 00-0340	EA		4-1/2" Dial Type Thermometer With 5' Cap Tube .....	580.28	
11 41 23 00-0341	EA		6" Dial Type Thermometer With 5' Cap Tube .....	1,960.22	
11 41 23 00-0342	EA		2" Dial Type Thermometer (Standard).....	176.39	
11 41 23 00-0343	LF		Extra Capillary Tubing.....	25.83	
11 41 23 00-0344			<b>Partition Wall For Walk-In Refrigerated Boxes</b> <small>(11 41 23 00-0282)</small>		
			Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.		
11 41 23 00-0345	EA		5'-10" Length Partition Wall, 7'-2"/7'-6" High .....	7,083.68	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	348.20	
11 41 23 00-0346	EA		6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	7,719.97	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	379.71	
11 41 23 00-0347	EA		7'-9" Length Partition Wall, 7'-2"/7'-6" High .....	7,940.13	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	390.42	
11 41 23 00-0348	EA		8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	8,588.68	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	422.55	
11 41 23 00-0349	EA		9'-8" Length Partition Wall, 7'-2"/7'-6" High .....	8,404.95	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	413.07	
11 41 23 00-0350	EA		10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	9,038.18	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	444.43	
11 41 23 00-0351	EA		11'-7" Length Partition Wall, 7'-2"/7'-6" High .....	9,227.75	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	453.61	
11 41 23 00-0352	EA		12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	10,130.24	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	498.43	
11 41 23 00-0353	EA		13'-6" Length Partition Wall, 7'-2"/7'-6" High .....	9,726.23	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	477.93	
11 41 23 00-0354	EA		14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	10,362.51	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	509.45	
11 41 23 00-0355	EA		15'-5" Length Partition Wall, 7'-2"/7'-6" High .....	10,597.98	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	520.92	
11 41 23 00-0356	EA		16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High .....	11,237.34	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	552.59	
11 41 23 00-0357	EA		17'-4" Length Partition Wall, 7'-2"/7'-6" High .....	12,963.25	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	638.59	
11 41 23 00-0358	EA		5'-10" Length Partition Wall, 8'-2"/8'-6" High .....	7,738.47	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	380.94	
11 41 23 00-0359	EA		6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High .....	8,276.84	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	407.56	
11 41 23 00-0360	EA		7'-9" Length Partition Wall, 8'-2"/8'-6" High .....	8,536.78	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	420.26	
11 41 23 00-0361	EA		8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High .....	9,255.70	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	455.90	
11 41 23 00-0362	EA		9'-8" Length Partition Wall, 8'-2"/8'-6" High .....	9,035.26	
			Note: Galvalume both sides.		
			For Embossed White Instead Of Galvalume® On Both Sides, Add	444.58	



<b>Equipment</b>	<b>11</b>	
Foodservice Equipment	11 40	↑
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0363	EA		10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	9,751.10	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	480.07	
11 41 23 00-0364	EA		11'-7" Length Partition Wall, 8'-2"/8'-6" High.....	10,014.11	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	492.93	
11 41 23 00-0365	EA		12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	10,729.95	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	528.42	
11 41 23 00-0366	EA		13'-6" Length Partition Wall, 8'-2"/8'-6" High.....	10,509.53	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	517.10	
11 41 23 00-0367	EA		14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	11,225.36	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	552.59	
11 41 23 00-0368	EA		15'-5" Length Partition Wall, 8'-2"/8'-6" High.....	11,488.37	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	565.44	
11 41 23 00-0369	EA		16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High.....	12,204.22	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	600.93	
11 41 23 00-0370	EA		17'-4" Length Partition Wall, 8'-2"/8'-6" High.....	11,983.77	
			Note: Galvalume both sides.		
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	589.61	
<b>11 41 23 00-0371</b>			<b>Glass Doors For Walk-In Refrigerated Boxes</b> <small>(11 41 23 00-0282)</small>		
			Note: Factory installed, includes lights and 5 tier shelves.		
11 41 23 00-0372	EA		23" x 67" Glass Door, Displayrite, Coolrite Model.....	3,038.33	
11 41 23 00-0373	EA		23" x 73" Glass Door, Displayrite, Coolrite Model.....	3,319.82	
11 41 23 00-0374	EA		30" x 67" Glass Door, Displayrite, Coolrite Model.....	3,347.36	
11 41 23 00-0375	EA		30" x 73" Glass Door, Displayrite, Coolrite Model.....	3,702.29	
11 41 23 00-0376	EA		23" x 67" Glass Door, Displayrite, Freezerite Model.....	4,063.34	
11 41 23 00-0377	EA		23" x 73" Glass Door, Displayrite, Freezerite Model.....	4,320.36	
11 41 23 00-0378	EA		30" x 67" Glass Door, Displayrite, Freezerite Model.....	4,335.66	
11 41 23 00-0379	EA		30" x 73" Glass Door, Displayrite, Freezerite Model.....	5,045.52	
11 41 23 00-0380	EA		24" x 67" Glass Door, Anthony Model 101.....	4,130.66	
11 41 23 00-0381	EA		26" x 67" Glass Door, Anthony Model 101.....	5,115.89	
11 41 23 00-0382	EA		30" x 67" Glass Door, Anthony Model 101.....	5,461.64	
11 41 23 00-0383	EA		30x75 Glass Door, Anthony Model 101.....	5,577.92	
11 41 23 00-0384	EA		24" x 67" Glass Door, Anthony Model 101.....	6,290.84	
11 41 23 00-0385	EA		26" x 67" Glass Door, Anthony Model 101.....	6,982.34	
11 41 23 00-0386	EA		30" x 67" Glass Door, Anthony Model 101.....	7,110.85	
11 41 23 00-0387	EA		30" x 75" Glass Door, Anthony Model 101.....	7,585.11	
11 41 23 00-0388	EA		23" x 67" Glass Door, Anthony Model 401.....	3,261.69	
11 41 23 00-0389	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	3,436.09	
11 41 23 00-0390	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	4,620.21	
11 41 23 00-0391	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	3,962.37	
11 41 23 00-0392	EA		23" x 67" Glass Door, Anthony Model 401.....	4,399.91	
11 41 23 00-0393	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	4,604.92	
11 41 23 00-0394	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	4,620.21	
11 41 23 00-0395	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	5,501.42	
<b>11 41 23 00-0396</b>			<b>Modular Wire Shelving For Walk-In Refrigerated Boxes</b> <small>(11 41 23 00-0282)</small>		
11 41 23 00-0397	EA		14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,032.17	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0398	EA		14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,087.12	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0399	EA		14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,215.50	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0400	EA		14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,282.67	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0401	EA		14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,392.55	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0402	EA		18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,197.27	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0403	EA		18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,224.68	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0404	EA		18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,356.11	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0405	EA		18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,417.17	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0406	EA		18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,621.90	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0407	EA		21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,307.29	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0408	EA		21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,319.39	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0409	EA		21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,512.02	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0410	EA		21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,518.00	
			<i>For Cantilever Shelving, Add</i>	402.00	

**11 Equipment**  
**11 40 Foodservice Equipment**  
**11 41 Foodservice Storage Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0411	EA		21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,753.32 402.00	
11 41 23 00-0412	EA		14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	873.06 402.00	
11 41 23 00-0413	EA		14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	915.77 402.00	
11 41 23 00-0414	EA		14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,007.43 402.00	
11 41 23 00-0415	EA		14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,025.65 402.00	
11 41 23 00-0416	EA		14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,172.25 402.00	
11 41 23 00-0417	EA		18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	964.73 402.00	
11 41 23 00-0418	EA		18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,034.97 402.00	
11 41 23 00-0419	EA		18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,096.03 402.00	
11 41 23 00-0420	EA		18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,108.14 402.00	
11 41 23 00-0421	EA		18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,312.86 402.00	
11 41 23 00-0422	EA		21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,062.51 402.00	
11 41 23 00-0423	EA		21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,102.15 402.00	
11 41 23 00-0424	EA		21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,184.63 402.00	
11 41 23 00-0425	EA		21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,227.33 402.00	
11 41 23 00-0426	EA		21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	1,438.17 402.00	
11 41 23 00-0427	EA		14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,501.86 402.00	
11 41 23 00-0428	EA		14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,792.21 402.00	
11 41 23 00-0429	EA		14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,847.22 402.00	
11 41 23 00-0430	EA		14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,902.23 402.00	
11 41 23 00-0431	EA		14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,512.32 402.00	
11 41 23 00-0432	EA		18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,625.52 402.00	
11 41 23 00-0433	EA		18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,788.39 402.00	
11 41 23 00-0434	EA		18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,088.53 402.00	
11 41 23 00-0435	EA		18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,212.18 402.00	
11 41 23 00-0436	EA		18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,930.12 402.00	
11 41 23 00-0437	EA		21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	2,837.42 402.00	
11 41 23 00-0438	EA		21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,098.33 402.00	
11 41 23 00-0439	EA		21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,398.48 402.00	
11 41 23 00-0440	EA		21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	3,522.13 402.00	
11 41 23 00-0441	EA		21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts ..... <i>For Cantilever Shelving, Add</i>	4,475.39 402.00	
11 41 23 00-0442	EA		14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,215.36 472.00	
11 41 23 00-0443	EA		14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,313.14 472.00	
11 41 23 00-0444	EA		14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,426.21 472.00	
11 41 23 00-0445	EA		14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,530.10 472.00	
11 41 23 00-0446	EA		14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,658.35 472.00	
11 41 23 00-0447	EA		18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,450.83 472.00	
11 41 23 00-0448	EA		18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,484.35 472.00	
11 41 23 00-0449	EA		18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,643.31 472.00	
11 41 23 00-0450	EA		18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,722.73 472.00	
11 41 23 00-0451	EA		18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,973.37 472.00	
11 41 23 00-0452	EA		21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts ..... <i>For Cantilever Shelving, Add</i>	1,585.32 472.00	



<b>Equipment</b>	<b>11</b>	
<b>Foodservice Equipment</b>	<b>11 40</b>	11
<b>Foodservice Storage Equipment</b>	<b>11 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0453	EA		21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,634.13 472.00	
11 41 23 00-0454	EA		21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,814.52 472.00	
11 41 23 00-0455	EA		21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,851.12 472.00	
11 41 23 00-0456	EA		21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	2,132.33 472.00	
11 41 23 00-0457	EA		14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,022.59 472.00	
11 41 23 00-0458	EA		14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,074.48 472.00	
11 41 23 00-0459	EA		14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,187.55 472.00	
11 41 23 00-0460	EA		14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,208.83 472.00	
11 41 23 00-0461	EA		14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,389.10 472.00	
11 41 23 00-0462	EA		18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,163.21 472.00	
11 41 23 00-0463	EA		18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,245.69 472.00	
11 41 23 00-0464	EA		18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,429.13 472.00	
11 41 23 00-0465	EA		18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,410.63 472.00	
11 41 23 00-0466	EA		18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,581.72 472.00	
11 41 23 00-0467	EA		21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,282.40 472.00	
11 41 23 00-0468	EA		21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,331.22 472.00	
11 41 23 00-0469	EA		21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,435.11 472.00	
11 41 23 00-0470	EA		21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,483.95 472.00	
11 41 23 00-0471	EA		21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,746.81 472.00	
11 41 23 00-0472	EA		14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,054.21 472.00	
11 41 23 00-0473	EA		14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,415.64 472.00	
11 41 23 00-0474	EA		14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,482.90 472.00	
11 41 23 00-0475	EA		14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,550.17 472.00	
11 41 23 00-0476	EA		14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,309.80 472.00	
11 41 23 00-0477	EA		18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,207.28 472.00	
11 41 23 00-0478	EA		18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,409.36 472.00	
11 41 23 00-0479	EA		18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,783.04 472.00	
11 41 23 00-0480	EA		18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,936.10 472.00	
11 41 23 00-0481	EA		18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,830.55 472.00	
11 41 23 00-0482	EA		21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,470.65 472.00	
11 41 23 00-0483	EA		21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,795.30 472.00	
11 41 23 00-0484	EA		21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,168.98 472.00	
11 41 23 00-0485	EA		21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,322.05 472.00	
11 41 23 00-0486	EA		21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	5,510.65 472.00	

## 11 50 Educational and Scientific Equipment <sup>(11)</sup>

### 11 52 Audio-Visual Equipment <sup>(11 50)</sup>

#### 11 52 13 Projection Screens <sup>(11 52)</sup>

##### 11 52 13 13 Fixed Projection Screens <sup>(11 52 13)</sup>

11 52 13 13-0001 Screens <sup>(11 52 13 13)</sup>

11 52 13 13-0002 Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B)

<sup>(11 52 13 13-0001)</sup>

**11 Equipment****11 50 Educational and Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0003	EA		40" x 40" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	385.97 40.00 40.00 120.00	83.29
11 52 13 13-0004	EA		50" x 50" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	459.41 40.00 40.00 120.00	107.08
11 52 13 13-0005	EA		60" x 60" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	580.43 40.00 40.00 120.00	148.72
11 52 13 13-0006	EA		70" x 70" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	671.73 40.00 40.00 120.00	178.46
11 52 13 13-0007	EA		84" x 84" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,040.97 40.00 40.00 120.00	267.70
11 52 13 13-0008	EA		96" x 96" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,227.64 40.00 40.00 120.00	297.44
11 52 13 13-0009	EA		64" x 84" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	886.30 40.00 40.00 120.00	190.36
11 52 13 13-0010	EA		72" x 96" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,013.28 40.00 40.00 120.00	237.96
11 52 13 13-0011	EA		43" x 57" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	548.85 40.00 40.00 120.00	101.13
11 52 13 13-0012	EA		50" x 67" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	759.33 40.00 40.00 120.00	142.77
11 52 13 13-0013	EA		55" x 77" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	826.81 40.00 40.00 120.00	160.62
11 52 13 13-0014	EA		60" x 80" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	882.40 40.00 40.00 120.00	172.51
11 52 13 13-0015	EA		69" x 92" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,017.38 40.00 40.00 120.00	208.21
11 52 13 13-0016	EA		45" x 80" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	834.81 40.00 40.00 120.00	148.72
11 52 13 13-0017	EA		52" x 92" Pull Down Projection Screen (Da-Lite B) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	945.99 40.00 40.00 120.00	172.51
11 52 13 13-0018			<b>Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C)</b> <small>(11 52 13 13-0001)</small>		
11 52 13 13-0019	EA		50" x 50" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	904.56 40.00 40.00 120.00	107.08
11 52 13 13-0020	EA		60" x 60" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,057.39 40.00 40.00 120.00	148.72
11 52 13 13-0021	EA		70" x 70" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,228.06 40.00 40.00 120.00	202.26
11 52 13 13-0022	EA		84" x 84" Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,422.54 40.00 40.00 120.00	267.70
11 52 13 13-0023	EA		6' x 8' Pull Down Projection Screen (Da-Lite C) <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,561.62 40.00 40.00 120.00	273.65





	<b>Equipment</b>	<b>11</b>
	<b>Educational and Scientific Equipment</b>	<b>11 50</b>
	<b>Audio-Visual Equipment</b>	<b>11 52</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0024	EA		8' x 8' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,672.80 40.00 40.00 120.00	297.44
11 52 13 13-0025	EA		7' x 9' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,704.60 40.00 40.00 120.00	297.44
11 52 13 13-0026	EA		9' x 9' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,835.68 40.00 40.00 120.00	315.29
11 52 13 13-0027	EA		8' x 10' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,966.78 40.00 40.00 120.00	333.13
11 52 13 13-0028	EA		10' x 10' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,109.75 40.00 40.00 120.00	356.94
11 52 13 13-0029	EA		9' x 12' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,364.12 40.00 40.00 120.00	356.94
11 52 13 13-0030	EA		12' x 12' Pull Down Projection Screen (Da-Lite C)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,729.27 40.00 40.00 120.00	475.91
<b>11 52 13 13-0031</b>			<b>Heavy-Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR)</b> <small>(11 52 13 13-0001)</small> Note: With controlled screen return.		
11 52 13 13-0032	EA		60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,693.33 40.00 40.00 120.00	148.72
11 52 13 13-0033	EA		70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	1,895.80 40.00 40.00 120.00	202.26
11 52 13 13-0034	EA		84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,090.27 40.00 40.00 120.00	267.70
11 52 13 13-0035	EA		6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,197.56 40.00 40.00 120.00	273.65
11 52 13 13-0036	EA		8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,340.54 40.00 40.00 120.00	297.44
11 52 13 13-0037	EA		7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,372.33 40.00 40.00 120.00	297.44
11 52 13 13-0038	EA		9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,503.41 40.00 40.00 120.00	315.29
11 52 13 13-0039	EA		8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,559.02 40.00 40.00 120.00	327.18
11 52 13 13-0040	EA		10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	2,872.88 40.00 40.00 120.00	356.94
11 52 13 13-0041	EA		9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	3,159.05 40.00 40.00 120.00	356.94
11 52 13 13-0042	EA		12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR)..... <i>For High Contrast Matte, Add</i> <i>For Video Spectra Fabric, Add</i> <i>For High Power Fabric, Add</i>	3,587.79 40.00 40.00 120.00	475.91
<b>11 52 13 13-0043</b>			<b>Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol)</b> <small>(11 52 13 13-0001)</small> Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA		50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,559.38	133.84
11 52 13 13-0045	EA		60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,616.47	148.72
11 52 13 13-0046	EA		70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol).....	2,727.92	178.46



**11 Equipment****11 50 Educational and Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0047	EA		84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,141.57	267.70
11 52 13 13-0048	EA		6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,219.10	273.65
11 52 13 13-0049	EA		8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,417.09	297.44
11 52 13 13-0050	EA		7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,485.46	297.44
11 52 13 13-0051	EA		9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,658.36	318.27
11 52 13 13-0052	EA		8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	3,871.35	333.13
11 52 13 13-0053	EA		10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	4,009.17	356.94
11 52 13 13-0054	EA		9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	4,132.24	356.94
11 52 13 13-0055	EA		12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol) .....	4,583.50	475.91

**11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) <sup>(11 52 13 13-0001)</sup>**

Note: Heavy-duty screen for exposed or recessed installation without doors.

11 52 13 13-0057	EA		9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	6,116.17	356.94
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058	EA		12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	6,608.51	475.91
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059	EA		14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	8,190.15	535.40
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060	EA		12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	8,627.09	594.88
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061	EA		16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	9,183.02	713.86
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062	EA		13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	10,255.90	773.35
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063	EA		18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	11,233.40	832.84
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064	EA		15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	11,869.34	832.84
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065	EA		20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	12,775.02	951.82
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0066	EA		11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	11,845.75	773.35
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0067	EA		16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol).....	12,520.65	951.82
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0068	EA		22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	13,076.58	1,070.80
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0069	EA		12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	12,600.67	832.84
			Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0070	EA		18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol) .....	16,256.28	1,070.80
			Note: Heavy-duty screen for exposed or recessed installation without doors.		

**11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) <sup>(11 52 13 13-0001)</sup>**

Note: In-the-ceiling screen with automatically operated door to conceal screen.

11 52 13 13-0072	EA		50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) .....	5,670.01	133.84
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0073	EA		60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) .....	5,795.14	148.72
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0074	EA		70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) .....	5,918.24	178.46
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0075	EA		84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol) .....	6,319.27	267.70
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0076	EA		6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	6,394.77	273.65
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0077	EA		8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	6,633.13	297.44
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0078	EA		7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	6,823.91	297.44
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0079	EA		9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	6,960.94	318.27
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0080	EA		8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	7,149.69	333.13
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0081	EA		10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	7,324.46	356.94
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0082	EA		9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	7,388.05	356.94
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0083	EA		12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	7,943.98	475.91
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0084	EA		10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	8,512.22	505.66
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0085	EA		14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	8,889.68	535.40
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0086	EA		12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	9,708.19	594.88
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0087	EA		16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol).....	10,105.13	713.86
			Note: In-the-ceiling screen with automatically operated door to conceal screen.		



<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Audio-Visual Equipment</b>	<b>11 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

11 52 13 13-0088	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) <small>(11 52 13 13-0001)</small>		
Note: In-the-ceiling screen with automatically operated door to conceal screen.			
11 52 13 13-0089	EA 50" x 50" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	4,703.38	133.84
11 52 13 13-0090	EA 60" x 60" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	4,807.38	163.60
11 52 13 13-0091	EA 70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	4,865.75	178.46
11 52 13 13-0092	EA 84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,136.43	267.70
11 52 13 13-0093	EA 6' x 8' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,176.94	273.65
11 52 13 13-0094	EA 8' x 8' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,345.35	297.44
11 52 13 13-0095	EA 7' x 9' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,513.88	297.44
11 52 13 13-0096	EA 9' x 9' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,781.27	318.27
11 52 13 13-0097	EA 8' x 10' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,855.55	333.13
11 52 13 13-0098	EA 10' x 10' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	6,039.86	356.94
11 52 13 13-0099	EA 9' x 12' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	6,031.65	416.42
11 52 13 13-0100	EA 12' x 12' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	6,595.79	475.91
11 52 13 13-0101	EA 10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	8,238.77	505.66
11 52 13 13-0102	EA 14' x 14' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	8,600.33	535.40
11 52 13 13-0103	EA 12' x 16' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	9,307.54	594.88
11 52 13 13-0104	EA 16' x 16' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	9,679.05	713.86
11 52 13 13-0105	EA 13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	10,545.25	773.35
11 52 13 13-0106	EA 18' x 18' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	11,195.24	832.84
11 52 13 13-0107	EA 15' x 20' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	11,659.48	832.84
11 52 13 13-0108	EA 20' x 20' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	12,889.49	951.82
11 52 13 13-0109	EA 50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	4,865.75	178.46
11 52 13 13-0110	EA 60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,076.94	237.96
11 52 13 13-0111	EA 69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,165.04	267.70
11 52 13 13-0112	EA 87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,887.35	333.13
11 52 13 13-0113	EA 105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	6,295.56	416.42
11 52 13 13-0114	EA 123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	7,802.22	535.40
11 52 13 13-0115	EA 141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	8,281.83	654.38
11 52 13 13-0116	EA 12' x 24' Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	14,589.31	892.33
11 52 13 13-0117	EA 45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,092.83	237.96
11 52 13 13-0118	EA 52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,212.74	267.70
11 52 13 13-0119	EA 54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,340.64	285.55
11 52 13 13-0120	EA 58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,416.85	309.34
11 52 13 13-0121	EA 65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	5,734.72	333.13
11 52 13 13-0122	EA 78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	6,174.74	416.42
11 52 13 13-0123	EA 92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	7,716.37	535.40
11 52 13 13-0124	EA 106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	8,914.59	654.38
11 52 13 13-0125	EA 119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) ..... Note: Heavy-duty screen for recessed or exposed installation.	10,821.88	773.35

11 52 13 13-0126	Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) <small>(11 52 13 13-0001)</small>		
Note: In-the-ceiling screen with automatically operated door to conceal screen.			

11	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 52 Audio-Visual Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0127 EA 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,034.28	133.84
11 52 13 13-0128 EA 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,129.65	148.72
11 52 13 13-0129 EA 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,238.38	178.46
11 52 13 13-0130 EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,586.39	267.70
11 52 13 13-0131 EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,652.98	273.65
11 52 13 13-0132 EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,818.16	297.44
11 52 13 13-0133 EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,001.38	297.44
11 52 13 13-0134 EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,160.61	318.27
11 52 13 13-0135 EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,277.88	333.13
11 52 13 13-0136 EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,464.93	356.94
11 52 13 13-0137 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,653.63	356.94
11 52 13 13-0138 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) ..... Note: In-the-ceiling screen with automatically operated door to conceal screen.	7,050.20	475.91
<b>11 52 13 13-0139 Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol)</b> <small>(11 52 13 13-0001)</small> Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140 EA 60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,518.79	297.44
11 52 13 13-0141 EA 69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,528.08	356.94
11 52 13 13-0142 EA 87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,047.22	535.40
11 52 13 13-0143 EA 105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	22,728.54	713.86
11 52 13 13-0144 EA 120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	25,192.28	832.84
11 52 13 13-0145 EA 52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,409.10	297.44
11 52 13 13-0146 EA 58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,831.76	356.94
11 52 13 13-0147 EA 65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,809.26	416.42
11 52 13 13-0148 EA 78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	22,371.61	535.40
<b>11 52 13 13-0149 Electric Rear Projection Screen (Da-Lite DA-View)</b> <small>(11 52 13 13-0001)</small> Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150 EA 60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,780.97	297.44
11 52 13 13-0151 EA 67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,003.92	327.18
11 52 13 13-0152 EA 72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,877.82	356.94
11 52 13 13-0153 EA 84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	12,405.52	386.68
11 52 13 13-0154 EA 90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,744.81	13,328.39
11 52 13 13-0155 EA 96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	15,259.93	475.91
11 52 13 13-0156 EA 100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	19,567.33	535.40
11 52 13 13-0157 EA 120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	26,434.31	594.88
11 52 13 13-0158 EA 125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	29,578.26	654.38
11 52 13 13-0159 EA 135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) ..... Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	39,586.56	713.86
<b>11 52 13 13-0160 Screen Accessories</b> <small>(11 52 13 13-0001)</small>		
<b>11 52 13 13-0161 Manual Pull Down Accessories</b> <small>(11 52 13 13-0160)</small>		
11 52 13 13-0162 EA 6" Mounting Bracket (Pair).....	75.08	8.93
11 52 13 13-0163 EA 14" Wall Mounting Bracket (Pair).....	106.88	9.52
11 52 13 13-0164 EA 14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair).....	125.96	10.71



<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Audio-Visual Equipment</b>	<b>11 52</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 52 13 13-0165 Electric Powered Screen Accessories</b> <small>(11 52 13 13-0160)</small>		
11 52 13 13-0166 EA Single Motor Low Voltage Remote Control System - Infrared .....	789.68	
11 52 13 13-0167 EA Single Motor Low Voltage Remote Control System - Radio Frequency .....	1,139.45	
<b>11 52 13 16 Portable Projection Screens</b> <small>(11 52 13)</small>		
<b>11 52 13 16-0001 Projection Screen And Case</b> <small>(11 52 13 16)</small>		
11 52 13 16-0002 EA 9' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2) .....	2,299.21	266.80
11 52 13 16-0003 EA 12' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2) .....	2,315.50	266.80
11 52 13 16-0004 EA 9' x 9' Non-Tensioned Electric Projection Screen (Draper Targa) .....	2,409.41	266.80
11 52 13 16-0005 EA 9' x 12' Non-Tensioned Electric Projection Screen (Draper Targa) .....	2,622.67	266.80
11 52 13 16-0006 EA 12' x 12' Non-Tensioned Electric Projection Screen (Draper Targa) .....	3,708.08	266.80
11 52 13 16-0007 EA 12' x 16' Non-Tensioned Electric Projection Screen (Draper Targa) .....	4,990.58	266.80
11 52 13 16-0008 EA 14' x 14' Non-Tensioned Electric Projection Screen (Draper Targa) .....	4,446.40	266.80
11 52 13 16-0009 EA 16' x 16' Non-Tensioned Electric Projection Screen (Draper Targa) .....	5,112.65	266.80
11 52 13 16-0010 EA 15' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon) .....	7,980.17	266.80
11 52 13 16-0011 EA 20' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon) .....	8,436.33	266.80
11 52 13 16-0012 EA 11' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon) .....	8,163.90	266.80
11 52 13 16-0013 EA 16'-6" x 22' Non-Tensioned Electric Projection Screen (Draper Paragon) .....	8,353.97	266.80
11 52 13 16-0014 EA 22' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon) .....	8,550.37	266.80
11 52 13 16-0015 EA Projection Screen Hanger Assembly Unit .....	211.15	33.35
<small>Note: Includes beam clamp, 1/4" cable tail, 8' long, 3/8" x 6" eye and jaw turnbuckle and #1715 pipe clamp (for 1-1/2" inside diameter pipe batten).</small>		
<b>11 52 16 Projectors</b> <small>(11 52)</small>		
<b>11 52 16 26 Video Projectors</b> <small>(11 52 16)</small>		
<b>11 52 16 26-0001 Projectors</b> <small>(11 52 16 26)</small>		
11 52 16 26-0002 EA 2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector .....	1,386.09	59.48
11 52 16 26-0003 EA 2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector .....	1,607.84	59.48
11 52 16 26-0004 EA 2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector .....	2,130.52	59.48
11 52 16 26-0005 EA 3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector .....	3,365.95	59.48
11 52 16 26-0006 EA 3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector .....	3,920.32	59.48
11 52 16 26-0007 EA 3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector .....	4,981.52	59.48
11 52 16 26-0008 EA 4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector .....	7,927.56	59.48
11 52 16 26-0009 EA 5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector .....	10,746.88	59.48
11 52 16 26-0010 EA 6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector .....	15,957.88	59.48
<b>11 52 16 26-0011 Projector Mounts</b> <small>(11 52 16 26)</small>		
<b>11 52 16 26-0012 Universal Projector Mounts</b> <small>(11 52 16 26-0011)</small>		
<small>Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.</small>		
11 52 16 26-0013 EA Flush Ceiling, Universal Projector Mount (Peerless PPF) .....	295.07	65.41
11 52 16 26-0014 EA Wall Arm, Universal Projector Mount (Peerless PWA-14) .....	491.70	65.41
<b>11 52 16 26-0015 Projector Mount Components</b> <small>(11 52 16 26-0011)</small>		
<small>Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.</small>		
<b>11 52 16 26-0016 Ceiling Attachment Plates For Projector Mounts</b> <small>(11 52 16 26-0015)</small>		
11 52 16 26-0017 EA Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570) .....	106.22	29.73
11 52 16 26-0018 EA Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557) .....	146.57	29.73
11 52 16 26-0019 EA I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559) .....	206.31	29.73
11 52 16 26-0020 EA Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455) .....	255.00	29.73
<b>11 52 16 26-0021 Projector Attachment Plates For Projector Mounts</b> <small>(11 52 16 26-0015)</small>		
11 52 16 26-0022 EA Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV) .....	383.00	29.73
11 52 16 26-0023 EA High Security Projector Enclosure For Projector Mounts (Peerless ALB) .....	853.44	29.73
<b>11 52 16 26-0024 Threaded Extension Columns For Projector Mounts</b> <small>(11 52 16 26-0015)</small>		
<b>11 52 16 26-0025 Fixed Length, Threaded Extension Column For Projector Mounts</b> <small>(11 52 16 26-0024)</small>		
<small>Note: Peerless EXT series.</small>		
11 52 16 26-0026 EA 6" Fixed Length, Threaded Extension Column For Projector Mounts .....	65.13	8.92
11 52 16 26-0027 EA 12" Fixed Length, Threaded Extension Column For Projector Mounts .....	85.04	8.92
11 52 16 26-0028 EA 18" Fixed Length, Threaded Extension Column For Projector Mounts .....	92.51	8.92
11 52 16 26-0029 EA 24" Fixed Length, Threaded Extension Column For Projector Mounts .....	97.49	8.92
11 52 16 26-0030 EA 36" Fixed Length, Threaded Extension Column For Projector Mounts .....	115.87	11.89
11 52 16 26-0031 EA 48" Fixed Length, Threaded Extension Column For Projector Mounts .....	140.76	11.89
11 52 16 26-0032 EA 60" Fixed Length, Threaded Extension Column For Projector Mounts .....	180.59	11.89
11 52 16 26-0033 EA 72" Fixed Length, Threaded Extension Column For Projector Mounts .....	207.96	11.89
11 52 16 26-0034 EA 84" Fixed Length, Threaded Extension Column For Projector Mounts .....	243.78	14.87
11 52 16 26-0035 EA 96" Fixed Length, Threaded Extension Column For Projector Mounts .....	278.63	14.87
11 52 16 26-0036 EA 108" Fixed Length, Threaded Extension Column For Projector Mounts .....	309.47	17.84
11 52 16 26-0037 EA 120" Fixed Length, Threaded Extension Column For Projector Mounts .....	324.40	17.84

<b>11</b>	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 52 Audio-Visual Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0038			<b>Adjustable Length, Threaded Extension Columns For Projector Mounts</b> <small>(11 52 16 26-0024)</small>		
			Note: Peerless ADJ series. Adjustable at 1" increments.		
11 52 16 26-0039	EA		6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts.....	134.27	14.87
11 52 16 26-0040	EA		12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts.....	208.94	14.87
11 52 16 26-0041	EA		18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts.....	213.91	14.87
11 52 16 26-0042	EA		24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts.....	221.38	14.87
11 52 16 26-0043	EA		36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts.....	239.78	17.84
11 52 16 26-0044	EA		48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts.....	252.22	17.84
11 52 16 26-0045	EA		60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts.....	279.60	17.84
11 52 16 26-0046	EA		72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts.....	304.49	17.84
11 52 16 26-0047	EA		84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts.....	337.81	20.82
11 52 16 26-0048	EA		96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts.....	362.70	20.82
11 52 16 26-0049	EA		108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts.....	396.03	23.78
11 52 16 26-0050	EA		120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts.....	413.45	23.78

**11 53 Laboratory Equipment** (11 50)

**11 53 13 Laboratory Fume Hoods** (11 53)

**11 53 13 11 General Laboratory Fume Hoods** (11 53 13)

**11 53 13 11-0001 Fume Hoods (Kewaunee Scientific)** (11 53 13 11)

**11 53 13 11-0002 General Purpose Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H05)** (11 53 13 11-0001)

11 53 13 11-0003	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5448-00).....	10,134.70	
			Note: Includes material and installation		
11 53 13 11-0004	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5448-00).....	10,775.83	
			Note: Includes material and installation		
11 53 13 11-0005	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5448-00).....	13,828.19	
			Note: Includes material and installation		
11 53 13 11-0006	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5448-00).....	9,555.29	
			Note: Includes material and installation		
11 53 13 11-0007	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5460-00).....	10,947.07	
			Note: Includes material and installation		
11 53 13 11-0008	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5460-00).....	11,588.20	
			Note: Includes material and installation		
11 53 13 11-0009	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5460-00).....	14,664.45	
			Note: Includes material and installation		
11 53 13 11-0010	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5460-00).....	10,176.51	
			Note: Includes material and installation		
11 53 13 11-0011	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5472-00).....	10,546.86	
			Note: Includes material and installation		
11 53 13 11-0012	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5472-00).....	12,442.38	
			Note: Includes material and installation		
11 53 13 11-0013	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5472-00).....	15,381.25	
			Note: Includes material and installation		
11 53 13 11-0014	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5472-00).....	11,158.12	
			Note: Includes material and installation		
11 53 13 11-0015	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5496-00).....	14,363.80	
			Note: Includes material and installation		
11 53 13 11-0016	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5496-00).....	16,894.48	
			Note: Includes material and installation		
11 53 13 11-0017	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5496-00).....	19,879.14	
			Note: Includes material and installation		
11 53 13 11-0018	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5496-00).....	13,240.82	
			Note: Includes material and installation		
11 53 13 11-0019	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5448B00).....	10,292.00	
			Note: Includes material and installation		
11 53 13 11-0020	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5448B00).....	10,935.12	
			Note: Includes material and installation		





<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Laboratory Equipment</b>	<b>11 53</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0021	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5448B00) ..... Note: Includes material and installation	13,991.46	
11 53 13 11-0022	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5448B00) ..... Note: Includes material and installation	9,720.55	
11 53 13 11-0023	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5460B00) ..... Note: Includes material and installation	11,128.26	
11 53 13 11-0024	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5460B00) ..... Note: Includes material and installation	11,773.37	
11 53 13 11-0025	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5460B00) ..... Note: Includes material and installation	14,841.66	
11 53 13 11-0026	EA		5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5460B00) ..... Note: Includes material and installation	10,355.71	
11 53 13 11-0027	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5472B00) ..... Note: Includes material and installation	11,994.39	
11 53 13 11-0028	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5472B00) ..... Note: Includes material and installation	12,631.54	
11 53 13 11-0029	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5472B00) ..... Note: Includes material and installation	15,570.40	
11 53 13 11-0030	EA		6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5472B00) ..... Note: Includes material and installation	11,353.25	
11 53 13 11-0031	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5496B00) ..... Note: Includes material and installation	14,574.85	
11 53 13 11-0032	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5496B00) ..... Note: Includes material and installation	17,089.61	
11 53 13 11-0033	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5496B00) ..... Note: Includes material and installation	20,092.19	
11 53 13 11-0034	EA		8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5496B00) ..... Note: Includes material and installation	13,451.87	
<b>11 53 13 11-0035</b>			<b>Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific H07)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0036	EA		4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5448B00) ..... Note: Includes material and installation	11,628.02	
11 53 13 11-0037	EA		4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5448B00) ..... Note: Includes material and installation	12,267.17	
11 53 13 11-0038	EA		4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5448B00) ..... Note: Includes material and installation	15,325.50	
11 53 13 11-0039	EA		4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5448B00) ..... Note: Includes material and installation	11,052.60	
11 53 13 11-0040	EA		5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5460B00) ..... Note: Includes material and installation	12,760.96	
11 53 13 11-0041	EA		5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5460B00) ..... Note: Includes material and installation	13,406.08	
11 53 13 11-0042	EA		5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5460B00) ..... Note: Includes material and installation	16,480.33	
11 53 13 11-0043	EA		5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5460B00) ..... Note: Includes material and installation	11,994.39	
11 53 13 11-0044	EA		6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5472B00) ..... Note: Includes material and installation	13,722.66	
11 53 13 11-0045	EA		6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5472B00) ..... Note: Includes material and installation	14,363.80	
11 53 13 11-0046	EA		6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5472B00) ..... Note: Includes material and installation	17,302.66	
11 53 13 11-0047	EA		6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5472B00) ..... Note: Includes material and installation	13,079.54	
11 53 13 11-0048	EA		8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5496B00) ..... Note: Includes material and installation	16,822.80	



11	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 53 Laboratory Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0049 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5496B00).....	17,457.96	
Note: Includes material and installation		
11 53 13 11-0050 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5496B00).....	22,334.17	
Note: Includes material and installation		
11 53 13 11-0051 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5496B00).....	15,705.80	
Note: Includes material and installation		
<b>11 53 13 11-0052 ADA Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H08)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0053 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5448-00).....	10,232.26	
Note: Includes material and installation		
11 53 13 11-0054 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5448-00).....	10,885.34	
Note: Includes material and installation		
11 53 13 11-0055 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5448-00).....	13,720.67	
Note: Includes material and installation		
11 53 13 11-0056 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5448-00).....	9,650.86	
Note: Includes material and installation		
11 53 13 11-0057 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5460-00).....	11,042.64	
Note: Includes material and installation		
11 53 13 11-0058 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5460-00).....	11,598.16	
Note: Includes material and installation		
11 53 13 11-0059 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5460-00).....	14,646.53	
Note: Includes material and installation		
11 53 13 11-0060 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5460-00).....	10,274.08	
Note: Includes material and installation		
11 53 13 11-0061 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5472-00).....	11,898.81	
Note: Includes material and installation		
11 53 13 11-0062 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5472-00).....	12,729.10	
Note: Includes material and installation		
11 53 13 11-0063 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5472-00).....	16,119.95	
Note: Includes material and installation		
11 53 13 11-0064 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5472-00).....	11,255.69	
Note: Includes material and installation		
11 53 13 11-0065 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5448B00).....	10,389.56	
Note: Includes material and installation		
11 53 13 11-0066 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5448B00).....	11,072.51	
Note: Includes material and installation		
11 53 13 11-0067 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5448B00).....	13,965.58	
Note: Includes material and installation		
11 53 13 11-0068 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5448B00).....	9,816.12	
Note: Includes material and installation		
11 53 13 11-0069 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5460B00).....	11,227.81	
Note: Includes material and installation		
11 53 13 11-0070 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5460B00).....	11,799.26	
Note: Includes material and installation		
11 53 13 11-0071 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5460B00).....	14,911.35	
Note: Includes material and installation		
11 53 13 11-0072 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5460B00).....	10,449.29	
Note: Includes material and installation		
11 53 13 11-0073 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H08G5472B00).....	12,091.95	
Note: Includes material and installation		
11 53 13 11-0074 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5472B00).....	12,950.11	
Note: Includes material and installation		
11 53 13 11-0075 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5472B00).....	16,408.66	
Note: Includes material and installation		
11 53 13 11-0076 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5472B00).....	11,448.82	
Note: Includes material and installation		



<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Laboratory Equipment</b>	<b>11 53</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

11 53 13 11-0077	<b>ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash (Kewaunee Scientific H09)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0078	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5448B00).....	13,945.66
		Note: Includes material and installation	
11 53 13 11-0079	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5448B00).....	15,162.23
		Note: Includes material and installation	
11 53 13 11-0080	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5448B00).....	19,279.82
		Note: Includes material and installation	
11 53 13 11-0081	EA	4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5448B00).....	13,370.24
		Note: Includes material and installation	
11 53 13 11-0082	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5460B00).....	15,076.61
		Note: Includes material and installation	
11 53 13 11-0083	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5460B00).....	16,237.42
		Note: Includes material and installation	
11 53 13 11-0084	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5460B00).....	20,679.56
		Note: Includes material and installation	
11 53 13 11-0085	EA	5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5460B00).....	14,308.04
		Note: Includes material and installation	
11 53 13 11-0086	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5472B00).....	16,038.31
		Note: Includes material and installation	
11 53 13 11-0087	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5472B00).....	17,491.81
		Note: Includes material and installation	
11 53 13 11-0088	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5472B00).....	22,312.27
		Note: Includes material and installation	
11 53 13 11-0089	EA	6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5472B00).....	15,399.17
		Note: Includes material and installation	
11 53 13 11-0090	<b>Isotope Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H20)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0091	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5448-00).....	21,030.00
		Note: Includes material and installation	
11 53 13 11-0092	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5460-00).....	23,341.67
		Note: Includes material and installation	
11 53 13 11-0093	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5472-00).....	24,625.92
		Note: Includes material and installation	
11 53 13 11-0094	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5496-00).....	33,299.16
		Note: Includes material and installation	
11 53 13 11-0095	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5448B00).....	21,207.21
		Note: Includes material and installation	
11 53 13 11-0096	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5460B00).....	23,518.87
		Note: Includes material and installation	
11 53 13 11-0097	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5472B00).....	24,815.08
		Note: Includes material and installation	
11 53 13 11-0098	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5496B00).....	33,512.20
		Note: Includes material and installation	
11 53 13 11-0099	<b>Perchloric Acid Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H25)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0100	EA	4' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5448-00).....	27,781.82
		Note: Includes material and installation	
11 53 13 11-0101	EA	5' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5460-00).....	27,877.39
		Note: Includes material and installation	
11 53 13 11-0102	EA	6' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5472-00).....	30,927.76
		Note: Includes material and installation	

11	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 53 Laboratory Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 53 13 11-0103 HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific HOPEC) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0104 EA 4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5448B00).....	14,413.57	
Note: Includes material and installation		
11 53 13 11-0105 EA 4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5448B00).....	15,056.70	
Note: Includes material and installation		
11 53 13 11-0106 EA 4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5448B00).....	18,111.05	
Note: Includes material and installation		
11 53 13 11-0107 EA 4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5448B00).....	13,834.16	
Note: Includes material and installation		
11 53 13 11-0108 EA 5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5460B00).....	15,711.77	
Note: Includes material and installation		
11 53 13 11-0109 EA 5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5460B00).....	16,354.90	
Note: Includes material and installation		
11 53 13 11-0110 EA 5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5460B00).....	19,427.16	
Note: Includes material and installation		
11 53 13 11-0111 EA 5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5460B00).....	14,943.21	
Note: Includes material and installation		
11 53 13 11-0112 EA 6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5472B00).....	16,784.97	
Note: Includes material and installation		
11 53 13 11-0113 EA 6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5472B00).....	17,422.12	
Note: Includes material and installation		
11 53 13 11-0114 EA 6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5472B00).....	20,364.97	
Note: Includes material and installation		
11 53 13 11-0115 EA 6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5472B00).....	16,139.86	
Note: Includes material and installation		
11 53 13 11-0116 EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5496B00).....	21,862.28	
Note: Includes material and installation		
11 53 13 11-0117 EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5496B00).....	22,503.41	
Note: Includes material and installation		
11 53 13 11-0118 EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5496B00).....	27,375.63	
Note: Includes material and installation		
11 53 13 11-0119 EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5496B00).....	20,741.29	
Note: Includes material and installation		
<b>11 53 13 11-0120 General Purpose Walk-In Fume Hood With Vertical Rising Sash (Kewaunee Scientific H30) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0121 EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9048-00).....	21,175.35	
Note: Includes material and installation		
11 53 13 11-0122 EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9048-00).....	21,808.52	
Note: Includes material and installation		
11 53 13 11-0123 EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9048-00).....	27,134.71	
Note: Includes material and installation		
11 53 13 11-0124 EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9048-00).....	19,893.08	
Note: Includes material and installation		
11 53 13 11-0125 EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9060-00).....	22,565.14	
Note: Includes material and installation		
11 53 13 11-0126 EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9060-00).....	23,206.27	
Note: Includes material and installation		
11 53 13 11-0127 EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9060-00).....	30,129.33	
Note: Includes material and installation		
11 53 13 11-0128 EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9060-00).....	21,099.69	
Note: Includes material and installation		
11 53 13 11-0129 EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9072-00).....	23,944.97	
Note: Includes material and installation		
11 53 13 11-0130 EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9072-00).....	24,580.13	
Note: Includes material and installation		



<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Laboratory Equipment</b>	<b>11 53</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0131	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9072-00)..... Note: Includes material and installation	32,285.69	
11 53 13 11-0132	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9072-00)..... Note: Includes material and installation	23,363.57	
11 53 13 11-0133	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9096-00) ..... Note: Includes material and installation	30,567.37	
11 53 13 11-0134	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9096-00)..... Note: Includes material and installation	31,212.48	
11 53 13 11-0135	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9096-00)..... Note: Includes material and installation	41,856.90	
11 53 13 11-0136	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9096-00)..... Note: Includes material and installation	29,052.14	
11 53 13 11-0137	EA		4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9048B00)..... Note: Includes material and installation	21,338.62	
11 53 13 11-0138	EA		4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9048B00)..... Note: Includes material and installation	21,967.81	
11 53 13 11-0139	EA		4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9048B00)..... Note: Includes material and installation	27,297.98	
11 53 13 11-0140	EA		4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9048B00)..... Note: Includes material and installation	20,054.36	
11 53 13 11-0141	EA		5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9060B00)..... Note: Includes material and installation	22,746.33	
11 53 13 11-0142	EA		5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9060B00)..... Note: Includes material and installation	23,385.47	
11 53 13 11-0143	EA		5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9060B00)..... Note: Includes material and installation	30,312.51	
11 53 13 11-0144	EA		5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9060B00)..... Note: Includes material and installation	21,282.87	
11 53 13 11-0145	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9072B00)..... Note: Includes material and installation	24,136.11	
11 53 13 11-0146	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9072B00)..... Note: Includes material and installation	24,773.27	
11 53 13 11-0147	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9072B00)..... Note: Includes material and installation	32,478.82	
11 53 13 11-0148	EA		6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9072B00)..... Note: Includes material and installation	23,558.70	
11 53 13 11-0149	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9096B00)..... Note: Includes material and installation	30,772.45	
11 53 13 11-0150	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9096B00)..... Note: Includes material and installation	31,419.56	
11 53 13 11-0151	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9096B00)..... Note: Includes material and installation	42,061.99	
11 53 13 11-0152	EA		8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9096B00)..... Note: Includes material and installation	29,261.21	
11 53 13 11-0153			<b>Stand-Alone, TruView® Teaching Hoods (Kewaunee Scientific T90)</b> <small>(11 53 13 11-0001)</small>		
11 53 13 11-0154	EA		4' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3048-SA)..... Note: Includes material and installation	17,260.85	
11 53 13 11-0155	EA		5' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3060-SA)..... Note: Includes material and installation	19,676.05	
11 53 13 11-0156	EA		6' Wide, Stand-Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3072-SA)..... Note: Includes material and installation	21,324.68	
11 53 13 11-0157	EA		4' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6048-SA)..... Note: Includes material and installation	30,465.82	
11 53 13 11-0158	EA		5' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6060-SA)..... Note: Includes material and installation	34,888.05	

11	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 53 Laboratory Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0159 EA 6' Wide, Stand-Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6072-SA) ..... Note: Includes material and installation	37,114.10	
<b>11 53 13 11-0160 Options For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0161 EA Single Point Adjustable Baffles (Kewaunee Scientific Option C) ..... Note: Includes material and installation	459.94	
11 53 13 11-0162 EA Fire Extinguisher (Kewaunee Scientific Option E) ..... Note: Includes material and installation	1,991.10	
11 53 13 11-0163 EA Stainless Steel Lower Deflector Vane (Kewaunee Scientific Option O) ..... Note: Includes material and installation	330.52	
11 53 13 11-0164 EA 4' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-48B) ..... Note: Includes material and installation	1,355.94	
11 53 13 11-0165 EA 5' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-60B) ..... Note: Includes material and installation	1,584.92	
11 53 13 11-0166 EA 6' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-72B) ..... Note: Includes material and installation	1,827.83	
11 53 13 11-0167 EA 8' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-96B) ..... Note: Includes material and installation	2,365.43	
11 53 13 11-0168 EA 4' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-48B) ..... Note: Includes material and installation	1,355.94	
11 53 13 11-0169 EA 5' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-60B) ..... Note: Includes material and installation	1,584.92	
11 53 13 11-0170 EA 6' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-72B) ..... Note: Includes material and installation	1,827.83	
11 53 13 11-0171 EA 4' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-48B) ..... Note: Includes material and installation	1,355.94	
11 53 13 11-0172 EA 5' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-60B) ..... Note: Includes material and installation	1,584.92	
11 53 13 11-0173 EA 6' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-72B) ..... Note: Includes material and installation	1,827.83	
11 53 13 11-0174 EA 8' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-96B) ..... Note: Includes material and installation	2,365.43	
11 53 13 11-0175 EA 4' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-48B) ..... Note: Includes material and installation	1,415.67	
11 53 13 11-0176 EA 5' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-60B) ..... Note: Includes material and installation	1,654.60	
11 53 13 11-0177 EA 6' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-72B) ..... Note: Includes material and installation	1,913.45	
11 53 13 11-0178 EA 8' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-96B) ..... Note: Includes material and installation	2,476.93	
11 53 13 11-0179 EA Black Poly Cupsink (Kewaunee Scientific 0491-BP) ..... Note: Includes material and installation	177.21	
11 53 13 11-0180 EA Stainless Steel Cupsink (Kewaunee Scientific 0950-0F) ..... Note: Includes material and installation	1,666.55	
11 53 13 11-0181 EA Air Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3A-I) ..... Note: Includes material and installation	635.16	
11 53 13 11-0182 EA Gas Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3G-I) ..... Note: Includes material and installation	635.16	
11 53 13 11-0183 EA Vacuum Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3V-I) ..... Note: Includes material and installation	635.16	
11 53 13 11-0184 EA Steam Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3S-I) ..... Note: Includes material and installation	708.83	
11 53 13 11-0185 EA Cold Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3W-I) ..... Note: Includes material and installation	708.83	
11 53 13 11-0186 EA Distilled Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3D-I) ..... Note: Includes material and installation	1,051.30	
11 53 13 11-0187 EA Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0864-3WV-I) ..... Note: Includes material and installation	1,075.19	
11 53 13 11-0188 EA Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0864-3WVA-I) ..... Note: Includes material and installation	1,103.07	
11 53 13 11-0189 EA Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0868-3WV-I) ..... Note: Includes material and installation	1,712.35	
11 53 13 11-0190 EA Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0868-3WVA-I) ..... Note: Includes material and installation	1,778.05	
<b>11 53 13 11-0191 Base Cabinets For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0192 EA 24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3724-0) ..... Note: Includes material and installation	1,246.43	
11 53 13 11-0193 EA 30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3730-0) ..... Note: Includes material and installation	1,519.21	
11 53 13 11-0194 EA 36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3736-0) ..... Note: Includes material and installation	1,598.85	





<b>Equipment</b>	<b>11</b>
<b>Educational and Scientific Equipment</b>	<b>11 50</b>
<b>Laboratory Equipment</b>	<b>11 53</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0195	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3748-0) ..... Note: Includes material and installation	1,650.62	
11 53 13 11-0196	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3760-0) ..... Note: Includes material and installation	1,801.95	
11 53 13 11-0197	EA		24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3624-0) ..... Note: Includes material and installation	1,246.43	
11 53 13 11-0198	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3630-0) ..... Note: Includes material and installation	1,519.21	
11 53 13 11-0199	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3636-0) ..... Note: Includes material and installation	1,610.80	
11 53 13 11-0200	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3648-0) ..... Note: Includes material and installation	1,650.62	
11 53 13 11-0201	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3660-0) ..... Note: Includes material and installation	1,801.95	
11 53 13 11-0202	EA		15" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3115-0) ..... Note: Includes material and installation	1,254.39	
11 53 13 11-0203	EA		18" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3118-0) ..... Note: Includes material and installation	1,328.06	
11 53 13 11-0204	EA		21" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3121-0) ..... Note: Includes material and installation	1,385.81	
11 53 13 11-0205	EA		24" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3124-0) ..... Note: Includes material and installation	1,403.73	
11 53 13 11-0206	EA		24" Long x 35-3/4" High x 22" Deep, Single Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3724-01) ..... Note: Includes material and installation	3,034.44	
11 53 13 11-0207	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3730-01) ..... Note: Includes material and installation	4,010.08	
11 53 13 11-0208	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3736-01) ..... Note: Includes material and installation	4,191.27	
11 53 13 11-0209	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3748-01) ..... Note: Includes material and installation	4,788.60	
11 53 13 11-0210	EA		24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3724-0) ..... Note: Includes material and installation	2,399.28	
11 53 13 11-0211	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3730-0) ..... Note: Includes material and installation	2,787.54	
11 53 13 11-0212	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3736-0) ..... Note: Includes material and installation	2,835.33	
11 53 13 11-0213	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3748-0) ..... Note: Includes material and installation	3,002.58	
11 53 13 11-0214	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3760-0) ..... Note: Includes material and installation	3,289.30	
11 53 13 11-0215	EA		24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3724-0) ..... Note: Includes material and installation	2,160.34	
11 53 13 11-0216	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3730-0) ..... Note: Includes material and installation	2,445.07	
11 53 13 11-0217	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3736-0) ..... Note: Includes material and installation	2,542.63	
11 53 13 11-0218	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3748-0) ..... Note: Includes material and installation	2,703.91	
11 53 13 11-0219	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3760-0) ..... Note: Includes material and installation	2,912.98	
11 53 13 11-0220			<b>Filters And Housing For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0221	EA		Painted CRS Filter Housing (Kewaunee Scientific X-016869) ..... Note: Includes material and installation	1,967.21	
11 53 13 11-0222	EA		Stainless Steel Filter Housing (Kewaunee Scientific X-016868) ..... Note: Includes material and installation	22,955.39	
11 53 13 11-0223	EA		High Efficiency Filter (Kewaunee Scientific 0864-00) ..... Note: Includes material and installation	1,967.21	



<b>11</b>	<b>11 Equipment</b>
	<b>11 50 Educational and Scientific Equipment</b>
	<b>11 53 Laboratory Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0224 EA Charcoal Absorber (Kewaunee Scientific 0855-00) ..... Note: Includes material and installation	22,955.39	
11 53 13 11-0225 EA Prefilter (Kewaunee Scientific 0863-00)..... Note: Includes material and installation	147.34	
<b>11 53 13 11-0226 Centrifugal Fans For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small></b>		
11 53 13 11-0227 EA 1/4 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0902-T1) ..... Note: Includes material and installation	5,310.26	
11 53 13 11-0228 EA 1/3 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0903-T1) ..... Note: Includes material and installation	5,457.61	
11 53 13 11-0229 EA 1/2 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0905-T1) ..... Note: Includes material and installation	5,531.28	
11 53 13 11-0230 EA 3/4 HP, Single-Phase, 10" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1008-T1)..... Note: Includes material and installation	6,115.66	
11 53 13 11-0231 EA 1 HP, Single-Phase, 13" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1310-T1) ..... Note: Includes material and installation	6,700.05	
11 53 13 11-0232 EA 1-1/2 HP, Single-Phase, 14-1/2" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1415-T1) ..... Note: Includes material and installation	9,608.05	
11 53 13 11-0233 EA 2 HP, Single-Phase, 16-1/8" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1620-T1) ..... Note: Includes material and installation	12,516.05	
<b>11 53 13 11-0234 Exhaust Stacks And Adapters For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0201)</small></b>		
11 53 13 11-0235 EA 6-9/16" Diameter x 99-1/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) ..... Note: Includes material and installation	884.05	
11 53 13 11-0236 EA 8-1/16" Diameter x 97-7/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) ..... Note: Includes material and installation	969.67	
11 53 13 11-0237 EA 9-1/16" Diameter x 92-1/2" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) ..... Note: Includes material and installation	987.59	
11 53 13 11-0238 EA 10-13/16" Diameter x 91-1/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) ..... Note: Includes material and installation	1,087.14	
11 53 13 11-0239 EA 11-11/16" Diameter x 90-3/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) ..... Note: Includes material and installation	1,196.73	
11 53 13 11-0240 EA 6-9/16" Diameter x 10-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-0912-00)..... Note: Includes material and installation	1,266.34	
11 53 13 11-0241 EA 8-1/16" Diameter x 11-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1012-00)..... Note: Includes material and installation	1,377.84	
11 53 13 11-0242 EA 9-1/16" Diameter x 13-5/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1312-00)..... Note: Includes material and installation	1,511.24	
11 53 13 11-0243 EA 10-13/16" Diameter x 14-11/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1412-00)..... Note: Includes material and installation	1,586.91	
11 53 13 11-0244 EA 11-11/16" Diameter x 16-15/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1612-00)..... Note: Includes material and installation	1,616.77	
11 53 13 11-0245 EA 11-15/16" Diameter x 9-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1209-00) ..... Note: Includes material and installation	981.61	
11 53 13 11-0246 EA 11-15/16" Diameter x 10-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1210-00) ..... Note: Includes material and installation	1,013.47	
11 53 13 11-0247 EA 11-15/16" Diameter x 13-5/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1213-00) ..... Note: Includes material and installation	1,033.38	
11 53 13 11-0248 EA 11-15/16" Diameter x 14-9/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1214-00) ..... Note: Includes material and installation	1,075.19	
11 53 13 11-0249 EA 11-15/16" Diameter x 16-3/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1216-00) ..... Note: Includes material and installation	1,164.79	
<b>11 53 13 11-0250 Biological Fume Hoods And Cabinets <small>(11 53 13 11)</small></b> Note: VWR scientific or approved equal. VWR model number listed for reference. Equipment set in place and final connections. Excludes piping, ductwork and electrical rough-ins. Other accepted manufactures: NuAire, Forma and Baker or equal.		
<b>11 53 13 11-0251 Purifier® Logic® Class II, Type A2 Biosafety Cabinets (VWR 9700) <small>(11 53 13 11-0250)</small></b> Note: Includes two high efficiency particulate air (HEPA) filters, fluorescent lighting, UV lamp, 8" or 10" sash, LCD information center and service fixtures. Excludes base stand.		
11 53 13 11-0252 EA 3' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	18,193.03	805.18
11 53 13 11-0253 EA 4' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	20,322.66	805.18
11 53 13 11-0254 EA 5' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	24,133.15	912.44
11 53 13 11-0255 EA 6' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	25,541.73	912.44
<b>11 53 13 11-0256 Base Stands For Purifier® Logic® Biosafety Cabinets (VWR) <small>(11 53 13 11-0250)</small></b> Note: ADA compliant. Includes epoxy coating.		
11 53 13 11-0257 EA 3' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,528.52	118.10
11 53 13 11-0258 EA 4' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,661.60	150.33
11 53 13 11-0259 EA 5' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,756.91	182.54
11 53 13 11-0260 EA 6' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,940.52	214.75

**11 60 Entertainment and Recreation Equipment (11)**

**11 61 Broadcast, Theater, and Stage Equipment (11 60)**



<b>Equipment</b>	<b>11</b>	
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>	⇅
<b>Broadcast, Theater, and Stage Equipment</b>	<b>11 61</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**11 61 23 Folding and Portable Stages (11 61)**

<b>11 61 23 00-0001</b>	<b>Roll Out Stage, Steel Frame, Wood Floor (11 61 23)</b>		
11 61 23 00-0002	SF Roll Out Stage, Manual With Steel Frame And Wood Floor .....	126.50	7.40
11 61 23 00-0003	SF Roll Out Stage, Electric With Steel Frame And Wood Floor .....	171.90	7.37

**11 61 23 00-0004 Portable Stages, With Steps, Folding Legs, Stock Design (11 61 23)**

Note: A heavy-gauge steel frame supports the solid plywood deck. Supports 200 pounds per square foot and folds to less than two inches high for storage and transport.

11 61 23 00-0005	SF Portable Stage, 8" High Hardwood Deck With Steps And Folding Legs .....	42.61	2.65
11 61 23 00-0006	SF Portable Stage, 16" High Hardwood Deck With Steps And Folding Legs .....	46.90	2.91
11 61 23 00-0007	SF Portable Stage, 24" High Hardwood Deck With Steps And Folding Legs .....	48.64	3.17
11 61 23 00-0008	SF Portable Stage, 32" High Hardwood Deck With Steps And Folding Legs .....	50.11	3.31
11 61 23 00-0009	SF Portable Stage, 48" High Hardwood Deck With Steps And Folding Legs .....	53.76	3.52

**11 61 23 00-0010 Telescoping Platforms, Aluminum (11 61 23)**

11 61 23 00-0011	SF Telescoping Platforms, Aluminum Straight, Minimum .....	134.38	6.35
11 61 23 00-0012	SF Telescoping Platforms, Aluminum Straight .....	157.29	6.35
11 61 23 00-0013	SF Telescoping Platforms, Aluminum Pie Shaped, Minimum .....	158.61	10.57
11 61 23 00-0014	SF Telescoping Platforms, Aluminum Pie Shaped .....	187.25	10.57

**11 61 23 00-0015 Band Risers, Steel Frame, Plywood Deck (11 61 23)**

11 61 23 00-0016	SF 8" High Band Risers, Steel Frame Wood Deck .....	53.83	2.65
11 61 23 00-0017	SF 12" High Band Risers, Steel Frame Wood Deck .....	57.54	2.65
11 61 23 00-0018	SF 16" High Band Risers, Steel Frame Wood Deck .....	60.42	2.65
11 61 23 00-0019	SF 24" High Band Risers, Steel Frame Wood Deck .....	64.20	2.65

**11 61 23 00-0020 Chairs For Risers, Self Storing (11 61 23)**

11 61 23 00-0021	EA Chairs For Risers, Self Storing .....	136.36	5.29
------------------	--	--------	------

**11 66 Athletic Equipment (11 60)**

**11 66 13 Exercise Equipment (11 66)**

**11 66 13 00-0001 Fitness Systems (11 66 13)**

**11 66 13 00-0002 Components For Physical Fitness Activities (11 66 13 00-0001)**

11 66 13 00-0003	EA Sit And Reach .....	1,691.03	132.72
11 66 13 00-0004	EA Isometric Squat .....	630.87	53.09
11 66 13 00-0005	EA Log Jump .....	4,077.81	212.34
11 66 13 00-0006	EA Step Up .....	925.14	106.17
11 66 13 00-0007	EA Hip Rotation .....	4,470.21	185.81
11 66 13 00-0008	EA Body Curl .....	1,657.74	106.17
11 66 13 00-0009	EA Horizontal Ladder .....	5,404.41	212.34
11 66 13 00-0010	EA Chin Up .....	4,097.61	212.34
11 66 13 00-0011	EA Push Up .....	2,499.25	106.17
11 66 13 00-0012	EA Leg Raise .....	3,496.44	159.26
11 66 13 00-0013	EA Log Hop .....	1,581.27	53.09
11 66 13 00-0014	EA Parallel Bar .....	3,362.79	159.26
11 66 13 00-0015	EA Leg Stretch .....	1,420.14	106.17
11 66 13 00-0016	EA Balance Beam .....	1,273.01	79.63
11 66 13 00-0017	EA Log Roll .....	4,007.64	132.72

**11 66 13 00-0018 Weight Room Equipment (11 66 13)**

**11 66 13 00-0019 Benches And Free Weights (11 66 13 00-0018)**

**11 66 13 00-0020 Benches (11 66 13 00-0019)**

11 66 13 00-0021	EA Icarian Olympic Bench .....	1,717.42	
	Note: Precor Icarian model number PRE CW408.		
11 66 13 00-0022	EA Icarian Squat Rack .....	2,915.60	
	Note: Precor Icarian model number PRE CW608.		
11 66 13 00-0023	EA Icarian Smith Machine .....	8,374.06	
	Note: Precor Icarian model number PRE CW802.		
11 66 13 00-0024	EA Icarian Seat Preacher Curl .....	1,717.42	
	Note: Precor Icarian model number PRE CW202.		
11 66 13 00-0025	EA Icarian Flat Bench .....	1,051.75	
	Note: Precor Icarian model number PRE CW101.		
11 66 13 00-0026	EA Icarian Superbench .....	2,249.94	
	Note: Precor Icarian model number PRE CW119.		
11 66 13 00-0027	EA Icarian Adjustable Decline Bench .....	1,717.42	
	Note: Precor Icarian model number PRE CW113.		
11 66 13 00-0028	EA Life Fitness Olympic Flat Bench .....	1,728.06	
	Note: Life Fitness model number OFB.		
11 66 13 00-0029	EA Life Fitness Olympic Squat Rack .....	2,659.99	
	Note: Life Fitness model number OSR.		

**11 Equipment**  
**11 60 Entertainment and Recreation Equipment**  
**11 66 Athletic Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66	13 00-0030	EA	Life Fitness Smith Machine ..... Note: Life Fitness model number PLSM.	7,452.77	
11 66	13 00-0031	EA	Life Fitness Arm Curl, Seated ..... Note: Life Fitness model number FWAC.	1,861.19	
11 66	13 00-0032	EA	Life Fitness Flat Bench ..... Note: Life Fitness model number FWFB.	742.87	
11 66	13 00-0033	EA	Life Fitness Multi-Adjustable Bench ..... Note: Life Fitness model number FWMAB.	2,127.46	
11 66	13 00-0034	EA	Life Fitness Decline/Abdominal Bench ..... Note: Life Fitness model number FWDB.	1,328.67	
<b>11 66 13 00-0035 Plates <small>(11 66 13 00-0019)</small></b>					
11 66	13 00-0036	EA	TKO 2.5 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 2.5LB.	9.33	
11 66	13 00-0037	EA	TKO 5 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 5LB.	18.63	
11 66	13 00-0038	EA	TKO 10 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 10LB.	37.28	
11 66	13 00-0039	EA	TKO 25 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 25LB.	93.19	
11 66	13 00-0040	EA	TKO 35 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 35LB.	130.47	
11 66	13 00-0041	EA	TKO 45 Lb. Rubber Olympic Plate With Handle ..... Note: TKO model number TKO OR BK 45LB.	167.75	
11 66	13 00-0042	EA	Intek 2.5 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-2.5.	6.00	
11 66	13 00-0043	EA	Intek 5 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-5.	11.99	
11 66	13 00-0044	EA	Intek 10 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-10.	23.96	
11 66	13 00-0045	EA	Intek 25 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-25.	59.92	
11 66	13 00-0046	EA	Intek 35 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-35.	83.89	
11 66	13 00-0047	EA	Intek 45 Lb. Rubber Olympic Plate With Handle ..... Note: Intek model number ITR-45.	107.85	
11 66	13 00-0048	EA	Icarian Vertical Plate Tree ..... Note: Precor Icarian model number PRE CW816.	918.62	
11 66	13 00-0049	EA	Life Fitness Deluxe Weight Tree ..... Note: Life Fitness model number FWDWT.	876.02	
<b>11 66 13 00-0050 Dumbbells <small>(11 66 13 00-0019)</small></b>					
11 66	13 00-0051	EA	TKO SDS Pro Rubber Dumbbell 7.5 Lb., Pair ..... Note: TKO model number TKO 827 RR 7.5LB.	186.38	
11 66	13 00-0052	EA	TKO SDS Pro Rubber Dumbbell 5-50 Lb., Pairs ..... Note: TKO model number TKO 827 RR 5-50LB.	2,462.96	
11 66	13 00-0053	EA	TKO SDS Pro Rubber Dumbbell 55-100 Lb., Pairs ..... Note: TKO model number TKO 827 RR 55-100LB.	3,927.41	
11 66	13 00-0054	EA	Intek Pro Rubber Dumbbell, 7.5 Lb., Pair ..... Note: Intek model number DBR-7.5.	121.44	
11 66	13 00-0055	EA	Intek Pro Rubber Dumbbell Set, 5-50 Lb. .... Note: Intek model number DBRSET-005-050.	2,043.81	
11 66	13 00-0056	EA	Intek Pro Rubber Dumbbell Set, 55-100 Lb. .... Note: Intek model number DBRSET-055-100.	3,764.45	
11 66	13 00-0057	EA	Icarian Dumbbell Rack, 10 Pair ..... Note: Precor Icarian model number PRE CW812.	1,983.67	
11 66	13 00-0058	EA	Icarian Beautybell Rack, 10 Pair ..... Note: Precor Icarian model number PRE CW813.	1,717.42	
11 66	13 00-0059	EA	Life Fitness Dumbbell Rack, Double Tier ..... Note: Life Fitness model number FWDR2.	1,728.06	
<b>11 66 13 00-0060 Bars <small>(11 66 13 00-0019)</small></b>					
11 66	13 00-0061	EA	Troy 7' Power Bar 1,500 Lb. .... Note: Troy model number TR AOB-1500B.	439.34	
11 66	13 00-0062	EA	Troy Olympic EZ Curl Bar ..... Note: Troy model number TR GOZ-47.	159.76	
11 66	13 00-0063	EA	Intek Chrome Power Bar 1,500 Lb. Test ..... Note: Intek model number OPB-CD.	311.54	
11 66	13 00-0064	EA	Intek Chrome EZ Curl Bar ..... Note: Intek model number SOEZ-C.	285.97	
<b>11 66 13 00-0065 Weight Machines <small>(11 66 13 00-0018)</small></b>					
<b>11 66 13 00-0066 Weight Machines <small>(11 66 13 00-0065)</small></b>					
11 66	13 00-0067	EA	Icarian Crossover-Adjustable, Heavy Stack 200 Lb. .... Note: Precor Icarian model number PRE CW407BKS.	9,558.94	
11 66	13 00-0068	EA	Icarian Leg Extension With Painted Shroud ..... Note: Precor Icarian model number PRE CW605KS.	8,374.06	



<b>Equipment</b>	<b>11</b>	
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>	11
<b>Athletic Equipment</b>	<b>11 66</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 13 00-0069 EA Icarian Seated Leg Curl With Shroud, 250 Lb. .... Note: Precor Icarian model number PRE CW619KS.	8,374.06	
11 66 13 00-0070 EA Icarian Leg Sled-Seated With Shroud, 400 Lb. .... Note: Precor Icarian model number PRE CW602BS.	15,643.11	
11 66 13 00-0071 EA Icarian Vertical Press With Shroud, 250 Lb. .... Note: Precor Icarian model number PRE CW404KS.	8,879.96	
11 66 13 00-0072 EA Icarian Incline Press With Painted Shroud, Heavy Stack ..... Note: Precor Icarian model number PRE CW402S.	8,879.96	
11 66 13 00-0073 EA Icarian Rear Delt/Pec Fly With Shroud, 250 Lb. .... Note: Precor Icarian model number PRE CW505KS.	8,986.47	
11 66 13 00-0074 EA Icarian Pulldown With Painted Shroud..... Note: Precor Icarian model number PRE CW304S.	7,788.26	
11 66 13 00-0075 EA Icarian Seated Row With Shroud, 250 Lb. .... Note: Precor Icarian model number PRE CW310KS.	8,680.26	
11 66 13 00-0076 EA Icarian Shoulder Press With Shroud, 250 Lb. .... Note: Precor Icarian model number PRE CW500KS.	8,680.26	
11 66 13 00-0077 EA Icarian Lateral Raise With Painted Shroud..... Note: Precor Icarian model number PRE CW504S.	8,680.26	
11 66 13 00-0078 EA Icarian Camber Curl With Painted Shroud ..... Note: Precor Icarian model number PRE CW204S.	8,054.53	
11 66 13 00-0079 EA Icarian Seated Tricep Extension With Painted Shroud ..... Note: Precor Icarian model number PRE CW208S.	8,320.81	
11 66 13 00-0080 EA Icarian Abdominal Isolator With Painted Shroud..... Note: Precor Icarian model number PRE CW712S.	8,547.13	
11 66 13 00-0081 EA Icarian Flite Bench ..... Note: Precor model number PRE CWFLT 540.	4,343.18	
11 66 13 00-0082 EA Icarian Flite Shoulder Press..... Note: Precor model number PRE CWFLT 550.	4,343.18	
11 66 13 00-0083 EA Icarian Flite Row ..... Note: Precor model number PRE CWFLT 531.	4,827.10	
11 66 13 00-0084 EA Icarian Flite Incline Bench..... Note: Precor model number PRE CWFLT 541.	4,343.18	
11 66 13 00-0085 EA Icarian Plate Load Angle Leg With Weight Holders ..... Note: Precor model number PRE CW 601.	7,839.50	
11 66 13 00-0086 EA Life Fitness CM Adjustable Cable..... Note: Life Fitness model number CMACO.	10,381.70	
11 66 13 00-0087 EA Life Fitness Pro 2 Series Biceps Curl ..... Note: Life Fitness model number PSBCSE.	7,719.04	
11 66 13 00-0088 EA Life Fitness Pro 2 Series Pectoral Fly/Rear Deltoid..... Note: Life Fitness model number PSFLYSE.	8,251.57	
11 66 13 00-0089 EA Life Fitness Pro 2 Series Leg Extension ..... Note: Life Fitness model number PSLESE.	9,050.37	
11 66 13 00-0090 EA Life Fitness Pro 2 Series Lateral Raise..... Note: Life Fitness model number PSLRSE.	8,251.57	
11 66 13 00-0091 EA Life Fitness Pro 2 Series Lat Pulldown ..... Note: Life Fitness model number PSPDSE.	6,920.25	
11 66 13 00-0092 EA Life Fitness Pro 2 Series Seated Row ..... Note: Life Fitness model number PSRWSE.	8,251.57	
11 66 13 00-0093 EA Life Fitness Pro 2 Series Seated Leg Curl ..... Note: Life Fitness model number PSSLCSE.	9,316.64	
11 66 13 00-0094 EA Life Fitness Pro 2 Series Seated Leg Press ..... Note: Life Fitness model number PSSLPSE.	13,310.62	
11 66 13 00-0095 EA Life Fitness Pro 2 Series Shoulder Press ..... Note: Life Fitness model number PSSPSE.	7,985.31	
11 66 13 00-0096 EA Life Fitness Pro 2 Series Triceps Extension ..... Note: Life Fitness model number PSTESE.	7,719.04	
11 66 13 00-0097 EA Life Fitness MTS Abdominal Crunch ..... Note: Life Fitness model number MTSAB.	9,316.64	
11 66 13 00-0098 EA Life Fitness MTS Chest Press ..... Note: Life Fitness model number MTSCP.	9,582.90	
11 66 13 00-0099 EA Life Fitness MTS Incline Press ..... Note: Life Fitness model number MTSIP.	9,582.90	
<b>11 66 13 00-0100 Weight Machine Attachments</b> <small>(11 66 13 00-0065)</small>		
11 66 13 00-0101 EA Troy Tricep Rope With Solid Rubber Ends, Black ..... Note: Troy model number TR ATR-36.	111.83	
11 66 13 00-0102 EA Troy 20" Multi-Purposed Straight Bar ..... Note: Troy model number TR TSB-20S.	98.52	
11 66 13 00-0103 EA Intek Tricep Rope Rubber Ends..... Note: Intek model number H831R.	35.16	
11 66 13 00-0104 EA Intek Straight Curl Bar Attachment 20" ..... Note: Intek model number H790A20.	30.35	
<b>11 66 13 00-0105 Cardio Equipment</b> <small>(11 66 13 00-0018)</small>		
<b>11 66 13 00-0106 Cycles</b> <small>(11 66 13 00-0105)</small>		
11 66 13 00-0107 EA Precor C956 Experience Series, 16mph..... Note: Precor model number PRE C956I EXP.	14,631.30	
11 66 13 00-0108 EA Precor 556 Experience Series ..... Note: Precor model number PRE 556I EXP.	11,169.85	
11 66 13 00-0109 EA Precor 846 Upright Experience Series..... Note: Precor model number PRE 846U EXP.	5,844.53	

<b>11</b>	<b>11 Equipment</b>
	<b>11 60 Entertainment and Recreation Equipment</b>
	<b>11 66 Athletic Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66	13 00-0110	EA	Precor 846i Recumbent Experience Series ..... Note: Precor model number PRE 846R EXP.	6,377.06	
11 66	13 00-0111	EA	Life Fitness 95Ci Exercise Bike ..... Note: Life Fitness model number 95Ci-02 DOM.	5,322.65	
11 66	13 00-0112	EA	Life Fitness 95Ri Recumbent Exercise Bike ..... Note: Life Fitness model number 95Ri-02 DOM.	5,588.91	
<b>11 66</b>	<b>13 00-0113</b>		<b>Treadmills</b> <small>(11 66 13 00-0105)</small>		
11 66	13 00-0114	EA	Life Fitness 97Ti Treadmill..... Note: Life Fitness model number 97T-07 120V.	17,038.34	
<b>11 66</b>	<b>13 00-0115</b>		<b>Elliptical Cross-Trainers</b> <small>(11 66 13 00-0105)</small>		
11 66	13 00-0116	EA	Life Fitness 95Xi Elliptical Cross-Trainer ..... Note: Life Fitness model number 95X-03 DOM.	9,316.64	
<b>11 66</b>	<b>13 00-0117</b>		<b>Weight Room Mats</b> <small>(11 66 13 00-0018)</small>		
11 66	13 00-0118	EA	2" Thick Standard Folding Mat, 4' x 8'.....	651.34	
11 66	13 00-0119	EA	2" Thick Standard Folding Mat, 5' x 10'.....	699.73	
11 66	13 00-0120	EA	2" Thick Standard Folding Mat, 6' x 12'.....	1,215.11	
11 66	13 00-0121	EA	1-3/8" Thick Standard Folding Mat, 4' x 8'.....	651.35	
11 66	13 00-0122	EA	1-3/8" Thick Standard Folding Mat, 5' x 10'.....	835.23	
11 66	13 00-0123	EA	1-3/8" Thick Standard Folding Mat, 6' x 12'.....	1,215.11	
11 66	13 00-0124	EA	72" x 24" x 2" Wall Pad ..... Note: Manufactured using 7/16" wood backing, 18oz vinyl and have a 1" lip at top and bottom for attachment to wall.	214.46	
11 66	13 00-0125	EA	Wall Pad Aluminum Channeling, 6' Length..... Note: Includes top and bottom channel. Each channel is 6' in length and can hold 3 wall pads.	161.59	
11 66	13 00-0126	EA	6' L x 2' W Matt Truck, Tubular Steel Frame Covered ..... Note: With density fiberboard.	723.92	
11 66	13 00-0127	EA	8'-8" L x 4' W Matt Truck, 2" Galvanized Steel Tubing..... Note: With non-marring wheels.	752.97	
11 66	13 00-0128	EA	39.38" x 78.75" Grappling Mats, High-Density Polyurethane Foam..... Note: Fully sealed corners and rubber waffle anti-slip bottom.	388.32	
<b>11 66</b>	<b>13 00-0129</b>		<b>Wall Mounted Equipment</b> <small>(11 66 13)</small>		
11 66	13 00-0130	SET	Parallel Bars, Wall Mounted.....	5,381.53	676.83
<b>11 66 23</b>			<b>Gymnasium Equipment</b> <small>(11 66)</small>		
<b>11 66 23 13</b>			<b>Basketball Equipment</b> <small>(11 66 23)</small>		
<b>11 66 23 13-0001</b>			<b>Basketball Equipment</b> <small>(11 66 23 13)</small>		
11 66 23 13-0002	EA		Power Flex Goal, Fits Goal Mount Centers 5" x 4" To 5" x 4-1/2"..... Note: Porter athletic model # 00223-000.	733.00	58.92
11 66 23 13-0003	EA		Accu-Flex Goal, Fits Goal Mount Centers 5" x 4" To 5" x 4-1/2"..... Note: Porter athletic model # 00253-500.	952.90	76.59
11 66 23 13-0004	EA		Pro Pad Bolt-On Backboard Safety Padding, Any Color..... Note: Porter athletic model # 00326.	659.70	53.02
<b>11 66 23 13-0005</b>			<b>CPS Gym Equipment</b> <small>(11 66 23 13)</small>		
			Note: Floor to underside if joist at 23' with 6' spacing between beams.		
11 66 23 13-0006	EA		Ceiling Mounted Basketball Backstop..... Note: Forward folding-forward braced backstop, 42" x 72" glass backboard, break-away rim with net, bolt-on backboard padding, and auto-loc safety strap.	4,750.00	
11 66 23 13-0007	EA		Fixed Wall Mounted Basketball Backstop..... Note: 42" x 72" glass backboard, 7'-0" extension, break-away reim with net and bolt-on backboard padding.	2,850.00	
11 66 23 13-0008	EA		Replacement Backboard On Existing Structure..... Note: 42" x 72" glass backboard, 7'-0" extension, break-away reim with net, bolt-on backboard padding and conversion kit.	1,835.00	
11 66 23 13-0009	EA		Electric Motor And Key Switch Operator.....	858.00	
11 66 23 13-0010	EA		Manual Winch Operator.....	654.00	
11 66 23 13-0011	EA		Touch Pad Controller For Operator.....	2,550.00	
11 66 23 13-0012	EA		Pair Of Floor Sleeves For Volleyball.....	708.00	
11 66 23 13-0013	EA		Net, 2 Posts And Antenna For Volleyball.....	1,649.00	
11 66 23 13-0014	EA		Judge Stand For Volleyball.....	613.00	
11 66 23 13-0015	EA		Padding For Posts For Volleyball.....	536.00	
11 66 23 13-0016	EA		Padding For Judge Stand For Volleyball.....	413.00	
11 66 23 13-0017	EA		Transportation Cart For Volleyball.....	709.00	
11 66 23 13-0018	LF		Top Roll Divider Curtain.....	188.00	
11 66 23 13-0019	LF		Fold-Up Divider Curtain.....	153.00	
11 66 23 13-0020	EA		2' x 5' x 2" Class A Fire Rated Wall Padding.....	160.00	
11 66 23 13-0021	EA		2' x 6' x 2" Class A Fire Rated Wall Padding.....	182.00	
11 66 23 13-0022	EA		2' x 7' x 2" Class A Fire Rated Wall Padding.....	204.00	
<b>11 66 23 23</b>			<b>Volleyball Equipment</b> <small>(11 66 23)</small>		



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Athletic Equipment</b>	<b>11 66</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 23-0001	EA		Power Trak Aluminum Upright, 1 Pair (Porter Athletic 01951-000)..... Note: Excludes pads.	3,005.29	228.93
11 66 23 23-0002	EA		Power Trak Aluminum Upright, 1 Pair (Porter Athletic 01951-903)..... Note: Includes economy red pads.	3,767.62	287.00
11 66 23 23-0003	EA		Power Trak Aluminum Center Upright (Porter Athletic 01952-000) ..... Note: Excludes pads.	1,832.49	139.59
11 66 23 23-0004	EA		Power Trak Aluminum Center Upright (Porter Athletic 01952-903) ..... Note: Includes red pads.	2,272.29	182.64
11 66 23 23-0005	EA		Economy End Upright Padding, Each, Wrap Around Pads Only ..... Note: Porter Athletic model # 717-003.	879.60	70.70
11 66 23 23-0006	EA		Net Tension Cover Pads, 1 Pair ..... Note: Porter Athletic model # 00816-003.	197.91	15.91
11 66 23 23-0007	EA		32' L x 39" H Power Volleyball Net ..... Note: Porter Athletic model # 02255-000.	648.70	52.14
11 66 23 23-0008	EA		Steel Economy Volleyball Uprights, 1 Pair (Porter Athletic 00851-000)..... Note: Excludes pads.	2,345.60	188.53
11 66 23 23-0009	EA		Steel Economy Volleyball Uprights, 1 Pair (Porter Athletic 00851-903)..... Note: Includes red pads.	3,093.26	248.62
11 66 23 23-0010	EA		Steel Economy Volleyball Upright (Porter Athletic 00852-000)..... Note: Excludes pads.	1,531.97	123.13
11 66 23 23-0011	EA		Steel Economy Volleyball Upright (Porter Athletic 00852-903)..... Note: Includes red pad.	1,964.44	157.89
<b>11 66 23 53 Wall Padding (11 66 23)</b>					
11 66 23 53-0001			<b>Gymnasium Wall Padding (11 66 23 53)</b> Note: Includes wall padding, 7/16" thick oriented strand board backing with or without nailing strip, vinyl cover and mounting screws. Excludes removable wall attachment fittings. See CSI section 11 66 23 53-0008 for wall attachment fittings.		
11 66 23 53-0002	SF		2" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe)..... Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc. <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	16.88 5.87	1.96
11 66 23 53-0003	SF		3" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe)..... Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc. <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	22.70 5.87	2.16
11 66 23 53-0004	SF		2" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe) ..... <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	26.36 5.87	1.96
11 66 23 53-0005	SF		3" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe) ..... <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	41.38 5.87	2.16
11 66 23 53-0006	SF		2" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe) ..... <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	33.74 5.87	1.96
11 66 23 53-0007	SF		3" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe) ..... <i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>	50.19 5.87	2.16
11 66 23 53-0008			<b>Gymnasium Wall Padding Accessories (11 66 23 53)</b>		
11 66 23 53-0009	LF		"Z" Wall/Panel Attachment Clips For Wall Pads ..... Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.	10.38	2.86
11 66 23 53-0010	LF		Molding Channel Wall Attachment For Wall Pads ..... Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.	15.96	2.86
11 66 23 53-0011	LF		Floor Molding Channel Wall Attachment For Wall Pads ..... Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.	16.67	2.86
11 66 23 53-0012	EA		Single Or Double Gang Molded Inserts For Electrical Outlets For Wall Pads.....	54.50	
<b>11 66 23 63 Boxing Equipment (11 66 23)</b>					
11 66 23 63-0001			<b>Boxing (11 66 23 63)</b>		
11 66 23 63-0002	EA		Body Opponent Free Standing Heavybag .....	773.24	
11 66 23 63-0003	EA		200 Lb. Power Punching Heavybag..... Note: Ring Side model number LLHB 200S.	845.83	
11 66 23 63-0004	EA		Cleto Reyes Speed Bag ..... Note: Ring Side model number RESSB.	239.79	
11 66 23 63-0005	EA		Heavy-Duty Adjustable Speed Bag Platform ..... Note: Durable 11 gauge steel and oversized square tubing with 2" thick melamine board, Includes Super Swivel (PS-3). Excludes Speed Bag. Ring Side model number SBPLAT 2.	1,109.59	
<b>11 66 43 Interior Scoreboards (11 66)</b>					
11 66 43 00-0001			<b>Scoreboards (11 66 43)</b>		
11 66 43 00-0002	EA		8' x 3' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2700)..... Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls. <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i> <i>For Wireless Controls, Add</i>	5,465.25 -321.00 59.00 942.35	348.31



<b>11</b>	<b>11 Equipment</b>
	<b>11 60 Entertainment and Recreation Equipment</b>
	<b>11 66 Athletic Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66	43 00-0003	EA	8' x 6' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2750)..... Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls. <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i> <i>For Wireless Controls, Add</i>	7,973.21 -321.00 59.00 942.35	580.51
11 66	43 00-0004	EA	12' x 8' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2760)..... Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls. <i>For Scoreboard Only, No Controls, Deduct</i> <i>For Control Carrying Case, Add</i> <i>For Wireless Controls, Add</i>	12,519.35 -321.00 59.00 942.35	696.61

**11 68 Play Field Equipment and Structures (11 60)**

**11 68 13 Playground Equipment (11 68)**

See CSI section 32 31 13 13-0001 for augering holes and fill for posts.

11 68 13 00-0001			<b>Standalone Playground Equipment (11 68 13)</b>		
11 68 13 00-0002			<b>Ground Socket For Movable Posts (11 68 13 00-0001)</b>		
11 68 13 00-0003	PR		Ground Socket For 2-3/8" Post For Playground Equipment .....	338.98	71.68
11 68 13 00-0004	PR		Ground Socket For 3-1/2" Post For Playground Equipment .....	520.81	71.68
11 68 13 00-0005			<b>See-Saws (11 68 13 00-0001)</b>		
11 68 13 00-0006			<b>Steel See-Saw (11 68 13 00-0005)</b>		
11 68 13 00-0007	EA		2 Unit Steel See-Saw .....	2,857.26	441.14
11 68 13 00-0008	EA		4 Unit Steel See-Saw .....	4,629.80	521.31
11 68 13 00-0009	EA		6 Unit Steel See-Saw .....	6,420.25	637.17
11 68 13 00-0010			<b>14' Long Laminated Beam (11 68 13 00-0005)</b>		
11 68 13 00-0011	EA		Beam Is Supported By Two 12 In x 12 In Stepping Column Posts .....	3,040.76	390.06
11 68 13 00-0012	EA		Beam Is Supported By Two 8 In x 8 In Posts.....	2,106.79	347.47
11 68 13 00-0013			<b>Slides (11 68 13 00-0001)</b>		
11 68 13 00-0014	EA		8' Long x 4' High Slide With Stainless Steel Bed .....	3,364.02	504.42
11 68 13 00-0015	EA		12' Long x 6' High Slide With Stainless Steel Bed .....	4,715.01	716.82
11 68 13 00-0016	EA		16' Long x 8' High Slide With Stainless Steel Bed .....	5,222.27	796.46
11 68 13 00-0017	EA		20' Long x 10' High Slide With Stainless Steel Bed .....	6,546.97	882.27
11 68 13 00-0018	EA		6' High, 360 Degree One Piece Molded Polyethylene Slide .....	23,242.89	1,387.86
11 68 13 00-0019	EA		7' High, 360 Degree Slide, Stainless Steel Bed .....	20,313.43	1,431.73
11 68 13 00-0020	EA		9' High, 360 Degree Slide, Stainless Steel Bed .....	25,545.83	1,504.78
11 68 13 00-0021			<b>Whirlers (11 68 13 00-0001)</b>		
11 68 13 00-0022	EA		8' Diameter Whirler .....	7,693.26	955.76
11 68 13 00-0023	EA		10' Diameter Whirler .....	8,933.89	1,146.91
11 68 13 00-0024			<b>Other Standalone Playground Equipment (11 68 13 00-0001)</b>		
11 68 13 00-0025			<b>Miscellaneous Standalone Playground Equipment (11 68 13 00-0024)</b>		
11 68 13 00-0026	EA		Horizontal Ladder .....	2,452.75	255.35
11 68 13 00-0027	EA		Tether Ball Post .....	416.39	49.91
11 68 13 00-0028	PR		10'-6" Long Multiple Purpose Post.....	635.47	88.25
11 68 13 00-0029	EA		3-Person Fiberglass Golf Tee Shelter Turntable.....	9,975.70	249.34
11 68 13 00-0030	EA		Horizontal Turning Bars, 1 Bar.....	782.23	133.24
11 68 13 00-0031	EA		Horizontal Turning Bars, 2 Bars.....	1,057.69	159.26
11 68 13 00-0032	EA		Horizontal Turning Bars, 3 Bars.....	1,426.15	212.34
11 68 13 00-0033	EA		Horizontal Turning Bars, 5 Bars.....	2,086.10	291.98
11 68 13 00-0034	EA		Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole.....	2,191.42	121.57
11 68 13 00-0035	EA		Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole.....	2,412.82	131.23
11 68 13 00-0036	EA		Coil Spring With Single Riding Aluminum Saddle Devices .....	2,360.43	140.68
11 68 13 00-0037	EA		"C" Spring With Single Riding Aluminum Saddle Devices .....	2,311.35	121.03
11 68 13 00-0038	EA		Rubber Spring With Single Riding Aluminum Saddle Devices .....	2,846.60	158.52
11 68 13 00-0039	EA		Coil Spring Assembly Only .....	599.79	58.29
11 68 13 00-0040	EA		"C" Spring Assembly Only .....	398.54	38.86
11 68 13 00-0041	EA		Rubber Spring Assembly Only .....	277.00	75.81
11 68 13 00-0042	EA		Footbuck Assembly Only .....	103.58	10.19
11 68 13 00-0043	EA		Two Seat, Two Spring Action Cars (4'-8" x 2'-8").....	2,683.51	145.78
11 68 13 00-0044			<b>Freestanding Panels (11 68 13 00-0024)</b> Note: Rotomolded polyethylene.		
11 68 13 00-0045	EA		Tic-Tac-Toe Panel .....	1,142.66	62.43
11 68 13 00-0046	EA		24" Bubble Panel .....	1,711.77	93.54
11 68 13 00-0047	EA		Fire Engine Panel .....	2,512.08	137.28
11 68 13 00-0048	EA		Flat Mirror Panel .....	2,009.67	109.89
11 68 13 00-0049	EA		Wavy Mirror Panel .....	2,974.47	162.66



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0050 EA Paint Time Panel.....	1,929.62	105.54
11 68 13 00-0051 EA Phone Time Panel.....	1,369.41	74.85
11 68 13 00-0052 EA Phone Time With Graphic Panel.....	1,369.41	74.85
11 68 13 00-0053 EA Race Time Panel.....	2,400.92	131.23
11 68 13 00-0054 EA Rescue 911 Panel.....	2,436.56	131.23
11 68 13 00-0055 EA Eastern/Central/Western States Panel.....	1,311.61	71.67
11 68 13 00-0056 EA Career People Panel.....	1,489.44	81.44
11 68 13 00-0057 EA Solar System Panel.....	1,489.44	81.44
11 68 13 00-0058 EA Animals Panel.....	1,489.44	81.44
<b>11 68 13 00-0059 Freestanding Panels Uprights (11 68 13 00-0024)</b>		
11 68 13 00-0060 EA 3-1/2" Outside Diameter End Panel Upright.....	355.10	35.04
11 68 13 00-0061 EA 3-1/2" Outside Diameter 90 Degree Upright.....	384.71	37.90
11 68 13 00-0062 EA 3-1/2" Outside Diameter 180 Degree Upright.....	384.71	37.90
11 68 13 00-0063 EA 3-1/2" Outside Diameter "T-Shaped" Upright.....	409.37	40.34
<b>11 68 13 00-0064 Coasters (11 68 13 00-0024)</b>		
11 68 13 00-0065 EA 12' Single Metal Coaster With Four Posts.....	8,837.13	424.70
11 68 13 00-0066 EA 18' Single Metal Coaster With Four Posts.....	9,884.02	530.87
11 68 13 00-0067 EA 12' Double Metal Coaster With Four Posts.....	14,293.05	637.04
11 68 13 00-0068 EA 18' Double Metal Coaster With Four Posts.....	16,257.14	796.30
<b>11 68 13 00-0069 Climbers (11 68 13 00-0024)</b>		
11 68 13 00-0070 EA Tower Climber, 3.17' Diameter x 7.25' High.....	1,627.49	283.70
11 68 13 00-0071 EA Arch Climber, 2' x 12' x 4.5' High.....	1,483.74	347.40
11 68 13 00-0072 EA Arch Climber, 2' x 15' x 5.83' High.....	1,610.80	283.70
11 68 13 00-0073 EA Arch Climber, 2' x 17' x 6.58' High.....	1,731.14	347.40
11 68 13 00-0074 EA Rainbow Climber, 2' x 10'-5" x 4' High.....	1,853.94	283.38
11 68 13 00-0075 EA Rainbow Climber, 2' x 10'-5" x 5' High.....	2,076.69	283.49
11 68 13 00-0076 EA Rainbow Climber, 2' x 12'-5" x 6' High.....	2,417.97	283.49
11 68 13 00-0077 EA Rainbow Climber, 2' x 15'-4" x 7' High.....	2,641.09	283.38
11 68 13 00-0078 EA Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section.....	3,186.28	331.79
11 68 13 00-0079 EA 12' Long Horizontal Ladder Climber.....	2,593.84	247.75
11 68 13 00-0080 EA 14' Long Horizontal Ladder Climber.....	2,631.39	247.75
11 68 13 00-0081 EA 16' Long Horizontal Ladder Climber.....	2,879.97	247.75
11 68 13 00-0082 EA Bell Climber, 7'-5" High With Double Bars.....	2,711.43	318.52
11 68 13 00-0083 EA 2-Way Climber.....	2,275.69	255.35
11 68 13 00-0084 EA 4-Way Climber.....	3,625.11	255.35
<b>11 68 13 00-0085 Swings (11 68 13 00-0001)</b>		
<b>11 68 13 00-0086 Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail (11 68 13 00-0085)</b>		
Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0087 EA 8' High Top Rail, One Section Two Seats.....	2,137.88	390.06
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0088 EA 8' High Top Rail, Two Sections Four Seats.....	3,412.61	558.16
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0089 EA 8' High Top Rail, Three Sections, Six Seats.....	4,721.80	821.32
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0090 EA 8' High Top Rail, Four Sections, Eight Seats.....	5,917.74	955.76
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0091 EA 10' High Top Rail, One Section Two Seats.....	2,281.68	390.06
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0092 EA 10' High Top Rail, Two Section Four Seats.....	3,565.67	594.48
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0093 EA 10' High Top Rail, Three Sections, Six Seats.....	4,922.63	923.15
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0094 EA 10' High Top Rail, Four Sections, Eight Seats.....	6,522.91	1,115.05
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<b>11 68 13 00-0095 Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail (11 68 13 00-0085)</b>		
Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096 EA 8' High Top Rail, One Section, Two Seats.....	2,451.28	344.50
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		
11 68 13 00-0097 EA 8' High Top Rail, Two Sections, Four Seats.....	3,557.85	499.86
<i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i>		
<i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>		

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0098	EA		8' High Top Rail, Three Sections, Six Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	4,746.56 559.90 663.52	668.50
11 68 13 00-0099	EA		8' High Top Rail, Four Sections, Eight Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	5,932.76 701.77 839.09	796.46
11 68 13 00-0100	EA		10' High Top Rail, One Section, Two Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	2,764.37 326.14 386.71	388.25
11 68 13 00-0101	EA		10' High Top Rail, One Section Three Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	2,887.94 341.38 407.33	411.72
11 68 13 00-0102	EA		10' High Top Rail, Two Sections, Four Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	3,859.12 455.21 539.46	543.51
11 68 13 00-0103	EA		10' High Top Rail, Two Sections, Six Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	4,645.18 550.80 663.66	626.55
11 68 13 00-0104	EA		10' High Top Rail, Three Section, Six Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	5,136.97 605.97 718.19	723.09
11 68 13 00-0105	EA		10' High Top Rail, Three Sections, Nine Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	6,402.04 760.43 921.21	796.78
11 68 13 00-0106	EA		10' High Top Rail, Four Section, Eight Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	6,513.84 766.43 900.93	955.76
11 68 13 00-0107	EA		12' High Top Rail, One Section Three Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	3,020.85 357.52 428.19	421.70
11 68 13 00-0108	EA		12' High Top Rail, Two Sections, Six Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	4,914.54 582.00 698.44	678.48
11 68 13 00-0109	EA		12' High Top Rail, Three Sections, Nine Seats ..... <i>For Extra Heavy-Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	7,153.46 841.09 986.37	1,086.69
11 68 13 00-0110			<b>Swing Accessories</b> <small>(11 68 13 00-0095)</small>		
11 68 13 00-0111	EA		Enclosed Tot Seat With Chain And Hardware .....	721.50	32.02
11 68 13 00-0112	EA		Bucket Seat With Chain And Hardware .....	599.81	26.63
11 68 13 00-0113	EA		Belt Seat With Chain And Hardware .....	638.92	28.43
11 68 13 00-0114	EA		Seat With Chain And Hardware .....	630.23	28.01
11 68 13 00-0115	EA		Wide Seat With Chain And Hardware .....	665.25	29.59
11 68 13 00-0116	EA		Handi Seat With Chain And Hardware.....	1,986.31	88.26
11 68 13 00-0117	LF		0.4 Lb./LF Replacement Chain .....	8.28	0.63
11 68 13 00-0118	LF		1 Lb./LF Replacement Chain .....	15.38	1.26
11 68 13 00-0119	EA		Swing Hanger Replacement .....	89.93	7.29
11 68 13 00-0120			<b>Modular Playground Stations</b> <small>(11 68 13)</small> Note: Complete as described.		
11 68 13 00-0121			<b>"Pipeline" Or Equal</b> <small>(11 68 13 00-0120)</small>		
11 68 13 00-0122	EA		Pipeline 9604 With Roofs.....	24,986.29	1,334.18
11 68 13 00-0123	EA		Pipeline 9608 With Roofs.....	58,060.33	3,099.84
11 68 13 00-0124	EA		Pipeline 9613 With Roofs.....	71,066.29	3,796.76
11 68 13 00-0125	EA		Pipeline 9615 With Roofs.....	37,479.45	2,001.27
11 68 13 00-0126	EA		Pipeline 9616 With Roofs.....	36,411.59	1,944.15
11 68 13 00-0127	EA		Pipeline 9617 With Roofs.....	55,420.33	2,960.12
11 68 13 00-0128	EA		Pipeline 9618 With Roofs.....	40,949.32	2,186.33
11 68 13 00-0129	EA		Pipeline 9620 With Roofs.....	66,392.42	3,546.19
11 68 13 00-0130	EA		Pipeline 9621 With Roofs.....	47,594.35	2,540.20
11 68 13 00-0131	EA		Pipeline 9623 With Roofs.....	56,249.81	3,005.24
11 68 13 00-0132	EA		Pipeline 9626 With Roofs.....	53,204.09	2,841.52
11 68 13 00-0133	EA		Pipeline 9629 With Roofs.....	62,376.70	3,326.63
11 68 13 00-0134	EA		Pipeline 9631 With Roofs.....	77,857.85	4,152.44
11 68 13 00-0135	EA		Pipeline 9636 With Roofs.....	52,720.78	2,814.44
11 68 13 00-0136	EA		Pipeline 9639 With Roofs.....	131,980.78	7,036.11
11 68 13 00-0137	EA		Pipeline 9641 With Roofs.....	118,129.60	6,309.99
11 68 13 00-0138	EA		Pipeline 9645 With Roofs.....	65,061.15	3,476.65
11 68 13 00-0139	EA		Pipeline 9651 With Roofs.....	47,169.56	2,518.64
11 68 13 00-0140	EA		Pipeline 9653 With Roofs.....	55,559.38	2,969.99
11 68 13 00-0141	EA		Pipeline 9656 With Roofs.....	80,053.21	4,272.53
11 68 13 00-0142	EA		Pipeline 9658 With Roofs.....	49,920.90	2,666.34
11 68 13 00-0143	EA		Pipeline 9659 With Roofs.....	31,608.63	1,688.69
11 68 13 00-0144	EA		Pipeline 9661 With Roofs.....	36,411.59	1,944.15
11 68 13 00-0145	EA		Pipeline 9662 With Roofs.....	34,385.88	1,837.44
11 68 13 00-0146	EA		Pipeline 9664 With Roofs.....	130,844.68	6,980.69
11 68 13 00-0147	EA		Pipeline 9665 With Roofs.....	75,879.51	4,057.42
11 68 13 00-0148	EA		Pipeline 9667 With Roofs.....	67,327.66	3,596.52
11 68 13 00-0149	EA		Pipeline 9671 With Roofs.....	95,920.60	5,124.57
11 68 13 00-0150	EA		Pipeline 9675 With Roofs, Phase 1 .....	57,423.73	3,067.67



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0151 EA Pipeline 9675 With Roofs, Phase 2 .....	24,402.83	1,304.65
11 68 13 00-0152 EA Pipeline 9675 With Roofs, Phase 3 .....	78,902.34	4,221.67
11 68 13 00-0153 EA Pipeline 9679 With Roofs .....	65,897.08	3,525.07
11 68 13 00-0154 EA Pipeline 9681 With Roofs .....	95,021.81	5,080.50
11 68 13 00-0155 EA Pipeline 9683 With Roofs .....	54,545.84	2,916.27
11 68 13 00-0156 EA Pipeline 9686 With Roofs .....	72,864.11	3,896.88
11 68 13 00-0157 EA Pipeline 9690 With Roofs .....	65,194.03	3,483.45
11 68 13 00-0158 EA Pipeline 9693 With Roofs .....	40,183.64	2,149.16
11 68 13 00-0159 EA Pipeline 9696 With Roofs .....	54,393.21	2,911.49
11 68 13 00-0160 EA Pipeline 9698 With Roofs .....	94,048.28	5,022.96
11 68 13 00-0161 "Miracle" Or Equal <small>(11 68 13 00-0120)</small>		
11 68 13 00-0162 EA Miracle 714-029 .....	157,478.06	11,042.04
11 68 13 00-0163 EA Miracle 714-030 .....	63,456.12	4,448.66
11 68 13 00-0164 EA Miracle 714-031 .....	81,618.92	5,722.75
11 68 13 00-0165 EA Miracle 714-055 .....	248,551.23	17,380.60
11 68 13 00-0166 EA Miracle 714-059 .....	114,845.09	8,037.33
11 68 13 00-0167 EA Miracle 714-038 .....	13,269.45	927.96
11 68 13 00-0168 EA Miracle 714-053 .....	90,485.76	6,327.94
11 68 13 00-0169 EA Miracle 714-050 .....	64,001.55	4,480.52
11 68 13 00-0170 EA Miracle 714-056 .....	225,192.95	15,734.90
11 68 13 00-0171 EA Miracle 714-020 .....	98,101.63	6,858.81
11 68 13 00-0172 EA Miracle 714-035 .....	80,012.04	5,584.72
11 68 13 00-0173 EA Miracle 714-021 .....	108,254.47	7,559.55
11 68 13 00-0174 EA Miracle 714-034 .....	120,882.92	8,440.79
11 68 13 00-0175 EA Miracle 714-025 .....	43,215.19	3,015.32
11 68 13 00-0176 EA Miracle 714-027 .....	55,904.45	3,907.19
11 68 13 00-0177 EA Miracle 714-057 .....	56,791.10	3,970.89
11 68 13 00-0178 EA Miracle 714-061 .....	65,561.98	4,586.69
11 68 13 00-0179 EA Miracle 714-003 .....	75,601.59	5,287.43
11 68 13 00-0180 EA Miracle 714-002-1 .....	79,071.46	5,531.64
11 68 13 00-0181 EA Miracle 714-018 .....	63,302.54	4,427.43
11 68 13 00-0182 EA Miracle 714-019 .....	40,463.69	2,824.21
11 68 13 00-0183 EA Miracle 714-023 .....	30,372.24	2,123.47
11 68 13 00-0184 EA Miracle 714-010 .....	69,400.23	4,852.13
11 68 13 00-0185 EA Miracle 718-008 .....	28,577.97	1,996.06
11 68 13 00-0186 EA Miracle 718-002 .....	42,442.02	2,972.85
11 68 13 00-0187 EA Miracle 718-010 .....	27,479.26	1,921.74
11 68 13 00-0188 EA Miracle 718-005 .....	38,812.31	2,723.35
11 68 13 00-0189 EA Miracle 718-854 .....	3,365.83	233.58
11 68 13 00-0190 EA Miracle 1314-2 .....	2,203.59	153.95
11 68 13 00-0191 EA Miracle 718-009 .....	11,859.41	829.21
11 68 13 00-0192 EA Miracle 718-014 .....	36,650.14	2,558.78
11 68 13 00-0193 EA Miracle 718-012 .....	21,172.59	1,475.81
11 68 13 00-0194 EA Miracle 718-001 .....	33,887.93	2,367.66
11 68 13 00-0195 EA Miracle 718-011 .....	19,520.35	1,359.02
11 68 13 00-0196 EA Miracle 162-422 .....	209,583.25	14,609.47
11 68 13 00-0197 EA Miracle 162-440 .....	88,658.47	6,189.91
11 68 13 00-0198 EA Miracle 162-438 .....	175,467.23	12,252.41
11 68 13 00-0199 EA Miracle 162-435-1 .....	36,240.68	2,526.93
11 68 13 00-0200 EA Miracle 162-411 .....	154,411.95	10,765.99
11 68 13 00-0201 EA Miracle 162-495 .....	41,071.09	2,866.68
11 68 13 00-0202 EA Miracle 162-436 .....	78,394.06	5,457.32
11 68 13 00-0203 EA Miracle 162-408 .....	109,280.52	7,623.26
11 68 13 00-0204 EA Miracle 137A .....	17,975.68	1,252.85
11 68 13 00-0205 EA Miracle 136A .....	12,921.24	902.47
11 68 13 00-0206 EA Miracle 134RA .....	10,473.15	732.60
11 68 13 00-0207 EA Miracle 138RA .....	16,818.97	1,167.91
11 68 13 00-0208 EA Miracle 121-112A .....	8,044.08	562.72
11 68 13 00-0209 EA Miracle 105-22A .....	11,225.00	785.68
11 68 13 00-0210 EA Miracle 132-31A .....	12,066.25	838.77
11 68 13 00-0211 EA Miracle 132-71A .....	23,022.71	1,603.22
11 68 13 00-0212 EA Miracle Twin Rider 608-1 .....	2,586.71	180.49
11 68 13 00-0213 EA Miracle Twin Bear Rider 608-2 .....	5,252.28	365.24
11 68 13 00-0214 EA Miracle 4-way Animal Hop 926 .....	9,894.77	690.13
11 68 13 00-0215 EA Miracle Spaceship Columbia 939 .....	3,149.27	222.96
11 68 13 00-0216 EA Miracle Grad Prix 950 .....	3,675.06	254.81
11 68 13 00-0217 EA Miracle Moto-Cross With "C" Spring .....	2,486.84	169.88
11 68 13 00-0218 EA Miracle Rodeo Rider With "C" Spring 901 .....	1,614.07	111.49
11 68 13 00-0219 EA Miracle Frog With "C" Spring 932 .....	1,614.07	112.54
11 68 13 00-0220 EA Miracle Jet Interceptor With "C" Spring 940 .....	1,614.07	112.54
11 68 13 00-0221 EA Miracle Elephant With "C" Spring 938 .....	1,614.07	112.54
11 68 13 00-0222 EA Miracle Lion With "C" Spring 917 .....	1,614.07	112.54
11 68 13 00-0223 EA Miracle Schnozz Womp With "C" Spring 933 .....	1,614.07	112.54
11 68 13 00-0224 EA Miracle Squirrel With "C" Spring 918 .....	1,614.07	112.54
11 68 13 00-0225 EA Miracle Seal With "C" Spring 919 .....	1,614.07	112.54
11 68 13 00-0226 EA Miracle 13' Geodesic Climber 402-2 .....	7,576.29	530.87
11 68 13 00-0227 EA Miracle Parallel Bars 850-285-2 .....	1,184.05	82.82
11 68 13 00-0228 EA Miracle 4-way Climber 410 .....	5,914.44	414.08
11 68 13 00-0229 EA Miracle Spider Climber 409 .....	2,655.07	185.81

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

11 68	13 00-0230	EA	Miracle Horizontal Ladder 411 .....	2,734.10	191.11
11 68	13 00-0231	EA	Miracle Whirl 302 .....	6,146.23	424.70
11 68	13 00-0232	EA	Miracle Junior Whirl 300 .....	4,726.53	329.13
11 68	13 00-0233	EA	Miracle Pony Express 321 .....	13,506.78	944.94
11 68	13 00-0234	EA	Miracle Mustang Whirl 301 .....	9,195.55	637.04

**11 68 13 00-0235 "Gametime" Or Equal (11 68 13 00-0120)**

11 68	13 00-0236	EA	Criss Cross G85203 .....	82,679.26	11,099.99
11 68	13 00-0237	EA	Sliding Home G85201 .....	97,585.81	13,319.99
11 68	13 00-0238	EA	Pathfinder G85192 .....	63,837.80	8,879.99
11 68	13 00-0239	EA	Round The Way G85194 .....	60,162.69	8,879.99
11 68	13 00-0240	EA	Run For Fun G85195 .....	37,510.30	4,995.00
11 68	13 00-0241	EA	Curve Play G85199 .....	33,093.84	4,995.00
11 68	13 00-0242	EA	X-Power G85198 .....	48,414.63	7,769.99
11 68	13 00-0243	EA	Lake Hills Loop G85200 .....	58,357.39	8,879.99
11 68	13 00-0244	EA	Tunnel Of Fun G85197 .....	26,383.73	4,439.99
11 68	13 00-0245	EA	Mega Motion G85191 .....	95,510.06	13,319.99
11 68	13 00-0246	EA	Supercenter G85169 .....	101,203.26	13,319.99
11 68	13 00-0247	EA	Dreamland G85179 .....	75,873.54	9,990.00
11 68	13 00-0248	EA	Champion's Challenge G85150 .....	102,059.92	13,319.99
11 68	13 00-0249	EA	Playville Acres G85160 .....	84,446.12	11,099.99
11 68	13 00-0250	EA	Play Paradise G85159 .....	85,028.20	11,099.99
11 68	13 00-0251	EA	Tubes N' Trails G85166 .....	68,546.67	8,879.99
11 68	13 00-0252	EA	Meadow Place G85172 .....	36,762.09	4,995.00
11 68	13 00-0253	EA	Recreation Retreat G85170 .....	120,593.26	15,539.99
11 68	13 00-0254	EA	Cobblestone Way G85165 .....	47,578.57	7,769.99
11 68	13 00-0255	EA	Parallel Play II G85112 .....	87,926.29	11,099.99
11 68	13 00-0256	EA	Parallel Play II Without Roofs G85167 .....	84,448.86	11,099.99
11 68	13 00-0257	EA	Activity Place G85149 .....	47,026.68	7,769.99
11 68	13 00-0258	EA	Meadow Grove G85164 .....	47,286.15	7,769.99
11 68	13 00-0259	EA	Ramp Ridge G85162 .....	88,513.87	11,099.99
11 68	13 00-0260	EA	Park Place G85163 .....	26,537.49	4,439.99
11 68	13 00-0261	EA	Crescent Loop G85127 .....	62,515.75	8,879.99
11 68	13 00-0262	EA	Midland Meadows G85143 .....	42,590.38	6,659.99
11 68	13 00-0263	EA	My Place G85177 .....	46,636.79	7,769.99
11 68	13 00-0264	EA	Forest Hills G85125 .....	100,796.90	13,319.99
11 68	13 00-0265	EA	Room For Everyone G85136 .....	117,380.80	15,539.99
11 68	13 00-0266	EA	Access Plus G85189 .....	172,509.68	22,199.98
11 68	13 00-0267	EA	Ultimate Access G85202 .....	158,031.75	19,979.98
11 68	13 00-0268	EA	Timberline G11812 .....	42,058.31	6,659.99
11 68	13 00-0269	EA	Carnival Corner G11788 .....	35,803.47	4,995.00
11 68	13 00-0270	EA	Straight Arrow G11817 .....	41,779.14	6,659.99
11 68	13 00-0271	EA	School Days G11795 .....	28,171.40	4,439.99
11 68	13 00-0272	EA	Just Enough G11811 .....	10,868.05	1,110.00
11 68	13 00-0273	EA	Oakdale Place G11796 .....	34,822.15	4,995.00
11 68	13 00-0274	EA	Field Of Fun G11792 .....	30,440.02	4,439.99
11 68	13 00-0275	EA	Turnabout G11791 .....	49,058.72	7,769.99
11 68	13 00-0276	EA	Recess Ridge G11793 .....	29,176.70	4,439.99
11 68	13 00-0277	EA	KidHaven G11794 .....	18,239.47	2,497.49
11 68	13 00-0278	EA	Springhill Square G11781 .....	37,171.13	4,995.00
11 68	13 00-0279	EA	Crestview Circle G11782 .....	52,991.08	7,769.99
11 68	13 00-0280	EA	Totttime - Rascal G11714 .....	19,294.13	2,775.00
11 68	13 00-0281	EA	Jr Skill Builder G11744 .....	26,228.49	4,439.99
11 68	13 00-0282	EA	Kidcourse - Trainer G11710 .....	6,725.61	1,110.00
11 68	13 00-0283	EA	Kidcourse - Competitor G11712 .....	19,611.37	2,775.00
11 68	13 00-0284	EA	Kidcourse - Challenger G11711 .....	9,281.82	832.50
11 68	13 00-0285	EA	Contender G11735 .....	9,912.18	1,665.00
11 68	13 00-0286	EA	6'-0" S.S. Straight Chuter 8681 .....	6,475.85	416.25
11 68	13 00-0287	EA	8'-0" S.S. Straight Chuter 8682 .....	8,165.57	693.75
11 68	13 00-0288	EA	Wishbone Slide 18290 .....	7,836.45	693.75
11 68	13 00-0289	EA	Flip Slide 18293 .....	5,687.95	416.25
11 68	13 00-0290	EA	Little Foot Slide 18294 .....	3,930.98	277.50
11 68	13 00-0291	EA	Bigfoot Slide G81713 .....	10,118.81	832.50
11 68	13 00-0292	EA	Dragon Slide G81722 .....	9,862.05	832.50
11 68	13 00-0293	EA	F5 Slide Without Arch G81733 .....	9,105.13	832.50
11 68	13 00-0294	EA	F5 Slide With Arch G81734 .....	9,807.14	832.50
11 68	13 00-0295	EA	3' Rumble & Roll Zip Slide 18392 .....	4,377.90	277.50
11 68	13 00-0296	EA	4' Zip Slide 18393 .....	4,411.29	277.50
11 68	13 00-0297	EA	4' Double Zip Slide 18394 .....	5,360.51	416.25
11 68	13 00-0298	EA	6' Wave Zip Slide 18395 .....	5,315.42	416.25
11 68	13 00-0299	EA	6' Dueling Wave Zip Slide 18396 .....	5,896.47	416.25
11 68	13 00-0300	EA	8' Zip Slide 81738 .....	7,399.18	693.75
11 68	13 00-0301	EA	8' Zip Slide With Gizmo 81739 .....	7,955.19	693.75
11 68	13 00-0302	EA	Whale Animal 283 .....	1,340.90	208.13
11 68	13 00-0303	EA	Two Seater Taxi 6059 .....	1,761.42	277.50
11 68	13 00-0304	EA	Enclosed Tot Seat Package CC1464 .....	602.06	69.38
11 68	13 00-0305	EA	Enclosed Tot Seat Package 1464 .....	513.94	69.38
11 68	13 00-0306	EA	Super Seat 2 Package CC1467 .....	542.14	69.38
11 68	13 00-0307	EA	Super Seat 2 Package 1467 .....	454.02	69.38
11 68	13 00-0308	EA	Belt Seat Package CC1468 .....	489.27	69.38





<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0309	EA		Belt Seat Package 1468 .....	401.15	69.38
11 68 13 00-0310	EA		Primetime Swing Frame 12583.....	2,424.37	555.00
11 68 13 00-0311	EA		Primetime Swing Add-A-Bay 12584.....	1,404.20	277.50
11 68 13 00-0312	EA		"S" Hook 1 .....	15.08	6.94
11 68 13 00-0313	EA		Chain (Per Foot) 80 .....	9.56	3.47
11 68 13 00-0314	EA		10' 3-Leg Traditional Swing P1002 .....	2,483.65	693.75
11 68 13 00-0315	EA		10' 2 Place Traditional Add-A-Bay P1003 .....	1,145.81	346.88
11 68 13 00-0316	EA		Heavy-Duty Chain (Per Foot) 1080.....	12.57	3.47
11 68 13 00-0317	EA		8' 2 Place Traditional Swing P1181 .....	2,294.14	555.00
11 68 13 00-0318	EA		8' 2 Place Traditional Add-A-Bay P1182 .....	1,115.34	277.50
11 68 13 00-0319	EA		10' 2 Place Traditional Swing P1183 .....	2,369.27	555.00
11 68 13 00-0320	EA		10' 2 Place Traditional Add-A-Bay P1184.....	1,294.41	346.88
11 68 13 00-0321	EA		8' 2 Place Modern Swing P1238 .....	2,212.32	555.00
11 68 13 00-0322	EA		8' 2 Place Modern Add-A-Bay P1239 .....	1,033.53	277.50
11 68 13 00-0323	EA		10' 2 Place Modern Add-A-Bay P1240 .....	1,880.06	277.50
11 68 13 00-0324	EA		10' 2 Place Modern Add-A-Bay P1241 .....	1,215.94	346.88
11 68 13 00-0325	EA		8' 3-Leg Heavy-Duty Modern Swing P1260.....	2,330.87	555.00
11 68 13 00-0326	EA		8' 3-Leg Heavy-Duty Modern Add-A-Bay P1263 .....	1,152.08	277.50
11 68 13 00-0327	EA		10' 3-Leg Heavy-Duty Modern Swing P1264 .....	2,687.35	693.75
11 68 13 00-0328	EA		10' 3-Leg Heavy-Duty Modern Add-A-Bay P1267 .....	1,329.48	346.88
11 68 13 00-0329	EA		2-3/8" Swing Hanger 1461.....	121.26	34.68
11 68 13 00-0330	EA		3-1/2" Swing Hanger 1462.....	123.02	34.68
11 68 13 00-0331	EA		5" Swing Hanger 1463.....	138.88	34.68
11 68 13 00-0332	EA		S Hook Pliers 4248 .....	391.45	
11 68 13 00-0333	EA		8' 3-Leg Traditional Swing P8002.....	2,095.45	555.00
11 68 13 00-0334	EA		8' 2 Place Traditional Add-A-Bay P8003.....	971.75	277.50
11 68 13 00-0335	EA		Tire Swing Swivel Assembly 159194.....	778.44	138.75
11 68 13 00-0336	EA		Tire Swing Chain 44-1/8" 176318.....	73.58	34.68
11 68 13 00-0337	EA		Plastic Tire Seat 300196.....	382.63	138.75
11 68 13 00-0338	EA		Tire Seat Support Ring 304005 .....	138.23	34.68
11 68 13 00-0339	EA		Enclosed Tot Seat, 2-3/8" CC1469 .....	575.63	69.38
11 68 13 00-0340	EA		Enclosed Tot Seat, 2-3/8" 1469 .....	487.50	69.38
11 68 13 00-0341	EA		Enclosed Tot Seat, 3-1/2" CC1470.....	587.96	69.38
11 68 13 00-0342	EA		Enclosed Tot Seat, 3-1/2" 1470 .....	499.84	69.38
11 68 13 00-0343	EA		Super Seat-2, 2-3/8" CC1477 .....	540.38	69.38
11 68 13 00-0344	EA		Super Seat-2, 2-3/8" 1477 .....	427.58	69.38
11 68 13 00-0345	EA		Super Seat-2, 2-3/8" CC1478 .....	515.70	69.38
11 68 13 00-0346	EA		Super Seat-2, 3-1/2" CC1479 .....	552.72	69.38
11 68 13 00-0347	EA		Super Seat-2, 3-1/2" 1479 .....	439.92	69.38
11 68 13 00-0348	EA		Super Seat-2, 3-1/2" CC1480 .....	528.04	69.38
11 68 13 00-0349	EA		Belt Seat, 2-3/8" CC1481.....	487.50	69.38
11 68 13 00-0350	EA		Belt Seat, 2-3/8" 1481.....	374.71	69.38
11 68 13 00-0351	EA		Belt Seat, 2-3/8" CC1482.....	462.83	69.38
11 68 13 00-0352	EA		Belt Seat, 3-1/2" CC1483.....	499.84	69.38
11 68 13 00-0353	EA		Belt Seat, 3-1/2" 1483.....	387.05	69.38
11 68 13 00-0354	EA		Cushion Bumper Belt Seat CC1484 .....	475.17	69.38
11 68 13 00-0355	EA		Handi-Swing Seat 155327 .....	1,423.92	208.13
11 68 13 00-0356	<b>Playground Equipment (Landscape Structures®) (11 68 13)</b>				
Note: Excludes excavation and concrete footings.					
11 68 13 00-0357	<b>Playground Equipment (Landscape Structures® PlayShaper®) (11 68 13 00-0356)</b>				
Note: Ages 2 to 5 years.					
11 68 13 00-0358	EA		El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A).....	3,060.43	138.75
11 68 13 00-0359	EA		SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A).....	7,759.26	520.31
11 68 13 00-0360	EA		Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A).....	3,190.29	138.75
11 68 13 00-0361	EA		Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A).....	3,649.14	208.13
11 68 13 00-0362	EA		Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A).....	3,101.85	208.13
11 68 13 00-0363	EA		Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A).....	2,457.49	138.75
11 68 13 00-0364	EA		Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B).....	2,726.49	138.75
11 68 13 00-0365	EA		Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A).....	2,095.73	138.75
11 68 13 00-0366	EA		32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A).....	5,953.24	416.25
11 68 13 00-0367	EA		40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B).....	6,862.29	416.25
11 68 13 00-0368	EA		48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C).....	7,391.02	416.25
11 68 13 00-0369	EA		Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A).....	2,100.69	69.38
11 68 13 00-0370	EA		Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A).....	2,142.11	138.75
11 68 13 00-0371	EA		32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A).....	2,842.12	208.13
11 68 13 00-0372	EA		40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B).....	3,166.78	208.13
11 68 13 00-0373	EA		48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C).....	3,528.55	208.13
11 68 13 00-0374	EA		Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A).....	2,040.07	138.75
11 68 13 00-0375	EA		Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A).....	8,522.04	555.00
11 68 13 00-0376	EA		Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A).....	1,195.95	138.75
11 68 13 00-0377	EA		Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A).....	1,256.58	69.38
11 68 13 00-0378	EA		Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A).....	1,901.53	173.43
11 68 13 00-0379	EA		32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A).....	2,946.31	242.81
11 68 13 00-0380	EA		40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B).....	3,437.94	242.81
11 68 13 00-0381	EA		32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A).....	3,199.57	138.75
11 68 13 00-0382	EA		48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B).....	3,440.75	138.75
11 68 13 00-0383	EA		1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A).....	1,576.27	138.75
11 68 13 00-0384	EA		2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B).....	1,836.00	138.75
11 68 13 00-0385	EA		16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A).....	819.52	57.81



## 11 Equipment

## 11 60 Entertainment and Recreation Equipment

## 11 68 Play Field Equipment and Structures



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0386	EA		24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B) .....	1,518.45	104.06
11 68 13 00-0387	EA		32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C) .....	2,307.34	265.93
11 68 13 00-0388	EA		40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D) .....	2,715.49	265.93
11 68 13 00-0389	EA		32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A) .....	2,420.39	138.75
11 68 13 00-0390	EA		40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B) .....	5,149.33	138.75
11 68 13 00-0391	EA		48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C) .....	3,579.89	138.75
11 68 13 00-0392	EA		32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A) .....	1,138.63	173.43
11 68 13 00-0393	EA		40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B) .....	1,170.28	173.43
11 68 13 00-0394	EA		48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C) .....	1,225.32	173.43
11 68 13 00-0395	EA		Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A) .....	1,217.31	34.68
11 68 13 00-0396	EA		Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A) .....	447.40	34.68
11 68 13 00-0397	EA		Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A) .....	4,357.82	242.81
11 68 13 00-0398	EA		ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A) .....	2,282.97	173.43
11 68 13 00-0399	EA		Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A) .....	1,387.22	57.81
11 68 13 00-0400	EA		Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A) .....	2,731.46	69.38
11 68 13 00-0401	EA		Phase Kit (Landscape Structures® PlayShaper® 116098A) .....	384.67	43.71
11 68 13 00-0402	EA		Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A) .....	2,119.25	69.38
11 68 13 00-0403	EA		8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A) .....	850.58	104.06
11 68 13 00-0404	EA		16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A) .....	1,615.86	104.06
11 68 13 00-0405	EA		Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A) .....	5,879.68	277.50
11 68 13 00-0406	EA		Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A) .....	5,879.68	277.50
11 68 13 00-0407	EA		Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A) .....	2,680.11	138.75
11 68 13 00-0408	EA		Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A) .....	2,012.24	138.75
11 68 13 00-0409	EA		28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A) .....	2,054.31	69.38
11 68 13 00-0410	EA		56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B) .....	2,657.25	69.38
11 68 13 00-0411	EA		90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C) .....	2,939.84	138.75
11 68 13 00-0412	EA		C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A) .....	4,850.05	277.50
11 68 13 00-0413	EA		S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B) .....	4,850.05	277.50
11 68 13 00-0414	EA		C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A) .....	4,850.05	277.50
11 68 13 00-0415	EA		S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B) .....	4,850.05	277.50
11 68 13 00-0416	EA		Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A) .....	929.75	34.68
11 68 13 00-0417	EA		Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A) .....	1,420.30	23.13
11 68 13 00-0418	EA		Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A) .....	1,642.92	23.13
11 68 13 00-0419	EA		Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A) .....	1,791.34	23.13
11 68 13 00-0420	EA		Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A) .....	976.13	34.68
11 68 13 00-0421	EA		Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A) .....	770.98	23.13
11 68 13 00-0422	EA		Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A) .....	2,245.86	23.13
11 68 13 00-0423	EA		Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A) .....	613.29	23.13
11 68 13 00-0424	EA		House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A) .....	725.68	34.68
11 68 13 00-0425	EA		Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A) .....	1,911.93	23.13
11 68 13 00-0426	EA		Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A) .....	1,198.76	34.68
11 68 13 00-0427	EA		Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A) .....	1,664.72	69.38
11 68 13 00-0428	EA		Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A) .....	1,784.23	57.81
11 68 13 00-0429	EA		Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A) .....	1,722.52	104.06
11 68 13 00-0430	EA		Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A) .....	1,244.06	23.13
11 68 13 00-0431	EA		Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A) .....	1,857.35	34.68
11 68 13 00-0432	EA		Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A) .....	1,272.97	34.68
11 68 13 00-0433	EA		Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A) .....	1,627.62	69.38
11 68 13 00-0434	EA		Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A) .....	558.71	34.68
11 68 13 00-0435	EA		Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A) .....	1,719.30	57.81
11 68 13 00-0436	EA		Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A) .....	1,322.58	92.50
11 68 13 00-0437	EA		Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A) .....	1,596.54	23.13
11 68 13 00-0438	EA		Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A) .....	613.29	23.13
11 68 13 00-0439	EA		Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A) .....	846.27	34.68
11 68 13 00-0440	EA		Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A) .....	613.29	23.13
11 68 13 00-0441	EA		Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A) .....	789.53	23.13
11 68 13 00-0442	EA		Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A) .....	1,499.90	104.06
11 68 13 00-0443	EA		Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A) .....	1,625.45	34.68
11 68 13 00-0444	EA		Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A) .....	1,235.86	34.68
11 68 13 00-0445	EA		2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A) .....	1,190.56	57.81
11 68 13 00-0446	EA		1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A) .....	689.66	57.81
11 68 13 00-0447	EA		1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A) .....	605.09	34.68
11 68 13 00-0448	EA		Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A) .....	1,676.14	104.06
11 68 13 00-0449	EA		Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B) .....	1,945.15	104.06
11 68 13 00-0450	EA		Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A) .....	557.63	23.13
11 68 13 00-0451	EA		Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A) .....	780.26	23.13
11 68 13 00-0452	EA		Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A) .....	162.47	23.13
11 68 13 00-0453	EA		Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A) .....	901.93	34.68
11 68 13 00-0454	EA		Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B) .....	1,199.84	57.81
11 68 13 00-0455	EA		Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A) .....	689.66	57.81
11 68 13 00-0456	EA		Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B) .....	958.66	57.81
11 68 13 00-0457	EA		Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A) .....	158.76	23.13
11 68 13 00-0458	EA		Steering Wheel (Landscape Structures® PlayShaper® 111306A) .....	297.90	23.13
11 68 13 00-0459	EA		Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B) .....	399.94	23.13
11 68 13 00-0460	EA		Handloop (Landscape Structures® PlayShaper® 119977A) .....	232.97	23.13



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0461 EA Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A).....	632.92	34.68
11 68 13 00-0462 EA 16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B).....	651.47	34.68
11 68 13 00-0463 EA 24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C).....	660.75	34.68
11 68 13 00-0464 EA 32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D).....	679.30	34.68
11 68 13 00-0465 EA 40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E).....	688.58	34.68
11 68 13 00-0466 EA 48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F).....	707.13	34.68
11 68 13 00-0467 EA Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A).....	606.61	208.13
Note: Order one talk tube tubing kit with two talk tubes (any height listed).		
11 68 13 00-0468 EA Arch Roof (Landscape Structures® PlayShaper® 111407A).....	959.75	69.38
11 68 13 00-0469 EA Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A).....	1,798.89	138.75
11 68 13 00-0470 EA Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A).....	1,993.69	138.75
11 68 13 00-0471 EA Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A).....	4,127.17	138.75
11 68 13 00-0472 EA Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B).....	4,795.04	138.75
11 68 13 00-0473 EA Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A).....	1,042.15	57.81
11 68 13 00-0474 EA Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A).....	995.77	57.81
11 68 13 00-0475 EA Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A).....	1,014.32	57.81
11 68 13 00-0476 EA 90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A).....	818.44	34.68
11 68 13 00-0477 EA Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A).....	1,645.52	208.13
11 68 13 00-0478 EA Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B).....	1,506.38	208.13
11 68 13 00-0479 EA Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C).....	1,385.79	208.13
11 68 13 00-0480 EA Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A).....	195.87	23.13
11 68 13 00-0481 EA 8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A).....	173.61	23.13
11 68 13 00-0482 EA 16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B).....	251.52	23.13
11 68 13 00-0483 EA 8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A).....	210.71	23.13
11 68 13 00-0484 EA 16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B).....	307.18	23.13
11 68 13 00-0485 EA To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A).....	3,096.88	277.50
11 68 13 00-0486 EA To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B).....	3,532.86	277.50
11 68 13 00-0487 EA To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C).....	3,718.38	277.50
11 68 13 00-0488 EA 56"/SpyroSlide, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399A).....	1,859.52	69.38
11 68 13 00-0489 EA 48" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399B).....	1,822.41	69.38
11 68 13 00-0490 EA 40" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399C).....	1,803.86	69.38
11 68 13 00-0491 EA 32" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399D).....	1,776.03	69.38
11 68 13 00-0492 EA 24" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399E).....	1,748.21	69.38
11 68 13 00-0493 EA 16" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399F).....	1,729.65	69.38
11 68 13 00-0494 EA 8" Deck, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399G).....	1,711.10	69.38
11 68 13 00-0495 EA Ground Level, Arches For Decks And/or Roofs (Landscape Structures® PlayShaper® 111399H).....	1,692.55	69.38
11 68 13 00-0496 EA 82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A).....	419.57	34.68
11 68 13 00-0497 EA 74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B).....	401.02	34.68
11 68 13 00-0498 EA 66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C).....	373.19	34.68
11 68 13 00-0499 EA 58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D).....	363.92	34.68
11 68 13 00-0500 EA 50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E).....	354.64	34.68
11 68 13 00-0501 EA 42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F).....	345.37	34.68
11 68 13 00-0502 EA 128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A).....	773.58	208.13
11 68 13 00-0503 EA 114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B).....	736.47	208.13
11 68 13 00-0504 EA 106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C).....	727.20	208.13
11 68 13 00-0505 EA 98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D).....	428.85	34.68
11 68 13 00-0506 EA 90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E).....	419.57	34.68
11 68 13 00-0507 EA 82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F).....	401.02	34.68
11 68 13 00-0508 EA 74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G).....	373.19	34.68
11 68 13 00-0509 EA 69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H).....	363.92	34.68
11 68 13 00-0510 EA 145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A).....	493.78	34.68
11 68 13 00-0511 EA 137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B).....	484.51	34.68
11 68 13 00-0512 EA 129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C).....	456.68	34.68
11 68 13 00-0513 EA 121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D).....	447.40	34.68
11 68 13 00-0514 EA 113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E).....	438.13	34.68
11 68 13 00-0515 EA 105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F).....	419.57	34.68
11 68 13 00-0516 EA 97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G).....	401.02	34.68
11 68 13 00-0517 EA 89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H).....	373.19	34.68
11 68 13 00-0518 EA Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A).....	2,701.74	246.21
11 68 13 00-0519 EA Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B).....	2,666.45	243.04
11 68 13 00-0520 EA Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C).....	2,172.04	198.02
11 68 13 00-0521 EA Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D).....	2,136.64	194.72
11 68 13 00-0522 EA Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A).....	441.45	40.24
11 68 13 00-0523 EA Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B).....	423.79	38.65
11 68 13 00-0524 EA Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A).....	480.30	43.74
11 68 13 00-0525 EA Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B).....	459.11	41.83
11 68 13 00-0526 EA The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A).....	9,084.21	346.88
11 68 13 00-0527 EA The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A).....	4,836.46	208.13
<b>11 68 13 00-0528</b> <b>Playground Equipment (Landscape Structures® Independent Pieces)</b> <small>(11 68 13 00-0356)</small>		
11 68 13 00-0529 EA 9-Blocks, Block Climber (Landscape Structures® 117966A).....	3,945.31	346.88
11 68 13 00-0530 EA 12-Blocks, Block Climber (Landscape Structures® 117966B).....	4,455.49	346.88
11 68 13 00-0531 EA 116-Blocks, Block Climber (Landscape Structures® 117966C).....	5,470.89	416.25
11 68 13 00-0532 EA Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A).....	4,098.69	277.50
11 68 13 00-0533 EA 6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A).....	6,613.01	462.50

## 11 Equipment

## 11 60 Entertainment and Recreation Equipment

## 11 68 Play Field Equipment and Structures



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0534	EA	4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A).....	4,567.46	208.13
11 68	13 00-0535	EA	Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A) .....	12,218.20	624.37
11 68	13 00-0536	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A) .....	10,990.11	416.25
11 68	13 00-0537	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B) .....	8,091.68	346.88
11 68	13 00-0538	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C) .....	9,540.90	381.56
11 68	13 00-0539	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D) .....	12,439.32	450.94
11 68	13 00-0540	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E) .....	13,888.53	485.62
11 68	13 00-0541	EA	Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F) .....	10,711.83	416.25
11 68	13 00-0542	EA	Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G).....	7,906.16	346.88
11 68	13 00-0543	EA	Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H).....	9,309.00	381.56
11 68	13 00-0544	EA	Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I).....	12,114.66	450.94
11 68	13 00-0545	EA	Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J).....	13,517.49	485.62
11 68	13 00-0546	EA	8", Pod Climber, One Pod Only (Landscape Structures® 120710A).....	448.48	57.81
11 68	13 00-0547	EA	16", Pod Climber, One Pod Only (Landscape Structures® 120711A) .....	457.76	57.81
11 68	13 00-0548	EA	24", Pod Climber, One Pod Only (Landscape Structures® 120712A) .....	467.04	57.81
11 68	13 00-0549	EA	30", Pod Climber, One Pod Only (Landscape Structures® 120713A) .....	476.31	57.81
11 68	13 00-0550	EA	Track Ride Curved (Landscape Structures® 118093A).....	4,470.38	138.75
11 68	13 00-0551	EA	18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A) .....	6,815.91	416.25
11 68	13 00-0552	EA	18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B).....	6,630.39	416.25
11 68	13 00-0553	EA	10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A) .....	5,739.89	416.25
11 68	13 00-0554	EA	10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B).....	5,368.85	416.25
11 68	13 00-0555	EA	18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A) .....	5,971.79	416.25
11 68	13 00-0556	EA	18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B).....	5,786.27	416.25
11 68	13 00-0557	EA	Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A).....	570.15	69.38
11 68	13 00-0558	EA	Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A).....	20,394.02	832.50
11 68	13 00-0559	EA	CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A).....	17,683.47	1,248.75
11 68	13 00-0560	EA	CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A) .....	5,961.22	693.75
11 68	13 00-0561	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A) .....	7,233.98	277.50
11 68	13 00-0562	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A) .....	11,730.89	693.75
11 68	13 00-0563	EA	Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A) .....	747.47	92.50
11 68	13 00-0564	EA	Straight Crawl Tunnel (Landscape Structures® 100005A) .....	2,396.88	208.13
11 68	13 00-0565	EA	Curved Crawl Tunnel (Landscape Structures® 100005D).....	3,036.92	208.13
11 68	13 00-0566	EA	4' Square, SanDirect Buryoxe (Landscape Structures® 120458A).....	662.26	208.13
11 68	13 00-0567	EA	SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A).....	921.99	208.13
11 68	13 00-0568	EA	8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B).....	1,333.79	416.25
11 68	13 00-0569	EA	8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C).....	1,899.63	416.25
11 68	13 00-0570	EA	8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D) .....	1,333.79	416.25
11 68	13 00-0571	EA	8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E) .....	1,899.63	416.25
11 68	13 00-0572	EA	Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A).....	5,878.38	555.00
11 68	13 00-0573	EA	Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B).....	5,693.51	416.25
11 68	13 00-0574	EA	Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A) .....	2,623.81	277.50
11 68	13 00-0575	EA	Clear Paint Panel, Surface Mount (Landscape Structures® 112621A).....	1,052.51	69.38
11 68	13 00-0576	EA	Clear Paint Panel, Direct Bury (Landscape Structures® 112621B).....	924.79	104.06
11 68	13 00-0577	EA	Dino Climber, Direct Bury (Landscape Structures® 100122A) .....	15,154.38	555.00
11 68	13 00-0578	EA	Dino Climber, Surface Mount (Landscape Structures® 100122B).....	15,771.56	485.62
11 68	13 00-0579	EA	Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B) .....	4,246.46	416.25
11 68	13 00-0580	EA	Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A) .....	4,348.49	416.25
11 68	13 00-0581	EA	Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A) .....	5,104.81	346.88
11 68	13 00-0582	EA	Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B).....	3,588.51	277.50
11 68	13 00-0583	EA	Kids In Motion, Saddle Spinner (Landscape Structures® 152179A).....	1,534.86	69.38
11 68	13 00-0584	EA	Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A).....	2,271.97	138.75
11 68	13 00-0585	EA	Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B).....	2,179.21	138.75
11 68	13 00-0586	EA	Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A) .....	606.18	57.81
11 68	13 00-0587	EA	Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A).....	8,113.90	555.00
11 68	13 00-0588	EA	Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A).....	2,901.44	416.25
11 68	13 00-0589	EA	Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B) .....	2,715.92	416.25
11 68	13 00-0590	EA	Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C).....	3,402.34	416.25
11 68	13 00-0591	EA	Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A) .....	2,249.11	69.38
11 68	13 00-0592	EA	Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only) (Landscape Structures® 153589A) .....	3,148.23	208.13
11 68	13 00-0593	EA	Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only) (Landscape Structures® 154358A) .....	5,666.34	277.50
11 68	13 00-0594	EA	Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A).....	8,175.16	346.88
11 68	13 00-0595	EA	Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A) .....	3,310.88	138.75
11 68	13 00-0596	EA	Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B).....	2,856.36	138.75
11 68	13 00-0597	EA	2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A).....	3,663.37	138.75
11 68	13 00-0598	EA	2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B).....	3,162.47	138.75
11 68	13 00-0599	EA	4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A).....	4,424.00	138.75
11 68	13 00-0600	EA	4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B) .....	3,941.65	138.75
11 68	13 00-0601	EA	Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A) .....	418.49	23.13
11 68	13 00-0602	EA	Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B) .....	344.28	23.13
11 68	13 00-0603	EA	Stationary Cyclus, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A) .....	1,578.42	173.43
11 68	13 00-0604	EA	Stationary Cyclus, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A) .....	1,407.14	104.06
11 68	13 00-0605	EA	Stationary Cyclus, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B) .....	1,467.11	173.43
11 68	13 00-0606	EA	Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B).....	2,155.70	208.13
11 68	13 00-0607	EA	Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A).....	335.01	23.13
11 68	13 00-0608	EA	Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B).....	279.35	23.13
11 68	13 00-0609	EA	Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B).....	1,819.60	173.43
11 68	13 00-0610	EA	Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B).....	1,849.59	208.13
11 68	13 00-0611	EA	Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B).....	1,831.04	208.13





	<b>Equipment</b>	<b>11</b>
	<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
	<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0612 EA Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B).....	2,155.70	208.13
11 68 13 00-0613 EA RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B).....	1,801.05	173.43
11 68 13 00-0614 EA T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B).....	1,831.04	208.13
11 68 13 00-0615 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A).....	2,714.41	242.81
11 68 13 00-0616 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B).....	2,842.12	208.13
11 68 13 00-0617 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A).....	2,463.96	242.81
11 68 13 00-0618 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B).....	2,582.40	208.13
11 68 13 00-0619 EA Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A).....	1,856.70	173.43
11 68 13 00-0620 EA Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A).....	1,511.34	138.75
11 68 13 00-0621 EA Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A).....	1,541.32	173.43
11 68 13 00-0622 EA Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A).....	1,522.77	173.43
11 68 13 00-0623 EA Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A).....	1,856.70	173.43
11 68 13 00-0624 EA RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A).....	1,502.06	138.75
11 68 13 00-0625 EA T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A).....	1,522.77	173.43
11 68 13 00-0626 EA Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B).....	1,903.08	173.43
11 68 13 00-0627 EA Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B).....	2,032.95	173.43
11 68 13 00-0628 EA Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B).....	1,940.19	173.43
11 68 13 00-0629 EA Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A).....	1,613.37	138.75
11 68 13 00-0630 EA Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A).....	1,733.96	138.75
11 68 13 00-0631 EA Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A).....	1,650.48	138.75
11 68 13 00-0632 EA SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A).....	11,841.55	832.50
11 68 13 00-0633 EA 40" Poly Slide, 40" Deck (Landscape Structures® 100046A).....	6,319.96	346.88
11 68 13 00-0634 EA Wave Poly Slide, 72" Deck (Landscape Structures® 100046C).....	7,637.16	346.88
11 68 13 00-0635 EA Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A).....	23,202.05	1,387.50
11 68 13 00-0636 EA Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A).....	3,987.38	277.50
11 68 13 00-0637 EA Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B).....	2,192.80	208.13
11 68 13 00-0638 EA 12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A).....	43,725.94	2,220.00
11 68 13 00-0639 EA 7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A).....	24,128.35	1,665.00
11 68 13 00-0640 EA 6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A).....	21,892.84	1,665.00
11 68 13 00-0641 EA 3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A).....	10,432.90	555.00
11 68 13 00-0642 EA 4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A).....	1,509.17	104.06
11 68 13 00-0643 EA 6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B).....	1,685.42	104.06
11 68 13 00-0644 EA Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A).....	5,368.85	416.25
11 68 13 00-0645 EA 4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A).....	1,138.13	104.06
11 68 13 00-0646 EA 6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B).....	1,230.89	104.06
11 68 13 00-0647 EA Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A).....	5,190.10	555.00
11 68 13 00-0648 EA Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C).....	5,034.27	555.00
11 68 13 00-0649 EA Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A).....	3,262.00	277.50
11 68 13 00-0650 EA Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C).....	3,106.16	277.50
11 68 13 00-0651 EA Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A).....	2,688.09	416.25
11 68 13 00-0652 EA Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B).....	2,843.93	416.25
11 68 13 00-0653 EA Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A).....	1,923.80	208.13
11 68 13 00-0654 EA Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B).....	2,079.64	208.13
11 68 13 00-0655 EA Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A).....	3,086.96	416.25
11 68 13 00-0656 EA Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B).....	3,242.79	416.25
11 68 13 00-0657 EA Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A).....	2,322.67	208.13
11 68 13 00-0658 EA Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B).....	2,478.50	208.13
11 68 13 00-0659 EA Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A).....	1,163.82	69.38
11 68 13 00-0660 EA Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A).....	5,943.32	555.00
11 68 13 00-0661 EA Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A).....	4,154.35	277.50
11 68 13 00-0662 EA 4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B).....	5,405.31	555.00
11 68 13 00-0663 EA Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B).....	3,486.48	277.50
11 68 13 00-0664 EA Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B).....	2,688.74	277.50
11 68 13 00-0665 EA Curved Balance Beam (Landscape Structures® 100041A).....	1,137.06	92.50
11 68 13 00-0666 EA Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A).....	2,014.40	173.43
11 68 13 00-0667 EA Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A).....	4,284.21	277.50
11 68 13 00-0668 EA Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B).....	4,785.12	277.50
11 68 13 00-0669 EA Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C).....	4,274.94	277.50
11 68 13 00-0670 EA Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D).....	4,775.84	277.50
11 68 13 00-0671 EA FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A).....	21,267.45	2,497.49
11 68 13 00-0672 EA FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B).....	20,655.24	2,497.49
11 68 13 00-0673 EA Fitness Cluster With Steel Posts (Landscape Structures® 120874B).....	13,358.92	1,665.00
11 68 13 00-0674 EA Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A).....	13,618.64	1,665.00
11 68 13 00-0675 EA Aluminum Posts, Climbing Wall (Landscape Structures® 153354A).....	3,004.12	277.50
11 68 13 00-0676 EA Steel Posts, Climbing Wall (Landscape Structures® 153354B).....	2,911.36	277.50
11 68 13 00-0677 EA 30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A).....	27.33	11.56
11 68 13 00-0678 EA TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A).....	86.21	11.56
11 68 13 00-0679 EA TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A).....	1,077.09	23.13
11 68 13 00-0680 EA Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A).....	595.82	34.68
11 68 13 00-0681 EA Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A).....	595.82	34.68
11 68 13 00-0682 EA Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A).....	558.71	34.68
11 68 13 00-0683 EA Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A).....	1,143.10	34.68
11 68 13 00-0684 EA Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A).....	966.86	34.68
11 68 13 00-0685 EA Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A).....	966.86	34.68
11 68 13 00-0686 EA Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A).....	325.73	23.13
11 68 13 00-0687 EA Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A).....	811.33	69.38
11 68 13 00-0688 EA Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A).....	419.57	34.68
11 68 13 00-0689 EA Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A).....	401.02	34.68

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0690	EA		Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A) .....	130.94	23.13
11 68 13 00-0691	EA		Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A) .....	123.52	23.13
11 68 13 00-0692	LF		TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A) .....	10.88	3.47
11 68 13 00-0693	EA		TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A) .....	13.45	
11 68 13 00-0694	EA		Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A) .....	308.26	34.68
11 68 13 00-0695	EA		Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A) .....	103.11	17.35
11 68 13 00-0696	EA		Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B) .....	354.64	34.68
11 68 13 00-0697	EA		Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C) .....	298.99	34.68
11 68 13 00-0698	EA		4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A) .....	5,128.33	277.50
11 68 13 00-0699	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A) .....	186.59	17.35
11 68 13 00-0700	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B) .....	186.59	17.35
11 68 13 00-0701	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C) .....	186.59	17.35
11 68 13 00-0702	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D) .....	186.59	17.35
11 68 13 00-0703	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E) .....	186.59	17.35
11 68 13 00-0704	EA		TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F) .....	186.59	17.35
11 68 13 00-0705	EA		Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A) .....	195.87	17.35
11 68 13 00-0706	EA		1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A) .....	2,652.29	138.75
11 68 13 00-0707	EA		1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B) .....	2,730.20	138.75
11 68 13 00-0708	EA		TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A) .....	92.76	
11 68 13 00-0709	EA		1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A) .....	2,847.08	138.75
11 68 13 00-0710	EA		1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B) .....	2,925.00	138.75
11 68 13 00-0711	EA		Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A) .....	3,463.62	208.13
11 68 13 00-0712	EA		The Pinnacle Natural Climber (Landscape Structures® 156065A) .....	28,000.34	832.50
11 68 13 00-0713	EA		The Pointe Natural Climber (Landscape Structures® 156067A) .....	15,831.53	555.00
11 68 13 00-0714	EA		Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A) .....	15,831.53	555.00
11 68 13 00-0715	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A) .....	2,169.93	138.75
11 68 13 00-0716	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B) .....	2,325.77	138.75
11 68 13 00-0717	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C) .....	2,411.11	138.75
11 68 13 00-0718	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D) .....	2,566.95	138.75
11 68 13 00-0719	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A) .....	1,247.30	69.38
11 68 13 00-0720	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B) .....	1,403.14	69.38
11 68 13 00-0721	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C) .....	1,330.79	69.38
11 68 13 00-0722	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D) .....	1,486.62	69.38
11 68 13 00-0723	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A) .....	2,262.69	138.75
11 68 13 00-0724	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B) .....	2,500.16	138.75
11 68 13 00-0725	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C) .....	2,503.87	138.75
11 68 13 00-0726	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D) .....	2,741.34	138.75
11 68 13 00-0727	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A) .....	1,321.51	69.38
11 68 13 00-0728	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B) .....	1,674.60	138.75
11 68 13 00-0729	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C) .....	1,404.99	69.38
11 68 13 00-0730	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D) .....	1,758.08	138.75
11 68 13 00-0731	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A) .....	2,355.45	138.75
11 68 13 00-0732	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B) .....	2,511.29	138.75
11 68 13 00-0733	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C) .....	2,596.63	138.75
11 68 13 00-0734	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D) .....	2,752.47	138.75
11 68 13 00-0735	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A) .....	1,423.55	69.38
11 68 13 00-0736	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B) .....	1,695.00	138.75
11 68 13 00-0737	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C) .....	1,507.03	69.38
11 68 13 00-0738	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D) .....	1,778.49	138.75
11 68 13 00-0739	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A) .....	2,448.21	138.75
11 68 13 00-0740	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B) .....	2,685.68	138.75
11 68 13 00-0741	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C) .....	2,689.39	138.75



	<b>Equipment</b>	<b>11</b>
	<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
	<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0742	EA	5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D).....	2,926.86	138.75
11 68	13 00-0743	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A).....	1,507.03	69.38
11 68	13 00-0744	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B).....	1,860.12	138.75
11 68	13 00-0745	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C).....	1,706.13	138.75
11 68	13 00-0746	EA	5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D).....	1,943.60	138.75
11 68	13 00-0747	EA	Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A).....	2,169.93	138.75
11 68	13 00-0748	EA	Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B).....	2,411.11	138.75
11 68	13 00-0749	EA	T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A).....	1,836.00	138.75
11 68	13 00-0750	EA	T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B).....	2,086.45	138.75
11 68	13 00-0751	EA	Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A).....	1,854.55	138.75
11 68	13 00-0752	EA	Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B).....	2,105.00	138.75
11 68	13 00-0753	EA	Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A).....	1,836.00	138.75
11 68	13 00-0754	EA	Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B).....	2,086.45	138.75
11 68	13 00-0755	EA	Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A).....	2,169.93	138.75
11 68	13 00-0756	EA	Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B).....	2,411.11	138.75
11 68	13 00-0757	EA	Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A).....	1,993.69	138.75
11 68	13 00-0758	EA	Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B).....	2,216.31	138.75
11 68	13 00-0759	EA	Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A).....	2,105.00	138.75
11 68	13 00-0760	EA	Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B).....	2,346.18	138.75
11 68	13 00-0761	EA	Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A).....	2,021.52	138.75
11 68	13 00-0762	EA	Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B).....	2,253.42	138.75
11 68	13 00-0763	EA	Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A).....	2,095.73	138.75
11 68	13 00-0764	EA	Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A).....	2,893.46	138.75
11 68	13 00-0765	EA	8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A).....	1,423.55	69.38
11 68	13 00-0766	EA	16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B).....	1,432.82	69.38
11 68	13 00-0767	EA	24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C).....	1,442.10	69.38
11 68	13 00-0768	EA	Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A).....	2,596.63	138.75
11 68	13 00-0769	EA	Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B).....	4,465.42	208.13
11 68	13 00-0770	EA	Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C).....	6,742.35	277.50
11 68	13 00-0771	EA	Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D).....	8,407.06	346.88
11 68	13 00-0772	EA	10", Pod Climber, One Pod Only (Landscape Structures® 158997A).....	419.57	34.68
11 68	13 00-0773	EA	20", Pod Climber, One Pod Only (Landscape Structures® 158998A).....	438.13	34.68
11 68	13 00-0774	EA	CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A).....	14,718.41	555.00
11 68	13 00-0775	EA	CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A).....	7,781.26	277.50
11 68	13 00-0776	EA	CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B).....	8,036.02	346.88
11 68	13 00-0777	EA	CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C).....	8,165.89	346.88
11 68	13 00-0778	EA	CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A).....	9,928.33	346.88
11 68	13 00-0779	EA	CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B).....	10,058.19	346.88
11 68	13 00-0780	EA	CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C).....	10,206.61	346.88
11 68	13 00-0781	EA	CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A).....	12,613.41	416.25
11 68	13 00-0782	EA	CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B).....	12,761.83	416.25
11 68	13 00-0783	EA	CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C).....	12,900.97	416.25
11 68	13 00-0784	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A).....	2,374.01	138.75
11 68	13 00-0785	EA	Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B).....	2,049.35	138.75
11 68	13 00-0786	EA	Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C).....	2,958.39	138.75
11 68	13 00-0787	EA	Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D).....	2,049.35	138.75
11 68	13 00-0788	EA	Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E).....	2,318.35	138.75
11 68	13 00-0789	EA	Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F).....	1,993.69	138.75
11 68	13 00-0790	EA	Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G).....	2,902.74	138.75
11 68	13 00-0791	EA	Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H).....	1,993.69	138.75
11 68	13 00-0792	EA	Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A).....	3,472.89	208.13
11 68	13 00-0793	EA	Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B).....	3,417.24	208.13
11 68	13 00-0794	EA	Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A).....	5,953.89	277.50
11 68	13 00-0795	EA	Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B).....	5,898.24	277.50
11 68	13 00-0796	EA	The Peak Natural Climber (Landscape Structures® 160418A).....	8,611.14	346.88
11 68	13 00-0797	EA	The Stepper Natural Climbing Stone (Landscape Structures® 160419A).....	4,363.39	208.13
11 68	13 00-0798	EA	Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A).....	10,670.41	346.88
11 68	13 00-0799	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A).....	7,874.02	277.50
11 68	13 00-0800	EA	HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B).....	7,465.88	277.50
11 68	13 00-0801	EA	HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A).....	7,874.02	277.50
11 68	13 00-0802	EA	HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B).....	7,465.88	277.50
11 68	13 00-0803	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A).....	4,261.35	208.13
11 68	13 00-0804	EA	HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B).....	3,843.93	208.13
11 68	13 00-0805	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A).....	9,844.84	346.88
11 68	13 00-0806	EA	HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B).....	9,436.70	346.88
11 68	13 00-0807	EA	HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A).....	3,843.93	208.13



**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

11 68 13 00-0808	EA		HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B) .....	3,435.79	208.13
11 68 13 00-0809	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures® 161314A) .....	3,741.90	208.13
11 68 13 00-0810	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B) .....	3,435.79	208.13
11 68 13 00-0811	EA		HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A) .....	4,465.42	208.13
11 68 13 00-0812	EA		HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B) .....	4,669.50	208.13
11 68 13 00-0813	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A) .....	3,537.82	208.13
11 68 13 00-0814	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B) .....	3,435.79	208.13
11 68 13 00-0815	EA		HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A) .....	4,465.42	208.13
11 68 13 00-0816	EA		HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B) .....	4,669.50	208.13
11 68 13 00-0817	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A) .....	1,669.03	138.75
11 68 13 00-0818	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B) .....	1,145.27	69.38
11 68 13 00-0819	EA		Global Releaf Sign With Frame (Landscape Structures® 162617A) .....	1,024.68	69.38
11 68 13 00-0820	EA		Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A) .....	1,321.51	69.38
11 68 13 00-0821	EA		Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B) .....	1,687.58	138.75
11 68 13 00-0822	EA		Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A) .....	2,550.25	138.75
11 68 13 00-0823	EA		Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B) .....	2,735.77	138.75
11 68 13 00-0824	EA		16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A) .....	1,956.59	138.75
11 68 13 00-0825	EA		24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B) .....	1,975.14	138.75

**11 68 13 00-0826 Playground Equipment (Landscape Structures® PlayBooster®) (11 68 13 00-0356)**

11 68 13 00-0827	EA		116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A) .....	1,826.72	138.75
11 68 13 00-0828	EA		Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A) .....	1,956.59	138.75
11 68 13 00-0829	EA		Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A) .....	783.50	69.38
11 68 13 00-0830	EA		Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B) .....	746.40	69.38
11 68 13 00-0831	EA		182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A) .....	595.82	34.68
11 68 13 00-0832	EA		174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B) .....	586.54	34.68
11 68 13 00-0833	EA		166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C) .....	558.71	34.68
11 68 13 00-0834	EA		158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D) .....	549.44	34.68
11 68 13 00-0835	EA		150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E) .....	521.61	34.68
11 68 13 00-0836	EA		142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F) .....	512.33	34.68
11 68 13 00-0837	EA		134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G) .....	493.78	34.68
11 68 13 00-0838	EA		126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H) .....	484.51	34.68
11 68 13 00-0839	EA		118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I) .....	456.68	34.68
11 68 13 00-0840	EA		110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J) .....	447.40	34.68
11 68 13 00-0841	EA		148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A) .....	521.61	34.68
11 68 13 00-0842	EA		140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B) .....	503.06	34.68
11 68 13 00-0843	EA		132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C) .....	493.78	34.68
11 68 13 00-0844	EA		124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D) .....	484.51	34.68
11 68 13 00-0845	EA		116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E) .....	456.68	34.68
11 68 13 00-0846	EA		108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F) .....	447.40	34.68
11 68 13 00-0847	EA		100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G) .....	438.13	34.68
11 68 13 00-0848	EA		92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H) .....	419.57	34.68
11 68 13 00-0849	EA		84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I) .....	401.02	34.68
11 68 13 00-0850	EA		76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J) .....	373.19	34.68
11 68 13 00-0851	EA		106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A) .....	737.12	69.38
11 68 13 00-0852	EA		98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B) .....	709.29	69.38
11 68 13 00-0853	EA		90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C) .....	681.47	69.38
11 68 13 00-0854	EA		82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D) .....	605.09	34.68
11 68 13 00-0855	EA		74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E) .....	595.82	34.68
11 68 13 00-0856	EA		66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F) .....	577.27	34.68
11 68 13 00-0857	EA		58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G) .....	549.44	34.68
11 68 13 00-0858	EA		50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H) .....	540.16	34.68
11 68 13 00-0859	EA		42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I) .....	521.61	34.68
11 68 13 00-0860	EA		ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A) .....	5,867.17	231.25
11 68 13 00-0861	EA		TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A) .....	7,598.75	624.37
11 68 13 00-0862	EA		Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A) .....	2,515.30	173.43
11 68 13 00-0863	EA		Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B) .....	2,784.30	173.43
11 68 13 00-0864	EA		Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A) .....	3,231.72	208.13
11 68 13 00-0865	EA		40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A) .....	3,935.60	196.56
11 68 13 00-0866	EA		48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B) .....	4,483.98	208.13
11 68 13 00-0867	EA		56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C) .....	4,743.70	208.13
11 68 13 00-0868	EA		64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D) .....	5,310.61	231.25
11 68 13 00-0869	EA		72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E) .....	5,561.06	231.25
11 68 13 00-0870	EA		96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F) .....	7,439.13	300.63
11 68 13 00-0871	EA		Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A) .....	1,168.13	138.75
11 68 13 00-0872	EA		Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B) .....	1,195.95	138.75
11 68 13 00-0873	EA		Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A) .....	1,576.27	138.75
11 68 13 00-0874	EA		Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B) .....	1,622.65	138.75
11 68 13 00-0875	EA		32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A) .....	5,953.24	416.25
11 68 13 00-0876	EA		40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B) .....	6,862.29	416.25
11 68 13 00-0877	EA		48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C) .....	7,391.02	416.25
11 68 13 00-0878	EA		56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D) .....	8,735.39	555.00
11 68 13 00-0879	EA		64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E) .....	8,948.74	555.00
11 68 13 00-0880	EA		72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F) .....	10,451.45	555.00
11 68 13 00-0881	EA		96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G) .....	12,324.55	693.75
11 68 13 00-0882	EA		40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A) .....	9,703.55	312.19
11 68 13 00-0883	EA		56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B) .....	12,203.11	381.56
11 68 13 00-0884	EA		Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A) .....	2,142.11	138.75
11 68 13 00-0885	EA		32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A) .....	2,842.12	208.13



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0886 EA 40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B).....	3,166.78	208.13
11 68 13 00-0887 EA 48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C).....	3,528.55	208.13
11 68 13 00-0888 EA 56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D).....	4,005.93	277.50
11 68 13 00-0889 EA 64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E).....	4,172.90	277.50
11 68 13 00-0890 EA 72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F).....	4,766.56	277.50
11 68 13 00-0891 EA 96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G).....	5,698.47	346.88
11 68 13 00-0892 EA 72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A).....	8,482.79	520.31
11 68 13 00-0893 EA 72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B).....	8,804.21	474.06
11 68 13 00-0894 EA 56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C).....	7,703.60	520.31
11 68 13 00-0895 EA 56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D).....	7,997.20	474.06
11 68 13 00-0896 EA 32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A).....	3,044.03	173.43
11 68 13 00-0897 EA 48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B).....	3,313.04	173.43
11 68 13 00-0898 EA 64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C).....	4,092.22	173.43
11 68 13 00-0899 EA 32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A).....	3,368.69	173.43
11 68 13 00-0900 EA 48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B).....	3,637.70	173.43
11 68 13 00-0901 EA 64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C).....	4,435.43	173.43
11 68 13 00-0902 EA 32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A).....	3,433.62	173.43
11 68 13 00-0903 EA 40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B).....	3,637.70	173.43
11 68 13 00-0904 EA 48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C).....	4,186.05	196.56
11 68 13 00-0905 EA 56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D).....	4,428.32	208.13
11 68 13 00-0906 EA 64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E).....	4,947.78	208.13
11 68 13 00-0907 EA 72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F).....	5,124.02	208.13
11 68 13 00-0908 EA 96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G).....	6,760.90	277.50
11 68 13 00-0909 EA Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A).....	1,228.75	69.38
11 68 13 00-0910 EA Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A).....	2,167.77	104.06
11 68 13 00-0911 EA Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A).....	4,901.40	208.13
11 68 13 00-0912 EA 32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A).....	3,170.01	265.93
11 68 13 00-0913 EA 40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B).....	3,689.47	265.93
11 68 13 00-0914 EA 32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A).....	3,587.43	265.93
11 68 13 00-0915 EA 40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B).....	4,125.44	265.93
11 68 13 00-0916 EA Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A).....	3,889.22	196.56
11 68 13 00-0917 EA Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A).....	3,816.10	208.13
11 68 13 00-0918 EA Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B).....	4,094.38	208.13
11 68 13 00-0919 EA Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A).....	4,595.29	208.13
11 68 13 00-0920 EA Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B).....	4,864.29	208.13
11 68 13 00-0921 EA Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B).....	1,858.87	208.13
11 68 13 00-0922 EA Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C).....	1,960.90	208.13
11 68 13 00-0923 EA Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D).....	2,090.77	208.13
11 68 13 00-0924 EA Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A).....	2,526.74	208.13
11 68 13 00-0925 EA Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B).....	2,628.78	208.13
11 68 13 00-0926 EA Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C).....	2,758.64	208.13
11 68 13 00-0927 EA Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D).....	2,860.68	208.13
11 68 13 00-0928 EA Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A).....	4,098.69	277.50
11 68 13 00-0929 EA Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A).....	5,267.47	277.50
11 68 13 00-0930 EA Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B).....	5,953.89	277.50
11 68 13 00-0931 EA Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A).....	7,447.33	277.50
11 68 13 00-0932 EA Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B).....	6,723.80	277.50
11 68 13 00-0933 EA Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C).....	5,953.89	277.50
11 68 13 00-0934 EA Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D).....	5,156.16	277.50
11 68 13 00-0935 EA Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A).....	7,169.05	277.50
11 68 13 00-0936 EA Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B).....	6,723.80	277.50
11 68 13 00-0937 EA Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C).....	6,278.55	277.50
11 68 13 00-0938 EA 48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A).....	3,166.78	208.13
11 68 13 00-0939 EA 64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B).....	4,103.66	208.13
11 68 13 00-0940 EA 24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A).....	2,468.92	173.43
11 68 13 00-0941 EA 48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A).....	2,115.36	161.88
11 68 13 00-0942 EA 48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A).....	2,838.89	161.88
11 68 13 00-0943 EA 48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A).....	2,514.23	161.88
11 68 13 00-0944 EA 40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A).....	2,237.02	173.43
11 68 13 00-0945 EA 48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B).....	2,348.33	173.43
11 68 13 00-0946 EA 64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C).....	2,441.09	173.43
11 68 13 00-0947 EA 40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A).....	1,420.73	173.43
11 68 13 00-0948 EA 48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B).....	1,494.94	173.43
11 68 13 00-0949 EA 64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C).....	1,615.53	173.43
11 68 13 00-0950 EA 40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A).....	1,819.60	173.43
11 68 13 00-0951 EA 48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B).....	1,893.81	173.43
11 68 13 00-0952 EA 64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C).....	1,995.84	173.43
11 68 13 00-0953 EA 48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A).....	2,441.09	173.43
11 68 13 00-0954 EA 56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B).....	2,459.64	173.43
11 68 13 00-0955 EA 64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C).....	2,895.62	173.43
11 68 13 00-0956 EA 72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D).....	2,914.17	173.43
11 68 13 00-0957 EA 48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A).....	2,830.68	173.43
11 68 13 00-0958 EA 56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B).....	2,877.06	173.43
11 68 13 00-0959 EA 64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C).....	3,313.04	173.43

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0960	EA	72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D).....	3,340.86	173.43
11 68	13 00-0961	EA	72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A).....	5,543.59	242.81
11 68	13 00-0962	EA	40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B).....	4,541.79	242.81
11 68	13 00-0963	EA	32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A).....	1,594.82	138.75
11 68	13 00-0964	EA	56" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B).....	1,798.89	138.75
11 68	13 00-0965	EA	32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A).....	2,002.97	138.75
11 68	13 00-0966	EA	56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B).....	2,262.69	138.75
11 68	13 00-0967	EA	64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A).....	5,418.04	312.19
11 68	13 00-0968	EA	SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A).....	7,445.81	104.06
11 68	13 00-0969	EA	Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A).....	7,391.67	277.50
11 68	13 00-0970	EA	Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B).....	7,391.67	277.50
11 68	13 00-0971	EA	Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C).....	7,391.67	277.50
11 68	13 00-0972	EA	SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A).....	7,445.81	104.06
11 68	13 00-0973	EA	Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A).....	4,702.28	138.75
11 68	13 00-0974	EA	SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A).....	9,618.56	138.75
11 68	13 00-0975	EA	Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A).....	5,325.93	173.43
11 68	13 00-0976	EA	Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A).....	243.33	34.68
11 68	13 00-0977	EA	Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A).....	280.43	34.68
11 68	13 00-0978	EA	Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A).....	1,050.34	34.68
11 68	13 00-0979	EA	Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A).....	373.19	34.68
11 68	13 00-0980	EA	40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A).....	3,315.20	208.13
11 68	13 00-0981	EA	48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B).....	3,556.38	208.13
11 68	13 00-0982	EA	40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A).....	3,723.34	208.13
11 68	13 00-0983	EA	48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B).....	4,066.56	208.13
11 68	13 00-0984	EA	40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A).....	3,723.34	208.13
11 68	13 00-0985	EA	48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B).....	3,992.35	208.13
11 68	13 00-0986	EA	1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A).....	1,861.66	104.06
11 68	13 00-0987	EA	2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B).....	2,640.85	104.06
11 68	13 00-0988	EA	3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C).....	3,429.31	104.06
11 68	13 00-0989	EA	4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D).....	4,208.49	104.06
11 68	13 00-0990	EA	1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A).....	1,796.73	104.06
11 68	13 00-0991	EA	2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B).....	2,056.46	104.06
11 68	13 00-0992	EA	3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C).....	2,325.46	104.06
11 68	13 00-0993	EA	4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D).....	2,436.77	104.06
11 68	13 00-0994	EA	1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A).....	2,149.22	104.06
11 68	13 00-0995	EA	2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B).....	2,427.50	104.06
11 68	13 00-0996	EA	3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C).....	2,687.23	104.06
11 68	13 00-0997	EA	4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D).....	2,946.95	104.06
11 68	13 00-0998	EA	48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A).....	5,089.07	242.81
11 68	13 00-0999	EA	64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B).....	5,218.93	242.81
11 68	13 00-1000	EA	48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C).....	5,144.73	242.81
11 68	13 00-1001	EA	48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A).....	5,914.63	242.81
11 68	13 00-1002	EA	64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B).....	6,044.50	242.81
11 68	13 00-1003	EA	48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C).....	5,988.84	242.81
11 68	13 00-1004	EA	40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A).....	1,977.29	173.43
11 68	13 00-1005	EA	56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B).....	2,172.09	173.43
11 68	13 00-1006	EA	64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C).....	2,376.16	173.43
11 68	13 00-1007	EA	40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A).....	2,554.57	208.13
11 68	13 00-1008	EA	56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B).....	2,758.64	208.13
11 68	13 00-1009	EA	64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C).....	2,953.44	208.13
11 68	13 00-1010	EA	40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A).....	2,385.44	173.43
11 68	13 00-1011	EA	56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B).....	2,570.96	173.43
11 68	13 00-1012	EA	64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C).....	2,784.30	173.43
11 68	13 00-1013	EA	40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A).....	1,372.20	138.75
11 68	13 00-1014	EA	40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A).....	1,780.34	138.75
11 68	13 00-1015	EA	32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A).....	1,594.82	138.75
11 68	13 00-1016	EA	56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B).....	1,724.69	138.75
11 68	13 00-1017	EA	32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A).....	2,002.97	138.75
11 68	13 00-1018	EA	56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B).....	2,114.28	138.75
11 68	13 00-1019	EA	24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A).....	1,183.44	92.50
11 68	13 00-1020	EA	32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B).....	1,304.03	92.50
11 68	13 00-1021	EA	40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C).....	1,452.45	92.50
11 68	13 00-1022	EA	48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D).....	1,741.07	104.06
11 68	13 00-1023	EA	56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E).....	1,963.70	104.06
11 68	13 00-1024	EA	64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F).....	2,167.77	104.06
11 68	13 00-1025	EA	72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G).....	2,446.05	104.06





<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1026 EA 48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A) .....	2,548.09	104.06
11 68 13 00-1027 EA 64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B) .....	2,640.85	104.06
11 68 13 00-1028 EA 48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A).....	2,956.23	104.06
11 68 13 00-1029 EA 64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B).....	3,058.27	104.06
11 68 13 00-1030 EA 48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A) .....	2,524.58	173.43
11 68 13 00-1031 EA 64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B) .....	2,645.16	173.43
11 68 13 00-1032 EA 48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A).....	3,454.34	208.13
11 68 13 00-1033 EA 64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B).....	3,602.76	208.13
11 68 13 00-1034 EA 48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A).....	2,932.72	173.43
11 68 13 00-1035 EA 64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B).....	3,044.03	173.43
11 68 13 00-1036 EA 32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A).....	1,344.37	138.75
11 68 13 00-1037 EA 40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B) .....	1,798.89	138.75
11 68 13 00-1038 EA 56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C) .....	2,263.78	161.88
11 68 13 00-1039 EA 72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D).....	2,727.58	161.88
11 68 13 00-1040 EA 32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A) .....	2,179.21	138.75
11 68 13 00-1041 EA 40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B).....	2,318.35	138.75
11 68 13 00-1042 EA 48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C).....	2,643.01	138.75
11 68 13 00-1043 EA 64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D) .....	2,967.67	138.75
11 68 13 00-1044 EA 32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A) .....	2,596.63	138.75
11 68 13 00-1045 EA 40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B).....	2,726.49	138.75
11 68 13 00-1046 EA 48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C).....	3,051.15	138.75
11 68 13 00-1047 EA 64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D).....	3,385.09	138.75
11 68 13 00-1048 EA Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A) .....	1,628.82	208.13
11 68 13 00-1049 EA 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A) .....	1,910.21	138.75
11 68 13 00-1050 EA PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A) .....	2,100.04	208.13
11 68 13 00-1051 EA 48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A).....	8,522.04	555.00
11 68 13 00-1052 EA 48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B).....	8,522.04	555.00
11 68 13 00-1053 EA 48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A).....	1,706.13	138.75
11 68 13 00-1054 EA 56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B).....	1,706.13	138.75
11 68 13 00-1055 EA 64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C).....	1,882.38	138.75
11 68 13 00-1056 EA 72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D).....	1,882.38	138.75
11 68 13 00-1057 EA 24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A).....	1,101.03	104.06
11 68 13 00-1058 EA 40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B).....	1,184.51	104.06
11 68 13 00-1059 EA 56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C).....	1,240.17	104.06
11 68 13 00-1060 EA 64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D) .....	1,314.38	104.06
11 68 13 00-1061 EA 24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A).....	1,722.52	104.06
11 68 13 00-1062 EA 40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B).....	1,796.73	104.06
11 68 13 00-1063 EA 56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C).....	1,861.66	104.06
11 68 13 00-1064 EA 64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D).....	1,945.15	104.06
11 68 13 00-1065 EA 24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A).....	1,499.90	104.06
11 68 13 00-1066 EA 40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B).....	1,555.55	104.06
11 68 13 00-1067 EA 56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C).....	1,639.04	104.06
11 68 13 00-1068 EA 64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D).....	1,722.52	104.06
11 68 13 00-1069 EA 56" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D).....	1,281.59	173.43
11 68 13 00-1070 EA 64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E).....	1,327.97	173.43
11 68 13 00-1071 EA 72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F).....	1,411.46	173.43
11 68 13 00-1072 EA 32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A).....	1,782.50	173.43
11 68 13 00-1073 EA 40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B).....	1,856.70	173.43
11 68 13 00-1074 EA 48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C).....	1,912.36	173.43
11 68 13 00-1075 EA 56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D).....	1,977.29	173.43
11 68 13 00-1076 EA 64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E).....	2,042.22	173.43
11 68 13 00-1077 EA 72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F).....	2,107.16	173.43
11 68 13 00-1078 EA 32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A).....	1,494.94	173.43
11 68 13 00-1079 EA 40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B).....	1,569.15	173.43
11 68 13 00-1080 EA 48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C).....	1,615.53	173.43
11 68 13 00-1081 EA 56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D).....	1,661.91	173.43
11 68 13 00-1082 EA 64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E).....	1,717.56	173.43
11 68 13 00-1083 EA 72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F).....	1,801.05	173.43
11 68 13 00-1084 EA Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A).....	2,550.25	138.75
11 68 13 00-1085 EA Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A).....	1,796.73	104.06
11 68 13 00-1086 EA Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A).....	3,602.76	208.13
11 68 13 00-1087 EA Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A).....	904.09	69.38
11 68 13 00-1088 EA Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A).....	2,550.25	138.75
11 68 13 00-1089 EA Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A).....	4,586.01	208.13
11 68 13 00-1090 EA Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A).....	3,637.70	173.43
11 68 13 00-1091 EA Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A).....	3,454.34	208.13
11 68 13 00-1092 EA Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A).....	3,860.32	173.43
11 68 13 00-1093 EA Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A).....	2,496.75	173.43
11 68 13 00-1094 EA Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A).....	1,581.24	69.38
11 68 13 00-1095 EA Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A).....	1,544.13	69.38
11 68 13 00-1096 EA Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A).....	1,627.62	69.38
11 68 13 00-1097 EA Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A).....	1,256.58	69.38
11 68 13 00-1098 EA Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A).....	1,738.93	69.38

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1099	EA		Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A).....	1,395.72	69.38
11 68 13 00-1100	EA		Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A).....	1,776.03	69.38
11 68 13 00-1101	EA		Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A).....	3,637.70	173.43
11 68 13 00-1102	EA		Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A).....	1,544.13	69.38
11 68 13 00-1103	EA		Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A).....	2,664.37	34.68
11 68 13 00-1104	EA		Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A).....	2,288.36	104.06
11 68 13 00-1105	EA		Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B).....	2,028.63	104.06
11 68 13 00-1106	EA		116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B).....	1,743.24	138.75
11 68 13 00-1107	EA		132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B).....	1,836.00	138.75
11 68 13 00-1108	EA		10" Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A).....	3,422.19	138.75
11 68 13 00-1109	EA		18" Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A).....	3,848.89	138.75
11 68 13 00-1110	EA		16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A).....	4,898.58	312.19
11 68 13 00-1111	EA		90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A).....	6,227.20	346.88
11 68 13 00-1112	EA		C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A).....	13,484.05	693.75
11 68 13 00-1113	EA		16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A).....	7,391.02	416.25
11 68 13 00-1114	EA		42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A).....	2,926.26	69.38
11 68 13 00-1115	EA		42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A).....	3,121.05	69.38
11 68 13 00-1116	EA		123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A).....	5,696.97	173.43
11 68 13 00-1117	EA		123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B).....	7,338.82	173.43
11 68 13 00-1118	EA		42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A).....	2,984.06	104.06
11 68 13 00-1119	EA		84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A).....	4,516.11	277.50
11 68 13 00-1120	EA		123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A).....	5,221.09	277.50
11 68 13 00-1121	EA		Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A).....	447.40	34.68
11 68 13 00-1122	EA		Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A).....	674.33	104.06
11 68 13 00-1123	EA		Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B).....	822.75	104.06
11 68 13 00-1124	EA		Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A).....	655.78	104.06
11 68 13 00-1125	EA		84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A).....	4,873.57	208.13
11 68 13 00-1126	EA		123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A).....	6,174.36	242.81
11 68 13 00-1127	EA		84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A).....	6,997.77	208.13
11 68 13 00-1128	EA		123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A).....	8,556.14	208.13
11 68 13 00-1129	EA		84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A).....	4,260.04	485.62
11 68 13 00-1130	EA		123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A).....	5,896.94	555.00
11 68 13 00-1131	EA		S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A).....	5,896.94	555.00
11 68 13 00-1132	EA		16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A).....	4,364.04	69.38
11 68 13 00-1133	EA		16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A).....	2,852.05	69.38
11 68 13 00-1134	EA		Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A).....	3,289.53	242.81
11 68 13 00-1135	EA		64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B).....	3,635.54	138.75
11 68 13 00-1136	EA		90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A).....	4,312.69	138.75
11 68 13 00-1137	EA		32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A).....	2,782.15	138.75
11 68 13 00-1138	EA		C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A).....	7,094.84	277.50
11 68 13 00-1139	EA		S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B).....	7,094.84	277.50
11 68 13 00-1140	EA		C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A).....	7,094.84	277.50
11 68 13 00-1141	EA		S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B).....	7,094.84	277.50
11 68 13 00-1142	EA		24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A).....	4,541.79	242.81
11 68 13 00-1143	EA		8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A).....	4,022.33	242.81
11 68 13 00-1144	EA		16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A).....	4,152.19	242.81
11 68 13 00-1145	EA		Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A).....	2,222.35	92.50
11 68 13 00-1146	EA		Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A).....	2,111.04	92.50
11 68 13 00-1147	EA		Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A).....	2,490.29	69.38
11 68 13 00-1148	EA		Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A).....	1,924.45	69.38
11 68 13 00-1149	EA		Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A).....	1,851.31	92.50
11 68 13 00-1150	EA		Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A).....	1,712.17	92.50
11 68 13 00-1151	EA		Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A).....	1,135.99	69.38
11 68 13 00-1152	EA		Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A).....	839.16	69.38
11 68 13 00-1153	EA		Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A).....	848.43	69.38
11 68 13 00-1154	EA		Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A).....	1,627.62	69.38
11 68 13 00-1155	EA		Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A).....	1,322.58	92.50
11 68 13 00-1156	EA		Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A).....	1,015.40	69.38
11 68 13 00-1157	EA		Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A).....	1,015.40	69.38
11 68 13 00-1158	EA		Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A).....	1,544.13	69.38
11 68 13 00-1159	EA		Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A).....	1,479.20	69.38



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1160 EA Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A) .....	1,748.21	69.38
11 68 13 00-1161 EA Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A) .....	2,082.14	69.38
11 68 13 00-1162 EA Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A) .....	1,924.45	69.38
11 68 13 00-1163 EA Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A) .....	1,033.95	69.38
11 68 13 00-1164 EA Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A) .....	1,731.80	104.06
11 68 13 00-1165 EA Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B) .....	1,991.53	104.06
11 68 13 00-1166 EA Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A) .....	1,256.58	69.38
11 68 13 00-1167 EA Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B) .....	1,451.37	69.38
11 68 13 00-1168 EA Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A) .....	1,163.82	69.38
11 68 13 00-1169 EA Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A) .....	978.30	69.38
11 68 13 00-1170 EA Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A) .....	931.92	69.38
11 68 13 00-1171 EA Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A) .....	1,603.03	127.18
11 68 13 00-1172 EA Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A) .....	2,149.22	104.06
11 68 13 00-1173 EA Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A) .....	1,461.72	92.50
11 68 13 00-1174 EA Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A) .....	839.16	69.38
11 68 13 00-1175 EA Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A) .....	866.99	69.38
11 68 13 00-1176 EA 2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A) .....	419.57	34.68
11 68 13 00-1177 EA 1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B) .....	210.71	23.13
11 68 13 00-1178 EA House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A) .....	1,097.80	57.81
11 68 13 00-1179 EA House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B) .....	1,312.23	69.38
11 68 13 00-1180 EA House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A) .....	950.47	69.38
11 68 13 00-1181 EA Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A) .....	2,388.25	69.38
11 68 13 00-1182 EA Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A) .....	2,082.14	69.38
11 68 13 00-1183 EA Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B) .....	2,601.60	69.38
11 68 13 00-1184 EA Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A) .....	866.99	69.38
11 68 13 00-1185 EA Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A) .....	932.99	92.50
11 68 13 00-1186 EA Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B) .....	1,108.16	69.38
11 68 13 00-1187 EA Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B) .....	1,192.72	92.50
11 68 13 00-1188 EA Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A) .....	922.64	69.38
11 68 13 00-1189 EA Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B) .....	1,182.37	69.38
11 68 13 00-1190 EA Pipe Guardrail (Landscape Structures® PlayBooster® 116245A) .....	746.40	69.38
11 68 13 00-1191 EA Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A) .....	951.54	92.50
11 68 13 00-1192 EA Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A) .....	901.93	34.68
11 68 13 00-1193 EA Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A) .....	647.30	34.68
11 68 13 00-1194 EA Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A) .....	1,180.21	34.68
11 68 13 00-1195 EA Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A) .....	1,997.58	57.81
11 68 13 00-1196 EA Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A) .....	1,079.25	57.81
11 68 13 00-1197 EA Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A) .....	1,645.09	57.81
11 68 13 00-1198 EA Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A) .....	1,238.03	69.38
11 68 13 00-1199 EA Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B) .....	1,507.03	69.38
11 68 13 00-1200 EA Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A) .....	3,028.29	69.38
11 68 13 00-1201 EA Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B) .....	3,261.27	92.50
11 68 13 00-1202 EA Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A) .....	1,887.35	69.38
11 68 13 00-1203 EA Wire Barrier (Landscape Structures® PlayBooster® 120314A) .....	970.09	92.50
11 68 13 00-1204 EA Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A) .....	1,174.17	92.50
11 68 13 00-1205 EA Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B) .....	1,239.10	92.50
11 68 13 00-1206 EA Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B) .....	1,443.17	92.50
11 68 13 00-1207 EA Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C) .....	1,033.95	69.38
11 68 13 00-1208 EA Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D) .....	1,302.96	69.38
11 68 13 00-1209 EA Loop Seats (Landscape Structures® PlayBooster® 118089A) .....	651.47	34.68
11 68 13 00-1210 EA Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A) .....	251.52	23.13
11 68 13 00-1211 EA Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A) .....	279.35	23.13
11 68 13 00-1212 EA Handloop Assembly (Landscape Structures® PlayBooster® 111275A) .....	365.00	57.81
11 68 13 00-1213 EA Rail Assembly (Landscape Structures® PlayBooster® 111276A) .....	355.72	57.81
11 68 13 00-1214 EA Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B) .....	1,881.31	127.18
11 68 13 00-1215 EA Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C) .....	813.47	104.06
11 68 13 00-1216 EA Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D) .....	757.82	104.06
11 68 13 00-1217 EA Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A) .....	969.02	69.38
11 68 13 00-1218 EA Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A) .....	2,585.19	104.06
11 68 13 00-1219 EA 48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A) .....	911.20	34.68
11 68 13 00-1220 EA 72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B) .....	966.86	34.68
11 68 13 00-1221 EA Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A) .....	688.58	34.68
11 68 13 00-1222 EA 16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B) .....	697.85	34.68
11 68 13 00-1223 EA 24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C) .....	707.13	34.68
11 68 13 00-1224 EA 32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D) .....	716.41	34.68
11 68 13 00-1225 EA 40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E) .....	725.68	34.68
11 68 13 00-1226 EA 48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F) .....	744.23	34.68
11 68 13 00-1227 EA 56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G) .....	753.51	34.68
11 68 13 00-1228 EA 64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H) .....	772.06	34.68
11 68 13 00-1229 EA 72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I) .....	781.34	34.68
11 68 13 00-1230 EA Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A) .....	1,078.17	34.68
11 68 13 00-1231 EA Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A) .....	3,291.68	277.50
11 68 13 00-1232 EA Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A) .....	4,618.15	277.50
11 68 13 00-1233 EA Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A) .....	3,788.28	208.13



**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1234	EA		Square SteelX Roof (Landscape Structures® PlayBooster® 139375A).....	4,038.73	208.13
11 68 13 00-1235	EA		Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A).....	6,285.67	242.81
11 68 13 00-1236	EA		Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A).....	390.66	23.13
11 68 13 00-1237	EA		Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A).....	15,589.06	832.50
11 68 13 00-1238	EA		Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A).....	5,182.03	693.75
11 68 13 00-1239	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A).....	26,671.92	1,248.75
11 68 13 00-1240	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B).....	20,855.86	1,248.75
11 68 13 00-1241	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C).....	19,733.47	1,248.75
11 68 13 00-1242	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D).....	26,829.61	1,248.75
11 68 13 00-1243	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E).....	21,013.56	1,248.75
11 68 13 00-1244	EA		PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F).....	19,900.44	1,248.75
11 68 13 00-1245	EA		Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A).....	1,367.89	69.38
11 68 13 00-1246	EA		Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A).....	1,312.23	69.38
11 68 13 00-1247	EA		Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A).....	1,275.13	69.38
11 68 13 00-1248	EA		Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A).....	1,031.79	34.68
11 68 13 00-1249	EA		Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A).....	3,860.32	173.43
11 68 13 00-1250	EA		Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A).....	1,023.60	57.81
11 68 13 00-1251	EA		90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A).....	1,096.72	34.68
11 68 13 00-1252	EA		Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A).....	774.23	69.38
11 68 13 00-1253	EA		24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A).....	624.73	57.81
11 68 13 00-1254	EA		32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B).....	773.14	57.81
11 68 13 00-1255	EA		To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A).....	3,365.89	277.50
11 68 13 00-1256	EA		To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B).....	3,811.14	277.50
11 68 13 00-1257	EA		To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C).....	3,996.66	277.50
11 68 13 00-1258	EA		To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A).....	3,718.38	277.50
11 68 13 00-1259	EA		To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B).....	4,154.35	277.50
11 68 13 00-1260	EA		To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C).....	4,312.04	277.50
11 68 13 00-1261	EA		Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A).....	1,961.55	69.38
11 68 13 00-1262	EA		Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B).....	1,896.62	69.38
11 68 13 00-1263	EA		Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C).....	1,822.41	69.38
11 68 13 00-1264	EA		Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D).....	1,803.86	69.38
11 68 13 00-1265	EA		Arch/Ground Level (Landscape Structures® PlayBooster® 111406E).....	1,683.27	69.38
11 68 13 00-1266	EA		106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J).....	652.56	57.81
11 68 13 00-1267	EA		98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K).....	634.00	57.81
11 68 13 00-1268	EA		90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L).....	624.73	57.81
11 68 13 00-1269	EA		82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M).....	615.45	57.81
11 68 13 00-1270	EA		74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N).....	606.18	57.81
11 68 13 00-1271	EA		66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O).....	587.62	57.81
11 68 13 00-1272	EA		58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P).....	578.35	57.81
11 68 13 00-1273	EA		50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q).....	569.07	57.81
11 68 13 00-1274	EA		42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R).....	550.52	57.81
11 68 13 00-1275	EA		106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J).....	615.45	57.81
11 68 13 00-1276	EA		98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K).....	606.18	57.81
11 68 13 00-1277	EA		90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L).....	587.62	57.81
11 68 13 00-1278	EA		82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M).....	578.35	57.81
11 68 13 00-1279	EA		74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N).....	569.07	57.81
11 68 13 00-1280	EA		66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O).....	550.52	57.81
11 68 13 00-1281	EA		58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P).....	541.24	57.81
11 68 13 00-1282	EA		50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q).....	531.97	57.81
11 68 13 00-1283	EA		42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R).....	522.69	57.81
11 68 13 00-1284	EA		148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M).....	484.51	34.68
11 68 13 00-1285	EA		140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N).....	467.75	34.68
11 68 13 00-1286	EA		132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O).....	447.40	34.68
11 68 13 00-1287	EA		124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P).....	438.13	34.68
11 68 13 00-1288	EA		116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q).....	428.85	34.68
11 68 13 00-1289	EA		108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R).....	419.57	34.68
11 68 13 00-1290	EA		100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S).....	401.02	34.68
11 68 13 00-1291	EA		92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T).....	373.19	34.68
11 68 13 00-1292	EA		84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U).....	354.64	34.68
11 68 13 00-1293	EA		76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V).....	345.37	34.68
11 68 13 00-1294	EA		156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W).....	549.44	34.68
11 68 13 00-1295	EA		182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z).....	632.92	34.68
11 68 13 00-1296	EA		182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K).....	558.71	34.68
11 68 13 00-1297	EA		174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L).....	549.44	34.68
11 68 13 00-1298	EA		166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M).....	540.16	34.68
11 68 13 00-1299	EA		158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N).....	521.61	34.68
11 68 13 00-1300	EA		150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O).....	512.33	34.68
11 68 13 00-1301	EA		142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P).....	503.06	34.68



		<b>Equipment</b>	<b>11</b>
		<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
		<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-1302	EA	134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q).....	493.78	34.68
11 68	13 00-1303	EA	126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R).....	484.51	34.68
11 68	13 00-1304	EA	118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S).....	456.68	34.68
11 68	13 00-1305	EA	110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T).....	447.40	34.68
11 68	13 00-1306	EA	204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A).....	2,619.25	1,248.75
11 68	13 00-1307	EA	212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B).....	2,628.52	1,248.75
11 68	13 00-1308	EA	220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C).....	2,647.08	1,248.75
11 68	13 00-1309	EA	264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A).....	2,362.13	693.75
11 68	13 00-1310	EA	248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B).....	2,306.47	693.75
11 68	13 00-1311	EA	232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C).....	2,278.65	693.75
11 68	13 00-1312	EA	220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D).....	2,120.95	693.75
11 68	13 00-1313	EA	200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E).....	2,083.85	693.75
11 68	13 00-1314	EA	Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A).....	742.69	69.38
11 68	13 00-1315	EA	132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A).....	1,919.48	138.75
11 68	13 00-1316	EA	Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B).....	1,659.75	138.75
11 68	13 00-1317	EA	84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B).....	3,996.60	208.13
11 68	13 00-1318	EA	84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C).....	4,177.87	208.13
11 68	13 00-1319	EA	123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B).....	5,637.99	277.50
11 68	13 00-1320	EA	123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C).....	5,267.47	277.50
11 68	13 00-1321	EA	106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A).....	746.40	69.38
11 68	13 00-1322	EA	98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B).....	718.57	69.38
11 68	13 00-1323	EA	90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C).....	690.74	69.38
11 68	13 00-1324	EA	82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D).....	681.47	69.38
11 68	13 00-1325	EA	74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E).....	605.09	34.68
11 68	13 00-1326	EA	66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F).....	586.54	34.68
11 68	13 00-1327	EA	58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G).....	558.71	34.68
11 68	13 00-1328	EA	50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H).....	549.44	34.68
11 68	13 00-1329	EA	42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I).....	540.16	34.68
11 68	13 00-1330	EA	Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B).....	1,845.27	138.75
11 68	13 00-1331	EA	32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B).....	6,010.75	277.50
11 68	13 00-1332	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B).....	5,637.99	277.50
11 68	13 00-1333	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C).....	5,820.04	277.50
11 68	13 00-1334	EA	Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A).....	6,018.82	277.50
11 68	13 00-1335	EA	The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A).....	28,000.34	832.50
11 68	13 00-1336	EA	The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A).....	15,831.53	555.00
11 68	13 00-1337	EA	Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A).....	1,395.72	69.38
11 68	13 00-1338	EA	Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A).....	4,966.33	208.13
11 68	13 00-1339	EA	Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B).....	4,465.42	208.13
11 68	13 00-1340	EA	Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A).....	5,805.48	277.50
11 68	13 00-1341	EA	Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A).....	5,592.13	277.50
11 68	13 00-1342	EA	Ramp With Guardrails, Without Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B).....	4,984.88	208.13
11 68	13 00-1343	EA	Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C).....	4,743.70	208.13
11 68	13 00-1344	EA	Ramp With Guardrails, Without Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D).....	4,242.80	208.13
11 68	13 00-1345	EA	Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A).....	6,853.66	277.50
11 68	13 00-1346	EA	16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A).....	746.40	69.38
11 68	13 00-1347	EA	24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A).....	1,108.16	69.38
11 68	13 00-1348	EA	24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B).....	1,228.75	69.38
11 68	13 00-1349	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A).....	1,854.55	138.75
11 68	13 00-1350	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B).....	1,984.41	138.75
11 68	13 00-1351	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C).....	2,077.17	138.75
11 68	13 00-1352	EA	32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D).....	2,179.21	138.75
11 68	13 00-1353	EA	Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A).....	3,129.68	208.13
11 68	13 00-1354	EA	Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A).....	1,984.41	138.75
11 68	13 00-1355	EA	Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A).....	1,798.89	138.75
11 68	13 00-1356	EA	Stationary Cyclus, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A).....	1,479.20	69.38
11 68	13 00-1357	EA	Stationary Cyclus, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B).....	1,154.54	69.38
11 68	13 00-1358	EA	Stationary Cyclus, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C).....	2,179.21	138.75
11 68	13 00-1359	EA	Stationary Cyclus, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D).....	1,154.54	69.38

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1360	EA	(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A).....	2,976.95	138.75	
11 68 13 00-1361	EA	(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B).....	2,949.12	138.75	
11 68 13 00-1362	EA	The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A).....	9,084.21	346.88	
11 68 13 00-1363	EA	The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A).....	9,557.29	346.88	
11 68 13 00-1364	EA	The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A).....	4,836.46	208.13	
11 68 13 00-1365	EA	64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A).....	5,684.89	277.50	
11 68 13 00-1366	EA	Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A).....	848.43	69.38	
11 68 13 00-1367	EA	Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A).....	4,901.40	208.13	
11 68 13 00-1368	EA	Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A).....	9,677.88	346.88	
11 68 13 00-1369	EA	RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A).....	3,129.68	208.13	
11 68 13 00-1370	EA	Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A).....	1,330.79	69.38	
11 68 13 00-1371	EA	Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A).....	1,200.92	69.38	
11 68 13 00-1372	EA	Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A).....	1,210.20	69.38	
11 68 13 00-1373	EA	Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A).....	2,698.67	138.75	
11 68 13 00-1374	EA	Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A).....	2,151.38	138.75	
11 68 13 00-1375	EA	Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A).....	1,126.71	69.38	
11 68 13 00-1376	EA	Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A).....	1,312.23	69.38	
11 68 13 00-1377	EA	Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A).....	1,228.75	69.38	

**11 68 13 00-1378 Playground Equipment (Landscape Structures® Evos™)** (11 68 13 00-0356)

11 68 13 00-1379	EA	Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A).....	1,024.68	69.38
11 68 13 00-1380	EA	Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A).....	1,200.92	69.38
11 68 13 00-1381	EA	Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A).....	4,586.01	208.13
11 68 13 00-1382	EA	Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A).....	3,537.82	208.13
11 68 13 00-1383	EA	Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A).....	8,304.60	196.56
11 68 13 00-1384	EA	Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A).....	6,426.97	277.50
11 68 13 00-1385	EA	RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A).....	4,296.29	173.43
11 68 13 00-1386	EA	Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A).....	8,862.25	208.13
11 68 13 00-1387	EA	Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A).....	2,095.73	138.75
11 68 13 00-1388	EA	Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A).....	2,724.33	104.06
11 68 13 00-1389	EA	E-Pod Step (Landscape Structures® Evos™ 156454A).....	427.77	23.13
11 68 13 00-1390	EA	Cyclor With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A).....	1,924.45	69.38
11 68 13 00-1391	EA	8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A).....	1,394.64	57.81
11 68 13 00-1392	EA	16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B).....	1,403.91	57.81
11 68 13 00-1393	EA	24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C).....	1,413.19	57.81
11 68 13 00-1394	EA	Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A).....	7,978.21	312.19
11 68 13 00-1395	EA	PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A).....	8,222.20	208.13
11 68 13 00-1396	EA	ArCoVer Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A).....	3,598.44	138.75
11 68 13 00-1397	EA	Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A).....	3,863.13	69.38
11 68 13 00-1398	EA	2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A).....	33,751.46	832.50
11 68 13 00-1399	EA	3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A).....	38,062.64	1,248.75
11 68 13 00-1400	EA	Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A).....	4,020.67	416.25
11 68 13 00-1401	EA	16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A).....	1,956.59	138.75
11 68 13 00-1402	EA	24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B).....	1,975.14	138.75
11 68 13 00-1403	EA	Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A).....	1,312.23	69.38
11 68 13 00-1404	EA	Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A).....	1,210.20	69.38
11 68 13 00-1405	EA	Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A).....	1,033.95	69.38
11 68 13 00-1406	EA	Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A).....	2,142.11	138.75
11 68 13 00-1407	EA	Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A).....	1,108.16	69.38
11 68 13 00-1408	EA	Chimes Reach Panel (Landscape Structures® Evos™ 161777A).....	1,789.62	138.75
11 68 13 00-1409	EA	Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A).....	700.02	69.38
11 68 13 00-1410	EA	Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A).....	959.75	69.38
11 68 13 00-1411	EA	Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A).....	1,238.03	69.38
11 68 13 00-1412	EA	Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A).....	2,893.46	138.75
11 68 13 00-1413	EA	Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A).....	3,537.82	208.13
11 68 13 00-1414	EA	BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A).....	6,269.28	277.50
11 68 13 00-1415	EA	Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A).....	2,578.08	138.75
11 68 13 00-1416	EA	Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A).....	2,809.98	138.75
11 68 13 00-1417	EA	3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A).....	38,600.86	1,248.75
11 68 13 00-1418	EA	4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A).....	42,218.50	1,248.75
11 68 13 00-1419	EA	Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A).....	4,493.25	208.13
11 68 13 00-1420	EA	Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A).....	8,351.41	346.88
11 68 13 00-1421	EA	Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A).....	2,002.97	138.75
11 68 13 00-1422	EA	Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A).....	2,513.15	138.75
11 68 13 00-1423	EA	TwirlWind Turning Bar (Landscape Structures® Evos™ 160210A).....	2,513.15	138.75

**11 68 13 00-1424 Playground Equipment (Landscape Structures® Weevos™)** (11 68 13 00-0356)





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1425 EA Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A).....	1,024.68	69.38
11 68 13 00-1426 EA ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A).....	2,624.46	138.75
<b>11 68 13 00-1427 Playground Equipment (Landscape Structures® Parts) <small>(11 68 13 00-0356)</small></b>		
11 68 13 00-1428 EA 52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A).....	111.61	34.68
11 68 13 00-1429 EA 66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A).....	117.18	34.68
11 68 13 00-1430 EA Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A).....	109.76	34.68
11 68 13 00-1431 EA Play It Safe Label, 2-5 Years (Landscape Structures® 156845A).....	13.42	6.94
11 68 13 00-1432 EA Play It Safe Label, 2-12 Years (Landscape Structures® 156846A).....	13.42	6.94
11 68 13 00-1433 EA Play It Safe Label, 5-12 Years (Landscape Structures® 156847A).....	13.42	6.94
11 68 13 00-1434 EA Play It Safe Label, 8-12 Years (Landscape Structures® 156848A).....	13.42	6.94
11 68 13 00-1435 EA D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A).....	170.98	34.68
11 68 13 00-1436 EA (2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A).....	88.06	13.88
11 68 13 00-1437 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A).....	54.67	13.88
11 68 13 00-1438 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A).....	56.52	13.88
11 68 13 00-1439 EA 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A).....	112.38	17.35
11 68 13 00-1440 EA 3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A).....	112.38	17.35
11 68 13 00-1441 EA TenderTuff Repair Kit (Landscape Structures® 138717A).....	12.06	13.88
11 68 13 00-1442 EA Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A).....	147.63	17.35
11 68 13 00-1443 EA (2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A).....	93.63	13.88
11 68 13 00-1444 EA 65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A).....	115.32	34.68
11 68 13 00-1445 EA 43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A).....	105.12	34.68
11 68 13 00-1446 EA 87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A).....	141.29	34.68
11 68 13 00-1447 EA 29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A).....	100.48	34.68
11 68 13 00-1448 EA 49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A).....	109.76	34.68
11 68 13 00-1449 EA 67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A).....	119.03	34.68
11 68 13 00-1450 EA 76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A).....	128.31	34.68
11 68 13 00-1451 EA 90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A).....	146.86	34.68
11 68 13 00-1452 EA 37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A).....	103.26	34.68
11 68 13 00-1453 EA 121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A).....	169.12	34.68
11 68 13 00-1454 EA Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A).....	829.88	69.38
11 68 13 00-1455 EA Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A).....	326.81	34.68
11 68 13 00-1456 EA Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A).....	317.54	34.68
11 68 13 00-1457 EA Nylon Basketball Net (Landscape Structures® 100082A).....	54.87	17.35
11 68 13 00-1458 EA Chain Basketball Net (Landscape Structures® 100083A).....	67.86	17.35
11 68 13 00-1459 EA Basketball Frame Set Only, Moveable (Landscape Structures® 100099A).....	1,479.20	69.38
11 68 13 00-1460 EA Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A).....	1,228.75	69.38
11 68 13 00-1461 EA Warning Label (Landscape Structures® 115176A).....	.019	13.88
11 68 13 00-1462 EA PS Spare Parts Kit (Landscape Structures® 107040A).....	63.08	137.28
11 68 13 00-1463 EA PB Spare Parts Kit (Landscape Structures® 107043A).....	137.28	811.33
11 68 13 00-1464 EA Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A).....	811.33	69.38
11 68 13 00-1465 EA 5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A).....	170.98	34.68
11 68 13 00-1466 EA Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A).....	959.75	69.38
<b>11 68 13 00-1467 Playground Equipment (Landscape Structures® Site Furniture) <small>(11 68 13 00-0356)</small></b>		
11 68 13 00-1468 EA 60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A).....	1,603.03	127.18
11 68 13 00-1469 EA 60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B).....	832.03	104.06
11 68 13 00-1470 EA 60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C).....	1,408.23	127.18
11 68 13 00-1471 EA 60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D).....	831.47	104.06
11 68 13 00-1472 EA 96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E).....	2,298.73	127.18
11 68 13 00-1473 EA 96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F).....	1,082.48	104.06
11 68 13 00-1474 EA 96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G).....	2,001.89	127.18
11 68 13 00-1475 EA 96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H).....	1,054.65	104.06
11 68 13 00-1476 EA Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A).....	396.05	104.06
11 68 13 00-1477 EA 32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A).....	243.93	104.06
11 68 13 00-1478 EA Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A).....	296.66	92.50
11 68 13 00-1479 EA Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A).....	1,008.27	104.06
11 68 13 00-1480 EA Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A).....	868.06	92.50
11 68 13 00-1481 EA Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B).....	868.06	92.50
11 68 13 00-1482 EA Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A).....	523.77	69.38
11 68 13 00-1483 EA Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B).....	774.23	69.38
11 68 13 00-1484 EA 60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A).....	2,553.91	346.88
11 68 13 00-1485 EA 60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B).....	2,461.15	346.88
11 68 13 00-1486 EA 60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C).....	2,331.28	346.88
11 68 13 00-1487 EA 84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D).....	3,175.40	346.88
11 68 13 00-1488 EA 84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E).....	3,073.36	346.88
11 68 13 00-1489 EA 84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F).....	2,934.22	346.88
11 68 13 00-1490 EA 60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G).....	2,674.50	346.88
11 68 13 00-1491 EA 60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H).....	2,553.91	346.88

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1492	EA		60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I).....	2,424.04	346.88
11 68 13 00-1493	EA		84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J).....	3,295.99	346.88
11 68 13 00-1494	EA		84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K).....	3,175.40	346.88
11 68 13 00-1495	EA		84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L).....	3,026.98	346.88
11 68 13 00-1496	EA		70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A).....	832.03	104.06
11 68 13 00-1497	EA		70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B).....	915.51	104.06
11 68 13 00-1498	EA		94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C).....	896.96	104.06
11 68 13 00-1499	EA		94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D).....	980.44	104.06
11 68 13 00-1500	EA		70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E).....	1,221.62	104.06
11 68 13 00-1501	EA		70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F).....	1,138.13	104.06
11 68 13 00-1502	EA		94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G).....	1,295.83	104.06
11 68 13 00-1503	EA		94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H).....	1,212.34	104.06
11 68 13 00-1504	EA		Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A).....	171.75	23.13
11 68 13 00-1505	EA		72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A).....	848.43	69.38
11 68 13 00-1506	EA		72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B).....	866.99	69.38
11 68 13 00-1507	EA		72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C).....	551.60	69.38
11 68 13 00-1508	EA		72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D).....	579.43	69.38
11 68 13 00-1509	EA		92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E).....	866.99	69.38
11 68 13 00-1510	EA		92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F).....	904.09	69.38
11 68 13 00-1511	EA		92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G).....	579.43	69.38
11 68 13 00-1512	EA		92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H).....	616.53	69.38
11 68 13 00-1513	EA		72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A).....	1,993.04	277.50
11 68 13 00-1514	EA		72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B).....	2,085.80	277.50
11 68 13 00-1515	EA		92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C).....	2,095.08	277.50
11 68 13 00-1516	EA		92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D).....	2,234.22	277.50
11 68 13 00-1517	EA		92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E).....	2,048.70	277.50
11 68 13 00-1518	EA		92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F).....	2,160.01	277.50
11 68 13 00-1519	EA		Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A).....	1,895.54	57.81
11 68 13 00-1520	EA		Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B).....	1,719.30	57.81
11 68 13 00-1521	EA		Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C).....	1,570.88	57.81
11 68 13 00-1522	EA		Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A).....	839.16	69.38
11 68 13 00-1523	EA		Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C).....	718.57	69.38
11 68 13 00-1524	EA		Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D).....	969.02	69.38
<b>11 68 13 00-1525</b>			<b>Playground Equipment (Little Tikes) <small>(11 68 13)</small></b>		
11 68 13 00-1526	EA		Kid Builders Play Structure (Little Tikes 80).....	138,826.42	7,418.77
11 68 13 00-1527	EA		Kid Builders Ship (Little Tikes 81).....	72,278.66	3,854.53
11 68 13 00-1528	EA		Kid Builders Ship (Little Tikes 81, Version 2).....	75,376.72	4,020.58
11 68 13 00-1529	EA		Kid Builders Ship (Little Tikes 82).....	48,794.17	2,603.69
11 68 13 00-1530	EA		Kid Builders Play (Little Tikes 82, Version 2).....	49,539.40	2,642.44
11 68 13 00-1531	EA		Kid Builders Castle (Little Tikes 83).....	24,020.03	1,280.24
11 68 13 00-1532	EA		Kid Builders Castle (Little Tikes 84).....	176,900.76	9,431.39
11 68 13 00-1533	EA		Kid Builders Castle (Little Tikes 85).....	96,576.29	5,154.40
11 68 13 00-1534	EA		Kid Builders Frontier Village (Little Tikes 86, Phase 1).....	47,059.91	2,511.42
11 68 13 00-1535	EA		Kid Builders Frontier Village (Little Tikes 86, Phase 2).....	56,941.91	3,041.34
11 68 13 00-1536	EA		Kid Builders Frontier Village (Little Tikes 87).....	48,897.20	2,607.51
11 68 13 00-1537	EA		Kid Builders Play Structure (Little Tikes 88, Phase 1).....	90,663.27	4,844.49
11 68 13 00-1538	EA		Kid Builders Play Structure (Little Tikes 88, Phase 2).....	39,127.29	2,085.99
11 68 13 00-1539	EA		Kid Builders Play Structure (Little Tikes 89).....	104,174.95	5,558.29
11 68 13 00-1540	EA		Kid Builders Play Structure (Little Tikes 89, Version 2).....	90,131.47	4,805.09
11 68 13 00-1541	EA		Kid Builders Play Structure (Little Tikes 90).....	106,181.12	5,664.88
11 68 13 00-1542	EA		Kid Builders Play Structure (Little Tikes 91, Phase 1).....	52,848.95	2,818.90
11 68 13 00-1543	EA		Kid Builders Play Structure (Little Tikes 91, Phase 2).....	47,248.25	2,522.15
11 68 13 00-1544	EA		Kid Builders Play Structure (Little Tikes 92, Phase 1).....	35,875.92	1,914.84
11 68 13 00-1545	EA		Kid Builders Play Structure (Little Tikes 92, Phase 2).....	46,127.70	2,462.58
11 68 13 00-1546	EA		Kid Builders Play Structure (Little Tikes 93).....	42,339.79	2,261.60
11 68 13 00-1547	EA		Kid Builders Play Structure (Little Tikes 94).....	54,140.61	2,892.48
11 68 13 00-1548	EA		Kid Builders Play Structure (Little Tikes 95).....	47,186.25	2,515.03
11 68 13 00-1549	EA		Kid Builders Play Structure (Little Tikes 96).....	53,384.50	2,850.65
11 68 13 00-1550	EA		Kid Builders Play Structure (Little Tikes 97).....	106,778.55	5,701.30
11 68 13 00-1551	EA		Kid Builders Play Structure (Little Tikes 98).....	118,770.77	6,332.51
11 68 13 00-1552	EA		Kid Builders Play Structure (Little Tikes 99).....	94,386.80	5,037.19
<b>11 68 13 00-1553</b>			<b>Playground Equipment (GameTime) <small>(11 68 13)</small></b>		
<b>11 68 13 00-1554</b>			<b>Playground Equipment (GameTime Models 200 To 8538) <small>(11 68 13 00-1553)</small></b>		



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1555	EA		Four Seat Buck-A-Bout (GameTime 200).....	3,106.54	416.25
11 68 13 00-1556	EA		5 Goose/Brkaway Wh Alum (GameTime 201SS).....	2,691.80	471.75
11 68 13 00-1557	EA		4 Goose/DbI Wh Alum (GameTime 203SS).....	2,435.80	426.65
11 68 13 00-1558	EA		5 Goose/DbI Rim Wh Alum (GameTime 205SS).....	2,486.50	435.91
11 68 13 00-1559	EA		Top (GameTime 211).....	10.82	2.31
11 68 13 00-1560	EA		Clevis (GameTime 213).....	8.91	1.16
11 68 13 00-1561	EA		Two Seat Buck-A-Bout (GameTime 243).....	3,560.80	416.25
11 68 13 00-1562	EA		Hi Sch Goose Goalposts-Wh (GameTime 250SS).....	11,195.57	1,962.15
11 68 13 00-1563	EA		Hi Sch Goose Goalposts-Yw (GameTime 251SS).....	11,195.57	1,962.15
11 68 13 00-1564	EA		Two-Leg Portable Bench, 6' (GameTime 252).....	1,198.89	210.44
11 68 13 00-1565	EA		Two-Leg Portable Bench, 8' (GameTime 253).....	1,406.74	246.28
11 68 13 00-1566	EA		Whirl With Mechanical Brake (GameTime 325).....	3,590.16	416.25
11 68 13 00-1567	EA		Scrambler Whirl With Mechanical Brake (GameTime 895).....	3,131.04	416.25
11 68 13 00-1568	EA		Whirl With Hydraulic Brake (GameTime 919).....	6,285.17	416.25
11 68 13 00-1569	EA		Space Whirl (GameTime 6118).....	7,665.96	416.25
11 68 13 00-1570	EA		Satellite Climber Painted (GameTime P607).....	3,753.81	555.00
11 68 13 00-1571	EA		Space Module (GameTime 618).....	4,193.40	416.25
11 68 13 00-1572	EA		Dome Climber (GameTime 655).....	1,648.34	277.50
11 68 13 00-1573	EA		Eagle's Perch (GameTime 657).....	3,659.10	416.25
11 68 13 00-1574	EA		Deluxe Mountain Climber Painted (GameTime P988).....	3,874.30	416.25
11 68 13 00-1575	EA		Space Loop Climb (GameTime 6415).....	3,629.14	555.00
11 68 13 00-1576	EA		Star Gazer (GameTime 6486).....	3,829.50	555.00
11 68 13 00-1577	EA		Space Arch (GameTime 6510).....	1,437.59	277.50
11 68 13 00-1578	EA		Critter Climber (GameTime 402).....	3,718.19	555.00
11 68 13 00-1579	EA		Bunker Hill 4-Way Climber (GameTime P554).....	3,330.82	555.00
11 68 13 00-1580	EA		Rainbow Climber Painted (GameTime P910).....	1,498.44	277.50
11 68 13 00-1581	EA		Giant Muscle Man Climber Painted (GameTime P954).....	6,234.12	416.25
11 68 13 00-1582	EA		Muscle Man Painted (GameTime P9630).....	4,944.47	1,110.00
11 68 13 00-1583	EA		Wum Climber (GameTime 6484).....	6,033.76	416.25
11 68 13 00-1584	EA		2 Way Coaster Climber (GameTime 6487).....	2,250.63	416.25
11 68 13 00-1585	EA		Li'l Wum Climber (GameTime 6584).....	3,695.00	277.50
11 68 13 00-1586	EA		4 Way Coaster Climber (GameTime 6587).....	3,890.35	555.00
11 68 13 00-1587	EA		Choo-Choo Climber (GameTime 7000).....	6,625.94	416.25
11 68 13 00-1588	EA		Caboose Climber (GameTime 7001).....	6,844.11	416.25
11 68 13 00-1589	EA		Fire Engine Climber (GameTime 7002).....	7,566.89	416.25
11 68 13 00-1590	EA		T-Frame Swing Painted (GameTime P831).....	1,978.57	277.50
11 68 13 00-1591	EA		Super Seat-2 (GameTime 999).....	270.72	69.38
11 68 13 00-1592	EA		Belt Seat (GameTime 1047).....	231.95	69.38
11 68 13 00-1593	EA		Enclosed Tot Seat (GameTime 8520).....	344.75	69.38
11 68 13 00-1594	EA		Adaptive Swing With Rungs, 2-3/8" (GameTime 8530).....	1,066.65	138.75
11 68 13 00-1595	EA		Adaptive Swing With Chain, 2-3/8" (GameTime 8531).....	841.05	138.75
11 68 13 00-1596	EA		Adaptive Swing With Coated Chain, 2-3/8" (GameTime 8532).....	941.51	138.75
11 68 13 00-1597	EA		Adaptive Swing With Rungs, 3-1/2" (GameTime 8536).....	1,066.65	138.75
11 68 13 00-1598	EA		Adaptive Swing With Chain, 3-1/2" (GameTime 8537).....	841.05	138.75
11 68 13 00-1599	EA		Adaptive Swing With Coated Chain, 3-1/2" (GameTime 8538).....	941.51	138.75
<b>11 68 13 00-1600 Playground Equipment (GameTime Models 8659 To 16809) (11 68 13 00-1553)</b>					
11 68 13 00-1601	EA		Side Stepper (GameTime 8683).....	2,029.77	277.50
11 68 13 00-1602	EA		Side Stepper (GameTime 8687).....	2,363.71	277.50
11 68 13 00-1603	EA		Tire Swing (GameTime 10777).....	4,781.96	555.00
11 68 13 00-1604	EA		Tire Swing Add-A-Bay (GameTime 10778).....	3,270.90	277.50
11 68 13 00-1605	EA		Two-Place Swing (GameTime 10847).....	3,808.54	555.00
11 68 13 00-1606	EA		Two-Place Swing Add-A-Bay (GameTime 10848).....	2,365.94	277.50
11 68 13 00-1607	EA		Adaptive Swing Seat (GameTime 10178).....	1,084.27	138.75
11 68 13 00-1608	EA		Single Place HandiSwing (GameTime 10390).....	5,082.50	555.00
11 68 13 00-1609	EA		Single Add-A-Bay HandiSwing (GameTime 10391).....	3,486.29	277.50
11 68 13 00-1610	EA		Single Post Swing (GameTime 10740).....	1,750.66	416.25
11 68 13 00-1611	EA		Single Post Add-A-Bay (GameTime 10741).....	1,203.84	277.50
11 68 13 00-1612	EA		Super Seat-2 With Clevis (GameTime 8690).....	284.82	69.38
11 68 13 00-1613	EA		Belt Seat With Clevis (GameTime 8691).....	233.71	69.38
11 68 13 00-1614	EA		Enclosed Tot Seat With Clevis (GameTime 8693).....	372.95	69.38
11 68 13 00-1615	EA		Enclosed Tot Seat With Clevis, 2-3/8" (GameTime CC8695).....	614.40	69.38
11 68 13 00-1616	EA		Enclosed Tot Seat With Clevis, 2-3/8" (GameTime 8695).....	526.28	69.38
11 68 13 00-1617	EA		Enclosed Tot Seat With Clevis, 3-1/2" (GameTime CC8696).....	626.74	69.38
11 68 13 00-1618	EA		Enclosed Tot Seat With Clevis, 3-1/2" (GameTime 8696).....	538.62	69.38
11 68 13 00-1619	EA		Super Seat-2 With Clevis, 2-3/8" (GameTime 8904).....	466.36	69.38
11 68 13 00-1620	EA		Super Seat-2 With Clevis, 2-3/8" (GameTime 8905).....	476.93	69.38
11 68 13 00-1621	EA		Super Seat-2 With Clevis, 3-1/2" (GameTime 8906).....	478.69	69.38
11 68 13 00-1622	EA		Super Seat-2 With Clevis, 3-1/2" (GameTime 8907).....	489.27	69.38
11 68 13 00-1623	EA		Belt Seat With Clevis, 2-3/8" (GameTime CC8908).....	501.60	69.38
11 68 13 00-1624	EA		Belt Seat With Clevis, 2-3/8" (GameTime 8908).....	413.48	69.38
11 68 13 00-1625	EA		Belt Seat With Clevis, 2-3/8" (GameTime CC8909).....	526.28	69.38
11 68 13 00-1626	EA		Belt Seat With Clevis, 2-3/8" (GameTime 8909).....	424.06	69.38
11 68 13 00-1627	EA		Belt Seat With Clevis, 3-1/2" (GameTime CC8910).....	513.94	69.38
11 68 13 00-1628	EA		Belt Seat With Clevis, 3-1/2" (GameTime 8910).....	536.00	69.38
11 68 13 00-1629	EA		Belt Seat With Clevis, 3-1/2" (GameTime CC8911).....	538.62	69.38
11 68 13 00-1630	EA		Belt Seat With Clevis, 3-1/2" (GameTime 8911).....	436.39	69.38
11 68 13 00-1631	EA		Handi-Swing Seat, 2-3/8" (GameTime 8912).....	1,663.42	208.13
11 68 13 00-1632	EA		Handi-Swing Seat, 3-1/2" (GameTime 8913).....	1,675.76	208.13
11 68 13 00-1633	EA		Enclosed Tot Seat (GameTime CC8914).....	639.07	69.38



**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1634	EA		Enclosed Tot Seat (GameTime 8914) .....	566.81	69.38
11 68 13 00-1635	EA		Super Seat-2 (GameTime 8917).....	506.89	69.38
11 68 13 00-1636	EA		Belt Seat (GameTime CC8918).....	542.14	69.38
11 68 13 00-1637	EA		Belt Seat (GameTime 8918).....	454.02	69.38
11 68 13 00-1638	EA		Super Seat, 2-3/8" (GameTime CC8924) .....	554.48	69.38
11 68 13 00-1639	EA		Super Seat, 2-3/8" (GameTime CC8925) .....	579.15	69.38
11 68 13 00-1640	EA		Super Seat, 3-1/2" (GameTime CC8926) .....	566.81	69.38
11 68 13 00-1641	EA		Super Seat-2, 3-1/2" (GameTime CC8927).....	591.49	69.38
11 68 13 00-1642	EA		Super Seat-2, 2-3/8" (GameTime CC8929).....	595.01	69.38
11 68 13 00-1643	EA		Handi-Swing Seat, 2-3/8" (GameTime 9802).....	1,624.65	208.13
11 68 13 00-1644	EA		Handi-Swing Seat, 3-1/2" (GameTime 9803).....	1,636.99	208.13
<b>11 68 13 00-1645</b>			<b>Playground Equipment (GameTime Models 16811 To 80110) (11 68 13 00-1553)</b>		
11 68 13 00-1646	EA		Adaptive Swing Safety Belt (GameTime 17247).....	211.14	34.68
11 68 13 00-1647	EA		Adapt Swing Seat (GameTime 17255).....	725.43	69.38
11 68 13 00-1648	EA		Adapt Swing Seat (GameTime 17256).....	962.66	138.75
<b>11 68 13 00-1649</b>			<b>Playground Equipment (GameTime Models &gt;81654) (11 68 13 00-1553)</b>		
11 68 13 00-1650	EA		S.S. Spiral Without Arch (GameTime 81729) .....	28,344.46	4,439.99
11 68 13 00-1651	EA		S.S. Spiral With Arch (GameTime 81730) .....	29,003.98	4,439.99
11 68 13 00-1652	EA		Rockslide Without Arch (GameTime 81731).....	9,974.85	832.50
11 68 13 00-1653	EA		Rockslide With Arch (GameTime 81732).....	11,381.28	1,110.00
11 68 13 00-1654	EA		7' Double Wave Zip Slide (GameTime 81744).....	7,908.44	693.75
<b>11 68 13 00-1655</b>			<b>Playground Equipment (GameTime Models) (11 68 13 00-1553)</b>		
11 68 13 00-1656	EA		Hex Topper (GameTime 32009).....	210.51	37.00
11 68 13 00-1657	EA		Crag Climber (GameTime 32010).....	3,477.35	609.34
11 68 13 00-1658	EA		Stego Rail (Compact) (GameTime 32019).....	701.03	122.56
11 68 13 00-1659	EA		Ziggy Rail (Compact) (GameTime 32020) .....	569.96	99.44
11 68 13 00-1660	EA		Hex Pod Step (1') (GameTime 32022).....	1,169.70	204.66
11 68 13 00-1661	EA		Hex Pod Step (2') (GameTime 32023).....	1,274.95	223.15
11 68 13 00-1662	EA		Ergo Climbing Link (GameTime 32026).....	7,024.19	1,230.25
11 68 13 00-1663	EA		Rock Climber (Right Side) (GameTime 32028) .....	5,425.52	950.43
11 68 13 00-1664	EA		Vessel (2-Way) (GameTime 32030) .....	7,343.93	1,286.90
11 68 13 00-1665	EA		Vessel (3-Way) (GameTime 32031) .....	7,016.25	1,229.10
11 68 13 00-1666	EA		Erratic Link With Hex Net (GameTime 32039).....	8,640.73	1,513.53
11 68 13 00-1667	EA		U-Frame With Hex Net (Left Connection) (GameTime 32045) .....	5,667.80	993.21
11 68 13 00-1668	EA		The Hive (1-Way) (GameTime 32049).....	13,389.05	2,346.03
11 68 13 00-1669	EA		Helix Tower With Shad Can2/Cat Slid (GameTime 32057) .....	37,275.68	6,531.65
11 68 13 00-1670	EA		Helix Tower With Shad Can2/Cat Slide (GameTime 32058) .....	41,984.29	7,357.21
11 68 13 00-1671	EA		Helix Tower With Shad Can3/Cat Slide (GameTime 32059) .....	36,936.08	6,472.68
11 68 13 00-1672	EA		Helix Tower With Shad Can And Cat Slide (GameTime 32069).....	41,007.21	7,186.08
11 68 13 00-1673	EA		Trinet (Lg) With Ps Connect And Socket (GameTime 32071) .....	37,291.56	6,533.96
11 68 13 00-1674	EA		Trinet (Small) With Twisted Net (GameTime 32089).....	19,001.27	3,330.00
11 68 13 00-1675	EA		Trinet (Medium) With Twisted Net (GameTime 32090).....	32,764.29	5,740.77
11 68 13 00-1676	EA		Trinet (Large) With Twisted Net (GameTime 32091).....	35,190.46	6,166.28
11 68 13 00-1677	EA		Trinet (Large) With Ps Connection And Twisted Net (GameTime 32092).....	35,400.97	6,203.28
11 68 13 00-1678	EA		Twisted Net (GameTime 32098).....	7,643.78	1,338.93
11 68 13 00-1679	EA		Trinet (Medium) With Twisted Net (GameTime 32099).....	32,982.13	5,778.94
11 68 13 00-1680	EA		Sail Climbing Wall (GameTime 36004).....	2,496.30	437.06
11 68 13 00-1681	EA		Rock Climbing Wall (GameTime 36008).....	4,496.11	787.41
11 68 13 00-1682	EA		Arched Chain Net Link (GameTime 36014).....	2,450.63	428.97
11 68 13 00-1683	EA		Pod Rocker (GameTime 36015) .....	1,735.69	304.10
11 68 13 00-1684	EA		Wide End Balance Beam (GameTime 36018).....	2,655.17	464.81
11 68 13 00-1685	EA		4 Way X-Pod Step (GameTime 36025) .....	2,539.98	445.16
11 68 13 00-1686	EA		Single Link Cross Beam Primetime 36 (GameTime 36031).....	329.67	57.81
11 68 13 00-1687	EA		Bongos (GameTime 36064).....	1,094.25	191.94
11 68 13 00-1688	EA		Nature Bench (GameTime 38043).....	3,261.72	571.19
11 68 13 00-1689	EA		Chrysalis Spinner (GameTime 38045).....	8,617.41	1,510.06
11 68 13 00-1690	EA		Tree Swing (GameTime 38115).....	15,638.84	2,740.31
11 68 13 00-1691	EA		Flower Talk Tube (GameTime 38217).....	1,240.16	217.38
11 68 13 00-1692	EA		Flower With Blue Petals (GameTime 38221).....	1,188.76	208.13
11 68 13 00-1693	EA		Flower With Red Petals (GameTime 38222) .....	1,188.76	208.13
11 68 13 00-1694	EA		Log Balance Beam (GameTime 38230).....	5,339.92	935.41
11 68 13 00-1695	EA		Forked Balance Beam (GameTime 38233).....	7,680.74	1,345.87
11 68 13 00-1696	EA		12" Stepped Platform (GameTime 80729).....	3,012.64	528.41
11 68 13 00-1697	EA		Crawl-Thru Panel (GameTime 80942).....	929.42	163.03
11 68 13 00-1698	EA		Single Thundering (GameTime 81664).....	609.68	106.38
11 68 13 00-1699	EA		Fun Seat (GameTime 81666) .....	557.89	98.28
11 68 13 00-1700	EA		Nature Discovery Table (GameTime 81668) .....	3,058.32	535.34
11 68 13 00-1701	EA		Bongos (GameTime 81699).....	425.48	74.00
11 68 13 00-1702	EA		4' Transfer Platform With Guardrail (GameTime 90033).....	5,564.55	974.72
11 68 13 00-1703	EA		4' Bubble Climber (GameTime 90042).....	949.26	166.50
11 68 13 00-1704	EA		5'-6" Rockscape Climber (GameTime 90094).....	7,314.13	1,281.13
11 68 13 00-1705	EA		3'-6" 1/4" Schooner Climber (GameTime 90105).....	764.58	134.12
11 68 13 00-1706	EA		7'-6" x 8' Schooner Climber (GameTime 90109).....	1,141.90	200.03
11 68 13 00-1707	EA		8' Vertical Wall Climber (GameTime 90139).....	3,969.85	696.07
11 68 13 00-1708	EA		4'-6" 1/2" Corner Vine Climber Reverse (GameTime 90147) .....	3,179.40	557.31



<b>Equipment</b>	<b>11</b>
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>
<b>Play Field Equipment and Structures</b>	<b>11 68</b>

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
11 68 13 00-1709	EA	5/6' Double Vine Climber (GameTime 90151)		7,668.08	1,343.56
11 68 13 00-1710	EA	3/5' Web Tail (GameTime 90160)		2,403.24	420.87
11 68 13 00-1711	EA	Ashiko And Djembe Panel (GameTime 90186)		2,015.70	352.66
11 68 13 00-1712	EA	2-6"/3' Single Curved Zip Slide (GameTime 90193)		2,631.35	461.34
11 68 13 00-1713	EA	4' Upright, Aluminum Assembly (GameTime 90262)		351.50	61.28
11 68 13 00-1714	EA	4' Upright, Galvanized Assembly (GameTime G90262)		335.61	58.97
11 68 13 00-1715	EA	5' Upright, Aluminum Assembly (GameTime 90263)		419.04	74.00
11 68 13 00-1716	EA	5' Upright, Galvanized Assembly (GameTime G90263)		401.15	70.54
11 68 13 00-1717	EA	6' Upright, Aluminum Assembly (GameTime 90264)		486.55	85.56
11 68 13 00-1718	EA	6' Upright, Galvanized Assembly (GameTime G90264)		466.69	82.09
11 68 13 00-1719	EA	7' Upright, Aluminum Assembly (GameTime 90265)		554.07	97.12
11 68 13 00-1720	EA	7' Upright, Galvanized Assembly (GameTime G90265)		532.22	93.66
11 68 13 00-1721	EA	8' Upright, Aluminum Assembly (GameTime 90266)		621.59	108.69
11 68 13 00-1722	EA	8' Upright, Galvanized Assembly (GameTime G90266)		597.76	105.22
11 68 13 00-1723	EA	9' Upright, Aluminum Assembly (GameTime 90267)		689.12	120.25
11 68 13 00-1724	EA	9' Upright, Galvanized Assembly (GameTime G90267)		663.29	116.79
11 68 13 00-1725	EA	10' Upright, Aluminum Assembly (GameTime 90268)		756.94	132.97
11 68 13 00-1726	EA	10' Upright, Galvanized Assembly (GameTime G90268)		728.83	127.18
11 68 13 00-1727	EA	11' Upright, Aluminum Assembly (GameTime 90269)		823.88	144.53
11 68 13 00-1728	EA	11' Upright, Galvanized Assembly (GameTime G90269)		794.37	138.75
11 68 13 00-1729	EA	12' Upright, Aluminum Assembly (GameTime 90270)		891.97	156.10
11 68 13 00-1730	EA	12' Upright, Galvanized Assembly (GameTime G90270)		859.90	150.31
11 68 13 00-1731	EA	13' Upright, Aluminum Assembly (GameTime 90271)		958.92	167.66
11 68 13 00-1732	EA	13' Upright, Galvanized Assembly (GameTime G90271)		925.44	161.88
11 68 13 00-1733	EA	14' Upright, Aluminum Assembly (GameTime 90272)		1,025.84	179.22
11 68 13 00-1734	EA	14' Upright, Galvanized Assembly (GameTime G90272)		990.97	173.43
11 68 13 00-1735	EA	15' Upright, Aluminum, Assembly (GameTime 90273)		1,056.50	185.00
11 68 13 00-1736	EA	15' Upright, Galvanized, Assembly (GameTime G90273)		1,056.50	185.00
11 68 13 00-1737	EA	2' And 2'-6" Clover Leaf Climber (GameTime 90344)		1,574.83	276.34
11 68 13 00-1738	EA	3' And 3'-6" Clover Leaf Climber (GameTime 90345)		2,097.13	367.68
11 68 13 00-1739	EA	4' And 4'-6" Clover Leaf Climber (GameTime 90346)		2,613.48	457.88
11 68 13 00-1740	EA	5' And 5'-6" Clover Leaf Climber (GameTime 90347)		2,845.82	498.35
11 68 13 00-1741	EA	5'-0 F5 Slide With Hood (GameTime 90350)		11,140.82	1,951.75
11 68 13 00-1742	EA	River Rock Climber (GameTime 90369)		2,202.38	386.19
11 68 13 00-1743	EA	4/5' Climbing Pole (GameTime 90371)		581.88	101.75
11 68 13 00-1744	EA	Rockscape Archway With Barrier (GameTime 90387)		1,173.68	205.81
11 68 13 00-1745	EA	3'-0" Overhead Climber Access Ladder (GameTime 90391)		731.04	128.34
11 68 13 00-1746	EA	1'-6" Rung Kick Plate (GameTime 90395)		1,126.01	197.72
11 68 13 00-1747	EA	2' Rung Kick Plate (GameTime 90396)		1,129.98	197.72
11 68 13 00-1748	EA	Decorative Panel With Gizmo, Above Deck (GameTime 90430)		1,106.16	194.25
11 68 13 00-1749	EA	Decorative Panel With Gizmo, Below Deck (GameTime 90431)		1,253.12	219.68
11 68 13 00-1750	EA	Decorative Panel Molded S Whl, Below Deck (GameTime 90432)		1,894.56	331.84
11 68 13 00-1751	EA	Decorative Panel Thunderring, Below Deck (GameTime 90433)		1,956.13	342.25
11 68 13 00-1752	EA	2'-6"/3' Single Wave Zip Slide (GameTime 90503)		2,464.53	431.28
11 68 13 00-1753	EA	5' Single Zip Slide (GameTime 90505)		3,574.65	626.69
11 68 13 00-1754	EA	6' Single Wave Zip Slide (GameTime 90506)		3,959.61	693.75
11 68 13 00-1755	EA	5' Double Zip Slide, Std Dk (GameTime 90509)		4,756.13	833.66
11 68 13 00-1756	EA	8' Standard Zip Slide (GameTime 90512)		5,393.75	944.65
11 68 13 00-1757	EA	2'-6" Rung Kick (GameTime 90533)		1,398.05	245.13
11 68 13 00-1758	EA	3' Rung Kick Plate (GameTime 90534)		1,443.76	253.22
11 68 13 00-1759	EA	Swerve Slide (GameTime 90578)		3,080.16	539.97
11 68 13 00-1760	EA	Double Swerve Slide (GameTime 90579)		4,647.04	814.00
11 68 13 00-1761	EA	Wide Deck Climber Archway (Guardrail) (GameTime 90580)		1,094.25	191.94
11 68 13 00-1762	EA	Ridge Climber (Single) (GameTime 90592)		1,356.38	238.19
11 68 13 00-1763	EA	Playworx Connector Deck (GameTime 90599)		1,578.81	276.34
11 68 13 00-1764	EA	Fun-L Up And Across (GameTime 90616)		5,334.18	934.25
11 68 13 00-1765	EA	Playworx Swerve Slide (Without Hood) (GameTime 90617)		2,124.93	372.31
11 68 13 00-1766	EA	Step Up Platform (GameTime 90618)		6,781.91	1,188.62
11 68 13 00-1767	EA	Ergo Climber (4'-0" And 4'-6") (GameTime 90619)		1,678.10	293.69
11 68 13 00-1768	EA	Ergo Climber (5'-0" And 5'-6") (GameTime 90620)		1,916.41	335.31
11 68 13 00-1769	EA	Ergo Climber (6'-0") (GameTime 90621)		2,105.07	368.84
11 68 13 00-1770	EA	Bubble Panel, Above Deck (GameTime 90631)		1,791.29	313.35
11 68 13 00-1771	EA	Stego Climber (8'-0") (GameTime 90636)		1,584.77	277.50
11 68 13 00-1772	EA	Net Tunnel (GameTime 90644)		53,284.16	9,336.71
11 68 13 00-1773	EA	3'-6"/4'-0" Zip Swerve Slide Right (GameTime 90654)		2,974.91	521.47
11 68 13 00-1774	EA	Spiral Step Climber (3'-0" And 3'-6") (GameTime 90667)		1,636.38	286.75
11 68 13 00-1775	EA	Spiral Step Climber (5'-0" And 5'-6") (GameTime 90669)		2,400.97	420.87
11 68 13 00-1776	EA	Straight Section Wilderslide Ii (GameTime 90703)		800.32	139.91
11 68 13 00-1777	EA	Support Wilderslide Ii (GameTime 90709)		341.57	60.13
11 68 13 00-1778	EA	Frog Slide Puzzle-Gadget Panel Above Deck (GameTime 90713)		3,775.24	661.37
11 68 13 00-1779	EA	Single Sun Blossom (GameTime 90738)		4,480.24	785.10
11 68 13 00-1780	EA	Butterfly Climber (GameTime 90750)		8,017.15	1,404.84
11 68 13 00-1781	EA	Long Exit ( Use On 7' And 8' Slides) (GameTime 90762)		1,503.34	263.63
11 68 13 00-1782	EA	Kidnetix Twirl (GameTime 90777)		10,276.82	1,800.28
11 68 13 00-1783	EA	Over N Under (GameTime 90779)		9,377.50	1,643.03
11 68 13 00-1784	EA	5' ADA Hex Deck With Shadow Play Flower (GameTime 90820)		19,652.65	3,443.31
11 68 13 00-1785	EA	Double Twin Spiral (GameTime 90843)		14,701.75	2,576.13
11 68 13 00-1786	EA	Archway (3D) (GameTime 91004)		1,382.20	241.66
11 68 13 00-1787	EA	Climber Offset Archway (3D) (GameTime 91006)		1,269.00	222.00
11 68 13 00-1788	EA	Archway With Socket (3D) (GameTime 91010)		1,511.29	264.79
11 68 13 00-1789	EA	Arch Bridge (3D) 2 Deck Span (GameTime 91018)		12,131.96	2,126.34

**11 Equipment****11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

11 68 13 00-1790	EA	Shadow Tree 3D Tri 0'-6" - 7'-0" (GameTime 91026).....	9,937.53	1,741.31
11 68 13 00-1791	EA	3'-0" Transfer Platform (3D) (GameTime 91031).....	6,045.13	1,059.12
11 68 13 00-1792	EA	5'-0" Transfer Platform (3D) (GameTime 91033).....	10,515.43	1,843.06
11 68 13 00-1793	EA	1'-0" Transfer System (3D) (GameTime 91034).....	3,435.64	602.41
11 68 13 00-1794	EA	2'-0" Transfer System (3D) (GameTime 91035).....	4,611.30	808.22
11 68 13 00-1795	EA	2'-0" Transfer System (3D) (GameTime 91035).....	4,611.30	808.22
11 68 13 00-1796	EA	2'-6" Transfer System (3D) (GameTime 91036).....	6,968.59	1,221.00
11 68 13 00-1797	EA	3'-0" Transfer System (3D) (GameTime 91037).....	7,393.57	1,295.00
11 68 13 00-1798	EA	4'-0" Transfer System (3D) (GameTime 91038).....	9,012.10	1,579.43
11 68 13 00-1799	EA	Shadow Tree 3D Tri 7'-6" - 8'-0" (GameTime 91051).....	10,150.02	1,778.31
11 68 13 00-1800	EA	6'-0" Hillside Dueling Wave Zip Slide (GameTime 91077).....	8,687.66	1,522.78
11 68 13 00-1801	EA	Enclosure With Thunderring (3D) Above Deck (GameTime 91088).....	2,426.79	425.50
11 68 13 00-1802	EA	Coral Climber (3D) 5'-0" (GameTime 91107).....	2,549.91	446.31
11 68 13 00-1803	EA	90 Degree Play Port Bridge (GameTime 91120).....	11,498.46	2,015.34
11 68 13 00-1804	EA	90 Degree Play Port Bridge (GameTime 91120).....	11,498.46	2,015.34
11 68 13 00-1805	EA	Funnel Crows Nest Telescope Bar (GameTime 91136).....	4,402.78	771.22
11 68 13 00-1806	EA	Entryway - 3D (GameTime 91137).....	1,523.20	267.09
11 68 13 00-1807	EA	Entryway - Barrier (GameTime 91139).....	1,129.98	197.72
11 68 13 00-1808	EA	Entryway - Guardrail (GameTime 91146).....	818.19	143.37
11 68 13 00-1809	EA	Entryway - Timbers (GameTime 91150).....	1,539.09	269.40
11 68 13 00-1810	EA	Climber Entryway - Timbers (GameTime 91151).....	1,358.37	238.19
11 68 13 00-1811	EA	Archway - Timbers (GameTime 91154).....	1,417.94	248.59
11 68 13 00-1812	EA	Archway With Socket - Timbers (GameTime 91157).....	1,551.01	271.71
11 68 13 00-1813	EA	Climber Offset Archway - Timbers (GameTime 91163).....	1,312.70	230.09
11 68 13 00-1814	EA	4' Plank Climber - Timbers (GameTime 91181).....	1,203.47	210.44
11 68 13 00-1815	EA	8' Plank Climber - Timbers (GameTime 91185).....	2,027.63	354.97
11 68 13 00-1816	EA	2' Transfer System - Timbers (GameTime 91201).....	5,169.34	905.34
11 68 13 00-1817	EA	Mini Arch Bridge - Timbers (GameTime 91207).....	6,124.56	1,073.00
11 68 13 00-1818	EA	Climber Entryway - Guardrail (GameTime 91208).....	853.95	149.16
11 68 13 00-1819	EA	Climber Entryway - Barrier (GameTime 91209).....	1,050.55	183.84
11 68 13 00-1820	EA	Climber Entryway - 3D (GameTime 91210).....	1,433.83	250.91
11 68 13 00-1821	EA	Gable Roof - Timbers (GameTime 91212).....	6,493.95	1,137.74
11 68 13 00-1822	EA	72" Slant Hex Roof Extension - Timbers (GameTime 91218).....	4,744.72	130.65
11 68 13 00-1823	EA	Slant Hex Roof - Timbers (GameTime 91219).....	12,362.34	2,165.65
11 68 13 00-1824	EA	5'-0" - 5'-6" Lily Pad Spiral Climber (GameTime 91251).....	2,432.75	426.65
11 68 13 00-1825	EA	Three Stump Climber (GameTime 91284).....	9,289.07	1,628.00
11 68 13 00-1826	EA	Notched Log Climber (GameTime 91285).....	10,366.80	1,816.46
11 68 13 00-1827	EA	4' 3D Transfer For GFRC (GameTime 91305).....	6,070.95	1,063.75
11 68 13 00-1828	EA	3' Timbers Transfer For GFRC (GameTime 91307).....	4,841.67	848.68
11 68 13 00-1829	EA	Shadow Play Tree Single 0'-6" - 7'-0" (GameTime 91310).....	3,836.80	671.78
11 68 13 00-1830	EA	Shadow Play Tree Tri 0'-6" - 7'-0" (GameTime 91311).....	11,492.50	2,014.18
11 68 13 00-1831	EA	Shadow Play Tree Quad 0'-6" - 7'-0" (GameTime 91312).....	15,319.36	2,684.81
11 68 13 00-1832	EA	Shadow Play Tree Pentagon 0'-6" - 7'-0" (GameTime 91313).....	19,136.30	3,353.13
11 68 13 00-1833	EA	Shadow Play Tree Hex 0'-6" - 7'-0" (GameTime 91314).....	22,973.09	4,026.06
11 68 13 00-1834	EA	Shadow Play Tree Single 7'-6" And 8'-0" (GameTime 91315).....	3,902.33	683.34
11 68 13 00-1835	EA	Shadow Play Tree Tri 7'-6" And 8'-0" (GameTime 91316).....	11,685.13	2,047.72
11 68 13 00-1836	EA	Shadow Play Tree Quad 7'-6" And 8'-0" (GameTime 91317).....	15,577.53	2,729.91
11 68 13 00-1837	EA	Shadow Play Tree Pentagon 7'-6" And 8'-0" (GameTime 91318).....	19,456.04	3,409.78
11 68 13 00-1838	EA	Shadow Play Tree Hex 7'-6" And 8'-0" (GameTime 91319).....	23,358.36	4,093.12
11 68 13 00-1839	EA	Stump Platform (GameTime 91320).....	9,762.77	1,711.25
11 68 13 00-1840	EA	Erratic Climber With Hex Net 4'-5' (GameTime 91324).....	3,183.42	557.31
11 68 13 00-1841	EA	Erratic Climber With Hex Net 7'-8' (GameTime 91326).....	4,376.95	766.59
11 68 13 00-1842	EA	Big Stump Climber (GameTime 91327).....	26,468.31	4,637.71
11 68 13 00-1843	EA	Timbers Enclosure With Thunderring (Above) (GameTime 91340).....	2,333.45	409.32
11 68 13 00-1844	EA	Aerosol Paint 4.5 Oz. (GameTime 139361).....	33.76	5.78
11 68 13 00-1845	EA	Pin-In Tool Kit(Torx Bit) (GameTime 158279).....	144.97	25.43
11 68 13 00-1846	EA	2-5 Age Appropriate Sticker (GameTime 168284).....	6.62	1.16
11 68 13 00-1847	EA	5-12 Age Appropriate Sticker (GameTime 168285).....	7.84	1.16
11 68 13 00-1848	EA	2/5-5/12 Age Appropriate (GameTime 169163).....	7.84	1.16
11 68 13 00-1849	EA	ASTM Warning Label (GameTime 169164).....	6.17	1.16
11 68 13 00-1850	EA	Owner's Kit (GameTime 178749).....	135.87	24.29
11 68 13 00-1851	EA	Hybrid Tool Kit Pt (GameTime 200830).....	158.87	27.75
11 68 13 00-1852	EA	Tool Kit (Torx Bit) (GameTime 205282).....	118.89	20.82
11 68 13 00-1853	EA	Hybrid Tool Kit Ps 2012 (GameTime 205283).....	158.87	27.75
11 68 13 00-1854	EA	3-1/2"Aluminum Pipe With 7' Cap (GameTime 1R27FU).....	454.78	79.78
11 68 13 00-1855	EA	Flower With Yellow Petals Label (GameTime 38220L).....	1,164.27	203.50
11 68 13 00-1856	EA	5" Aluminum Pipe With 6' Aluminum Cap (GameTime DH1305).....	530.24	92.50
11 68 13 00-1857	EA	3-1/2" Antiwrap Enclosed Tot-Stainless (GameTime SS5017).....	1,363.66	239.34
11 68 13 00-1858	EA	3-1/2" Antiwrap Belt Seat-Stainless (GameTime SS5020).....	1,264.80	222.00

**11 68 23 Exterior Court Athletic Equipment (11 68)****11 68 23 13 Exterior Basketball Equipment (11 68 23)****11 68 23 13-0001 Basketball Components (11 68 23 13)**

See CSI section 32 31 13 13-0001 for auguring holes and concrete.

11 68 23 13-0002	EA	Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120).....	36.61	10.62
11 68 23 13-0003	EA	Chain Basketball Net (Porter Athletic 00161-000).....	63.72	10.62
11 68 23 13-0004	EA	Heavy-Duty Goal Ring (Porter Athletic 00235-000).....	146.04	53.09
11 68 23 13-0005	EA	Goal Ring For Steel Net (Porter Athletic 00251-H00).....	261.56	23.89



<b>Equipment</b>	<b>11</b>	
<b>Entertainment and Recreation Equipment</b>	<b>11 60</b>	↑
<b>Play Field Equipment and Structures</b>	<b>11 68</b>	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
11 68 23 13-0006	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000) .....	1,497.68	45.12
11 68 23 13-0007	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300) .....	1,922.59	45.12
11 68 23 13-0008	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300) .....	982.49	39.82
11 68 23 13-0009	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000) .....	1,074.17	39.82
Note: Includes perimeter and target markings. Excludes pole and goal.				
<b>11 68 23 13-0010</b>		<b>Basketball Systems</b> <small>(11 68 23 13)</small>		
See CSI section 32 31 13 13-0001 for auguring holes and concrete.				
11 68 23 13-0011	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616) .....	2,376.75	242.31
11 68 23 13-0012	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230) .....	4,317.88	266.54
For Fan Shaped Fiberglass Backboard, Deduct			-133.00	
For 42" x 72" Perforated Steel Backboard, Add			350.00	
11 68 23 13-0013	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230) .....	2,749.50	242.31
For Fan Shaped Fiberglass Backboard, Deduct			-133.00	
For 42" x 72" Perforated Steel Backboard, Add			350.00	
11 68 23 13-0014	EA	5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230) .....	4,317.88	266.54
For Fan Shaped Fiberglass Backboard, Deduct			-133.00	
For 42" x 72" Perforated Steel Backboard, Add			350.00	
11 68 23 13-0015	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582) .....	7,783.11	391.97
For Fan Shaped Fiberglass Backboard, Deduct			-498.00	
For 42" x 72" Perforated Steel Backboard, Add			700.00	
<b>11 68 23 33</b>		<b>Tennis Equipment</b> <small>(11 68 23)</small>		
<b>11 68 23 33-0001</b>		<b>Tennis Court Net Posts</b> <small>(11 68 23 33)</small>		
11 68 23 33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder .....	1,269.89	180.53
11 68 23 33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder .....	1,586.27	180.53
11 68 23 33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder .....	1,639.00	180.53
11 68 23 33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder .....	1,730.18	180.53
11 68 23 33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder .....	2,054.85	180.53
11 68 23 33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts .....	315.21	
11 68 23 33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts .....	354.63	
<b>11 68 23 33-0009</b>		<b>Tennis Court Nets</b> <small>(11 68 23 33)</small>		
11 68 23 33-0010	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net .....	667.04	178.41
11 68 23 33-0011	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net .....	729.96	178.41
11 68 23 33-0012	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net .....	1,562.25	274.51
11 68 23 33-0013	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap .....	87.20	
<b>11 68 33</b>		<b>Athletic Field Equipment</b> <small>(11 68)</small>		
<b>11 68 33 13</b>		<b>Football Field Equipment</b> <small>(11 68 33)</small>		
<b>11 68 33 13-0001</b>		<b>Football Goal Posts</b> <small>(11 68 33 13)</small>		
Note: Includes augering for post(s), set in concrete and backfill.				
11 68 33 13-0002	PR	Double Steel Football Goal Posts, "H Shape" .....	6,080.58	477.78
11 68 33 13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights .....	8,398.08	622.53
11 68 33 13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights .....	10,026.90	747.03
<b>11 68 33 23</b>		<b>Soccer and Field Hockey Equipment</b> <small>(11 68 33)</small>		
<b>11 68 33 23-0001</b>		<b>Soccer Goal Posts</b> <small>(11 68 33 23)</small>		
Note: Includes augering for post(s), set in concrete and backfill.				
11 68 33 23-0002	PR	Regulation Soccer Goal Posts .....	5,172.39	318.59
11 68 33 23-0003	PR	Combination Football/Soccer Goal Post .....	6,227.38	477.78
<b>11 68 33 33</b>		<b>Baseball Field Equipment</b> <small>(11 68 33)</small>		
<b>11 68 33 33-0001</b>		<b>Bases</b> <small>(11 68 33 33)</small>		
11 68 33 33-0002	SET	Bases For Baseball Or Softball .....	613.27	
<b>11 80</b>		<b>Facility Maintenance and Operation Equipment</b> <small>(11)</small>		
<b>11 81</b>		<b>Maintenance Equipment</b> <small>(11 80)</small>		
<b>11 81 29</b>		<b>Facility Fall Protection</b> <small>(11 81)</small>		

11	<b>11 Equipment</b>
	<b>11 80 Facility Maintenance and Operation Equipment</b>
	<b>11 81 Maintenance Equipment</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

11 81 29 00-0001	<b>Safety And Tie-Back Anchors</b> <small>(11 81 29)</small> Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation. See CSI section 01 22 20 00-0001 for engineering testing and inspection.		
11 81 29 00-0002	<b>Roof Mounted, Safety And Tie-Back Anchors</b> <small>(11 81 29 00-0001)</small> Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0003	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	805.94	89.24
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates. <i>For Stainless Steel Pad Eye, Add</i> 40.00 <i>For Foam Insulation Filled HSS Tube, Add</i> 10.00		
11 81 29 00-0004	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	689.56	89.24
	Note: Includes drilling in concrete and adhesive anchor systems. <i>For Stainless Steel Pad Eye, Add</i> 40.00 <i>For Foam Insulation Filled HSS Tube, Add</i> 10.00		
11 81 29 00-0005	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	535.63	99.81
	<i>For Stainless Steel Pad Eye, Add</i> 40.00 <i>For Foam Insulation Filled HSS Tube, Add</i> 10.00		
11 81 29 00-0006	<b>Wall Mounted, Safety And Tie-Back Anchor</b> <small>(11 81 29 00-0001)</small> Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.		
11 81 29 00-0007	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	568.23	89.24
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates. <i>For Stainless Steel Pad Eye, Add</i> 40.00		
11 81 29 00-0008	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	511.59	89.24
	Note: Includes drilling in concrete and adhesive anchor systems. <i>For Stainless Steel Pad Eye, Add</i> 40.00		
11 81 29 00-0009	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	473.41	99.81
	<i>For Stainless Steel Pad Eye, Add</i> 40.00		
11 81 29 00-0010	<b>Safety And Tie-Back Anchor Accessories</b> <small>(11 81 29 00-0001)</small>		
11 81 29 00-0011	EA Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor).....	452.54	
	Note: One cut sheet required per order.		
11 81 29 00-0012	<b>Ladder Safety And Fall Protection</b> <small>(11 81 29)</small>		
11 81 29 00-0013	EA Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280).....	317.53	22.01
11 81 29 00-0014	EA Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024).....	47.56	3.20
11 81 29 00-0015	EA Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030).....	59.44	8.01
11 81 29 00-0016	EA Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040).....	79.26	5.33
11 81 29 00-0017	EA Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050).....	99.07	6.67
11 81 29 00-0018	EA Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400).....	65.17	5.00
11 81 29 00-0019	EA Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054).....	599.80	13.34
11 81 29 00-0020	EA Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090).....	147.41	13.21
11 81 29 00-0021	<b>Fall-Arrest Systems</b> <small>(11 81 29)</small>		
11 81 29 00-0022	<b>Horizontal</b> <small>(11 81 29 00-0021)</small>		
11 81 29 00-0023	LF Trolley Rail Fall Arrest System.....	732.73	47.88
	Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.		
11 81 29 00-0024	<b>Anchor Points</b> <small>(11 81 29 00-0021)</small>		
11 81 29 00-0025	EA Roof Anchor, 16" x 16" Base With 12" High Post.....	662.29	
	Note: Guardian CD-12 series		
11 81 29 00-0026	EA Roof Anchor, 12" x 12" Base With 18" High Post.....	775.04	
	Note: Guardian CD-18 series		
11 81 29 00-0027	EA Bolt On Roof Anchor.....	295.64	
	Note: Guardian CD-1-B series		
11 81 29 00-0028	EA Fall Arrest Anchor Attachment To 2" x 8" Stud.....	141.85	
	Note: Super Anchor ARS 2x8		
11 81 29 00-0029	EA Fall Arrest Anchor Attachment To 2" x 12" Stud.....	164.91	
	Note: Super Anchor ARS 2x12		

**11 82 Facility Solid Waste Handling Equipment** (11 80)

**11 82 26 Facility Waste Compactors** (11 82)

**11 82 26 00-0001 Waste Compactors** (11 82 26)





<b>Equipment</b>	<b>11</b>	11
Facility Maintenance and Operation Equipment	11 80	
Facility Solid Waste Handling Equipment	11 82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>11 82 26 00-0002</b> <b>110 Volt Compactors</b> <small>(11 82 26 00-0001)</small>		
11 82 26 00-0003    EA    Waste Compactor, 110 Volt At 75 Lb./Hour.....	26,215.05	572.11
11 82 26 00-0004    EA    Waste Compactor, 110 Volt At 250 Lb./Hour.....	32,648.25	1,373.05
<b>11 82 26 00-0005</b> <b>230 Volt Compactors</b> <small>(11 82 26 00-0001)</small>		
11 82 26 00-0006    EA    Waste Compactor, 230 Volt At 600 Lb./Hour Hand Fed.....	32,319.67	1,830.75
11 82 26 00-0007    EA    Waste Compactor, 230 Volt At 600 Lb./Hour Chute Fed.....	36,244.78	2,402.85
<b>11 82 26 00-0008</b> <b>Heavy-Duty Industrial Compactor</b> <small>(11 82 26)</small>		
11 82 26 00-0009    EA    30CY Self Contained Horizontal Compactor.....	57,732.79	

**END OF SECTION 11**



11	<b>11</b>	<b>Equipment</b>
	11 80	Facility Maintenance and Operation Equipment
	11 82	Facility Solid Waste Handling Equipment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 12 Furnishings

### 12 01 Operation and Maintenance of Furnishings <sup>(12)</sup>

#### 12 01 60 Operation and Maintenance of Multiple Seating <sup>(12 01)</sup>

<b>12 01 60 00-0001 Repair Fixed Auditorium Seating <sup>(12 01 60)</sup></b>		
12 01 60 00-0002	EA Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part.....	200.59
12 01 60 00-0003	EA Removal And Replacement Of Auditorium Seat Armrest Part.....	92.83
12 01 60 00-0004	EA Removal And Replacement Of End Armrest Part.....	129.92
12 01 60 00-0005	EA Removal And Replacement Of Auditorium Seat Kick Plate Part.....	150.62
12 01 60 00-0006	EA Removal And Replacement Of Auditorium Seat Long Back Part.....	243.98
12 01 60 00-0007	EA Removal And Replacement Of Auditorium Seat Center Standard Part.....	197.04
12 01 60 00-0008	EA Removal And Replacement Of Auditorium Seat Back Bracket Part.....	72.64
12 01 60 00-0009	EA Removal And Replacement Of Auditorium Seat Bracket Part.....	77.26
12 01 60 00-0010	EA Secure Seat To Floor.....	73.64
12 01 60 00-0011	EA Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor.....	79.43
<i>Note: Includes drilling and fasteners.</i>		
<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>		27.68
<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>		33.87

### 12 20 Window Treatments <sup>(12)</sup>

#### 12 21 Window Blinds <sup>(12 20)</sup>

##### 12 21 13 Horizontal Louver Blinds <sup>(12 21)</sup>

*Note: Includes head rail, brackets, cords and all hardware.*

##### 12 21 13 13 Metal Horizontal Louver Blinds <sup>(12 21 13)</sup>

<b>12 21 13 13-0001 Aluminum Horizontal Louver Blinds <sup>(12 21 13 13)</sup></b>		
12 21 13 13-0002	SF 1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	12.39
12 21 13 13-0003	SF 1" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	10.17
12 21 13 13-0004	SF 1" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	11.02
12 21 13 13-0005	SF 2" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	12.73

##### 12 21 13 33 Plastic Horizontal Louver Blinds <sup>(12 21 13)</sup>

<b>12 21 13 33-0001 Vinyl Horizontal Louver Blinds <sup>(12 21 13 33)</sup></b>		
12 21 13 33-0002	SF 1" Slats, Vinyl Horizontal Louver Blinds.....	10.51
12 21 13 33-0003	SF 2" Slats, Vinyl Horizontal Louver Blinds.....	12.13

##### 12 21 16 Vertical Louver Blinds <sup>(12 21)</sup>

*Note: Includes head rail, brackets, cords and all hardware.*

##### 12 21 16 13 Metal Vertical Louver Blinds <sup>(12 21 16)</sup>

<b>12 21 16 13-0001 Aluminum Vertical Louver Blinds <sup>(12 21 16 13)</sup></b>		
12 21 16 13-0002	SF 3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds.....	14.57

##### 12 21 16 33 Plastic Vertical Louver Blinds <sup>(12 21 16)</sup>

<b>12 21 16 33-0001 Vinyl Vertical Louver Blinds <sup>(12 21 16 33)</sup></b>		
12 21 16 33-0002	SF 2" Slats, Vinyl Vertical Louver Blinds.....	9.53
12 21 16 33-0003	SF 3-1/2" Slats, Vinyl Vertical Louver Blinds.....	13.20

### 12 22 Curtains and Drapes <sup>(12 20)</sup>

#### 12 22 13 Draperies <sup>(12 22)</sup>

##### 12 22 13 00-0001 Lined Draperies <sup>(12 22 13)</sup>

*Note: Width dimensions are the panel width at top excluding returns and overlaps.*

<b>12 22 13 00-0002 Up To 48" Wide Lined Draperies <sup>(12 22 13 00-0001)</sup></b>		
12 22 13 00-0003	EA Up To 39" Long, Up To 48" Wide Lined Draperies.....	454.08
12 22 13 00-0004	EA >39" To 63" Long, Up To 48" Wide Lined Draperies.....	473.15
12 22 13 00-0005	EA >63" To 72" Long, Up To 48" Wide Lined Draperies.....	504.15
12 22 13 00-0006	EA >72" To 81" Long, Up To 48" Wide Lined Draperies.....	516.07
12 22 13 00-0007	EA >81" To 90" Long, Up To 48" Wide Lined Draperies.....	544.68
12 22 13 00-0008	EA >90" To 99" Long, Up To 48" Wide Lined Draperies.....	582.82
12 22 13 00-0009	EA >99" To 108" Long, Up To 48" Wide Lined Draperies.....	606.66
12 22 13 00-0010	EA >108" To 120" Long, Up To 48" Wide Lined Draperies.....	640.03
12 22 13 00-0011	EA >120" To 130" Long, Up To 48" Wide Lined Draperies.....	692.48



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

12 22 13 00-0012	>48" To 72" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0013	EA Up To 39" Long, >48" To 72" Wide Lined Draperies.....	660.28	20.23
12 22 13 00-0014	EA >39" To 63" Long, >48" To 72" Wide Lined Draperies.....	703.19	20.23
12 22 13 00-0015	EA >63" To 72" Long, >48" To 72" Wide Lined Draperies.....	736.56	20.23
12 22 13 00-0016	EA >72" To 81" Long, >48" To 72" Wide Lined Draperies.....	765.17	20.23
12 22 13 00-0017	EA >81" To 90" Long, >48" To 72" Wide Lined Draperies.....	831.92	20.23
12 22 13 00-0018	EA >90" To 99" Long, >48" To 72" Wide Lined Draperies.....	865.30	20.23
12 22 13 00-0019	EA >99" To 108" Long, >48" To 72" Wide Lined Draperies.....	893.91	20.23
12 22 13 00-0020	EA >108" To 120" Long, >48" To 72" Wide Lined Draperies.....	955.89	20.23
12 22 13 00-0021	EA >120" To 130" Long, >48" To 72" Wide Lined Draperies.....	1,022.64	20.23
12 22 13 00-0022	>72" To 96" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0023	EA Up To 39" Long, >72" To 96" Wide Lined Draperies.....	876.01	25.58
12 22 13 00-0024	EA >39" To 63" Long, >72" To 96" Wide Lined Draperies.....	937.99	25.58
12 22 13 00-0025	EA >63" To 72" Long, >72" To 96" Wide Lined Draperies.....	966.60	25.58
12 22 13 00-0026	EA >72" To 81" Long, >72" To 96" Wide Lined Draperies.....	1,033.35	25.58
12 22 13 00-0027	EA >81" To 90" Long, >72" To 96" Wide Lined Draperies.....	1,095.33	25.58
12 22 13 00-0028	EA >90" To 99" Long, >72" To 96" Wide Lined Draperies.....	1,157.31	25.58
12 22 13 00-0029	EA >99" To 108" Long, >72" To 96" Wide Lined Draperies.....	1,190.69	25.58
12 22 13 00-0030	EA >108" To 120" Long, >72" To 96" Wide Lined Draperies.....	1,257.44	25.58
12 22 13 00-0031	EA >120" To 130" Long, >72" To 96" Wide Lined Draperies.....	1,348.03	25.58
12 22 13 00-0032	>96" To 120" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0033	EA Up To 39" Long, >96" To 120" Wide Lined Draperies.....	1,106.04	30.93
12 22 13 00-0034	EA >39" To 63" Long, >96" To 120" Wide Lined Draperies.....	1,168.02	30.93
12 22 13 00-0035	EA >63" To 72" Long, >96" To 120" Wide Lined Draperies.....	1,201.40	30.93
12 22 13 00-0036	EA >72" To 81" Long, >96" To 120" Wide Lined Draperies.....	1,296.76	30.93
12 22 13 00-0037	EA >81" To 90" Long, >96" To 120" Wide Lined Draperies.....	1,358.74	30.93
12 22 13 00-0038	EA >90" To 99" Long, >96" To 120" Wide Lined Draperies.....	1,425.49	30.93
12 22 13 00-0039	EA >99" To 108" Long, >96" To 120" Wide Lined Draperies.....	1,497.12	30.93
12 22 13 00-0040	EA >108" To 120" Long, >96" To 120" Wide Lined Draperies.....	1,587.60	30.93
12 22 13 00-0041	EA >120" To 130" Long, >96" To 120" Wide Lined Draperies.....	1,635.28	30.93
12 22 13 00-0042	>120" To 144" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0043	EA Up To 39" Long, >120" To 144" Wide Lined Draperies.....	1,307.47	36.28
12 22 13 00-0044	EA >39" To 63" Long, >120" To 144" Wide Lined Draperies.....	1,398.06	36.28
12 22 13 00-0045	EA >63" To 72" Long, >120" To 144" Wide Lined Draperies.....	1,431.43	36.28
12 22 13 00-0046	EA >72" To 81" Long, >120" To 144" Wide Lined Draperies.....	1,526.79	36.28
12 22 13 00-0047	EA >81" To 90" Long, >120" To 144" Wide Lined Draperies.....	1,622.15	36.28
12 22 13 00-0048	EA >90" To 99" Long, >120" To 144" Wide Lined Draperies.....	1,717.51	36.28
12 22 13 00-0049	EA >99" To 108" Long, >120" To 144" Wide Lined Draperies.....	1,812.86	36.28
12 22 13 00-0050	EA >108" To 120" Long, >120" To 144" Wide Lined Draperies.....	1,908.22	36.28
12 22 13 00-0051	EA >120" To 130" Long, >120" To 144" Wide Lined Draperies.....	2,027.42	36.28
12 22 13 00-0052	>144" To 168" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0053	EA Up To 39" Long, >144" To 168" Wide Lined Draperies.....	1,537.50	41.64
12 22 13 00-0054	EA >39" To 63" Long, >144" To 168" Wide Lined Draperies.....	1,632.86	41.64
12 22 13 00-0055	EA >63" To 72" Long, >144" To 168" Wide Lined Draperies.....	1,704.38	41.64
12 22 13 00-0056	EA >72" To 81" Long, >144" To 168" Wide Lined Draperies.....	1,799.73	41.64
12 22 13 00-0057	EA >81" To 90" Long, >144" To 168" Wide Lined Draperies.....	1,895.10	41.64
12 22 13 00-0058	EA >90" To 99" Long, >144" To 168" Wide Lined Draperies.....	2,014.29	41.64
12 22 13 00-0059	EA >99" To 108" Long, >144" To 168" Wide Lined Draperies.....	2,109.65	41.64
12 22 13 00-0060	EA >108" To 120" Long, >144" To 168" Wide Lined Draperies.....	2,205.01	41.64
12 22 13 00-0061	EA >120" To 130" Long, >144" To 168" Wide Lined Draperies.....	2,371.88	41.64
12 22 13 00-0062	>168" To 192" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0063	EA Up To 39" Long, >168" To 192" Wide Lined Draperies.....	1,738.92	46.99
12 22 13 00-0064	EA >39" To 63" Long, >168" To 192" Wide Lined Draperies.....	1,858.12	46.99
12 22 13 00-0065	EA >63" To 72" Long, >168" To 192" Wide Lined Draperies.....	1,929.63	46.99
12 22 13 00-0066	EA >72" To 81" Long, >168" To 192" Wide Lined Draperies.....	2,048.83	46.99
12 22 13 00-0067	EA >81" To 90" Long, >168" To 192" Wide Lined Draperies.....	2,144.19	46.99
12 22 13 00-0068	EA >90" To 99" Long, >168" To 192" Wide Lined Draperies.....	2,263.39	46.99
12 22 13 00-0069	EA >99" To 108" Long, >168" To 192" Wide Lined Draperies.....	2,454.11	46.99
12 22 13 00-0070	EA >108" To 120" Long, >168" To 192" Wide Lined Draperies.....	2,525.62	46.99
12 22 13 00-0071	EA >120" To 130" Long, >168" To 192" Wide Lined Draperies.....	2,692.50	46.99
12 22 13 00-0072	>192" To 216" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0073	EA Up To 39" Long, >192" To 216" Wide Lined Draperies.....	1,964.18	52.35
12 22 13 00-0074	EA >39" To 63" Long, >192" To 216" Wide Lined Draperies.....	2,059.54	52.35
12 22 13 00-0075	EA >63" To 72" Long, >192" To 216" Wide Lined Draperies.....	2,154.90	52.35
12 22 13 00-0076	EA >72" To 81" Long, >192" To 216" Wide Lined Draperies.....	2,297.93	52.35
12 22 13 00-0077	EA >81" To 90" Long, >192" To 216" Wide Lined Draperies.....	2,440.97	52.35
12 22 13 00-0078	EA >90" To 99" Long, >192" To 216" Wide Lined Draperies.....	2,584.01	52.35



<b>Furnishings</b>	<b>12</b>	
Window Treatments	12 20	12
Curtains and Drapes	12 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0079 EA >99" To 108" Long, >192" To 216" Wide Lined Draperies.....	2,703.21	52.35
12 22 13 00-0080 EA >108" To 120" Long, >192" To 216" Wide Lined Draperies.....	2,822.41	52.35
12 22 13 00-0081 EA >120" To 130" Long, >192" To 216" Wide Lined Draperies.....	3,036.96	52.35
<b>12 22 13 00-0082 &gt;216" To 240" Wide Lined Draperies (12 22 13 00-0001)</b>		
12 22 13 00-0083 EA Up To 39" Long, >216" To 240" Wide Lined Draperies.....	2,165.61	57.70
12 22 13 00-0084 EA >39" To 63" Long, >216" To 240" Wide Lined Draperies.....	2,332.49	57.70
12 22 13 00-0085 EA >63" To 72" Long, >216" To 240" Wide Lined Draperies.....	2,404.00	57.70
12 22 13 00-0086 EA >72" To 81" Long, >216" To 240" Wide Lined Draperies.....	2,547.04	57.70
12 22 13 00-0087 EA >81" To 90" Long, >216" To 240" Wide Lined Draperies.....	2,713.92	57.70
12 22 13 00-0088 EA >90" To 99" Long, >216" To 240" Wide Lined Draperies.....	2,856.96	57.70
12 22 13 00-0089 EA >99" To 108" Long, >216" To 240" Wide Lined Draperies.....	2,999.99	57.70
12 22 13 00-0090 EA >108" To 120" Long, >216" To 240" Wide Lined Draperies.....	3,143.03	57.70
12 22 13 00-0091 EA >120" To 130" Long, >216" To 240" Wide Lined Draperies.....	3,381.42	57.70
<b>12 22 16 Drapery Track and Accessories (12 22)</b>		
<b>12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks (12 22 16)</b>		
<b>12 22 16 00-0002 Basic Traverse Rod (12 22 16 00-0001)</b>		
12 22 16 00-0003 EA Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	155.66	50.76
12 22 16 00-0004 EA Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	184.22	50.76
12 22 16 00-0005 EA Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	219.89	56.40
12 22 16 00-0006 EA Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	309.08	56.40
12 22 16 00-0007 EA Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track.....	319.67	62.04
<b>12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod (12 22 16 00-0001)</b>		
12 22 16 00-0009 EA Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	183.03	50.76
12 22 16 00-0010 EA Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	201.47	50.76
12 22 16 00-0011 EA Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	263.33	56.40
12 22 16 00-0012 EA Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	302.42	62.04
<b>12 22 16 00-0013 Double Traverse Rod (12 22 16 00-0001)</b>		
12 22 16 00-0014 EA Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	230.03	50.76
12 22 16 00-0015 EA Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	285.96	50.76
12 22 16 00-0016 EA Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	361.20	56.40
12 22 16 00-0017 EA Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	389.88	62.04
<b>12 22 16 00-0018 Curtain Rods (12 22 16 00-0001)</b>		
12 22 16 00-0019 LF Standard Metal Curtain Rod, White.....	12.84	2.14
<b>12 22 16 00-0020 Relocate Drapery And Rod (12 22 16 00-0001)</b>		
12 22 16 00-0021 LF Relocate Any Type Of Drapery And Any Type Rod.....	33.84	
Note: Includes storage and cleaning.		
<b>12 23 Interior Shutters (12 20)</b>		
<b>12 23 13 Wood Interior Shutters (12 23)</b>		
<b>12 23 13 00-0001 Interior Plantation Shutters (12 23 13)</b>		
Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
<b>12 23 13 00-0002 12" Wide (12 23 13 00-0001)</b>		
12 23 13 00-0003 PR 12" x 36" Plantation Shutter.....	300.82	35.91
12 23 13 00-0004 PR 12" x 40" Plantation Shutter.....	334.82	37.71
12 23 13 00-0005 PR 12" x 44" Plantation Shutter.....	365.67	39.51
12 23 13 00-0006 PR 12" x 48" Plantation Shutter.....	396.52	41.30
12 23 13 00-0007 PR 12" x 52" Plantation Shutter.....	427.37	43.10
12 23 13 00-0008 PR 12" x 56" Plantation Shutter.....	458.23	44.88
12 23 13 00-0009 PR 12" x 60" Plantation Shutter.....	460.62	46.68
12 23 13 00-0010 PR 12" x 64" Plantation Shutter.....	519.93	48.47
12 23 13 00-0011 PR 12" x 68" Plantation Shutter.....	550.77	50.27
12 23 13 00-0012 PR 12" x 72" Plantation Shutter.....	581.62	52.07
12 23 13 00-0013 PR 12" x 76" Plantation Shutter.....	612.47	53.86
12 23 13 00-0014 PR 12" x 80" Plantation Shutter.....	643.32	55.66
<b>12 23 13 00-0015 14" Wide (12 23 13 00-0001)</b>		
12 23 13 00-0016 PR 14" x 36" Plantation Shutter.....	313.46	35.91
12 23 13 00-0017 PR 14" x 40" Plantation Shutter.....	347.48	37.71
12 23 13 00-0018 PR 14" x 44" Plantation Shutter.....	378.32	39.51
12 23 13 00-0019 PR 14" x 48" Plantation Shutter.....	409.18	41.30
12 23 13 00-0020 PR 14" x 52" Plantation Shutter.....	443.18	43.10



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
12 23 13 00-0021	PR	14" x 56" Plantation Shutter .....		474.03	44.88
12 23 13 00-0022	PR	14" x 60" Plantation Shutter .....		504.88	46.68
12 23 13 00-0023	PR	14" x 64" Plantation Shutter .....		538.90	48.47
12 23 13 00-0024	PR	14" x 68" Plantation Shutter .....		569.74	50.27
12 23 13 00-0025	PR	14" x 72" Plantation Shutter .....		600.60	52.07
12 23 13 00-0026	PR	14" x 76" Plantation Shutter .....		634.60	53.86
12 23 13 00-0027	PR	14" x 80" Plantation Shutter .....		665.45	55.66
<b>12 23 13 00-0028 15" Wide (12 23 13 00-0001)</b>					
12 23 13 00-0029	PR	15" x 36" Plantation Shutter .....		326.11	35.91
12 23 13 00-0030	PR	15" x 40" Plantation Shutter .....		360.13	37.71
12 23 13 00-0031	PR	15" x 44" Plantation Shutter .....		390.96	39.51
12 23 13 00-0032	PR	15" x 48" Plantation Shutter .....		421.83	41.30
12 23 13 00-0033	PR	15" x 52" Plantation Shutter .....		455.83	43.10
12 23 13 00-0034	PR	15" x 56" Plantation Shutter .....		489.84	44.88
12 23 13 00-0035	PR	15" x 60" Plantation Shutter .....		523.85	46.68
12 23 13 00-0036	PR	15" x 64" Plantation Shutter .....		557.87	48.47
12 23 13 00-0037	PR	15" x 68" Plantation Shutter .....		591.87	50.27
12 23 13 00-0038	PR	15" x 72" Plantation Shutter .....		622.73	52.07
12 23 13 00-0039	PR	15" x 76" Plantation Shutter .....		656.74	53.86
12 23 13 00-0040	PR	15" x 80" Plantation Shutter .....		690.74	55.66
<b>12 23 13 00-0041 16" Wide (12 23 13 00-0001)</b>					
12 23 13 00-0042	PR	16" x 36" Plantation Shutter .....		345.08	35.91
12 23 13 00-0043	PR	16" x 40" Plantation Shutter .....		382.26	37.71
12 23 13 00-0044	PR	16" x 44" Plantation Shutter .....		416.26	39.51
12 23 13 00-0045	PR	16" x 48" Plantation Shutter .....		453.45	41.30
12 23 13 00-0046	PR	16" x 52" Plantation Shutter .....		487.44	43.10
12 23 13 00-0047	PR	16" x 56" Plantation Shutter .....		521.46	44.88
12 23 13 00-0048	PR	16" x 60" Plantation Shutter .....		555.47	46.68
12 23 13 00-0049	PR	16" x 64" Plantation Shutter .....		595.81	48.47
12 23 13 00-0050	PR	16" x 68" Plantation Shutter .....		629.81	50.27
12 23 13 00-0051	PR	16" x 72" Plantation Shutter .....		663.83	52.07
12 23 13 00-0052	PR	16" x 76" Plantation Shutter .....		701.00	53.86
12 23 13 00-0053	PR	16" x 80" Plantation Shutter .....		735.01	55.66
<b>12 23 13 00-0054 18" Wide (12 23 13 00-0001)</b>					
12 23 13 00-0055	PR	18" x 36" Plantation Shutter .....		373.54	35.91
12 23 13 00-0056	PR	18" x 40" Plantation Shutter .....		410.72	37.71
12 23 13 00-0057	PR	18" x 44" Plantation Shutter .....		447.87	39.51
12 23 13 00-0058	PR	18" x 48" Plantation Shutter .....		488.22	41.30
12 23 13 00-0059	PR	18" x 52" Plantation Shutter .....		525.38	43.10
12 23 13 00-0060	PR	18" x 56" Plantation Shutter .....		565.72	44.88
12 23 13 00-0061	PR	18" x 60" Plantation Shutter .....		602.89	46.68
12 23 13 00-0062	PR	18" x 64" Plantation Shutter .....		640.07	48.47
12 23 13 00-0063	PR	18" x 68" Plantation Shutter .....		677.24	50.27
12 23 13 00-0064	PR	18" x 72" Plantation Shutter .....		717.58	52.07
12 23 13 00-0065	PR	18" x 76" Plantation Shutter .....		754.75	53.86
12 23 13 00-0066	PR	18" x 80" Plantation Shutter .....		795.08	55.66
<b>12 23 13 00-0067 20" Wide (12 23 13 00-0001)</b>					
12 23 13 00-0068	PR	20" x 36" Plantation Shutter .....		405.15	35.91
12 23 13 00-0069	PR	20" x 40" Plantation Shutter .....		448.66	37.71
12 23 13 00-0070	PR	20" x 44" Plantation Shutter .....		488.98	39.51
12 23 13 00-0071	PR	20" x 48" Plantation Shutter .....		529.33	41.30
12 23 13 00-0072	PR	20" x 52" Plantation Shutter .....		572.81	43.10
12 23 13 00-0073	PR	20" x 56" Plantation Shutter .....		613.15	44.88
12 23 13 00-0074	PR	20" x 60" Plantation Shutter .....		656.64	46.68
12 23 13 00-0075	PR	20" x 64" Plantation Shutter .....		696.98	48.47
12 23 13 00-0076	PR	20" x 68" Plantation Shutter .....		740.47	50.27
12 23 13 00-0077	PR	20" x 72" Plantation Shutter .....		780.82	52.07
12 23 13 00-0078	PR	20" x 76" Plantation Shutter .....		824.31	53.86
12 23 13 00-0079	PR	20" x 80" Plantation Shutter .....		864.64	55.66
<b>12 23 13 00-0080 22" Wide (12 23 13 00-0001)</b>					
12 23 13 00-0081	PR	22" x 36" Plantation Shutter .....		430.45	35.91
12 23 13 00-0082	PR	22" x 40" Plantation Shutter .....		477.11	37.71
12 23 13 00-0083	PR	22" x 44" Plantation Shutter .....		520.59	39.51
12 23 13 00-0084	PR	22" x 48" Plantation Shutter .....		5,306.67	41.30
12 23 13 00-0085	PR	22" x 52" Plantation Shutter .....		610.75	43.10
12 23 13 00-0086	PR	22" x 56" Plantation Shutter .....		654.25	44.88
12 23 13 00-0087	PR	22" x 60" Plantation Shutter .....		697.74	46.68
12 23 13 00-0088	PR	22" x 64" Plantation Shutter .....		744.41	48.47
12 23 13 00-0089	PR	22" x 68" Plantation Shutter .....		787.90	50.27
12 23 13 00-0090	PR	22" x 72" Plantation Shutter .....		834.56	52.07



	<b>Furnishings</b>	<b>12</b>
	Window Treatments	12 20
	Interior Shutters	12 23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0091	PR		22" x 76" Plantation Shutter.....	878.06	53.86
12 23 13 00-0092	PR		22" x 80" Plantation Shutter.....	924.71	55.66
<b>12 23 13 00-0093</b>			<b>24" Wide</b> (12 23 13 00-0001)		
12 23 13 00-0094	PR		24" x 36" Plantation Shutter.....	455.74	35.91
12 23 13 00-0095	PR		24" x 40" Plantation Shutter.....	505.57	37.71
12 23 13 00-0096	PR		24" x 44" Plantation Shutter.....	552.21	39.51
12 23 13 00-0097	PR		24" x 48" Plantation Shutter.....	602.05	41.30
12 23 13 00-0098	PR		24" x 52" Plantation Shutter.....	648.69	43.10
12 23 13 00-0099	PR		24" x 56" Plantation Shutter.....	695.35	44.88
12 23 13 00-0100	PR		24" x 60" Plantation Shutter.....	742.01	46.68
12 23 13 00-0101	PR		24" x 64" Plantation Shutter.....	791.83	48.47
12 23 13 00-0102	PR		24" x 68" Plantation Shutter.....	838.49	50.27
12 23 13 00-0103	PR		24" x 72" Plantation Shutter.....	888.31	52.07
12 23 13 00-0104	PR		24" x 76" Plantation Shutter.....	934.97	53.86
12 23 13 00-0105	PR		24" x 80" Plantation Shutter.....	984.78	55.66
<b>12 24</b>			<b>Window Shades</b> (12 20)		
<b>12 24 13</b>			<b>Roller Window Shades</b> (12 24)		
12 24 13 00-0001			Roller Window Shades (12 24 13)		
12 24 13 00-0002			Vinyl Coated Fiberglass, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF		0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades.....	15.59	0.71
12 24 13 00-0004	SF		1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades.....	15.59	0.71
12 24 13 00-0005			Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF		0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades.....	19.94	0.71
12 24 13 00-0007			Vinyl Coated Polyester, Roller Window Shades (12 24 13 00-0001)		
			Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF		1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades.....	15.59	0.71
<b>12 25</b>			<b>Window Treatment Operating Hardware</b> (12 20)		
<b>12 25 09</b>			<b>Window Treatment Control System</b> (12 25)		
12 25 09 00-0001			Motorized Lightproof Shades (12 25 09)		
12 25 09 00-0002	SF		Motorized Lightproof Shades, Up To 144" Width.....	41.55	2.82
<b>12 30</b>			<b>Casework</b> (12)		
<b>12 31</b>			<b>Manufactured Metal Casework</b> (12 30)		
<b>12 31 16</b>			<b>Manufactured Metal Sandwich Panel Casework</b> (12 31)		
12 31 16 00-0001			34-1/2" High x 24" Deep, Stainless Steel Cabinets (12 31 16)		
12 31 16 00-0002			18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets (12 31 16 00-0001)		
12 31 16 00-0003			18" Stainless Steel Base Cabinet (12 31 16 00-0002)		
12 31 16 00-0004	EA		18" Stainless Steel Base Cabinet, No Doors Or Drawers.....	2,064.52	258.75
			For 16 Gauge Stainless Steel, Add	332.57	
			For >5 To 9, Deduct	-81.21	
			For >9, Deduct	-162.42	
12 31 16 00-0005	EA		18" Stainless Steel Base Cabinet, With 4 Drawers.....	3,378.38	258.75
			For 16 Gauge Stainless Steel, Add	615.05	
			For >5 To 9, Deduct	-150.19	
			For >9, Deduct	-300.38	
12 31 16 00-0006	EA		18" Stainless Steel Base Cabinet, With 3 Drawers.....	3,130.47	258.75
			For 16 Gauge Stainless Steel, Add	561.75	
			For >5 To 9, Deduct	-137.17	
			For >9, Deduct	-274.35	
12 31 16 00-0007	EA		18" Stainless Steel Base Cabinet, With 2 Drawers.....	2,882.55	258.75
			For 16 Gauge Stainless Steel, Add	508.45	
			For >5 To 9, Deduct	-124.16	
			For >9, Deduct	-248.31	
12 31 16 00-0008	EA		18" Stainless Steel Base Cabinet, With Doors And Drawers.....	2,798.42	258.75
			For 16 Gauge Stainless Steel, Add	490.36	
			For >5 To 9, Deduct	-119.74	
			For >9, Deduct	-239.48	



**12 Furnishings****12 30 Casework****12 31 Manufactured Metal Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0009			<b>24" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		
12 31 16 00-0010	EA		24" Stainless Steel Base Cabinet, With Doors And Locks .....	2,998.54	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	524.35	
			<i>For &gt;5 To 9, Deduct</i>	-128.04	
			<i>For &gt;9, Deduct</i>	-256.08	
12 31 16 00-0011	EA		24" Stainless Steel Base Cabinet, With Door, No Locks .....	2,696.03	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	459.31	
			<i>For &gt;5 To 9, Deduct</i>	-112.16	
			<i>For &gt;9, Deduct</i>	-224.31	
12 31 16 00-0012	EA		24" Stainless Steel Base Cabinet, With Two Doors, No Locks .....	2,762.26	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	473.55	
			<i>For &gt;5 To 9, Deduct</i>	-115.63	
			<i>For &gt;9, Deduct</i>	-231.27	
12 31 16 00-0013	EA		24" Stainless Steel Base Cabinet, No Doors, 2 Drawers .....	3,070.14	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	539.74	
			<i>For &gt;5 To 9, Deduct</i>	-131.80	
			<i>For &gt;9, Deduct</i>	-263.59	
12 31 16 00-0014	EA		24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks .....	4,003.63	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	740.44	
			<i>For &gt;5 To 9, Deduct</i>	-180.81	
			<i>For &gt;9, Deduct</i>	-361.61	
12 31 16 00-0015	EA		24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks.....	4,403.69	279.65
			<i>For 16 Gauge Stainless Steel, Add</i>	826.45	
			<i>For &gt;5 To 9, Deduct</i>	-201.81	
			<i>For &gt;9, Deduct</i>	-403.62	
12 31 16 00-0016			<b>30" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		
12 31 16 00-0017	EA		30" Stainless Steel Base Cabinet, No Doors, No Drawers .....	2,631.79	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	439.16	
			<i>For &gt;5 To 9, Deduct</i>	-107.24	
			<i>For &gt;9, Deduct</i>	-214.47	
12 31 16 00-0018	EA		30" Stainless Steel Base Cabinet, With 4 Full Size Drawers .....	3,845.41	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	700.09	
			<i>For &gt;5 To 9, Deduct</i>	-170.95	
			<i>For &gt;9, Deduct</i>	-341.90	
12 31 16 00-0019	EA		30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks.....	4,961.48	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	940.04	
			<i>For &gt;5 To 9, Deduct</i>	-229.55	
			<i>For &gt;9, Deduct</i>	-459.09	
12 31 16 00-0020	EA		30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks .....	4,561.41	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	854.03	
			<i>For &gt;5 To 9, Deduct</i>	-208.54	
			<i>For &gt;9, Deduct</i>	-417.08	
12 31 16 00-0021	EA		30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer .....	4,313.50	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	800.73	
			<i>For &gt;5 To 9, Deduct</i>	-195.53	
			<i>For &gt;9, Deduct</i>	-391.05	
12 31 16 00-0022	EA		30" Stainless Steel Base Cabinet, With Doors, No Locks.....	3,307.52	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	584.44	
			<i>For &gt;5 To 9, Deduct</i>	-142.71	
			<i>For &gt;9, Deduct</i>	-285.43	
12 31 16 00-0023	EA		30" Stainless Steel Base Cabinet, With Doors And Locks .....	3,277.09	294.70
			<i>For 16 Gauge Stainless Steel, Add</i>	577.90	
			<i>For &gt;5 To 9, Deduct</i>	-141.12	
			<i>For &gt;9, Deduct</i>	-282.23	
12 31 16 00-0024			<b>36" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		
12 31 16 00-0025	EA		36" Stainless Steel Base Cabinet, No Doors, No Drawers .....	2,910.28	306.40
			<i>For 16 Gauge Stainless Steel, Add</i>	493.83	
			<i>For &gt;5 To 9, Deduct</i>	-120.59	
			<i>For &gt;9, Deduct</i>	-241.17	
12 31 16 00-0026	EA		36" Stainless Steel Base Cabinet, With Doors And Locks .....	3,556.47	306.40
			<i>For 16 Gauge Stainless Steel, Add</i>	632.76	
			<i>For &gt;5 To 9, Deduct</i>	-154.51	
			<i>For &gt;9, Deduct</i>	-309.02	
12 31 16 00-0027	EA		36" Stainless Steel Base Cabinet, With Door, No Lock .....	3,318.40	306.40
			<i>For 16 Gauge Stainless Steel, Add</i>	581.58	
			<i>For &gt;5 To 9, Deduct</i>	-142.01	
			<i>For &gt;9, Deduct</i>	-284.03	
12 31 16 00-0028	EA		36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock.....	5,237.28	306.40
			<i>For 16 Gauge Stainless Steel, Add</i>	994.14	
			<i>For &gt;5 To 9, Deduct</i>	-242.75	
			<i>For &gt;9, Deduct</i>	-485.51	
12 31 16 00-0029	EA		36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks.....	4,838.11	306.40
			<i>For 16 Gauge Stainless Steel, Add</i>	908.31	
			<i>For &gt;5 To 9, Deduct</i>	-221.80	
			<i>For &gt;9, Deduct</i>	-443.60	
12 31 16 00-0030			<b>42" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		



<b>Furnishings</b>	<b>12</b>
Casework	12 30
Manufactured Metal Casework	12 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0031 EA 42" Stainless Steel Base Cabinet, No Doors, No Drawers .....	3,054.54	325.62
For 16 Gauge Stainless Steel, Add	516.69	
For >5 To 9, Deduct	-126.17	
For >9, Deduct	-252.34	
12 31 16 00-0032 EA 42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock .....	5,523.84	325.62
For 16 Gauge Stainless Steel, Add	1,047.59	
For >5 To 9, Deduct	-255.81	
For >9, Deduct	-511.62	
12 31 16 00-0033 EA 42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock .....	5,123.78	325.62
For 16 Gauge Stainless Steel, Add	961.58	
For >5 To 9, Deduct	-234.80	
For >9, Deduct	-469.61	
12 31 16 00-0034 EA 42" Stainless Steel Base Cabinet, No Doors, 2 Drawers .....	4,709.39	325.62
For 16 Gauge Stainless Steel, Add	872.49	
For >5 To 9, Deduct	-213.05	
For >9, Deduct	-426.10	
12 31 16 00-0035 EA 42" Stainless Steel Base Cabinet, With Doors, No Lock.....	3,605.86	325.62
For 16 Gauge Stainless Steel, Add	635.23	
For >5 To 9, Deduct	-155.11	
For >9, Deduct	-310.23	
12 31 16 00-0036 EA 42" Stainless Steel Base Cabinet, With Doors And Lock.....	3,840.35	325.62
For 16 Gauge Stainless Steel, Add	685.64	
For >5 To 9, Deduct	-167.42	
For >9, Deduct	-334.85	
<b>12 31 16 00-0037 48" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		
12 31 16 00-0038 EA 48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock .....	5,794.57	333.15
For 16 Gauge Stainless Steel, Add	1,102.68	
For >5 To 9, Deduct	-269.26	
For >9, Deduct	-538.52	
12 31 16 00-0039 EA 48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock .....	5,395.40	333.15
For 16 Gauge Stainless Steel, Add	1,016.86	
For >5 To 9, Deduct	-248.30	
For >9, Deduct	-496.60	
12 31 16 00-0040 EA 48" Stainless Steel Base Cabinet, No Doors, No Drawers .....	3,325.27	333.15
For 16 Gauge Stainless Steel, Add	571.78	
For >5 To 9, Deduct	-139.62	
For >9, Deduct	-279.24	
12 31 16 00-0041 EA 48" Stainless Steel Base Cabinet, No Doors, 2 Drawers .....	4,981.02	333.15
For 16 Gauge Stainless Steel, Add	927.76	
For >5 To 9, Deduct	-226.55	
For >9, Deduct	-453.09	
12 31 16 00-0042 EA 48" Stainless Steel Base Cabinet, With Doors, And Lock.....	4,113.76	333.15
For 16 Gauge Stainless Steel, Add	741.30	
For >5 To 9, Deduct	-181.02	
For >9, Deduct	-362.03	
12 31 16 00-0043 EA 48" Stainless Steel Base Cabinet, With Doors, No Locks.....	4,049.32	333.15
For 16 Gauge Stainless Steel, Add	727.45	
For >5 To 9, Deduct	-177.63	
For >9, Deduct	-355.27	
<b>12 31 16 00-0044 60" Stainless Steel Base Cabinet</b> (12 31 16 00-0002)		
12 31 16 00-0045 EA 24" Deep x 60" Wide Stainless Steel Sink Base Cabinet.....	4,004.51	343.29
For 16 Gauge Stainless Steel, Add	713.43	
For >5 To 9, Deduct	-174.21	
For >9, Deduct	-348.42	
<b>12 31 16 00-0046 18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets</b> (12 31 16 00-0001)		
<b>12 31 16 00-0047 12" Wide Stainless Steel Wall Cabinets</b> (12 31 16 00-0046)		
12 31 16 00-0048 EA 12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,614.78	98.51
For 16 Gauge Stainless Steel, Add	304.81	
For >5 To 9, Deduct	-74.43	
For >9, Deduct	-148.86	
12 31 16 00-0049 EA 12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks .....	1,607.63	104.48
For 16 Gauge Stainless Steel, Add	300.71	
For >5 To 9, Deduct	-73.43	
For >9, Deduct	-146.86	
<b>12 31 16 00-0050 18" Wide Stainless Steel Wall Cabinets</b> (12 31 16 00-0046)		
12 31 16 00-0051 EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,692.41	105.91
For 16 Gauge Stainless Steel, Add	318.30	
For >5 To 9, Deduct	-77.72	
For >9, Deduct	-155.45	
12 31 16 00-0052 EA 18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks .....	1,594.85	105.91
For 16 Gauge Stainless Steel, Add	297.32	
For >5 To 9, Deduct	-72.60	
For >9, Deduct	-145.20	

**12 Furnishings**

**12 30 Casework**

**12 31 Manufactured Metal Casework**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
12 31 16 00-0053	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,872.17 352.95 -86.19 -172.37	115.22
12 31 16 00-0054	EA 18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,812.21 340.06 -83.04 -166.08	115.22
<b>12 31 16 00-0055 24" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)</b>			
12 31 16 00-0056	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,400.77 250.76 -61.23 -122.46	117.26
12 31 16 00-0057	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,910.92 360.44 -88.02 -176.03	117.26
12 31 16 00-0058	EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,814.26 339.66 -82.94 -165.88	117.26
12 31 16 00-0059	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,799.14 339.68 -82.95 -165.89	109.49
12 31 16 00-0060	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,696.21 317.55 -77.54 -155.08	109.49
12 31 16 00-0061	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,178.62 421.27 -102.87 -205.74	109.49
12 31 16 00-0062	EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,282.72 228.65 -55.83 -111.67	109.49
12 31 16 00-0063	EA 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,207.56 214.69 -52.42 -104.85	104.48
<b>12 31 16 00-0064 30" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)</b>			
12 31 16 00-0065	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,484.23 480.55 -117.34 -234.69	124.54
12 31 16 00-0066	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,249.74 430.14 -105.03 -210.07	124.54
12 31 16 00-0067	EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,504.20 269.84 -65.89 -131.78	124.54
12 31 16 00-0068	EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,363.81 458.91 -112.06 -224.12	114.63
12 31 16 00-0069	EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,129.32 408.50 -99.75 -199.50	114.63
12 31 16 00-0070	EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,383.78 248.20 -60.61 -121.22	114.63
12 31 16 00-0071	EA 30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	1,308.26 234.31 -57.22 -114.43	109.26
<b>12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)</b>			
12 31 16 00-0073	EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,583.72 500.41 -122.19 -244.39	128.13
12 31 16 00-0074	EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks..... <i>For 16 Gauge Stainless Steel, Add</i> <i>For &gt;5 To 9, Deduct</i> <i>For &gt;9, Deduct</i>	2,343.86 448.84 -109.60 -219.20	128.13



		<b>Furnishings</b>	<b>12</b>
		Casework	12 30
		Manufactured Metal Casework	12 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0075	EA		36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,603.70	128.13
			<i>For 16 Gauge Stainless Steel, Add</i>	289.71	
			<i>For &gt;5 To 9, Deduct</i>	-70.74	
			<i>For &gt;9, Deduct</i>	-141.48	
12 31 16 00-0076	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,462.24	117.26
			<i>For 16 Gauge Stainless Steel, Add</i>	478.98	
			<i>For &gt;5 To 9, Deduct</i>	-116.96	
			<i>For &gt;9, Deduct</i>	-233.92	
12 31 16 00-0077	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,228.64	117.26
			<i>For 16 Gauge Stainless Steel, Add</i>	428.75	
			<i>For &gt;5 To 9, Deduct</i>	-104.70	
			<i>For &gt;9, Deduct</i>	-209.39	
12 31 16 00-0078	EA		36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,482.21	117.26
			<i>For 16 Gauge Stainless Steel, Add</i>	268.27	
			<i>For &gt;5 To 9, Deduct</i>	-65.51	
			<i>For &gt;9, Deduct</i>	-131.02	
12 31 16 00-0079	EA		36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,408.37	111.65
			<i>For 16 Gauge Stainless Steel, Add</i>	254.78	
			<i>For &gt;5 To 9, Deduct</i>	-62.21	
			<i>For &gt;9, Deduct</i>	-124.43	
<b>12 31 16 00-0080</b>			<b>42" Wide Stainless Steel Wall Cabinets</b> (12 31 16 00-0046)		
12 31 16 00-0081	EA		42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,702.35	161.20
			<i>For 16 Gauge Stainless Steel, Add</i>	511.75	
			<i>For &gt;5 To 9, Deduct</i>	-124.96	
			<i>For &gt;9, Deduct</i>	-249.92	
12 31 16 00-0082	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,709.02	152.12
			<i>For 16 Gauge Stainless Steel, Add</i>	517.06	
			<i>For &gt;5 To 9, Deduct</i>	-126.26	
			<i>For &gt;9, Deduct</i>	-252.52	
12 31 16 00-0083	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,470.95	152.12
			<i>For 16 Gauge Stainless Steel, Add</i>	465.87	
			<i>For &gt;5 To 9, Deduct</i>	-113.76	
			<i>For &gt;9, Deduct</i>	-227.52	
12 31 16 00-0084	EA		42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,727.20	152.12
			<i>For 16 Gauge Stainless Steel, Add</i>	305.97	
			<i>For &gt;5 To 9, Deduct</i>	-74.71	
			<i>For &gt;9, Deduct</i>	-149.43	
12 31 16 00-0085	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,557.40	127.76
			<i>For 16 Gauge Stainless Steel, Add</i>	494.91	
			<i>For &gt;5 To 9, Deduct</i>	-120.85	
			<i>For &gt;9, Deduct</i>	-241.70	
12 31 16 00-0086	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,321.12	127.76
			<i>For 16 Gauge Stainless Steel, Add</i>	444.11	
			<i>For &gt;5 To 9, Deduct</i>	-108.44	
			<i>For &gt;9, Deduct</i>	-216.89	
12 31 16 00-0087	EA		42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,577.37	127.76
			<i>For 16 Gauge Stainless Steel, Add</i>	284.20	
			<i>For &gt;5 To 9, Deduct</i>	-69.40	
			<i>For &gt;9, Deduct</i>	-138.80	
<b>12 31 16 00-0088</b>			<b>48" Wide Stainless Steel Wall Cabinets</b> (12 31 16 00-0046)		
12 31 16 00-0089	EA		48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks.....	2,373.71	161.20
			<i>For 16 Gauge Stainless Steel, Add</i>	439.69	
			<i>For &gt;5 To 9, Deduct</i>	-107.37	
			<i>For &gt;9, Deduct</i>	-214.73	
12 31 16 00-0090	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,806.59	155.47
			<i>For 16 Gauge Stainless Steel, Add</i>	536.56	
			<i>For &gt;5 To 9, Deduct</i>	-131.02	
			<i>For &gt;9, Deduct</i>	-262.04	
12 31 16 00-0091	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,572.10	155.47
			<i>For 16 Gauge Stainless Steel, Add</i>	486.15	
			<i>For &gt;5 To 9, Deduct</i>	-118.71	
			<i>For &gt;9, Deduct</i>	-237.42	
12 31 16 00-0092	EA		48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,826.56	155.47
			<i>For 16 Gauge Stainless Steel, Add</i>	325.85	
			<i>For &gt;5 To 9, Deduct</i>	-79.57	
			<i>For &gt;9, Deduct</i>	-159.14	
12 31 16 00-0093	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,654.52	128.96
			<i>For 16 Gauge Stainless Steel, Add</i>	515.23	
			<i>For &gt;5 To 9, Deduct</i>	-125.81	
			<i>For &gt;9, Deduct</i>	-251.63	
12 31 16 00-0094	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,420.92	128.96
			<i>For 16 Gauge Stainless Steel, Add</i>	465.01	
			<i>For &gt;5 To 9, Deduct</i>	-113.55	
			<i>For &gt;9, Deduct</i>	-227.10	
12 31 16 00-0095	EA		48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,674.49	128.96
			<i>For 16 Gauge Stainless Steel, Add</i>	304.53	
			<i>For &gt;5 To 9, Deduct</i>	-74.36	
			<i>For &gt;9, Deduct</i>	-148.72	
<b>12 31 16 00-0096</b>			<b>Accessories</b> (12 31 16 00-0001)		

<b>12</b>	<b>12</b>	<b>Furnishings</b>
	<b>12 30</b>	<b>Casework</b>
	<b>12 31</b>	<b>Manufactured Metal Casework</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>12 31 16 00-0097</b> <b>Stainless Steel Countertops</b> <small>(12 31 16 00-0096)</small>		
Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098    SF   16 Gauge Stainless Steel Countertop With Backsplash .....	95.41	6.57
For 14 Gauge Stainless Steel, Add	18.18	
12 31 16 00-0099    SF   16 Gauge Stainless Steel Countertop Without Backsplash .....	87.71	6.57
For 14 Gauge Stainless Steel, Add	16.48	
12 31 16 00-0100    EA   Cutout For Sink And/or Faucet In Stainless Steel Countertop .....	178.39	
 <b>12 31 16 00-0101</b> <b>Stainless Steel Wall Panels</b> <small>(12 31 16 00-0096)</small>		
12 31 16 00-0102    SF   20 Gauge Stainless Steel Wall Panel .....	39.72	9.79
For 18 Gauge Stainless Steel, Add	5.47	
For 16 Gauge Stainless Steel, Add	10.54	
 <b>12 31 16 00-0103</b> <b>Stainless Steel Slanted Cabinet Top Enclosure</b> <small>(12 31 16 00-0096)</small>		
12 31 16 00-0104    EA   Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections .....	387.29	29.74
 <b>12 35    Specialty Casework</b> <small>(12 30)</small>		
<b>12 35 59    Display Casework</b> <small>(12 35)</small>		
See CSI section 10 12 00 00-0000 for display cases.		
<b>12 35 70    Healthcare Casework</b> <small>(12 35)</small>		
<b>12 35 70 13    Hospital Casework</b> <small>(12 35 70)</small>		
<b>12 35 70 13-0001    Hospital Cabinets</b> <small>(12 35 70 13)</small>		
12 35 70 13-0002    LF   Hospital Base Cabinet, Laminated Plastic .....	596.08	95.19
12 35 70 13-0003    LF   Hospital Base Cabinet, Enameled Steel .....	692.39	95.19
12 35 70 13-0004    LF   Hospital Base Cabinet, Stainless Steel .....	1,061.23	95.19
12 35 70 13-0005    LF   Hospital Cabinet Base Trim, 4" High Enameled Steel .....	75.09	4.76
12 35 70 13-0006    LF   Hospital Cabinet Base Trim, 4" High Stainless Steel .....	158.08	4.76
12 35 70 13-0007    LF   Hospital Counter Top, Laminated Plastic Without Backsplash .....	121.36	23.79
12 35 70 13-0008    LF   Hospital Counter Top, Laminated Plastic With Backsplash .....	133.65	23.79
12 35 70 13-0009    LF   Hospital Counter Top, Stainless Steel .....	283.24	23.79
12 35 70 13-0010    LF   Hospital Wall Cabinet, Laminated Plastic .....	485.90	63.65
12 35 70 13-0011    LF   Hospital Wall Cabinet, Enameled Steel .....	588.36	63.65
12 35 70 13-0012    LF   Hospital Wall Cabinet, Stainless Steel .....	895.72	63.65
 <b>12 36    Countertops</b> <small>(12 30)</small>		
<b>12 36 23    Plastic Countertops</b> <small>(12 36)</small>		
<b>12 36 23 13    Plastic-Laminate-Clad Countertops</b> <small>(12 36 23)</small>		
<b>12 36 23 13-0001    Plastic Laminate Countertops</b> <small>(12 36 23 13)</small>		
Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.		
12 36 23 13-0002    SF   Plastic Laminate Countertop Without Backsplash .....	18.09	11.89
12 36 23 13-0003    SF   Plastic Laminate Countertop With 4" Backsplash .....	24.24	11.89
12 36 23 13-0004    LF   Plastic Laminate End Splash For Plastic Laminate Countertops .....	30.60	3.57
12 36 23 13-0005    EA   Cutout For Sink And/or Faucet In Plastic Laminate Countertop .....	99.11	
 <b>12 36 23 13-0006    Formica Counter Tops (Surell)</b> <small>(12 36 23 13)</small>		
12 36 23 13-0007    LF   Formica Counter Top (Surell), No Fabrication Required .....	219.30	8.92
Note: High end Formica, color core		
12 36 23 13-0008    LF   Formica Counter Top (Surell), Fabricated .....	572.61	8.92
Note: High end Formica, color core, cutouts according to design.		
 <b>12 36 53    Laboratory Countertops</b> <small>(12 36)</small>		
<b>12 36 53 00-0001    Epoxy Resin Laboratory Countertops</b> <small>(12 36 53)</small>		
Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0002    SF   3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	61.99	5.95
12 36 53 00-0003    SF   1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	64.03	5.95
12 36 53 00-0004    SF   1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	78.11	5.95
12 36 53 00-0005    LF   4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop .....	23.57	3.57
12 36 53 00-0006    LF   6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop .....	31.79	3.57
 <b>12 36 53 00-0007    Epoxy Resin Laboratory Sinks</b> <small>(12 36 53)</small>		
Note: Includes cut out for sinks, and sink strainer assembly set.		
<b>12 36 53 00-0008    Epoxy Resin Laboratory Undermount Sink</b> <small>(12 36 53 00-0007)</small>		
12 36 53 00-0009    EA   12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	600.10	113.37
12 36 53 00-0010    EA   12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	610.35	113.37
12 36 53 00-0011    EA   12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	719.91	113.37



<b>Furnishings</b>	<b>12</b>
Casework	12 30
Countertops	12 36

12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 53 00-0012 EA 14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	610.35	113.37
12 36 53 00-0013 EA 16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	647.26	122.91
12 36 53 00-0014 EA 16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	683.78	122.91
12 36 53 00-0015 EA 16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	1,442.55	122.91
12 36 53 00-0016 EA 18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	767.23	122.91
12 36 53 00-0017 EA 24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	793.73	131.38
12 36 53 00-0018 EA 24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	982.05	131.38
12 36 53 00-0019 EA 24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	1,182.86	131.38
12 36 53 00-0020 EA 30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	2,616.23	131.38
12 36 53 00-0021 EA 31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	1,330.37	131.38
12 36 53 00-0022 EA 36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	2,812.71	131.38
12 36 53 00-0023 EA 42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink .....	3,860.40	134.56
<b>12 36 53 00-0024 Epoxy Resin Laboratory Drop-in Sink (12 36 53 00-0007)</b>		
12 36 53 00-0025 EA 9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	598.57	113.37
12 36 53 00-0026 EA 12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	600.08	113.37
12 36 53 00-0027 EA 12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	705.13	113.37
12 36 53 00-0028 EA 14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	610.35	113.37
12 36 53 00-0029 EA 15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	644.51	113.37
12 36 53 00-0030 EA 15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	644.51	113.37
12 36 53 00-0031 EA 16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	647.26	122.91
12 36 53 00-0032 EA 16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	683.78	122.91
12 36 53 00-0033 EA 16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	704.69	122.91
12 36 53 00-0034 EA 18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	709.90	122.91
12 36 53 00-0035 EA 18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	836.12	122.91
12 36 53 00-0036 EA 24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	862.62	131.38
12 36 53 00-0037 EA 25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	882.05	131.38
12 36 53 00-0038 EA 25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	888.65	131.38
12 36 53 00-0039 EA 30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink .....	1,325.30	131.38
12 36 53 00-0040 EA 10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink .....	608.87	112.31
12 36 53 00-0041 EA 12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink .....	626.57	112.31
<b>12 36 53 00-0042 Epoxy Resin Laboratory ADA Drop-in Sink (12 36 53 00-0007)</b>		
12 36 53 00-0043 EA 14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink .....	605.05	112.31
12 36 53 00-0044 EA 14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink .....	653.41	112.31
12 36 53 00-0045 EA 14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink .....	678.12	112.31
12 36 53 00-0046 EA 25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink .....	888.65	131.38
<b>12 36 53 00-0047 Epoxy Resin Laboratory Cup Sink (12 36 53 00-0007)</b>		
12 36 53 00-0048 EA 6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink .....	386.63	91.12
<b>12 36 53 00-0049 Polypropylene Laboratory Countertops (12 36 53)</b>		
Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.		
12 36 53 00-0050 SF 3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	27.80	5.95
12 36 53 00-0051 SF 1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	30.82	5.95
12 36 53 00-0052 SF 1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges .....	34.69	5.95
12 36 53 00-0053 LF 4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop .....	12.17	3.57
12 36 53 00-0054 LF 6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop .....	14.69	3.57
<b>12 36 53 00-0055 Polypropylene Laboratory Sinks (12 36 53)</b>		
Note: Includes cut out for sinks, and sink strainer assembly set.		
<b>12 36 53 00-0056 Polypropylene Laboratory Undermount Sink (12 36 53 00-0055)</b>		
12 36 53 00-0057 EA 12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink .....	697.25	113.37
12 36 53 00-0058 EA 12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink .....	738.56	113.37
12 36 53 00-0059 EA 14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink .....	728.40	113.37
12 36 53 00-0060 EA 16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink .....	765.04	122.91
12 36 53 00-0061 EA 16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink .....	962.21	122.91
12 36 53 00-0062 EA 17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink .....	972.50	122.91
12 36 53 00-0063 EA 18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink .....	972.50	122.91
12 36 53 00-0064 EA 24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink .....	1,040.54	131.38
12 36 53 00-0065 EA 25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink .....	1,092.67	131.38
12 36 53 00-0066 EA 23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink .....	1,040.54	131.38
12 36 53 00-0067 EA 30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink .....	1,663.25	131.38
12 36 53 00-0068 EA 31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink .....	1,654.00	131.38
12 36 53 00-0069 EA 42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink .....	2,958.38	134.56
<b>12 36 53 00-0070 Polypropylene Laboratory Drop-in Sink (12 36 53 00-0055)</b>		
12 36 53 00-0071 EA 11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink .....	593.51	113.37
12 36 53 00-0072 EA 12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink .....	985.35	113.37
12 36 53 00-0073 EA 12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink .....	634.78	113.37
12 36 53 00-0074 EA 14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink .....	624.65	113.37
12 36 53 00-0075 EA 17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink .....	868.74	122.91
12 36 53 00-0076 EA 16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink .....	661.26	122.91
12 36 53 00-0077 EA 18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink .....	868.74	122.91



**12 Furnishings**

12 30 Casework

12 36 Countertops



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
12 36 53 00-0078	EA	16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	847.88		122.91
12 36 53 00-0079	EA	18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	827.62		122.91
12 36 53 00-0080	EA	18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink.....	868.74		122.91
12 36 53 00-0081	EA	24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	936.78		131.38
12 36 53 00-0082	EA	25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink.....	988.89		131.38
12 36 53 00-0083	EA	31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink.....	1,497.83		131.38
12 36 53 00-0084	EA	12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink.....	551.95		112.31
<b>12 36 53 00-0085</b>		<b>Polypropylene Laboratory ADA Drop-in Sink</b> <small>(12 36 53 00-0055)</small>			
12 36 53 00-0086	EA	16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink .....	827.62		122.91
12 36 53 00-0087	EA	25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink .....	965.54		131.38
<b>12 36 53 00-0088</b>		<b>Polypropylene Laboratory Cup Sink</b> <small>(12 36 53 00-0055)</small>			
12 36 53 00-0089	EA	6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink.....	421.85		112.31
<b>12 36 53 00-0090</b>		<b>Phenolic Resin Laboratory Countertops</b> <small>(12 36 53)</small>			
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.			
12 36 53 00-0091	SF	3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	49.83		5.95
12 36 53 00-0092	SF	1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	56.44		5.95
12 36 53 00-0093	SF	1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	61.04		5.95
12 36 53 00-0094	LF	4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop .....	18.79		3.57
12 36 53 00-0095	LF	6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop .....	24.55		3.57
<b>12 36 53 00-0096</b>		<b>High Pressure Laminate Laboratory Countertops</b> <small>(12 36 53)</small>			
		Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.			
12 36 53 00-0097	SF	3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges .....	28.44		5.95
12 36 53 00-0098	SF	1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges .....	29.96		5.95
12 36 53 00-0099	SF	1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges.....	29.96		5.95
12 36 53 00-0100	LF	4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop .....	15.77		3.57
12 36 53 00-0101	LF	6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop .....	15.77		3.57
<b>12 36 61</b>		<b>Simulated Stone Countertops</b> <small>(12 36)</small>			
<b>12 36 61 16</b>		<b>Solid Surfacing Countertops</b> <small>(12 36 61)</small>			
<b>12 36 61 16-0001</b>		<b>Solid Surface Countertops</b> <small>(12 36 61 16)</small>			
<b>12 36 61 16-0002</b>		<b>Solid Surface Countertops</b> <small>(12 36 61 16-0001)</small>			
		Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.			
12 36 61 16-0003	SF	1/4" Thick, Solid Color, Solid Surface Backsplash.....	49.26		7.93
		Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.			
		For Up To 50, Add	16.23		
		For >50 To 100, Add	9.27		
12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash.....	77.14		11.89
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).			
		For Up To 50, Add	24.98		
		For >50 To 100, Add	14.69		
12 36 61 16-0005	SF	3/4" Thick, Solid Color, Solid Surface Countertop Without Backsplash.....	94.96		11.89
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).			
		For Up To 50, Add	31.21		
		For >50 To 100, Add	17.90		
12 36 61 16-0006	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash.....	84.27		11.89
		For Up To 50, Add	27.12		
		For >50 To 100, Add	16.12		
12 36 61 16-0007	LF	1/2" Thick, Solid Color, Solid Surface 4" End Splash For Solid Surface Countertops.....	28.46		5.05
12 36 61 16-0008	EA	Cutout For Undercounter Sink In Solid Surface Countertop .....	178.39		
		Note: Not including integral seamed sinks			
<b>12 36 61 16-0009</b>		<b>Integral Seamless Solid Surface Lavatory</b> <small>(12 36 61 16-0001)</small>			
		Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.			
12 36 61 16-0010	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810).....	296.17		
12 36 61 16-0011	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815).....	363.79		
12 36 61 16-0012	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816).....	276.50		
12 36 61 16-0013	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820).....	265.43		
12 36 61 16-0014	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830).....	363.79		
12 36 61 16-0015	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831).....	363.79		
12 36 61 16-0016	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835).....	363.79		
12 36 61 16-0017	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837).....	363.79		
<b>12 36 61 16-0018</b>		<b>Integral Seamless Solid Surface Kitchen Sink</b> <small>(12 36 61 16-0001)</small>			
		Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.			



		<b>Furnishings</b>	<b>12</b>
		Casework	12 30
		Countertops	12 36
			<b>12</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 36 61	16-0019	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink .....	386.53	
12 36 61	16-0020	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink .....	601.69	
12 36 61	16-0021	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink .....	773.81	
12 36 61	16-0022	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink .....	830.37	
12 36 61	16-0023	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink.....	830.37	

**12 36 61 19 Quartz Agglomerate Countertops (12 36 61)**

12 36 61	19-0001	Quartz Agglomerate Countertops (12 36 61 19)		
Note: Includes finished ends and all edge types such as bullnose, ogee, round-over (rounded), bevel, etc.				
12 36 61	19-0002	SF 3/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	116.96	26.17
12 36 61	19-0003	SF 1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash.....	142.45	26.17
12 36 61	19-0004	SF 3/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	130.56	30.45
12 36 61	19-0005	SF 1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash.....	156.03	30.45
12 36 61	19-0006	LF Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops.....	21.06	5.05
12 36 61	19-0007	EA Cutout For Sink And/or Faucet In Quartz Agglomerate Countertop.....	178.39	

**12 40 Furnishings and Accessories (12)**

**12 41 Office Accessories (12 40)**

**12 41 11 Office Accessories (12 41)**

12 41 11	00-0001	Wall Mounted Office Accessories (12 41 11)		
12 41 11	00-0002	EA Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK).....	25.74	3.94
12 41 11	00-0003	EA Wall Mounted Flag.....	18.93	3.94

**12 41 11 00-0004 Desk Edge Mounted Clamps (12 41 11)**

12 41 11	00-0005	EA Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels.....	41.44	
Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and tabletops, clamp adjusts to support 1/8" to 3/8" thick panels.				
			For >10 To 50, Deduct	-10.10
			For >50, Deduct	-16.16

**12 48 Rugs and Mats (12 40)**

**12 48 13 Entrance Floor Mats and Frames (12 48)**

**12 48 13 13 Entrance Floor Mats (12 48 13)**

12 48 13	13-0001	Floor Mats (12 48 13 13)		
12 48 13	13-0002	SF 3/8" Thick Solid Recessed Floor Mat.....	35.87	2.82
			For Colors, Add	6.05
12 48 13	13-0003	SF 1/2" Thick Solid Recessed Floor Mat.....	45.17	2.82
			For Colors, Add	7.91
12 48 13	13-0004	SF 3/8" Thick Perforated Recessed Floor Mat .....	38.20	2.82
			For Colors, Add	6.51
12 48 13	13-0005	SF 1/2" Thick Perforated Recessed Floor Mat .....	47.50	2.82
			For Colors, Add	8.37

**12 48 13 13-0006 Link Mats (12 48 13 13)**

Note: Includes nosing.				
12 48 13	13-0007	SF 3/8" Link Mats, Aluminum .....	50.03	2.82
12 48 13	13-0008	SF Black Rubber Link Mats With Galvanized Tie Rods.....	37.61	2.82
12 48 13	13-0009	SF 3/8" Thick, Galvanized Steel Link Mats.....	24.71	2.82
12 48 13	13-0010	SF Vinyl Link Mats, Color .....	41.07	2.82
12 48 13	13-0011	LF Rubber Nosing.....	4.88	1.24

**12 48 13 13-0012 Duckboard (12 48 13 13)**

12 48 13	13-0013	SF Aluminum Slats.....	72.04	3.09
12 48 13	13-0014	SF Hardwood Strips On Rubber Base.....	15.43	3.09
12 48 13	13-0015	SF Assembled With Brass Rods And Vinyl Spacers .....	16.79	3.09
12 48 13	13-0016	SF Tire Fabric, 3/4" Thick.....	23.99	3.09
12 48 13	13-0017	SF Vinyl, 36" Wide, Hollow Top And Bottom .....	22.26	3.09
12 48 13	13-0018	SF Vinyl, 36" Wide, Solid Top And Bottom.....	34.96	3.09

**12 48 13 16 Entrance Floor Mat Frames (12 48 13)**

12 48 13	16-0001	Recessed Frames (12 48 13 16)		
12 48 13	16-0002	LF Aluminum Recessed Embedded Frame .....	30.42	4.76
12 48 13	16-0003	LF Bronze Recessed Embedded Frame.....	19.65	4.76

**12 50 Furniture (12)**

**12 Furnishings****12 50 Furniture****12 56 Institutional Furniture**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**12 56 Institutional Furniture** (12 50)**12 56 33 Classroom Furniture** (12 56)**12 56 33 00-0001 Multimedia Lectern For Overhead Projectors** (12 56 33)

12 56 33 00-0002	EA	30" x 48" x 42" Multimedia Lectern, Locking Doors With Casters .....	6,546.19	29.74
Note: Cutout on right for overhead projectors.				

**12 56 33 00-0003 Student Workstations With Viewport** (12 56 33)

12 56 33 00-0004	EA	Student Workstation, Right Viewport, For Left Handed Mouse Users .....	2,430.46	29.74
12 56 33 00-0005	EA	Student Workstation, Left Viewport, For Right Handed Mouse Users .....	2,430.46	29.74

**12 56 33 00-0006 Workstation Seating** (12 56 33)

12 56 33 00-0007	EA	Student Workstation Chair, Acme Screw, Oversized Glide.....	486.91	17.84
Note: Tamper proof controls.				

**12 56 33 00-0008 Computer Seating** (12 56 33)

12 56 33 00-0009	EA	Fixed Perimeter Computer Station Chair, Acme Screw .....	582.62	17.84
Note: Locking casters when seat is occupied.				

**12 56 33 00-0010 Preparation/Demonstration Table Chair** (12 56 33)

12 56 33 00-0011	EA	Teacher Preparation/Demonstration Table Chair, Locking Casters.....	733.03	17.84
Note: Pneumatic adjuster, tamper proof.				

12 56 33 00-0012	EA	Compact Demonstration Table (5').....	6,524.40	136.77
Note: Price includes upright rods and crossbar, cutout for receptacle, finished back on cabinets, drawers, cabinet and associated hardware, including a lock on the top right drawer. Price does not include epoxy resin counter, faucet, plumbing hardware, electrical devices, gas cock, plumbing piping and electrical wiring.				

<i>For Desk Attachment complete with drawers and finished back, Add</i>			300.00	
<i>For Each Additional Lock, Add</i>			35.00	

**12 56 53 Laboratory Furniture** (12 56)**12 56 53 00-0001 Steel Laboratory Furniture** (12 56 53)**12 56 53 00-0002 Modular Steel Laboratory Cabinets** (12 56 53 00-0001)**12 56 53 00-0003 29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets** (12 56 53 00-0002)

12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,144.97	102.79
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,142.65	102.79
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,249.55	112.19
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,186.92	112.19
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,410.74	126.59
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,455.96	130.75
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,605.79	144.20
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,668.00	149.79
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,619.93	145.39
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,625.60	145.98
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,718.88	154.32
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,682.09	150.99
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,247.61	201.78
12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,289.65	205.59
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,527.42	226.89
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,567.28	230.46
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet.....	2,352.35	211.18
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet.....	2,617.78	235.10
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet.....	2,538.92	235.10
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,376.85	212.97
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,355.98	212.97
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,544.40	228.44
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,525.92	228.08
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,764.24	247.95
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,846.83	255.56
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	3,115.22	279.60
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	3,188.44	286.26
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,660.34	238.78
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,502.02	224.63
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,827.11	253.78
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,688.58	241.40
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,016.73	270.79
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,016.73	270.79
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,301.73	296.38
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,183.35	285.79
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,697.88	331.95
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,711.80	332.07
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	4,031.53	361.93
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	4,071.11	365.50



		<b>Furnishings</b>	<b>12</b>
		Furniture	12 50
		Institutional Furniture	12 56

12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0043	EA		24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,526.24	406.31
12 56 53 00-0044	EA		30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,667.65	419.04
12 56 53 00-0045	EA		36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,425.70	418.80
12 56 53 00-0046	EA		42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,947.33	444.14
12 56 53 00-0047	EA		48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,834.33	434.02
12 56 53 00-0048	EA		15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,148.58	192.87
12 56 53 00-0049	EA		18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,090.59	193.34
12 56 53 00-0050	EA		21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,241.87	201.19
12 56 53 00-0051	EA		24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,183.89	201.19
12 56 53 00-0052	EA		32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet.....	3,010.81	270.32
12 56 53 00-0053	EA		32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet.....	2,603.74	233.67
<b>12 56 53 00-0054</b>			<b>35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets <small>(12 56 53 00-0002)</small></b>		
12 56 53 00-0055	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,198.69	107.68
12 56 53 00-0056	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,191.73	107.68
12 56 53 00-0057	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,266.57	113.75
12 56 53 00-0058	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,224.15	110.05
12 56 53 00-0059	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,450.31	130.28
12 56 53 00-0060	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,520.99	136.23
12 56 53 00-0061	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,622.76	145.75
12 56 53 00-0062	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,684.96	151.70
12 56 53 00-0063	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,699.11	152.29
12 56 53 00-0064	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,699.11	152.29
12 56 53 00-0065	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,803.69	161.81
12 56 53 00-0066	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,780.95	164.19
12 56 53 00-0067	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,354.97	211.18
12 56 53 00-0068	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,417.17	216.54
12 56 53 00-0069	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,598.15	233.20
12 56 53 00-0070	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,657.49	238.55
12 56 53 00-0071	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet.....	2,617.93	234.98
12 56 53 00-0072	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet.....	2,691.44	241.52
12 56 53 00-0073	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	2,872.14	257.58
12 56 53 00-0074	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	3,103.85	278.41
12 56 53 00-0075	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet.....	3,083.28	278.41
12 56 53 00-0076	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,824.28	252.82
12 56 53 00-0077	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	1,533.48	254.01
12 56 53 00-0078	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,968.45	266.51
12 56 53 00-0079	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	2,919.74	266.51
12 56 53 00-0080	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	3,270.94	293.64
12 56 53 00-0081	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	3,401.03	305.29
12 56 53 00-0082	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	3,612.39	324.34
12 56 53 00-0083	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet.....	3,697.88	331.95
12 56 53 00-0084	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,011.10	270.08
12 56 53 00-0085	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,217.18	288.52
12 56 53 00-0086	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,236.80	290.31
12 56 53 00-0087	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,361.38	301.61
12 56 53 00-0088	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	3,881.62	348.60
12 56 53 00-0089	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	4,014.46	360.50
12 56 53 00-0090	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	4,215.07	378.34
12 56 53 00-0091	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet.....	4,218.16	378.34
12 56 53 00-0092	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,715.66	423.56
12 56 53 00-0093	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,754.94	426.54
12 56 53 00-0094	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	4,851.81	435.45
12 56 53 00-0095	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	5,116.65	459.85
12 56 53 00-0096	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	5,133.14	461.04
12 56 53 00-0097	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,207.63	467.46
12 56 53 00-0098	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,453.45	489.59
12 56 53 00-0099	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,557.99	498.99
12 56 53 00-0100	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,699.36	511.61
12 56 53 00-0101	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,855.14	525.64
12 56 53 00-0102	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,193.92	196.90
12 56 53 00-0103	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,233.30	200.48
12 56 53 00-0104	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,241.87	201.07
12 56 53 00-0105	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,292.54	205.83
12 56 53 00-0106	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,016.73	270.79
12 56 53 00-0107	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,107.22	278.88
12 56 53 00-0108	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,327.36	298.75
12 56 53 00-0109	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,375.31	302.80
12 56 53 00-0110	EA		32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet.....	3,129.99	280.78
12 56 53 00-0111	EA		32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet.....	2,903.98	260.56
12 56 53 00-0112	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,540.76	138.37
12 56 53 00-0113	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,560.56	140.03
12 56 53 00-0114	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,625.60	145.75
12 56 53 00-0115	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,631.24	146.35
12 56 53 00-0116	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,134.50	191.67
12 56 53 00-0117	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,182.56	195.96
12 56 53 00-0118	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,326.67	208.81
12 56 53 00-0119	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,335.16	209.63





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

12 56 53 00-0120	EA	52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,697.03	242.11
12 56 53 00-0121	EA	58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,968.45	266.51
12 56 53 00-0122	EA	60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	3,104.16	278.64

**12 56 53 00-0123 25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets** (12 56 53 00-0002)

12 56 53 00-0124	EA	15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,139.32	102.32
12 56 53 00-0125	EA	18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,176.06	105.53
12 56 53 00-0126	EA	21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,184.55	106.37
12 56 53 00-0127	EA	24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,215.66	109.10
12 56 53 00-0128	EA	30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,272.21	114.22
12 56 53 00-0129	EA	36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,300.47	116.71
12 56 53 00-0130	EA	42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,416.37	127.18
12 56 53 00-0131	EA	48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,433.35	128.61
12 56 53 00-0132	EA	15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,684.96	151.22
12 56 53 00-0133	EA	18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,727.35	155.03
12 56 53 00-0134	EA	21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,766.94	158.59
12 56 53 00-0135	EA	24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,803.69	161.93
12 56 53 00-0136	EA	30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,193.87	196.90
12 56 53 00-0137	EA	36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,222.14	199.53
12 56 53 00-0138	EA	42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,422.81	217.49
12 56 53 00-0139	EA	48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,431.31	218.32
12 56 53 00-0140	EA	15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,970.48	176.92
12 56 53 00-0141	EA	18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,035.51	182.75
12 56 53 00-0142	EA	21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,069.41	185.72
12 56 53 00-0143	EA	24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,106.18	189.05
12 56 53 00-0144	EA	30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,951.50	264.96
12 56 53 00-0145	EA	36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,010.91	270.32
12 56 53 00-0146	EA	42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,186.12	286.02
12 56 53 00-0147	EA	48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,242.69	291.14
12 56 53 00-0148	EA	25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,697.03	242.11
12 56 53 00-0149	EA	28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,985.45	268.05

**12 56 53 00-0150 31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets** (12 56 53 00-0002)

12 56 53 00-0151	EA	15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,243.93	111.84
12 56 53 00-0152	EA	18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,280.69	114.81
12 56 53 00-0153	EA	21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,286.33	115.41
12 56 53 00-0154	EA	24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,300.47	116.59
12 56 53 00-0155	EA	30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,382.47	124.33
12 56 53 00-0156	EA	36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,422.04	127.30
12 56 53 00-0157	EA	42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,687.78	151.70
12 56 53 00-0158	EA	48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,724.55	154.67
12 56 53 00-0159	EA	15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,755.65	157.65
12 56 53 00-0160	EA	18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,800.85	161.81
12 56 53 00-0161	EA	21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,831.98	164.78
12 56 53 00-0162	EA	24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,919.62	171.92
12 56 53 00-0163	EA	30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,371.97	212.97
12 56 53 00-0164	EA	36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,405.87	215.95
12 56 53 00-0165	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,674.40	240.33
12 56 53 00-0166	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,728.11	245.09
12 56 53 00-0167	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,089.21	187.39
12 56 53 00-0168	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,151.45	192.75
12 56 53 00-0169	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,182.50	195.71
12 56 53 00-0170	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,239.08	201.07
12 56 53 00-0171	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,047.63	273.05
12 56 53 00-0172	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,135.28	281.38
12 56 53 00-0173	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,652.57	327.78
12 56 53 00-0174	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,472.32	290.90
12 56 53 00-0175	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,985.35	268.29
12 56 53 00-0176	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,553.66	319.45

**12 56 53 00-0177 Wood Laboratory Furniture** (12 56 53)

Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.

**12 56 53 00-0178 Wood Laboratory Cabinets** (12 56 53 00-0178)

**12 56 53 00-0179 28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets** (12 56 53 00-0179)

12 56 53 00-0180	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	893.48	93.99
12 56 53 00-0181	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	922.46	96.97
12 56 53 00-0182	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	951.42	99.95
12 56 53 00-0183	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	980.39	103.51
12 56 53 00-0184	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,089.11	114.81
12 56 53 00-0185	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,161.55	121.95
12 56 53 00-0186	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,214.68	127.30



		<b>Furnishings</b>	<b>12</b>
		Furniture	12 50
		Institutional Furniture	12 56

12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0187	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet .....	1,279.88	134.45
12 56 53 00-0188	EA		15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,086.69	114.22
12 56 53 00-0189	EA		18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,125.33	118.38
12 56 53 00-0190	EA		21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,149.47	120.76
12 56 53 00-0191	EA		24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,180.84	124.33
12 56 53 00-0192	EA		30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,518.98	159.43
12 56 53 00-0193	EA		36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,612.87	169.55
12 56 53 00-0194	EA		42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,666.24	174.90
12 56 53 00-0195	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,731.66	182.04
12 56 53 00-0196	EA		15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,596.05	167.75
12 56 53 00-0197	EA		18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,651.96	173.70
12 56 53 00-0198	EA		21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,695.24	178.46
12 56 53 00-0199	EA		24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,753.26	183.82
12 56 53 00-0200	EA		15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,622.79	170.14
12 56 53 00-0201	EA		18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,687.99	177.87
12 56 53 00-0202	EA		21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,736.29	182.63
12 56 53 00-0203	EA		24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,791.84	188.58
12 56 53 00-0204	EA		30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,538.07	266.51
12 56 53 00-0205	EA		36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,690.07	282.57
12 56 53 00-0206	EA		42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,745.57	288.52
12 56 53 00-0207	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,854.32	299.83
12 56 53 00-0208	EA		30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	2,907.49	305.17
12 56 53 00-0209	EA		36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	3,042.68	320.05
12 56 53 00-0210	EA		42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	3,131.93	329.57
12 56 53 00-0211	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	3,240.67	340.87
12 56 53 00-0212	EA		15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet .....	1,202.57	126.71
12 56 53 00-0213	EA		18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet .....	1,246.05	131.47
12 56 53 00-0214	EA		21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet .....	1,272.62	133.84
12 56 53 00-0215	EA		24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet .....	1,308.85	137.42
12 56 53 00-0216	EA		30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base .....	1,941.52	204.05
12 56 53 00-0217	EA		36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base .....	2,030.88	213.45
12 56 53 00-0218	EA		42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base .....	2,088.82	219.51
12 56 53 00-0219	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base .....	2,163.72	227.37
12 56 53 00-0220	EA		35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet .....	2,535.58	266.51
12 56 53 00-0221	EA		35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet .....	2,810.81	295.66
12 56 53 00-0222	EA		15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	990.08	104.10
12 56 53 00-0223	EA		18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,021.48	107.31
12 56 53 00-0224	EA		21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,040.78	109.34
12 56 53 00-0225	EA		24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,064.94	111.95
12 56 53 00-0226	EA		30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,364.38	143.37
12 56 53 00-0227	EA		36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,434.40	150.74
12 56 53 00-0228	EA		42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,475.46	155.03
12 56 53 00-0229	EA		48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet .....	1,518.91	159.67
<b>12 56 53 00-0230</b>			<b>30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets <small>(12 56 53 00-0178)</small></b>		
12 56 53 00-0231	EA		15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,062.54	111.84
			<i>For 36" Height Cabinet, Add</i>	155.25	
12 56 53 00-0232	EA		18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,103.58	115.41
			<i>For 36" Height Cabinet, Add</i>	161.25	
12 56 53 00-0233	EA		21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,132.56	118.98
			<i>For 36" Height Cabinet, Add</i>	165.48	
12 56 53 00-0234	EA		24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,033.54	108.27
			<i>For 36" Height Cabinet, Add</i>	151.02	
12 56 53 00-0235	EA		30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,188.12	124.93
			<i>For 36" Height Cabinet, Add</i>	173.60	
12 56 53 00-0236	EA		36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,287.13	135.04
			<i>For 36" Height Cabinet, Add</i>	188.07	
12 56 53 00-0237	EA		42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,345.07	141.58
			<i>For 36" Height Cabinet, Add</i>	196.53	
12 56 53 00-0238	EA		48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,424.77	149.31
			<i>For 36" Height Cabinet, Add</i>	208.18	
12 56 53 00-0239	EA		15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,166.38	122.54
			<i>For 36" Height Cabinet, Add</i>	170.42	
12 56 53 00-0240	EA		18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,219.50	128.50
			<i>For 36" Height Cabinet, Add</i>	178.19	
12 56 53 00-0241	EA		21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	2,785.40	1,344.44
			<i>For 36" Height Cabinet, Add</i>	18.66	
12 56 53 00-0242	EA		24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,311.26	137.42
			<i>For 36" Height Cabinet, Add</i>	191.60	
12 56 53 00-0243	EA		30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,714.57	180.25
			<i>For 36" Height Cabinet, Add</i>	250.52	
12 56 53 00-0244	EA		36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,847.37	193.93
			<i>For 36" Height Cabinet, Add</i>	269.93	
12 56 53 00-0245	EA		42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	1,931.88	203.45
			<i>For 36" Height Cabinet, Add</i>	282.28	
12 56 53 00-0246	EA		48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet .....	2,033.28	213.56
			<i>For 36" Height Cabinet, Add</i>	297.10	
12 56 53 00-0247	EA		15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,306.42	137.42
			<i>For 36" Height Cabinet, Add</i>	190.89	
12 56 53 00-0248	EA		18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,357.15	142.77
			<i>For 36" Height Cabinet, Add</i>	198.30	



**12 Furnishings****12 50 Furniture****12 56 Institutional Furniture**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0249 EA 21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,395.77 203.94	146.35
12 56 53 00-0250 EA 24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,448.90 211.71	152.29
12 56 53 00-0251 EA 30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,997.07 291.80	210.00
12 56 53 00-0252 EA 36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,125.08 310.50	223.08
12 56 53 00-0253 EA 42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,182.97 318.97	229.62
12 56 53 00-0254 EA 48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,315.81 338.38	243.31
12 56 53 00-0255 EA 30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,787.04 261.11	187.39
12 56 53 00-0256 EA 36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,929.20 281.92	202.86
12 56 53 00-0257 EA 42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,059.74 300.98	216.54
12 56 53 00-0258 EA 48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,204.64 322.15	232.01
12 56 53 00-0259 EA 30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,159.14 315.44	226.65
12 56 53 00-0260 EA 36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,294.31 335.20	240.93
12 56 53 00-0261 EA 42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,366.52 345.79	248.67
12 56 53 00-0262 EA 48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,496.89 364.84	262.35
12 56 53 00-0263 EA 23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,632.41 384.60	276.62
12 56 53 00-0264 EA 23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,740.74 400.48	288.52
<b>12 56 53 00-0265 30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets (12 56 53 00-0178)</b>		
12 56 53 00-0266 EA 30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,313.68 191.95	138.01
12 56 53 00-0267 EA 36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,439.25 210.30	151.10
12 56 53 00-0268 EA 42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,509.28 220.53	158.84
12 56 53 00-0269 EA 48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,603.48 234.29	167.75
12 56 53 00-0270 EA 15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,221.92 178.54	128.50
12 56 53 00-0271 EA 18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,287.13 188.07	135.64
12 56 53 00-0272 EA 21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,325.70 193.71	139.79
12 56 53 00-0273 EA 24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,381.29 201.83	144.55
12 56 53 00-0274 EA 30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,813.60 264.99	190.36
12 56 53 00-0275 EA 36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,968.12 287.57	206.42
12 56 53 00-0276 EA 42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,055.04 300.27	216.54
12 56 53 00-0277 EA 48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,170.91 317.21	227.84
12 56 53 00-0278 EA 15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,366.80 199.71	143.96
12 56 53 00-0279 EA 18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,407.87 205.71	148.13
12 56 53 00-0280 EA 21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,453.72 212.41	152.29
12 56 53 00-0281 EA 24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,528.59 223.35	160.62
12 56 53 00-0282 EA 30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,084.03 304.50	218.91
12 56 53 00-0283 EA 36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,248.25 328.50	236.17
12 56 53 00-0284 EA 42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,318.19 338.73	243.91
12 56 53 00-0285 EA 48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,467.96 360.61	259.37
12 56 53 00-0286 EA 30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,871.57 273.45	196.31
12 56 53 00-0287 EA 36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,069.26 302.39	217.73
12 56 53 00-0288 EA 42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,173.23 317.56	228.44
12 56 53 00-0289 EA 48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,323.21 339.44	244.50



		<b>Furnishings</b>	<b>12</b>
		Furniture	12 50
		Institutional Furniture	12 56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0290	EA		30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,255.79	236.76
			<i>For 36" Height Cabinet, Add</i>	329.56	
12 56 53 00-0291	EA		36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,398.15	251.64
			<i>For 36" Height Cabinet, Add</i>	350.38	
12 56 53 00-0292	EA		42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,494.53	262.35
			<i>For 36" Height Cabinet, Add</i>	364.49	
12 56 53 00-0293	EA		48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,629.68	276.02
			<i>For 36" Height Cabinet, Add</i>	384.25	
12 56 53 00-0294	EA		26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet.....	2,755.56	289.71
			<i>For 36" Height Cabinet, Add</i>	402.60	
12 56 53 00-0295	EA		26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet.....	2,844.51	299.22
			<i>For 36" Height Cabinet, Add</i>	415.65	
12 56 53 00-0296			<b>Plastic Laminate Laboratory Furniture</b> <small>(12 56 53)</small>		
12 56 53 00-0297			<b>Plastic Laminate Laboratory Cabinets</b> <small>(12 56 53 00-0296)</small>		
12 56 53 00-0298			<b>28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet</b> <small>(12 56 53 00-0297)</small>		
12 56 53 00-0299	EA		15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	874.37	93.88
12 56 53 00-0300	EA		18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	902.73	96.97
12 56 53 00-0301	EA		21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	931.07	99.95
12 56 53 00-0302	EA		24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	959.42	103.04
12 56 53 00-0303	EA		30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,065.82	114.46
12 56 53 00-0304	EA		36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,136.70	122.07
12 56 53 00-0305	EA		42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,188.70	127.66
12 56 53 00-0306	EA		48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,252.51	134.56
12 56 53 00-0307	EA		15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,063.45	114.22
12 56 53 00-0308	EA		18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,101.26	118.26
12 56 53 00-0309	EA		21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,124.89	120.76
12 56 53 00-0310	EA		24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,155.58	124.09
12 56 53 00-0311	EA		30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,486.50	159.67
12 56 53 00-0312	EA		36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,578.37	169.42
12 56 53 00-0313	EA		42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,630.60	175.13
12 56 53 00-0314	EA		48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,694.63	182.04
12 56 53 00-0315	EA		15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,561.91	167.64
12 56 53 00-0316	EA		18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,616.64	173.70
12 56 53 00-0317	EA		21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,658.99	178.23
12 56 53 00-0318	EA		24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,715.76	184.29
12 56 53 00-0319	EA		15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,588.08	170.49
12 56 53 00-0320	EA		18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,651.89	177.40
12 56 53 00-0321	EA		21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,699.15	182.51
12 56 53 00-0322	EA		24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,753.52	188.34
12 56 53 00-0323	EA		15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,271.14	114.22
12 56 53 00-0324	EA		18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,317.49	118.38
12 56 53 00-0325	EA		21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,345.64	120.76
12 56 53 00-0326	EA		24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,382.26	124.33
12 56 53 00-0327	EA		30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,010.77	215.95
12 56 53 00-0328	EA		36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,160.00	232.01
12 56 53 00-0329	EA		42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,213.72	237.96
12 56 53 00-0330	EA		48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,320.45	249.26
12 56 53 00-0331	EA		15" Wide Cabinet, 1 Drawer Over Cupboard.....	1,176.85	126.36
12 56 53 00-0332	EA		18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets.....	1,219.40	131.00
12 56 53 00-0333	EA		21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,245.40	133.73
12 56 53 00-0334	EA		24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,280.86	137.54
12 56 53 00-0335	EA		30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,899.99	204.05
12 56 53 00-0336	EA		36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,987.45	213.45
12 56 53 00-0337	EA		42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	2,044.14	219.51
12 56 53 00-0338	EA		48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	2,117.45	227.37
12 56 53 00-0339	EA		22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet.....	2,481.45	266.51
12 56 53 00-0340	EA		22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet.....	2,750.69	295.42
12 56 53 00-0341	EA		15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	968.90	104.10
12 56 53 00-0342	EA		18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	999.63	107.31
12 56 53 00-0343	EA		21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,018.52	109.34
12 56 53 00-0344	EA		24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,042.16	111.95
12 56 53 00-0345	EA		30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,335.20	143.37
12 56 53 00-0346	EA		36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,403.72	150.74
12 56 53 00-0347	EA		42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,443.90	155.03
12 56 53 00-0348	EA		48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,486.43	159.67
12 56 53 00-0349			<b>30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet</b> <small>(12 56 53 00-0297)</small>		
12 56 53 00-0350	EA		15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,039.81	111.72
			<i>For 36" Height Cabinet, Add</i>	151.05	
12 56 53 00-0351	EA		18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,079.98	116.00
			<i>For 36" Height Cabinet, Add</i>	156.88	
12 56 53 00-0352	EA		21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,108.34	118.98
			<i>For 36" Height Cabinet, Add</i>	161.00	
12 56 53 00-0353	EA		24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,011.44	108.62
			<i>For 36" Height Cabinet, Add</i>	146.93	

**12 Furnishings****12 50 Furniture****12 56 Institutional Furniture**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0354	EA		30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet .....	1,162.71	124.93
			<i>For 36" Height Cabinet, Add</i>	168.90	
12 56 53 00-0355	EA		36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet .....	1,259.60	135.27
			<i>For 36" Height Cabinet, Add</i>	182.97	
12 56 53 00-0356	EA		42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet .....	1,316.30	141.34
			<i>For 36" Height Cabinet, Add</i>	191.21	
12 56 53 00-0357	EA		48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet .....	1,394.30	149.79
			<i>For 36" Height Cabinet, Add</i>	202.54	
12 56 53 00-0358	EA		15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,141.44	122.54
			<i>For 36" Height Cabinet, Add</i>	165.81	
12 56 53 00-0359	EA		18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,193.42	128.14
			<i>For 36" Height Cabinet, Add</i>	173.36	
12 56 53 00-0360	EA		21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,782.67	1,342.30
			<i>For 36" Height Cabinet, Add</i>	18.16	
12 56 53 00-0361	EA		24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,283.21	137.78
			<i>For 36" Height Cabinet, Add</i>	186.41	
12 56 53 00-0362	EA		30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,677.90	180.25
			<i>For 36" Height Cabinet, Add</i>	243.74	
12 56 53 00-0363	EA		36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,807.86	194.17
			<i>For 36" Height Cabinet, Add</i>	262.62	
12 56 53 00-0364	EA		42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,890.56	202.97
			<i>For 36" Height Cabinet, Add</i>	274.63	
12 56 53 00-0365	EA		48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,989.79	213.68
			<i>For 36" Height Cabinet, Add</i>	289.05	
12 56 53 00-0366	EA		15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,278.48	137.30
			<i>For 36" Height Cabinet, Add</i>	185.72	
12 56 53 00-0367	EA		18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,328.12	142.65
			<i>For 36" Height Cabinet, Add</i>	192.93	
12 56 53 00-0368	EA		21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,365.92	146.70
			<i>For 36" Height Cabinet, Add</i>	198.42	
12 56 53 00-0369	EA		24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,417.91	152.29
			<i>For 36" Height Cabinet, Add</i>	205.97	
12 56 53 00-0370	EA		30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,954.36	209.88
			<i>For 36" Height Cabinet, Add</i>	283.90	
12 56 53 00-0371	EA		36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,079.63	223.32
			<i>For 36" Height Cabinet, Add</i>	302.10	
12 56 53 00-0372	EA		42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,136.28	229.39
			<i>For 36" Height Cabinet, Add</i>	310.33	
12 56 53 00-0373	EA		48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,266.28	243.42
			<i>For 36" Height Cabinet, Add</i>	329.21	
12 56 53 00-0374	EA		30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	1,748.82	187.86
			<i>For 36" Height Cabinet, Add</i>	254.03	
12 56 53 00-0375	EA		36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	1,887.93	202.62
			<i>For 36" Height Cabinet, Add</i>	274.29	
12 56 53 00-0376	EA		42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,015.69	216.42
			<i>For 36" Height Cabinet, Add</i>	292.83	
12 56 53 00-0377	EA		48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,157.48	231.89
			<i>For 36" Height Cabinet, Add</i>	313.42	
12 56 53 00-0378	EA		30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet .....	2,112.97	227.01
			<i>For 36" Height Cabinet, Add</i>	306.90	
12 56 53 00-0379	EA		36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet .....	2,245.24	241.17
			<i>For 36" Height Cabinet, Add</i>	326.13	
12 56 53 00-0380	EA		42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet .....	2,315.90	248.67
			<i>For 36" Height Cabinet, Add</i>	336.42	
12 56 53 00-0381	EA		48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet .....	2,443.48	262.35
			<i>For 36" Height Cabinet, Add</i>	354.96	
12 56 53 00-0382			<b>30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet</b> <small>(12 56 53 00-0297)</small>		
12 56 53 00-0383	EA		15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,195.78	128.38
			<i>For 36" Height Cabinet, Add</i>	173.70	
12 56 53 00-0384	EA		18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,259.60	135.27
			<i>For 36" Height Cabinet, Add</i>	182.97	
12 56 53 00-0385	EA		21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,297.35	139.32
			<i>For 36" Height Cabinet, Add</i>	188.47	
12 56 53 00-0386	EA		24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,351.75	145.15
			<i>For 36" Height Cabinet, Add</i>	196.36	
12 56 53 00-0387	EA		30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,774.81	190.60
			<i>For 36" Height Cabinet, Add</i>	257.81	
12 56 53 00-0388	EA		36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,926.02	206.90
			<i>For 36" Height Cabinet, Add</i>	279.78	
12 56 53 00-0389	EA		42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,011.08	215.95
			<i>For 36" Height Cabinet, Add</i>	292.14	
12 56 53 00-0390	EA		48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,124.47	228.08
			<i>For 36" Height Cabinet, Add</i>	308.62	
12 56 53 00-0391	EA		15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,337.56	143.61
			<i>For 36" Height Cabinet, Add</i>	194.30	
12 56 53 00-0392	EA		18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,377.76	148.01
			<i>For 36" Height Cabinet, Add</i>	200.14	
12 56 53 00-0393	EA		21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,422.62	152.77
			<i>For 36" Height Cabinet, Add</i>	206.66	
12 56 53 00-0394	EA		24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,495.90	160.62
			<i>For 36" Height Cabinet, Add</i>	217.30	



	<b>Furnishings</b>	<b>12</b>
	Furniture	12 50
	Institutional Furniture	12 56

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0395	EA		30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,039.46 296.26	219.04
12 56 53 00-0396	EA		36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,200.16 319.60	236.29
12 56 53 00-0397	EA		42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,268.61 329.56	243.54
12 56 53 00-0398	EA		48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,415.18 350.84	259.37
12 56 53 00-0399	EA		30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	1,831.55 266.05	196.67
12 56 53 00-0400	EA		36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,025.00 294.20	217.37
12 56 53 00-0401	EA		42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,126.75 308.96	228.32
12 56 53 00-0402	EA		48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,273.53 330.25	244.26
12 56 53 00-0403	EA		30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,207.55 320.63	237.24
12 56 53 00-0404	EA		36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,346.86 340.89	252.11
12 56 53 00-0405	EA		42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,441.18 354.62	262.10
12 56 53 00-0406	EA		48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet ..... <i>For 36" Height Cabinet, Add</i>	2,573.43 373.84	276.39

## 12 59 Systems Furniture (12 50)

### 12 59 13 Panel-Hung Component System Furniture (12 59)

#### 12 59 13 00-0001 Open Office Systems Furniture Components (12 59 13)

Note: Excludes electrical wire and wiring devices. See CSI section 26 05 19 13-0001 for wire, 26 05 19 16-0010 for wire, 26 27 26 00-0000 for wiring devices.

12 59 13 00-0002	EA		34H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	316.43 56.07 60.94 -24.38	29.09
12 59 13 00-0003	EA		34H 30W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	351.68 62.31 67.73 -27.09	32.37
12 59 13 00-0004	EA		34H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	376.04 66.63 72.42 -28.97	34.48
12 59 13 00-0005	EA		34H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	421.36 74.66 81.15 -32.46	38.71
12 59 13 00-0006	EA		42H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	321.47 56.96 61.91 -24.77	29.51
12 59 13 00-0007	EA		42H 30W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	363.42 64.40 70.00 -28.00	33.32
12 59 13 00-0008	EA		42H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	407.07 72.13 78.40 -31.36	37.44
12 59 13 00-0009	EA		42H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	478.43 84.77 92.15 -36.86	43.89
12 59 13 00-0010	EA		62H 12W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	309.70 54.88 59.65 -23.86	28.45
12 59 13 00-0011	EA		62H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	381.06 67.52 73.39 -29.36	35.00
12 59 13 00-0012	EA		62H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	476.78 84.48 91.82 -36.73	43.79
12 59 13 00-0013	EA		62H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	570.74 101.13 109.93 -43.97	52.36
12 59 13 00-0014	EA		34" Draw Rod Panel Connector Hardware .....	17.28	1.58
12 59 13 00-0015	EA		42" Draw Rod Panel Connector Hardware .....	17.28	1.58
12 59 13 00-0016	EA		62" Draw Rod Panel Connector Hardware .....	18.43	1.69
12 59 13 00-0017	EA		34" Two-Way 90 Degree Panel Connector Hardware.....	79.49	7.30



**12 Furnishings****12 50 Furniture****12 59 Systems Furniture**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0018	EA		42" Two-Way 90 Degree Panel Connector Hardware .....	92.16	8.47
12 59 13 00-0019	EA		62" Two-Way 90 Degree Panel Connector Hardware .....	105.99	9.73
12 59 13 00-0020	EA		34" Three-Way 90 Degree Panel Connector Hardware .....	123.27	11.31
12 59 13 00-0021	EA		42" Three-Way 90 Degree Panel Connector Hardware .....	142.85	13.12
12 59 13 00-0022	EA		62" Three-Way 90 Degree Panel Connector Hardware .....	165.89	15.23
12 59 13 00-0023	EA		34" Four-Way 90 Degree Panel Connector Hardware .....	155.54	14.28
12 59 13 00-0024	EA		42" Four-Way 90 Degree Panel Connector Hardware .....	182.02	16.71
12 59 13 00-0025	EA		62" Four-Way 90 Degree Panel Connector Hardware .....	218.89	20.10
12 59 13 00-0026	EA		34" Panel End Cap Hardware .....	26.50	2.44
12 59 13 00-0027	EA		42" Panel End Cap Hardware .....	29.96	2.75
12 59 13 00-0028	EA		62" Panel End Cap Hardware .....	32.25	2.96
12 59 13 00-0029	EA		28" Variable Height Panel End Filler .....	29.23	2.75
			Note: Field cut to appropriate length.		
12 59 13 00-0030	EA		Two-Way Trim Cover For Cable Management Raceway .....	15.04	1.37
12 59 13 00-0031	EA		Three-Way Trim Cover For Cable Management Raceway .....	15.86	1.48
12 59 13 00-0032	EA		Four-Way Trim Cover For Cable Management Raceway .....	18.36	1.69
12 59 13 00-0033	EA		Finished End Trim Cover For Cable Management Raceway .....	15.04	1.37
12 59 13 00-0034	EA		12" Cable Management Raceway Assembly .....	30.91	2.86
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0035	EA		24" Cable Management Raceway Assembly .....	35.08	3.17
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0036	EA		30" Cable Management Raceway Assembly .....	35.91	3.28
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0037	EA		36" Cable Management Raceway Assembly .....	40.10	3.70
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0038	EA		48" Cable Management Raceway Assembly .....	45.09	4.12
			Note: Includes base plate, two side covers, and 2 side cover fillers.		
12 59 13 00-0039	EA		24" x 36" Radiused Edge Rectangular Hanging Work Surface .....	242.56	22.21
12 59 13 00-0040	EA		30" x 36" Radiused Edge Rectangular Hanging Work Surface .....	298.80	27.39
12 59 13 00-0041	EA		24" x 48" Radiused Edge Rectangular Hanging Work Surface .....	282.03	25.92
12 59 13 00-0042	EA		30" x 48" Radiused Edge Rectangular Hanging Work Surface .....	352.54	32.37
12 59 13 00-0043	EA		24" x 60" Radiused Edge Rectangular Hanging Work Surface .....	355.88	32.68
12 59 13 00-0044	EA		30" x 60" Radiused Edge Rectangular Hanging Work Surface .....	448.23	41.24
12 59 13 00-0045	EA		24" x 72" Radiused Edge Rectangular Hanging Work Surface .....	432.26	39.66
12 59 13 00-0046	EA		30" x 72" Radiused Edge Rectangular Hanging Work Surface .....	543.02	49.82
12 59 13 00-0047	EA		30" x 60" Radiused Edge Table .....	964.64	88.63
12 59 13 00-0048	EA		30" x 72" Radiused Edge Table .....	1,054.17	96.88
12 59 13 00-0049	EA		14" x 24" Radiused Edge Transaction Surface .....	115.83	10.68
12 59 13 00-0050	EA		14" x 36" Radiused Edge Transaction Surface .....	131.77	12.06
12 59 13 00-0051	EA		14" x 48" Radiused Edge Transaction Surface .....	147.73	13.54
12 59 13 00-0052	EA		14" x 60" Radiused Edge Transaction Surface .....	183.81	16.92
12 59 13 00-0053	EA		14" x 72" Radiused Edge Transaction Surface .....	220.73	20.31
12 59 13 00-0054	EA		14" Right Angle Corner Transaction Surface .....	386.11	35.44
12 59 13 00-0055	EA		Transaction Surface Support .....	30.58	2.80
12 59 13 00-0056	EA		Plastic Pencil Drawer .....	33.38	2.75
12 59 13 00-0057	EA		15-1/2" x 24" Hanging Shelf .....	112.78	10.36
12 59 13 00-0058	EA		15-1/2" x 36" Hanging Shelf .....	122.78	11.21
12 59 13 00-0059	EA		15-1/2" x 48" Hanging Shelf .....	131.14	12.06
12 59 13 00-0060	EA		24" Flipper Door - Top And Front Closure .....	194.60	17.87
			Note: Used with hanging shelf.		
12 59 13 00-0061	EA		36" Flipper Door - Top And Front Closure .....	227.19	20.94
			Note: Used with hanging shelf.		
12 59 13 00-0062	EA		48" Flipper Door - Top And Front Closure .....	260.60	23.90
			Note: Used with hanging shelf.		
12 59 13 00-0063	EA		24" Suspended Lateral File, Lockable .....	670.99	61.29
12 59 13 00-0064	EA		30" Suspended Lateral File, Lockable .....	708.69	64.73
12 59 13 00-0065	EA		36" Suspended Lateral File, Lockable .....	747.77	68.30
12 59 13 00-0066	EA		48" Suspended Lateral File, Lockable .....	817.84	74.70
12 59 13 00-0067	EA		Fully Adjustable Vinyl Keyboard Tray .....	304.05	27.92
12 59 13 00-0068	EA		Palm Rest For Vinyl Keyboard Tray .....	47.60	4.44
12 59 13 00-0069	EA		24" x 36" Radiused Edge Corner Work Surface .....	384.12	35.32
12 59 13 00-0070	EA		File Drawer Organizer .....	123.62	11.31
12 59 13 00-0071	EA		Suspended Lateral File Converter Bracket .....	26.73	2.44
12 59 13 00-0072	EA		Utility Task Light .....	133.63	12.27

**12 59 13 00-0073 Disassemble And Store Systems Furniture Components (12 59 13)**

12 59 13 00-0074	EA		Disassemble And Store 34H 24W Fabric Covered Panel .....	36.35	
12 59 13 00-0075	EA		Disassemble And Store 34H 30W Fabric Covered Panel .....	40.39	
12 59 13 00-0076	EA		Disassemble And Store 34H 36W Fabric Covered Panel .....	43.19	
12 59 13 00-0077	EA		Disassemble And Store 34H 48W Fabric Covered Panel .....	48.39	
12 59 13 00-0078	EA		Disassemble And Store 42H 24W Fabric Covered Panel .....	36.92	
12 59 13 00-0079	EA		Disassemble And Store 42H 30W Fabric Covered Panel .....	41.74	
12 59 13 00-0080	EA		Disassemble And Store 42H 36W Fabric Covered Panel .....	46.76	
12 59 13 00-0081	EA		Disassemble And Store 42H 48W Fabric Covered Panel .....	54.95	
12 59 13 00-0082	EA		Disassemble And Store 62H 12W Fabric Covered Panel .....	35.58	
12 59 13 00-0083	EA		Disassemble And Store 62H 24W Fabric Covered Panel .....	43.77	
12 59 13 00-0084	EA		Disassemble And Store 62H 36W Fabric Covered Panel .....	54.76	
12 59 13 00-0085	EA		Disassemble And Store 62H 48W Fabric Covered Panel .....	65.56	
12 59 13 00-0086	EA		Disassemble And Store 34" Draw Rod Panel Connector Hardware .....	1.99	
12 59 13 00-0087	EA		Disassemble And Store 42" Draw Rod Panel Connector Hardware .....	1.99	
12 59 13 00-0088	EA		Disassemble And Store 62" Draw Rod Panel Connector Hardware .....	2.12	



	<b>Furnishings</b>	<b>12</b>
	Furniture	12 50
	Systems Furniture	12 59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0089 EA Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware .....	9.13	
12 59 13 00-0090 EA Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware .....	10.58	
12 59 13 00-0091 EA Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware .....	12.18	
12 59 13 00-0092 EA Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware .....	14.16	
12 59 13 00-0093 EA Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware .....	16.41	
12 59 13 00-0094 EA Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware .....	19.06	
12 59 13 00-0095 EA Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware .....	17.86	
12 59 13 00-0096 EA Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware .....	20.91	
12 59 13 00-0097 EA Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware .....	25.14	
12 59 13 00-0098 EA Disassemble And Store 34" Panel End Cap Hardware .....	3.04	
12 59 13 00-0099 EA Disassemble And Store 42" Panel End Cap Hardware .....	3.44	
12 59 13 00-0100 EA Disassemble And Store 62" Panel End Cap Hardware .....	3.70	
12 59 13 00-0101 EA Disassemble And Store Variable Height Panel End Filler .....	3.36	
12 59 13 00-0102 EA Disassemble And Store Two-Way Trim Cover For Cable Management Raceway .....	1.73	
12 59 13 00-0103 EA Disassemble And Store Three-Way Trim Cover For Cable Management Raceway .....	1.83	
12 59 13 00-0104 EA Disassemble And Store Four-Way Trim Cover For Cable Management Raceway .....	2.11	
12 59 13 00-0105 EA Disassemble And Store Finished End Trim Cover For Cable Management Raceway .....	1.73	
12 59 13 00-0106 EA Disassemble And Store 12" Cable Management Raceway Assembly .....	3.55	
12 59 13 00-0107 EA Disassemble And Store 24" Cable Management Raceway Assembly .....	4.03	
12 59 13 00-0108 EA Disassemble And Store 30" Cable Management Raceway Assembly .....	4.12	
12 59 13 00-0109 EA Disassemble And Store 36" Cable Management Raceway Assembly .....	4.60	
12 59 13 00-0110 EA Disassemble And Store 48" Cable Management Raceway Assembly .....	5.18	
12 59 13 00-0111 EA Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface .....	27.86	
12 59 13 00-0112 EA Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface .....	34.32	
12 59 13 00-0113 EA Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface .....	32.40	
12 59 13 00-0114 EA Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface .....	40.49	
12 59 13 00-0115 EA Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface .....	40.88	
12 59 13 00-0116 EA Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface .....	51.48	
12 59 13 00-0117 EA Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface .....	49.65	
12 59 13 00-0118 EA Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface .....	62.38	
12 59 13 00-0119 EA Disassemble And Store 30" x 60" Radiused Edge Table .....	96.33	
12 59 13 00-0120 EA Disassemble And Store 30" x 72" Radiused Edge Table .....	121.06	
12 59 13 00-0121 EA Disassemble And Store 14" x 24" Radiused Edge Transaction Surface .....	13.30	
12 59 13 00-0122 EA Disassemble And Store 14" x 36" Radiused Edge Transaction Surface .....	15.13	
12 59 13 00-0123 EA Disassemble And Store 14" x 48" Radiused Edge Transaction Surface .....	16.97	
12 59 13 00-0124 EA Disassemble And Store 14" x 60" Radiused Edge Transaction Surface .....	21.11	
12 59 13 00-0125 EA Disassemble And Store 14" x 72" Radiused Edge Transaction Surface .....	25.36	
12 59 13 00-0126 EA Disassemble And Store 14" Right Angle Corner Transaction Surface .....	44.35	
12 59 13 00-0127 EA Disassemble And Store Transaction Surface Support .....	3.50	
12 59 13 00-0128 EA Disassemble And Store Plastic Pencil Drawer .....	3.46	
12 59 13 00-0129 EA Disassemble And Store 15-1/2" x 24" Hanging Shelf .....	12.95	
12 59 13 00-0130 EA Disassemble And Store 15-1/2" x 36" Hanging Shelf .....	14.10	
12 59 13 00-0131 EA Disassemble And Store 15-1/2" x 48" Hanging Shelf .....	15.06	
12 59 13 00-0132 EA Disassemble And Store 24" Flipper Door And Shelf .....	22.36	
12 59 13 00-0133 EA Disassemble And Store 36" Flipper Door And Shelf .....	26.10	
12 59 13 00-0134 EA Disassemble And Store 48" Flipper Door And Shelf .....	29.93	
12 59 13 00-0135 EA Disassemble And Store 24" Suspended Lateral File .....	76.61	
12 59 13 00-0136 EA Disassemble And Store 30" Suspended Lateral File .....	80.91	
12 59 13 00-0137 EA Disassemble And Store 36" Suspended Lateral File .....	85.37	
12 59 13 00-0138 EA Disassemble And Store 48" Suspended Lateral File .....	93.38	
12 59 13 00-0139 EA Disassemble And Store Fully Adjustable Vinyl Keyboard Tray .....	34.92	
12 59 13 00-0140 EA Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface .....	44.12	
12 59 13 00-0141 EA Disassemble And Store Utility Task Light .....	15.35	
<b>12 59 13 00-0142 Reconfigure Systems Furniture Components</b> <small>(12 59 13)</small>		
12 59 13 00-0143 EA Reconfigure 34H 24W Fabric Covered Panel .....	38.76	
12 59 13 00-0144 EA Reconfigure 34H 30W Fabric Covered Panel .....	43.07	
12 59 13 00-0145 EA Reconfigure 34H 36W Fabric Covered Panel .....	46.05	
12 59 13 00-0146 EA Reconfigure 34H 48W Fabric Covered Panel .....	51.60	
12 59 13 00-0147 EA Reconfigure 42H 24W Fabric Covered Panel .....	39.37	
12 59 13 00-0148 EA Reconfigure 42H 30W Fabric Covered Panel .....	44.50	
12 59 13 00-0149 EA Reconfigure 42H 36W Fabric Covered Panel .....	49.85	
12 59 13 00-0150 EA Reconfigure 42H 48W Fabric Covered Panel .....	58.58	
12 59 13 00-0151 EA Reconfigure 62H 12W Fabric Covered Panel .....	37.93	
12 59 13 00-0152 EA Reconfigure 62H 24W Fabric Covered Panel .....	46.67	
12 59 13 00-0153 EA Reconfigure 62H 36W Fabric Covered Panel .....	58.38	
12 59 13 00-0154 EA Reconfigure 62H 48W Fabric Covered Panel .....	69.90	
12 59 13 00-0155 EA Reconfigure 34" Draw Rod Panel Connector Hardware .....	2.12	
12 59 13 00-0156 EA Reconfigure 42" Draw Rod Panel Connector Hardware .....	2.12	
12 59 13 00-0157 EA Reconfigure 62" Draw Rod Panel Connector Hardware .....	2.26	
12 59 13 00-0158 EA Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware .....	9.74	
12 59 13 00-0159 EA Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware .....	11.28	
12 59 13 00-0160 EA Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware .....	12.98	
12 59 13 00-0161 EA Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware .....	15.09	
12 59 13 00-0162 EA Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware .....	17.49	
12 59 13 00-0163 EA Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware .....	20.32	
12 59 13 00-0164 EA Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware .....	19.05	
12 59 13 00-0165 EA Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware .....	22.30	
12 59 13 00-0166 EA Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware .....	26.81	
12 59 13 00-0167 EA Reconfigure 34" Panel End Cap Hardware .....	3.25	



**12 Furnishings****12 50 Furniture****12 59 Systems Furniture**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

12 59 13 00-0168	EA		Reconfigure 42" Panel End Cap Hardware.....	3.67	
12 59 13 00-0169	EA		Reconfigure 62" Panel End Cap Hardware.....	3.95	
12 59 13 00-0170	EA		Reconfigure Variable Height Panel End Filler.....	3.58	
12 59 13 00-0171	EA		Reconfigure Two-Way Trim Cover For Cable Management Raceway.....	1.85	
12 59 13 00-0172	EA		Reconfigure Three-Way Trim Cover For Cable Management Raceway.....	1.95	
12 59 13 00-0173	EA		Reconfigure Four-Way Trim Cover For Cable Management Raceway.....	2.25	
12 59 13 00-0174	EA		Reconfigure Finished End Trim Cover For Cable Management Raceway.....	1.85	
12 59 13 00-0175	EA		Reconfigure 12" Cable Management Raceway Assembly.....	3.78	
12 59 13 00-0176	EA		Reconfigure 24" Cable Management Raceway Assembly.....	4.29	
12 59 13 00-0177	EA		Reconfigure 30" Cable Management Raceway Assembly.....	4.39	
12 59 13 00-0178	EA		Reconfigure 36" Cable Management Raceway Assembly.....	4.91	
12 59 13 00-0179	EA		Reconfigure 48" Cable Management Raceway Assembly.....	5.53	
12 59 13 00-0180	EA		Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	29.71	
12 59 13 00-0181	EA		Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	36.59	
12 59 13 00-0182	EA		Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	34.53	
12 59 13 00-0183	EA		Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	43.17	
12 59 13 00-0184	EA		Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	43.58	
12 59 13 00-0185	EA		Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	54.89	
12 59 13 00-0186	EA		Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	52.94	
12 59 13 00-0187	EA		Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	66.50	
12 59 13 00-0188	EA		Reconfigure 30" x 60" Radiused Edge Table.....	118.14	
12 59 13 00-0189	EA		Reconfigure 30" x 72" Radiused Edge Table.....	129.10	
12 59 13 00-0190	EA		Reconfigure 14" x 24" Radiused Edge Transaction Surface.....	14.18	
12 59 13 00-0191	EA		Reconfigure 14" x 36" Radiused Edge Transaction Surface.....	16.14	
12 59 13 00-0192	EA		Reconfigure 14" x 48" Radiused Edge Transaction Surface.....	18.09	
12 59 13 00-0193	EA		Reconfigure 14" x 60" Radiused Edge Transaction Surface.....	22.51	
12 59 13 00-0194	EA		Reconfigure 14" x 72" Radiused Edge Transaction Surface.....	27.03	
12 59 13 00-0195	EA		Reconfigure 14" Right Angle Corner Transaction Surface.....	47.28	
12 59 13 00-0196	EA		Reconfigure Transaction Surface Support.....	3.73	
12 59 13 00-0197	EA		Reconfigure 15-1/2" x 24" Hanging Shelf.....	13.81	
12 59 13 00-0198	EA		Reconfigure 15-1/2" x 36" Hanging Shelf.....	15.03	
12 59 13 00-0199	EA		Reconfigure 15-1/2" x 48" Hanging Shelf.....	16.06	
12 59 13 00-0200	EA		Reconfigure 24" Flipper Door And Shelf.....	23.83	
12 59 13 00-0201	EA		Reconfigure 36" Flipper Door And Shelf.....	27.82	
12 59 13 00-0202	EA		Reconfigure 48" Flipper Door And Shelf.....	31.91	
12 59 13 00-0203	EA		Reconfigure 24" Suspended Lateral File.....	81.72	
12 59 13 00-0204	EA		Reconfigure 30" Suspended Lateral File.....	86.31	
12 59 13 00-0205	EA		Reconfigure 36" Suspended Lateral File.....	91.07	
12 59 13 00-0206	EA		Reconfigure 48" Suspended Lateral File.....	99.62	
12 59 13 00-0207	EA		Reconfigure 24" x 36" Radiused Edge Corner Work Surface.....	47.04	

**12 60 Multiple Seating** <sup>(12)</sup>**12 61 Fixed Audience Seating** <sup>(12 60)</sup>

See CSI section 12 01 60 00-0001 for seat repairs.

**12 61 13 Upholstered Audience Seating** <sup>(12 61)</sup>**12 61 13 00-0001 Upholstered Audience Seating** <sup>(12 61 13)</sup>

12 61 13 00-0002	EA		Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4).....	627.83	51.58
			Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
			For >100 To 249, Deduct	-77.35	
			For >249 To 749, Deduct	-92.82	
			For >749, Deduct	-103.14	
			For Up To 9, Add	840.56	
			For >9 To 24, Add	335.19	
			For Expansion Anchor Mounting With Anchor Caps, Add	27.68	
			For Epoxy Anchor Mounting With Anchor Caps, Add	33.87	
12 61 13 00-0003	EA		Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4).....	661.19	51.58
			Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
			For >100 To 249, Deduct	-82.36	
			For >249 To 749, Deduct	-98.83	
			For >749, Deduct	-109.81	
			For Up To 9, Add	840.03	
			For >9 To 24, Add	334.91	
			For Expansion Anchor Mounting With Anchor Caps, Add	27.68	
			For Epoxy Anchor Mounting With Anchor Caps, Add	33.87	



<b>Furnishings</b>	<b>12</b>
<b>Multiple Seating</b>	<b>12 60</b>
<b>Fixed Audience Seating</b>	<b>12 61</b>

12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61	13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4).....	812.58	51.58
			Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
			<i>For &gt;100 To 249, Deduct</i>	-105.06	
			<i>For &gt;249 To 749, Deduct</i>	-126.08	
			<i>For &gt;749, Deduct</i>	-140.09	
			<i>For Up To 9, Add</i>	840.52	
			<i>For &gt;9 To 24, Add</i>	336.21	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	
12 61	13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4).....	846.39	51.58
			Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms		
			<i>For &gt;100 To 249, Deduct</i>	-110.14	
			<i>For &gt;249 To 749, Deduct</i>	-132.16	
			<i>For &gt;749, Deduct</i>	-146.85	
			<i>For Up To 9, Add</i>	837.03	
			<i>For &gt;9 To 24, Add</i>	337.75	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	
12 61	13 00-0006	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4).....	548.51	51.58
			Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
			<i>For &gt;100 To 249, Deduct</i>	-65.45	
			<i>For &gt;249 To 749, Deduct</i>	-78.54	
			<i>For &gt;749, Deduct</i>	-87.27	
			<i>For Up To 9, Add</i>	842.17	
			<i>For &gt;9 To 24, Add</i>	336.00	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	
12 61	13 00-0007	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4).....	555.18	51.58
			Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
			<i>For &gt;100 To 249, Deduct</i>	-66.45	
			<i>For &gt;249 To 749, Deduct</i>	-79.75	
			<i>For &gt;749, Deduct</i>	-88.61	
			<i>For Up To 9, Add</i>	841.76	
			<i>For &gt;9 To 24, Add</i>	336.70	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	
12 61	13 00-0008	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4).....	583.84	51.58
			Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self-rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
			<i>For &gt;100 To 249, Deduct</i>	-70.75	
			<i>For &gt;249 To 749, Deduct</i>	-84.90	
			<i>For &gt;749, Deduct</i>	-94.34	
			<i>For Up To 9, Add</i>	839.61	
			<i>For &gt;9 To 24, Add</i>	334.90	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	
12 61	13 00-0009		<b>Fixed Back Upholstered Audience Seating</b> <small>(12 61 13)</small>		
			Note: Excludes aisle lighting, ADA requirements, wood arm rests, wood panel on back of seat, and balcony installation requiring carry of material and installation of material over carpet. Includes "G" grade fabric.		
12 61	13 00-0010	EA	Olympiad Stadium Type Seating.....	373.35	51.58
			Note: Plastic seat and back. Cast iron stanchions with integral arm rest. Seat number and row letter.		
12 61	13 00-0011	EA	Quattro Upholstered Seating.....	495.53	51.58
			Note: Upholstered seat and back. Polypropylene seat and back. Cast aluminum stanchions with plastic arm rest. Seat number and row letter.		
12 61	16		<b>Molded-Plastic Audience Seating</b> <small>(12 61)</small>		
12 61	16 00-0001		<b>Molded-Plastic Audience Seating</b> <small>(12 61 16)</small>		
12 61	16 00-0002	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30).....	414.48	51.58
			Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
			<i>For &gt;100 To 249, Deduct</i>	-45.35	
			<i>For &gt;249 To 749, Deduct</i>	-54.42	
			<i>For &gt;749, Deduct</i>	-60.47	
			<i>For Up To 9, Add</i>	828.38	
			<i>For &gt;9 To 24, Add</i>	332.56	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	27.68	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	33.87	

<b>12</b>	<b>12</b>	<b>Furnishings</b>
	<b>12 60</b>	<b>Multiple Seating</b>
	<b>12 61</b>	<b>Fixed Audience Seating</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

12 61	16 00-0003	EA	Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30).....	464.90	51.58
			Note: Includes Patriot back, double wall polymer, number 52 self-rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
			For >100 To 249, Deduct	-52.91	
			For >249 To 749, Deduct	-63.50	
			For >749, Deduct	-70.55	
			For Up To 9, Add	828.96	
			For >9 To 24, Add	331.59	
			For Expansion Anchor Mounting With Anchor Caps, Add	27.68	
			For Epoxy Anchor Mounting With Anchor Caps, Add	33.87	

**12 61 19 Plywood/Hardwood Audience Seating (12 61)**

12 61	19 00-0001		<b>Plywood/Hardwood Audience Seating (12 61 19)</b>		
12 61	19 00-0002	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4).....	659.21	51.58
			Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
			For >100 To 249, Deduct	-82.06	
			For >249 To 749, Deduct	-98.47	
			For >749, Deduct	-109.41	
			For Up To 9, Add	869.83	
			For >9 To 24, Add	350.12	
			For Expansion Anchor Mounting With Anchor Caps, Add	27.68	
			For Epoxy Anchor Mounting With Anchor Caps, Add	33.87	

12 61	19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4).....	686.28	51.58
			Note: Includes Crusader back, veneer surfaced, number 14 self-rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
			For >100 To 249, Deduct	-86.12	
			For >249 To 749, Deduct	-103.34	
			For >749, Deduct	-114.83	
			For Up To 9, Add	832.49	
			For >9 To 24, Add	333.00	
			For Expansion Anchor Mounting With Anchor Caps, Add	27.68	
			For Epoxy Anchor Mounting With Anchor Caps, Add	33.87	

**12 61 21 Fixed Audience Seating Accessories (12 61)**

12 61	21 00-0001		<b>Fixed Audience Seating Accessories (12 61 21)</b>		
12 61	21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	215.52	
			For >100 To 249, Deduct	-30.65	
			For >249 To 749, Deduct	-36.77	
			For >749, Deduct	-40.86	
12 61	21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	219.45	
			For >100 To 249, Deduct	-31.23	
			For >249 To 749, Deduct	-37.48	
			For >749, Deduct	-41.65	
12 61	21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	229.70	
			For >100 To 249, Deduct	-32.77	
			For >249 To 749, Deduct	-39.33	
			For >749, Deduct	-43.70	
12 61	21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin).....	215.52	
			For >100 To 249, Deduct	-30.65	
			For >249 To 749, Deduct	-36.77	
			For >749, Deduct	-40.86	
12 61	21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin).....	230.56	
			For >100 To 249, Deduct	-32.90	
			For >249 To 749, Deduct	-39.48	
			For >749, Deduct	-43.87	
12 61	21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin).....	17.61	

**12 62 Portable-Audience Seating (12 60)**

**12 62 23 Portable Bleachers (12 62)**

12 62	23 00-0001		<b>Metal Bleachers, Outdoor, Portable (12 62 23)</b>		
			Note: Average seating is 18".		
12 62	23 00-0002		<b>Non-Elevated Portable Aluminum Bleacher (12 62 23 00-0001)</b>		
12 62	23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat.....	175.33	5.33
			For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure	165.00	
			For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure	335.00	
12 62	23 00-0004		<b>Non-Elevated Portable Aluminum Bleacher (12 62 23 00-0001)</b>		
			Note: Includes side and back fence.		
12 62	23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher.....	230.74	5.33
			Note: Including side and back fence.		
			For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	35.00	



<b>Furnishings</b>	<b>12</b>	<b>12</b>
Multiple Seating	12 60	
Portable-Audience Seating	12 62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 62 23 00-0006 SEA 6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher..... Note: Including side and back fence. For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	263.13 35.00	5.60
12 62 23 00-0007 SEA 11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher..... Note: Including side and back fence. For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	274.68 35.00	5.87
<b>12 62 23 00-0008 Non-Elevated Portable Aluminum Bleacher</b> (12 62 23 00-0001) Note: Includes side and back fence and center aisle with rails.		
12 62 23 00-0009 SEA 5 Rows, Non-Elevated Portable Aluminum Bleacher..... Note: Including side and back fence and center aisle with handrails. For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	361.83 35.00	6.01
12 62 23 00-0010 SEA 6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher..... Note: Including side and back fence and center aisle with handrails. For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	413.81 35.00	6.31
12 62 23 00-0011 SEA 11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher..... Note: Including side and back fence and center aisle with handrails. For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add	448.88 35.00	6.67

**12 66 Telescoping Stands** (12 60)

**12 66 13 Telescoping Bleachers** (12 66)

12 66 13 00-0001	EA	Wall Mounted Telescoping Bleachers (12 66 13) Note: Includes column cutouts, manual operation, 10" plastic seats and cylinder lock. Excludes self-storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts. See CSI section 12 66 13 00-0004 for additional optional accessories.		
12 66 13 00-0002	EA	MAXAM Wall Attached Telescoping Bleachers Without Seat Backs ..... Note: Quantity calculation: 18" per seat divided by the length of the bleacher then multiplied by the number of rows. 9-5/8" rise, 26" row spacing, 10" plastic seat unit, plywood decking material, aisle railing, self storing end rails (both sides), mid aisle steps, front removable step, friction motor package including all internal wiring, ADA 100% recoverable seating along first row and seat number and row letter. For Manual Operation, Deduct	260.21 -22.61	
12 66 13 00-0003	EA	MAXAM Plus Wall Attached Telescoping Platform System With Seat Backs..... Note: Quantity calculation: actual number of seats. 9-5/8" rise, 33" row spacing, plywood decking material, folding chair mounted on beam system, chair with plastic seat and back, aisle railing, self storing end rails (both sides), mid aisle steps, front removable step, friction motor package including all internal wiring, ADA 100% recoverable seating along first row and seat number and row letter.	780.63	
12 66 13 00-0004	EA	Options And Accessories (12 66 13)		
12 66 13 00-0005	EA	Scorer's Table.....	565.68	
12 66 13 00-0006	EA	End Curtains For Telescoping Bleachers .....	565.68	

**END OF SECTION 12**

12	<b>12</b>	<b>Furnishings</b>
	12 60	Multiple Seating
	12 66	Telescoping Stands



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

**THIS PAGE INTENTIONALLY LEFT BLANK**



<b>Special Construction</b>	<b>13</b>	<b>13</b>
<b>Special Facility Components</b>	<b>13 10</b>	
<b>Swimming Pools</b>	<b>13 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 13 Special Construction

### 13 10 Special Facility Components <sup>(13)</sup>

#### 13 11 Swimming Pools <sup>(13 10)</sup>

##### 13 11 46 Swimming Pool Accessories <sup>(13 11)</sup>

See CSI section 22 51 19 00-0039 for diatomite type filter system.

##### 13 11 46 00-0001 Pool Deck Waterproofing System <sup>(13 11 46)</sup>

13 11 46 00-0002	SF	Polyvinyl Chloride (PVC) Deck Membrane, DecTec.....	20.94		6.21
		Note: Brick, granite, teal, bronze, opal colors.			
13 11 46 00-0003	LF	Vinyl Termination Bar, Base, Grey.....	5.87		1.53
13 11 46 00-0004	LF	Vinyl Termination Bar, Cap, Grey, Beige, Or White.....	4.93		1.53
13 11 46 00-0005	LF	Polyvinyl Chloride (PVC) Drip Edge, White, Brick, Bronze, Opal, Or Granite Color.....	10.44		1.36
13 11 46 00-0006	LF	Up To 6" Wide, Metal Flashing.....	7.08		1.36
		Note: White, brick, bronze, granite, and opal colors.			
13 11 46 00-0007	LF	Greater Than 6" And Up To 12" Wide, Metal Flashing.....	11.43		1.36
		Note: White, brick, bronze, granite, and opal colors.			
13 11 46 00-0008	EA	Universal Drain.....	344.02		27.24
		Note: DecDrain NDR 4-1.			
13 11 46 00-0009	EA	One Piece Rigid Polyvinyl Chloride (PVC) Scupper.....	475.61		27.24

#### 13 12 Fountains <sup>(13 10)</sup>

##### 13 12 13 Exterior Fountains <sup>(13 12)</sup>

##### 13 12 13 00-0001 Fountains/Aerators <sup>(13 12 13)</sup>

13 12 13 00-0002	EA	1/2 HP Pump, Single Phase With 100' Cord.....	2,337.05		167.52
13 12 13 00-0003	EA	3/4 HP Pump, Single Phase With 100' Cord.....	2,583.11		171.21
13 12 13 00-0004	EA	1 HP Pump, Single Phase With 100' Cord.....	2,617.09		175.35
13 12 13 00-0005	EA	1-1/2 HP Pump, Single Phase With 100' Cord.....	2,745.89		179.49
13 12 13 00-0006	EA	2 HP Pump, Single Phase With 100' Cord.....	2,875.79		184.09
13 12 13 00-0007	EA	5 HP Pump, Three Phase With 200' Cord.....	6,155.39		188.70
13 12 13 00-0008	EA	7-1/2 HP Pump, Three Phase With 200' Cord.....	7,044.33		193.75
13 12 13 00-0009	EA	10 HP Pump, Three Phase With 200' Cord.....	7,814.88		198.82
13 12 13 00-0010	EA	15 HP Pump, Three Phase With 200' Cord.....	9,888.99		204.35
13 12 13 00-0011	EA	Aerator Nozzle.....	955.01		92.04

### 13 20 Special Purpose Rooms <sup>(13)</sup>

#### 13 21 Controlled Environment Rooms <sup>(13 20)</sup>

##### 13 21 26 Cold Storage Rooms <sup>(13 21)</sup>

##### 13 21 26 13 Walk-in Coolers <sup>(13 21 26)</sup>

See CSI section 11 41 23 00-0000 for walk-in coolers.

### 13 30 Special Structures <sup>(13)</sup>

#### 13 34 Fabricated Engineered Structures <sup>(13 30)</sup>

##### 13 34 16 Grandstands and Bleachers <sup>(13 34)</sup>

##### 13 34 16 13 Grandstands <sup>(13 34 16)</sup>

##### 13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame <sup>(13 34 16 13)</sup>

##### 13 34 16 13-0002 3 To 15 Tiers <sup>(13 34 16 13-0001)</sup>

13 34 16 13-0003	SEA	3-15 Tier Permanent Grandstand Price Per Seat.....	92.12		10.67
------------------	-----	--	-------	--	-------

##### 13 34 16 13-0004 16 To 30 Tiers <sup>(13 34 16 13-0001)</sup>

13 34 16 13-0005	SEA	16-30 Tier Permanent Grandstand Price Per Seat.....	137.51		12.00
------------------	-----	---	--------	--	-------

### 13 40 Integrated Construction <sup>(13)</sup>

#### 13 46 Lightning Protection Systems <sup>(13 40)</sup>

##### 13 46 13 Lightning Protection for Structures <sup>(13 46)</sup>

##### 13 46 13 00-0001 Lightning Protection <sup>(13 46 13)</sup>

See CSI section 26 05 26 00-0001 for conductors.

##### 13 46 13 00-0002 Air Terminals For Lightning Protection <sup>(13 46 13 00-0001)</sup>

##### 13 46 13 00-0003 Copper Lightning Protection Air Terminals <sup>(13 46 13 00-0002)</sup>

13 46 13 00-0004	EA	3/8" x 10" Copper Lightning Protection Air Terminal.....	68.79		11.59
------------------	----	--	-------	--	-------



**13 Special Construction****13 40 Integrated Construction****13 46 Lightning Protection Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46	13 00-0005	EA	1/2" x 12" Copper Lightning Protection Air Terminal.....	85.46	11.59
13 46	13 00-0006	EA	5/8" x 12" Copper Lightning Protection Air Terminal.....	111.40	11.59
13 46	13 00-0007	EA	1/2" x 24" Copper Lightning Protection Air Terminal.....	123.85	11.59
13 46	13 00-0008	EA	1/2" x 60" Copper Lightning Protection Air Terminal.....	240.69	23.18
<b>13 46</b>	<b>13 00-0009</b>		<b>Aluminum Lightning Protection Air Terminals (13 46 13 00-0002)</b>		
13 46	13 00-0010	EA	3/8" x 10" Aluminum Lightning Protection Air Terminal.....	84.29	11.59
13 46	13 00-0011	EA	1/2" x 12" Aluminum Lightning Protection Air Terminal.....	107.26	11.59
13 46	13 00-0012	EA	5/8" x 12" Aluminum Lightning Protection Air Terminal.....	137.41	11.59
13 46	13 00-0013	EA	1/2" x 24" Aluminum Lightning Protection Air Terminal.....	152.56	11.59
13 46	13 00-0014	EA	1/2" x 60" Aluminum Lightning Protection Air Terminal.....	299.75	23.18
<b>13 46</b>	<b>13 00-0015</b>		<b>Terminal Bases For Lightning Protection (13 46 13 00-0001)</b>		
<b>13 46</b>	<b>13 00-0016</b>		<b>Copper Lightning Protection Terminal Bases (13 46 13 00-0015)</b>		
13 46	13 00-0017	EA	Adhesive Base For Copper Lightning Protection Terminal .....	92.08	34.77
13 46	13 00-0018	EA	Bolted Base For Copper Lightning Protection Terminal.....	121.11	46.36
13 46	13 00-0019	EA	Hinged Base For Copper Lightning Protection Terminal.....	175.84	57.95
13 46	13 00-0020	EA	Side Mounted Base For Copper Lightning Protection Terminal.....	121.11	46.36
13 46	13 00-0021	EA	Offset Point Support For Copper Lightning Protection Terminal.....	129.43	46.36
13 46	13 00-0022	EA	Concealed Base Assembly For Copper Lightning Protection Terminal .....	229.33	92.72
13 46	13 00-0023	EA	36" Tripod Base For 60" Copper Lightning Protection Terminal .....	161.52	57.95
13 46	13 00-0024	EA	Intermediate Base For Copper Lightning Protection Terminal .....	92.08	34.77
<b>13 46</b>	<b>13 00-0025</b>		<b>Aluminum Lightning Protection Terminal Bases (13 46 13 00-0015)</b>		
13 46	13 00-0026	EA	Adhesive Base For Aluminum Lightning Protection Terminal .....	97.51	34.77
13 46	13 00-0027	EA	Bolted Base For Aluminum Lightning Protection Terminal.....	128.52	46.36
13 46	13 00-0028	EA	Hinged Base For Aluminum Lightning Protection Terminal.....	175.84	57.95
13 46	13 00-0029	EA	Side Mounted Base For Aluminum Lightning Protection Terminal.....	129.05	46.36
13 46	13 00-0030	EA	Offset Point Support For Aluminum Lightning Protection Terminal.....	136.44	46.36
13 46	13 00-0031	EA	Concealed Base Assembly For Aluminum Lightning Protection Terminal .....	245.54	92.72
13 46	13 00-0032	EA	36" Tripod Base For 60" Aluminum Lightning Protection Terminal .....	172.76	57.95
13 46	13 00-0033	EA	Intermediate Base For Aluminum Lightning Protection Terminal .....	97.51	34.77
<b>13 46</b>	<b>13 00-0034</b>		<b>Connectors (13 46 13 00-0001)</b>		
<b>13 46</b>	<b>13 00-0035</b>		<b>Copper Cable Connectors (13 46 13 00-0034)</b>		
13 46	13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System .....	185.71	57.95
13 46	13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System .....	251.80	92.72
13 46	13 00-0038	EA	Beam Connector For Copper Lightning Protection System .....	165.21	57.95
13 46	13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System.....	39.84	11.59
13 46	13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System.....	41.02	11.59
13 46	13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal.....	124.42	34.77
<b>13 46</b>	<b>13 00-0042</b>		<b>Aluminum Cable Connectors (13 46 13 00-0034)</b>		
13 46	13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System.....	198.54	57.95
13 46	13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System .....	275.89	92.72
13 46	13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System .....	182.70	57.95
13 46	13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System.....	44.93	11.59
13 46	13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal .....	132.60	34.77
<b>13 46</b>	<b>13 00-0048</b>		<b>Bonding Plates (13 46 13 00-0001)</b>		
<b>13 46</b>	<b>13 00-0049</b>		<b>Copper Bonding Plates (13 46 13 00-0048)</b>		
13 46	13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System .....	145.40	57.95
13 46	13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System.....	150.48	57.95
13 46	13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System .....	221.20	92.72
<b>13 46</b>	<b>13 00-0053</b>		<b>Aluminum Bonding Plates (13 46 13 00-0048)</b>		
13 46	13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System.....	148.39	57.95
13 46	13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System.....	156.83	57.95
13 46	13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System.....	223.89	92.72
<b>13 46</b>	<b>13 00-0057</b>		<b>Cable Supports (13 46 13 00-0001)</b>		
<b>13 46</b>	<b>13 00-0058</b>		<b>Copper Cable Supports (13 46 13 00-0057)</b>		
13 46	13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System .....	26.73	11.59
13 46	13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System .....	27.31	11.59
<b>13 46</b>	<b>13 00-0061</b>		<b>Aluminum Cable Supports (13 46 13 00-0057)</b>		
13 46	13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System .....	26.26	11.59



<b>Special Construction</b>	<b>13</b>
<b>Integrated Construction</b>	<b>13 40</b>
<b>Lightning Protection Systems</b>	<b>13 46</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46 13 00-0063 EA Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System.....	26.07	11.59
<b>13 46 13 00-0064 Bonding Straps (13 46 13 00-0001)</b>		
<b>13 46 13 00-0065 Copper Bonding Straps (13 46 13 00-0064)</b>		
13 46 13 00-0066 EA 3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System.....	76.80	34.77
<b>13 46 13 00-0067 Aluminum Bonding Straps (13 46 13 00-0064)</b>		
13 46 13 00-0068 EA 3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System.....	79.56	34.77
<b>13 46 13 00-0069 Accessories For Lightning Protection (13 46 13 00-0001)</b> See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
<b>13 46 13 00-0070 Copper Adapters (13 46 13 00-0069)</b>		
13 46 13 00-0071 EA Swivel Adapters For Copper Lightning Protection System .....	30.42	5.79
<b>13 46 13 00-0072 Aluminum Adapters (13 46 13 00-0069)</b>		
13 46 13 00-0073 EA Swivel Adapters For Aluminum Lightning Protection System .....	40.97	5.79
13 46 13 00-0074 EA Floor Ground Receptacle For Aluminum Lightning Protection System .....	187.83	57.95
<b>13 47 Facility Protection (13 40)</b>		
<b>13 47 13 Cathodic Protection (13 47)</b>		
<b>13 47 13 13 Cathodic Protection for Underground and Submerged Piping (13 47 13)</b>		
<b>13 47 13 13-0001 Anodes (13 47 13 13)</b>		
<b>13 47 13 13-0002 Magnesium Type, Conventional (13 47 13 13-0001)</b>		
13 47 13 13-0003 EA 9 Lb. Magnesium Type Anodes .....	378.20	164.64
13 47 13 13-0004 EA 17 Lb. Magnesium Type Anodes .....	561.55	237.96
13 47 13 13-0005 EA 32 Lb. Magnesium Type Anode.....	767.94	306.12
13 47 13 13-0006 EA 48 Lb. Magnesium Type Anode.....	1,093.96	428.31
<b>13 47 13 13-0007 Graphite Type (13 47 13 13-0001)</b> Note: Includes epoxy cap.		
13 47 13 13-0008 EA 3" x 60", 32 Lb., Graphite Type Anodes With Epoxy Cap .....	574.53	235.07
13 47 13 13-0009 EA 4" x 80", 68 Lb., Graphite Type Anodes With Epoxy Cap .....	897.62	328.25
13 47 13 13-0010 EA 6" x 36", 45 Lb., Graphite Type Anodes With Epoxy Cap .....	678.19	205.43
13 47 13 13-0011 EA 6" x 72", 80 Lb., Graphite Type Anodes With Epoxy Cap .....	1,041.97	274.25
<b>13 47 13 13-0012 Rectifiers (13 47 13 13)</b>		
<b>13 47 13 13-0013 Air-Cooled, Silicon Type (13 47 13 13-0012)</b>		
13 47 13 13-0014 EA Air-Cooled Rectifiers, 28 Volt, 10 Amperes, Silicon Type .....	2,087.47	333.80
13 47 13 13-0015 EA Air-Cooled Rectifiers, 20 Volt / 20 Amperes, Silicon Type.....	2,264.61	333.80
<b>13 47 13 13-0016 Oil Immersed, Silicon Type (13 47 13 13-0012)</b>		
13 47 13 13-0017 EA Oil Immersed Rectifiers, 28 Volt, 10 Amperes, Silicon Type.....	3,174.66	385.96
13 47 13 13-0018 EA Oil Immersed Rectifiers, 20 Volt / 20 Amperes, Silicon Type.....	3,364.45	385.96
<b>13 47 13 13-0019 Anode Backfill (13 47 13 13)</b>		
13 47 13 13-0020 LB Anode Backfill, Coke Breeze .....	1.12	0.42
<b>13 47 13 13-0021 Cathodic Protection Cable (13 47 13 13)</b>		
13 47 13 13-0022 MLF Cathodic Protection Cable, OR2 - No 8 .....	2,213.15	821.69
13 47 13 13-0023 MLF Cathodic Protection Cable, OR2 - No 6 .....	2,465.75	821.69
13 47 13 13-0024 MLF Cathodic Protection Cable, OR2 - No 4 .....	2,844.65	821.69
13 47 13 13-0025 MLF Cathodic Protection Cable, OR2 - No 2 .....	3,476.15	821.69
13 47 13 13-0026 MLF Cathodic Protection Cable, OR2 - No 1 .....	4,333.47	905.34
13 47 13 13-0027 MLF Cathodic Protection Cable, OR2-No 1/0 .....	4,807.10	905.34
13 47 13 13-0028 MLF Cathodic Protection Cable, OR2-No 2/0 .....	5,596.48	905.34
13 47 13 13-0029 MLF Cathodic Protection Cable, OR2-No 4/0 .....	7,653.32	986.88
<b>13 47 13 13-0030 Cathodic Test Stations (13 47 13 13)</b>		
<b>13 47 13 13-0031 Flush Curb Box Type With Lockable Cover And Terminal Box (13 47 13 13-0030)</b>		
13 47 13 13-0032 EA Cathodic Test Station, Flush Curb Type With Lockable Cover.....	296.89	96.20

13	<b>13 Special Construction</b>
	13 40 Integrated Construction
	13 47 Facility Protection



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**13 47 13 16 Cathodic Protection for Underground Storage Tanks** (13 47 13)  
 See CSI section 13 47 13 13-0000 for Cathodic protection for tanks.

**END OF SECTION 13**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 14 Conveying Equipment

### 14 01 Operation and Maintenance of Conveying Equipment <sup>(14)</sup>

#### 14 01 20 Operation and Maintenance of Elevators <sup>(14 01)</sup>

##### 14 01 20 71 Elevator Rehabilitation <sup>(14 01 20)</sup>

##### 14 01 20 71-0001 Elevator Maintenance <sup>(14 01 20 71)</sup>

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit) .....	523.78
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit) .....	698.37
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit) .....	436.48
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit) .....	436.48
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit) .....	261.89
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only .....	171.68
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only .....	214.60
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors .....	1,247.75
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors .....	1,559.68
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator .....	623.87
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator .....	1,403.72
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts .....	935.81
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors .....	2,183.56
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors .....	2,495.49
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator .....	1,871.62
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator .....	2,339.52
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts .....	1,247.75
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors .....	1,971.69
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors .....	2,218.15
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator .....	1,971.69
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator .....	1,971.69
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts .....	1,971.69

##### 14 01 20 71-0024 Elevator Modernization <sup>(14 01 20 71)</sup>

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) .....	42,465.59	9,096.90
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	<i>9,748.61</i>	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	<i>9,769.46</i>	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) .....	45,832.88	10,992.09
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	<i>9,844.58</i>	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	<i>10,388.28</i>	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 Lb. x 50 FPM) .....	54,498.43	12,508.25
		Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	<i>11,380.02</i>	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	<i>13,398.33</i>	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve .....	5,702.00	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization .....	77.52	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization .....	854.03	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four .....	4,457.24	758.08
		Note: Includes cover plate.		
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four .....	3,773.20	758.08
		Note: Includes cover plate.		
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish .....	8,229.58	
		Note: Excludes build back.		
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish .....	8,997.30	
		Note: Excludes build back.		
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish .....	8,722.84	
		Note: Excludes build back.		
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish .....	9,490.56	
		Note: Excludes build back.		
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring .....	93.77	21.66
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring .....	80.14	21.66
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring .....	14.50	2.85
14 01 20 71-0040	EA	Solid State Starting (Soft Start) .....	6,503.92	568.56
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings) .....	21,015.85	3,174.44
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing) .....	2,544.47	758.08
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing) .....	477.53	189.52
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL) .....	465.40	379.03
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing) .....	645.94	331.66
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing) .....	3,065.45	758.08
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing) .....	642.34	350.61

**14 Conveying Equipment****14 01 Operation and Maintenance of Conveying Equipment****14 01 20 Operation and Maintenance of Elevators**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0048 EA Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL).....	465.40	379.03
14 01 20 71-0049 EA Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing).....	791.68	379.03
14 01 20 71-0050 EA Fire Service Key Switch Controller .....	4,020.79	758.08
14 01 20 71-0051 EA ADA Telephone (Rath Microtech).....	1,268.14	379.03
14 01 20 71-0052 EA Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing).....	9,097.19	1,516.15
14 01 20 71-0053 EA Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing).....	9,826.53	1,516.15
14 01 20 71-0054 EA Car Door Safety Edge (Infrared Proximity Type Edge).....	2,836.80	379.03
14 01 20 71-0055 EA Car Operating Panel (ADA, Fire, Position, Chime).....	9,615.40	1,516.15
14 01 20 71-0056 EA Car Position LED Indicator And Cover Plate, Stainless Steel.....	2,053.61	379.03
14 01 20 71-0057 EA Car Traveling Lanterns With Audible Signal .....	1,770.48	379.03
14 01 20 71-0058 EA Hoistway Door Jamb Floor Tags (Braille) .....	258.61	189.52
14 01 20 71-0059 EA Lobby Vandal Resistant Call Station.....	1,664.92	379.03
14 01 20 71-0060 LF Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial) .....	22.19	
Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.		
14 01 20 71-0061 EA Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial).....	6,064.61	3,032.30
Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.		
14 01 20 71-0062 LF Governor Cable .....	1.73	
Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.		
14 01 20 71-0063 EA Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels.....	6,875.72	758.08
14 01 20 71-0064 EA Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels.....	9,946.60	758.08
14 01 20 71-0065 EA Removal And Replacement Of Governor.....	5,767.36	758.08
14 01 20 71-0066 EA Removal And Replacement Of Car Station.....	9,154.77	1,516.15
14 01 20 71-0067 EA Removal And Replacement Of Telephone.....	1,914.43	379.03
14 01 20 71-0068 EA Removal And Replacement Of Hall Lanterns .....	1,429.84	379.03
14 01 20 71-0069 EA Hall Call Buttons, Vandal Resistant .....	1,141.94	379.03
14 01 20 71-0070 EA Hall Traveling Lanterns With Audible Signal.....	1,808.87	379.03
14 01 20 71-0071 EA Add Raised Character (Braille) Signage To Control Panel .....	211.98	189.52
14 01 20 71-0072 EA New Microprocessor Based Controller (Non-Proprietary).....	49,210.27	6,064.61
14 01 20 71-0073 EA New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab.....	28,289.90	6,064.61
14 01 20 71-0074 EA New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab .....	43,951.01	6,064.61
14 01 20 71-0075 EA Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel.....	3,540.97	
14 01 20 71-0076 EA Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel .....	3,752.09	
14 01 20 71-0077 EA Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel.....	3,984.33	
14 01 20 71-0078 EA Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel.....	4,237.67	
14 01 20 71-0079 EA Elevator Pit Ladder, Steel .....	3,329.85	379.03
Note: Labor cost is for bolting to concrete pit wall.		
14 01 20 71-0080 EA New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab.....	54,660.51	6,064.61
14 01 20 71-0081 LF Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 9.7.....	139.13	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0082 LF Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7.....	148.33	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0083 LF Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4.....	154.63	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0084 EA Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP).....	10,005.17	758.08
14 01 20 71-0085 EA 6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) .....	4,001.60	758.08
Note: Cladding typically done by metal company.		
14 01 20 71-0086 EA 8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) .....	4,097.57	758.08
Note: Cladding typically done by metal company.		
14 01 20 71-0087 EA 10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) .....	4,193.53	758.08
Note: Cladding typically done by metal company.		
14 01 20 71-0088 EA 12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening) .....	4,308.69	758.08
Note: Cladding typically done by metal company.		
14 01 20 71-0089 EA "Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable .....	8,991.78	758.08
14 01 20 71-0090 EA "Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable .....	8,991.78	758.08
14 01 20 71-0091 EA "Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable .....	12,830.38	758.08
14 01 20 71-0092 EA "Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable .....	14,749.68	758.08
14 01 20 71-0093 EA 60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock .....	5,051.56	163.41
14 01 20 71-0094 EA 100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock.....	5,271.45	196.10
14 01 20 71-0095 EA 200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Fire Safety Interface Relay, Mechanical Interlock .....	7,013.22	228.78
14 01 20 71-0096 EA Aluminum Handrail Spacers With Set Screw .....	229.38	189.52
14 01 20 71-0097 EA Bronze Handrail Spacers With Set Screw.....	234.70	189.52
14 01 20 71-0098 LF 1/2" x 2" Round Stainless Steel Elevator Handrail .....	159.23	44.60
14 01 20 71-0099 LF 3/8" x 2" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail .....	152.98	44.60
14 01 20 71-0100 LF 3/8" x 3" Flat Bar, Brushed Finish, Stainless Steel Elevator Handrail .....	182.23	44.60
14 01 20 71-0101 LF 3/8" x 2" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail .....	202.03	44.60
14 01 20 71-0102 LF 3/8" x 3" Flat Bar, Mirror Finish, Stainless Steel Elevator Handrail .....	231.52	44.60
14 01 20 71-0103 LF 3/8" x 2" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail .....	185.91	44.60
14 01 20 71-0104 LF 3/8" x 3" Flat Bar, Brushed Finish, Bronze Steel Elevator Handrail .....	211.94	44.60
14 01 20 71-0105 LF 3/8" x 2" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail, Mirror Finish .....	331.36	44.60
14 01 20 71-0106 LF 3/8" x 3" Flat Bar, Mirror Finish, Bronze Steel Elevator Handrail .....	372.66	44.60
14 01 20 71-0107 LF 3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail .....	151.98	44.60
14 01 20 71-0108 LF 3/8" x 2" Diameter Tubular, Brushed Finish, Tubular Stainless Steel Elevator Handrail.....	153.57	44.60
14 01 20 71-0109 LF 3/8" x 2-1/2" Diameter Tubular, Brushed Finish, Stainless Steel Elevator Handrail.....	196.81	44.60
14 01 20 71-0110 LF 3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail.....	184.07	44.60
14 01 20 71-0111 LF 3/8" x 2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail .....	197.66	44.60
14 01 20 71-0112 LF 3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Stainless Steel Elevator Handrail.....	248.35	44.60



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0113 LF 3/8" x 1-1/2" Diameter Tubular, Brushed Finish, Tubular Bronze Steel Elevator Handrail.....	190.52	44.60
14 01 20 71-0114 LF 3/8" x 2" Diameter Tubular, Brushed Finish, Bronze Steel Elevator Handrail.....	194.90	44.60
14 01 20 71-0115 LF 3/8" x 2-1/2" Diameter Tubular, Brushed Finish Bronze Steel Elevator Handrail.....	328.25	44.60
14 01 20 71-0116 LF 3/8" x 1-1/2" Diameter Tubular, Mirror Finish, Bronze Steel Elevator Handrail.....	214.47	44.60
14 01 20 71-0117 LF 3/8" x 2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail.....	329.09	44.60
14 01 20 71-0118 LF 3/8" x 2-1/2" Diameter Tubular, Mirror Finish, Bronze Elevator Handrail.....	372.66	44.60

### 14 01 30 Operation and Maintenance of Escalators and Moving Walks <sup>(14)</sup>

#### 14 01 30 71 Escalators and Moving Walks Rehabilitation <sup>(14 01 30)</sup>

14 01 30 71-0001 Maintenance <sup>(14 01 30 71)</sup>		
14 01 30 71-0002 EA Regular Escalator Inspection (Sufficient For Issue Of Certificate/Permit).....	732.72	
14 01 30 71-0003 HR Escalator Servicing, Labor Only.....	171.68	
14 01 30 71-0004 EA Acceptance Test Of Escalators And Moving Walks.....	4,029.96	

#### 14 01 30 71-0005 Modernization <sup>(14 01 30 71)</sup>

14 01 30 71-0006 EA Removal And Replacement Of 28" Wide Escalator Stair Tread.....	1,925.44	
14 01 30 71-0007 EA Removal And Replacement Of 36" Wide Escalator Stair Tread.....	2,064.36	
14 01 30 71-0008 EA Removal And Replacement Of 48" Wide Escalator Stair Tread.....	2,166.74	
14 01 30 71-0009 EA Removal And Replacement Of 54" Wide Escalator Stair Tread.....	2,337.50	
14 01 30 71-0010 LF Removal And Replacement Of Sliding Handrail.....	180.32	

### 14 20 Elevators <sup>(14)</sup>

Note: Excludes final electrical work or shaft walls.

#### 14 21 Electric Traction Elevators <sup>(14 20)</sup>

##### 14 21 13 Electric Traction Freight Elevators <sup>(14 21)</sup>

##### 14 21 13 00-0001 Electric Traction Freight Elevators <sup>(14 21 13)</sup>

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002 EA Electric Traction Freight Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings.....	357,012.82	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Elevator With Manual Door, Deduct	-10,000.00	
For Class "C-1" Loading, Add	1,529.39	
For Class "C-2" Loading, Add	1,836.00	
For Class "C-3" Loading, Add	2,511.65	
For Removal Of Existing Stop, Add	8,047.91	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-29,089.81	
For Each Additional 50 FPM, Add	5,508.00	
For Removal Of Existing Elevator, Add	40,239.56	
14 21 13 00-0003 EA Electric Traction Freight Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings.....	377,605.53	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Elevator With Manual Door, Deduct	-10,000.00	
For Class "C-1" Loading, Add	3,058.78	
For Class "C-2" Loading, Add	3,672.00	
For Class "C-3" Loading, Add	5,089.39	
For Removal Of Existing Stop, Add	8,047.91	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-29,089.81	
For Each Additional 50 FPM, Add	5,508.00	
For Removal Of Existing Elevator, Add	40,239.56	
14 21 13 00-0004 EA Electric Traction Freight Elevator, 6,000 Lb. x 200 FPM, 6 Stops, 6 Openings.....	399,742.52	
For Elevator With Manual Door, Deduct	-10,000.00	
For Class "C-1" Loading, Add	3,058.78	
For Class "C-2" Loading, Add	3,672.00	
For Class "C-3" Loading, Add	5,089.39	
For Custom Plastic Laminated Cab Interiors, Add	4,590.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,426.00	
For Stainless Steel Cab Interior, Add	8,262.00	
For Removal Of Existing Stop, Add	8,047.91	
For Each Additional Stop, Add	33,882.61	
For Each Additional 50 FPM, Add	5,508.00	
For Each Opening With Bonderized Steel Door, Add	275.40	
For Each Opening With Stainless Steel Doors, Add	550.80	
For Each Opening With Two Speed Doors, Add	688.50	
For Removal Of Existing Elevator, Add	40,239.56	
For Each Floor < 6 Stops, Deduct	-30,089.81	



**14 Conveying Equipment****14 20 Elevators****14 21 Electric Traction Elevators**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

14 21 13 00-0005	EA		Electric Traction Freight Elevator, 7,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	409,356.48	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Class "C-1" Loading, Add</i>	3,058.78	
			<i>For Class "C-2" Loading, Add</i>	3,672.00	
			<i>For Class "C-3" Loading, Add</i>	5,089.39	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,590.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,426.00	
			<i>For Stainless Steel Cab Interior, Add</i>	8,262.00	
			<i>For Removal Of Existing Stop, Add</i>	8,047.91	
			<i>For Each Additional Stop, Add</i>	33,882.61	
			<i>For Each Additional 50 FPM, Add</i>	5,508.00	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	275.40	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	550.80	
			<i>For Each Opening With Two Speed Doors, Add</i>	688.50	
			<i>For Removal Of Existing Elevator, Add</i>	40,239.56	
			<i>For Each Floor &lt; 6 Stops, Deduct</i>	-30,089.81	
14 21 13 00-0006	EA		Electric Traction Freight Elevator, 8,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	422,057.23	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional 50 FPM, Add</i>	13,847.00	
			<i>For Class "C-1" Loading, Add</i>	6,119.39	
			<i>For Class "C-2" Loading, Add</i>	7,344.00	
			<i>For Class "C-3" Loading, Add</i>	10,046.59	
			<i>For Removal Of Existing Stop, Add</i>	8,047.91	
			<i>For Each Additional Stop, Add</i>	33,882.61	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	367.20	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	642.60	
			<i>For Each Opening With Two Speed Doors, Add</i>	780.30	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,508.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,344.00	
			<i>For Stainless Steel Cab Interior, Add</i>	9,180.00	
			<i>For Removal Of Existing Elevator, Add</i>	40,239.56	
			<i>For Each Floor &lt; 6 Stops, Deduct</i>	-30,089.81	
14 21 13 00-0007	EA		Electric Traction Freight Elevator, 10,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	436,585.40	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional 50 FPM, Add</i>	13,847.00	
			<i>For Class "C-1" Loading, Add</i>	6,119.39	
			<i>For Class "C-2" Loading, Add</i>	7,344.00	
			<i>For Class "C-3" Loading, Add</i>	10,046.59	
			<i>For Removal Of Existing Stop, Add</i>	8,047.91	
			<i>For Each Additional Stop, Add</i>	33,882.61	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	367.20	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	642.60	
			<i>For Each Opening With Two Speed Doors, Add</i>	780.30	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,508.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,344.00	
			<i>For Stainless Steel Cab Interior, Add</i>	9,180.00	
			<i>For Removal Of Existing Elevator, Add</i>	40,239.56	
			<i>For Each Floor &lt; 6 Stops, Deduct</i>	-30,089.81	
14 21 13 00-0008	EA		Electric Traction Freight Elevator, 12,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	448,909.70	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional 50 FPM, Add</i>	13,847.00	
			<i>For Class "C-1" Loading, Add</i>	6,119.39	
			<i>For Class "C-2" Loading, Add</i>	7,344.00	
			<i>For Class "C-3" Loading, Add</i>	10,046.59	
			<i>For Removal Of Existing Stop, Add</i>	8,047.91	
			<i>For Each Additional Stop, Add</i>	33,882.61	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	367.20	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	642.60	
			<i>For Each Opening With Two Speed Doors, Add</i>	780.30	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,508.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,344.00	
			<i>For Stainless Steel Cab Interior, Add</i>	9,180.00	
			<i>For Removal Of Existing Elevator, Add</i>	40,239.56	
			<i>For Each Floor &lt; 6 Stops, Deduct</i>	-30,089.81	

**14 21 23 Electric Traction Passenger Elevators (14 21)****14 21 23 13 Machine Room Electric Traction Passenger Elevators (14 21 23)****14 21 23 13-0001 Electric Traction Passenger Elevators (14 21 23 13)**

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA		Electric Traction Passenger Elevator, 2,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	268,508.53	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	276.94	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	692.35	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	3,672.00	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,508.00	
			<i>For Stainless Steel Cab Interior, Add</i>	7,344.00	
			<i>For Each Additional 50 FPM, Add</i>	5,711.89	
			<i>For Removal Of Existing Stop, Add</i>	4,023.95	
			<i>For Each Additional Stop, Add</i>	32,964.61	
			<i>For Each Floor &lt; 6 Stops, Deduct</i>	-20,059.88	
			<i>For Removal Of Existing Elevator, Add</i>	30,179.67	



<b>Conveying Equipment</b>			<b>14</b>
<b>Elevators</b>			<b>14 20</b>
<b>Electric Traction Elevators</b>			<b>14 21</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0003 EA Electric Traction Passenger Elevator, 2,500 Lb. x 200 FPM, 6 Stops, 6 Openings .....	275,565.80	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	
14 21 23 13-0004 EA Electric Traction Passenger Elevator, 3,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	281,553.98	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	
14 21 23 13-0005 EA Electric Traction Passenger Elevator, 3,500 Lb. x 200 FPM, 6 Stops, 6 Openings .....	285,961.15	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	
14 21 23 13-0006 EA Electric Traction Passenger Elevator, 4,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	291,579.88	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	
14 21 23 13-0007 EA Electric Traction Passenger Elevator, 4,500 Lb. x 200 FPM, 6 Stops, 6 Openings .....	297,121.64	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	
14 21 23 13-0008 EA Electric Traction Passenger Elevator, 5,000 Lb. x 200 FPM, 6 Stops, 6 Openings .....	302,801.83	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Stop, Add	4,023.95	
For Each Additional Stop, Add	32,964.61	
For Each Floor < 6 Stops, Deduct	-20,059.88	
For Removal Of Existing Elevator, Add	30,179.67	

**14 24 Hydraulic Elevators** (14 20)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

**14 24 13 Hydraulic Freight Elevators** (14 24)

**14 24 13 00-0001 Hydraulic Freight Elevators** (14 24 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

**14 Conveying Equipment**

**14 20 Elevators**

**14 24 Hydraulic Elevators**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

14 24 13 00-0002	EA		Hydraulic Freight Elevator, 3,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	221,231.09	
			For Each Additional Stop, Add	25,419.58	
			For 2 Stops, Deduct	-15,519.70	
			For Each Opening With Bonderized Steel Door, Add	276.94	
			For Each Opening With Stainless Steel Doors, Add	692.35	
			For Each Opening With Two Speed Doors, Add	830.82	
			For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
			For Stainless Steel Cab Interior, Add	7,344.00	
			For Each Additional 50 FPM, Add	2,769.40	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Class "C-1" Loading, Add	1,529.39	
			For Class "C-2" Loading, Add	1,836.00	
			For Class "C-3" Loading, Add	2,511.65	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	52.88	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	82.62	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,047.91	
			For Removal Of Existing Elevator, Add	20,112.61	
14 24 13 00-0003	EA		Hydraulic Freight Elevator, 3,500 Lb. x 50 FPM, 3 Stops, 3 Openings .....	228,273.24	
			For Each Additional Stop, Add	25,419.58	
			For 2 Stops, Deduct	-15,519.70	
			For Each Opening With Bonderized Steel Door, Add	276.94	
			For Each Opening With Stainless Steel Doors, Add	692.35	
			For Each Opening With Two Speed Doors, Add	830.82	
			For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
			For Stainless Steel Cab Interior, Add	7,344.00	
			For Each Additional 50 FPM, Add	2,769.40	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Class "C-1" Loading, Add	1,529.39	
			For Class "C-2" Loading, Add	1,836.00	
			For Class "C-3" Loading, Add	2,511.65	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	52.88	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	82.62	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,047.91	
			For Removal Of Existing Elevator, Add	20,112.61	
14 24 13 00-0004	EA		Hydraulic Freight Elevator, 4,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	234,945.90	
			For Each Additional Stop, Add	25,419.58	
			For 2 Stops, Deduct	-15,519.70	
			For Each Opening With Bonderized Steel Door, Add	276.94	
			For Each Opening With Stainless Steel Doors, Add	692.35	
			For Each Opening With Two Speed Doors, Add	830.82	
			For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
			For Stainless Steel Cab Interior, Add	7,344.00	
			For Each Additional 50 FPM, Add	2,769.40	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Class "C-1" Loading, Add	1,529.39	
			For Class "C-2" Loading, Add	1,836.00	
			For Class "C-3" Loading, Add	2,511.65	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	52.88	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	82.62	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,047.91	
			For Removal Of Existing Elevator, Add	20,112.61	
14 24 13 00-0005	EA		Hydraulic Freight Elevator, 5,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	241,410.69	
			For Each Opening With Bonderized Steel Door, Add	276.94	
			For Each Opening With Stainless Steel Doors, Add	692.35	
			For Each Opening With Two Speed Doors, Add	830.82	
			For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
			For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
			For Stainless Steel Cab Interior, Add	7,344.00	
			For Each Additional 50 FPM, Add	2,769.40	
			For Elevator With Manual Door, Deduct	-10,000.00	
			For Each Additional Stop, Add	26,804.28	
			For 2 Stops, Deduct	-16,519.70	
			For Class "C-1" Loading, Add	3,058.78	
			For Class "C-2" Loading, Add	3,672.00	
			For Class "C-3" Loading, Add	5,089.39	
			For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
			Note: Includes Labor and Equipment.		
			For 12" PVC Liner, Add Per LF	52.88	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For 12" Steel Liner, Add Per LF	82.62	
			Note: Liner for Hydraulic Elevator Well Hole if necessary.		
			For Removal Of Existing Stop, Add	8,047.91	
			For Removal Of Existing Elevator, Add	20,112.61	



		<b>Conveying Equipment</b>	<b>14</b>
		<b>Elevators</b>	<b>14 20</b>
		<b>Hydraulic Elevators</b>	<b>14 24</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 13 00-0006 EA Hydraulic Freight Elevator, 6,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	254,957.96	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Elevator With Manual Door, Deduct	-10,000.00	
For Each Additional Stop, Add	26,804.28	
For 2 Stops, Deduct	-16,519.70	
For Class "C-1" Loading, Add	3,058.78	
For Class "C-2" Loading, Add	3,672.00	
For Class "C-3" Loading, Add	5,089.39	
For Each Additional 50 FPM, Add	13,847.00	
For Custom Plastic Laminated Cab Interiors, Add	4,590.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,426.00	
For Stainless Steel Cab Interior, Add	8,262.00	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Removal Of Existing Stop, Add	8,047.91	
For Removal Of Existing Elevator, Add	20,112.61	
14 24 13 00-0007 EA Hydraulic Freight Elevator, 7,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	261,454.59	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Elevator With Manual Door, Deduct	-10,000.00	
For Each Additional Stop, Add	26,804.28	
For 2 Stops, Deduct	-16,519.70	
For Class "C-1" Loading, Add	3,058.78	
For Class "C-2" Loading, Add	3,672.00	
For Class "C-3" Loading, Add	5,089.39	
For Each Additional 50 FPM, Add	13,847.00	
For Custom Plastic Laminated Cab Interiors, Add	4,590.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,426.00	
For Stainless Steel Cab Interior, Add	8,262.00	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Removal Of Existing Stop, Add	8,047.91	
For Removal Of Existing Elevator, Add	30,179.67	
14 24 13 00-0008 EA Hydraulic Freight Elevator, 8,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	271,274.63	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Elevator With Manual Door, Deduct	-10,000.00	
For Each Additional Stop, Add	26,804.28	
For 2 Stops, Deduct	-16,519.70	
For Custom Plastic Laminated Cab Interiors, Add	4,590.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,426.00	
For Stainless Steel Cab Interior, Add	8,262.00	
For Each Additional 50 FPM, Add	15,231.70	
For Class "C-1" Loading, Add	7,646.94	
For Class "C-2" Loading, Add	9,180.00	
For Class "C-3" Loading, Add	12,558.24	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Removal Of Existing Stop, Add	8,047.91	
For Removal Of Existing Elevator, Add	30,179.67	
14 24 13 00-0009 EA Hydraulic Freight Elevator, 10,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	278,396.34	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Elevator With Manual Door, Deduct	-10,000.00	
For Each Additional Stop, Add	26,804.28	
For 2 Stops, Deduct	-16,519.70	
For Custom Plastic Laminated Cab Interiors, Add	4,590.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,426.00	
For Stainless Steel Cab Interior, Add	8,262.00	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Removal Of Existing Stop, Add	8,047.91	
For Removal Of Existing Elevator, Add	30,179.67	
For Each Additional 50 FPM, Add	16,616.40	
For Class "C-1" Loading, Add	10,170.52	
For Class "C-2" Loading, Add	12,209.40	
For Class "C-3" Loading, Add	16,702.09	

**14 Conveying Equipment**

**14 20 Elevators**

**14 24 Hydraulic Elevators**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
14 24 13 00-0010	EA Hydraulic Freight Elevator, 12,000 Lb. x 50 FPM, 3 Stops, 3 Openings .....	290,571.44	
	<i>For Each Opening With Bonderized Steel Door, Add</i>	276.94	
	<i>For Each Opening With Stainless Steel Doors, Add</i>	692.35	
	<i>For Each Opening With Two Speed Doors, Add</i>	830.82	
	<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
	<i>For Each Additional Stop, Add</i>	26,804.28	
	<i>For 2 Stops, Deduct</i>	-16,519.70	
	<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,590.00	
	<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,426.00	
	<i>For Stainless Steel Cab Interior, Add</i>	8,262.00	
	<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	296.45	
	<i>Note: Includes Labor and Equipment.</i>		
	<i>For 12" PVC Liner, Add Per LF</i>	52.88	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For 12" Steel Liner, Add Per LF</i>	82.62	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For Removal Of Existing Stop, Add</i>	8,047.91	
	<i>For Removal Of Existing Elevator, Add</i>	30,179.67	
	<i>For Each Additional 50 FPM, Add</i>	16,616.40	
	<i>For Class "C-1" Loading, Add</i>	10,170.52	
	<i>For Class "C-2" Loading, Add</i>	12,209.40	
	<i>For Class "C-3" Loading, Add</i>	16,702.09	
<b>14 24 13 00-0011</b>	<b>Hydraulic Elevators Piston Drilling <sup>(14 24 13)</sup></b>		
14 24 13 00-0012	VLF Up To 6" Diameter Piston Drilling .....	95.36	
	<i>Note: Includes casing.</i>		
14 24 13 00-0013	VLF 8" To 10" Diameter Piston Drilling .....	114.00	
	<i>Note: Includes casing.</i>		
<b>14 24 23</b>	<b>Hydraulic Passenger Elevators <sup>(14 24)</sup></b>		
<b>14 24 23 00-0001</b>	<b>Hydraulic Passenger Elevators <sup>(14 24 23)</sup></b>		
	<i>Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.</i>		
14 24 23 00-0002	EA Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM, 3 Stops, 3 Openings .....	154,630.50	
	<i>For Each Additional Stop, Add</i>	25,419.58	
	<i>For Each Opening With Bonderized Steel Door, Add</i>	276.94	
	<i>For Each Opening With Stainless Steel Doors, Add</i>	692.35	
	<i>For Custom Plastic Laminated Cab Interiors, Add</i>	3,672.00	
	<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,508.00	
	<i>For Stainless Steel Cab Interior, Add</i>	7,344.00	
	<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	296.45	
	<i>Note: Includes Labor and Equipment.</i>		
	<i>For 12" PVC Liner, Add Per LF</i>	52.88	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For 12" Steel Liner, Add Per LF</i>	82.62	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For Each Additional 50 FPM, Add</i>	5,711.89	
	<i>For Removal Of Existing Elevator, Add</i>	20,112.61	
	<i>For Removal Of Existing Stop, Add</i>	4,023.95	
	<i>For 2 Stops, Deduct</i>	-10,000.00	
14 24 23 00-0003	EA Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM, 3 Stops, 3 Openings .....	157,399.90	
	<i>For Each Additional Stop, Add</i>	25,419.58	
	<i>For Each Opening With Bonderized Steel Door, Add</i>	276.94	
	<i>For Each Opening With Stainless Steel Doors, Add</i>	692.35	
	<i>For Custom Plastic Laminated Cab Interiors, Add</i>	3,672.00	
	<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,508.00	
	<i>For Stainless Steel Cab Interior, Add</i>	7,344.00	
	<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	296.45	
	<i>Note: Includes Labor and Equipment.</i>		
	<i>For 12" PVC Liner, Add Per LF</i>	52.88	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For 12" Steel Liner, Add Per LF</i>	82.62	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For Each Additional 50 FPM, Add</i>	5,711.89	
	<i>For Removal Of Existing Elevator, Add</i>	20,112.61	
	<i>For Removal Of Existing Stop, Add</i>	4,023.95	
	<i>For 2 Stops, Deduct</i>	-10,000.00	
14 24 23 00-0004	EA Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM, 3 Stops, 3 Openings .....	159,303.86	
	<i>For Each Additional Stop, Add</i>	25,419.58	
	<i>For Each Opening With Bonderized Steel Door, Add</i>	276.94	
	<i>For Each Opening With Stainless Steel Doors, Add</i>	692.35	
	<i>For Custom Plastic Laminated Cab Interiors, Add</i>	3,672.00	
	<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,508.00	
	<i>For Stainless Steel Cab Interior, Add</i>	7,344.00	
	<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	296.45	
	<i>Note: Includes Labor and Equipment.</i>		
	<i>For 12" PVC Liner, Add Per LF</i>	52.88	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For 12" Steel Liner, Add Per LF</i>	82.62	
	<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
	<i>For Each Additional 50 FPM, Add</i>	5,711.89	
	<i>For Removal Of Existing Elevator, Add</i>	20,112.61	
	<i>For Removal Of Existing Stop, Add</i>	4,023.95	
	<i>For 2 Stops, Deduct</i>	-10,000.00	





		<b>Conveying Equipment</b>	<b>14</b>
		Elevators	14 20
		Hydraulic Elevators	14 24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0005 EA Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM, 3 Stops, 3 Openings .....	166,793.06	
For Each Additional Stop, Add	25,419.58	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Elevator, Add	20,112.61	
For Removal Of Existing Stop, Add	4,023.95	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0006 EA Hydraulic Passenger Elevator, 4,000 Lb. x 100 FPM, 3 Stops, 3 Openings .....	169,865.00	
For Each Additional Stop, Add	25,419.58	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Elevator, Add	20,112.61	
For Removal Of Existing Stop, Add	4,023.95	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0007 EA Hydraulic Passenger Elevator, 4,500 Lb. x 100 FPM, 3 Stops, 3 Openings .....	173,915.75	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional Stop, Add	26,804.28	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Elevator, Add	20,112.61	
For Removal Of Existing Stop, Add	4,023.95	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0008 EA Hydraulic Passenger Elevator, 5,000 Lb. x 100 FPM, 3 Stops, 3 Openings .....	178,188.34	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Each Opening With Two Speed Doors, Add	830.82	
For Custom Plastic Laminated Cab Interiors, Add	3,672.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,508.00	
For Stainless Steel Cab Interior, Add	7,344.00	
For Each Additional Stop, Add	26,804.28	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	296.45	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	52.88	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	82.62	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	5,711.89	
For Removal Of Existing Elevator, Add	20,112.61	
For Removal Of Existing Stop, Add	4,023.95	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0009 Twin Jack Holeless Hydraulic Passenger Elevator <sup>(14 24 23)</sup>		
Note: Baked enamel shaft doors and plastic laminated trimmed cab. Excludes flooring, shaft construction/alterations, pit or mechanical room construction. Connect to established utilities.		
14 24 23 00-0010 EA Twin Holeless Hydraulic Passenger Elevator, 2,100 Lb. x 100 FPM .....	133,004.68	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,213.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	4,590.00	
For Stainless Steel Cab Interior, Add	5,508.00	
For Removal Of Existing Elevator, Add	20,112.61	
For Each Additional Stop, Add	26,928.03	
For An Additional 25 FPM, Add	2,333.22	



<b>14</b>	<b>14</b>	<b>Conveying Equipment</b>
	<b>14 20</b>	<b>Elevators</b>
	<b>14 24</b>	<b>Hydraulic Elevators</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0011 EA Twin Holeless Hydraulic Passenger Elevator, 2,500 Lb. x 100 FPM .....	137,961.12	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,213.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	4,590.00	
For Stainless Steel Cab Interior, Add	5,508.00	
For Removal Of Existing Elevator, Add	20,112.61	
For Each Additional Stop, Add	26,928.03	
For An Additional 25 FPM, Add	2,333.22	
14 24 23 00-0012 EA Twin Holeless Hydraulic Passenger Elevator, 3,000 Lb. x 100 FPM .....	142,725.62	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,213.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	4,590.00	
For Stainless Steel Cab Interior, Add	5,508.00	
For Removal Of Existing Elevator, Add	20,112.61	
For Each Additional Stop, Add	26,928.03	
For An Additional 25 FPM, Add	2,333.22	
14 24 23 00-0013 EA Twin Holeless Hydraulic Passenger Elevator, 3,500 Lb. x 100 FPM .....	165,401.12	
For Each Opening With Bonderized Steel Door, Add	276.94	
For Each Opening With Stainless Steel Doors, Add	692.35	
For Custom Plastic Laminated Cab Interiors, Add	3,213.00	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	4,590.00	
For Stainless Steel Cab Interior, Add	5,508.00	
For Removal Of Existing Elevator, Add	20,112.61	
For Each Additional Stop, Add	26,928.03	
For An Additional 25 FPM, Add	2,333.22	

**14 26 Limited-Use/Limited-Application Elevators** (14 20)

14 26 00 00-0001	Small Elevators (LULA) <small>(14 26)</small>		
14 26 00 00-0002 EA	Small Elevators (LULA), 1,400 Lb. x 30 FPM, 2 Stops, 2 Openings .....	97,428.89	
	Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.		
	For Each Additional Stop, Add	16,131.78	
	For Removal Of Existing Elevator, Add	6,035.93	

**14 27 Custom Elevator Cabs and Doors** (14 20)

14 27 13	Custom Elevator Cab Finishes <small>(14 27)</small>		
14 27 13 00-0001	Custom Elevator Cab Finish Options <small>(14 27 13)</small>		
	Note: Review elevator task modifiers for additional cab finishes.		
14 27 13 00-0002 EA	Intercom Service .....	1,461.35	
14 27 13 00-0003	Custom Elevator Hall Finish Options <small>(14 27 13)</small>		
14 27 13 00-0004 EA	Stainless Steel Door, Hall Finishes .....	1,680.91	
14 27 13 00-0005 EA	Stainless Steel Frames, Hall Finishes .....	1,766.38	
14 27 13 00-0006 EA	Hall Lantern, Signal Devices .....	924.08	

**14 27 16 Custom Elevator Doors** (14 27)

14 27 16 00-0001	Custom Elevator Door Options <small>(14 27 16)</small>		
14 27 16 00-0002 EA	Center Opening, 1 Speed Doors .....	3,599.50	
14 27 16 00-0003 EA	Center Opening, 2 Speed Doors .....	4,568.16	
14 27 16 00-0004 EA	Rear Opening Doors (Opposite Front) .....	6,306.05	
14 27 16 00-0005 EA	Side Opening, 2 Speed Doors .....	9,924.28	
14 27 16 00-0006 EA	Bi-Parting Doors .....	10,864.35	
14 27 16 00-0007 EA	Power Operated Door And Gate .....	32,459.77	

**14 28 Elevator Equipment and Controls** (14 20)

14 28 16	Elevator Controls <small>(14 28)</small>		
14 28 16 00-0001	Passenger Or Freight Elevator Options <small>(14 28 16)</small>		
14 28 16 00-0002 EA	2 Car Group, Elevator Automatic Controls .....	8,899.20	1,149.44
14 28 16 00-0003 EA	3 Car Group, Elevator Automatic Controls .....	13,474.08	1,722.92
14 28 16 00-0004 EA	4 Car Group, Elevator Automatic Controls .....	20,686.39	2,297.21
14 28 16 00-0005 EA	5 Car Group, Elevator Automatic Controls .....	28,969.12	2,915.65
14 28 16 00-0006 EA	6 Car Group, Elevator Automatic Controls .....	40,139.15	3,445.78
14 28 16 00-0007 EA	Duplex Care Selective Collective .....	8,300.25	
14 28 16 00-0008 EA	Automatic Emergency Power Switching .....	5,194.84	
14 28 16 00-0009 EA	Manual Emergency Power Switching .....	918.39	
14 28 16 00-0010 EA	Up To 3, Position Indicator, Signal Devices .....	220.48	
14 28 16 00-0011 EA	>3, Position Indicator, Signal Devices .....	185.43	
14 28 16 00-0012 EA	High Speed Heavy-Duty Door Opener .....	3,133.90	
14 28 16 00-0013 EA	Variable Voltage, Overhead Gearless Machine, Minimum .....	54,637.65	
14 28 16 00-0014 EA	Variable Voltage, Overhead Gearless Machine, Average .....	89,229.03	



		<b>Conveying Equipment</b>	<b>14</b>
		Elevators	14 20
		Elevator Equipment and Controls	14 28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 28 16 00-0015	EA		Variable Voltage, Overhead Gearless Machine, Maximum .....	123,666.08	
14 28 16 00-0016	EA		Variable Voltage, Basement Installed Geared Machine, Minimum .....	22,982.41	
14 28 16 00-0017	EA		Variable Voltage, Basement Installed Geared Machine, Average .....	28,224.57	
14 28 16 00-0018	EA		Variable Voltage, Basement Installed Geared Machine, Maximum .....	31,187.53	

## 14 30 Escalators and Moving Walks <sup>(14)</sup>

### 14 31 Escalators <sup>(14 30)</sup>

#### 14 31 00 00-0001

#### Stainless Steel Escalator Construction <sup>(14 31)</sup>

Note: Prices are medians and are based on each moving stairway. Complete, includes all standard accessories and single microprocessor controlled electronic display sign packages, LED.

14 31 00 00-0002	EA		Escalators Stainless Steel, 32" Wide x 12' Floor To Floor Height.....	152,054.60	12,866.99
14 31 00 00-0003	EA		Escalators Stainless Steel, 32" Wide x 15' Floor To Floor Height.....	168,400.76	15,206.45
14 31 00 00-0004	EA		Escalators Stainless Steel, 32" Wide x 18' Floor To Floor Height.....	183,386.17	17,545.90
14 31 00 00-0005	EA		Escalators Stainless Steel, 32" Wide x 22' Floor To Floor Height.....	202,686.66	21,055.08
14 31 00 00-0006	EA		Escalators Stainless Steel, 32" Wide x 25' Floor To Floor Height.....	223,815.91	23,394.53
14 31 00 00-0007	EA		Escalators Stainless Steel, 36" Wide x 12' Floor To Floor Height.....	160,806.78	13,685.80
14 31 00 00-0008	EA		Escalators Stainless Steel, 36" Wide x 15' Floor To Floor Height.....	178,420.26	16,376.17
14 31 00 00-0009	EA		Escalators Stainless Steel, 36" Wide x 18' Floor To Floor Height.....	193,386.85	18,715.62
14 31 00 00-0010	EA		Escalators Stainless Steel, 36" Wide x 22' Floor To Floor Height.....	217,881.11	23,511.50
14 31 00 00-0011	EA		Escalators Stainless Steel, 36" Wide x 25' Floor To Floor Height.....	234,798.65	25,266.10
14 31 00 00-0012	EA		Escalators Stainless Steel, 48" Wide x 12' Floor To Floor Height.....	169,938.76	14,504.61
14 31 00 00-0013	EA		Escalators Stainless Steel, 48" Wide x 15' Floor To Floor Height.....	189,122.96	17,545.90
14 31 00 00-0014	EA		Escalators Stainless Steel, 48" Wide x 18' Floor To Floor Height.....	203,697.53	19,885.35
14 31 00 00-0015	EA		Escalators Stainless Steel, 48" Wide x 22' Floor To Floor Height.....	234,109.94	24,798.20
14 31 00 00-0016	EA		Escalators Stainless Steel, 48" Wide x 25' Floor To Floor Height.....	248,486.09	27,137.66
14 31 00 00-0017	EA		Escalator Fire Shutter Fusible Link.....	22,495.74	467.89

## 14 40 Lifts <sup>(14)</sup>

### 14 41 People Lifts <sup>(14 40)</sup>

#### 14 41 16 Endless-Belt People Lifts <sup>(14 41)</sup>

#### 14 41 16 00-0001

#### Personnel Lifts Electrically Operated <sup>(14 41 16)</sup>

Note: 1 Or 2 person lift by vertical belt with attached foot platforms average of 36" diameter openings.

14 41 16 00-0002	EA		Personnel Lifts, Electric, 1-2 Person, 3 Stops.....	28,590.64	
			<i>For An Additional Stop, Add</i>	816.78	
			<i>For Tinted Plexiglas Enclosure, Weatherproof, Add</i>	3,430.88	
14 41 16 00-0003	EA		Personnel Lifts, Electric, 1-2 Person, 5 Stops.....	30,075.86	
			<i>For An Additional Stop, Add</i>	816.78	
			<i>For Tinted Plexiglas Enclosure, Weatherproof, Add</i>	3,609.10	
14 41 16 00-0004	EA		Personnel Lifts, Electric, 1-2 Person, 7 Stops.....	31,561.09	
			<i>For An Additional Stop, Add</i>	816.78	
			<i>For Tinted Plexiglas Enclosure, Weatherproof, Add</i>	3,787.33	

#### 14 41 19 Stairway Chairlifts <sup>(14 41)</sup>

#### 14 41 19 00-0001

#### Chair Lift-Stair Climber <sup>(14 41 19)</sup>

Note: Includes landing, rails, lifting device and gates.

14 41 19 00-0002	EA		Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity .....	7,694.26	976.96
------------------	----	--	---	----------	--------

Note: Includes top and bottom call button, safety chair, track, and power unit.

## 14 42 Wheelchair Lifts <sup>(14 40)</sup>

### 14 42 13 Inclined Wheelchair Lifts <sup>(14 42)</sup>

#### 14 42 13 00-0001

#### Inclined Platform Wheelchair Lift-Stair Climber <sup>(14 42 13)</sup>

Note: Includes landing, rails, lifting device and gates.

14 42 13 00-0002	EA		Inclined Wheelchair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 Lb. Capacity .....	14,469.40	1,465.43
------------------	----	--	---	-----------	----------

Note: Includes top and bottom call button, safety chair, track, and power unit.

### 14 42 16 Vertical Wheelchair Lifts <sup>(14 42)</sup>

#### 14 42 16 00-0001

#### Wheelchair Lift (Shorty) <sup>(14 42 16)</sup>

14 42 16 00-0002	EA		36" Vertical Travel Wheelchair Platform Scissor Lift.....	9,416.52	683.88
			Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
			<i>For Accordion Safety Skirt, Add</i>	1,088.87	
			<i>For Removable Handrails, Add</i>	110.97	
			<i>For Power Operated Ramp, Add</i>	970.97	

**14 Conveying Equipment**

**14 40 Lifts**

**14 42 Wheelchair Lifts**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 42 16 00-0003	EA		42" Vertical Travel Wheelchair Platform Scissor Lift.....	11,576.45	854.84
			Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
			For 2,000 Lb. Capacity, Add	651.94	
			For 3,000 Lb. Capacity, Add	1,088.87	
			For 4,000 Lb. Capacity, Add	1,629.84	
			For Accordion Safety Skirt, Add	1,088.87	
			For Removable Handrails, Add	110.97	
			For Power Operated Ramp, Add	970.97	
14 42 16 00-0004	EA		70" Vertical Travel Wheelchair Platform Scissor Lift.....	13,765.62	1,111.29
			Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
			For 2,000 Lb. Capacity, Add	651.94	
			For 3,000 Lb. Capacity, Add	1,088.87	
			For 4,000 Lb. Capacity, Add	1,629.84	
			For Accordion Safety Skirt, Add	1,088.87	
			For Removable Handrails, Add	110.97	
			For Power Operated Ramp, Add	970.97	
14 42 16 00-0005	EA		84" Vertical Travel Wheelchair Platform Scissor Lift.....	15,453.95	1,282.26
			Note: 1,000 Lb. capacity. Includes handrails and manual ramp.		
			For 2,000 Lb. Capacity, Add	651.94	
			For 3,000 Lb. Capacity, Add	1,088.87	
			For 4,000 Lb. Capacity, Add	1,629.84	
			For Accordion Safety Skirt, Add	1,088.87	
			For Removable Handrails, Add	110.97	
			For Power Operated Ramp, Add	970.97	
14 42 16 00-0006	EA		18' Travel Wheelchair Incline Lift.....	16,167.75	610.60
			Note: 500 Lb. capacity, interior installation.		

**END OF SECTION 14**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 21 Fire Suppression

### 21 01 Operation and Maintenance of Fire Suppression <sup>(21)</sup>

#### 21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems <sup>(21 01)</sup>

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

##### 21 01 10 91 Water-Based Fire-Suppression Systems Restoration <sup>(21 01 10)</sup>

21 01 10 91-0001	EA	Relocate Sprinkler Head And Branch Piping <sup>(21 01 10 91)</sup>	571.32
See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).			
21 01 10 91-0002	EA	Relocate 1 Existing Sprinkler Head And Branch Piping.....	571.32
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.			
21 01 10 91-0003	EA	Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping.....	342.80
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.			
21 01 10 91-0004	EA	Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping.....	137.12
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.			
21 01 10 91-0005	EA	Relocate >10 Existing Sprinkler Heads And Branch Piping.....	68.56
Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.			

21 01 10 91-0006	EA	Purge And Refill System Sprinkler Piping <sup>(21 01 10 91)</sup>	
Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.			
21 01 10 91-0007	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	379.19
21 01 10 91-0008	EA	>100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	541.56
21 01 10 91-0009	EA	>250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	648.89
21 01 10 91-0010	EA	>500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	811.12
21 01 10 91-0011	EA	>1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	1,054.45
21 01 10 91-0012	LF	>2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....	0.52
21 01 10 91-0013	EA	Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	530.87
21 01 10 91-0014	EA	>100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	758.19
21 01 10 91-0015	EA	>250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	908.45
21 01 10 91-0016	EA	>500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,135.56
21 01 10 91-0017	EA	>1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,476.23
21 01 10 91-0018	LF	>2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	0.74
21 01 10 91-0019	EA	Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	729.94
21 01 10 91-0020	EA	>100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,042.51
21 01 10 91-0021	EA	>250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,249.13
21 01 10 91-0022	EA	>500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,561.40
21 01 10 91-0023	EA	>1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	2,029.82
21 01 10 91-0024	LF	>2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....	1.02
21 01 10 91-0025	EA	Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	985.42
21 01 10 91-0026	EA	>100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,407.38
21 01 10 91-0027	EA	>250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,494.13
21 01 10 91-0028	EA	>500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1,867.65
21 01 10 91-0029	EA	>1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	2,427.95
21 01 10 91-0030	LF	>2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....	1.21

#### 21 01 30 Operation and Maintenance of Fire-Suppression Equipment <sup>(21 01)</sup>

##### 21 01 30 91 Fire-Suppression Equipment Restoration <sup>(21 01 30)</sup>

21 01 30 91-0001	EA	Inspection And Recharge <sup>(21 01 30 91)</sup>	
21 01 30 91-0002	EA	Inspection, CO2, Carbon Dioxide.....	245.67
21 01 30 91-0003	LB	Refill/Recharge, CO2, Carbon Dioxide.....	2.97
21 01 30 91-0004	EA	Inspection, Halon 1301.....	245.67
21 01 30 91-0005	LB	Refill/Recharge, Halon 1301.....	71.32
21 01 30 91-0006	EA	Inspection, WC, Wet Chemical.....	148.54
21 01 30 91-0007	GAL	Refill/Recharge, WC, Wet Chemical.....	66.86
21 01 30 91-0008	EA	Inspection, DC, Dry Chemical.....	148.54
21 01 30 91-0009	LB	Refill/Recharge, DC, Dry Chemical.....	5.94
21 01 30 91-0010	EA	Hydrostatic Testing, All Sizes, All Agents.....	45.71
See CSI section 23 05 93 00-0046 for testing existing piping systems.			
21 01 30 91-0011	EA	Disarm/Arm System.....	79.99

### 21 05 Common Work Results for Fire Suppression <sup>(21)</sup>

#### 21 05 13 Common Motor Requirements for Fire-Suppression Equipment

<sup>(21 05)</sup>  
Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

#### 21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping <sup>(21 05)</sup>

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

<b>21</b>	<b>21 Fire Suppression</b>
	<b>21 05 Common Work Results for Fire Suppression</b>
	<b>21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping** <sup>(21 05)</sup>  
See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

**21 05 19 Meters and Gages for Fire-Suppression Systems** <sup>(21 05)</sup>  
See CSI section 33 19 00 00-0000 for water utility service metering.

<b>21 05 19 00-0001</b>	<b>Fire Sprinkler System Water Pressure Gauge</b> <sup>(21 05 19)</sup>		
21 05 19 00-0002	EA 2" Diameter Dial, 0-200 PSI, Water Pressure Gauge ..... Note: For fire sprinkler systems	49.65	13.19
21 05 19 00-0003	EA 2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge ..... Note: For fire sprinkler systems	51.56	13.19
21 05 19 00-0004	EA 3" Diameter Dial, 0-300 PSI, Water Pressure Gauge ..... Note: For fire sprinkler systems	60.48	13.19
21 05 19 00-0005	EA 3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge ..... Note: For fire sprinkler systems	64.14	13.19
21 05 19 00-0006	EA 4" Diameter Dial, 0-300 PSI, Water Pressure Gauge ..... Note: For fire sprinkler systems	67.80	13.19

<b>21 05 19 00-0007</b>	<b>Fire Service Meter Cast Iron Housing</b> <sup>(21 05 19)</sup>		
21 05 19 00-0008	EA 3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing ..... <i>For &gt;10 To 25, Deduct</i> <i>For &gt;25, Deduct</i> <i>For Owner Furnished Material, Deduct</i>	7,489.82 -374.49 -1,100.93 -7,264.39	180.12
21 05 19 00-0009	EA 4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing ..... <i>For &gt;10 To 25, Deduct</i> <i>For &gt;25, Deduct</i> <i>For Owner Furnished Material, Deduct</i>	15,302.45 -765.12 -2,257.53 -14,924.04	301.96
21 05 19 00-0010	EA 6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing ..... <i>For &gt;10 To 25, Deduct</i> <i>For &gt;25, Deduct</i> <i>For Owner Furnished Material, Deduct</i>	20,752.84 -1,037.64 -3,055.40 -20,177.58	458.57
21 05 19 00-0011	EA 8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing ..... <i>For &gt;10 To 25, Deduct</i> <i>For &gt;25, Deduct</i> <i>For Owner Furnished Material, Deduct</i>	27,072.32 -1,353.62 -3,988.06 -26,344.44	585.94
21 05 19 00-0012	EA 10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing ..... <i>For &gt;10 To 25, Deduct</i> <i>For &gt;25, Deduct</i> <i>For Owner Furnished Material, Deduct</i>	38,172.97 -1,908.65 -5,636.78 -37,281.31	713.32

**21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping** <sup>(21 05)</sup>  
See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

**21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment** <sup>(21 05)</sup>  
See CSI section 23 05 29 00-0000 for hangers and supports.

**21 05 33 Heat Tracing for Fire-Suppression Piping** <sup>(21 05)</sup>  
See CSI section 23 83 13 13-0000 for heat tracing cables.

**21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment** <sup>(21 05)</sup>

**21 05 48 13 Vibration Controls for Fire-Suppression Piping and Equipment** <sup>(21 05 48)</sup>  
See CSI section 23 05 48 13-0000 for vibration and seismic control.

**21 05 53 Identification for Fire-Suppression Piping and Equipment** <sup>(21 05)</sup>  
See CSI section 23 05 53 00-0000 for identification.

**21 07 Fire-Suppression Systems Insulation** <sup>(21)</sup>

**21 07 16 Fire-Suppression Equipment Insulation** <sup>(21 07)</sup>  
See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.

**21 07 19 Fire-Suppression Piping Insulation** <sup>(21 07)</sup>  
See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.

**21 10 Water-Based Fire-Suppression Systems** <sup>(21)</sup>  
See CSI section 22 11 16 00-0383 for copper pipe, 22 11 16 00-0761 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.

**21 11 Facility Fire-Suppression Water-Service Piping** <sup>(21 10)</sup>

**21 11 19 Fire-Department Connections** <sup>(21 11)</sup>

<b>21 11 19 00-0001</b>	<b>Fire Department Connections</b> <sup>(21 11 19)</sup>		
21 11 19 00-0002	EA 4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass ..... <i>For Polished Chrome, Add</i>	1,037.08 65.27	339.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 11 19 00-0003 EA 6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass ..... <i>For Polished Chrome, Add</i>	1,443.21 99.91	424.85
21 11 19 00-0004 EA 4" x 3" x 3" Siamese Connection, Polished Brass ..... <i>For Polished Chrome, Add</i>	1,527.51 126.55	339.88
21 11 19 00-0005 EA 6" x 3" x 3" Siamese Connection, Polished Brass ..... <i>For Polished Chrome, Add</i>	2,018.68 171.84	424.85
21 11 19 00-0006 EA 6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass..... <i>For Polished Chrome, Add</i>	2,159.36 189.43	424.85
21 11 19 00-0007 EA Sidewalk Type Connection With Plug And Chain, Polished Brass..... <i>For Polished Chrome, Add</i>	1,849.70 146.09	449.65
21 11 19 00-0008 EA Wall Type Connection With Plug And Chain, Polished Brass..... <i>For Polished Chrome, Add</i>	1,185.47 83.82	339.88
<b>21 11 19 00-0009 Wall Type Indicator Post, Wheel Operated</b> <sup>(21 11 19)</sup> See CSI section 33 14 19 00-0001 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010 EA Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773).....	2,327.38	301.96
<b>21 12 Fire-Suppression Standpipes</b> <sup>(21 10)</sup> See CSI section 23 21 13 23-0000 for black steel pipe.		
<b>21 12 13 Fire-Suppression Hoses and Nozzles</b> <sup>(21 12)</sup>		
<b>21 12 13 00-0001 Fire Hose</b> <sup>(21 12 13)</sup>		
<b>21 12 13 00-0002 Fire Hose Without Couplings</b> <sup>(21 12 13 00-0001)</sup>		
21 12 13 00-0003 LF 1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	2.91	2.29
21 12 13 00-0004 LF 2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	3.38	2.29
21 12 13 00-0005 LF 2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	3.08	2.29
21 12 13 00-0006 LF 3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings.....	3.59	2.29
21 12 13 00-0007 LF 1-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings.....	3.23	2.29
21 12 13 00-0008 LF 2-1/2" Cotton Fire Hose, 300 Lb. Test With 1-1/2" Rubber Lining Without Couplings.....	3.96	2.29
21 12 13 00-0009 LF 1-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings.....	3.32	2.29
21 12 13 00-0010 LF 2-1/2" Cotton Fire Hose, 400 Lb. Test With 1-1/2" Rubber Lining Without Couplings.....	4.17	2.29
<b>21 12 13 00-0011 Fire Hose With Aluminum Couplings</b> <sup>(21 12 13 00-0001)</sup>		
21 12 13 00-0012 LF 1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	8.34	1.26
21 12 13 00-0013 LF 2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	10.49	1.48
21 12 13 00-0014 LF 3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	18.16	1.48
<b>21 12 13 00-0015 Fire Hose Accessories</b> <sup>(21 12 13 00-0001)</sup>		
21 12 13 00-0016 EA Hose Coupling With 1-1/2" Pin Lug.....	248.39	37.71
21 12 13 00-0017 EA Hose Coupling With 2-1/2" Pin Lug.....	393.84	42.28
21 12 13 00-0018 EA 1-1/2" x 10" Brass Straight Nozzle.....	93.28	29.71
21 12 13 00-0019 EA 2-1/2" x 12" Brass Straight Nozzle.....	182.43	29.71
21 12 13 00-0020 EA 1-1/2" Brass Fog Type Nozzle.....	145.27	29.71
21 12 13 00-0021 EA 2-1/2" Brass Fog Type Nozzle.....	207.87	29.71
21 12 13 00-0022 EA 1-1/2" Brass 100' Hose Rack.....	323.19	125.69
21 12 13 00-0023 EA 2-1/2" Brass 100' Hose Rack.....	444.87	125.69
<b>21 12 23 Fire-Suppression Hose Valves</b> <sup>(21 12)</sup>		
<b>21 12 23 00-0001 Standpipe Valves</b> <sup>(21 12 23)</sup>		
21 12 23 00-0002 EA 2-1/2" Fire Department Valve, Polished Brass With Plug And Chain..... <i>For Polished Chrome, Add</i>	806.19 69.85	224.83
21 12 23 00-0003 EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,357.44 152.54	224.73
21 12 23 00-0004 EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,771.01 210.39	243.09
21 12 23 00-0005 EA 3" x 3" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	2,151.80 271.70	224.73
21 12 23 00-0006 EA 3" x 3" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	2,536.59 325.23	243.09
21 12 23 00-0007 EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,273.01 139.88	224.73
21 12 23 00-0008 EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,903.40 230.25	243.09
21 12 23 00-0009 EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	2,471.73 254.43	232.00
21 12 23 00-0010 EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	3,570.91 381.64	257.76
21 12 23 00-0011 EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	2,661.69 277.22	232.00
21 12 23 00-0012 EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	3,857.11 415.98	257.76
21 12 23 00-0013 EA 2-1/2" x 2-1/2" x 2-1/2" x 2-1/2" 6" Fire Department Valve, Square, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	12,026.75 1,155.81	309.27



<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 10</b>	<b>Water-Based Fire-Suppression Systems</b>
	<b>21 12</b>	<b>Fire-Suppression Standpipes</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 12 23 00-0014</b>	<b>Fire Hose Angle Valves <sup>(21 12 23)</sup></b>	
21 12 23 00-0015 EA 1-1/2", 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve .....	234.06	30.86
21 12 23 00-0016 EA 1-1/2", 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve .....	280.05	30.86
21 12 23 00-0017 EA 1-1/2", 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve .....	263.33	30.86
21 12 23 00-0018 EA 1-1/2", 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve .....	309.32	30.86
21 12 23 00-0019 EA 2-1/2", 300 Lb. Rated, Cast Brass, Fire Hose Angle Valve .....	416.73	51.42
21 12 23 00-0020 EA 2-1/2", 300 Lb. Rated, Polished Brass, Fire Hose Angle Valve .....	483.64	51.42
21 12 23 00-0021 EA 2-1/2", 300 Lb. Rated, Rough Chrome Plated, Fire Hose Angle Valve .....	489.21	51.42
21 12 23 00-0022 EA 2-1/2", 300 Lb. Rated, Polished Chrome Plated, Fire Hose Angle Valve .....	556.11	51.42
<b>21 12 29</b>	<b>Fire-Suppression Fire Hose Equipment <sup>(21 12)</sup></b>	
<b>21 12 29 00-0001</b>	<b>Standpipe And Fire Hose Equipment <sup>(21 12 29)</sup></b>	
21 12 29 00-0002 EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass .....	3,989.16	557.32
21 12 29 00-0003 EA Water Motor Gong .....	1,434.64	174.59
21 12 29 00-0004 EA Fire Riser Flow Switch (National Fire Protection Association 13) .....	1,365.68	20.31
21 12 29 00-0005 EA Water Flow Supervisory (Tamper) Switch Mounted On Valve .....	252.48	34.75
<b>21 12 29 00-0006</b>	<b>Water Flow Detector <sup>(21 12 29)</sup></b>	
<b>21 12 29 00-0007</b>	<b>Pressure-Type Water Flow Detector <sup>(21 12 29 00-0006)</sup></b>	
21 12 29 00-0008 EA Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe .....	402.57	106.92
21 12 29 00-0009 EA Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe .....	584.25	141.67
21 12 29 00-0010 EA Pressure-Type Water Flow Detector For >4" To 8" Pipe .....	913.56	160.37
<b>21 12 29 00-0011</b>	<b>Vane-Type Water Flow Detector <sup>(21 12 29 00-0006)</sup></b>	
21 12 29 00-0012 EA Vane-Type Water Flow Detector For Up To 2-1/2" Pipe .....	504.70	106.92
21 12 29 00-0013 EA Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe .....	709.37	141.67
21 12 29 00-0014 EA Vane-Type Water Flow Detector For >4" To 8" Pipe .....	1,111.91	160.37
<b>21 13</b>	<b>Fire-Suppression Sprinkler Systems <sup>(21 10)</sup></b>	
<b>21 13 13</b>	<b>Wet-Pipe Sprinkler Systems <sup>(21 13)</sup></b>	
<b>21 13 13 00-0001</b>	<b>Complete Wet Pipe Sprinkler Systems Assemblies <sup>(21 13 13)</sup></b>	
Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc.) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.		
<b>21 13 13 00-0002</b>	<b>Light Hazard, Complete Wet-Pipe Sprinkler System Assemblies <sup>(21 13 13 00-0001)</sup></b>	
21 13 13 00-0003 EA Exposed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly .....	922.15	
Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	<i>For Copper Pipe, Add</i>	120.01
	<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-166.11
	<i>For Up To 5, Add</i>	405.49
	<i>For &gt;5 To 10, Add</i>	239.38
	<i>For &gt;10 To 20, Add</i>	147.17
	<i>For &gt;20 To 40, Add</i>	64.42
	<i>For &gt;100 To 150, Deduct</i>	-92.22
	<i>For &gt;150, Deduct</i>	-184.43
21 13 13 00-0004 EA Concealed Piping, Light Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly .....	1,140.70	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	<i>For Copper Pipe, Add</i>	144.13
	<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-201.17
	<i>For Up To 5, Add</i>	510.23
	<i>For &gt;5 To 10, Add</i>	309.06
	<i>For &gt;10 To 20, Add</i>	194.99
	<i>For &gt;20 To 40, Add</i>	84.01
	<i>For &gt;100 To 150, Deduct</i>	-114.07
	<i>For &gt;150, Deduct</i>	-228.14
	<i>For Work In Restricted Working Space, Add</i>	161.84
<b>21 13 13 00-0005</b>	<b>Ordinary Hazard, Complete Wet-Pipe Sprinkler System Assemblies <sup>(21 13 13 00-0001)</sup></b>	



<b>Fire Suppression</b>	<b>21</b>	
<b>Water-Based Fire-Suppression Systems</b>	<b>21 10</b>	<b>12</b>
<b>Fire-Suppression Sprinkler Systems</b>	<b>21 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0006	EA		Exposed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly ..... 900.55 Note: Includes branch pipe and fittings, supports and sprinkler heads. <i>For Copper Pipe, Add</i> 116.99 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -162.01 <i>For Up To 5, Add</i> 396.41 <i>For &gt;5 To 10, Add</i> 234.40 <i>For &gt;10 To 20, Add</i> 144.35 <i>For &gt;20 To 40, Add</i> 63.12 <i>For &gt;100 To 150, Deduct</i> -90.06 <i>For &gt;150, Deduct</i> -180.11		
21 13 13 00-0007	EA		Concealed Piping, Ordinary Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly ..... 1,109.94 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. <i>For Copper Pipe, Add</i> 139.87 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -195.37 <i>For Up To 5, Add</i> 497.21 <i>For &gt;5 To 10, Add</i> 301.84 <i>For &gt;10 To 20, Add</i> 190.85 <i>For &gt;20 To 40, Add</i> 82.11 <i>For &gt;100 To 150, Deduct</i> -110.99 <i>For &gt;150, Deduct</i> -221.99 <i>For Work In Restricted Working Space, Add</i> 159.70		
21 13 13 00-0008			<b>Extra Hazard, Complete Wet-Pipe Sprinkler System Assemblies (21 13 13 00-0001)</b>		
21 13 13 00-0009	EA		Exposed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly ..... 830.36 Note: Includes branch pipe and fittings, supports and sprinkler heads. <i>For Copper Pipe, Add</i> 107.70 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -149.22 <i>For Up To 5, Add</i> 365.85 <i>For &gt;5 To 10, Add</i> 216.63 <i>For &gt;10 To 20, Add</i> 133.60 <i>For &gt;20 To 40, Add</i> 58.37 <i>For &gt;100 To 150, Deduct</i> -83.04 <i>For &gt;150, Deduct</i> -166.07		
21 13 13 00-0010	EA		Concealed Piping, Extra Hazard, Per Head, Complete Wet-Pipe Sprinkler System Assembly ..... 1,025.77 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. <i>For Copper Pipe, Add</i> 129.07 <i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i> -180.36 <i>For Up To 5, Add</i> 459.90 <i>For &gt;5 To 10, Add</i> 279.54 <i>For &gt;10 To 20, Add</i> 176.96 <i>For &gt;20 To 40, Add</i> 76.08 <i>For &gt;100 To 150, Deduct</i> -102.58 <i>For &gt;150, Deduct</i> -205.15 <i>For Work In Restricted Working Space, Add</i> 148.77		
21 13 13 00-0011			<b>Wet Pipe Sprinkler Components (21 13 13)</b> Note: Excludes hydraulic calculations.		
21 13 13 00-0012			<b>Wet Pipe Alarm Check Valves (21 13 13 00-0011)</b> Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013	EA		2-1/2" Wet Pipe Alarm Check Valve ..... 2,085.74	147.01	
21 13 13 00-0014	EA		3" Wet Pipe Alarm Check Valve ..... 2,128.51	168.40	
21 13 13 00-0015	EA		4" Wet Pipe Alarm Check Valve ..... 2,363.74	286.01	
21 13 13 00-0016	EA		6" Wet Pipe Alarm Check Valve ..... 2,266.31	360.85	
21 13 13 00-0017	EA		8" Wet Pipe Alarm Check Valve ..... 4,082.73	457.08	
21 13 13 00-0018			<b>Wet Pipe Valve Trim (21 13 13 00-0011)</b> Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019	EA		2-1/2" Wet Pipe Valve Trim ..... 1,807.60	311.14	
21 13 13 00-0020	EA		3" Wet Pipe Valve Trim ..... 1,912.87	311.14	
21 13 13 00-0021	EA		4" Wet Pipe Valve Trim ..... 2,295.45	426.60	
21 13 13 00-0022	EA		6" Wet Pipe Valve Trim ..... 2,678.72	593.40	
21 13 13 00-0023	EA		8" Wet Pipe Valve Trim ..... 2,913.94	734.53	
21 13 13 00-0024			<b>Wet Pipe Sprinkler Heads (21 13 13 00-0011)</b>		
21 13 13 00-0025			<b>Upright Wet Pipe Sprinkler Heads (21 13 13 00-0024)</b>		
21 13 13 00-0026	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head ..... 85.78 <i>For &gt;25 To 50, Deduct</i> -2.57 <i>For &gt;50 To 100, Deduct</i> -6.86 <i>For &gt;100 To 500, Deduct</i> -12.01 <i>For &gt;500 To 1,000, Deduct</i> -24.18 <i>For &gt;1,000, Deduct</i> -34.47	12.85	
21 13 13 00-0027	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head ..... 89.28 <i>For &gt;25 To 50, Deduct</i> -2.57 <i>For &gt;50 To 100, Deduct</i> -7.04 <i>For &gt;100 To 500, Deduct</i> -12.45 <i>For &gt;500 To 1,000, Deduct</i> -24.81 <i>For &gt;1,000, Deduct</i> -35.10	12.85	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0028	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	91.51	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.15	
			<i>For &gt;100 To 500, Deduct</i>	-12.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.21	
			<i>For &gt;1,000, Deduct</i>	-35.50	
21 13 13 00-0029	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	87.53	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-6.95	
			<i>For &gt;100 To 500, Deduct</i>	-12.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.50	
			<i>For &gt;1,000, Deduct</i>	-34.78	
21 13 13 00-0030	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	91.17	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.13	
			<i>For &gt;100 To 500, Deduct</i>	-12.68	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.15	
			<i>For &gt;1,000, Deduct</i>	-35.44	
21 13 13 00-0031	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	93.50	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.25	
			<i>For &gt;100 To 500, Deduct</i>	-12.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.57	
			<i>For &gt;1,000, Deduct</i>	-35.86	
21 13 13 00-0032	EA		1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	110.45	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.09	
			<i>For &gt;100 To 500, Deduct</i>	-15.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.62	
			<i>For &gt;1,000, Deduct</i>	-38.91	
21 13 13 00-0033	EA		1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	119.83	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.56	
			<i>For &gt;100 To 500, Deduct</i>	-16.26	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.31	
			<i>For &gt;1,000, Deduct</i>	-40.59	
21 13 13 00-0034	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	110.45	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.09	
			<i>For &gt;100 To 500, Deduct</i>	-15.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.62	
			<i>For &gt;1,000, Deduct</i>	-38.91	
21 13 13 00-0035	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	119.83	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.56	
			<i>For &gt;100 To 500, Deduct</i>	-16.26	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.31	
			<i>For &gt;1,000, Deduct</i>	-40.59	
21 13 13 00-0036	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	98.31	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.49	
			<i>For &gt;100 To 500, Deduct</i>	-13.57	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.44	
			<i>For &gt;1,000, Deduct</i>	-36.72	
21 13 13 00-0037	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	102.89	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.72	
			<i>For &gt;100 To 500, Deduct</i>	-14.15	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.26	
			<i>For &gt;1,000, Deduct</i>	-37.55	
21 13 13 00-0038	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head.....	98.92	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.80	
			<i>For &gt;100 To 500, Deduct</i>	-13.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.52	
			<i>For &gt;1,000, Deduct</i>	-38.94	
21 13 13 00-0039	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	104.27	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.07	
			<i>For &gt;100 To 500, Deduct</i>	-14.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.48	
			<i>For &gt;1,000, Deduct</i>	-39.91	
21 13 13 00-0040	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	105.36	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.12	
			<i>For &gt;100 To 500, Deduct</i>	-14.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.68	
			<i>For &gt;1,000, Deduct</i>	-40.10	
21 13 13 00-0041	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	98.92	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.80	
			<i>For &gt;100 To 500, Deduct</i>	-13.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.52	
			<i>For &gt;1,000, Deduct</i>	-38.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0042 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	104.27	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.07	
<i>For &gt;100 To 500, Deduct</i>	-14.46	
<i>For &gt;500 To 1,000, Deduct</i>	-28.48	
<i>For &gt;1,000, Deduct</i>	-39.91	
21 13 13 00-0043 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	105.36	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.12	
<i>For &gt;100 To 500, Deduct</i>	-14.60	
<i>For &gt;500 To 1,000, Deduct</i>	-28.68	
<i>For &gt;1,000, Deduct</i>	-40.10	
21 13 13 00-0044 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head.....	95.89	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.37	
<i>For &gt;100 To 500, Deduct</i>	-13.27	
<i>For &gt;500 To 1,000, Deduct</i>	-26.00	
<i>For &gt;1,000, Deduct</i>	-36.29	
21 13 13 00-0045 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head.....	99.38	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.54	
<i>For &gt;100 To 500, Deduct</i>	-13.71	
<i>For &gt;500 To 1,000, Deduct</i>	-26.63	
<i>For &gt;1,000, Deduct</i>	-36.91	
21 13 13 00-0046 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	100.06	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.57	
<i>For &gt;100 To 500, Deduct</i>	-13.79	
<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
<i>For &gt;1,000, Deduct</i>	-37.04	
21 13 13 00-0047 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head.....	95.89	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.37	
<i>For &gt;100 To 500, Deduct</i>	-13.27	
<i>For &gt;500 To 1,000, Deduct</i>	-26.00	
<i>For &gt;1,000, Deduct</i>	-36.29	
21 13 13 00-0048 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head.....	99.38	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.54	
<i>For &gt;100 To 500, Deduct</i>	-13.71	
<i>For &gt;500 To 1,000, Deduct</i>	-26.63	
<i>For &gt;1,000, Deduct</i>	-36.91	
21 13 13 00-0049 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	100.06	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.57	
<i>For &gt;100 To 500, Deduct</i>	-13.79	
<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
<i>For &gt;1,000, Deduct</i>	-37.04	
21 13 13 00-0050 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head.....	100.05	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.57	
<i>For &gt;100 To 500, Deduct</i>	-13.79	
<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
<i>For &gt;1,000, Deduct</i>	-37.03	
21 13 13 00-0051 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head.....	136.45	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-9.68	
<i>For &gt;100 To 500, Deduct</i>	-18.48	
<i>For &gt;500 To 1,000, Deduct</i>	-34.27	
<i>For &gt;1,000, Deduct</i>	-45.70	
21 13 13 00-0052 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	140.48	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-9.88	
<i>For &gt;100 To 500, Deduct</i>	-18.99	
<i>For &gt;500 To 1,000, Deduct</i>	-35.00	
<i>For &gt;1,000, Deduct</i>	-46.42	
21 13 13 00-0053 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	140.48	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-9.88	
<i>For &gt;100 To 500, Deduct</i>	-18.99	
<i>For &gt;500 To 1,000, Deduct</i>	-35.00	
<i>For &gt;1,000, Deduct</i>	-46.42	
21 13 13 00-0054 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head.....	109.30	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.32	
<i>For &gt;100 To 500, Deduct</i>	-15.09	
<i>For &gt;500 To 1,000, Deduct</i>	-29.39	
<i>For &gt;1,000, Deduct</i>	-40.81	
21 13 13 00-0055 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	112.06	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.46	
<i>For &gt;100 To 500, Deduct</i>	-15.44	
<i>For &gt;500 To 1,000, Deduct</i>	-29.88	
<i>For &gt;1,000, Deduct</i>	-41.31	

**21 Fire Suppression**  
**21 10 Water-Based Fire-Suppression Systems**  
**21 13 Fire-Suppression Sprinkler Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0056	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head .....	112.06	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.46	
			<i>For &gt;100 To 500, Deduct</i>	-15.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.88	
			<i>For &gt;1,000, Deduct</i>	-41.31	
21 13 13 00-0057	EA		1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head .....	338.16	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-19.48	
			<i>For &gt;100 To 500, Deduct</i>	-43.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-69.61	
			<i>For &gt;1,000, Deduct</i>	-79.89	
21 13 13 00-0058	EA		3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head .....	372.29	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-21.47	
			<i>For &gt;100 To 500, Deduct</i>	-47.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-76.72	
			<i>For &gt;1,000, Deduct</i>	-88.15	
21 13 13 00-0059	EA		1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head .....	176.97	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-11.42	
			<i>For &gt;100 To 500, Deduct</i>	-23.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-40.60	
			<i>For &gt;1,000, Deduct</i>	-50.88	
21 13 13 00-0060	EA		1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head .....	218.97	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-13.52	
			<i>For &gt;100 To 500, Deduct</i>	-28.66	
			<i>For &gt;500 To 1,000, Deduct</i>	-48.16	
			<i>For &gt;1,000, Deduct</i>	-58.44	
21 13 13 00-0061	EA		1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head .....	394.57	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-22.30	
			<i>For &gt;100 To 500, Deduct</i>	-50.61	
			<i>For &gt;500 To 1,000, Deduct</i>	-79.76	
			<i>For &gt;1,000, Deduct</i>	-90.05	
21 13 13 00-0062	EA		1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head .....	504.00	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-27.77	
			<i>For &gt;100 To 500, Deduct</i>	-64.29	
			<i>For &gt;500 To 1,000, Deduct</i>	-99.46	
			<i>For &gt;1,000, Deduct</i>	-109.75	
21 13 13 00-0063	EA		3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head .....	224.68	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-14.09	
			<i>For &gt;100 To 500, Deduct</i>	-29.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-50.15	
			<i>For &gt;1,000, Deduct</i>	-61.58	
21 13 13 00-0064	EA		3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head .....	225.95	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-14.15	
			<i>For &gt;100 To 500, Deduct</i>	-29.67	
			<i>For &gt;500 To 1,000, Deduct</i>	-50.38	
			<i>For &gt;1,000, Deduct</i>	-61.81	
<b>21 13 13 00-0065</b>			<b>Conventional Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small></b>		
21 13 13 00-0066	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head .....	85.78	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-6.86	
			<i>For &gt;100 To 500, Deduct</i>	-12.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.18	
			<i>For &gt;1,000, Deduct</i>	-34.47	
21 13 13 00-0067	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head .....	89.28	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.04	
			<i>For &gt;100 To 500, Deduct</i>	-12.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.81	
			<i>For &gt;1,000, Deduct</i>	-35.10	
21 13 13 00-0068	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head .....	91.51	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.15	
			<i>For &gt;100 To 500, Deduct</i>	-12.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.21	
			<i>For &gt;1,000, Deduct</i>	-35.50	
21 13 13 00-0069	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head .....	100.17	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.87	
			<i>For &gt;100 To 500, Deduct</i>	-13.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.74	
			<i>For &gt;1,000, Deduct</i>	-39.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0070 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head .....	104.27	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.07	
<i>For &gt;100 To 500, Deduct</i>	-14.46	
<i>For &gt;500 To 1,000, Deduct</i>	-28.48	
<i>For &gt;1,000, Deduct</i>	-39.91	
21 13 13 00-0071 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head .....	104.91	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.10	
<i>For &gt;100 To 500, Deduct</i>	-14.54	
<i>For &gt;500 To 1,000, Deduct</i>	-28.60	
<i>For &gt;1,000, Deduct</i>	-40.02	
21 13 13 00-0072 EA 1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head .....	338.16	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-19.48	
<i>For &gt;100 To 500, Deduct</i>	-43.56	
<i>For &gt;500 To 1,000, Deduct</i>	-69.61	
<i>For &gt;1,000, Deduct</i>	-79.89	
<b>21 13 13 00-0073 Pendant Wet Pipe Sprinkler Heads</b> <small>(21 13 13 00-0024)</small>		
See CSI section 21 13 13 00-0209 for escutcheon for recessed pendant sprinkler head.		
21 13 13 00-0074 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Brass Wet Pipe Sprinkler Head .....	85.78	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-6.86	
<i>For &gt;100 To 500, Deduct</i>	-12.01	
<i>For &gt;500 To 1,000, Deduct</i>	-24.18	
<i>For &gt;1,000, Deduct</i>	-34.47	
21 13 13 00-0075 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Chrome Wet Pipe Sprinkler Head .....	89.28	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.04	
<i>For &gt;100 To 500, Deduct</i>	-12.45	
<i>For &gt;500 To 1,000, Deduct</i>	-24.81	
<i>For &gt;1,000, Deduct</i>	-35.10	
21 13 13 00-0076 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant White Polyester Coated Wet Pipe Sprinkler Head .....	91.51	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.15	
<i>For &gt;100 To 500, Deduct</i>	-12.72	
<i>For &gt;500 To 1,000, Deduct</i>	-25.21	
<i>For &gt;1,000, Deduct</i>	-35.50	
21 13 13 00-0077 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Brass Wet Pipe Sprinkler Head .....	98.92	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-7.80	
<i>For &gt;100 To 500, Deduct</i>	-13.79	
<i>For &gt;500 To 1,000, Deduct</i>	-27.52	
<i>For &gt;1,000, Deduct</i>	-38.94	
21 13 13 00-0078 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant Chrome Wet Pipe Sprinkler Head .....	104.27	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.07	
<i>For &gt;100 To 500, Deduct</i>	-14.46	
<i>For &gt;500 To 1,000, Deduct</i>	-28.48	
<i>For &gt;1,000, Deduct</i>	-39.91	
21 13 13 00-0079 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendant White Polyester Coated Wet Pipe Sprinkler Head .....	105.36	14.28
<i>For &gt;25 To 50, Deduct</i>	-2.86	
<i>For &gt;50 To 100, Deduct</i>	-8.12	
<i>For &gt;100 To 500, Deduct</i>	-14.60	
<i>For &gt;500 To 1,000, Deduct</i>	-28.68	
<i>For &gt;1,000, Deduct</i>	-40.10	
21 13 13 00-0080 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Brass Wet Pipe Sprinkler Head .....	95.89	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.37	
<i>For &gt;100 To 500, Deduct</i>	-13.27	
<i>For &gt;500 To 1,000, Deduct</i>	-26.00	
<i>For &gt;1,000, Deduct</i>	-36.29	
21 13 13 00-0081 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant Chrome Wet Pipe Sprinkler Head .....	99.38	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.54	
<i>For &gt;100 To 500, Deduct</i>	-13.71	
<i>For &gt;500 To 1,000, Deduct</i>	-26.63	
<i>For &gt;1,000, Deduct</i>	-36.91	
21 13 13 00-0082 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendant White Polyester Coated Wet Pipe Sprinkler Head .....	100.06	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.57	
<i>For &gt;100 To 500, Deduct</i>	-13.79	
<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
<i>For &gt;1,000, Deduct</i>	-37.04	
21 13 13 00-0083 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendant Brass Wet Pipe Sprinkler Head .....	95.89	12.85
<i>For &gt;25 To 50, Deduct</i>	-2.57	
<i>For &gt;50 To 100, Deduct</i>	-7.37	
<i>For &gt;100 To 500, Deduct</i>	-13.27	
<i>For &gt;500 To 1,000, Deduct</i>	-26.00	
<i>For &gt;1,000, Deduct</i>	-36.29	



**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0084	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head.....	99.38	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.54	
			<i>For &gt;100 To 500, Deduct</i>	-13.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.63	
			<i>For &gt;1,000, Deduct</i>	-36.91	
21 13 13 00-0085	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	100.06	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.57	
			<i>For &gt;100 To 500, Deduct</i>	-13.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
			<i>For &gt;1,000, Deduct</i>	-37.04	
21 13 13 00-0086	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	95.89	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.37	
			<i>For &gt;100 To 500, Deduct</i>	-13.27	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.00	
			<i>For &gt;1,000, Deduct</i>	-36.29	
21 13 13 00-0087	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead.....	99.38	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.54	
			<i>For &gt;100 To 500, Deduct</i>	-13.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.63	
			<i>For &gt;1,000, Deduct</i>	-36.91	
21 13 13 00-0088	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	100.06	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.57	
			<i>For &gt;100 To 500, Deduct</i>	-13.79	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.75	
			<i>For &gt;1,000, Deduct</i>	-37.04	
21 13 13 00-0089	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	85.78	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-6.86	
			<i>For &gt;100 To 500, Deduct</i>	-12.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.18	
			<i>For &gt;1,000, Deduct</i>	-34.47	
21 13 13 00-0090	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead.....	89.28	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.04	
			<i>For &gt;100 To 500, Deduct</i>	-12.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.81	
			<i>For &gt;1,000, Deduct</i>	-35.10	
21 13 13 00-0091	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	91.51	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.15	
			<i>For &gt;100 To 500, Deduct</i>	-12.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.21	
			<i>For &gt;1,000, Deduct</i>	-35.50	
21 13 13 00-0092	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head.....	87.54	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-6.95	
			<i>For &gt;100 To 500, Deduct</i>	-12.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.50	
			<i>For &gt;1,000, Deduct</i>	-34.78	
21 13 13 00-0093	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head.....	90.02	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.07	
			<i>For &gt;100 To 500, Deduct</i>	-12.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.95	
			<i>For &gt;1,000, Deduct</i>	-35.23	
21 13 13 00-0094	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	92.28	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.19	
			<i>For &gt;100 To 500, Deduct</i>	-12.82	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.35	
			<i>For &gt;1,000, Deduct</i>	-35.64	
21 13 13 00-0095	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head.....	102.23	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.97	
			<i>For &gt;100 To 500, Deduct</i>	-14.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.11	
			<i>For &gt;1,000, Deduct</i>	-39.54	
21 13 13 00-0096	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head.....	106.77	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.20	
			<i>For &gt;100 To 500, Deduct</i>	-14.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.93	
			<i>For &gt;1,000, Deduct</i>	-40.36	
21 13 13 00-0097	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	106.77	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.20	
			<i>For &gt;100 To 500, Deduct</i>	-14.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.93	
			<i>For &gt;1,000, Deduct</i>	-40.36	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0098 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head .....	98.31	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.49	
For >100 To 500, Deduct	-13.57	
For >500 To 1,000, Deduct	-26.44	
For >1,000, Deduct	-36.72	
21 13 13 00-0099 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	102.89	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.72	
For >100 To 500, Deduct	-14.15	
For >500 To 1,000, Deduct	-27.26	
For >1,000, Deduct	-37.55	
21 13 13 00-0100 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head .....	109.75	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-8.06	
For >100 To 500, Deduct	-15.00	
For >500 To 1,000, Deduct	-28.50	
For >1,000, Deduct	-38.78	
21 13 13 00-0101 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	117.26	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-8.43	
For >100 To 500, Deduct	-15.94	
For >500 To 1,000, Deduct	-29.85	
For >1,000, Deduct	-40.13	
21 13 13 00-0102 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head .....	109.75	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-8.06	
For >100 To 500, Deduct	-15.00	
For >500 To 1,000, Deduct	-28.50	
For >1,000, Deduct	-38.78	
21 13 13 00-0103 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	117.26	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-8.43	
For >100 To 500, Deduct	-15.94	
For >500 To 1,000, Deduct	-29.85	
For >1,000, Deduct	-40.13	
21 13 13 00-0104 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	92.39	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.19	
For >100 To 500, Deduct	-12.83	
For >500 To 1,000, Deduct	-25.37	
For >1,000, Deduct	-35.66	
21 13 13 00-0105 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head .....	96.32	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.39	
For >100 To 500, Deduct	-13.33	
For >500 To 1,000, Deduct	-26.08	
For >1,000, Deduct	-36.36	
21 13 13 00-0106 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	98.38	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.49	
For >100 To 500, Deduct	-13.58	
For >500 To 1,000, Deduct	-26.45	
For >1,000, Deduct	-36.73	
21 13 13 00-0107 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	100.58	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-7.89	
For >100 To 500, Deduct	-14.00	
For >500 To 1,000, Deduct	-27.82	
For >1,000, Deduct	-39.24	
21 13 13 00-0108 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head.....	104.47	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-8.08	
For >100 To 500, Deduct	-14.49	
For >500 To 1,000, Deduct	-28.52	
For >1,000, Deduct	-39.94	
21 13 13 00-0109 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head .....	108.23	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-8.27	
For >100 To 500, Deduct	-14.96	
For >500 To 1,000, Deduct	-29.19	
For >1,000, Deduct	-40.62	
21 13 13 00-0110 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	94.61	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.30	
For >100 To 500, Deduct	-13.11	
For >500 To 1,000, Deduct	-25.77	
For >1,000, Deduct	-36.06	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0111	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	98.47	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.49	
			<i>For &gt;100 To 500, Deduct</i>	-13.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.47	
			<i>For &gt;1,000, Deduct</i>	-36.75	
21 13 13 00-0112	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	100.57	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.60	
			<i>For &gt;100 To 500, Deduct</i>	-13.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.84	
			<i>For &gt;1,000, Deduct</i>	-37.13	
21 13 13 00-0113	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	102.23	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.97	
			<i>For &gt;100 To 500, Deduct</i>	-14.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.11	
			<i>For &gt;1,000, Deduct</i>	-39.54	
21 13 13 00-0114	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	106.28	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.17	
			<i>For &gt;100 To 500, Deduct</i>	-14.71	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.84	
			<i>For &gt;1,000, Deduct</i>	-40.27	
21 13 13 00-0115	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	110.19	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.37	
			<i>For &gt;100 To 500, Deduct</i>	-15.20	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.55	
			<i>For &gt;1,000, Deduct</i>	-40.97	
21 13 13 00-0116	EA		1/2" NPT Thread, 1/2" Orifice, Decorative Pendant Chrome Wet Pipe Sprinkler Head.....	155.96	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-10.37	
			<i>For &gt;100 To 500, Deduct</i>	-20.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-36.81	
			<i>For &gt;1,000, Deduct</i>	-47.10	
21 13 13 00-0117	EA		1/2" NPT Thread, 1/2" Orifice, Decorative Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	155.96	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-10.37	
			<i>For &gt;100 To 500, Deduct</i>	-20.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-36.81	
			<i>For &gt;1,000, Deduct</i>	-47.10	
21 13 13 00-0118	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	113.33	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.52	
			<i>For &gt;100 To 500, Deduct</i>	-15.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.11	
			<i>For &gt;1,000, Deduct</i>	-41.54	
21 13 13 00-0119	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	116.30	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.67	
			<i>For &gt;100 To 500, Deduct</i>	-15.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.65	
			<i>For &gt;1,000, Deduct</i>	-42.07	
21 13 13 00-0120	EA		3/4" NPT Thread, K=14.0, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	116.30	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.67	
			<i>For &gt;100 To 500, Deduct</i>	-15.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.65	
			<i>For &gt;1,000, Deduct</i>	-42.07	
21 13 13 00-0121	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Pendant Brass Wet Pipe Sprinkler Head.....	109.30	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.32	
			<i>For &gt;100 To 500, Deduct</i>	-15.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.39	
			<i>For &gt;1,000, Deduct</i>	-40.81	
21 13 13 00-0122	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Pendant Chrome Wet Pipe Sprinkler Head.....	112.06	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.46	
			<i>For &gt;100 To 500, Deduct</i>	-15.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.88	
			<i>For &gt;1,000, Deduct</i>	-41.31	
21 13 13 00-0123	EA		3/4" NPT Thread, K=11.2, Extended Coverage, Pendant White Polyester Coated Wet Pipe Sprinkler Head.....	112.06	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.46	
			<i>For &gt;100 To 500, Deduct</i>	-15.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.88	
			<i>For &gt;1,000, Deduct</i>	-41.31	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0124 EA 1/2" NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head .....	338.16	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-19.48	
For >100 To 500, Deduct	-43.56	
For >500 To 1,000, Deduct	-69.61	
For >1,000, Deduct	-79.89	
21 13 13 00-0125 EA 3/4" NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head .....	372.29	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-21.47	
For >100 To 500, Deduct	-47.96	
For >500 To 1,000, Deduct	-76.72	
For >1,000, Deduct	-88.15	
21 13 13 00-0126 EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head .....	176.97	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-11.42	
For >100 To 500, Deduct	-23.41	
For >500 To 1,000, Deduct	-40.60	
For >1,000, Deduct	-50.88	
21 13 13 00-0127 EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head .....	218.97	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-13.52	
For >100 To 500, Deduct	-28.66	
For >500 To 1,000, Deduct	-48.16	
For >1,000, Deduct	-58.44	
21 13 13 00-0128 EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head .....	394.57	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-22.30	
For >100 To 500, Deduct	-50.61	
For >500 To 1,000, Deduct	-79.76	
For >1,000, Deduct	-90.05	
21 13 13 00-0129 EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head .....	504.00	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-27.77	
For >100 To 500, Deduct	-64.29	
For >500 To 1,000, Deduct	-99.46	
For >1,000, Deduct	-109.75	
21 13 13 00-0130 EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head .....	224.68	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-14.09	
For >100 To 500, Deduct	-29.51	
For >500 To 1,000, Deduct	-50.15	
For >1,000, Deduct	-61.58	
21 13 13 00-0131 EA 3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head .....	225.95	14.28
For >25 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-14.15	
For >100 To 500, Deduct	-29.67	
For >500 To 1,000, Deduct	-50.38	
For >1,000, Deduct	-61.81	
<b>21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads (21 13 13 00-0024)</b>		
<b>21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads (21 13 13 00-0132)</b>		
21 13 13 00-0134 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	91.01	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.12	
For >100 To 500, Deduct	-12.66	
For >500 To 1,000, Deduct	-25.12	
For >1,000, Deduct	-35.41	
21 13 13 00-0135 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	93.82	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.26	
For >100 To 500, Deduct	-13.01	
For >500 To 1,000, Deduct	-25.63	
For >1,000, Deduct	-35.91	
21 13 13 00-0136 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head .....	98.25	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.48	
For >100 To 500, Deduct	-13.57	
For >500 To 1,000, Deduct	-26.43	
For >1,000, Deduct	-36.71	
21 13 13 00-0137 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	92.60	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.20	
For >100 To 500, Deduct	-12.86	
For >500 To 1,000, Deduct	-25.41	
For >1,000, Deduct	-35.69	
21 13 13 00-0138 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	95.45	12.85
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-7.34	
For >100 To 500, Deduct	-13.22	
For >500 To 1,000, Deduct	-25.92	
For >1,000, Deduct	-36.21	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0139	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head .....	99.97	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.57	
			<i>For &gt;100 To 500, Deduct</i>	-13.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.74	
			<i>For &gt;1,000, Deduct</i>	-37.02	
21 13 13 00-0140	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	102.89	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.72	
			<i>For &gt;100 To 500, Deduct</i>	-14.15	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.26	
			<i>For &gt;1,000, Deduct</i>	-37.55	
21 13 13 00-0141	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	107.45	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.94	
			<i>For &gt;100 To 500, Deduct</i>	-14.72	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.08	
			<i>For &gt;1,000, Deduct</i>	-38.37	
21 13 13 00-0142	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	110.91	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.40	
			<i>For &gt;100 To 500, Deduct</i>	-15.29	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.68	
			<i>For &gt;1,000, Deduct</i>	-41.10	
21 13 13 00-0143	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	117.75	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.74	
			<i>For &gt;100 To 500, Deduct</i>	-16.15	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.91	
			<i>For &gt;1,000, Deduct</i>	-42.33	
21 13 13 00-0144	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	112.73	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.21	
			<i>For &gt;100 To 500, Deduct</i>	-15.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.03	
			<i>For &gt;1,000, Deduct</i>	-39.32	
21 13 13 00-0145	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	117.26	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.43	
			<i>For &gt;100 To 500, Deduct</i>	-15.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.85	
			<i>For &gt;1,000, Deduct</i>	-40.13	
21 13 13 00-0146	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	112.73	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.21	
			<i>For &gt;100 To 500, Deduct</i>	-15.38	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.03	
			<i>For &gt;1,000, Deduct</i>	-39.32	
21 13 13 00-0147	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	117.26	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-8.43	
			<i>For &gt;100 To 500, Deduct</i>	-15.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.85	
			<i>For &gt;1,000, Deduct</i>	-40.13	
21 13 13 00-0148	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	88.63	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.00	
			<i>For &gt;100 To 500, Deduct</i>	-12.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.69	
			<i>For &gt;1,000, Deduct</i>	-34.98	
21 13 13 00-0149	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	90.94	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.12	
			<i>For &gt;100 To 500, Deduct</i>	-12.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.11	
			<i>For &gt;1,000, Deduct</i>	-35.39	
21 13 13 00-0150	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head .....	93.83	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.26	
			<i>For &gt;100 To 500, Deduct</i>	-13.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.63	
			<i>For &gt;1,000, Deduct</i>	-35.91	
21 13 13 00-0151	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head .....	97.05	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.71	
			<i>For &gt;100 To 500, Deduct</i>	-13.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.18	
			<i>For &gt;1,000, Deduct</i>	-38.61	
21 13 13 00-0152	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head .....	99.54	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.83	
			<i>For &gt;100 To 500, Deduct</i>	-13.87	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.63	
			<i>For &gt;1,000, Deduct</i>	-39.06	



<b>Fire Suppression</b>	<b>21</b>	
<b>Water-Based Fire-Suppression Systems</b>	<b>21 10</b>	<b>12</b>
<b>Fire-Suppression Sprinkler Systems</b>	<b>21 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0153	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	102.22	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.97	
			<i>For &gt;100 To 500, Deduct</i>	-14.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.11	
			<i>For &gt;1,000, Deduct</i>	-39.54	
21 13 13 00-0154	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	99.02	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.81	
			<i>For &gt;100 To 500, Deduct</i>	-13.81	
			<i>For &gt;500 To 1,000, Deduct</i>	-27.54	
			<i>For &gt;1,000, Deduct</i>	-38.96	
21 13 13 00-0155	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	101.60	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-7.94	
			<i>For &gt;100 To 500, Deduct</i>	-14.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.00	
			<i>For &gt;1,000, Deduct</i>	-39.43	
21 13 13 00-0156	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	104.39	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.08	
			<i>For &gt;100 To 500, Deduct</i>	-14.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.50	
			<i>For &gt;1,000, Deduct</i>	-39.93	
21 13 13 00-0157	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	104.43	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.08	
			<i>For &gt;100 To 500, Deduct</i>	-14.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.51	
			<i>For &gt;1,000, Deduct</i>	-39.94	
21 13 13 00-0158	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	108.24	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.27	
			<i>For &gt;100 To 500, Deduct</i>	-14.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.20	
			<i>For &gt;1,000, Deduct</i>	-40.62	
21 13 13 00-0159	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	108.24	14.28
			<i>For &gt;25 To 50, Deduct</i>	-2.86	
			<i>For &gt;50 To 100, Deduct</i>	-8.27	
			<i>For &gt;100 To 500, Deduct</i>	-14.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.20	
			<i>For &gt;1,000, Deduct</i>	-40.62	
21 13 13 00-0160	EA		1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	181.21	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-11.63	
			<i>For &gt;100 To 500, Deduct</i>	-23.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-41.36	
			<i>For &gt;1,000, Deduct</i>	-51.64	
21 13 13 00-0161	EA		1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head.....	181.21	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-11.63	
			<i>For &gt;100 To 500, Deduct</i>	-23.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-41.36	
			<i>For &gt;1,000, Deduct</i>	-51.64	
21 13 13 00-0162	EA		1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	89.59	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.05	
			<i>For &gt;100 To 500, Deduct</i>	-12.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.87	
			<i>For &gt;1,000, Deduct</i>	-35.15	
21 13 13 00-0163	EA		1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	89.59	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.05	
			<i>For &gt;100 To 500, Deduct</i>	-12.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.87	
			<i>For &gt;1,000, Deduct</i>	-35.15	
21 13 13 00-0164	EA		1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head.....	89.59	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.05	
			<i>For &gt;100 To 500, Deduct</i>	-12.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-24.87	
			<i>For &gt;1,000, Deduct</i>	-35.15	
21 13 13 00-0165			<b>Vertical Sidewall Wet-Pipe Sprinkler Heads</b> (21 13 13 00-0132)		
21 13 13 00-0166	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head.....	94.65	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.30	
			<i>For &gt;100 To 500, Deduct</i>	-13.12	
			<i>For &gt;500 To 1,000, Deduct</i>	-25.78	
			<i>For &gt;1,000, Deduct</i>	-36.06	



**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0167	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head.....	98.15	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.48	
			<i>For &gt;100 To 500, Deduct</i>	-13.55	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.41	
			<i>For &gt;1,000, Deduct</i>	-36.69	
21 13 13 00-0168	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head.....	99.65	12.85
			<i>For &gt;25 To 50, Deduct</i>	-2.57	
			<i>For &gt;50 To 100, Deduct</i>	-7.55	
			<i>For &gt;100 To 500, Deduct</i>	-13.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.68	
			<i>For &gt;1,000, Deduct</i>	-36.96	
21 13 13 00-0169			<b>Concealed Wet Pipe Sprinkler Heads</b> <small>(21 13 13 00-0024)</small>		
21 13 13 00-0170			<b>Concealed Pendant Wet-Pipe Sprinkler Heads</b> <small>(21 13 13 00-0169)</small>		
21 13 13 00-0171	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	137.31	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-10.29	
			<i>For &gt;100 To 500, Deduct</i>	-18.88	
			<i>For &gt;500 To 1,000, Deduct</i>	-36.37	
			<i>For &gt;1,000, Deduct</i>	-50.08	
21 13 13 00-0172	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	96.27	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-8.24	
			<i>For &gt;100 To 500, Deduct</i>	-13.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-28.98	
			<i>For &gt;1,000, Deduct</i>	-42.70	
21 13 13 00-0173	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	97.77	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-8.32	
			<i>For &gt;100 To 500, Deduct</i>	-13.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-29.25	
			<i>For &gt;1,000, Deduct</i>	-42.97	
21 13 13 00-0174	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	123.84	18.57
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.71	
			<i>For &gt;50 To 100, Deduct</i>	-9.91	
			<i>For &gt;100 To 500, Deduct</i>	-17.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-34.92	
			<i>For &gt;1,000, Deduct</i>	-49.77	
21 13 13 00-0175	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	118.12	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-9.33	
			<i>For &gt;100 To 500, Deduct</i>	-16.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-32.92	
			<i>For &gt;1,000, Deduct</i>	-46.63	
21 13 13 00-0176	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	118.12	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-9.33	
			<i>For &gt;100 To 500, Deduct</i>	-16.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-32.92	
			<i>For &gt;1,000, Deduct</i>	-46.63	
21 13 13 00-0177	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	123.84	18.57
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.71	
			<i>For &gt;50 To 100, Deduct</i>	-9.91	
			<i>For &gt;100 To 500, Deduct</i>	-17.34	
			<i>For &gt;500 To 1,000, Deduct</i>	-34.92	
			<i>For &gt;1,000, Deduct</i>	-49.77	
21 13 13 00-0178	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	108.52	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-8.85	
			<i>For &gt;100 To 500, Deduct</i>	-15.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-31.19	
			<i>For &gt;1,000, Deduct</i>	-44.90	
21 13 13 00-0179	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	118.12	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-9.33	
			<i>For &gt;100 To 500, Deduct</i>	-16.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-32.92	
			<i>For &gt;1,000, Deduct</i>	-46.63	
21 13 13 00-0180	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	118.12	17.14
			Note: Excludes cover plate		
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-9.33	
			<i>For &gt;100 To 500, Deduct</i>	-16.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-32.92	
			<i>For &gt;1,000, Deduct</i>	-46.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0181 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	110.79	17.14
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-8.97	
For >100 To 500, Deduct	-15.56	
For >500 To 1,000, Deduct	-31.60	
For >1,000, Deduct	-45.31	
21 13 13 00-0182 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head.....	186.77	20.00
Note: Excludes cover plate		
For >25 To 50, Deduct	-4.00	
For >50 To 100, Deduct	-13.34	
For >100 To 500, Deduct	-25.35	
For >500 To 1,000, Deduct	-47.22	
For >1,000, Deduct	-63.21	
21 13 13 00-0183 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	103.73	17.14
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-8.61	
For >100 To 500, Deduct	-14.68	
For >500 To 1,000, Deduct	-30.33	
For >1,000, Deduct	-44.04	
21 13 13 00-0184 EA 3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	108.83	18.57
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.71	
For >50 To 100, Deduct	-9.16	
For >100 To 500, Deduct	-15.46	
For >500 To 1,000, Deduct	-32.22	
For >1,000, Deduct	-47.07	
21 13 13 00-0185 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	105.08	17.14
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-8.68	
For >100 To 500, Deduct	-14.85	
For >500 To 1,000, Deduct	-30.57	
For >1,000, Deduct	-44.28	
21 13 13 00-0186 EA 3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	110.80	18.57
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.71	
For >50 To 100, Deduct	-9.25	
For >100 To 500, Deduct	-15.71	
For >500 To 1,000, Deduct	-32.57	
For >1,000, Deduct	-47.43	
21 13 13 00-0187 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	124.47	18.57
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.71	
For >50 To 100, Deduct	-9.94	
For >100 To 500, Deduct	-17.42	
For >500 To 1,000, Deduct	-35.03	
For >1,000, Deduct	-49.89	
21 13 13 00-0188 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Cover Plate .....	217.90	20.00
For >25 To 50, Deduct	-4.00	
For >50 To 100, Deduct	-14.89	
For >100 To 500, Deduct	-29.24	
For >500 To 1,000, Deduct	-52.82	
For >1,000, Deduct	-68.82	
21 13 13 00-0189 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Cover Plate .....	217.90	20.00
For >25 To 50, Deduct	-4.00	
For >50 To 100, Deduct	-14.89	
For >100 To 500, Deduct	-29.24	
For >500 To 1,000, Deduct	-52.82	
For >1,000, Deduct	-68.82	
<b>21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads (21 13 13 00-0189)</b>		
21 13 13 00-0191 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	148.73	17.14
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-10.86	
For >100 To 500, Deduct	-20.31	
For >500 To 1,000, Deduct	-38.43	
For >1,000, Deduct	-52.14	
21 13 13 00-0192 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	167.81	18.57
Note: Excludes cover plate		
For >25 To 50, Deduct	-3.71	
For >50 To 100, Deduct	-12.10	
For >100 To 500, Deduct	-22.83	
For >500 To 1,000, Deduct	-42.83	
For >1,000, Deduct	-57.69	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0193	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head ..... 115.35	115.35	17.14
			Note: Excludes cover plate		
			For >25 To 50, Deduct	-3.43	
			For >50 To 100, Deduct	-9.20	
			For >100 To 500, Deduct	-16.13	
			For >500 To 1,000, Deduct	-32.42	
			For >1,000, Deduct	-46.13	
21 13 13 00-0194	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head ..... 115.99	115.99	18.57
			Note: Excludes cover plate		
			For >25 To 50, Deduct	-3.71	
			For >50 To 100, Deduct	-9.51	
			For >100 To 500, Deduct	-16.36	
			For >500 To 1,000, Deduct	-33.51	
			For >1,000, Deduct	-48.36	
<b>21 13 13 00-0195</b>			<b>Institutional Tamper Resistant Wet Pipe Sprinkler Heads (21 13 13 00-0024)</b>		
21 13 13 00-0196	EA		1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head ..... 367.62	367.62	14.28
			Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
			For >25 To 50, Deduct	-2.86	
			For >50 To 100, Deduct	-21.24	
			For >100 To 500, Deduct	-47.38	
			For >500 To 1,000, Deduct	-75.88	
			For >1,000, Deduct	-87.31	
21 13 13 00-0197	EA		1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head ..... 358.65	358.65	14.28
			Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
			For >25 To 50, Deduct	-2.86	
			For >50 To 100, Deduct	-20.79	
			For >100 To 500, Deduct	-46.26	
			For >500 To 1,000, Deduct	-74.27	
			For >1,000, Deduct	-85.70	
21 13 13 00-0198	EA		1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head ..... 152.07	152.07	14.28
			For >25 To 50, Deduct	-2.86	
			For >50 To 100, Deduct	-10.46	
			For >100 To 500, Deduct	-20.44	
			For >500 To 1,000, Deduct	-37.08	
			For >1,000, Deduct	-48.51	
21 13 13 00-0199	EA		1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head ..... 170.68	170.68	14.28
			For >25 To 50, Deduct	-2.86	
			For >50 To 100, Deduct	-11.39	
			For >100 To 500, Deduct	-22.76	
			For >500 To 1,000, Deduct	-40.43	
			For >1,000, Deduct	-51.86	
<b>21 13 13 00-0200</b>			<b>Wet Pipe Sprinkler Head Accessories (21 13 13 00-0011)</b>		
<b>21 13 13 00-0201</b>			<b>Sprinkler Adjustable Steel Drop Nipple (21 13 13 00-0200)</b>		
21 13 13 00-0202	EA		1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150) ..... 60.41	60.41	14.75
			For >25 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-4.25	
			For >100 To 500, Deduct	-8.17	
			For >500 To 1,000, Deduct	-15.05	
			For >1,000, Deduct	-19.97	
21 13 13 00-0203	EA		1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150) ..... 60.41	60.41	14.75
			For >25 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-4.25	
			For >100 To 500, Deduct	-8.17	
			For >500 To 1,000, Deduct	-15.05	
			For >1,000, Deduct	-19.97	
21 13 13 00-0204	EA		1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150) ..... 61.15	61.15	14.75
			For >25 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-4.29	
			For >100 To 500, Deduct	-8.26	
			For >500 To 1,000, Deduct	-15.19	
			For >1,000, Deduct	-20.11	
21 13 13 00-0205	EA		1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150) ..... 53.61	53.61	14.75
			For >25 To 50, Deduct	-1.23	
			For >50 To 100, Deduct	-3.91	
			For >100 To 500, Deduct	-7.32	
			For >500 To 1,000, Deduct	-13.83	
			For >1,000, Deduct	-18.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0206 EA 1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150).....	53.61	14.75
<i>For &gt;25 To 50, Deduct</i>	-1.23	
<i>For &gt;50 To 100, Deduct</i>	-3.91	
<i>For &gt;100 To 500, Deduct</i>	-7.32	
<i>For &gt;500 To 1,000, Deduct</i>	-13.83	
<i>For &gt;1,000, Deduct</i>	-18.75	
21 13 13 00-0207 EA 1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150).....	53.61	14.75
<i>For &gt;25 To 50, Deduct</i>	-1.23	
<i>For &gt;50 To 100, Deduct</i>	-3.91	
<i>For &gt;100 To 500, Deduct</i>	-7.32	
<i>For &gt;500 To 1,000, Deduct</i>	-13.83	
<i>For &gt;1,000, Deduct</i>	-18.75	
21 13 13 00-0208 EA 1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175).....	59.97	16.04
<i>For &gt;25 To 50, Deduct</i>	-1.34	
<i>For &gt;50 To 100, Deduct</i>	-4.34	
<i>For &gt;100 To 500, Deduct</i>	-8.16	
<i>For &gt;500 To 1,000, Deduct</i>	-15.34	
<i>For &gt;1,000, Deduct</i>	-20.68	
<b>21 13 13 00-0209 Sprinkler Head Escutcheon</b> <small>(21 13 13 00-0200)</small>		
21 13 13 00-0210 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	23.25	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.59	
<i>For &gt;100 To 500, Deduct</i>	-3.12	
<i>For &gt;500 To 1,000, Deduct</i>	-5.64	
<i>For &gt;1,000, Deduct</i>	-7.36	
21 13 13 00-0211 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0212 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0213 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	23.25	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.59	
<i>For &gt;100 To 500, Deduct</i>	-3.12	
<i>For &gt;500 To 1,000, Deduct</i>	-5.64	
<i>For &gt;1,000, Deduct</i>	-7.36	
21 13 13 00-0214 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0215 EA 2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0216 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	21.91	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.52	
<i>For &gt;100 To 500, Deduct</i>	-2.95	
<i>For &gt;500 To 1,000, Deduct</i>	-5.40	
<i>For &gt;1,000, Deduct</i>	-7.11	
21 13 13 00-0217 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0218 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	15.84	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.22	
<i>For &gt;100 To 500, Deduct</i>	-2.19	
<i>For &gt;500 To 1,000, Deduct</i>	-4.31	
<i>For &gt;1,000, Deduct</i>	-6.02	
21 13 13 00-0219 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	21.91	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.52	
<i>For &gt;100 To 500, Deduct</i>	-2.95	
<i>For &gt;500 To 1,000, Deduct</i>	-5.40	
<i>For &gt;1,000, Deduct</i>	-7.11	

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 13 13 00-0220	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon .....	15.84		5.14
		<i>For &gt;25 To 50, Deduct</i>	-0.43		
		<i>For &gt;50 To 100, Deduct</i>	-1.22		
		<i>For &gt;100 To 500, Deduct</i>	-2.19		
		<i>For &gt;500 To 1,000, Deduct</i>	-4.31		
		<i>For &gt;1,000, Deduct</i>	-6.02		
21 13 13 00-0221	EA	2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon .....	15.84		5.14
		<i>For &gt;25 To 50, Deduct</i>	-0.43		
		<i>For &gt;50 To 100, Deduct</i>	-1.22		
		<i>For &gt;100 To 500, Deduct</i>	-2.19		
		<i>For &gt;500 To 1,000, Deduct</i>	-4.31		
		<i>For &gt;1,000, Deduct</i>	-6.02		
21 13 13 00-0222	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon .....	22.58		5.14
		<i>For &gt;25 To 50, Deduct</i>	-0.43		
		<i>For &gt;50 To 100, Deduct</i>	-1.56		
		<i>For &gt;100 To 500, Deduct</i>	-3.04		
		<i>For &gt;500 To 1,000, Deduct</i>	-5.52		
		<i>For &gt;1,000, Deduct</i>	-7.24		
21 13 13 00-0223	EA	3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon .....	22.58		5.14
		<i>For &gt;25 To 50, Deduct</i>	-0.43		
		<i>For &gt;50 To 100, Deduct</i>	-1.56		
		<i>For &gt;100 To 500, Deduct</i>	-3.04		
		<i>For &gt;500 To 1,000, Deduct</i>	-5.52		
		<i>For &gt;1,000, Deduct</i>	-7.24		
21 13 13 00-0224	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon .....	8.68		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.72		
		<i>For &gt;100 To 500, Deduct</i>	-1.23		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.53		
		<i>For &gt;1,000, Deduct</i>	-3.68		
21 13 13 00-0225	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon .....	7.75		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.67		
		<i>For &gt;100 To 500, Deduct</i>	-1.11		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.37		
		<i>For &gt;1,000, Deduct</i>	-3.51		
21 13 13 00-0226	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon .....	8.00		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.69		
		<i>For &gt;100 To 500, Deduct</i>	-1.14		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.41		
		<i>For &gt;1,000, Deduct</i>	-3.55		
21 13 13 00-0227	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon .....	8.85		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.73		
		<i>For &gt;100 To 500, Deduct</i>	-1.25		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.56		
		<i>For &gt;1,000, Deduct</i>	-3.71		
21 13 13 00-0228	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon .....	7.92		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.68		
		<i>For &gt;100 To 500, Deduct</i>	-1.13		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.40		
		<i>For &gt;1,000, Deduct</i>	-3.54		
21 13 13 00-0229	EA	2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon .....	7.92		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.68		
		<i>For &gt;100 To 500, Deduct</i>	-1.13		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.40		
		<i>For &gt;1,000, Deduct</i>	-3.54		
21 13 13 00-0230	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon .....	9.82		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.78		
		<i>For &gt;100 To 500, Deduct</i>	-1.37		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.74		
		<i>For &gt;1,000, Deduct</i>	-3.88		
21 13 13 00-0231	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon .....	7.89		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.68		
		<i>For &gt;100 To 500, Deduct</i>	-1.13		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.39		
		<i>For &gt;1,000, Deduct</i>	-3.53		
21 13 13 00-0232	EA	2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon .....	7.89		3.77
		<i>For &gt;25 To 50, Deduct</i>	-0.29		
		<i>For &gt;50 To 100, Deduct</i>	-0.68		
		<i>For &gt;100 To 500, Deduct</i>	-1.13		
		<i>For &gt;500 To 1,000, Deduct</i>	-2.39		
		<i>For &gt;1,000, Deduct</i>	-3.53		
21 13 13 00-0233	EA	3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon .....	13.17		5.28
		<i>For &gt;25 To 50, Deduct</i>	-0.40		
		<i>For &gt;50 To 100, Deduct</i>	-1.06		
		<i>For &gt;100 To 500, Deduct</i>	-1.85		
		<i>For &gt;500 To 1,000, Deduct</i>	-3.73		
		<i>For &gt;1,000, Deduct</i>	-5.33		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0234 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	12.67	5.28
<i>For &gt;25 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-1.03	
<i>For &gt;100 To 500, Deduct</i>	-1.78	
<i>For &gt;500 To 1,000, Deduct</i>	-3.64	
<i>For &gt;1,000, Deduct</i>	-5.24	
21 13 13 00-0235 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon.....	12.84	5.28
<i>For &gt;25 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-1.04	
<i>For &gt;100 To 500, Deduct</i>	-1.81	
<i>For &gt;500 To 1,000, Deduct</i>	-3.67	
<i>For &gt;1,000, Deduct</i>	-5.27	
21 13 13 00-0236 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon.....	13.34	5.28
<i>For &gt;25 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-1.07	
<i>For &gt;100 To 500, Deduct</i>	-1.87	
<i>For &gt;500 To 1,000, Deduct</i>	-3.76	
<i>For &gt;1,000, Deduct</i>	-5.36	
21 13 13 00-0237 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	12.84	5.28
<i>For &gt;25 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-1.04	
<i>For &gt;100 To 500, Deduct</i>	-1.81	
<i>For &gt;500 To 1,000, Deduct</i>	-3.67	
<i>For &gt;1,000, Deduct</i>	-5.27	
21 13 13 00-0238 EA 3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon.....	13.17	5.28
<i>For &gt;25 To 50, Deduct</i>	-0.40	
<i>For &gt;50 To 100, Deduct</i>	-1.06	
<i>For &gt;100 To 500, Deduct</i>	-1.85	
<i>For &gt;500 To 1,000, Deduct</i>	-3.73	
<i>For &gt;1,000, Deduct</i>	-5.33	
21 13 13 00-0239 EA Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0240 EA Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0241 EA Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0242 EA Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0243 EA Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0244 EA White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head.....	28.69	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-1.86	
<i>For &gt;100 To 500, Deduct</i>	-3.80	
<i>For &gt;500 To 1,000, Deduct</i>	-6.62	
<i>For &gt;1,000, Deduct</i>	-8.34	
21 13 13 00-0245 EA 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	33.29	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-2.09	
<i>For &gt;100 To 500, Deduct</i>	-4.38	
<i>For &gt;500 To 1,000, Deduct</i>	-7.45	
<i>For &gt;1,000, Deduct</i>	-9.16	
21 13 13 00-0246 EA 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	34.36	5.14
<i>For &gt;25 To 50, Deduct</i>	-0.43	
<i>For &gt;50 To 100, Deduct</i>	-2.15	
<i>For &gt;100 To 500, Deduct</i>	-4.51	
<i>For &gt;500 To 1,000, Deduct</i>	-7.64	
<i>For &gt;1,000, Deduct</i>	-9.36	

21 13 13 00-0247 Cover Plate For Sprinkler Heads (21 13 13 00-0200)



**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0248	EA		Chrome Cover Plate For Concealed Pendent Sprinkler Head.....	69.53	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-3.96	
			<i>For &gt;100 To 500, Deduct</i>	-8.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-14.17	
			<i>For &gt;1,000, Deduct</i>	-16.11	
21 13 13 00-0249	EA		White Cover Plate For Concealed Pendent Sprinkler Head.....	33.02	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.14	
			<i>For &gt;100 To 500, Deduct</i>	-4.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.59	
			<i>For &gt;1,000, Deduct</i>	-9.54	
21 13 13 00-0250	EA		Specialty Cover Plate For Concealed Pendent Sprinkler Head.....	48.85	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.93	
			<i>For &gt;100 To 500, Deduct</i>	-6.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-10.44	
			<i>For &gt;1,000, Deduct</i>	-12.39	
21 13 13 00-0251	EA		Brass Cover Plate For Concealed Sidewall Sprinkler Head.....	44.75	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.72	
			<i>For &gt;100 To 500, Deduct</i>	-5.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.71	
			<i>For &gt;1,000, Deduct</i>	-11.65	
21 13 13 00-0252	EA		Chrome Cover Plate For Concealed Sidewall Sprinkler Head.....	35.43	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.26	
			<i>For &gt;100 To 500, Deduct</i>	-4.67	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.03	
			<i>For &gt;1,000, Deduct</i>	-9.97	
21 13 13 00-0253	EA		White Cover Plate For Concealed Sidewall Sprinkler Head.....	35.43	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.26	
			<i>For &gt;100 To 500, Deduct</i>	-4.67	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.03	
			<i>For &gt;1,000, Deduct</i>	-9.97	
21 13 13 00-0254	EA		Off-White Cover Plate For Concealed Sidewall Sprinkler Head.....	44.75	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.72	
			<i>For &gt;100 To 500, Deduct</i>	-5.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.71	
			<i>For &gt;1,000, Deduct</i>	-11.65	
21 13 13 00-0255	EA		Black Painted Cover Plate For Concealed Sidewall Sprinkler Head.....	44.75	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.72	
			<i>For &gt;100 To 500, Deduct</i>	-5.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.71	
			<i>For &gt;1,000, Deduct</i>	-11.65	
21 13 13 00-0256	EA		Black Plated Cover Plate For Concealed Sidewall Sprinkler Head.....	52.13	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-3.09	
			<i>For &gt;100 To 500, Deduct</i>	-6.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-11.03	
			<i>For &gt;1,000, Deduct</i>	-12.98	
21 13 13 00-0257	EA		Bright Brass Cover Plate For Concealed Sidewall Sprinkler Head.....	52.13	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-3.09	
			<i>For &gt;100 To 500, Deduct</i>	-6.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-11.03	
			<i>For &gt;1,000, Deduct</i>	-12.98	
21 13 13 00-0258	EA		Satin Chrome Cover Plate For Concealed Sidewall Sprinkler Head.....	52.13	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-3.09	
			<i>For &gt;100 To 500, Deduct</i>	-6.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-11.03	
			<i>For &gt;1,000, Deduct</i>	-12.98	
21 13 13 00-0259	EA		Specialty Cover Plate For Concealed Sidewall Sprinkler Head.....	44.79	5.82
			<i>For &gt;25 To 50, Deduct</i>	-0.49	
			<i>For &gt;50 To 100, Deduct</i>	-2.73	
			<i>For &gt;100 To 500, Deduct</i>	-5.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.71	
			<i>For &gt;1,000, Deduct</i>	-11.65	
21 13 13 00-0260	EA		White Cover Plate For Quick Release Concealed Sidewall Sprinkler Head.....	77.22	6.86
			<i>For &gt;25 To 50, Deduct</i>	-0.57	
			<i>For &gt;50 To 100, Deduct</i>	-4.43	
			<i>For &gt;100 To 500, Deduct</i>	-9.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-15.84	
			<i>For &gt;1,000, Deduct</i>	-18.13	
21 13 13 00-0261	EA		Chrome Cover Plate For Concealed Pendent Sprinkler Head (Tyco RFI).....	29.94	5.71

21 13 13 00-0262 Sprinkler Escutcheon Extension Tube (21 13 13 00-0200)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0263 EA 2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube ..... 17.28 3.43 Note: For use with 2 piece escutcheons For >25 To 50, Deduct -0.29 For >50 To 100, Deduct -1.15 For >100 To 500, Deduct -2.30 For >500 To 1,000, Deduct -4.08 For >1,000, Deduct -5.22		
21 13 13 00-0264 EA 2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube ..... 22.70 3.60 Note: For use with 2 piece escutcheons For >25 To 50, Deduct -0.30 For >50 To 100, Deduct -1.43 For >100 To 500, Deduct -2.99 For >500 To 1,000, Deduct -5.10 For >1,000, Deduct -6.30		
21 13 13 00-0265 EA 2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube ..... 28.78 3.77 Note: For use with 2 piece escutcheons For >25 To 50, Deduct -0.31 For >50 To 100, Deduct -1.75 For >100 To 500, Deduct -3.75 For >500 To 1,000, Deduct -6.25 For >1,000, Deduct -7.51		
21 13 13 00-0266 EA 2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube ..... 34.21 3.94 Note: For use with 2 piece escutcheons For >25 To 50, Deduct -0.33 For >50 To 100, Deduct -2.04 For >100 To 500, Deduct -4.44 For >500 To 1,000, Deduct -7.27 For >1,000, Deduct -8.59		
<b>21 13 13 00-0267 Sprinkler Head Guards (21 13 13 00-0200)</b>		
21 13 13 00-0268 EA Universal Sprinkler Head Guard, C-1 ..... 24.50 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.08 For >100 To 500, Deduct -3.49 For >500 To 1,000, Deduct -7.32 For >1,000, Deduct -10.75		
21 13 13 00-0269 EA Dry Pendent Sprinkler Head Guard, C-2 ..... 27.35 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.22 For >100 To 500, Deduct -3.85 For >500 To 1,000, Deduct -7.84 For >1,000, Deduct -11.26		
21 13 13 00-0270 EA Upright Sprinkler Head Guard With Water Shield, C-3 ..... 32.21 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.47 For >100 To 500, Deduct -4.45 For >500 To 1,000, Deduct -8.71 For >1,000, Deduct -12.14		
21 13 13 00-0271 EA Pendent Sprinkler Head Guard With Water Shield, C-5 ..... 38.21 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.77 For >100 To 500, Deduct -5.20 For >500 To 1,000, Deduct -9.79 For >1,000, Deduct -13.22		
21 13 13 00-0272 EA Universal Sprinkler Head Guard, D-1 ..... 27.24 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.22 For >100 To 500, Deduct -3.83 For >500 To 1,000, Deduct -7.82 For >1,000, Deduct -11.25		
21 13 13 00-0273 EA Upright Sprinkler Head Guard With Water Shield, D-3 ..... 29.09 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.31 For >100 To 500, Deduct -4.06 For >500 To 1,000, Deduct -8.15 For >1,000, Deduct -11.58		
21 13 13 00-0274 EA Pendent Sprinkler Head Guard With Large Water Shield, D-4 ..... 42.84 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -3.00 For >100 To 500, Deduct -5.78 For >500 To 1,000, Deduct -10.63 For >1,000, Deduct -14.05		
21 13 13 00-0275 EA Pendent Sprinkler Head Guard With Small Water Shield, D-5 ..... 40.09 10.29 For >25 To 50, Deduct -0.86 For >50 To 100, Deduct -2.86 For >100 To 500, Deduct -5.44 For >500 To 1,000, Deduct -10.13 For >1,000, Deduct -13.56		
<b>21 13 13 00-0276 Flexible Sprinkler Piping (21 13 13 00-0011)</b> Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 13 00-0277	EA 2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping.....	78.17	17.71
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.79	
	For >50 To 100, Deduct	-5.69	
	For >100 To 500, Deduct	-10.66	
	For >500 To 1,000, Deduct	-20.14	
	For >1,000, Deduct	-27.28	
21 13 13 00-0278	EA 3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping.....	86.52	18.28
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.88	
	For >50 To 100, Deduct	-6.21	
	For >100 To 500, Deduct	-11.75	
	For >500 To 1,000, Deduct	-21.96	
	For >1,000, Deduct	-29.48	
21 13 13 00-0279	EA 4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping.....	95.04	19.42
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-1.98	
	For >50 To 100, Deduct	-6.74	
	For >100 To 500, Deduct	-12.87	
	For >500 To 1,000, Deduct	-23.85	
	For >1,000, Deduct	-31.79	
21 13 13 00-0280	EA 5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping.....	103.85	20.57
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-2.10	
	For >50 To 100, Deduct	-7.29	
	For >100 To 500, Deduct	-14.03	
	For >500 To 1,000, Deduct	-25.83	
	For >1,000, Deduct	-34.24	
21 13 13 00-0281	EA 6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping.....	112.93	22.86
	Note: Includes ceiling mounting bracket.		
	For >25 To 50, Deduct	-2.23	
	For >50 To 100, Deduct	-7.88	
	For >100 To 500, Deduct	-15.23	
	For >500 To 1,000, Deduct	-27.92	
	For >1,000, Deduct	-36.84	

**21 13 13 00-0282 Sprinkler Emergency Cabinets** (21 13 13 00-0011)

21 13 13 00-0283	EA 3 Capacity Emergency Sprinkler Cabinet, A4.....	122.57	
21 13 13 00-0284	EA 6 Capacity Emergency Sprinkler Cabinet, A4.....	128.28	
21 13 13 00-0285	EA 12 Capacity Emergency Sprinkler Cabinet, A4.....	137.28	
21 13 13 00-0286	EA 12 Capacity Emergency Sprinkler Cabinet, A3.....	439.66	
21 13 13 00-0287	EA Sprinkler Wrench, RC1.....	216.44	
21 13 13 00-0288	EA Sprinkler Wrench, FC.....	215.59	
21 13 13 00-0289	EA Sprinkler Wrench, W2.....	71.58	

**21 13 16 Dry-Pipe Sprinkler Systems** (21 13)**21 13 16 00-0001 Complete Dry Pipe Sprinkler Systems Assembly** (21 13 16)

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.

**21 13 16 00-0002 Light Hazard, Dry-Pipe Sprinkler System Assemblies** (21 13 16 00-0001)

21 13 16 00-0003	EA Exposed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly.....	1,034.55	
	Note: Includes branch pipe and fittings, supports and sprinkler heads.		
	For Up To 5, Add	453.93	
	For >5 To 10, Add	203.72	
	For >10 To 20, Add	163.62	
	For >20 To 40, Add	71.78	
	For >100 To 150, Deduct	-103.46	
	For >150, Deduct	-206.91	
	For Copper Pipe, Add	135.13	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-186.86	
21 13 16 00-0004	EA Concealed Piping, Light Hazard, Per Head, Dry-Pipe Sprinkler System Assembly.....	1,224.96	
	Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
	For Up To 5, Add	544.39	
	For >5 To 10, Add	258.51	
	For >10 To 20, Add	204.10	
	For >20 To 40, Add	88.45	
	For >100 To 150, Deduct	-122.50	
	For >150, Deduct	-244.99	
	For Copper Pipe, Add	156.54	
	For Polyvinyl Chloride (PVC) Pipe, Deduct	-217.79	
	For Work In Restricted Working Space, Add	163.21	

**21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler System Assemblies** (21 13 16 00-0001)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0006 EA Exposed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly ..... 999.41 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
<i>For Up To 5, Add</i>	439.37	
<i>For &gt;5 To 10, Add</i>	198.96	
<i>For &gt;10 To 20, Add</i>	159.35	
<i>For &gt;20 To 40, Add</i>	69.77	
<i>For &gt;100 To 150, Deduct</i>	-99.94	
<i>For &gt;150, Deduct</i>	-199.88	
<i>For Copper Pipe, Add</i>	130.11	
<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-180.08	
21 13 16 00-0007 EA Concealed Piping, Ordinary Hazard, Per Head, Dry-Pipe Sprinkler System Assembly ..... 1,186.04 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
<i>For Up To 5, Add</i>	528.16	
<i>For &gt;5 To 10, Add</i>	252.97	
<i>For &gt;10 To 20, Add</i>	199.23	
<i>For &gt;20 To 40, Add</i>	86.18	
<i>For &gt;100 To 150, Deduct</i>	-118.60	
<i>For &gt;150, Deduct</i>	-237.21	
<i>For Copper Pipe, Add</i>	151.03	
<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-210.33	
<i>For Work In Restricted Working Space, Add</i>	161.24	
<b>21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler System Assemblies (21 13 16 00-0001)</b>		
21 13 16 00-0009 EA Exposed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly ..... 940.75 Note: Includes branch pipe and fittings, supports and sprinkler heads.		
<i>For Up To 5, Add</i>	413.21	
<i>For &gt;5 To 10, Add</i>	186.35	
<i>For &gt;10 To 20, Add</i>	149.44	
<i>For &gt;20 To 40, Add</i>	65.49	
<i>For &gt;100 To 150, Deduct</i>	-94.08	
<i>For &gt;150, Deduct</i>	-188.15	
<i>For Copper Pipe, Add</i>	122.66	
<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-169.70	
21 13 16 00-0010 EA Concealed Piping, Extra Hazard, Per Head, Dry-Pipe Sprinkler System Assembly ..... 1,103.75 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
<i>For Up To 5, Add</i>	491.56	
<i>For &gt;5 To 10, Add</i>	235.53	
<i>For &gt;10 To 20, Add</i>	185.47	
<i>For &gt;20 To 40, Add</i>	80.22	
<i>For &gt;100 To 150, Deduct</i>	-110.38	
<i>For &gt;150, Deduct</i>	-220.75	
<i>For Copper Pipe, Add</i>	140.53	
<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-195.72	
<i>For Work In Restricted Working Space, Add</i>	150.19	
<b>21 13 16 00-0011 Dry-Pipe Sprinkler System Compressors (21 13 16 00-0001)</b>		
21 13 16 00-0012 EA Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge ..... 2,599.78		324.05
21 13 16 00-0013 EA Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge ..... 2,716.30		324.05
21 13 16 00-0014 EA Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge ..... 2,814.62		324.05
21 13 16 00-0015 EA Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge ..... 3,196.95		324.05
<b>21 13 16 00-0016 Dry Pipe Sprinkler System Components (21 13 16)</b>		
<b>21 13 16 00-0017 Dry Pipe Valves (21 13 16 00-0016)</b>		
Note: Excludes trim package See CSI section 21 13 16 00-0023 for Dry Pipe Valve Trim.		
21 13 16 00-0018 EA 2-1/2" Dry Pipe Valve ..... 4,416.04		220.52
21 13 16 00-0019 EA 3" Dry Pipe Valve ..... 4,915.27		252.59
21 13 16 00-0020 EA 4" Dry Pipe Valve ..... 5,452.32		429.01
21 13 16 00-0021 EA 6" Dry Pipe Valve ..... 6,914.87		541.28
21 13 16 00-0022 EA 8" Dry Pipe Valve ..... 10,620.66		545.28
<b>21 13 16 00-0023 Dry Pipe Valve Trim (21 13 16 00-0016)</b>		
Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0024 EA 2-1/2" Dry Pipe Valve Trim ..... 2,107.30		311.14
<i>For Accelerator and Trim, Add</i>	1,336.06	
<i>For Priming Chamber, Add</i>	215.10	
21 13 16 00-0025 EA 3" Dry Pipe Valve Trim ..... 2,155.40		342.14
<i>For Accelerator and Trim, Add</i>	1,336.06	
<i>For Priming Chamber, Add</i>	215.10	
21 13 16 00-0026 EA 4" Dry Pipe Valve Trim ..... 2,415.77		426.60
<i>For Accelerator and Trim, Add</i>	1,336.06	
<i>For Priming Chamber, Add</i>	215.10	
21 13 16 00-0027 EA 6" Dry Pipe Valve Trim ..... 2,554.77		513.21
<i>For Accelerator and Trim, Add</i>	1,336.06	
<i>For Priming Chamber, Add</i>	215.10	
21 13 16 00-0028 EA 8" Dry Pipe Valve Trim ..... 2,880.12		577.37
<i>For Accelerator and Trim, Add</i>	1,336.06	
<i>For Priming Chamber, Add</i>	215.10	
21 13 16 00-0029 Dry Pipe Fire Protection Air Compressors (21 13 16 00-0016)		

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
21 13 16 00-0030	EA	1.46 CFM, 1/6 HP, 125 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		1,345.77	158.27
21 13 16 00-0031	EA	3.03 CFM, 1/3 HP, 250 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		1,632.15	168.48
21 13 16 00-0032	EA	4.85 CFM, 1/2 HP, 400 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		2,087.22	179.71
21 13 16 00-0033	EA	6.06 CFM, 3/4 HP, 500 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		2,274.43	207.28
21 13 16 00-0034	EA	7.28 CFM, 1 HP, 600 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		2,814.70	245.07
21 13 16 00-0035	EA	11.1 CFM, 1-1/2 HP, 915 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		3,553.47	259.36
21 13 16 00-0036	EA	14.85 CFM, 2 HP, 1225 Gallon Capacity, Oil-Less, Riser Mount, Fire Protection Air Compressors.....		4,303.39	269.57
<b>21 13 16 00-0037</b>		<b>Dry Pipe Fire Protection Nitrogen Generator (21 13 16 00-0016)</b>			
21 13 16 00-0038	EA	675 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator.....		9,717.51	245.07
21 13 16 00-0039	EA	950 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator.....		10,781.65	259.36
21 13 16 00-0040	EA	2,000 Gallon Total System Capacity, Wall Mount, Fire Protection Nitrogen Generator.....		15,314.49	336.96
<b>21 13 16 00-0041</b>		<b>Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response (21 13 16 00-0016)</b>			
21 13 16 00-0042	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		263.42	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-16.60	
		<i>For &gt;100 To 500, Deduct</i>		-34.64	
		<i>For &gt;500 To 1,000, Deduct</i>		-59.07	
		<i>For &gt;1,000, Deduct</i>		-72.78	
21 13 16 00-0043	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		274.64	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-17.16	
		<i>For &gt;100 To 500, Deduct</i>		-36.04	
		<i>For &gt;500 To 1,000, Deduct</i>		-61.09	
		<i>For &gt;1,000, Deduct</i>		-74.80	
21 13 16 00-0044	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		285.88	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-17.72	
		<i>For &gt;100 To 500, Deduct</i>		-37.45	
		<i>For &gt;500 To 1,000, Deduct</i>		-63.11	
		<i>For &gt;1,000, Deduct</i>		-76.83	
21 13 16 00-0045	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		297.13	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-18.28	
		<i>For &gt;100 To 500, Deduct</i>		-38.86	
		<i>For &gt;500 To 1,000, Deduct</i>		-65.14	
		<i>For &gt;1,000, Deduct</i>		-78.85	
21 13 16 00-0046	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		308.37	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-18.85	
		<i>For &gt;100 To 500, Deduct</i>		-40.26	
		<i>For &gt;500 To 1,000, Deduct</i>		-67.16	
		<i>For &gt;1,000, Deduct</i>		-80.87	
21 13 16 00-0047	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		319.60	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-19.41	
		<i>For &gt;100 To 500, Deduct</i>		-41.66	
		<i>For &gt;500 To 1,000, Deduct</i>		-69.18	
		<i>For &gt;1,000, Deduct</i>		-82.90	
21 13 16 00-0048	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		330.82	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-19.97	
		<i>For &gt;100 To 500, Deduct</i>		-43.07	
		<i>For &gt;500 To 1,000, Deduct</i>		-71.20	
		<i>For &gt;1,000, Deduct</i>		-84.91	
21 13 16 00-0049	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		342.08	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-20.53	
		<i>For &gt;100 To 500, Deduct</i>		-44.47	
		<i>For &gt;500 To 1,000, Deduct</i>		-73.23	
		<i>For &gt;1,000, Deduct</i>		-86.94	
21 13 16 00-0050	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		353.29	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-21.09	
		<i>For &gt;100 To 500, Deduct</i>		-45.88	
		<i>For &gt;500 To 1,000, Deduct</i>		-75.25	
		<i>For &gt;1,000, Deduct</i>		-88.96	
21 13 16 00-0051	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		364.53	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-21.65	
		<i>For &gt;100 To 500, Deduct</i>		-47.28	
		<i>For &gt;500 To 1,000, Deduct</i>		-77.27	
		<i>For &gt;1,000, Deduct</i>		-90.98	
21 13 16 00-0052	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....		375.78	22.63
		<i>For &gt;25 To 50, Deduct</i>		-3.43	
		<i>For &gt;50 To 100, Deduct</i>		-22.22	
		<i>For &gt;100 To 500, Deduct</i>		-48.69	
		<i>For &gt;500 To 1,000, Deduct</i>		-79.30	
		<i>For &gt;1,000, Deduct</i>		-93.01	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
21 13 16 00-0053 EA 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	387.02	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-22.78	
For >100 To 500, Deduct	-50.09	
For >500 To 1,000, Deduct	-81.32	
For >1,000, Deduct	-95.03	
21 13 16 00-0054 EA 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	398.27	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-23.34	
For >100 To 500, Deduct	-51.50	
For >500 To 1,000, Deduct	-83.34	
For >1,000, Deduct	-97.06	
21 13 16 00-0055 EA 42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	409.48	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-23.90	
For >100 To 500, Deduct	-52.90	
For >500 To 1,000, Deduct	-85.36	
For >1,000, Deduct	-99.07	
21 13 16 00-0056 EA 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	420.73	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-24.46	
For >100 To 500, Deduct	-54.31	
For >500 To 1,000, Deduct	-87.39	
For >1,000, Deduct	-101.10	
<b>21 13 16 00-0057 Sidewall Dry Pipe Sprinkler Heads, Quick Response</b> <small>(21 13 16 00-0016)</small>		
21 13 16 00-0058 EA 3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	260.72	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-16.46	
For >100 To 500, Deduct	-34.30	
For >500 To 1,000, Deduct	-58.58	
For >1,000, Deduct	-72.30	
21 13 16 00-0059 EA 6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	271.96	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-17.03	
For >100 To 500, Deduct	-35.71	
For >500 To 1,000, Deduct	-60.61	
For >1,000, Deduct	-74.32	
21 13 16 00-0060 EA 9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	283.22	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-17.59	
For >100 To 500, Deduct	-37.12	
For >500 To 1,000, Deduct	-62.63	
For >1,000, Deduct	-76.35	
21 13 16 00-0061 EA 12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	294.42	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-18.15	
For >100 To 500, Deduct	-38.52	
For >500 To 1,000, Deduct	-64.65	
For >1,000, Deduct	-78.36	
21 13 16 00-0062 EA 15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	305.67	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-18.71	
For >100 To 500, Deduct	-39.92	
For >500 To 1,000, Deduct	-66.68	
For >1,000, Deduct	-80.39	
21 13 16 00-0063 EA 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	316.88	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-19.27	
For >100 To 500, Deduct	-41.32	
For >500 To 1,000, Deduct	-68.69	
For >1,000, Deduct	-82.41	
21 13 16 00-0064 EA 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	328.16	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-19.84	
For >100 To 500, Deduct	-42.73	
For >500 To 1,000, Deduct	-70.72	
For >1,000, Deduct	-84.44	
21 13 16 00-0065 EA 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	339.39	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-20.40	
For >100 To 500, Deduct	-44.14	
For >500 To 1,000, Deduct	-72.75	
For >1,000, Deduct	-86.46	
21 13 16 00-0066 EA 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head .....	350.60	22.63
For >25 To 50, Deduct	-3.43	
For >50 To 100, Deduct	-20.96	
For >100 To 500, Deduct	-45.54	
For >500 To 1,000, Deduct	-74.76	
For >1,000, Deduct	-88.48	



**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0067	EA	30"	To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	361.83	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-21.52	
			<i>For &gt;100 To 500, Deduct</i>	-46.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-76.78	
			<i>For &gt;1,000, Deduct</i>	-90.50	
21 13 16 00-0068	EA	33"	To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	373.08	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-22.08	
			<i>For &gt;100 To 500, Deduct</i>	-48.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-78.81	
			<i>For &gt;1,000, Deduct</i>	-92.52	
21 13 16 00-0069	EA	36"	To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	384.31	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-22.64	
			<i>For &gt;100 To 500, Deduct</i>	-49.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-80.83	
			<i>For &gt;1,000, Deduct</i>	-94.54	
21 13 16 00-0070	EA	39"	To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	418.03	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-24.33	
			<i>For &gt;100 To 500, Deduct</i>	-53.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-86.90	
			<i>For &gt;1,000, Deduct</i>	-100.61	
21 13 16 00-0071	EA	42"	To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	429.27	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-24.89	
			<i>For &gt;100 To 500, Deduct</i>	-55.37	
			<i>For &gt;500 To 1,000, Deduct</i>	-88.92	
			<i>For &gt;1,000, Deduct</i>	-102.64	
21 13 16 00-0072	EA	45"	To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	433.75	22.63
			<i>For &gt;25 To 50, Deduct</i>	-3.43	
			<i>For &gt;50 To 100, Deduct</i>	-25.12	
			<i>For &gt;100 To 500, Deduct</i>	-55.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-89.73	
			<i>For &gt;1,000, Deduct</i>	-103.44	

**21 13 19 Preaction Sprinkler Systems (21 13)****21 13 19 00-0001 Complete Preaction Sprinkler Systems Assemblies (21 13 19)**

Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1395 for individual grooved pipe, 23 21 13 23-1468 for individual grooved pipe fittings.

**21 13 19 00-0002 Ordinary Hazard, Preaction Sprinkler System Assemblies (21 13 19 00-0001)**

21 13 19 00-0003	EA	Exposed Piping, Ordinary Hazard, Per Head, Preaction Sprinkler System Assembly .....	915.29	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		<i>For Up To 5, Add</i>	405.72	
		<i>For &gt;5 To 10, Add</i>	242.47	
		<i>For &gt;10 To 20, Add</i>	150.94	
		<i>For &gt;20 To 40, Add</i>	65.57	
		<i>For &gt;100 To 150, Deduct</i>	-91.53	
		<i>For &gt;150, Deduct</i>	-183.06	

**21 13 19 00-0004 Extra Hazard, Preaction Sprinkler System Assemblies (21 13 19 00-0001)**

21 13 19 00-0005	EA	Exposed Piping, Extra Hazard, Per Head, Preaction Sprinkler System Assembly .....	851.80	
		Note: Includes branch pipe and fittings, supports and sprinkler heads.		
		<i>For Up To 5, Add</i>	377.63	
		<i>For &gt;5 To 10, Add</i>	225.72	
		<i>For &gt;10 To 20, Add</i>	140.54	
		<i>For &gt;20 To 40, Add</i>	61.04	
		<i>For &gt;100 To 150, Deduct</i>	-85.18	
		<i>For &gt;150, Deduct</i>	-170.36	

**21 13 26 Deluge Fire-Suppression Sprinkler Systems (21 13)****21 13 26 00-0001 Deluge Fire-Suppression Sprinkler Systems Equipment (21 13 26)**

See CSI section 23 21 13 23-0000 for pipe and fittings.

**21 13 26 00-0002 Deluge Valves, Wet-Pilot Activation With Required Trim And Release Equipment (21 13 26 00-0001)**

21 13 26 00-0003	EA	3" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment .....	8,489.19	634.86
		<i>For Accelerator and Trim, Add</i>	1,336.06	
		<i>For Priming Chamber, Add</i>	215.10	
		<i>For Dry-Pilot Activation, Add</i>	721.96	



<b>Fire Suppression</b>	<b>21</b>	
<b>Water-Based Fire-Suppression Systems</b>	<b>21 10</b>	<b>12</b>
<b>Fire-Suppression Sprinkler Systems</b>	<b>21 13</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 26 00-0004	EA		4" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment ..... <i>For Accelerator and Trim, Add</i> <i>For Priming Chamber, Add</i> <i>For Dry-Pilot Activation, Add</i>	10,501.48 1,336.06 215.10 907.32	714.16
21 13 26 00-0005	EA		6" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment ..... <i>For Accelerator and Trim, Add</i> <i>For Priming Chamber, Add</i> <i>For Dry-Pilot Activation, Add</i>	12,455.33 1,336.06 215.10 1,037.78	1,038.79
21 13 26 00-0006	EA		8" Deluge Valve, Wet-Pilot Activation With Trim And Release Equipment ..... <i>For Accelerator and Trim, Add</i> <i>For Priming Chamber, Add</i> <i>For Dry-Pilot Activation, Add</i>	21,127.09 1,336.06 215.10 1,863.04	1,248.35
<b>21 13 39 Foam-Water Systems (21 13)</b>					
21 13 39 00-0001			Foam Control Valves And Monitors (21 13 39)		
21 13 39 00-0002			Control Valves (21 13 39 00-0001)		
21 13 39 00-0003	EA		3" Foam Control Valve.....	4,489.66	634.86
21 13 39 00-0004			Supply Valves (21 13 39 00-0001)		
21 13 39 00-0005	EA		2-1/2" Foam Supply Valve .....	3,932.80	714.16
21 13 39 00-0006			Proportioners (21 13 39 00-0001)		
21 13 39 00-0007	EA		8" Foam Proportioner.....	2,878.21	1,038.79
21 13 39 00-0008			Monitors (21 13 39 00-0001)		
21 13 39 00-0009	EA		Oscillating Foam Monitor.....	5,081.59	142.83
<b>21 13 41 Fire-Suppression Sprinkler Piping (21 13)</b>					
See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0797 for flanged black steel pipe fittings, 23 21 13 23-1395 for grooved pipe, 23 21 13 23-1468 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.					
21 13 41 00-0001			Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41) Note: SDR 13.5		
21 13 41 00-0002			Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41)		
21 13 41 00-0003	LF		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	6.03 1.37	1.82
21 13 41 00-0004	LF		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.16 1.48	1.94
21 13 41 00-0005	LF		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	8.89 1.61	2.18
21 13 41 00-0006	LF		1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	10.82 1.78	2.40
21 13 41 00-0007	LF		2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	13.78 1.99	2.63
21 13 41 00-0008	LF		2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	18.69 2.27	2.97
21 13 41 00-0009	LF		3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe ..... <i>For Work In Restricted Working Space, Add</i>	25.89 2.68	3.55
21 13 41 00-0010			Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0011	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	29.32 8.23	10.97
21 13 41 00-0012	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	38.52 10.32	13.71
21 13 41 00-0013	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	48.19 12.89	17.14
21 13 41 00-0014	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	54.93 14.26	18.97
21 13 41 00-0015	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	62.23 15.91	21.26
21 13 41 00-0016	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	78.03 18.10	24.11
21 13 41 00-0017	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	95.38 21.39	28.57
21 13 41 00-0018			Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0019	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	29.99 8.23	10.97

**21 Fire Suppression****21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0020	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	37.45 10.32	13.71
21 13 41 00-0021	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	47.38 12.89	17.14
21 13 41 00-0022	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	53.64 14.26	18.97
21 13 41 00-0023	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	60.61 15.91	21.26
21 13 41 00-0024	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	73.96 18.10	24.11
21 13 41 00-0025	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	90.90 21.39	28.57
<b>21 13 41 00-0026</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping (21 13 41 00-0001)</b>		
21 13 41 00-0027	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	43.70 12.34	16.45
21 13 41 00-0028	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	56.73 15.50	20.68
21 13 41 00-0029	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	72.09 19.33	25.82
21 13 41 00-0030	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	82.56 21.39	28.57
21 13 41 00-0031	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	96.22 23.86	31.76
21 13 41 00-0032	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	117.61 27.15	36.23
21 13 41 00-0033	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	138.96 32.09	42.73
<b>21 13 41 00-0034</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping (21 13 41 00-0001)</b>		
21 13 41 00-0035	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	52.43 14.43	19.31
21 13 41 00-0036	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	68.04 18.03	24.11
21 13 41 00-0037	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	76.12 19.95	26.63
21 13 41 00-0038	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	89.61 22.28	29.71
21 13 41 00-0039	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	105.52 25.33	33.82
21 13 41 00-0040	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	124.21 29.96	39.88
<b>21 13 41 00-0041</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping (21 13 41 00-0001)</b>		
21 13 41 00-0042	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	58.91 16.45	21.94
21 13 41 00-0043	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	73.86 20.63	27.54
21 13 41 00-0044	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	92.98 25.78	34.39
21 13 41 00-0045	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	104.69 28.52	38.05
21 13 41 00-0046	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	121.90 31.81	42.39
21 13 41 00-0047	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	155.24 36.20	48.22
<b>21 13 41 00-0048</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping (21 13 41 00-0001)</b>		
21 13 41 00-0049	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	20.10 5.48	7.31
21 13 41 00-0050	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	26.94 7.37	9.82
21 13 41 00-0051	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	35.69 9.67	12.91
21 13 41 00-0052	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	40.59 10.70	14.28
21 13 41 00-0053	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	46.46 11.93	15.89
21 13 41 00-0054	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	55.50 13.58	18.05
21 13 41 00-0055	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping ..... <i>For Work In Restricted Working Space, Add</i>	66.84 16.04	21.37
<b>21 13 41 00-0056</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping (21 13 41 00-0001)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0057 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	10.23	3.66
<i>For Work In Restricted Working Space, Add</i>	2.74	
21 13 41 00-0058 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	16.30	5.94
<i>For Work In Restricted Working Space, Add</i>	4.42	
21 13 41 00-0059 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	18.62	6.40
<i>For Work In Restricted Working Space, Add</i>	4.83	
21 13 41 00-0060 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	21.28	7.08
<i>For Work In Restricted Working Space, Add</i>	5.35	
21 13 41 00-0061 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	25.11	8.00
<i>For Work In Restricted Working Space, Add</i>	5.97	
21 13 41 00-0062 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	30.16	9.03
<i>For Work In Restricted Working Space, Add</i>	6.79	
21 13 41 00-0063 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping.....	38.95	10.74
<i>For Work In Restricted Working Space, Add</i>	8.02	
<b>21 13 41 00-0064 Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0065 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	28.50	10.86
<i>For Work In Restricted Working Space, Add</i>	8.12	
21 13 41 00-0066 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	37.73	14.16
<i>For Work In Restricted Working Space, Add</i>	10.63	
21 13 41 00-0067 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	41.71	15.65
<i>For Work In Restricted Working Space, Add</i>	11.76	
21 13 41 00-0068 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	47.43	17.48
<i>For Work In Restricted Working Space, Add</i>	13.13	
21 13 41 00-0069 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	56.12	19.89
<i>For Work In Restricted Working Space, Add</i>	14.95	
21 13 41 00-0070 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping .....	68.34	23.54
<i>For Work In Restricted Working Space, Add</i>	17.65	
<b>21 13 41 00-0071 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0072 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	24.85	8.00
<i>For Work In Restricted Working Space, Add</i>	6.03	
21 13 41 00-0073 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping.....	32.10	10.86
<i>For Work In Restricted Working Space, Add</i>	8.12	
<b>21 13 41 00-0074 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0075 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping .....	24.85	8.00
<i>For Work In Restricted Working Space, Add</i>	6.03	
21 13 41 00-0076 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping .....	32.10	10.86
<i>For Work In Restricted Working Space, Add</i>	8.12	
<b>21 13 41 00-0077 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0078 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping .....	29.09	9.82
<i>For Work In Restricted Working Space, Add</i>	7.40	
21 13 41 00-0079 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping .....	37.15	12.34
<i>For Work In Restricted Working Space, Add</i>	9.29	
21 13 41 00-0080 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping .....	38.50	12.34
<i>For Work In Restricted Working Space, Add</i>	9.29	
<b>21 13 41 00-0081 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping</b> <small>(21 13 41 00-0001)</small>		
21 13 41 00-0082 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	47.83	16.45
<i>For Work In Restricted Working Space, Add</i>	12.34	
21 13 41 00-0083 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	58.90	20.68
<i>For Work In Restricted Working Space, Add</i>	15.50	
21 13 41 00-0084 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	76.51	25.82
<i>For Work In Restricted Working Space, Add</i>	19.33	
21 13 41 00-0085 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	87.24	28.57
<i>For Work In Restricted Working Space, Add</i>	21.39	
21 13 41 00-0086 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping.....	101.91	31.76
<i>For Work In Restricted Working Space, Add</i>	23.86	

<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 10</b>	<b>Water-Based Fire-Suppression Systems</b>
	<b>21 13</b>	<b>Fire-Suppression Sprinkler Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**21 20 Fire-Extinguishing Systems** <sup>(21)</sup>

**21 21 Carbon-Dioxide Fire-Extinguishing Systems** <sup>(21 20)</sup>

**21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment** <sup>(21 21)</sup>

**21 21 16 00-0001 Carbon Dioxide Cylinders** <sup>(21 21 16)</sup>

21 21 16 00-0002	EA	Carbon Dioxide Simplex Cylinder, 75 Lb. ....	4,504.70	233.10
21 21 16 00-0003	EA	Carbon Dioxide Duplex Cylinder, 75 Lb. (Each) .....	9,009.42	466.19
21 21 16 00-0004	EA	Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket.....	491.64	123.06
21 21 16 00-0005	EA	Carbon Dioxide Cylinder, Dispersion Nozzle .....	242.54	42.64
21 21 16 00-0006	LF	Carbon Dioxide Cylinder, 1/2" Rubber Tubing .....	50.59	17.29

**21 22 Clean-Agent Fire-Extinguishing Systems** <sup>(21 20)</sup>

**21 22 16 Clean-Agent Fire-Extinguishing Equipment** <sup>(21 22)</sup>

**21 22 16 00-0001 Ansul Fire Control Systems** <sup>(21 22 16)</sup>

**21 22 16 00-0002 Sapphire® Fire Suppression Systems** <sup>(21 22 16 00-0001)</sup>

Note: ANSUL® SAPPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.

**21 22 16 00-0003 Cylinders, Sapphire® Fire Suppression Systems** <sup>(21 22 16 00-0002)</sup>

21 22 16 00-0004	EA	20 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635).....	1,636.81	79.47
		Note: 10 to 21 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0005	EA	40 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636).....	1,867.21	79.47
		Note: 20 to 46 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0006	EA	80 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637).....	1,897.50	79.47
		Note: 41 to 80 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0007	EA	140 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638).....	2,694.02	105.95
		Note: 58 to 138 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0008	EA	280 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639).....	2,846.33	105.95
		Note: 116 to 280 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0009	EA	390 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640).....	3,040.82	132.45
		Note: 161 to 388 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0010	EA	450 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641).....	3,226.53	132.45
		Note: 194 to 459 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0011	EA	850 Lb. Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586).....	4,870.39	158.93
		Note: 375 to 851 Lb. tank capacity. Excludes Sapphire agent.		
21 22 16 00-0012	LB	Sapphire Agent, Fire Protection Fluid, Factory Filled (Novec 1230).....	41.15	158.93
		Note: Add to empty tank cost.		

**21 22 16 00-0013 Nozzles, Sapphire® Fire Suppression Systems** <sup>(21 22 16 00-0002)</sup>

21 22 16 00-0014	EA	1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515).....	156.20	13.25
21 22 16 00-0015	EA	3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516).....	160.12	13.25
21 22 16 00-0016	EA	1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517).....	169.96	13.25
21 22 16 00-0017	EA	1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518).....	176.84	13.25
21 22 16 00-0018	EA	1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519).....	186.66	13.25
21 22 16 00-0019	EA	2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520).....	216.13	13.25
21 22 16 00-0020	EA	1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602).....	156.20	13.25
21 22 16 00-0021	EA	3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603).....	160.12	13.25
21 22 16 00-0022	EA	1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604).....	169.96	13.25
21 22 16 00-0023	EA	1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605).....	176.84	13.25
21 22 16 00-0024	EA	1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606).....	186.66	13.25
21 22 16 00-0025	EA	2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607).....	216.13	13.25

**21 22 16 00-0026 Actuation Attachments, Sapphire® Fire Suppression System** <sup>(21 22 16 00-0002)</sup>

21 22 16 00-0027	EA	7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	14.02	3.97
21 22 16 00-0028	EA	7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811).....	15.71	3.97
21 22 16 00-0029	EA	1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	21.31	9.27
21 22 16 00-0030	EA	16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597).....	50.43	11.87
21 22 16 00-0031	EA	32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142).....	74.82	11.87
21 22 16 00-0032	EA	42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815).....	90.38	11.87
21 22 16 00-0033	EA	24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	44.81	11.87
21 22 16 00-0034	EA	Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	311.15	105.95
21 22 16 00-0035	EA	Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549).....	300.42	79.47
21 22 16 00-0036	EA	Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	676.69	105.95

**21 22 16 00-0037 Nameplates, Sapphire® Fire Suppression Systems** <sup>(21 22 16 00-0002)</sup>

21 22 16 00-0038	EA	Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580).....	50.07	13.25
21 22 16 00-0039	EA	Warning Plate For Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581).....	54.51	13.25

**21 22 16 00-0040 Cylinder Bracketing, Sapphire® Fire Suppression Systems** <sup>(21 22 16 00-0002)</sup>





<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>2</b>
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0041 EA Tank Bracket Assembly For 20 Lb., 40 Lb., 50 Lb., 80 Lb., And 90 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) .....	154.15	39.73
21 22 16 00-0042 EA Tank Bracket Assembly For 140 Lb., 280 Lb., 390 Lb., And 450 Lb., Tanks, Sapphire® Fire Suppression Systems (Ansul 570085) .....	162.99	39.73
21 22 16 00-0043 EA Tank Bracket Assembly For 850 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570336) .....	174.30	39.73
<b>21 22 16 00-0044 Check Valves, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0045 EA 1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566) .....	417.75	42.17
21 22 16 00-0046 EA 2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568) .....	586.77	72.36
<b>21 22 16 00-0047 Discharge Hose, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0048 EA 1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539) .....	130.61	26.49
21 22 16 00-0049 EA 2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538) .....	492.23	26.49
21 22 16 00-0050 EA 3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990) .....	414.58	26.49
21 22 16 00-0051 EA 3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841) .....	1,811.62	105.95
<b>21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0053 EA 1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557) .....	46.74	18.55
21 22 16 00-0054 EA 2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558) .....	83.48	18.55
21 22 16 00-0055 EA 3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471) .....	232.84	13.25
21 22 16 00-0056 EA 3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470) .....	300.82	13.25
<b>21 22 16 00-0057 Pressure Switches, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0058 EA Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585) .....	171.29	52.98
21 22 16 00-0059 EA Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156) .....	173.23	22.25
21 22 16 00-0060 EA Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250) .....	532.28	92.71
<b>21 22 16 00-0061 Level Indicators, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0062 EA Liquid Level Indicator For 280 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570277) .....	624.68	18.55
21 22 16 00-0063 EA Liquid Level Indicator For 390 Lb. And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278) .....	654.18	18.55
21 22 16 00-0064 EA Liquid Level Indicator For 450 Lb. Tanks, Sapphire® Fire Suppression Systems (Ansul 570589) .....	700.52	26.49
<b>21 22 16 00-0065 Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0066 EA Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342) .....	47.50	15.90
21 22 16 00-0067 EA Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642) .....	59.58	18.55
21 22 16 00-0068 EA Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579) .....	198.43	79.47
21 22 16 00-0069 EA 1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576) .....	232.13	79.47
21 22 16 00-0070 EA 2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592) .....	260.14	79.47
21 22 16 00-0071 EA 3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891) .....	350.54	79.47
<b>21 22 16 00-0072 Replacement Parts, Sapphire® Fire Suppression Systems (21 22 16 00-0002)</b>		
21 22 16 00-0073 EA O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559) .....	56.52	21.19
21 22 16 00-0074 EA Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553) .....	93.80	13.25
21 22 16 00-0075 EA Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053) .....	126.20	26.49
21 22 16 00-0076 EA Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543) .....	331.79	105.95
21 22 16 00-0077 EA Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551) .....	503.74	105.95
21 22 16 00-0078 EA 1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535) .....	1,709.42	105.95
<b>21 22 16 00-0079 Inergen® Fire Suppression System (21 22 16 00-0001)</b>		
<b>21 22 16 00-0080 Actuation Attachments, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0081 EA Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082) .....	183.26	26.27
21 22 16 00-0082 EA Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958) .....	213.14	28.24
21 22 16 00-0083 EA Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309) .....	381.32	51.11
21 22 16 00-0084 EA Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876) .....	766.45	116.40
<b>21 22 16 00-0085 Check Valves, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0086 EA 2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794) .....	1,851.84	153.62
<b>21 22 16 00-0087 Components, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0088 EA 1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378) .....	54.43	8.06
21 22 16 00-0089 EA Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700) .....	640.39	86.32
21 22 16 00-0090 EA 30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169) .....	1,993.48	270.08
21 22 16 00-0091 EA 60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170) .....	1,899.45	275.14
<b>21 22 16 00-0092 Cylinders, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093 EA 200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147) .....	1,661.71	247.18



<b>21</b>	<b>Fire Suppression</b>
<b>21 20</b>	<b>Fire-Extinguishing Systems</b>
<b>21 22</b>	<b>Clean-Agent Fire-Extinguishing Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0094 EA 250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148) .....	1,885.02	280.04
21 22 16 00-0095 EA 350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620) .....	2,698.46	362.90
21 22 16 00-0096 EA 435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150) .....	2,699.50	443.46
21 22 16 00-0097 EA 250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257) .....	1,949.16	312.25
21 22 16 00-0098 EA 350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621) .....	2,763.09	395.23
21 22 16 00-0099 EA 435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259) .....	2,849.98	476.53
<b>21 22 16 00-0100 Inspection/Maintenance Devices, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0101 EA CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657) .....	62.73	8.99
21 22 16 00-0102 EA CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181) .....	62.73	8.99
21 22 16 00-0103 EA CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954) .....	75.68	9.98
21 22 16 00-0104 EA Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923) .....	1,195.28	171.52
<b>21 22 16 00-0105 Multiple Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0106 EA 13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502) .....	20.14	2.63
Note: For single row 435 cubic foot cylinders.		
21 22 16 00-0107 EA 27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503) .....	28.58	3.75
Note: For double row 435 cubic foot cylinders.		
<b>21 22 16 00-0108 Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0109 EA Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265) .....	22.20	2.94
21 22 16 00-0110 EA Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266) .....	20.52	2.94
<b>21 22 16 00-0111 Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0112 EA 1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708) .....	89.20	12.66
21 22 16 00-0113 EA 3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711) .....	93.58	13.26
21 22 16 00-0114 EA 1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714) .....	108.74	15.31
21 22 16 00-0115 EA 1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717) .....	121.20	17.29
21 22 16 00-0116 EA 1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720) .....	139.04	19.87
<b>21 22 16 00-0117 Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0118 EA 1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908) .....	136.59	19.59
21 22 16 00-0119 EA 3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723) .....	141.72	20.17
21 22 16 00-0120 EA 1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362) .....	130.73	18.67
21 22 16 00-0121 EA 3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363) .....	133.86	20.17
21 22 16 00-0122 EA 1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364) .....	155.41	22.18
21 22 16 00-0123 EA 1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365) .....	166.15	23.62
21 22 16 00-0124 EA 1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366) .....	178.87	25.35
21 22 16 00-0125 EA 2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155) .....	307.88	44.37
21 22 16 00-0126 EA 2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156) .....	407.07	58.19
21 22 16 00-0127 EA 3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137) .....	443.76	63.96
21 22 16 00-0128 EA 1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138) .....	159.07	23.03
21 22 16 00-0129 EA 3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139) .....	187.64	26.97
21 22 16 00-0130 EA 1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140) .....	154.42	22.18
21 22 16 00-0131 EA 3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141) .....	164.94	23.51
21 22 16 00-0132 EA 1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142) .....	166.40	23.62
21 22 16 00-0133 EA 1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143) .....	200.87	28.70
21 22 16 00-0134 EA 1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157) .....	216.48	31.11
21 22 16 00-0135 EA 2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144) .....	332.32	47.75
21 22 16 00-0136 EA 2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145) .....	388.01	55.90
21 22 16 00-0137 EA 3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146) .....	425.16	61.07
<b>21 22 16 00-0138 Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0139 EA 1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677) .....	178.87	25.35
21 22 16 00-0140 EA 3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678) .....	219.44	31.58
21 22 16 00-0141 EA 1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679) .....	236.03	34.00
21 22 16 00-0142 EA 1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680) .....	332.32	47.75
21 22 16 00-0143 EA 1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681) .....	363.10	52.32
21 22 16 00-0144 EA 2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682) .....	426.61	61.07
21 22 16 00-0145 EA 2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057) .....	496.00	71.62
21 22 16 00-0146 EA 3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058) .....	586.40	84.71
21 22 16 00-0147 EA 2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823) .....	748.02	167.11
21 22 16 00-0148 EA 3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824) .....	963.48	195.92
21 22 16 00-0149 EA 4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825) .....	1,231.10	328.44
21 22 16 00-0150 EA 2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847) .....	729.34	167.11
21 22 16 00-0151 EA 3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848) .....	807.29	116.71
21 22 16 00-0152 EA 4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849) .....	1,231.10	328.44
21 22 16 00-0153 EA 2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853) .....	745.06	167.11
21 22 16 00-0154 EA 3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854) .....	839.06	121.29
21 22 16 00-0155 EA 4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855) .....	1,207.52	328.44
<b>21 22 16 00-0156 Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		



	<b>Fire Suppression</b>	<b>21</b>
	<b>Fire-Extinguishing Systems</b>	<b>21 20</b>
	<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344).....	839.94	127.35
<b>21 22 16 00-0158</b>		<b>Releasing Device Equipment, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728).....	1,377.55	197.56
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492).....	1,961.22	263.26
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525).....	2,079.45	267.79
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310).....	97.26	13.62
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373).....	116.22	18.03
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939).....	1,113.89	140.95
<b>21 22 16 00-0165</b>		<b>Replacement Orifice Plates, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095).....	121.84	13.38
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096).....	127.71	14.09
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097).....	134.09	14.33
21 22 16 00-0169	EA	1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098).....	143.89	14.81
21 22 16 00-0170	EA	1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099).....	149.73	16.25
21 22 16 00-0171	EA	2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100).....	150.42	17.56
21 22 16 00-0172	EA	2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984).....	329.85	47.06
21 22 16 00-0173	EA	3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985).....	332.80	47.54
21 22 16 00-0174	EA	4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986).....	426.61	60.91
<b>21 22 16 00-0175</b>		<b>Single Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0176	EA	Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704).....	155.41	22.18
21 22 16 00-0177	EA	Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705).....	212.80	50.71
		Note: Includes saddle, padding and fasteners.		
<b>21 22 16 00-0178</b>		<b>Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0179	EA	2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856).....	405.15	32.79
		Note: Includes gasket and fasteners.		
21 22 16 00-0180	EA	3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857).....	340.61	48.96
		Note: Includes gasket and fasteners.		
21 22 16 00-0181	EA	4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858).....	686.77	328.44
		Note: Includes gasket and fasteners.		
21 22 16 00-0182	EA	2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859).....	213.57	30.62
		Note: Includes gasket and fasteners.		
21 22 16 00-0183	EA	3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860).....	250.69	35.73
		Note: Includes gasket and fasteners.		
21 22 16 00-0184	EA	4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861).....	681.81	328.44
		Note: Includes gasket and fasteners.		
21 22 16 00-0185	EA	2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862).....	222.34	32.07
		Note: Includes gasket and fasteners.		
21 22 16 00-0186	EA	3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863).....	260.48	37.38
		Note: Includes gasket and fasteners.		
21 22 16 00-0187	EA	4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864).....	706.37	328.44
		Note: Includes gasket and fasteners.		
21 22 16 00-0188	EA	2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828).....	43.58	2.43
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0189	EA	3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829).....	44.05	2.68
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0190	EA	4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830).....	47.45	3.17
		Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
<b>21 22 16 00-0191</b>		<b>Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System (21 22 16 00-0079)</b>		
21 22 16 00-0192	EA	Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508).....	27.22	3.90
21 22 16 00-0193	EA	Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027).....	223.90	29.63
21 22 16 00-0194	EA	85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592).....	166.93	29.63
		Note: Includes upright, left, right and center.		
<b>21 22 16 00-0195</b>		<b>Autopulse® Fire Detection And Control Equipment (21 22 16 00-0001)</b>		

21	<b>21 Fire Suppression</b>
	<b>21 20 Fire-Extinguishing Systems</b>
	<b>21 22 Clean-Agent Fire-Extinguishing Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 22 16 00-0196</b> <b>Accessory Switches, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0197 EA Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495) .....	175.42	25.56
21 22 16 00-0198 EA Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494) .....	199.37	29.14
21 22 16 00-0199 EA Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497).....	253.58	37.03
21 22 16 00-0200 EA Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496) .....	273.14	39.89
21 22 16 00-0201 EA Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499) .....	342.02	50.17
21 22 16 00-0202 EA Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498).....	364.02	53.27
21 22 16 00-0203 EA Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956).....	697.74	102.72
21 22 16 00-0204 EA Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490) .....	56.18	7.65
<b>21 22 16 00-0205</b> <b>Alarm Devices, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0206 EA Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698) .....	151.97	22.21
21 22 16 00-0207 EA Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699).....	222.82	32.49
21 22 16 00-0208 EA Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702).....	20.33	2.96
<b>21 22 16 00-0209</b> <b>Annunciators, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0210 EA 80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492).....	1,750.88	257.76
21 22 16 00-0211 EA 16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496) .....	1,467.76	215.95
21 22 16 00-0212 EA 16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497) .....	1,139.40	167.70
21 22 16 00-0213 EA 32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500) .....	992.36	145.96
21 22 16 00-0214 EA Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501) .....	992.36	145.96
21 22 16 00-0215 EA Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502) .....	794.97	116.82
21 22 16 00-0216 EA Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650) .....	1,467.76	215.95
21 22 16 00-0217 EA 24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651) .....	298.54	43.72
21 22 16 00-0218 EA 48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652) .....	374.27	54.94
21 22 16 00-0219 EA 8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653) .....	750.49	110.36
21 22 16 00-0220 EA Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660) .....	126.80	18.51
21 22 16 00-0221 EA Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576).....	172.46	25.56
21 22 16 00-0222 EA Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657).....	298.55	43.72
<b>21 22 16 00-0223</b> <b>Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0224 EA CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586) .....	232.03	35.60
21 22 16 00-0225 EA REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639) .....	14.35	2.44
21 22 16 00-0226 EA REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640) .....	100.32	2.96
21 22 16 00-0227 EA REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765) .....	15.52	2.96
<b>21 22 16 00-0228</b> <b>Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0229 EA Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564) .....	515.80	79.79
21 22 16 00-0230 EA Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566) .....	309.21	47.54
<b>21 22 16 00-0231</b> <b>Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>		
21 22 16 00-0232 EA 7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692) .....	227.86	30.58
21 22 16 00-0233 EA 12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693) .....	476.54	64.74
21 22 16 00-0234 EA 18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694) .....	537.78	73.33
21 22 16 00-0235 EA 25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695) .....	702.79	89.34
21 22 16 00-0236 EA 55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997) .....	1,133.19	155.04
21 22 16 00-0237 EA BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578).....	169.56	24.61
21 22 16 00-0238 EA BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079).....	302.93	44.43
21 22 16 00-0239 EA BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410).....	616.14	90.54
21 22 16 00-0240 EA Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207) .....	1,791.20	263.73
21 22 16 00-0241 EA 120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563) .....	1,309.93	192.78



<b>Fire Suppression</b>	<b>21</b>	
<b>Fire-Extinguishing Systems</b>	<b>21 20</b>	<b>12</b>
<b>Clean-Agent Fire-Extinguishing Systems</b>	<b>21 22</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>21 22 16 00-0242</b>	<b>Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>	
21 22 16 00-0243 EA Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansl 428097).....	138.03	20.43
21 22 16 00-0244 EA Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansl 428098).....	128.95	20.31
21 22 16 00-0245 EA Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansl 417480).....	174.79	29.14
21 22 16 00-0246 EA 2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansl 428100).....	259.46	37.99
21 22 16 00-0247 EA NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansl 428101).....	201.74	30.81
21 22 16 00-0248 EA Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansl 428102).....	189.52	29.63
21 22 16 00-0249 EA Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansl 417487).....	30.19	4.73
21 22 16 00-0250 EA Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansl 426125).....	111.39	16.72
21 22 16 00-0251 EA Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansl 427066).....	111.41	16.25
21 22 16 00-0252 EA HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansl 427067).....	39.70	13.38
21 22 16 00-0253 EA Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansl 428138).....	10.25	1.48
21 22 16 00-0254 EA Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansl 423945).....	107.24	15.64
21 22 16 00-0255 EA EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansl 417699).....	62.83	9.22
21 22 16 00-0256 EA XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansl 428078).....	170.05	24.37
21 22 16 00-0257 EA BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansl 428080).....	88.93	12.90
<b>21 22 16 00-0258</b>	<b>Manual Pull Stations, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>	
21 22 16 00-0259 EA Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansl 428661).....	25.59	3.47
21 22 16 00-0260 EA Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansl 418336).....	15.87	1.91
<b>21 22 16 00-0261</b>	<b>Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment</b> <small>(21 22 16 00-0195)</small>	
21 22 16 00-0262 EA Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansl 417470).....	222.82	32.49
21 22 16 00-0263 EA Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansl 417471).....	670.06	93.40
21 22 16 00-0264 EA Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansl 419411).....	1,279.17	188.24
21 22 16 00-0265 EA Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansl 419635).....	34.12	4.88
<b>21 22 16 00-0266</b>	<b>Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0001)</small>	
<b>21 22 16 00-0267</b>	<b>Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>	
21 22 16 00-0268 EA Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansl 430482).....	173.40	22.94
21 22 16 00-0269 EA Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansl 430379).....	410.16	34.57
21 22 16 00-0270 EA 120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansl 430374).....	964.33	133.77
21 22 16 00-0271 EA 220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansl 430375).....	964.33	133.77
21 22 16 00-0272 EA 120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansl 430376).....	1,448.91	200.66
21 22 16 00-0273 EA 220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansl 430377).....	1,448.91	200.66
21 22 16 00-0274 EA 48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansl 430378).....	2,117.11	255.61
<b>21 22 16 00-0275</b>	<b>Blank Plates, Vesda® Aspirating Smoke Detection System</b> <small>(21 22 16 00-0266)</small>	
21 22 16 00-0276 EA Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansl 430459).....	31.10	4.30
21 22 16 00-0277 EA Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansl 430458).....	46.93	4.30
21 22 16 00-0278 EA Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansl 430484).....	68.09	8.12
21 22 16 00-0279 EA Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansl 430446).....	106.08	9.08
21 22 16 00-0280 EA Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansl 430447).....	133.33	18.15
21 22 16 00-0281 EA Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansl 430480).....	247.10	22.94





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

21 22 16 00-0282	Detectors, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>			
21 22 16 00-0283	EA	LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350).....	7,281.40	1,122.77
		Note: Includes 3 blank plates.		
21 22 16 00-0284	EA	LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354).....	9,290.86	1,385.54
		Note: Includes centrally mounted LCD programmer module and standard display.		
21 22 16 00-0285	EA	LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356).....	8,400.86	1,266.10
		Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0286	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357).....	11,682.36	1,672.21
21 22 16 00-0287	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358).....	12,299.46	1,767.77
21 22 16 00-0288	EA	7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359).....	11,810.84	1,696.09
		Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
21 22 16 00-0289	EA	12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360).....	12,473.70	1,791.65
		Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
21 22 16 00-0290	EA	7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361).....	12,829.87	1,863.32
		Note: Includes 2 blank plates and scan display module at far right.		
21 22 16 00-0291	EA	12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363).....	13,386.39	1,958.88
		Note: Includes 2 blank plates and scanner display.		
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365).....	14,070.35	2,054.43
		Note: Includes centrally mounted programmer module.		
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367).....	14,671.08	2,149.98
		Note: Includes centrally mounted LCD programmer module and scanner display module.		
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369).....	13,788.63	1,958.88
		Note: Includes centrally mounted LCD programmer.		
<b>21 22 16 00-0295</b>	<b>Displays, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small></b>			
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381).....	2,215.80	262.77
		Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385).....	2,226.62	262.77
		Note: Includes a remote termination card and 7 relays.		
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383).....	2,006.68	238.89
		Note: Includes a remote termination card without relays.		
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387).....	2,019.25	238.89
		Note: Includes a remote termination card.		
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389).....	2,495.99	286.67
		Note: Includes a remote termination card and 12 relays.		
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	2,121.06	248.44
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	2,321.75	279.02
<b>21 22 16 00-0303</b>	<b>Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small></b>			
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370).....	5,571.27	788.33
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372).....	4,588.46	630.66
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380).....	1,622.23	238.89
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395).....	1,167.95	155.28
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399).....	1,627.28	209.26
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442).....	2,428.37	258.00
		Note: Interface connects PC and LaserPLUS system.		
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443).....	306.95	38.70
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444).....	2,052.65	238.89
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460).....	1,466.01	198.27
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463).....	1,151.39	152.88
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461).....	1,468.37	198.27
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464).....	1,466.01	198.27
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487).....	1,449.61	186.34
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466).....	172.65	16.72
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467).....	7,004.00	917.33
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470).....	12,204.49	1,605.32
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475).....	953.72	119.44
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477).....	21.71	2.39
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	12.26	0.47
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481).....	525.40	69.27
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	636.52	84.09
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486).....	918.86	121.84
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	135.39	18.15
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	21.15	3.82
<b>21 22 16 00-0328</b>	<b>Labels And Decals, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small></b>			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0329 EA Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	19.22	2.87
21 22 16 00-0330 EA Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	20.18	3.34
21 22 16 00-0331 EA Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	31.10	4.30
21 22 16 00-0332 EA Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	31.15	4.30
21 22 16 00-0333 EA Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	112.90	16.25
<b>21 22 16 00-0334 Mounting Hardware, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)</b>		
21 22 16 00-0335 EA Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456).....	278.79	34.40
21 22 16 00-0336 EA Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472).....	375.63	45.86
21 22 16 00-0337 EA Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471).....	384.31	50.17
21 22 16 00-0338 EA Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457).....	934.57	71.66
21 22 16 00-0339 EA Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445).....	1,375.72	157.67
<b>21 22 16 00-0340 Pipe And Fittings, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)</b>		
21 22 16 00-0341 LF 3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491).....	6.02	1.82
21 22 16 00-0342 EA 3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497).....	10.35	3.66
21 22 16 00-0343 EA 3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494).....	28.62	10.97
21 22 16 00-0344 EA 3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493).....	29.50	10.97
21 22 16 00-0345 EA 3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495).....	20.30	7.31
21 22 16 00-0346 EA 3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496).....	32.59	10.97
21 22 16 00-0347 EA 3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498).....	43.91	16.45
21 22 16 00-0348 EA 3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499).....	54.72	19.31
21 22 16 00-0349 LF 1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500).....	5.05	1.73
21 22 16 00-0350 EA Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479).....	20.17	5.26
21 22 16 00-0351 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503).....	24.60	3.82
21 22 16 00-0352 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504).....	35.28	5.26
<b>21 22 16 00-0353 Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)</b>		
21 22 16 00-0354 EA VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396).....	1,609.37	183.47
Note: Remote box includes 7 relays for VLP/VLC.		
21 22 16 00-0355 EA VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490).....	1,640.75	211.18
21 22 16 00-0356 EA 12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485).....	993.14	129.00
21 22 16 00-0357 EA RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489).....	1,134.78	145.72
21 22 16 00-0358 EA VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397).....	1,609.37	183.47
Note: Remote box includes 7 relays for VLS.		
21 22 16 00-0359 EA VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398).....	1,941.96	211.18
Note: Remote box includes 12 relays for VLS.		
21 22 16 00-0360 EA Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468).....	550.93	64.97
21 22 16 00-0361 EA Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469).....	828.67	99.37
21 22 16 00-0362 EA 7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474).....	1,560.93	205.45
21 22 16 00-0363 EA 12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476).....	2,289.91	301.00
<b>21 22 16 00-0364 Preferred® Low Pressure CO2 System (21 22 16 00-0001)</b>		
<b>21 22 16 00-0365 Manual Pull Stations, Preferred® Low Pressure CO2 System (21 22 16 00-0364)</b>		
21 22 16 00-0366 EA Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658).....	123.62	16.72
Note: Excludes FMM-101.		
21 22 16 00-0367 EA Weatherproof Back Box For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659).....	92.48	12.42
<b>21 22 16 00-0368 Industrial Fire Control System (21 22 16 00-0001)</b>		
<b>21 22 16 00-0369 Alarm Devices, Industrial Fire Control System (21 22 16 00-0368)</b>		
21 22 16 00-0370 EA Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947).....	2,992.66	440.75
21 22 16 00-0371 EA 6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751).....	91.50	10.13
21 22 16 00-0372 EA 24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697).....	90.40	13.14



<b>21</b>	<b>Fire Suppression</b>
<b>21 20</b>	<b>Fire-Extinguishing Systems</b>
<b>21 22</b>	<b>Clean-Agent Fire-Extinguishing Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0373 EA Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	53.85	7.89
21 22 16 00-0374 EA Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	22.01	3.20
<b>21 22 16 00-0375 Manual Pull Stations, Industrial Fire Control System (21 22 16 00-0368)</b>		
21 22 16 00-0376 EA SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	102.16	13.85
21 22 16 00-0377 EA DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	144.03	19.59
21 22 16 00-0378 EA Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,124.52	153.84
21 22 16 00-0379 EA Surface Mounted Back Box For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	32.70	4.44
21 22 16 00-0380 EA Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	14.65	1.98
<b>21 22 16 00-0381 Marine Fire Control System (21 22 16 00-0001)</b>		
<b>21 22 16 00-0382 Alarm Devices, Marine Fire Control System (21 22 16 00-0381)</b>		
21 22 16 00-0383 EA Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	59.25	8.03
21 22 16 00-0384 EA 6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	109.19	15.52
21 22 16 00-0385 EA 10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	109.19	15.52
<b>21 22 16 00-0386 FM200 System Equipment (21 22 16)</b>		
21 22 16 00-0387 EA 26 Lb. Cylinder, Filled, For FM200 Fire Protection system	3,691.32	115.24
21 22 16 00-0388 EA 44 Lb. Cylinder, Filled, For FM200 Fire Protection system	5,297.82	131.95
21 22 16 00-0389 EA 63 Lb. Cylinder, Filled, For FM200 Fire Protection system	6,288.93	155.58
21 22 16 00-0390 EA 101 Lb. Cylinder, Filled, For FM200 Fire Protection system	8,339.15	184.39
21 22 16 00-0391 EA 196 Lb. Cylinder, Filled, For FM200 Fire Protection system	13,045.82	230.49
21 22 16 00-0392 EA Electro/Mechanical Release, For FM200 Fire Protection system	775.60	230.49
21 22 16 00-0393 EA Manual Pull Station, For FM200 Fire Protection system	271.23	76.64
21 22 16 00-0394 EA Pneumatic Damper Release, For FM200 Fire Protection system	338.10	57.62
21 22 16 00-0395 LB FM200 Gas	28.54	
21 22 16 00-0396 EA Master Cylinder, For FM200 Fire Protection system	6,047.10	62.00
21 22 16 00-0397 EA Shuttle Check Valve, For FM200 Fire Protection system	854.02	86.66
21 22 16 00-0398 EA Flex Head Cylinder, For FM200 Fire Protection system	849.83	92.89
21 22 16 00-0399 EA Nozzles, For FM200 Fire Protection system	209.91	32.85
21 22 16 00-0400 EA Cylinder Support, For FM200 Fire Protection system	241.58	62.00
21 22 16 00-0401 EA Solenoid Valve, For FM200 Fire Protection system	1,106.16	92.89
21 22 16 00-0402 EA Battery Back-Up, For FM200 Fire Protection system	800.96	245.00
21 22 16 00-0403 EA Control Panel, Single Zone, For FM200 Fire Protection system	4,328.88	460.28
21 22 16 00-0404 EA Control Panel, Multi Zone, For FM200 Fire Protection system	6,982.12	921.61
21 22 16 00-0405 EA Smoke Or Heat Detector, For FM200 Fire Protection system	337.53	92.89
21 22 16 00-0406 EA Annunciator, For FM200 Fire Protection system	3,510.10	348.84
21 22 16 00-0407 EA Pressure Switch, For FM200 Fire Protection system	367.76	92.89
21 22 16 00-0408 EA Alarm Horn, For FM200 Fire Protection system	334.61	92.89
21 22 16 00-0409 EA Testing, For FM200 Fire Protection system	1,571.72	
21 22 16 00-0410 EA Abort Switch, For FM200 Fire Protection system	235.17	43.21
<b>21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)</b>		
<b>21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)</b>		
<b>21 23 16 00-0001 Kidde Fire Systems (21 23 16)</b>		
Note: Kidde or equal.		
<b>21 23 16 00-0002 Cylinders And Hardware (21 23 16 00-0001)</b>		
21 23 16 00-0003 EA 125 Cylinder And Valve Assembly With 1.25 Gallon Of Wet Agent	1,100.44	95.36
21 23 16 00-0004 EA 260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent	1,260.19	118.77
21 23 16 00-0005 EA 400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent	1,543.71	146.53
21 23 16 00-0006 EA 600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent	1,822.54	173.87
21 23 16 00-0007 EA Discharge Adapter Kit (One Required Per Cylinder)	61.85	4.98
21 23 16 00-0008 EA System Valve Actuator	221.26	19.82
21 23 16 00-0009 EA Vent Plug	41.38	4.03
21 23 16 00-0010 EA Gauge Shield	95.21	10.60
21 23 16 00-0011 EA 125 Cylinder Wall Mounting Bracket	113.86	10.60
21 23 16 00-0012 EA 260 Cylinder Wall Mounting Bracket	120.69	11.23
21 23 16 00-0013 EA 400S And M Cylinder Wall Mounting Bracket	229.50	21.19
21 23 16 00-0014 EA 600 And 400M Cylinder Shelf Bracket	224.10	24.05
21 23 16 00-0015 EA 600 And 400M Cylinder Floor Mounting Kit	282.97	24.11
21 23 16 00-0016 EA 125 And 260 Cylinder Replacement Bracket Strap	38.10	
21 23 16 00-0017 EA 400 And 600 Cylinder Replacement Bracket Strap	40.21	
<b>21 23 16 00-0018 Nozzles And Accessories (21 23 16 00-0001)</b>		
21 23 16 00-0019 EA ADP, F, GRW Or R Nozzle	102.02	9.75
21 23 16 00-0020 EA LPF Or DM Nozzle	111.28	9.75
21 23 16 00-0021 EA LPR Nozzle	130.37	9.75
21 23 16 00-0022 EA 3/8" Swivel Adapter For Nozzles	76.73	6.89
21 23 16 00-0023 EA Removal And Replacement Of Nozzle Seals	12.07	
21 23 16 00-0024 EA Chrome Nozzle Disc Cap	7.45	0.63



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0025 EA LPR Nozzle Disc Cap .....	36.31	9.69
<b>21 23 16 00-0026 Control Systems</b> <small>(21 23 16 00-0001)</small>		
21 23 16 00-0027 EA XV Control System ..... Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.	1,207.91	63.57
21 23 16 00-0028 EA 7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	101.56	10.60
21 23 16 00-0029 EA 24" High Pressure Hose .....	120.59	10.60
21 23 16 00-0030 EA 60" High Pressure Hose .....	162.89	10.60
21 23 16 00-0031 EA XV Solenoid Kit (Electric Actuator), 24 Volt DC .....	234.84	21.19
21 23 16 00-0032 EA XV Microswitch Kit, SPDT .....	77.02	9.96
21 23 16 00-0033 EA XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release .....	83.37	9.96
21 23 16 00-0034 EA EMT Connector Kit (EMT Connector And O-Ring) .....	32.82	7.95
21 23 16 00-0035 EA KRS-50 Control Box Assembly .....	678.54	41.05
Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.		
21 23 16 00-0036 EA SPDT Microswitch For KRS-50.....	106.98	9.96
21 23 16 00-0037 EA DPDT Microswitch For KRS-50 .....	193.89	17.27
21 23 16 00-0038 EA SPDT Pressure Switch (Fire Department Tie-In).....	594.31	55.42
<b>21 23 16 00-0039 Mechanical Actuation Components</b> <small>(21 23 16 00-0001)</small>		
21 23 16 00-0040 EA Universal Detector Link Housing Kit, Mechanical Actuation Systems..... Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.	63.28	15.90
21 23 16 00-0041 EA XV Low Profile Link Detector Housing Kit..... Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.	86.77	15.90
21 23 16 00-0042 EA XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	241.15	10.60
21 23 16 00-0043 EA XV Remote Manual Release, Pull-To-Trip.....	184.05	10.60
21 23 16 00-0044 EA Corner Pulley, Mechanical Actuation Systems .....	29.80	2.86
21 23 16 00-0045 EA Double Tee Pulley, Mechanical Actuation Systems.....	422.11	17.48
21 23 16 00-0046 EA In-Line Tee Pulley, Mechanical Actuation Systems.....	50.01	4.66
21 23 16 00-0047 EA Corner Pulley / Quik-Seal Adapter Combination.....	97.32	5.30
21 23 16 00-0048 LF 1/16" Cable, Mechanical Actuation Systems .....	2.69	1.06
21 23 16 00-0049 EA Cable Clamp .....	13.75	0.53
21 23 16 00-0050 EA Cable Crimp Sleeve, Mechanical Actuation Systems .....	1.85	0.42
21 23 16 00-0051 EA "S" Hook, Mechanical Actuation Systems.....	1.78	0.42
21 23 16 00-0052 EA 1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	106.74	9.85
<b>21 23 16 00-0053 Mechanical Detection Links</b> <small>(21 23 16 00-0001)</small>		
21 23 16 00-0054 EA KGS Standard Response Link.....	21.35	5.30
21 23 16 00-0055 EA KGS Rapid Response Link.....	32.09	5.30
21 23 16 00-0056 EA KFA Type "A" Fusible Link.....	27.27	5.30
21 23 16 00-0057 EA KML Type "ML" Fusible Link.....	25.40	5.30
21 23 16 00-0058 EA 500 Degree, KML Type "ML" Fusible Link .....	38.10	5.30
<b>21 23 16 00-0059 Gas Valves</b> <small>(21 23 16 00-0001)</small>		
21 23 16 00-0060 EA 3/4" NPT Mechanical Cable Operated Gas Shut-off Valve .....	492.25	22.89
21 23 16 00-0061 EA 1" NPT Mechanical Cable Operated Gas Shut-off Valve .....	534.39	28.19
21 23 16 00-0062 EA 1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve .....	612.27	35.60
21 23 16 00-0063 EA 1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	671.07	41.00
21 23 16 00-0064 EA 2" NPT Mechanical Cable Operated Gas Shut-off Valve .....	723.02	48.42
21 23 16 00-0065 EA 2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	1,203.09	70.78
21 23 16 00-0066 EA 3" NPT Mechanical Cable Operated Gas Shut-off Valve .....	1,342.16	81.90
21 23 16 00-0067 EA Pneumatic Release (Single Unit).....	559.24	25.85
21 23 16 00-0068 EA Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve .....	62.43	
21 23 16 00-0069 EA 1/2" Electric Solenoid Gas Shut-off Valve.....	514.99	21.30
21 23 16 00-0070 EA 3/4" Electric Solenoid Gas Shut-off Valve.....	518.19	22.89
21 23 16 00-0071 EA 1" Electric Solenoid Gas Shut-off Valve.....	803.03	28.19
21 23 16 00-0072 EA 1-1/4" Electric Solenoid Gas Shut-off Valve.....	847.56	35.60
21 23 16 00-0073 EA 1-1/2" Electric Solenoid Gas Shut-off Valve.....	973.06	41.00
21 23 16 00-0074 EA 2" Electric Solenoid Gas Shut-off Valve.....	1,252.89	48.42
21 23 16 00-0075 EA 2-1/2" Electric Solenoid Gas Shut-off Valve.....	2,075.71	70.78
21 23 16 00-0076 EA 3" Electric Solenoid Gas Shut-off Valve .....	2,611.26	81.90
21 23 16 00-0077 EA Manual Reset Relay .....	666.91	106.48
<b>21 23 16 00-0078 Liquid Tight Sealing Adapters</b> <small>(21 23 16 00-0001)</small>		
21 23 16 00-0079 EA 3/8" Tubing, Compression Seal Adapter.....	55.21	4.45
21 23 16 00-0080 EA 1/2" Tubing, 1/4" Pipe, Compression Seal Adapter .....	54.14	4.88
21 23 16 00-0081 EA 5/8" Tubing, 3/8" Pipe, Compression Seal Adapter .....	63.51	5.82
21 23 16 00-0082 EA 3/4" Tubing, 1/2" Pipe, Compression Seal Adapter .....	73.55	6.26
21 23 16 00-0083 EA 1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter .....	63.51	5.82
21 23 16 00-0084 EA 3/8" NPT Female, Quik-Seal Adapter .....	54.14	4.88
21 23 16 00-0085 EA 1/2" NPT Female, Quik-Seal Adapter .....	54.14	4.88
21 23 16 00-0086 EA 3/4" NPT Female, Quik-Seal Adapter .....	88.75	8.26
21 23 16 00-0087 EA 1" NPT Female, Quik-Seal Adapter .....	118.19	10.91
21 23 16 00-0088 EA Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	54.14	

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0089			<b>Pressure Operated Releasing Systems (21 23 16 00-0001)</b>		
21 23 16 00-0090	EA		KRS-100 Nitrogen Cylinder.....	395.59	32.00
21 23 16 00-0091	EA		KRS-100 Actuator Assembly.....	352.41	32.63
21 23 16 00-0092	EA		KRS-100 Mounting Bracket.....	286.50	8.05
21 23 16 00-0093	EA		KRS-700S Nitrogen Cylinder.....	1,012.68	92.29
21 23 16 00-0094	EA		KRS-700 Mounting Bracket.....	215.51	19.71
21 23 16 00-0095	EA		KRS-700S Discharge Adapter Kit.....	332.04	19.71
21 23 16 00-0096	EA		Check Valve, Pressure Operated Releasing Systems.....	331.78	13.98
21 23 16 00-0097	EA		Vent Check, Pressure Operated Releasing Systems.....	99.41	8.90
21 23 16 00-0098	EA		Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly.....	13.19	
21 23 16 00-0099	EA		3 Pole, Double Throw Pressure Switch.....	811.60	74.17
21 23 16 00-0100			<b>Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)</b>		
21 23 16 00-0101			<b>Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0102	EA		3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194).....	985.10	75.22
21 23 16 00-0103	EA		4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193).....	1,418.95	108.39
21 23 16 00-0104	EA		6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196).....	1,860.95	148.23
21 23 16 00-0105	EA		Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053).....	200.96	17.69
21 23 16 00-0106	EA		Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208).....	1,323.31	115.70
21 23 16 00-0107	EA		Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	807.97	70.56
21 23 16 00-0108			<b>Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0109	EA		165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522).....	26.09	2.33
21 23 16 00-0110	EA		212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	26.09	2.33
21 23 16 00-0111	EA		280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	26.74	2.33
21 23 16 00-0112	EA		360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	26.09	2.33
21 23 16 00-0113	EA		450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	26.09	2.33
21 23 16 00-0114	EA		500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	28.45	2.33
21 23 16 00-0115	EA		Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131).....	45.19	3.92
21 23 16 00-0116	EA		Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132).....	58.64	5.19
21 23 16 00-0117	EA		Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876).....	63.64	26.81
21 23 16 00-0118	EA		225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6).....	560.31	59.65
21 23 16 00-0119			<b>Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0120	EA		3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593).....	478.83	22.89
21 23 16 00-0121	EA		1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594).....	544.54	28.19
21 23 16 00-0122	EA		1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595).....	585.68	35.60
21 23 16 00-0123	EA		1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596).....	643.56	40.90
21 23 16 00-0124	EA		2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049).....	739.80	48.32
21 23 16 00-0125	EA		2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185).....	1,739.92	70.67
21 23 16 00-0126	EA		3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186).....	1,854.08	81.79
21 23 16 00-0127	EA		3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	373.80	22.89
21 23 16 00-0128	EA		1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359).....	641.68	28.19
21 23 16 00-0129	EA		1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360).....	667.05	35.60
21 23 16 00-0130	EA		1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361).....	759.05	40.90
21 23 16 00-0131	EA		2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362).....	1,054.82	48.32
21 23 16 00-0132	EA		2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363).....	2,049.66	70.67
21 23 16 00-0133	EA		3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643).....	2,158.61	81.79
21 23 16 00-0134			<b>Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0135	EA		Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	93.67	7.84
21 23 16 00-0136	EA		Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	133.52	9.96
21 23 16 00-0137	EA		Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	527.17	9.96
21 23 16 00-0138			<b>Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0139	EA		Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	34.52	3.07
21 23 16 00-0140	EA		PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104).....	1,130.95	99.49
21 23 16 00-0141	EA		PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690).....	1,440.98	127.25
21 23 16 00-0142			<b>Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0143	EA		24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303).....	739.28	65.16
21 23 16 00-0144	EA		120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302).....	892.04	78.51
21 23 16 00-0145			<b>Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0146	EA		Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	815.66	71.84
21 23 16 00-0147	EA		Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200).....	851.22	75.12
21 23 16 00-0148	EA		24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201).....	1,108.89	97.69



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0149 EA 120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202).....	1,271.99	112.31
21 23 16 00-0150 EA Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	103.31	9.11
<b>21 23 16 00-0151 Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0152 EA Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	26.14	1.48
21 23 16 00-0153 EA Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250).....	26.82	1.90
21 23 16 00-0154 EA Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	82.85	7.31
21 23 16 00-0155 EA Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	1.02	
<b>21 23 16 00-0156 Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0157 EA SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	90.11	7.95
21 23 16 00-0158 EA DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	180.49	15.79
21 23 16 00-0159 EA Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	381.98	33.48
<b>21 23 16 00-0160 Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0161 LF 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	1.81	0.32
21 23 16 00-0162 EA Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	1.01	0.32
21 23 16 00-0163 EA High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	4.49	0.42
21 23 16 00-0164 EA "S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.72	
<b>21 23 16 00-0165 Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0166 EA Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	85.58	7.63
21 23 16 00-0167 EA Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	89.35	7.95
21 23 16 00-0168 EA Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	10.47	0.96
21 23 16 00-0169 EA 225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	123.09	10.39
21 23 16 00-0170 EA Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	17.22	1.48
21 23 16 00-0171 EA Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	23.96	2.12
21 23 16 00-0172 EA Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	10.47	0.96
21 23 16 00-0173 EA Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	14.75	1.27
21 23 16 00-0174 EA Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	14.42	1.27
21 23 16 00-0175 EA Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	4.13	0.32
21 23 16 00-0176 EA Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	6.99	
21 23 16 00-0177 EA O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	133.46	
21 23 16 00-0178 EA 3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	913.84	
21 23 16 00-0179 EA 4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	1,184.07	
21 23 16 00-0180 EA 6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	1,366.38	
<b>21 23 16 00-0181 Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0182 EA 3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	41.94	3.61
21 23 16 00-0183 EA 1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	43.43	3.82
21 23 16 00-0184 EA Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	83.65	7.31
21 23 16 00-0185 EA Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	118.35	
21 23 16 00-0186 EA 3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	254.42	
<b>21 23 16 00-0187 Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)</b>		
21 23 16 00-0188 EA Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074).....	168.94	14.94
21 23 16 00-0189 EA Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166).....	178.51	20.97
21 23 16 00-0190 EA Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088).....	45.19	3.92
21 23 16 00-0191 EA Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661).....	5.71	1.38
<b>21 23 16 00-0192 Asco Gas Valve Control Panels (21 23 16)</b>		
21 23 16 00-0193 EA Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	2,558.39	233.10
21 23 16 00-0194 EA Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	2,645.25	233.10
21 23 16 00-0195 EA Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	865.74	52.98
21 23 16 00-0196 EA Emergency Stop Station For Relay Control Panel (Asco 173A19).....	809.00	52.98
<b>21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)</b>		
<b>21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)</b>		
<b>21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems (21 24 16)</b>		
Note: Amerex or equal.		
21 24 16 00-0002 EA 3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	677.55	82.22
21 24 16 00-0003 EA 6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	948.32	103.66
21 24 16 00-0004 EA Recharge - KP Liquid Agent (3.75 Gallon).....	225.23	
21 24 16 00-0005 EA Recharge - KP Liquid Agent (6 Gallon).....	395.92	
21 24 16 00-0006 EA 3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet.....	157.66	17.26
21 24 16 00-0007 EA 6 Gallon, Bracket Assembly Agent Cylinder.....	91.84	10.01
21 24 16 00-0008 EA 6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit.....	39.83	
21 24 16 00-0009 EA 6 Gallon, Pneumatic Actuator, Agent Cylinder.....	157.66	17.26

**21 Fire Suppression****21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0010	EA		MRM Actuator (Less N2 Cylinder And Enclosure).....	395.92	43.26
21 24 16 00-0011	EA		Painted Steel, MRM Enclosure.....	211.00	23.01
21 24 16 00-0012	EA		Stainless Steel, MRM Enclosure.....	259.17	23.01
21 24 16 00-0013	EA		Stainless Steel, Single Cylinder System Cabinet.....	628.28	68.69
21 24 16 00-0014	EA		N2 - 1/4" x 16" Actuation Hose.....	47.41	5.18
21 24 16 00-0015	EA		10 CU. Inch, Nitrogen Cylinder.....	211.00	23.01
			Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016	EA		Vent Check.....	37.93	4.14
21 24 16 00-0017	EA		Detector.....	28.44	3.11
			Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018	EA		280 To 450 Degree F, Fusible Link.....	10.68	1.15
21 24 16 00-0019	EA		Test Link.....	3.17	
21 24 16 00-0020	EA		Corner Pulley.....	14.70	1.61
21 24 16 00-0021	EA		1/16", 500 Foot Spool, Cable.....	237.07	25.89
21 24 16 00-0022	EA		Pulley Tee.....	106.68	11.62
21 24 16 00-0023	EA		Manual Pull Station (Standard).....	94.83	10.35
21 24 16 00-0024	EA		Manual Pull Station, Adapter Kit (Recess Standard Pull Station).....	44.48	4.83
21 24 16 00-0025	EA		Manual Pull Station (Oversized).....	105.73	11.51
21 24 16 00-0026	EA		Conduit Offset.....	21.10	2.31
21 24 16 00-0027	EA		3/8" Pipe Thread, Seal (Quick-Seal).....	29.07	3.22
21 24 16 00-0028	EA		1/2" Pipe Thread, Seal (Quick-Seal).....	23.71	2.65
21 24 16 00-0029	EA		3/8" Pipe Compression Seal.....	39.59	4.37
21 24 16 00-0030	EA		1/2" Pipe Compression Seal.....	39.59	4.37
21 24 16 00-0031	EA		Cap, Nozzle Blow-Off (Standard).....	10.59	2.99
21 24 16 00-0032	EA		Cap, Nozzle Blow-Off (High Temperature).....	26.34	2.99
21 24 16 00-0033	EA		2 Flow Points, Fryer/Griddle Nozzle.....	47.41	5.18
21 24 16 00-0034	EA		1 Flow Point Each, Appliance, Plenum Nozzle.....	47.41	5.18
21 24 16 00-0035	EA		Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each.....	47.41	5.18
21 24 16 00-0036	EA		1/2 Flow Points Each, Upright Charbroiler Nozzle.....	47.41	5.18
21 24 16 00-0037	EA		2 Flow Points Each, Duct (Only) Nozzle.....	47.41	5.18
21 24 16 00-0038	EA		2 Flow Points Each, Four Burner Range Nozzle.....	68.19	7.48
21 24 16 00-0039	EA		3/4" Or 1" Mechanical Gas Valve.....	381.50	30.49
21 24 16 00-0040	EA		1-1/4" Or 1-1/2" Mechanical Gas Valve.....	446.17	44.29
21 24 16 00-0041	EA		2" Mechanical Gas Valve.....	556.76	52.35
21 24 16 00-0042	EA		Manual Reset Relay (Required With Every Electric Gas Valve).....	597.43	65.24
21 24 16 00-0043	EA		SPDT Microswitch With 18" Leads.....	31.44	3.45
21 24 16 00-0044	EA		Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve.....	50.74	5.52
21 24 16 00-0045	EA		Gas Valve Trip Assembly.....	106.68	11.62

**21 24 16 00-0046 Range Guard Fire Suppression Systems (21 24 16)**

Note: Range Guard or equal.

21 24 16 00-0047	EA		1-1/4 Gallon Charged Cylinder With Valve.....	718.73	88.89
21 24 16 00-0048	EA		2-1/2 Gallon Charged Cylinder With Valve.....	897.17	110.94
21 24 16 00-0049	EA		4 Gallon Charged Cylinder With Valve.....	1,107.62	137.00
21 24 16 00-0050	EA		6 Gallon Charged Cylinder With Valve.....	1,315.60	162.64
21 24 16 00-0051	EA		Vent Plug.....	30.19	3.71
21 24 16 00-0052	EA		Discharge Adapter Kit.....	38.89	
21 24 16 00-0053	EA		1-1/4 Gallon Wall Bracket.....	80.00	9.85
21 24 16 00-0054	EA		2-1/2 Gallon Wall Bracket.....	84.66	10.49
21 24 16 00-0055	EA		4 Gallon Wall Bracket.....	159.89	19.82
21 24 16 00-0056	EA		6 Gallon Wall Bracket.....	177.21	21.93
21 24 16 00-0057	EA		Mechanical Control Head, No Microswitch.....	625.19	77.35
21 24 16 00-0058	EA		Mechanical Control Head, 1 Microswitch.....	652.27	80.63
21 24 16 00-0059	EA		Mechanical Control Head, 2 Microswitches.....	748.26	92.50
21 24 16 00-0060	EA		Tandem Control Head.....	568.58	70.35
21 24 16 00-0061	EA		Electric Control Head, 120 Volt AC / 24 Volt DC.....	962.40	118.99
21 24 16 00-0062	EA		Mechanical Control Box.....	428.28	52.98
21 24 16 00-0063	EA		Tandem Control Box.....	428.28	52.98
21 24 16 00-0064	EA		Mechanical Control Box Adapter.....	125.53	15.57
21 24 16 00-0065	EA		A+ Control head With 1 Pressure Operated Actuator.....	377.24	46.62
21 24 16 00-0066	EA		Pressure Operated Actuator.....	155.06	19.18
21 24 16 00-0067	EA		BMCS-1 Nitrogen Cylinder.....	251.07	31.05
21 24 16 00-0068	EA		BMCS-1 Actuator Assembly.....	255.98	31.68
21 24 16 00-0069	EA		BMCS-1 Mounting Bracket.....	62.76	7.74
21 24 16 00-0070	EA		BMCS-7 Nitrogen Cylinder.....	724.42	89.53
21 24 16 00-0071	EA		BMCS-7 Mounting Bracket.....	155.06	19.18
21 24 16 00-0072	EA		BMCS-7 Discharge Adapter Kit.....	155.06	19.18
21 24 16 00-0073	EA		Check Valve.....	127.89	22.78
21 24 16 00-0074	EA		Vent Check For Use With BMCS Systems.....	70.15	8.68
21 24 16 00-0075	EA		Check Valve, (Schradler Flare Fitting) For Pressure Operated Actuator.....	30.52	3.78
21 24 16 00-0076	EA		Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly.....	8.02	
21 24 16 00-0077	EA		Pneumatic Control Head For Slave Cylinders.....	159.99	19.82
21 24 16 00-0078	EA		Nozzles; ADP, F, R And GRW.....	73.34	9.11
21 24 16 00-0079	EA		Nozzles; DM And LPF.....	81.72	10.06
21 24 16 00-0080	EA		Swivel Adapter.....	51.69	6.36
21 24 16 00-0081	EA		Corner Pulley.....	22.15	2.75
21 24 16 00-0082	LF		1/16" Stainless Steel Cable.....	0.94	0.32
21 24 16 00-0083	EA		Cable Crimp Sleeve.....	1.14	0.32
21 24 16 00-0084	EA		"S" Hook.....	0.91	0.21
21 24 16 00-0085	EA		Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT.....	76.28	9.43





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0086 EA Cable Clamp.....	6.79	0.85
21 24 16 00-0087 EA Nico Sleeves - 1/16" Cable.....	0.92	0.21
21 24 16 00-0088 EA 3/8" Cable Anchor.....	80.61	9.96
21 24 16 00-0089 EA 1/2" Cable Anchor.....	80.61	9.96
21 24 16 00-0090 EA Mechanical Remote Manual Release (Pull Cable).....	130.39	16.11
21 24 16 00-0091 EA Tee Pulley, Use For Mechanical Pull And Gas Valve.....	139.15	17.17
21 24 16 00-0092 EA Surface Remote Manual Release, End-of-line.....	163.02	20.13
21 24 16 00-0093 EA Surface Remote Manual Release, In line Conservation Kit.....	51.07	6.36
21 24 16 00-0094 EA Surface Remote Manual Release, In line And End Of Line.....	214.04	26.38
21 24 16 00-0095 EA Recessed Remote Manual Release, End-of-line.....	163.02	20.13
21 24 16 00-0096 EA Recessed Remote Manual Release, In Line Kit.....	194.35	24.05
21 24 16 00-0097 EA Pulley Tee, Remote In Line Only.....	34.93	4.34
21 24 16 00-0098 EA Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve.....	38.78	4.77
21 24 16 00-0099 EA Fusible Link 165F To 360F.....	12.70	1.59
21 24 16 00-0100 EA Fusible Link 500F.....	20.39	1.59
21 24 16 00-0101 EA Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves.....	38.78	4.77
21 24 16 00-0102 EA Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve.....	28.13	4.77
21 24 16 00-0103 EA Quartzoid Link 400 F.....	209.12	25.85
21 24 16 00-0104 EA Quartzoid Link 500 F.....	209.12	25.85
21 24 16 00-0105 EA SPDT Micro Switch For Use With A Plus Control Box.....	74.94	9.22
21 24 16 00-0106 EA DPDT Micro Switch For Use With A Plus Control Box.....	130.39	16.11
21 24 16 00-0107 EA SPDT Micro Switch For Use With A Mechanical Control Box.....	77.50	9.54
21 24 16 00-0108 EA DPDT Micro Switch For Use With A Mechanical Control Box.....	134.31	16.63
21 24 16 00-0109 EA SPDT Micro Switch For Use With PRCB.....	98.41	12.18
21 24 16 00-0110 EA DPDT Micro Switch For Use With PRCB.....	141.96	17.48
21 24 16 00-0111 EA Pressure Switch, SPDT (Fire Dept. Tie In).....	415.79	51.39
21 24 16 00-0112 EA Circuit Monitor 12 Or 24 Volt DC.....	186.98	23.10
21 24 16 00-0113 EA Circuit Monitor 120 Volt AC.....	186.98	23.10
21 24 16 00-0114 EA Electric Manual Pull Station.....	136.54	16.84
21 24 16 00-0115 EA 6", 24 Volt DC, Motor Bell.....	76.26	9.43
21 24 16 00-0116 EA 10", 115 Volt AC Motor Bell.....	108.25	13.35
21 24 16 00-0117 EA Fuse, 1.2 For ECH.....	8.77	1.06
21 24 16 00-0118 EA Indicator Lamp 12 Or 24 Volt DC.....	38.78	4.77
21 24 16 00-0119 EA Indicator Lamp 120 Volt AC.....	38.78	4.77
21 24 16 00-0120 EA B-10 Manual Station Dual Action, SPDT.....	142.70	17.59
21 24 16 00-0121 EA B-11 Manual Station Dual Action, DPDT.....	157.45	19.49
21 24 16 00-0122 EA Break Rods For B10/B11 Manual Pull Station.....	3.89	1.38
21 24 16 00-0123 EA Spare Key For B10/B11 Manual Stations.....	19.68	2.44
21 24 16 00-0124 EA MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill.....	211.57	26.17
21 24 16 00-0125 EA Suppression Abort Station.....	223.89	27.65
21 24 16 00-0126 EA Suppression Abort Station With Surface Mount Back Box.....	260.78	32.21
21 24 16 00-0127 EA Surface Mount Back Box.....	86.11	10.60
21 24 16 00-0128 EA Single Hazard Control Unit, 120 Volt AC IP.....	1,599.14	197.39
21 24 16 00-0129 EA Single Hazard Control Unit, 240 Volt AC IP.....	1,599.14	197.39
21 24 16 00-0130 EA 1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.....	132.85	16.42
21 24 16 00-0131 EA Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W).....	5.07	0.75
21 24 16 00-0132 EA Spare Scorpio Circuit Board.....	1,156.23	
21 24 16 00-0133 EA Extra Scorpio Key.....	19.68	
21 24 16 00-0134 EA Extra Scorpio Manual.....	12.29	
21 24 16 00-0135 EA Compression Seal Adapter 3/8" Pipe.....	33.46	4.13
21 24 16 00-0136 EA Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe.....	36.32	4.45
21 24 16 00-0137 EA Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe.....	43.70	5.40
21 24 16 00-0138 EA Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe.....	46.74	5.72
21 24 16 00-0139 EA Quik Seal Adapter 3/8" NPT Female.....	36.32	4.45
21 24 16 00-0140 EA Quik Seal Adapter 1/2" NPT Female.....	36.32	4.45
21 24 16 00-0141 EA Quik Seal Adapter 3/4" NPT Female.....	62.14	7.74
21 24 16 00-0142 EA Quik Seal Adapter 1" NPT Female.....	82.42	10.17
21 24 16 00-0143 EA Quik Patch (Up To 1-1/8" Diameter).....	36.32	4.45
21 24 16 00-0144 EA 1-1/4 Gallon Karbaloy Charge.....	80.85	
21 24 16 00-0145 EA 2-1/2 Gallon Karbaloy Charge.....	138.99	
21 24 16 00-0146 EA 4 Gallon Karbaloy Charge.....	210.09	
21 24 16 00-0147 EA 6 Gallon Karbaloy Charge.....	307.41	
21 24 16 00-0148 EA Inlet Flushing Adapter.....	60.27	7.41
21 24 16 00-0149 EA 1/2" Flushing Adapter (Outlet).....	60.27	7.41
21 24 16 00-0150 EA 1/8" Flushing Adapter (Outlet).....	60.27	7.41
21 24 16 00-0151 EA 1/4" Flushing Adapter (Outlet).....	60.27	7.41
21 24 16 00-0152 EA 3/8" Flushing Adapter (Outlet).....	60.27	7.41
21 24 16 00-0153 EA Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	83.64	
21 24 16 00-0154 EA Instruction Label (In Case Of Fire) - MCB.....	6.63	
21 24 16 00-0155 EA Caution Sign (Turn On Fan).....	8.02	
21 24 16 00-0156 EA Inspection Label (Authorized installers only).....	5.52	
21 24 16 00-0157 EA Label, Warning, A+ Control Box.....	3.85	
21 24 16 00-0158 EA Wet Chemical System Kits, RG-1.25G Kit; #23315.....	1,057.83	130.64
21 24 16 00-0159 EA Wet Chemical System Kits, RG-2.5G Kit; #23316.....	1,234.98	152.46
21 24 16 00-0160 EA Wet Chemical System Kits, RG-4GS Kit; #23317.....	1,537.59	189.87
21 24 16 00-0161 EA Wet Chemical System Kits, RG-4GT Kit; #23318.....	1,537.59	189.87
21 24 16 00-0162 EA Wet Chemical System Kits, RG-6G Kit; #23319.....	1,933.66	238.71
21 24 16 00-0163 EA Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320.....	916.39	113.15
21 24 16 00-0164 EA Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321.....	861.03	106.27
21 24 16 00-0165 EA Wet Chemical System Kits, A Plus Control Box Kit; #23322.....	696.20	85.92



<b>21</b>	<b>21</b>	<b>Fire Suppression</b>
	<b>21 20</b>	<b>Fire-Extinguishing Systems</b>
	<b>21 24</b>	<b>Dry-Chemical Fire-Extinguishing Systems</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

21 24 16 00-0166 EA Wet Chemical System Kits, Valve Rebuild Kit; #23210.....	1,205.44	148.87
21 24 16 00-0167 EA Wet Chemical System Kits, BMCS-1 Package; #23208 .....	1,104.57	136.36

**21 30 Fire Pumps** <sup>(21)</sup>

**21 31 Centrifugal Fire Pumps** <sup>(21 30)</sup>

**21 31 13 Electric-Drive, Centrifugal Fire Pumps** <sup>(21 31)</sup>

**21 31 13 00-0001 Electric-Drive Fire Pumps** <sup>(21 31 13)</sup>  
 Note: Includes fire pump and motor, motor starter, panel, and controller.

21 31 13 00-0002 EA 20 HP, 500 GPM, Electric-Drive Fire Pump.....	35,091.40	2,111.05
For Duplex Pumping System, Add	32,980.35	
21 31 13 00-0003 EA 30 HP, 500 GPM, Electric-Drive Fire Pump.....	40,732.22	2,374.93
For Duplex Pumping System, Add	38,533.21	
21 31 13 00-0004 EA 40 HP, 750 GPM, Electric-Drive Fire Pump.....	55,104.69	2,638.81
For Duplex Pumping System, Add	52,661.35	
21 31 13 00-0005 EA 50 HP, 1,000 GPM, Electric-Drive Fire Pump.....	68,179.63	3,072.82
For Duplex Pumping System, Add	65,106.82	
21 31 13 00-0006 EA 75 HP, 1,000 GPM, Electric-Drive Fire Pump.....	76,049.49	3,352.17
For Duplex Pumping System, Add	72,697.32	

**21 31 16 Diesel-Drive, Centrifugal Fire Pumps** <sup>(21 31)</sup>

**21 31 16 00-0001 Diesel-Drive Fire Pumps** <sup>(21 31 16)</sup>  
 Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump and motor, motor starter, panel, and controller.

21 31 16 00-0002 EA 30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	78,900.91	2,514.13
21 31 16 00-0003 EA 40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	89,253.17	2,793.48
21 31 16 00-0004 EA 50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	93,782.75	3,072.82
21 31 16 00-0005 EA 75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	106,719.59	3,352.17
21 31 16 00-0006 EA 150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	113,283.44	3,910.87
21 31 16 00-0007 EA 175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	121,954.76	5,028.26
21 31 16 00-0008 EA 200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	132,380.50	5,586.95
21 31 16 00-0009 EA 250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	151,373.36	6,369.13
21 31 16 00-0010 EA 300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	181,294.34	6,871.95
21 31 16 00-0011 EA 350 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	212,702.98	7,821.74
21 31 16 00-0012 EA 400 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	252,440.35	8,380.43
21 31 16 00-0013 EA 500 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	284,255.50	8,939.13

**21 34 Fire Pump Accessories** <sup>(21 30)</sup>

**21 34 13 Pressure Maintenance Pumps** <sup>(21 34)</sup>

**21 34 13 00-0001 Jockey Pumps** <sup>(21 34 13)</sup>  
 Note: Excludes controller

21 34 13 00-0002 EA 1-1/2 HP, 1-1/2" Pipe Connection, Jockey Pump.....	2,668.08	297.23
21 34 13 00-0003 EA 2 HP, 1-1/2" Pipe Connection, Jockey Pump.....	2,787.08	325.03
21 34 13 00-0004 EA 3 HP, 1-1/2" Pipe Connection, Jockey Pump.....	3,422.61	359.24
21 34 13 00-0005 EA 5 HP, 1-1/2" Pipe Connection, Jockey Pump.....	3,764.19	427.67
21 34 13 00-0006 EA 7.5 HP, 1-1/2" Pipe Connection, Jockey Pump.....	5,522.60	526.04

**21 34 13 00-0007 Jockey Pump Controllers** <sup>(21 34 13)</sup>

21 34 13 00-0008 EA Up To 2 HP Jockey Pump Controller .....	708.84	85.53
21 34 13 00-0009 EA >2 To 7.5 HP Jockey Pump Controller.....	1,082.84	85.53

**END OF SECTION 21**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

## 22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

### 22 01 Operation and Maintenance of Plumbing <sup>(22)</sup>

#### 22 01 10 Operation and Maintenance of Plumbing Piping and Pumps <sup>(22 01)</sup>

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

##### 22 01 10 61 Plumbing Piping Repairs <sup>(22 01 10)</sup>

##### 22 01 10 61-0001 Pipe Repair Clamps <sup>(22 01 10 61)</sup>

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	45.48
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	47.23
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	51.91
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	55.32
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	59.82
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	76.18
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	96.37
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	111.55
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt Note: Includes neoprene gasket	127.74
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	72.20
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	75.98
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	84.09
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	92.43
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	101.81
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	131.40
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	158.53
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	179.91
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt Note: Includes neoprene gasket	203.80
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	102.96
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	106.93
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	118.15
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	129.57
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	146.28
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	178.51
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	208.31
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	250.68
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	309.36
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	316.99
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt Note: Includes Buna rubber gasket	339.88

#### 22 01 40 Operation and Maintenance of Plumbing Fixtures <sup>(22 01)</sup>

##### 22 01 40 81 Plumbing Fixtures Replacement <sup>(22 01 40)</sup>

##### 22 01 40 81-0001 Removal And Replacement Of Fixture And/or Trim <sup>(22 01 40 81)</sup>

Note: Includes removal of existing item(s) and installation of new item(s). See CSI section 22 42 00 00-0000 for faucet replacement installation and demolition prices.

22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	59.68
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	22.84

**22 Plumbing****22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

22 01 40 81-0004	EA		Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair .....	29.01	
22 01 40 81-0005	EA		Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line .....	40.52	
22 01 40 81-0006	EA		Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line .....	62.97	
22 01 40 81-0007	EA		Removal And Replacement Of Shower Head, Polished Chrome .....	40.93	
22 01 40 81-0008	EA		Removal And Replacement Of Shower Arm .....	42.88	
22 01 40 81-0009	EA		Removal And Replacement Of Shower Head .....	51.61	
22 01 40 81-0010	EA		Removal And Replacement Of Shower Knob .....	39.66	
22 01 40 81-0011	EA		Removal And Replacement Of Shower and Tub Control Trim .....	117.96	
			Note: Excludes balancing valve.		
22 01 40 81-0012	EA		Removal And Replacement Of Sink Basket Strainer .....	33.18	
22 01 40 81-0013	EA		Removal And Replacement Of 1-1/2" Sink Drain Without Stopper .....	17.46	
22 01 40 81-0014	EA		Removal And Replacement Of 4-1/2" Sink Drain Without Stopper .....	18.38	
22 01 40 81-0015	EA		Removal And Replacement Of 1-1/2" Sink Drain With Stopper .....	17.46	
22 01 40 81-0016	EA		Removal And Replacement Of 1" Sink Rubber Stopper .....	9.19	
22 01 40 81-0017	EA		Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8" .....	26.85	
22 01 40 81-0018	EA		Removal And Replacement Of Sink Trap, Adjustable, 1-1/2" .....	45.67	
22 01 40 81-0019	EA		Removal And Replacement Of Lavatory Pop-Up Rod .....	33.39	
22 01 40 81-0020	EA		Removal And Replacement Of Lavatory Pop-up Drain Stopper .....	32.46	
22 01 40 81-0021	EA		Removal And Replacement Of Faucet Handle .....	36.85	
22 01 40 81-0022	EA		Removal And Replacement Of Faucet O-Ring .....	27.16	
22 01 40 81-0023	EA		Removal And Replacement Of 1-1/2" Faucet Hole Cover .....	20.79	
22 01 40 81-0024	EA		Removal And Replacement Of Toilet Ballcock .....	38.22	
22 01 40 81-0025	EA		Removal And Replacement Of Toilet Bowl Ring, Flat Wax .....	7.30	
			Note: Excludes removal of toilet.		
22 01 40 81-0026	EA		Removal And Replacement Of Toilet Tank .....	151.94	
22 01 40 81-0027	EA		Removal And Replacement Of 10" Toilet Bowl .....	190.57	
22 01 40 81-0028	EA		Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl .....	204.98	
22 01 40 81-0029	EA		Removal And Replacement Of 12" Toilet Bowl .....	218.89	
22 01 40 81-0030	EA		Removal And Replacement Of 18", Elongated, Toilet Bowl .....	195.42	
22 01 40 81-0031	EA		Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers .....	23.60	
22 01 40 81-0032	EA		Removal And Replacement Of Toilet Flapper With Chain .....	17.56	
22 01 40 81-0033	EA		Removal And Replacement Of Toilet Flush Tank Lever .....	18.89	
22 01 40 81-0034	EA		Removal And Replacement Of Elongated Toilet Seat With Lid .....	100.24	
22 01 40 81-0035	EA		Removal And Replacement Of Elongated Toilet Seat Without Lid .....	109.89	
22 01 40 81-0036	EA		Removal And Replacement Of Handicap Toilet Seat, Complete With Rails .....	147.26	
22 01 40 81-0037	EA		Removal And Replacement Of Diverter Tub Spout .....	63.99	
22 01 40 81-0038	EA		Removal And Replacement Of Tub Spout .....	44.33	
22 01 40 81-0039	EA		Removal And Replacement Of 2" Tub Stopper .....	10.73	
22 01 40 81-0040	EA		Removal And Replacement Of Tub Waste/Overflow .....	74.04	
22 01 40 81-0041	EA		Removal And Replacement Of Tub Stem Bonnet Assembly .....	37.96	
22 01 40 81-0042	EA		Removal And Replacement Of Faucet Bonnet .....	41.89	
22 01 40 81-0043	EA		Removal And Replacement Of Faucet Diverter Stem .....	26.27	
22 01 40 81-0044	EA		Removal And Replacement Of Faucet Diverter Stem And Bonnet .....	34.88	
22 01 40 81-0045	EA		Removal And Replacement Of Faucet Spout .....	39.63	
22 01 40 81-0046	EA		Removal And Replacement Of Faucet Stem .....	29.12	
22 01 40 81-0047	EA		Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard .....	228.88	
22 01 40 81-0048	EA		Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve .....	289.12	
22 01 40 81-0049	EA		Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve .....	173.50	

**22 05 Common Work Results for Plumbing** <sup>(22)</sup>**22 05 13 Common Motor Requirements for Plumbing Equipment** <sup>(22 05)</sup>

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

**22 05 16 Expansion Fittings and Loops for Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

**22 05 17 Sleeves and Sleeve Seals for Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

**22 05 19 Meters and Gages for Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

**22 05 23 General-Duty Valves for Plumbing Piping** <sup>(22 05)</sup>

See CSI section 23 05 23 00-0000 for additional valves.

**22 05 23 00-0001 Gate Valves** <sup>(22 05 23)</sup>**22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves** <sup>(22 05 23 00-0001)</sup>

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve .....	93.65	11.51
		For 150 Lb. Rating, Add	6.02	
		For 200 Lb. Rating, Add	9.02	
		For Work In Restricted Working Space, Add	10.05	
22 05 23 00-0004	EA	3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve .....	95.41	11.51
		For 150 Lb. Rating, Add	6.02	
		For 200 Lb. Rating, Add	9.02	
		For Work In Restricted Working Space, Add	10.58	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0005 EA 1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	97.62 6.05 9.08 11.14	11.51
22 05 23 00-0006 EA 3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.04 6.50 9.75 15.01	12.66
22 05 23 00-0007 EA 1" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.21 7.97 11.95 18.17	14.38
22 05 23 00-0008 EA 1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	206.76 13.01 19.51 23.01	15.31
22 05 23 00-0009 EA 1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	229.85 14.13 21.20 26.55	17.72
22 05 23 00-0010 EA 2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	275.84 17.12 25.69 31.38	20.94
22 05 23 00-0011 EA 2-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Chain Operated Type, Add</i>	637.98 49.67 74.51 42.38 223.52	28.29
22 05 23 00-0012 EA 3" Diameter, 125 Lb. Brazed Or Soldered Bronze Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	749.12 58.61 87.92 48.90	32.84
<b>22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves</b> <small>(22 05 23 00-0001)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)		
22 05 23 00-0014 EA 1 1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.69 8.02 12.03 10.05	11.51
22 05 23 00-0015 EA 3/8" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	115.28 8.00 12.00 10.58	11.51
22 05 23 00-0016 EA 1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	134.66 9.75 14.63 11.14	11.51
22 05 23 00-0017 EA 3/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.08 10.21 15.31 15.01	12.66
22 05 23 00-0018 EA 1" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	182.47 12.19 18.29 18.17	14.38
22 05 23 00-0019 EA 1-1/4" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	264.56 18.79 28.18 23.01	15.31
22 05 23 00-0020 EA 1-1/2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	302.55 21.40 32.11 26.55	17.72
22 05 23 00-0021 EA 2" Diameter, 125 Lb. Brazed Or Soldered Bronze Lead Free Gate Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	388.17 28.36 42.54 31.38	20.94

**22 05 29 Hangers and Supports for Plumbing Piping and Equipment** (22 05)

See CSI section 23 05 29 00-0000 for hangers and supports.

**22 05 33 Heat Tracing for Plumbing Piping** (22 05)

See CSI section 23 83 13 00-0000 for heat tracing cables.

**22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment** (22 05)

**22 05 48 13 Vibration Controls for Plumbing Piping and Equipment** (22 05 48)

See CSI section 23 05 48 13-0000 for vibration and seismic control.

**22 05 53 Identification for Plumbing Piping and Equipment** (22 05)

**22 Plumbing****22 05 Common Work Results for Plumbing****22 05 53 Identification for Plumbing Piping and Equipment**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

See CSI section 23 05 53 00-0000 for identification.

**22 05 76 Facility Drainage Piping Cleanouts** (22 05)

22 05 76 00-0001	Cast Iron Cleanout With Plug And Cover (22 05 76)		
	Note: For floor installation.		
22 05 76 00-0002	Cast Iron Cleanout With Plug And Round Or Square Cover (22 05 76 00-0001)		
22 05 76 00-0003	EA 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	701.56	61.21
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0004	EA 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	756.63	76.75
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0005	EA 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	945.19	92.74
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0006	EA 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	1,360.65	103.78
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0007	EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	1,676.96	112.41
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0008	Cast Iron Heavy-Duty Cleanout With Plug And Round Cover (22 05 76 00-0001)		
22 05 76 00-0009	EA 2" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover .....	809.83	61.21
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0010	EA 3" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover .....	866.62	76.75
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0011	EA 4" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover .....	1,055.18	92.74
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0012	EA 5" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover .....	1,470.64	103.78
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0013	EA 6" Heavy-Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover .....	1,786.95	112.41
	For Vandal Proof, Add	19.50	
	For Galvanized Ferrule, Add	45.00	
	For Carpet Marker, Add	16.00	
	For Carpet Flange, Add	58.50	
	For Wide Flange, Add	97.00	
	For Satin Bronze Top, Deduct	-24.00	
22 05 76 00-0014	Wall Cover For Cleanout (22 05 76)		
	Note: Cover and screw only.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 05 76 00-0015 Round Access Cover, Bronze Polished Top</b> <small>(22 05 76 00-0014)</small>		
<i>Note: Cover and screw only.</i>		
22 05 76 00-0016 EA 4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	103.66	19.21
<i>For Stainless Steel, Add</i>	9.00	
<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0017 EA 5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	111.34	23.01
<i>For Stainless Steel, Add</i>	9.00	
<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0018 EA 7" Diameter Wall Cover For Cleanout, Screwed.....	142.86	25.89
<i>For Stainless Steel, Add</i>	9.00	
<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0019 EA 9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	244.86	28.77
<i>For Stainless Steel, Add</i>	9.00	
<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0020 EA 11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	370.92	31.64
<i>For Stainless Steel, Add</i>	9.00	
<i>For Vandal Proof Screws, Add</i>	19.50	
<b>22 05 76 00-0021 Square Wall Access Panel, Bronze Polished Top</b> <small>(22 05 76 00-0014)</small>		
<i>Note: Cover and screw only.</i>		
22 05 76 00-0022 EA 7" x 7" Bronze Wall Or Floor Access Cover.....	562.26	19.21
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0023 EA 9" x 9" Bronze Wall Or Floor Access Cover.....	811.58	20.14
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0024 EA 10" x 10" Bronze Wall Or Floor Access Cover.....	867.24	21.29
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0025 EA 14" x 14" Bronze Wall Or Floor Access Cover.....	970.01	24.17
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
<b>22 05 76 00-0026 Secured Square Wall Access Panel, Bronze Polished Top</b> <small>(22 05 76 00-0014)</small>		
<i>Note: Cover and screw only.</i>		
22 05 76 00-0027 EA 6" x 6" Bronze Secured Wall Access Panel.....	572.28	19.21
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0028 EA 8" x 8" Bronze Secured Wall Access Panel.....	826.33	20.14
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0029 EA 10" x 10" Bronze Secured Wall Access Panel.....	883.02	21.29
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0030 EA 12" x 12" Bronze Secured Wall Access Panel.....	987.64	24.17
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
<b>22 05 76 00-0031 Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated</b> <small>(22 05 76 00-0014)</small>		
<i>Note: Cover and screw only.</i>		
22 05 76 00-0032 EA 6" x 6" Bronze Secured Hinged Access Panel, Scoriated.....	554.98	19.21
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0033 EA 8" x 8" Bronze Secured Hinged Access Panel, Scoriated.....	769.48	20.14
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0034 EA 10" x 10" Bronze Secured Hinged Access Panel, Scoriated.....	1,093.13	21.29
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0035 EA 12" x 12" Bronze Secured Hinged Access Panel, Scoriated.....	1,323.82	24.17
<i>For Vandal Proof Screws, Add</i>	19.50	
<i>For Nickel Bronze, Add</i>	22.50	
<b>22 05 76 00-0036 Cast Iron Cleanout Tee</b> <small>(22 05 76)</small>		
<b>22 05 76 00-0037 Cast Iron Cleanout Tee And Round Access Cover</b> <small>(22 05 76 00-0036)</small>		
<i>Note: Satin smooth secured cover.</i>		
22 05 76 00-0038 EA 2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover.....	506.92	61.21
<i>For Vandal Proof Screws, Add</i>	18.00	
<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0039 EA 3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover.....	577.94	76.63
<i>For Vandal Proof Screws, Add</i>	18.00	
<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0040 EA 4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover.....	755.98	92.74
<i>For Vandal Proof Screws, Add</i>	18.00	
<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0041 EA 6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover.....	1,826.60	112.41
<i>For Vandal Proof Screws, Add</i>	18.00	
<i>For Galvanized Cast Iron Parts, Add</i>	45.00	



**22 Plumbing****22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0042			<b>Cast Iron Cleanout Tee And Square Access Cover</b> (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0043	EA		2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover.....	891.44	61.21
			<i>For Vandal Proof Screws, Add</i>	18.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0044	EA		3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover.....	962.47	76.63
			<i>For Vandal Proof Screws, Add</i>	18.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0045	EA		4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover.....	1,114.99	92.74
			<i>For Vandal Proof Screws, Add</i>	18.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0046	EA		6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover.....	2,345.98	112.41
			<i>For Vandal Proof Screws, Add</i>	18.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	45.00	
22 05 76 00-0047			<b>Cast Iron Cleanout Tee With Brass Plug</b> (22 05 76 00-0036)		
22 05 76 00-0048	EA		2" Cleanout Tee With Cast Bronze Screw Plug .....	415.48	50.05
22 05 76 00-0049	EA		3" Cleanout Tee With Cast Bronze Screw Plug .....	464.78	54.66
22 05 76 00-0050	EA		4" Cleanout Tee With Cast Bronze Screw Plug .....	619.62	71.92
22 05 76 00-0051	EA		5" Cleanout Tee With Cast Bronze Screw Plug .....	935.93	85.15
22 05 76 00-0052	EA		6" Cleanout Tee With Cast Bronze Screw Plug .....	1,605.04	100.67
22 05 76 00-0053			<b>Removable Cleanout Plug</b> (22 05 76)		
22 05 76 00-0054			<b>Threaded Bronze Plugs</b> (22 05 76 00-0053)		
22 05 76 00-0055	EA		1-1/4", 1-1/2" Or 2" Threaded Bronze Plug.....	80.34	14.38
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0056	EA		2-1/2" Threaded Bronze Plug.....	96.68	15.65
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0057	EA		3" Threaded Bronze Plug.....	167.94	17.26
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0058	EA		3-1/2" Threaded Bronze Plug.....	187.74	20.14
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0059	EA		4" Threaded Bronze Plug.....	212.22	23.01
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0060	EA		5" Threaded Bronze Plug.....	299.86	25.89
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0061	EA		6" Threaded Bronze Plug.....	443.65	28.77
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0062	EA		8" Threaded Bronze Plug.....	753.46	31.64
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0063	EA		10" Threaded Bronze Plug.....	1,086.74	34.52
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0064			<b>Threaded Brass Plugs</b> (22 05 76 00-0053)		
22 05 76 00-0065	EA		1-1/2" Threaded Brass Plug, Raised Head .....	32.23	14.38
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0066	EA		2" Threaded Brass Plug, Raised Head .....	32.84	14.38
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0067	EA		2-1/2" Threaded Brass Plug, Raised Head .....	35.82	15.65
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0068	EA		3" Threaded Brass Plug, Raised Head .....	40.59	17.26
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0069	EA		3-1/2" Threaded Brass Plug, Raised Head .....	47.97	20.14
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0070	EA		4" Threaded Brass Plug, Raised Head .....	56.46	23.01
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0071	EA		4-1/2" Threaded Brass Plug, Raised Head .....	60.68	24.24
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0072	EA		5" Threaded Brass Plug, Raised Head .....	65.28	25.89
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0073	EA		6" Threaded Brass Plug, Raised Head .....	85.66	28.76
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0074	EA		1-1/2" Threaded Brass Plug, Countersunk Head .....	31.76	14.38
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0075	EA		2" Threaded Brass Plug, Countersunk Head .....	32.43	14.38
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0076	EA		2-1/2" Threaded Brass Plug, Countersunk Head .....	37.13	15.65
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0077	EA		3" Threaded Brass Plug, Countersunk Head .....	40.78	17.26
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0078	EA		3-1/2" Threaded Brass Plug, Countersunk Head .....	47.41	20.14
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0079	EA		4" Threaded Brass Plug, Countersunk Head .....	55.57	23.01
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0080	EA		5" Threaded Brass Plug, Countersunk Head .....	64.80	25.89
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

22 05 76 00-0081 EA 6" Threaded Brass Plug, Countersunk Head <i>For Plug Tapped For Center Screw, Add</i>	77.81	28.77
	9.50	

## 22 07 Plumbing Insulation <sup>(22)</sup>

### 22 07 16 Plumbing Equipment Insulation <sup>(22 07)</sup>

22 07 16 00-0001 Lavatory Insulation <sup>(22 07 16)</sup>		
22 07 16 00-0002 EA Neoprene Insulation Kit For Under Lavatories	362.25	25.63

### 22 07 19 Plumbing Piping Insulation <sup>(22 07)</sup>

22 07 19 00-0001 Insulation Protective Jacketing <sup>(22 07 19)</sup>		
<i>Note: Jacketing only and to be added to insulation prices when required.</i>		
22 07 19 00-0002 Aluminum Insulation Protective Jacketing With Bands <sup>(22 07 19 00-0001)</sup>		
22 07 19 00-0003 Aluminum Roll, Insulation Protective Jacketing With Bands <sup>(22 07 19 00-0002)</sup>		
22 07 19 00-0004 SF 0.006" Aluminum Insulation Jacket With Bands	17.31	7.29
22 07 19 00-0005 SF 0.010" Aluminum Insulation Jacket With Bands	17.66	7.29
22 07 19 00-0006 SF 0.016" Aluminum Insulation Jacket With Bands	17.99	7.29
22 07 19 00-0007 SF 0.020" Aluminum Insulation Jacket With Bands	18.30	7.29
22 07 19 00-0008 SF 0.024" Aluminum Insulation Jacket With Bands	18.58	7.29

### 22 07 19 00-0009 16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <sup>(22 07 19 00-0002)</sup>

22 07 19 00-0010 LF 1/2" ID, 0.016" Aluminum Insulation Jacketing	9.02	2.07
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0011 LF 3/4" ID, 0.016" Aluminum Insulation Jacketing	9.43	2.11
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0012 LF 1" ID, 0.016" Aluminum Insulation Jacketing	9.85	2.17
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0013 LF 1-1/4" ID, 0.016" Aluminum Insulation Jacketing	10.27	2.23
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0014 LF 1-1/2" ID, 0.016" Aluminum Insulation Jacketing	10.62	2.26
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0015 LF 1-3/4" ID, 0.016" Aluminum Insulation Jacketing	10.97	2.29
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0016 LF 2" ID, 0.016" Aluminum Insulation Jacketing	11.38	2.34
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0017 LF 2-1/4" ID, 0.016" Aluminum Insulation Jacketing	11.79	2.39
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0018 LF 2-1/2" ID, 0.016" Aluminum Insulation Jacketing	12.25	2.44
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0019 LF 2-3/4" ID, 0.016" Aluminum Insulation Jacketing	12.62	2.48
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0020 LF 3" ID, 0.016" Aluminum Insulation Jacketing	13.08	2.53
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0021 LF 3-1/4" ID, 0.016" Aluminum Insulation Jacketing	13.53	2.59
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0022 LF 3-1/2" ID, 0.016" Aluminum Insulation Jacketing	13.98	2.65
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0023 LF 3-3/4" ID, 0.016" Aluminum Insulation Jacketing	14.40	2.70
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0024 LF 4" ID, 0.016" Aluminum Insulation Jacketing	14.88	2.76
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0025 LF 4-1/4" ID, 0.016" Aluminum Insulation Jacketing	15.36	2.83
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0026 LF 4-1/2" ID, 0.016" Aluminum Insulation Jacketing	15.90	2.90
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0027 LF 4-3/4" ID, 0.016" Aluminum Insulation Jacketing	16.33	2.96
<i>For Stucco Embossed, Add</i>	0.05	
<i>For Corrugated, Add</i>	0.11	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0028 LF 5" ID, 0.016" Aluminum Insulation Jacketing .....	16.86	3.04
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.12	
22 07 19 00-0029 LF 5-1/4" ID, 0.016" Aluminum Insulation Jacketing .....	17.42	3.12
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.12	
22 07 19 00-0030 LF 5-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	17.91	3.18
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.13	
22 07 19 00-0031 LF 5-3/4" ID, 0.016" Aluminum Insulation Jacketing .....	18.51	3.27
For Stucco Embossed, Add	0.05	
For Corrugated, Add	0.14	
22 07 19 00-0032 LF 6" ID, 0.016" Aluminum Insulation Jacketing .....	19.11	3.37
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.14	
22 07 19 00-0033 LF 6-1/4" ID, 0.016" Aluminum Insulation Jacketing .....	19.54	3.42
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.15	
22 07 19 00-0034 LF 6-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	19.96	3.47
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.15	
22 07 19 00-0035 LF 7" ID, 0.016" Aluminum Insulation Jacketing .....	20.70	3.55
For Stucco Embossed, Add	0.06	
For Corrugated, Add	0.16	
22 07 19 00-0036 LF 7-1/4" ID, 0.016" Aluminum Insulation Jacketing .....	21.26	3.65
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.17	
22 07 19 00-0037 LF 7-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	21.70	3.71
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.17	
22 07 19 00-0038 LF 8" ID, 0.016" Aluminum Insulation Jacketing .....	22.40	3.77
For Stucco Embossed, Add	0.07	
For Corrugated, Add	0.18	
22 07 19 00-0039 LF 8-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	23.08	3.83
For Stucco Embossed, Add	0.08	
For Corrugated, Add	0.19	
22 07 19 00-0040 LF 9" ID, 0.016" Aluminum Insulation Jacketing .....	23.91	3.93
For Stucco Embossed, Add	0.08	
For Corrugated, Add	0.21	
22 07 19 00-0041 LF 9-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	24.64	4.00
For Stucco Embossed, Add	0.09	
For Corrugated, Add	0.22	
22 07 19 00-0042 LF 10" ID, 0.016" Aluminum Insulation Jacketing .....	25.36	4.07
For Stucco Embossed, Add	0.09	
For Corrugated, Add	0.23	
22 07 19 00-0043 LF 10-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	26.10	4.14
For Stucco Embossed, Add	0.10	
For Corrugated, Add	0.24	
22 07 19 00-0044 LF 11" ID, 0.016" Aluminum Insulation Jacketing .....	26.99	4.26
For Stucco Embossed, Add	0.10	
For Corrugated, Add	0.25	
22 07 19 00-0045 LF 11-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	27.77	4.34
For Stucco Embossed, Add	0.10	
For Corrugated, Add	0.26	
22 07 19 00-0046 LF 12" ID, 0.016" Aluminum Insulation Jacketing .....	28.54	4.42
For Stucco Embossed, Add	0.11	
For Corrugated, Add	0.27	
22 07 19 00-0047 LF 12-1/2" ID, 0.016" Aluminum Insulation Jacketing .....	29.52	4.55
For Stucco Embossed, Add	0.11	
For Corrugated, Add	0.28	
22 07 19 00-0048 LF 13" ID, 0.016" Aluminum Insulation Jacketing .....	30.13	4.60
For Stucco Embossed, Add	0.12	
For Corrugated, Add	0.29	
22 07 19 00-0049 LF 14" ID, 0.016" Aluminum Insulation Jacketing .....	31.22	4.65
For Stucco Embossed, Add	0.13	
For Corrugated, Add	0.32	
22 07 19 00-0050 LF 15" ID, 0.016" Aluminum Insulation Jacketing .....	32.47	4.74
For Stucco Embossed, Add	0.13	
For Corrugated, Add	0.34	
22 07 19 00-0051 LF 16" ID, 0.016" Aluminum Insulation Jacketing .....	33.56	4.79
For Stucco Embossed, Add	0.14	
For Corrugated, Add	0.36	
22 07 19 00-0052 LF 17" ID, 0.016" Aluminum Insulation Jacketing .....	34.85	4.89
For Stucco Embossed, Add	0.15	
For Corrugated, Add	0.38	
22 07 19 00-0053 LF 18" ID, 0.016" Aluminum Insulation Jacketing .....	35.66	4.95
For Stucco Embossed, Add	0.16	
For Corrugated, Add	0.40	
22 07 19 00-0054 LF 19" ID, 0.016" Aluminum Insulation Jacketing .....	37.26	5.07
For Stucco Embossed, Add	0.17	
For Corrugated, Add	0.43	
22 07 19 00-0055 LF 20" ID, 0.016" Aluminum Insulation Jacketing .....	38.38	5.12
For Stucco Embossed, Add	0.18	
For Corrugated, Add	0.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0056 LF 21" ID, 0.016" Aluminum Insulation Jacketing .....	39.73	5.24
<i>For Stucco Embossed, Add</i>	0.19	
<i>For Corrugated, Add</i>	0.47	
22 07 19 00-0057 LF 22" ID, 0.016" Aluminum Insulation Jacketing .....	40.84	5.30
<i>For Stucco Embossed, Add</i>	0.20	
<i>For Corrugated, Add</i>	0.49	
22 07 19 00-0058 LF 23" ID, 0.016" Aluminum Insulation Jacketing .....	42.23	5.43
<i>For Stucco Embossed, Add</i>	0.21	
<i>For Corrugated, Add</i>	0.51	
22 07 19 00-0059 LF 24" ID, 0.016" Aluminum Insulation Jacketing .....	43.36	5.49
<i>For Stucco Embossed, Add</i>	0.21	
<i>For Corrugated, Add</i>	0.54	
<b>22 07 19 00-0060 20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0002)</b>		
22 07 19 00-0061 LF 1/2" ID, 0.020" Aluminum Insulation Jacketing .....	10.04	2.28
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0062 LF 3/4" ID, 0.020" Aluminum Insulation Jacketing .....	10.53	2.33
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0063 LF 1" ID, 0.020" Aluminum Insulation Jacketing .....	11.03	2.39
<i>For Stucco Embossed, Add</i>	0.01	
<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0064 LF 1-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	11.54	2.45
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0065 LF 1-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	11.95	2.48
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0066 LF 1-3/4" ID, 0.020" Aluminum Insulation Jacketing .....	12.38	2.52
<i>For Stucco Embossed, Add</i>	0.02	
<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0067 LF 2" ID, 0.020" Aluminum Insulation Jacketing .....	12.86	2.57
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0068 LF 2-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	13.35	2.63
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0069 LF 2-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	13.88	2.68
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0070 LF 2-3/4" ID, 0.020" Aluminum Insulation Jacketing .....	14.35	2.72
<i>For Stucco Embossed, Add</i>	0.03	
<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0071 LF 3" ID, 0.020" Aluminum Insulation Jacketing .....	14.90	2.78
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0072 LF 3-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	15.42	2.85
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0073 LF 3-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	15.96	2.91
<i>For Stucco Embossed, Add</i>	0.04	
<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0074 LF 3-3/4" ID, 0.020" Aluminum Insulation Jacketing .....	16.44	2.96
<i>For Stucco Embossed, Add</i>	0.05	
<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0075 LF 4" ID, 0.020" Aluminum Insulation Jacketing .....	17.00	3.04
<i>For Stucco Embossed, Add</i>	0.05	
<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0076 LF 4-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	17.59	3.11
<i>For Stucco Embossed, Add</i>	0.05	
<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0077 LF 4-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	18.22	3.19
<i>For Stucco Embossed, Add</i>	0.05	
<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0078 LF 4-3/4" ID, 0.020" Aluminum Insulation Jacketing .....	18.74	3.25
<i>For Stucco Embossed, Add</i>	0.06	
<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0079 LF 5" ID, 0.020" Aluminum Insulation Jacketing .....	19.36	3.34
<i>For Stucco Embossed, Add</i>	0.06	
<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0080 LF 5-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	20.00	3.43
<i>For Stucco Embossed, Add</i>	0.06	
<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0081 LF 5-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	20.57	3.50
<i>For Stucco Embossed, Add</i>	0.07	
<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0082 LF 5-3/4" ID, 0.020" Aluminum Insulation Jacketing .....	21.28	3.61
<i>For Stucco Embossed, Add</i>	0.07	
<i>For Corrugated, Add</i>	0.17	
22 07 19 00-0083 LF 6" ID, 0.020" Aluminum Insulation Jacketing .....	21.98	3.72
<i>For Stucco Embossed, Add</i>	0.07	
<i>For Corrugated, Add</i>	0.18	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0084	LF		6-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	22.48	3.77
			<i>For Stucco Embossed, Add</i> .....	0.07	
			<i>For Corrugated, Add</i> .....	0.19	
22 07 19 00-0085	LF		6-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	23.00	3.83
			<i>For Stucco Embossed, Add</i> .....	0.08	
			<i>For Corrugated, Add</i> .....	0.19	
22 07 19 00-0086	LF		7" ID, 0.020" Aluminum Insulation Jacketing .....	23.86	3.92
			<i>For Stucco Embossed, Add</i> .....	0.08	
			<i>For Corrugated, Add</i> .....	0.21	
22 07 19 00-0087	LF		7-1/4" ID, 0.020" Aluminum Insulation Jacketing .....	24.51	4.01
			<i>For Stucco Embossed, Add</i> .....	0.08	
			<i>For Corrugated, Add</i> .....	0.21	
22 07 19 00-0088	LF		7-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	25.04	4.08
			<i>For Stucco Embossed, Add</i> .....	0.09	
			<i>For Corrugated, Add</i> .....	0.22	
22 07 19 00-0089	LF		8" ID, 0.020" Aluminum Insulation Jacketing .....	25.89	4.15
			<i>For Stucco Embossed, Add</i> .....	0.09	
			<i>For Corrugated, Add</i> .....	0.23	
22 07 19 00-0090	LF		8-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	26.71	4.21
			<i>For Stucco Embossed, Add</i> .....	0.10	
			<i>For Corrugated, Add</i> .....	0.25	
22 07 19 00-0091	LF		9" ID, 0.020" Aluminum Insulation Jacketing .....	27.69	4.32
			<i>For Stucco Embossed, Add</i> .....	0.10	
			<i>For Corrugated, Add</i> .....	0.26	
22 07 19 00-0092	LF		9-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	28.57	4.40
			<i>For Stucco Embossed, Add</i> .....	0.11	
			<i>For Corrugated, Add</i> .....	0.27	
22 07 19 00-0093	LF		10" ID, 0.020" Aluminum Insulation Jacketing .....	29.44	4.47
			<i>For Stucco Embossed, Add</i> .....	0.12	
			<i>For Corrugated, Add</i> .....	0.29	
22 07 19 00-0094	LF		10-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	30.33	4.55
			<i>For Stucco Embossed, Add</i> .....	0.12	
			<i>For Corrugated, Add</i> .....	0.30	
22 07 19 00-0095	LF		11" ID, 0.0106 Aluminum Insulation Jacketing .....	31.38	4.68
			<i>For Stucco Embossed, Add</i> .....	0.13	
			<i>For Corrugated, Add</i> .....	0.32	
22 07 19 00-0096	LF		11-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	32.32	4.77
			<i>For Stucco Embossed, Add</i> .....	0.13	
			<i>For Corrugated, Add</i> .....	0.33	
22 07 19 00-0097	LF		12" ID, 0.020" Aluminum Insulation Jacketing .....	33.26	4.86
			<i>For Stucco Embossed, Add</i> .....	0.14	
			<i>For Corrugated, Add</i> .....	0.34	
22 07 19 00-0098	LF		12-1/2" ID, 0.020" Aluminum Insulation Jacketing .....	34.39	5.01
			<i>For Stucco Embossed, Add</i> .....	0.14	
			<i>For Corrugated, Add</i> .....	0.36	
22 07 19 00-0099	LF		13" ID, 0.020" Aluminum Insulation Jacketing .....	35.14	5.07
			<i>For Stucco Embossed, Add</i> .....	0.15	
			<i>For Corrugated, Add</i> .....	0.37	
22 07 19 00-0100	LF		14" ID, 0.020" Aluminum Insulation Jacketing .....	36.48	5.12
			<i>For Stucco Embossed, Add</i> .....	0.16	
			<i>For Corrugated, Add</i> .....	0.40	
22 07 19 00-0101	LF		15" ID, 0.020" Aluminum Insulation Jacketing .....	38.02	5.22
			<i>For Stucco Embossed, Add</i> .....	0.17	
			<i>For Corrugated, Add</i> .....	0.43	
22 07 19 00-0102	LF		16" ID, 0.020" Aluminum Insulation Jacketing .....	39.37	5.28
			<i>For Stucco Embossed, Add</i> .....	0.18	
			<i>For Corrugated, Add</i> .....	0.46	
22 07 19 00-0103	LF		17" ID, 0.020" Aluminum Insulation Jacketing .....	40.92	5.39
			<i>For Stucco Embossed, Add</i> .....	0.19	
			<i>For Corrugated, Add</i> .....	0.48	
22 07 19 00-0104	LF		18" ID, 0.020" Aluminum Insulation Jacketing .....	41.92	5.45
			<i>For Stucco Embossed, Add</i> .....	0.20	
			<i>For Corrugated, Add</i> .....	0.50	
22 07 19 00-0105	LF		19" ID, 0.020" Aluminum Insulation Jacketing .....	43.88	5.57
			<i>For Stucco Embossed, Add</i> .....	0.22	
			<i>For Corrugated, Add</i> .....	0.54	
22 07 19 00-0106	LF		20" ID, 0.020" Aluminum Insulation Jacketing .....	45.28	5.63
			<i>For Stucco Embossed, Add</i> .....	0.23	
			<i>For Corrugated, Add</i> .....	0.57	
22 07 19 00-0107	LF		21" ID, 0.020" Aluminum Insulation Jacketing .....	46.89	5.76
			<i>For Stucco Embossed, Add</i> .....	0.24	
			<i>For Corrugated, Add</i> .....	0.60	
22 07 19 00-0108	LF		22" ID, 0.020" Aluminum Insulation Jacketing .....	48.26	5.83
			<i>For Stucco Embossed, Add</i> .....	0.25	
			<i>For Corrugated, Add</i> .....	0.62	
22 07 19 00-0109	LF		23" ID, 0.020" Aluminum Insulation Jacketing .....	49.96	5.96
			<i>For Stucco Embossed, Add</i> .....	0.26	
			<i>For Corrugated, Add</i> .....	0.65	
22 07 19 00-0110	LF		24" ID, 0.020" Aluminum Insulation Jacketing .....	51.34	6.04
			<i>For Stucco Embossed, Add</i> .....	0.27	
			<i>For Corrugated, Add</i> .....	0.68	

22 07 19 00-0111 24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0002)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0112 LF 1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.05 0.01 0.03	2.49
22 07 19 00-0113 LF 3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.61 0.01 0.04	2.55
22 07 19 00-0114 LF 1" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.18 0.02 0.04	2.61
22 07 19 00-0115 LF 1-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.76 0.02 0.05	2.67
22 07 19 00-0116 LF 1-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.26 0.02 0.06	2.71
22 07 19 00-0117 LF 1-3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.75 0.03 0.07	2.75
22 07 19 00-0118 LF 2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.31 0.03 0.08	2.80
22 07 19 00-0119 LF 2-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.87 0.03 0.09	2.86
22 07 19 00-0120 LF 2-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.48 0.04 0.09	2.92
22 07 19 00-0121 LF 2-3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.00 0.04 0.10	2.97
22 07 19 00-0122 LF 3" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.64 0.05 0.11	3.04
22 07 19 00-0123 LF 3-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.26 0.05 0.12	3.10
22 07 19 00-0124 LF 3-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.87 0.05 0.13	3.18
22 07 19 00-0125 LF 3-3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.43 0.05 0.14	3.23
22 07 19 00-0126 LF 4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.07 0.06 0.15	3.31
22 07 19 00-0127 LF 4-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.73 0.06 0.15	3.39
22 07 19 00-0128 LF 4-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.45 0.07 0.16	3.48
22 07 19 00-0129 LF 4-3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.05 0.07 0.17	3.55
22 07 19 00-0130 LF 5" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.76 0.07 0.18	3.65
22 07 19 00-0131 LF 5-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.48 0.08 0.19	3.75
22 07 19 00-0132 LF 5-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.14 0.08 0.20	3.83
22 07 19 00-0133 LF 5-3/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.94 0.08 0.21	3.94
22 07 19 00-0134 LF 6" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.74 0.09 0.21	4.05
22 07 19 00-0135 LF 6-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.31 0.09 0.22	4.11
22 07 19 00-0136 LF 6-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.90 0.09 0.23	4.17
22 07 19 00-0137 LF 7" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.91 0.10 0.25	4.27
22 07 19 00-0138 LF 7-1/4" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.64 0.10 0.25	4.37
22 07 19 00-0139 LF 7-1/2" ID, 0.024" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.25 0.10 0.26	4.44



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0140 LF 8" ID, 0.024" Aluminum Insulation Jacketing .....	29.23	4.52
For Stucco Embossed, Add	0.11	
For Corrugated, Add	0.28	
22 07 19 00-0141 LF 8-1/2" ID, 0.024" Aluminum Insulation Jacketing .....	30.18	4.59
For Stucco Embossed, Add	0.12	
For Corrugated, Add	0.30	
22 07 19 00-0142 LF 9" ID, 0.024" Aluminum Insulation Jacketing .....	31.31	4.71
For Stucco Embossed, Add	0.12	
For Corrugated, Add	0.31	
22 07 19 00-0143 LF 9-1/2" ID, 0.024" Aluminum Insulation Jacketing .....	32.34	4.79
For Stucco Embossed, Add	0.13	
For Corrugated, Add	0.33	
22 07 19 00-0144 LF 10" ID, 0.024" Aluminum Insulation Jacketing .....	33.35	4.88
For Stucco Embossed, Add	0.14	
For Corrugated, Add	0.35	
22 07 19 00-0145 LF 10-1/2" ID, 0.024" Aluminum Insulation Jacketing .....	34.36	4.97
For Stucco Embossed, Add	0.14	
For Corrugated, Add	0.36	
22 07 19 00-0146 LF 11" ID, 0.0106 Aluminum Insulation Jacketing .....	35.57	5.11
For Stucco Embossed, Add	0.15	
For Corrugated, Add	0.38	
22 07 19 00-0147 LF 11-1/2" ID, 0.024" Aluminum Insulation Jacketing .....	36.66	5.21
For Stucco Embossed, Add	0.16	
For Corrugated, Add	0.40	
22 07 19 00-0148 LF 12" ID, 0.024" Aluminum Insulation Jacketing .....	37.73	5.31
For Stucco Embossed, Add	0.17	
For Corrugated, Add	0.41	
22 07 19 00-0149 LF 12-1/2" ID, 0.024" Aluminum Insulation Jacketing .....	39.03	5.47
For Stucco Embossed, Add	0.17	
For Corrugated, Add	0.43	
22 07 19 00-0150 LF 13" ID, 0.024" Aluminum Insulation Jacketing .....	39.91	5.52
For Stucco Embossed, Add	0.18	
For Corrugated, Add	0.45	
22 07 19 00-0151 LF 14" ID, 0.024" Aluminum Insulation Jacketing .....	41.50	5.58
For Stucco Embossed, Add	0.19	
For Corrugated, Add	0.48	
22 07 19 00-0152 LF 15" ID, 0.024" Aluminum Insulation Jacketing .....	43.28	5.70
For Stucco Embossed, Add	0.21	
For Corrugated, Add	0.51	
22 07 19 00-0153 LF 16" ID, 0.024" Aluminum Insulation Jacketing .....	44.88	5.75
For Stucco Embossed, Add	0.22	
For Corrugated, Add	0.55	
22 07 19 00-0154 LF 17" ID, 0.024" Aluminum Insulation Jacketing .....	46.69	5.88
For Stucco Embossed, Add	0.23	
For Corrugated, Add	0.58	
22 07 19 00-0155 LF 18" ID, 0.024" Aluminum Insulation Jacketing .....	47.86	5.94
For Stucco Embossed, Add	0.24	
For Corrugated, Add	0.60	
22 07 19 00-0156 LF 19" ID, 0.024" Aluminum Insulation Jacketing .....	50.16	6.07
For Stucco Embossed, Add	0.26	
For Corrugated, Add	0.65	
22 07 19 00-0157 LF 20" ID, 0.024" Aluminum Insulation Jacketing .....	51.79	6.14
For Stucco Embossed, Add	0.27	
For Corrugated, Add	0.68	
22 07 19 00-0158 LF 21" ID, 0.024" Aluminum Insulation Jacketing .....	53.67	6.28
For Stucco Embossed, Add	0.29	
For Corrugated, Add	0.71	
22 07 19 00-0159 LF 22" ID, 0.024" Aluminum Insulation Jacketing .....	55.29	6.35
For Stucco Embossed, Add	0.30	
For Corrugated, Add	0.75	
22 07 19 00-0160 LF 23" ID, 0.024" Aluminum Insulation Jacketing .....	57.25	6.51
For Stucco Embossed, Add	0.31	
For Corrugated, Add	0.78	
22 07 19 00-0161 LF 24" ID, 0.024" Aluminum Insulation Jacketing .....	58.88	6.59
For Stucco Embossed, Add	0.33	
For Corrugated, Add	0.81	
<b>22 07 19 00-0162 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands (22 07 19 00-0002)</b>		
22 07 19 00-0163 LF 1/2" ID, 0.032" Aluminum Insulation Jacketing .....	12.51	2.76
For Stucco Embossed, Add	0.01	
For Corrugated, Add	0.04	
22 07 19 00-0164 LF 3/4" ID, 0.032" Aluminum Insulation Jacketing .....	13.21	2.82
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.05	
22 07 19 00-0165 LF 1" ID, 0.032" Aluminum Insulation Jacketing .....	13.92	2.89
For Stucco Embossed, Add	0.02	
For Corrugated, Add	0.06	
22 07 19 00-0166 LF 1-1/4" ID, 0.032" Aluminum Insulation Jacketing .....	14.64	2.96
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.07	
22 07 19 00-0167 LF 1-1/2" ID, 0.032" Aluminum Insulation Jacketing .....	15.27	3.00
For Stucco Embossed, Add	0.03	
For Corrugated, Add	0.08	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0168 LF 1-3/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.88 0.04 0.09	3.04
22 07 19 00-0169 LF 2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.58 0.04 0.10	3.11
22 07 19 00-0170 LF 2-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.28 0.05 0.11	3.17
22 07 19 00-0171 LF 2-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.05 0.05 0.13	3.24
22 07 19 00-0172 LF 2-3/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.71 0.06 0.14	3.29
22 07 19 00-0173 LF 3" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.49 0.06 0.15	3.36
22 07 19 00-0174 LF 3-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.26 0.06 0.16	3.44
22 07 19 00-0175 LF 3-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.01 0.07 0.17	3.52
22 07 19 00-0176 LF 3-3/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.70 0.07 0.18	3.58
22 07 19 00-0177 LF 4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.50 0.08 0.20	3.68
22 07 19 00-0178 LF 4-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.30 0.08 0.21	3.77
22 07 19 00-0179 LF 4-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.19 0.09 0.22	3.86
22 07 19 00-0180 LF 4-3/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.93 0.09 0.23	3.94
22 07 19 00-0181 LF 5" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.79 0.10 0.24	4.04
22 07 19 00-0182 LF 5-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.69 0.10 0.25	4.15
22 07 19 00-0183 LF 5-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.47 0.11 0.26	4.24
22 07 19 00-0184 LF 5-3/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.46 0.11 0.28	4.36
22 07 19 00-0185 LF 6" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.41 0.11 0.29	4.49
22 07 19 00-0186 LF 6-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.13 0.12 0.30	4.55
22 07 19 00-0187 LF 6-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.85 0.12 0.31	4.62
22 07 19 00-0188 LF 7" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.11 0.13 0.33	4.73
22 07 19 00-0189 LF 7-1/4" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.00 0.14 0.34	4.84
22 07 19 00-0190 LF 7-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.77 0.14 0.35	4.92
22 07 19 00-0191 LF 8" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.00 0.15 0.37	5.01
22 07 19 00-0192 LF 8-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.19 0.16 0.40	5.10
22 07 19 00-0193 LF 9" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.62 0.17 0.42	5.23
22 07 19 00-0194 LF 9-1/2" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.92 0.18 0.44	5.32
22 07 19 00-0195 LF 10" ID, 0.032" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	40.19 0.19 0.46	5.41

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0196	LF		10-1/2" ID, 0.032" Aluminum Insulation Jacketing .....	41.46	5.51
			<i>For Stucco Embossed, Add</i> .....	0.19	
			<i>For Corrugated, Add</i> .....	0.49	
22 07 19 00-0197	LF		11" ID, 0.0106 Aluminum Insulation Jacketing .....	42.97	5.66
			<i>For Stucco Embossed, Add</i> .....	0.20	
			<i>For Corrugated, Add</i> .....	0.51	
22 07 19 00-0198	LF		11-1/2" ID, 0.032" Aluminum Insulation Jacketing .....	44.34	5.77
			<i>For Stucco Embossed, Add</i> .....	0.21	
			<i>For Corrugated, Add</i> .....	0.53	
22 07 19 00-0199	LF		12" ID, 0.032" Aluminum Insulation Jacketing .....	45.67	5.88
			<i>For Stucco Embossed, Add</i> .....	0.22	
			<i>For Corrugated, Add</i> .....	0.55	
22 07 19 00-0200	LF		12-1/2" ID, 0.032" Aluminum Insulation Jacketing .....	47.27	6.06
			<i>For Stucco Embossed, Add</i> .....	0.23	
			<i>For Corrugated, Add</i> .....	0.58	
22 07 19 00-0201	LF		13" ID, 0.032" Aluminum Insulation Jacketing .....	48.40	6.12
			<i>For Stucco Embossed, Add</i> .....	0.24	
			<i>For Corrugated, Add</i> .....	0.60	
22 07 19 00-0202	LF		14" ID, 0.032" Aluminum Insulation Jacketing .....	50.47	6.18
			<i>For Stucco Embossed, Add</i> .....	0.26	
			<i>For Corrugated, Add</i> .....	0.64	
22 07 19 00-0203	LF		15" ID, 0.032" Aluminum Insulation Jacketing .....	52.76	6.31
			<i>For Stucco Embossed, Add</i> .....	0.28	
			<i>For Corrugated, Add</i> .....	0.69	
22 07 19 00-0204	LF		16" ID, 0.032" Aluminum Insulation Jacketing .....	54.85	6.37
			<i>For Stucco Embossed, Add</i> .....	0.29	
			<i>For Corrugated, Add</i> .....	0.73	
22 07 19 00-0205	LF		17" ID, 0.032" Aluminum Insulation Jacketing .....	57.17	6.52
			<i>For Stucco Embossed, Add</i> .....	0.31	
			<i>For Corrugated, Add</i> .....	0.78	
22 07 19 00-0206	LF		18" ID, 0.032" Aluminum Insulation Jacketing .....	58.67	6.59
			<i>For Stucco Embossed, Add</i> .....	0.32	
			<i>For Corrugated, Add</i> .....	0.81	
22 07 19 00-0207	LF		19" ID, 0.032" Aluminum Insulation Jacketing .....	61.64	6.74
			<i>For Stucco Embossed, Add</i> .....	0.35	
			<i>For Corrugated, Add</i> .....	0.87	
22 07 19 00-0208	LF		20" ID, 0.032" Aluminum Insulation Jacketing .....	63.77	6.81
			<i>For Stucco Embossed, Add</i> .....	0.37	
			<i>For Corrugated, Add</i> .....	0.91	
22 07 19 00-0209	LF		21" ID, 0.032" Aluminum Insulation Jacketing .....	66.16	6.97
			<i>For Stucco Embossed, Add</i> .....	0.38	
			<i>For Corrugated, Add</i> .....	0.96	
22 07 19 00-0210	LF		22" ID, 0.032" Aluminum Insulation Jacketing .....	68.27	7.05
			<i>For Stucco Embossed, Add</i> .....	0.40	
			<i>For Corrugated, Add</i> .....	1.00	
22 07 19 00-0211	LF		23" ID, 0.032" Aluminum Insulation Jacketing .....	70.76	7.21
			<i>For Stucco Embossed, Add</i> .....	0.42	
			<i>For Corrugated, Add</i> .....	1.05	
22 07 19 00-0212	LF		24" ID, 0.032" Aluminum Insulation Jacketing .....	72.88	7.30
			<i>For Stucco Embossed, Add</i> .....	0.44	
			<i>For Corrugated, Add</i> .....	1.09	
22 07 19 00-0213			<b>40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands</b> <small>(22 07 19 00-0002)</small>		
22 07 19 00-0214	LF		1/2" ID, 0.040" Aluminum Insulation Jacketing .....	14.56	3.17
			<i>For Stucco Embossed, Add</i> .....	0.02	
			<i>For Corrugated, Add</i> .....	0.05	
22 07 19 00-0215	LF		3/4" ID, 0.040" Aluminum Insulation Jacketing .....	15.40	3.24
			<i>For Stucco Embossed, Add</i> .....	0.02	
			<i>For Corrugated, Add</i> .....	0.06	
22 07 19 00-0216	LF		1" ID, 0.040" Aluminum Insulation Jacketing .....	16.26	3.32
			<i>For Stucco Embossed, Add</i> .....	0.03	
			<i>For Corrugated, Add</i> .....	0.07	
22 07 19 00-0217	LF		1-1/4" ID, 0.040" Aluminum Insulation Jacketing .....	17.14	3.40
			<i>For Stucco Embossed, Add</i> .....	0.04	
			<i>For Corrugated, Add</i> .....	0.09	
22 07 19 00-0218	LF		1-1/2" ID, 0.040" Aluminum Insulation Jacketing .....	17.91	3.45
			<i>For Stucco Embossed, Add</i> .....	0.04	
			<i>For Corrugated, Add</i> .....	0.10	
22 07 19 00-0219	LF		1-3/4" ID, 0.040" Aluminum Insulation Jacketing .....	18.66	3.50
			<i>For Stucco Embossed, Add</i> .....	0.05	
			<i>For Corrugated, Add</i> .....	0.12	
22 07 19 00-0220	LF		2" ID, 0.040" Aluminum Insulation Jacketing .....	19.51	3.57
			<i>For Stucco Embossed, Add</i> .....	0.05	
			<i>For Corrugated, Add</i> .....	0.13	
22 07 19 00-0221	LF		2-1/4" ID, 0.040" Aluminum Insulation Jacketing .....	20.37	3.65
			<i>For Stucco Embossed, Add</i> .....	0.06	
			<i>For Corrugated, Add</i> .....	0.14	
22 07 19 00-0222	LF		2-1/2" ID, 0.040" Aluminum Insulation Jacketing .....	21.30	3.73
			<i>For Stucco Embossed, Add</i> .....	0.06	
			<i>For Corrugated, Add</i> .....	0.16	
22 07 19 00-0223	LF		2-3/4" ID, 0.040" Aluminum Insulation Jacketing .....	22.11	3.79
			<i>For Stucco Embossed, Add</i> .....	0.07	
			<i>For Corrugated, Add</i> .....	0.17	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0224 LF 3" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.06 0.08 0.19	3.88
22 07 19 00-0225 LF 3-1/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.97 0.08 0.20	3.96
22 07 19 00-0226 LF 3-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.89 0.09 0.22	4.05
22 07 19 00-0227 LF 3-3/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.73 0.09 0.23	4.13
22 07 19 00-0228 LF 4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.70 0.10 0.25	4.23
22 07 19 00-0229 LF 4-1/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.67 0.10 0.26	4.33
22 07 19 00-0230 LF 4-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.74 0.11 0.27	4.44
22 07 19 00-0231 LF 4-3/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.64 0.12 0.29	4.52
22 07 19 00-0232 LF 5" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.68 0.12 0.30	4.64
22 07 19 00-0233 LF 5-1/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.73 0.13 0.32	4.77
22 07 19 00-0234 LF 5-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.70 0.13 0.33	4.87
22 07 19 00-0235 LF 5-3/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.88 0.14 0.35	5.01
22 07 19 00-0236 LF 6" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.03 0.14 0.36	5.17
22 07 19 00-0237 LF 6-1/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.91 0.15 0.37	5.24
22 07 19 00-0238 LF 6-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.78 0.15 0.39	5.32
22 07 19 00-0239 LF 7" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.31 0.17 0.41	5.45
22 07 19 00-0240 LF 7-1/4" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.40 0.17 0.43	5.58
22 07 19 00-0241 LF 7-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	40.32 0.18 0.44	5.67
22 07 19 00-0242 LF 8" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	41.82 0.19 0.47	5.76
22 07 19 00-0243 LF 8-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	43.30 0.20 0.50	5.86
22 07 19 00-0244 LF 9" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	45.02 0.21 0.52	6.01
22 07 19 00-0245 LF 9-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	46.62 0.22 0.55	6.11
22 07 19 00-0246 LF 10" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	48.16 0.23 0.58	6.22
22 07 19 00-0247 LF 10-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	49.73 0.24 0.61	6.33
22 07 19 00-0248 LF 11" ID, 0.0106 Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	51.56 0.26 0.64	6.52
22 07 19 00-0249 LF 11-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	53.23 0.27 0.67	6.64
22 07 19 00-0250 LF 12" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	54.86 0.28 0.69	6.77
22 07 19 00-0251 LF 12-1/2" ID, 0.040" Aluminum Insulation Jacketing ..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	56.78 0.29 0.72	6.97

**22 Plumbing**  
**22 07 Plumbing Insulation**  
**22 07 19 Plumbing Piping Insulation**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0252	LF		13" ID, 0.040" Aluminum Insulation Jacketing .....	58.18	7.04
			<i>For Stucco Embossed, Add</i> .....	0.30	
			<i>For Corrugated, Add</i> .....	0.75	
22 07 19 00-0253	LF		14" ID, 0.040" Aluminum Insulation Jacketing .....	60.75	7.11
			<i>For Stucco Embossed, Add</i> .....	0.32	
			<i>For Corrugated, Add</i> .....	0.81	
22 07 19 00-0254	LF		15" ID, 0.040" Aluminum Insulation Jacketing .....	63.57	7.26
			<i>For Stucco Embossed, Add</i> .....	0.35	
			<i>For Corrugated, Add</i> .....	0.86	
22 07 19 00-0255	LF		16" ID, 0.040" Aluminum Insulation Jacketing .....	66.16	7.34
			<i>For Stucco Embossed, Add</i> .....	0.37	
			<i>For Corrugated, Add</i> .....	0.92	
22 07 19 00-0256	LF		17" ID, 0.040" Aluminum Insulation Jacketing .....	69.02	7.49
			<i>For Stucco Embossed, Add</i> .....	0.39	
			<i>For Corrugated, Add</i> .....	0.98	
22 07 19 00-0257	LF		18" ID, 0.040" Aluminum Insulation Jacketing .....	70.87	7.57
			<i>For Stucco Embossed, Add</i> .....	0.41	
			<i>For Corrugated, Add</i> .....	1.01	
22 07 19 00-0258	LF		19" ID, 0.040" Aluminum Insulation Jacketing .....	74.54	7.74
			<i>For Stucco Embossed, Add</i> .....	0.44	
			<i>For Corrugated, Add</i> .....	1.09	
22 07 19 00-0259	LF		20" ID, 0.040" Aluminum Insulation Jacketing .....	77.18	7.83
			<i>For Stucco Embossed, Add</i> .....	0.46	
			<i>For Corrugated, Add</i> .....	1.15	
22 07 19 00-0260	LF		21" ID, 0.040" Aluminum Insulation Jacketing .....	80.11	8.02
			<i>For Stucco Embossed, Add</i> .....	0.48	
			<i>For Corrugated, Add</i> .....	1.20	
22 07 19 00-0261	LF		22" ID, 0.040" Aluminum Insulation Jacketing .....	82.73	8.11
			<i>For Stucco Embossed, Add</i> .....	0.50	
			<i>For Corrugated, Add</i> .....	1.26	
22 07 19 00-0262	LF		23" ID, 0.040" Aluminum Insulation Jacketing .....	85.78	8.30
			<i>For Stucco Embossed, Add</i> .....	0.53	
			<i>For Corrugated, Add</i> .....	1.31	
22 07 19 00-0263	LF		24" ID, 0.040" Aluminum Insulation Jacketing .....	88.40	8.40
			<i>For Stucco Embossed, Add</i> .....	0.55	
			<i>For Corrugated, Add</i> .....	1.37	

**22 07 19 00-0264 Aluminum Insulation Protective Jacketing For Fittings** (22 07 19 00-0002)

22 07 19 00-0265	EA		1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	24.04	3.25
22 07 19 00-0266	EA		1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	24.51	3.37
22 07 19 00-0267	EA		2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	27.89	3.50
22 07 19 00-0268	EA		2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	28.11	3.55
22 07 19 00-0269	EA		2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	28.33	3.62
22 07 19 00-0270	EA		2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	28.68	3.71
22 07 19 00-0271	EA		3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	30.22	3.80
22 07 19 00-0272	EA		3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	30.61	3.90
22 07 19 00-0273	EA		3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	33.62	3.96
22 07 19 00-0274	EA		3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	34.36	4.03
22 07 19 00-0275	EA		4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	35.65	4.14
22 07 19 00-0276	EA		4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	36.50	4.22
22 07 19 00-0277	EA		4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	36.81	4.30
22 07 19 00-0278	EA		4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	37.14	4.38
22 07 19 00-0279	EA		5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	39.98	4.47
22 07 19 00-0280	EA		5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	43.74	4.55
22 07 19 00-0281	EA		5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	50.57	4.69
22 07 19 00-0282	EA		5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	50.96	4.79
22 07 19 00-0283	EA		6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	46.92	4.95
22 07 19 00-0284	EA		6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	47.36	5.07
22 07 19 00-0285	EA		6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	53.60	5.24
22 07 19 00-0286	EA		7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	61.06	5.36
22 07 19 00-0287	EA		7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	61.31	5.43
22 07 19 00-0288	EA		7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	80.21	5.49
22 07 19 00-0289	EA		8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	65.67	5.56
22 07 19 00-0290	EA		8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	103.05	5.70
22 07 19 00-0291	EA		9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	103.63	5.84
22 07 19 00-0292	EA		9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	82.71	5.92
22 07 19 00-0293	EA		10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	83.03	5.99
22 07 19 00-0294	EA		10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	84.63	6.07
22 07 19 00-0295	EA		11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	84.95	6.15
22 07 19 00-0296	EA		11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	93.89	6.32
22 07 19 00-0297	EA		12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	94.25	6.41
22 07 19 00-0298	EA		12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	148.47	6.61
22 07 19 00-0299	EA		13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	148.86	6.70
22 07 19 00-0300	EA		14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	191.30	6.90
22 07 19 00-0301	EA		15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	199.61	7.12
22 07 19 00-0302	EA		16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	215.60	7.23
22 07 19 00-0303	EA		2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	25.91	3.62
22 07 19 00-0304	EA		2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	26.26	3.71
22 07 19 00-0305	EA		3" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	28.13	3.80
22 07 19 00-0306	EA		3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	28.52	3.90
22 07 19 00-0307	EA		3-1/2" ID Aluminum 45 Degree Elbow Insulation Jacketing.....	30.61	3.96
22 07 19 00-0308	EA		3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	30.88	4.03



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0309 EA 4" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	31.58	4.14
22 07 19 00-0310 EA 4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	34.00	4.22
22 07 19 00-0311 EA 4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	34.31	4.30
22 07 19 00-0312 EA 4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	34.64	4.38
22 07 19 00-0313 EA 5" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	37.97	4.47
22 07 19 00-0314 EA 5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	38.34	4.55
22 07 19 00-0315 EA 5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	39.88	4.69
22 07 19 00-0316 EA 6" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	40.90	4.95
22 07 19 00-0317 EA 6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	50.07	5.24
22 07 19 00-0318 EA 7" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	50.56	5.36
22 07 19 00-0319 EA 7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	51.34	5.49
22 07 19 00-0320 EA 8" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	51.61	5.56
22 07 19 00-0321 EA 8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	59.33	5.70
22 07 19 00-0322 EA 9" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	59.91	5.84
22 07 19 00-0323 EA 9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	74.41	5.92
22 07 19 00-0324 EA 10" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	74.73	5.99
22 07 19 00-0325 EA 10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	71.76	6.07
22 07 19 00-0326 EA 11" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	72.08	6.15
22 07 19 00-0327 EA 11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	82.32	6.32
22 07 19 00-0328 EA 12" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	82.68	6.41
22 07 19 00-0329 EA 13" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	93.72	6.70
22 07 19 00-0330 EA 14" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	109.73	6.90
22 07 19 00-0331 EA 15" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	154.99	7.12
22 07 19 00-0332 EA 16" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	166.07	7.23
22 07 19 00-0333 EA 17" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	163.31	7.35
22 07 19 00-0334 EA 18" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	182.63	7.47
22 07 19 00-0335 EA 19" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	216.96	7.59
22 07 19 00-0336 EA 20" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	211.34	7.72
22 07 19 00-0337 EA 21" ID, Aluminum 45 Degree Elbow Insulation Jacketing .....	226.24	7.85
22 07 19 00-0338 EA 2-1/2" ID, Aluminum Tee Insulation Jacketing .....	99.34	5.18
22 07 19 00-0339 EA 2-3/4" ID, Aluminum Tee Insulation Jacketing .....	99.83	5.30
22 07 19 00-0340 EA 3" ID, Aluminum Tee Insulation Jacketing .....	110.54	5.43
22 07 19 00-0341 EA 3-1/4" ID, Aluminum Tee Insulation Jacketing .....	111.07	5.56
22 07 19 00-0342 EA 3-1/2" ID Aluminum Tee Insulation Jacketing .....	115.89	5.70
22 07 19 00-0343 EA 4" ID, Aluminum Tee Insulation Jacketing .....	117.47	5.84
22 07 19 00-0344 EA 4-1/4" ID, Aluminum Tee Insulation Jacketing .....	123.52	5.99
22 07 19 00-0345 EA 4-1/2" ID, Aluminum Tee Insulation Jacketing .....	123.34	6.15
22 07 19 00-0346 EA 4-3/4" ID, Aluminum Tee Insulation Jacketing .....	124.03	6.32
22 07 19 00-0347 EA 5" ID, Aluminum Tee Insulation Jacketing .....	128.45	6.51
22 07 19 00-0348 EA 5-1/4" ID, Aluminum Tee Insulation Jacketing .....	129.22	6.70
22 07 19 00-0349 EA 5-1/2" ID, Aluminum Tee Insulation Jacketing .....	134.56	6.90
22 07 19 00-0350 EA 6" ID, Aluminum Tee Insulation Jacketing .....	135.43	7.12
22 07 19 00-0351 EA 6-1/2" ID, Aluminum Tee Insulation Jacketing .....	147.85	7.59
22 07 19 00-0352 EA 7" ID, Aluminum Tee Insulation Jacketing .....	148.90	7.85
22 07 19 00-0353 EA 7-1/2" ID, Aluminum Tee Insulation Jacketing .....	163.18	8.14
22 07 19 00-0354 EA 8" ID, Aluminum Tee Insulation Jacketing .....	164.38	8.44
22 07 19 00-0355 EA 8-1/2" ID, Aluminum Tee Insulation Jacketing .....	169.12	8.76
22 07 19 00-0356 EA 9" ID, Aluminum Tee Insulation Jacketing .....	170.52	9.11
22 07 19 00-0357 EA 9-1/2" ID, Aluminum Tee Insulation Jacketing .....	136.70	9.29
22 07 19 00-0358 EA 10" ID, Aluminum Tee Insulation Jacketing .....	137.47	9.50
22 07 19 00-0359 EA 10-1/2" ID, Aluminum Tee Insulation Jacketing .....	144.77	9.70
22 07 19 00-0360 EA 11" ID, Aluminum Tee Insulation Jacketing .....	145.62	9.91
22 07 19 00-0361 EA 11-1/2" ID, Aluminum Tee Insulation Jacketing .....	152.27	10.12
22 07 19 00-0362 EA 12" ID, Aluminum Tee Insulation Jacketing .....	153.20	10.35
22 07 19 00-0363 EA 13" ID, Aluminum Tee Insulation Jacketing .....	159.71	10.59
22 07 19 00-0364 EA 14" ID, Aluminum Tee Insulation Jacketing .....	166.48	10.85
22 07 19 00-0365 EA 15" ID, Aluminum Tee Insulation Jacketing .....	177.58	11.11
22 07 19 00-0366 EA 16" ID, Aluminum Tee Insulation Jacketing .....	182.03	11.39
22 07 19 00-0367 EA 17" ID, Aluminum Tee Insulation Jacketing .....	203.63	11.68
22 07 19 00-0368 EA 18" ID, Aluminum Tee Insulation Jacketing .....	210.96	11.99
22 07 19 00-0369 EA 19" ID, Aluminum Tee Insulation Jacketing .....	229.52	12.32
22 07 19 00-0370 EA 20" ID, Aluminum Tee Insulation Jacketing .....	234.83	12.66
22 07 19 00-0371 EA 22" ID, Aluminum Tee Insulation Jacketing .....	286.39	13.02
22 07 19 00-0372 EA 23" ID, Aluminum Tee Insulation Jacketing .....	294.43	13.40
22 07 19 00-0373 EA 24" ID, Aluminum Tee Insulation Jacketing .....	305.90	14.69
22 07 19 00-0374	<b>Stainless Steel Insulation Protective Jacketing With Bands</b> <small>(22 07 19 00-0001)</small>	
22 07 19 00-0375	<b>Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands</b> <small>(22 07 19 00-0374)</small>	
22 07 19 00-0376 SF 0.010" Stainless Steel Insulation Jacket With Bands .....	21.82	8.54
22 07 19 00-0377 SF 0.016" Stainless Steel Insulation Jacket With Bands .....	26.89	10.25
22 07 19 00-0378	<b>10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands</b> <small>(22 07 19 00-0374)</small>	
22 07 19 00-0379 LF 2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing .....	11.46	1.82
22 07 19 00-0380 LF 2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing .....	11.98	1.86
22 07 19 00-0381 LF 3" ID, 0.010" Stainless Steel Insulation Jacketing .....	12.50	1.90
22 07 19 00-0382 LF 3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing .....	13.04	1.94





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 07 19 00-0383	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	13.59	1.98
22 07 19 00-0384	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	14.13	2.02
22 07 19 00-0385	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing.....	14.69	2.07
22 07 19 00-0386	LF	4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing.....	15.25	2.11
22 07 19 00-0387	LF	4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	15.81	2.17
22 07 19 00-0388	LF	5" ID, 0.010" Stainless Steel Insulation Jacketing.....	17.00	2.28
22 07 19 00-0389	LF	5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	18.21	2.40
22 07 19 00-0390	LF	6" ID, 0.010" Stainless Steel Insulation Jacketing.....	19.48	2.53
22 07 19 00-0391	LF	6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	20.51	2.61
22 07 19 00-0392	LF	7" ID, 0.010" Stainless Steel Insulation Jacketing.....	21.57	2.68
22 07 19 00-0393	LF	7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	22.70	2.78
22 07 19 00-0394	LF	8" ID, 0.010" Stainless Steel Insulation Jacketing.....	23.64	2.83
22 07 19 00-0395	LF	8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	24.59	2.88
22 07 19 00-0396	LF	9" ID, 0.010" Stainless Steel Insulation Jacketing.....	25.57	2.94
22 07 19 00-0397	LF	9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	26.54	3.00
22 07 19 00-0398	LF	10" ID, 0.010" Stainless Steel Insulation Jacketing.....	27.52	3.06
22 07 19 00-0399	LF	10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing.....	28.52	3.12
22 07 19 00-0400	LF	11" ID, 0.010" Stainless Steel Insulation Jacketing.....	29.53	3.18
22 07 19 00-0401	LF	12" ID, 0.010" Stainless Steel Insulation Jacketing.....	31.55	3.32
22 07 19 00-0402	LF	13" ID, 0.010" Stainless Steel Insulation Jacketing.....	33.55	3.45
22 07 19 00-0403	LF	14" ID, 0.010" Stainless Steel Insulation Jacketing.....	35.23	3.50

22 07 19 00-0404 16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With

Moisture Barrier And Bands (22 07 19 00-0374)

22 07 19 00-0405	LF	2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	15.75	2.43
22 07 19 00-0406	LF	2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	16.47	2.48
22 07 19 00-0407	LF	3" ID, 0.016" Stainless Steel Insulation Jacketing.....	17.22	2.53
22 07 19 00-0408	LF	3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	17.98	2.58
22 07 19 00-0409	LF	3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	18.75	2.64
22 07 19 00-0410	LF	3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	19.51	2.69
22 07 19 00-0411	LF	4" ID, 0.016" Stainless Steel Insulation Jacketing.....	20.30	2.76
22 07 19 00-0412	LF	4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing.....	21.08	2.82
22 07 19 00-0413	LF	4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	21.89	2.89
22 07 19 00-0414	LF	5" ID, 0.016" Stainless Steel Insulation Jacketing.....	23.55	3.03
22 07 19 00-0415	LF	5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	25.26	3.19
22 07 19 00-0416	LF	6" ID, 0.016" Stainless Steel Insulation Jacketing.....	27.03	3.36
22 07 19 00-0417	LF	6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	28.49	3.46
22 07 19 00-0418	LF	7" ID, 0.016" Stainless Steel Insulation Jacketing.....	29.99	3.56
22 07 19 00-0419	LF	7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	31.58	3.70
22 07 19 00-0420	LF	8" ID, 0.016" Stainless Steel Insulation Jacketing.....	32.92	3.77
22 07 19 00-0421	LF	8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	34.28	3.84
22 07 19 00-0422	LF	9" ID, 0.016" Stainless Steel Insulation Jacketing.....	35.67	3.91
22 07 19 00-0423	LF	9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	37.04	3.99
22 07 19 00-0424	LF	10" ID, 0.016" Stainless Steel Insulation Jacketing.....	38.43	4.07
22 07 19 00-0425	LF	10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing.....	39.87	4.15
22 07 19 00-0426	LF	11" ID, 0.0106 Stainless Steel Insulation Jacketing.....	41.27	4.24
22 07 19 00-0427	LF	12" ID, 0.016" Stainless Steel Insulation Jacketing.....	44.15	4.42
22 07 19 00-0428	LF	13" ID, 0.016" Stainless Steel Insulation Jacketing.....	46.98	4.59
22 07 19 00-0429	LF	14" ID, 0.016" Stainless Steel Insulation Jacketing.....	49.40	4.66

22 07 19 00-0430 Type 316 Stainless Steel Insulation Protective Jacketing For Fittings (22 07 19 00-

0374)

22 07 19 00-0431	EA	2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	32.89	3.62
22 07 19 00-0432	EA	2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	33.24	3.71
22 07 19 00-0433	EA	3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	34.46	3.80
22 07 19 00-0434	EA	3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	34.85	3.90
22 07 19 00-0435	EA	3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	36.09	3.96
22 07 19 00-0436	EA	3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	37.51	4.03
22 07 19 00-0437	EA	4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	40.08	4.14
22 07 19 00-0438	EA	4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	48.13	4.22
22 07 19 00-0439	EA	4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	48.44	4.30
22 07 19 00-0440	EA	5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	49.83	4.47
22 07 19 00-0441	EA	5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	66.45	4.69
22 07 19 00-0442	EA	6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	72.13	4.95
22 07 19 00-0443	EA	6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	92.96	5.24
22 07 19 00-0444	EA	7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	93.45	5.36
22 07 19 00-0445	EA	7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	106.03	5.49
22 07 19 00-0446	EA	8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	106.86	5.70
22 07 19 00-0447	EA	8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	109.72	5.70
22 07 19 00-0448	EA	9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	155.60	5.84
22 07 19 00-0449	EA	9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	153.60	5.92
22 07 19 00-0450	EA	10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	153.92	5.99
22 07 19 00-0451	EA	10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	179.77	6.07
22 07 19 00-0452	EA	11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	173.03	6.15
22 07 19 00-0453	EA	12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	194.16	6.41
22 07 19 00-0454	EA	13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	260.24	6.70
22 07 19 00-0455	EA	14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing.....	262.63	6.90
22 07 19 00-0456	EA	2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	29.82	3.62
22 07 19 00-0457	EA	2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	30.17	3.71



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				22 07 19 00-0458 EA 3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	31.71	3.80
				22 07 19 00-0459 EA 3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	32.10	3.90
				22 07 19 00-0460 EA 3-1/2" ID Stainless Steel 45 Degree Elbow Insulation Jacketing .....	32.58	3.96
				22 07 19 00-0461 EA 3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	32.85	4.03
				22 07 19 00-0462 EA 4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	38.08	4.14
				22 07 19 00-0463 EA 4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	47.07	4.22
				22 07 19 00-0464 EA 4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	47.38	4.30
				22 07 19 00-0465 EA 4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	47.71	4.38
				22 07 19 00-0466 EA 5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	48.57	4.47
				22 07 19 00-0467 EA 5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	49.50	4.69
				22 07 19 00-0468 EA 6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	56.23	4.95
				22 07 19 00-0469 EA 6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	57.37	5.24
				22 07 19 00-0470 EA 7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	83.07	5.36
				22 07 19 00-0471 EA 7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	84.85	5.49
				22 07 19 00-0472 EA 8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	85.12	5.56
				22 07 19 00-0473 EA 8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	96.38	5.70
				22 07 19 00-0474 EA 9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	96.96	5.84
				22 07 19 00-0475 EA 9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	110.07	5.92
				22 07 19 00-0476 EA 10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	110.39	5.99
				22 07 19 00-0477 EA 10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	128.15	6.07
				22 07 19 00-0478 EA 11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	128.47	6.15
				22 07 19 00-0479 EA 12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	138.45	6.41
				22 07 19 00-0480 EA 13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing .....	159.51	6.70
				<b>22 07 19 00-0481 Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0001)</b>		
				<b>22 07 19 00-0482 20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0481)</b>		
			LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	7.96	1.69
			LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	8.62	1.75
			LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	9.21	1.82
			LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	9.91	1.90
			LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	10.55	1.98
			LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	11.26	2.07
			LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	12.01	2.17
			LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	12.74	2.28
			LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	13.57	2.40
			LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	14.45	2.53
			LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	15.10	2.61
			LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	15.71	2.68
			LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	16.50	2.78
			LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	17.01	2.83
			LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	17.58	2.88
			LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	18.16	2.94
			LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	18.74	3.00
			LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	19.29	3.06
			LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	19.89	3.12
			LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	20.51	3.18
			LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	21.13	3.25
			LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	21.72	3.32
			LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	22.41	3.40
			LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	22.93	3.45
			LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	23.28	3.45
			LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	23.85	3.50
			LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	24.77	3.55
			LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	25.65	3.62
			LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	26.58	3.68
			LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	27.53	3.74
			LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	28.44	3.80
			LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	29.41	3.86
			LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	30.32	3.93
			LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	31.30	4.00
			LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	32.25	4.07
			LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	33.25	4.14
			LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	34.27	4.22
			LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	35.23	4.30
			LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	36.27	4.38
			LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	37.26	4.47
			LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	38.34	4.55
			LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing .....	39.41	4.65
				<b>22 07 19 00-0525 30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing (22 07 19 00-0481)</b>		
			LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	9.38	1.75
			LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	10.16	1.82
			LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	11.02	1.90
			LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	11.81	1.98
			LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	12.67	2.07
			LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	13.57	2.17
			LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	14.50	2.28
			LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	15.49	2.40



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0534	LF		6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	16.52	2.53
22 07 19 00-0535	LF		6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	17.31	2.61
22 07 19 00-0536	LF		7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	18.13	2.68
22 07 19 00-0537	LF		7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	19.07	2.78
22 07 19 00-0538	LF		8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	19.79	2.83
22 07 19 00-0539	LF		8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	20.50	2.88
22 07 19 00-0540	LF		9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	21.23	2.94
22 07 19 00-0541	LF		9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	21.97	3.00
22 07 19 00-0542	LF		10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	22.71	3.06
22 07 19 00-0543	LF		10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	23.47	3.12
22 07 19 00-0544	LF		11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	24.24	3.18
22 07 19 00-0545	LF		11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	25.01	3.25
22 07 19 00-0546	LF		12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	25.80	3.32
22 07 19 00-0547	LF		12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	26.64	3.40
22 07 19 00-0548	LF		13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	27.37	3.45
22 07 19 00-0549	LF		13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	27.87	3.45
22 07 19 00-0550	LF		14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	28.58	3.50
22 07 19 00-0551	LF		15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	29.81	3.55
22 07 19 00-0552	LF		16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	31.04	3.62
22 07 19 00-0553	LF		17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	32.28	3.68
22 07 19 00-0554	LF		18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	33.58	3.74
22 07 19 00-0555	LF		19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	34.84	3.80
22 07 19 00-0556	LF		20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	36.11	3.86
22 07 19 00-0557	LF		21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	37.38	3.93
22 07 19 00-0558	LF		22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	38.66	4.00
22 07 19 00-0559	LF		23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	39.96	4.07
22 07 19 00-0560	LF		24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	41.26	4.14
22 07 19 00-0561	LF		25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	42.63	4.22
22 07 19 00-0562	LF		26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	43.95	4.30
22 07 19 00-0563	LF		27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	45.29	4.38
22 07 19 00-0564	LF		28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	46.64	4.47
22 07 19 00-0565	LF		29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	48.01	4.55
22 07 19 00-0566	LF		30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing .....	49.39	4.65

### 22 07 19 00-0567 Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0568	EA		1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	16.26	3.37
22 07 19 00-0569	EA		2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	17.45	3.50
22 07 19 00-0570	EA		2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	18.07	3.55
22 07 19 00-0571	EA		2-1/2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	18.69	3.62
22 07 19 00-0572	EA		2-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	19.40	3.71
22 07 19 00-0573	EA		3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	20.03	3.80
22 07 19 00-0574	EA		3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	21.20	3.93
22 07 19 00-0575	EA		3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	22.27	4.03
22 07 19 00-0576	EA		4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	24.33	4.14
22 07 19 00-0577	EA		4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	26.72	4.34
22 07 19 00-0578	EA		5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	29.17	4.55
22 07 19 00-0579	EA		5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	33.59	4.79
22 07 19 00-0580	EA		6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	44.29	5.07
22 07 19 00-0581	EA		6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	46.25	5.24
22 07 19 00-0582	EA		7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	53.14	5.36
22 07 19 00-0583	EA		7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	55.21	5.49
22 07 19 00-0584	EA		8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	65.57	5.70
22 07 19 00-0585	EA		9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	80.81	5.92
22 07 19 00-0586	EA		10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	88.42	6.15
22 07 19 00-0587	EA		11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	98.79	6.41
22 07 19 00-0588	EA		12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	119.12	6.70
22 07 19 00-0589	EA		14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	133.14	6.90
22 07 19 00-0590	EA		15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	141.87	7.12
22 07 19 00-0591	EA		16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	152.69	7.23
22 07 19 00-0592	EA		17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	166.72	7.35
22 07 19 00-0593	EA		18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	207.02	7.47
22 07 19 00-0594	EA		19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	270.85	7.59
22 07 19 00-0595	EA		20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing .....	339.95	7.72
22 07 19 00-0596	EA		1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	16.26	3.37
22 07 19 00-0597	EA		2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	17.45	3.50
22 07 19 00-0598	EA		2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	18.07	3.55
22 07 19 00-0599	EA		2-1/2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	18.69	3.62
22 07 19 00-0600	EA		2-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	19.40	3.71
22 07 19 00-0601	EA		3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	20.03	3.80
22 07 19 00-0602	EA		3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	21.20	3.93
22 07 19 00-0603	EA		3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	22.27	4.03
22 07 19 00-0604	EA		4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	24.33	4.14
22 07 19 00-0605	EA		4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	26.72	4.34
22 07 19 00-0606	EA		5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	29.17	4.55
22 07 19 00-0607	EA		5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	33.59	4.79
22 07 19 00-0608	EA		6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	44.29	5.07
22 07 19 00-0609	EA		6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	46.25	5.24
22 07 19 00-0610	EA		7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	53.14	5.36
22 07 19 00-0611	EA		7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	55.21	5.49
22 07 19 00-0612	EA		8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing .....	65.57	5.70



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0613	EA			9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	80.81	5.92
22 07 19 00-0614	EA			10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	88.37	6.15
22 07 19 00-0615	EA			11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	95.97	6.41
22 07 19 00-0616	EA			12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	105.26	6.70
22 07 19 00-0617	EA			14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	117.26	6.90
22 07 19 00-0618	EA			15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	124.68	7.12
22 07 19 00-0619	EA			16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	138.78	7.23
22 07 19 00-0620	EA			17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	153.11	7.35
22 07 19 00-0621	EA			18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	181.06	7.47
22 07 19 00-0622	EA			19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	236.59	7.59
22 07 19 00-0623	EA			20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing.....	264.46	7.72
22 07 19 00-0624	EA			1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	24.22	4.74
22 07 19 00-0625	EA			2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	25.33	4.84
22 07 19 00-0626	EA			2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	26.48	5.00
22 07 19 00-0627	EA			2-1/2"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	27.76	5.18
22 07 19 00-0628	EA			2-3/4"ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	29.20	5.36
22 07 19 00-0629	EA			3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	30.64	5.56
22 07 19 00-0630	EA			3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	32.75	5.77
22 07 19 00-0631	EA			3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	34.97	5.99
22 07 19 00-0632	EA			4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	37.96	6.24
22 07 19 00-0633	EA			4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	42.21	6.51
22 07 19 00-0634	EA			5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	46.65	6.80
22 07 19 00-0635	EA			5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	54.77	7.23
22 07 19 00-0636	EA			6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	64.34	7.59
22 07 19 00-0637	EA			6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	72.91	7.72
22 07 19 00-0638	EA			7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	99.90	8.00
22 07 19 00-0639	EA			7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	108.22	8.44
22 07 19 00-0640	EA			8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	125.65	8.76
22 07 19 00-0641	EA			9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	143.28	9.11
22 07 19 00-0642	EA			10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	146.06	9.50
22 07 19 00-0643	EA			11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	158.86	9.70
22 07 19 00-0644	EA			12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	171.71	9.91
22 07 19 00-0645	EA			14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	184.67	10.12
22 07 19 00-0646	EA			15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	197.54	10.35
22 07 19 00-0647	EA			16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	210.54	10.59
22 07 19 00-0648	EA			17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	223.45	10.85
22 07 19 00-0649	EA			18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	242.65	11.11
22 07 19 00-0650	EA			19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	261.80	11.39
22 07 19 00-0651	EA			20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing.....	284.99	11.68
22 07 19 00-0652	EA			3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	34.94	3.25
22 07 19 00-0653	EA			1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	34.94	3.25
22 07 19 00-0654	EA			1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	41.26	3.37
22 07 19 00-0655	EA			1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	41.26	3.37
22 07 19 00-0656	EA			2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	57.81	3.50
22 07 19 00-0657	EA			2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	63.21	3.65
22 07 19 00-0658	EA			3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	69.67	3.80
22 07 19 00-0659	EA			3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	78.89	3.96
22 07 19 00-0660	EA			4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	86.82	4.14
22 07 19 00-0661	EA			5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	105.56	4.55
22 07 19 00-0662	EA			6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	149.26	5.07
22 07 19 00-0663	EA			8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	163.28	5.70
22 07 19 00-0664	EA			10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	204.06	6.07
22 07 19 00-0665	EA			12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	285.33	6.70
22 07 19 00-0666	EA			14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	287.02	7.01
22 07 19 00-0667	EA			16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	381.13	7.23
22 07 19 00-0668	EA			18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing.....	514.28	7.47
22 07 19 00-0669	EA			3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	32.52	3.25
22 07 19 00-0670	EA			1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	32.52	3.25
22 07 19 00-0671	EA			1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	38.33	3.37
22 07 19 00-0672	EA			1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	38.33	3.37
22 07 19 00-0673	EA			2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	53.03	3.50
22 07 19 00-0674	EA			2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	57.87	3.65
22 07 19 00-0675	EA			3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	63.82	3.80
22 07 19 00-0676	EA			3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	67.15	3.96
22 07 19 00-0677	EA			4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	79.06	4.14
22 07 19 00-0678	EA			5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	95.94	4.55
22 07 19 00-0679	EA			6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	135.10	5.07
22 07 19 00-0680	EA			8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	147.76	5.70
22 07 19 00-0681	EA			10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	184.30	6.07
22 07 19 00-0682	EA			12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	257.05	6.70
22 07 19 00-0683	EA			14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	327.54	7.01
22 07 19 00-0684	EA			16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	391.76	7.23
22 07 19 00-0685	EA			18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing.....	458.14	7.47
22 07 19 00-0686	EA			3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	48.17	4.89
22 07 19 00-0687	EA			1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	48.17	4.89
22 07 19 00-0688	EA			1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	56.33	5.07
22 07 19 00-0689	EA			1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	56.33	5.07
22 07 19 00-0690	EA			2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	77.85	5.24
22 07 19 00-0691	EA			2-1/2"ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	84.99	5.43
22 07 19 00-0692	EA			3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	93.58	5.70
22 07 19 00-0693	EA			3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing.....	98.70	5.92



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0694	EA		4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	116.58	6.24
22 07 19 00-0695	EA		5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	128.14	6.80
22 07 19 00-0696	EA		6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	179.69	7.59
22 07 19 00-0697	EA		8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	195.61	8.44
22 07 19 00-0698	EA		10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	270.17	9.11
22 07 19 00-0699	EA		12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	375.60	9.91
22 07 19 00-0700	EA		14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	448.20	10.59
22 07 19 00-0701	EA		16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	530.21	10.85
22 07 19 00-0702	EA		18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing .....	580.75	11.11
<b>22 07 19 00-0703</b>			<b>Insulation Foam Rubber (22 07 19)</b>		
<b>22 07 19 00-0704</b>			<b>Covering 4x6 Sheet (22 07 19 00-0703)</b>		
22 07 19 00-0705	SF		1" Thick Foam Rubber Sheet Insulation .....	23.91	8.09
<b>22 07 19 00-0706</b>			<b>Fiberglass (Glass Fiber) Pipe Insulation (22 07 19)</b>		
			Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
<b>22 07 19 00-0707</b>			<b>1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0706)</b>		
22 07 19 00-0708	LF		1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	8.72	2.51
			For Single Layer Of Felt Finish, Add .....	0.20	
			For Work In Restricted Working Space, Add .....	2.03	
22 07 19 00-0709	LF		3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	8.93	2.51
			For Single Layer Of Felt Finish, Add .....	0.23	
			For Work In Restricted Working Space, Add .....	2.03	
22 07 19 00-0710	LF		1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	9.50	2.62
			For Single Layer Of Felt Finish, Add .....	0.24	
			For Work In Restricted Working Space, Add .....	2.16	
22 07 19 00-0711	LF		1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	9.85	2.73
			For Single Layer Of Felt Finish, Add .....	0.27	
			For Work In Restricted Working Space, Add .....	2.20	
22 07 19 00-0712	LF		1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	10.15	2.73
			For Single Layer Of Felt Finish, Add .....	0.28	
			For Work In Restricted Working Space, Add .....	2.24	
22 07 19 00-0713	LF		2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	10.75	2.85
			For Single Layer Of Felt Finish, Add .....	0.30	
			For Work In Restricted Working Space, Add .....	2.36	
22 07 19 00-0714	LF		2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	11.31	2.96
			For Single Layer Of Felt Finish, Add .....	0.35	
			For Work In Restricted Working Space, Add .....	2.40	
22 07 19 00-0715	LF		3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	11.97	3.07
			For Single Layer Of Felt Finish, Add .....	0.39	
			For Work In Restricted Working Space, Add .....	2.48	
22 07 19 00-0716	LF		4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	13.68	3.30
			For Single Layer Of Felt Finish, Add .....	0.50	
			For Work In Restricted Working Space, Add .....	2.69	
22 07 19 00-0717	LF		6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	16.18	3.88
			For Single Layer Of Felt Finish, Add .....	0.60	
			For Work In Restricted Working Space, Add .....	3.13	
<b>22 07 19 00-0718</b>			<b>1" Thick Fiberglass Pipe Insulation (22 07 19 00-0706)</b>		
22 07 19 00-0719	LF		1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	11.67	3.41
			For Single Layer Of Felt Finish, Add .....	0.24	
			For Work In Restricted Working Space, Add .....	2.81	
22 07 19 00-0720	LF		3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.00	3.41
			For Single Layer Of Felt Finish, Add .....	0.28	
			For Work In Restricted Working Space, Add .....	2.81	
22 07 19 00-0721	LF		1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.19	3.41
			For Single Layer Of Felt Finish, Add .....	0.28	
			For Work In Restricted Working Space, Add .....	2.85	
22 07 19 00-0722	LF		1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	12.67	3.53
			For Single Layer Of Felt Finish, Add .....	0.32	
			For Work In Restricted Working Space, Add .....	2.89	
22 07 19 00-0723	LF		1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	13.03	3.53
			For Single Layer Of Felt Finish, Add .....	0.34	
			For Work In Restricted Working Space, Add .....	2.93	
22 07 19 00-0724	LF		2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	13.60	3.65
			For Single Layer Of Felt Finish, Add .....	0.37	
			For Work In Restricted Working Space, Add .....	3.01	
22 07 19 00-0725	LF		2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	14.38	3.88
			For Single Layer Of Felt Finish, Add .....	0.41	
			For Work In Restricted Working Space, Add .....	3.13	
22 07 19 00-0726	LF		3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	15.16	3.99
			For Single Layer Of Felt Finish, Add .....	0.47	
			For Work In Restricted Working Space, Add .....	3.21	
22 07 19 00-0727	LF		4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ) .....	17.26	4.21
			For Single Layer Of Felt Finish, Add .....	0.60	
			For Work In Restricted Working Space, Add .....	3.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0728 LF 6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.02	4.89
<i>For Single Layer Of Felt Finish, Add</i>	0.74	
<i>For Work In Restricted Working Space, Add</i>	3.90	
22 07 19 00-0729 LF 8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.94	5.47
<i>For Single Layer Of Felt Finish, Add</i>	1.05	
<i>For Work In Restricted Working Space, Add</i>	4.47	
22 07 19 00-0730 LF 10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.32	6.50
<i>For Single Layer Of Felt Finish, Add</i>	1.23	
<i>For Work In Restricted Working Space, Add</i>	5.29	
22 07 19 00-0731 LF 12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.63	7.40
<i>For Single Layer Of Felt Finish, Add</i>	1.40	
<i>For Work In Restricted Working Space, Add</i>	6.10	
22 07 19 00-0732 LF 14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	36.45	8.09
<i>For Single Layer Of Felt Finish, Add</i>	1.62	
<i>For Work In Restricted Working Space, Add</i>	6.32	
<b>22 07 19 00-0733 1-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0706)</b>		
22 07 19 00-0734 LF 1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	14.43	3.51
<i>For Single Layer Of Felt Finish, Add</i>	0.49	
<i>For Work In Restricted Working Space, Add</i>	2.93	
22 07 19 00-0735 LF 3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	14.64	3.51
<i>For Single Layer Of Felt Finish, Add</i>	0.51	
<i>For Work In Restricted Working Space, Add</i>	2.93	
22 07 19 00-0736 LF 1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	15.47	3.73
<i>For Single Layer Of Felt Finish, Add</i>	0.54	
<i>For Work In Restricted Working Space, Add</i>	3.10	
22 07 19 00-0737 LF 1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.05	3.81
<i>For Single Layer Of Felt Finish, Add</i>	0.58	
<i>For Work In Restricted Working Space, Add</i>	3.16	
22 07 19 00-0738 LF 1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	16.54	3.88
<i>For Single Layer Of Felt Finish, Add</i>	0.61	
<i>For Work In Restricted Working Space, Add</i>	3.21	
22 07 19 00-0739 LF 2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.66	4.08
<i>For Single Layer Of Felt Finish, Add</i>	0.67	
<i>For Work In Restricted Working Space, Add</i>	3.39	
22 07 19 00-0740 LF 2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.49	4.15
<i>For Single Layer Of Felt Finish, Add</i>	0.73	
<i>For Work In Restricted Working Space, Add</i>	3.45	
22 07 19 00-0741 LF 3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.09	4.29
<i>For Single Layer Of Felt Finish, Add</i>	0.76	
<i>For Work In Restricted Working Space, Add</i>	3.57	
22 07 19 00-0742 LF 4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.11	4.64
<i>For Single Layer Of Felt Finish, Add</i>	0.87	
<i>For Work In Restricted Working Space, Add</i>	3.86	
22 07 19 00-0743 LF 6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.43	5.42
<i>For Single Layer Of Felt Finish, Add</i>	0.99	
<i>For Work In Restricted Working Space, Add</i>	4.50	
22 07 19 00-0744 LF 8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.63	5.72
<i>For Single Layer Of Felt Finish, Add</i>	1.24	
<i>For Work In Restricted Working Space, Add</i>	4.75	
22 07 19 00-0745 LF 10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.83	6.85
<i>For Single Layer Of Felt Finish, Add</i>	1.56	
<i>For Work In Restricted Working Space, Add</i>	5.69	
22 07 19 00-0746 LF 12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.27	7.98
<i>For Single Layer Of Felt Finish, Add</i>	1.70	
<i>For Work In Restricted Working Space, Add</i>	6.62	
22 07 19 00-0747 LF 14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.94	8.73
<i>For Single Layer Of Felt Finish, Add</i>	1.97	
<i>For Work In Restricted Working Space, Add</i>	7.26	
<b>22 07 19 00-0748 2" Thick Fiberglass Pipe Insulation (22 07 19 00-0706)</b>		
22 07 19 00-0749 LF 1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.05	3.88
<i>For Single Layer Of Felt Finish, Add</i>	0.77	
<i>For Work In Restricted Working Space, Add</i>	3.21	
22 07 19 00-0750 LF 3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.30	3.88
<i>For Single Layer Of Felt Finish, Add</i>	0.80	
<i>For Work In Restricted Working Space, Add</i>	3.21	
22 07 19 00-0751 LF 1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.96	3.99
<i>For Single Layer Of Felt Finish, Add</i>	0.85	
<i>For Work In Restricted Working Space, Add</i>	3.26	
22 07 19 00-0752 LF 1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.56	3.99
<i>For Single Layer Of Felt Finish, Add</i>	0.90	
<i>For Work In Restricted Working Space, Add</i>	3.30	
22 07 19 00-0753 LF 1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.18	4.10
<i>For Single Layer Of Felt Finish, Add</i>	0.95	
<i>For Work In Restricted Working Space, Add</i>	3.34	
22 07 19 00-0754 LF 2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.94	4.21
<i>For Single Layer Of Felt Finish, Add</i>	0.99	
<i>For Work In Restricted Working Space, Add</i>	3.46	
22 07 19 00-0755 LF 2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.05	4.33
<i>For Single Layer Of Felt Finish, Add</i>	1.06	
<i>For Work In Restricted Working Space, Add</i>	3.58	



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0756	LF	3"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.25	4.55
			<i>For Single Layer Of Felt Finish, Add</i>	1.15	
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 07 19 00-0757	LF	4"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.52	4.78
			<i>For Single Layer Of Felt Finish, Add</i>	1.31	
			<i>For Work In Restricted Working Space, Add</i>	3.91	
22 07 19 00-0758	LF	6"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.14	5.62
			<i>For Single Layer Of Felt Finish, Add</i>	1.52	
			<i>For Work In Restricted Working Space, Add</i>	4.69	
22 07 19 00-0759	LF	8"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.43	5.93
			<i>For Single Layer Of Felt Finish, Add</i>	1.88	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 07 19 00-0760	LF	10"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	41.20	7.10
			<i>For Single Layer Of Felt Finish, Add</i>	2.25	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
22 07 19 00-0761	LF	12"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	47.20	8.51
			<i>For Single Layer Of Felt Finish, Add</i>	2.48	
			<i>For Work In Restricted Working Space, Add</i>	7.09	
22 07 19 00-0762	LF	14"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	59.62	9.28
			<i>For Single Layer Of Felt Finish, Add</i>	2.80	
			<i>For Work In Restricted Working Space, Add</i>	9.89	
22 07 19 00-0763	LF	16"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	63.32	10.88
			<i>For Single Layer Of Felt Finish, Add</i>	3.19	
			<i>For Work In Restricted Working Space, Add</i>	9.89	
22 07 19 00-0764	LF	18"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	70.68	11.42
			<i>For Single Layer Of Felt Finish, Add</i>	3.79	
			<i>For Work In Restricted Working Space, Add</i>	10.38	
22 07 19 00-0765	LF	20"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	80.04	13.05
			<i>For Single Layer Of Felt Finish, Add</i>	4.25	
			<i>For Work In Restricted Working Space, Add</i>	11.87	
22 07 19 00-0766	LF	24"	Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	92.67	15.77
			<i>For Single Layer Of Felt Finish, Add</i>	4.71	
			<i>For Work In Restricted Working Space, Add</i>	14.34	
<b>22 07 19 00-0767</b>			<b>2-1/2" Thick Fiberglass Pipe Insulation</b> (22 07 19 00-0706)		
22 07 19 00-0768	LF	1/2"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.57	4.55
			<i>For Single Layer Of Felt Finish, Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	3.71	
22 07 19 00-0769	LF	3/4"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.92	4.55
			<i>For Single Layer Of Felt Finish, Add</i>	1.11	
			<i>For Work In Restricted Working Space, Add</i>	3.71	
22 07 19 00-0770	LF	1"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.88	4.55
			<i>For Single Layer Of Felt Finish, Add</i>	1.19	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
22 07 19 00-0771	LF	1-1/4"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.61	4.67
			<i>For Single Layer Of Felt Finish, Add</i>	1.26	
			<i>For Work In Restricted Working Space, Add</i>	3.80	
22 07 19 00-0772	LF	1-1/2"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.36	4.67
			<i>For Single Layer Of Felt Finish, Add</i>	1.33	
			<i>For Work In Restricted Working Space, Add</i>	3.82	
22 07 19 00-0773	LF	2"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.41	4.89
			<i>For Single Layer Of Felt Finish, Add</i>	1.38	
			<i>For Work In Restricted Working Space, Add</i>	3.98	
22 07 19 00-0774	LF	2-1/2"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.96	5.01
			<i>For Single Layer Of Felt Finish, Add</i>	1.49	
			<i>For Work In Restricted Working Space, Add</i>	4.12	
22 07 19 00-0775	LF	3"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.35	5.24
			<i>For Single Layer Of Felt Finish, Add</i>	1.59	
			<i>For Work In Restricted Working Space, Add</i>	4.26	
22 07 19 00-0776	LF	4"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.60	5.47
			<i>For Single Layer Of Felt Finish, Add</i>	1.85	
			<i>For Work In Restricted Working Space, Add</i>	4.49	
22 07 19 00-0777	LF	6"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	37.41	5.81
			<i>For Single Layer Of Felt Finish, Add</i>	2.14	
			<i>For Work In Restricted Working Space, Add</i>	5.11	
22 07 19 00-0778	LF	8"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	50.69	6.95
			<i>For Single Layer Of Felt Finish, Add</i>	3.33	
			<i>For Work In Restricted Working Space, Add</i>	5.69	
22 07 19 00-0779	LF	10"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.69	7.98
			<i>For Single Layer Of Felt Finish, Add</i>	4.07	
			<i>For Work In Restricted Working Space, Add</i>	6.57	
22 07 19 00-0780	LF	12"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	68.53	9.91
			<i>For Single Layer Of Felt Finish, Add</i>	4.34	
			<i>For Work In Restricted Working Space, Add</i>	8.16	
22 07 19 00-0781	LF	14"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	77.70	10.94
			<i>For Single Layer Of Felt Finish, Add</i>	5.04	
			<i>For Work In Restricted Working Space, Add</i>	8.91	
22 07 19 00-0782	LF	16"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	90.85	13.90
			<i>For Single Layer Of Felt Finish, Add</i>	5.55	
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 07 19 00-0783	LF	18"	Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	97.89	14.58
			<i>For Single Layer Of Felt Finish, Add</i>	6.09	
			<i>For Work In Restricted Working Space, Add</i>	11.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0784 LF 20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	111.03	16.63
<i>For Single Layer Of Felt Finish, Add</i>	6.87	
<i>For Work In Restricted Working Space, Add</i>	13.67	
22 07 19 00-0785 LF 24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	130.30	20.09
<i>For Single Layer Of Felt Finish, Add</i>	7.90	
<i>For Work In Restricted Working Space, Add</i>	16.51	
<b>22 07 19 00-0786 3" Thick Fiberglass Pipe Insulation</b> <small>(22 07 19 00-0706)</small>		
22 07 19 00-0787 LF 1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.87	5.04
<i>For Single Layer Of Felt Finish, Add</i>	1.18	
<i>For Work In Restricted Working Space, Add</i>	4.10	
22 07 19 00-0788 LF 3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.25	5.04
<i>For Single Layer Of Felt Finish, Add</i>	1.22	
<i>For Work In Restricted Working Space, Add</i>	4.10	
22 07 19 00-0789 LF 1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.25	5.08
<i>For Single Layer Of Felt Finish, Add</i>	1.31	
<i>For Work In Restricted Working Space, Add</i>	4.15	
22 07 19 00-0790 LF 1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.03	5.12
<i>For Single Layer Of Felt Finish, Add</i>	1.38	
<i>For Work In Restricted Working Space, Add</i>	4.17	
22 07 19 00-0791 LF 1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.91	5.17
<i>For Single Layer Of Felt Finish, Add</i>	1.45	
<i>For Work In Restricted Working Space, Add</i>	4.22	
22 07 19 00-0792 LF 2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.01	5.37
<i>For Single Layer Of Felt Finish, Add</i>	1.52	
<i>For Work In Restricted Working Space, Add</i>	4.37	
22 07 19 00-0793 LF 2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.69	5.55
<i>For Single Layer Of Felt Finish, Add</i>	1.64	
<i>For Work In Restricted Working Space, Add</i>	4.52	
22 07 19 00-0794 LF 3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.23	5.75
<i>For Single Layer Of Felt Finish, Add</i>	1.74	
<i>For Work In Restricted Working Space, Add</i>	4.69	
22 07 19 00-0795 LF 4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.82	6.07
<i>For Single Layer Of Felt Finish, Add</i>	2.03	
<i>For Work In Restricted Working Space, Add</i>	4.95	
22 07 19 00-0796 LF 6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	41.09	6.89
<i>For Single Layer Of Felt Finish, Add</i>	2.35	
<i>For Work In Restricted Working Space, Add</i>	5.62	
22 07 19 00-0797 LF 8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	55.66	7.67
<i>For Single Layer Of Felt Finish, Add</i>	3.65	
<i>For Work In Restricted Working Space, Add</i>	6.26	
22 07 19 00-0798 LF 10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	66.67	8.86
<i>For Single Layer Of Felt Finish, Add</i>	4.47	
<i>For Work In Restricted Working Space, Add</i>	7.22	
22 07 19 00-0799 LF 12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	75.28	11.02
<i>For Single Layer Of Felt Finish, Add</i>	4.76	
<i>For Work In Restricted Working Space, Add</i>	8.98	
22 07 19 00-0800 LF 14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	85.35	12.02
<i>For Single Layer Of Felt Finish, Add</i>	5.53	
<i>For Work In Restricted Working Space, Add</i>	9.80	
22 07 19 00-0801 LF 16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	99.79	15.37
<i>For Single Layer Of Felt Finish, Add</i>	6.09	
<i>For Work In Restricted Working Space, Add</i>	12.53	
22 07 19 00-0802 LF 18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	107.53	16.14
<i>For Single Layer Of Felt Finish, Add</i>	6.69	
<i>For Work In Restricted Working Space, Add</i>	13.15	
22 07 19 00-0803 LF 20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	121.99	18.45
<i>For Single Layer Of Felt Finish, Add</i>	7.54	
<i>For Work In Restricted Working Space, Add</i>	15.04	
22 07 19 00-0804 LF 24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	143.16	22.27
<i>For Single Layer Of Felt Finish, Add</i>	8.67	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<b>22 07 19 00-0805 3-1/2" Thick Fiberglass Pipe Insulation</b> <small>(22 07 19 00-0706)</small>		
22 07 19 00-0806 LF 1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.77	5.47
<i>For Single Layer Of Felt Finish, Add</i>	1.24	
<i>For Work In Restricted Working Space, Add</i>	4.49	
22 07 19 00-0807 LF 3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.21	5.47
<i>For Single Layer Of Felt Finish, Add</i>	1.28	
<i>For Work In Restricted Working Space, Add</i>	4.49	
22 07 19 00-0808 LF 1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.67	5.47
<i>For Single Layer Of Felt Finish, Add</i>	1.43	
<i>For Work In Restricted Working Space, Add</i>	4.52	
22 07 19 00-0809 LF 1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.51	5.58
<i>For Single Layer Of Felt Finish, Add</i>	1.50	
<i>For Work In Restricted Working Space, Add</i>	4.55	
22 07 19 00-0810 LF 1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.51	5.58
<i>For Single Layer Of Felt Finish, Add</i>	1.59	
<i>For Work In Restricted Working Space, Add</i>	4.61	
22 07 19 00-0811 LF 2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.65	5.81
<i>For Single Layer Of Felt Finish, Add</i>	1.66	
<i>For Work In Restricted Working Space, Add</i>	4.76	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0812	LF 2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.50	6.03
	<i>For Single Layer Of Felt Finish, Add</i>	1.79	
	<i>For Work In Restricted Working Space, Add</i>	4.93	
22 07 19 00-0813	LF 3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.07	6.26
	<i>For Single Layer Of Felt Finish, Add</i>	1.89	
	<i>For Work In Restricted Working Space, Add</i>	5.11	
22 07 19 00-0814	LF 4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	39.15	6.61
	<i>For Single Layer Of Felt Finish, Add</i>	2.22	
	<i>For Work In Restricted Working Space, Add</i>	5.40	
22 07 19 00-0815	LF 6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	44.87	7.51
	<i>For Single Layer Of Felt Finish, Add</i>	2.57	
	<i>For Work In Restricted Working Space, Add</i>	6.13	
22 07 19 00-0816	LF 8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	60.79	8.32
	<i>For Single Layer Of Felt Finish, Add</i>	3.99	
	<i>For Work In Restricted Working Space, Add</i>	6.83	
22 07 19 00-0817	LF 10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	72.83	9.57
	<i>For Single Layer Of Felt Finish, Add</i>	4.89	
	<i>For Work In Restricted Working Space, Add</i>	7.88	
22 07 19 00-0818	LF 12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	82.22	11.96
	<i>For Single Layer Of Felt Finish, Add</i>	5.20	
	<i>For Work In Restricted Working Space, Add</i>	9.80	
22 07 19 00-0819	LF 14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	93.26	13.10
	<i>For Single Layer Of Felt Finish, Add</i>	6.05	
	<i>For Work In Restricted Working Space, Add</i>	10.70	
22 07 19 00-0820	LF 16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	109.04	16.63
	<i>For Single Layer Of Felt Finish, Add</i>	6.67	
	<i>For Work In Restricted Working Space, Add</i>	13.67	
22 07 19 00-0821	LF 18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	117.46	17.54
	<i>For Single Layer Of Felt Finish, Add</i>	7.31	
	<i>For Work In Restricted Working Space, Add</i>	14.35	
22 07 19 00-0822	LF 20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	133.29	20.05
	<i>For Single Layer Of Felt Finish, Add</i>	8.25	
	<i>For Work In Restricted Working Space, Add</i>	16.41	
22 07 19 00-0823	LF 24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	156.39	24.15
	<i>For Single Layer Of Felt Finish, Add</i>	9.48	
	<i>For Work In Restricted Working Space, Add</i>	19.82	
<b>22 07 19 00-0824</b>	<b>4" Thick Fiberglass Pipe Insulation (22 07 19 00-0706)</b>		
22 07 19 00-0825	LF 1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.41	6.15
	<i>For Single Layer Of Felt Finish, Add</i>	1.45	
	<i>For Work In Restricted Working Space, Add</i>	4.99	
22 07 19 00-0826	LF 3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.90	6.15
	<i>For Single Layer Of Felt Finish, Add</i>	1.50	
	<i>For Work In Restricted Working Space, Add</i>	4.99	
22 07 19 00-0827	LF 1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.21	6.15
	<i>For Single Layer Of Felt Finish, Add</i>	1.60	
	<i>For Work In Restricted Working Space, Add</i>	5.08	
22 07 19 00-0828	LF 1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.27	6.26
	<i>For Single Layer Of Felt Finish, Add</i>	1.70	
	<i>For Work In Restricted Working Space, Add</i>	5.14	
22 07 19 00-0829	LF 1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.68	6.50
	<i>For Single Layer Of Felt Finish, Add</i>	1.79	
	<i>For Work In Restricted Working Space, Add</i>	5.30	
22 07 19 00-0830	LF 2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.97	6.72
	<i>For Single Layer Of Felt Finish, Add</i>	1.86	
	<i>For Work In Restricted Working Space, Add</i>	5.46	
22 07 19 00-0831	LF 2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	37.68	6.72
	<i>For Single Layer Of Felt Finish, Add</i>	2.01	
	<i>For Work In Restricted Working Space, Add</i>	5.55	
22 07 19 00-0832	LF 3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	39.62	7.06
	<i>For Single Layer Of Felt Finish, Add</i>	2.15	
	<i>For Work In Restricted Working Space, Add</i>	5.75	
22 07 19 00-0833	LF 4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	44.00	7.40
	<i>For Single Layer Of Felt Finish, Add</i>	2.50	
	<i>For Work In Restricted Working Space, Add</i>	6.07	
22 07 19 00-0834	LF 6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	50.47	8.43
	<i>For Single Layer Of Felt Finish, Add</i>	2.89	
	<i>For Work In Restricted Working Space, Add</i>	6.89	
22 07 19 00-0835	LF 8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	68.40	9.11
	<i>For Single Layer Of Felt Finish, Add</i>	4.49	
	<i>For Work In Restricted Working Space, Add</i>	7.68	
22 07 19 00-0836	LF 10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	81.94	10.82
	<i>For Single Layer Of Felt Finish, Add</i>	5.50	
	<i>For Work In Restricted Working Space, Add</i>	8.87	
22 07 19 00-0837	LF 12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	92.53	13.44
	<i>For Single Layer Of Felt Finish, Add</i>	5.86	
	<i>For Work In Restricted Working Space, Add</i>	11.02	
22 07 19 00-0838	LF 14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	104.94	14.69
	<i>For Single Layer Of Felt Finish, Add</i>	6.81	
	<i>For Work In Restricted Working Space, Add</i>	12.04	
22 07 19 00-0839	LF 16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	122.72	18.79
	<i>For Single Layer Of Felt Finish, Add</i>	7.50	
	<i>For Work In Restricted Working Space, Add</i>	15.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0840 LF 18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	132.10	19.71
<i>For Single Layer Of Felt Finish, Add</i>	8.23	
<i>For Work In Restricted Working Space, Add</i>	16.13	
22 07 19 00-0841 LF 20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	147.90	22.55
<i>For Single Layer Of Felt Finish, Add</i>	9.07	
<i>For Work In Restricted Working Space, Add</i>	18.46	
22 07 19 00-0842 LF 24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	175.96	27.22
<i>For Single Layer Of Felt Finish, Add</i>	10.67	
<i>For Work In Restricted Working Space, Add</i>	22.30	
<b>22 07 19 00-0843</b> <b>Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell</b> <small>(22 07 19)</small>		
<small>Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves &gt;3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.</small>		
<b>22 07 19 00-0844</b> <b>1" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0843)</small>		
22 07 19 00-0845 LF 1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	20.20	5.56
<i>For Work In Restricted Working Space, Add</i>	5.05	
22 07 19 00-0846 LF 3/4" Diameter Pipe, 1" Thick Foamglas Insulation .....	21.05	5.56
<i>For Work In Restricted Working Space, Add</i>	5.05	
22 07 19 00-0847 LF 1" Diameter Pipe, 1" Thick Foamglas Insulation .....	22.15	5.64
<i>For Work In Restricted Working Space, Add</i>	5.12	
22 07 19 00-0848 LF 1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation .....	22.68	5.72
<i>For Work In Restricted Working Space, Add</i>	5.20	
22 07 19 00-0849 LF 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	23.50	5.80
<i>For Work In Restricted Working Space, Add</i>	5.27	
22 07 19 00-0850 LF 2" Diameter Pipe, 1" Thick Foamglas Insulation .....	25.09	5.96
<i>For Work In Restricted Working Space, Add</i>	5.42	
22 07 19 00-0851 LF 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation .....	27.04	6.20
<i>For Work In Restricted Working Space, Add</i>	5.64	
22 07 19 00-0852 LF 3" Diameter Pipe, 1" Thick Foamglas Insulation .....	29.20	6.36
<i>For Work In Restricted Working Space, Add</i>	5.79	
22 07 19 00-0853 LF 4" Diameter Pipe, 1" Thick Foamglas Insulation .....	33.81	6.85
<i>For Work In Restricted Working Space, Add</i>	6.23	
22 07 19 00-0854 LF 6" Diameter Pipe, 1" Thick Foamglas Insulation .....	43.15	7.72
<i>For Work In Restricted Working Space, Add</i>	7.02	
<b>22 07 19 00-0855</b> <b>1-1/2" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0843)</small>		
22 07 19 00-0856 LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	24.00	6.16
<i>For Work In Restricted Working Space, Add</i>	5.42	
22 07 19 00-0857 LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	24.54	6.16
<i>For Work In Restricted Working Space, Add</i>	5.42	
22 07 19 00-0858 LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	25.33	6.24
<i>For Work In Restricted Working Space, Add</i>	5.49	
22 07 19 00-0859 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	25.94	6.32
<i>For Work In Restricted Working Space, Add</i>	5.56	
22 07 19 00-0860 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	26.53	6.40
<i>For Work In Restricted Working Space, Add</i>	5.64	
22 07 19 00-0861 LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	28.82	6.62
<i>For Work In Restricted Working Space, Add</i>	5.82	
22 07 19 00-0862 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	32.71	6.87
<i>For Work In Restricted Working Space, Add</i>	6.05	
22 07 19 00-0863 LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	36.18	7.07
<i>For Work In Restricted Working Space, Add</i>	6.23	
22 07 19 00-0864 LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	41.03	7.53
<i>For Work In Restricted Working Space, Add</i>	6.63	
22 07 19 00-0865 LF 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	48.37	8.53
<i>For Work In Restricted Working Space, Add</i>	7.50	
22 07 19 00-0866 LF 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	54.10	9.51
<i>For Work In Restricted Working Space, Add</i>	8.37	
22 07 19 00-0867 LF 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	65.71	10.97
<i>For Work In Restricted Working Space, Add</i>	9.65	
22 07 19 00-0868 LF 12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	77.88	13.63
<i>For Work In Restricted Working Space, Add</i>	11.99	
22 07 19 00-0869 LF 14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	86.59	14.34
<i>For Work In Restricted Working Space, Add</i>	13.03	
22 07 19 00-0870 LF 16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	95.28	16.01
<i>For Work In Restricted Working Space, Add</i>	14.56	
22 07 19 00-0871 LF 18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	107.87	18.94
<i>For Work In Restricted Working Space, Add</i>	17.22	
22 07 19 00-0872 LF 20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation .....	120.54	20.97
<i>For Work In Restricted Working Space, Add</i>	19.07	
22 07 19 00-0873 LF 24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation .....	150.94	23.23
<i>For Work In Restricted Working Space, Add</i>	21.12	
<b>22 07 19 00-0874</b> <b>2" Thick Foamglas Pipe Insulation</b> <small>(22 07 19 00-0843)</small>		
22 07 19 00-0875 LF 1/2" Diameter Pipe, 2" Thick Foamglas Insulation .....	27.03	6.36
<i>For Work In Restricted Working Space, Add</i>	5.79	
22 07 19 00-0876 LF 3/4" Diameter Pipe, 2" Thick Foamglas Insulation .....	27.87	6.36
<i>For Work In Restricted Working Space, Add</i>	5.79	

**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0877	LF		1" Diameter Pipe, 2" Thick Foamglas Insulation	28.94	6.43
			<i>For Work In Restricted Working Space, Add</i>	5.86	
22 07 19 00-0878	LF		1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation	30.49	6.53
			<i>For Work In Restricted Working Space, Add</i>	5.93	
22 07 19 00-0879	LF		1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	32.07	6.61
			<i>For Work In Restricted Working Space, Add</i>	6.00	
22 07 19 00-0880	LF		2" Diameter Pipe, 2" Thick Foamglas Insulation	35.93	6.85
			<i>For Work In Restricted Working Space, Add</i>	6.23	
22 07 19 00-0881	LF		2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation	37.70	7.10
			<i>For Work In Restricted Working Space, Add</i>	6.44	
22 07 19 00-0882	LF		3" Diameter Pipe, 2" Thick Foamglas Insulation	40.49	7.32
			<i>For Work In Restricted Working Space, Add</i>	6.66	
22 07 19 00-0883	LF		4" Diameter Pipe, 2" Thick Foamglas Insulation	45.67	7.73
			<i>For Work In Restricted Working Space, Add</i>	7.03	
22 07 19 00-0884	LF		6" Diameter Pipe, 2" Thick Foamglas Insulation	54.71	8.78
			<i>For Work In Restricted Working Space, Add</i>	7.98	
22 07 19 00-0885	LF		8" Diameter Pipe, 2" Thick Foamglas Insulation	60.90	9.80
			<i>For Work In Restricted Working Space, Add</i>	8.90	
22 07 19 00-0886	LF		10" Diameter Pipe, 2" Thick Foamglas Insulation	74.23	11.29
			<i>For Work In Restricted Working Space, Add</i>	10.27	
22 07 19 00-0887	LF		12" Diameter Pipe, 2" Thick Foamglas Insulation	91.93	14.03
			<i>For Work In Restricted Working Space, Add</i>	12.76	
22 07 19 00-0888	LF		14" Diameter Pipe, 2" Thick Foamglas Insulation	98.16	15.32
			<i>For Work In Restricted Working Space, Add</i>	13.92	
22 07 19 00-0889	LF		16" Diameter Pipe, 2" Thick Foamglas Insulation	115.79	19.58
			<i>For Work In Restricted Working Space, Add</i>	17.80	
22 07 19 00-0890	LF		18" Diameter Pipe, 2" Thick Foamglas Insulation	126.38	20.55
			<i>For Work In Restricted Working Space, Add</i>	18.68	
22 07 19 00-0891	LF		20" Diameter Pipe, 2" Thick Foamglas Insulation	139.69	23.49
			<i>For Work In Restricted Working Space, Add</i>	21.36	
22 07 19 00-0892	LF		24" Diameter Pipe, 2" Thick Foamglas Insulation	175.40	28.38
			<i>For Work In Restricted Working Space, Add</i>	25.81	
<b>22 07 19 00-0893</b>			<b>2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0843)</b>		
22 07 19 00-0894	LF		1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	32.98	6.90
			<i>For Work In Restricted Working Space, Add</i>	6.28	
22 07 19 00-0895	LF		3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	34.38	6.89
			<i>For Work In Restricted Working Space, Add</i>	6.27	
22 07 19 00-0896	LF		1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	36.16	7.01
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 07 19 00-0897	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	37.75	7.06
			<i>For Work In Restricted Working Space, Add</i>	6.42	
22 07 19 00-0898	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	39.35	7.12
			<i>For Work In Restricted Working Space, Add</i>	6.47	
22 07 19 00-0899	LF		2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	42.22	7.40
			<i>For Work In Restricted Working Space, Add</i>	6.74	
22 07 19 00-0900	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	44.97	7.66
			<i>For Work In Restricted Working Space, Add</i>	6.97	
22 07 19 00-0901	LF		3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	48.90	7.93
			<i>For Work In Restricted Working Space, Add</i>	7.21	
22 07 19 00-0902	LF		4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	54.92	8.36
			<i>For Work In Restricted Working Space, Add</i>	7.61	
22 07 19 00-0903	LF		6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	65.74	9.51
			<i>For Work In Restricted Working Space, Add</i>	8.64	
22 07 19 00-0904	LF		8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	73.26	10.60
			<i>For Work In Restricted Working Space, Add</i>	9.64	
22 07 19 00-0905	LF		10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	83.56	12.22
			<i>For Work In Restricted Working Space, Add</i>	11.11	
22 07 19 00-0906	LF		12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	104.06	15.20
			<i>For Work In Restricted Working Space, Add</i>	13.81	
22 07 19 00-0907	LF		14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	108.36	16.59
			<i>For Work In Restricted Working Space, Add</i>	15.08	
22 07 19 00-0908	LF		16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	127.44	21.20
			<i>For Work In Restricted Working Space, Add</i>	19.27	
22 07 19 00-0909	LF		18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	138.74	22.25
			<i>For Work In Restricted Working Space, Add</i>	20.24	
22 07 19 00-0910	LF		20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	159.55	25.44
			<i>For Work In Restricted Working Space, Add</i>	23.13	
22 07 19 00-0911	LF		24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation	200.03	30.74
			<i>For Work In Restricted Working Space, Add</i>	27.94	
<b>22 07 19 00-0912</b>			<b>3" Thick Foamglas Pipe Insulation (22 07 19 00-0843)</b>		
22 07 19 00-0913	LF		1/2" Diameter Pipe, 3" Thick Foamglas Insulation	40.03	7.33
			<i>For Work In Restricted Working Space, Add</i>	6.67	
22 07 19 00-0914	LF		3/4" Diameter Pipe, 3" Thick Foamglas Insulation	40.89	7.33
			<i>For Work In Restricted Working Space, Add</i>	6.67	
22 07 19 00-0915	LF		1" Diameter Pipe, 3" Thick Foamglas Insulation	42.11	7.46
			<i>For Work In Restricted Working Space, Add</i>	6.78	
22 07 19 00-0916	LF		1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation	43.13	7.50
			<i>For Work In Restricted Working Space, Add</i>	6.83	
22 07 19 00-0917	LF		1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation	44.18	7.57
			<i>For Work In Restricted Working Space, Add</i>	6.88	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0918 LF 2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	47.54 7.17	7.88
22 07 19 00-0919 LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.75 7.41	8.16
22 07 19 00-0920 LF 3" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	57.84 7.67	8.44
22 07 19 00-0921 LF 4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	66.17 8.09	8.89
22 07 19 00-0922 LF 6" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	72.38 9.20	10.11
22 07 19 00-0923 LF 8" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	81.77 10.25	11.28
22 07 19 00-0924 LF 10" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	97.65 11.82	13.01
22 07 19 00-0925 LF 12" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	113.19 14.69	16.16
22 07 19 00-0926 LF 14" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	121.12 16.04	17.64
22 07 19 00-0927 LF 16" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	144.27 20.50	22.55
22 07 19 00-0928 LF 18" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	154.54 21.53	23.67
22 07 19 00-0929 LF 20" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	181.27 24.60	27.06
22 07 19 00-0930 LF 24" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	221.70 29.72	32.70
<b>22 07 19 00-0931 3-1/2" Thick Foamglas Pipe Insulation</b> (22 07 19 00-0843)		
22 07 19 00-0932 LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	48.20 8.09	8.89
22 07 19 00-0933 LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	49.28 8.09	8.89
22 07 19 00-0934 LF 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.53 8.14	8.95
22 07 19 00-0935 LF 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	51.77 8.19	9.01
22 07 19 00-0936 LF 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	53.20 8.30	9.12
22 07 19 00-0937 LF 2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	58.68 8.58	9.45
22 07 19 00-0938 LF 2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	64.22 8.88	9.77
22 07 19 00-0939 LF 3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	67.88 9.20	10.11
22 07 19 00-0940 LF 4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	72.73 9.72	10.69
22 07 19 00-0941 LF 6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	83.76 11.03	12.14
22 07 19 00-0942 LF 8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	95.31 12.29	13.52
22 07 19 00-0943 LF 10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	114.15 14.18	15.60
22 07 19 00-0944 LF 12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	134.64 17.63	19.39
22 07 19 00-0945 LF 14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	140.21 19.25	21.18
22 07 19 00-0946 LF 16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	167.63 24.60	27.06
22 07 19 00-0947 LF 18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	184.59 25.83	28.42
22 07 19 00-0948 LF 20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	210.13 29.54	32.50
22 07 19 00-0949 LF 24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	258.21 35.67	39.23
<b>22 07 19 00-0950 4" Thick Foamglas Pipe Insulation</b> (22 07 19 00-0843)		
22 07 19 00-0951 LF 1/2" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	58.67 9.94	10.94
22 07 19 00-0952 LF 3/4" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	60.05 9.94	10.94
22 07 19 00-0953 LF 1" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	62.01 10.11	11.12
22 07 19 00-0954 LF 1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	63.78 10.23	11.25
22 07 19 00-0955 LF 1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	66.24 10.55	11.61
22 07 19 00-0956 LF 2" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	71.72 10.88	11.96
22 07 19 00-0957 LF 2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	76.65 11.04	12.15
22 07 19 00-0958 LF 3" Diameter Pipe, 4" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	80.52 11.45	12.60



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0959	LF		4" Diameter Pipe, 4" Thick Foamglas Insulation .....	87.93	14.05
			<i>For Work In Restricted Working Space, Add</i>	12.77	
22 07 19 00-0960	LF		6" Diameter Pipe, 4" Thick Foamglas Insulation .....	102.02	15.07
			<i>For Work In Restricted Working Space, Add</i>	13.71	
22 07 19 00-0961	LF		8" Diameter Pipe, 4" Thick Foamglas Insulation .....	115.37	16.35
			<i>For Work In Restricted Working Space, Add</i>	14.87	
22 07 19 00-0962	LF		10" Diameter Pipe, 4" Thick Foamglas Insulation .....	131.94	19.44
			<i>For Work In Restricted Working Space, Add</i>	17.66	
22 07 19 00-0963	LF		12" Diameter Pipe, 4" Thick Foamglas Insulation .....	153.75	24.14
			<i>For Work In Restricted Working Space, Add</i>	21.94	
22 07 19 00-0964	LF		14" Diameter Pipe, 4" Thick Foamglas Insulation .....	167.15	26.35
			<i>For Work In Restricted Working Space, Add</i>	23.97	
22 07 19 00-0965	LF		16" Diameter Pipe, 4" Thick Foamglas Insulation .....	197.73	33.70
			<i>For Work In Restricted Working Space, Add</i>	30.64	
22 07 19 00-0966	LF		18" Diameter Pipe, 4" Thick Foamglas Insulation .....	220.59	35.32
			<i>For Work In Restricted Working Space, Add</i>	32.11	
22 07 19 00-0967	LF		20" Diameter Pipe, 4" Thick Foamglas Insulation .....	247.05	40.42
			<i>For Work In Restricted Working Space, Add</i>	36.75	
22 07 19 00-0968	LF		24" Diameter Pipe, 4" Thick Foamglas Insulation .....	314.03	48.84
			<i>For Work In Restricted Working Space, Add</i>	44.39	
22 07 19 00-0969			<b>Flexible Polyethylene Tubing Closed Cell Foam Insulation</b> <small>(22 07 19)</small>		
			Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0970			<b>3/8" Wall Flexible Polyethylene Tubing Foam Insulation</b> <small>(22 07 19 00-0969)</small>		
22 07 19 00-0971	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	7.33	3.40
			<i>For Work In Restricted Working Space, Add</i>	2.05	
22 07 19 00-0972	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	7.35	3.40
			<i>For Work In Restricted Working Space, Add</i>	2.05	
22 07 19 00-0973	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	7.65	3.53
			<i>For Work In Restricted Working Space, Add</i>	2.12	
22 07 19 00-0974	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	7.97	3.65
			<i>For Work In Restricted Working Space, Add</i>	2.19	
22 07 19 00-0975	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.28	3.72
			<i>For Work In Restricted Working Space, Add</i>	2.22	
22 07 19 00-0976	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.65	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-0977	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.80	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.27	
22 07 19 00-0978	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.23	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-0979	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	10.05	3.89
			<i>For Work In Restricted Working Space, Add</i>	2.35	
22 07 19 00-0980	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	10.41	3.95
			<i>For Work In Restricted Working Space, Add</i>	2.39	
22 07 19 00-0981			<b>1/2" Wall Flexible Polyethylene Tubing Foam Insulation</b> <small>(22 07 19 00-0969)</small>		
22 07 19 00-0982	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.16	3.72
			<i>For Work In Restricted Working Space, Add</i>	2.22	
22 07 19 00-0983	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.26	3.72
			<i>For Work In Restricted Working Space, Add</i>	2.24	
22 07 19 00-0984	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.41	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-0985	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	8.58	3.80
			<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-0986	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.04	3.89
			<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-0987	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.44	3.95
			<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-0988	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.88	4.01
			<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-0989	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	10.44	4.07
			<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-0990	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	11.38	4.19
			<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-0991	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	12.38	4.25
			<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-0992	LF		3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	13.32	4.31
			<i>For Work In Restricted Working Space, Add</i>	2.58	
22 07 19 00-0993	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	13.88	4.36
			<i>For Work In Restricted Working Space, Add</i>	2.62	
22 07 19 00-0994			<b>3/4" Wall Flexible Polyethylene Tubing Foam Insulation</b> <small>(22 07 19 00-0969)</small>		
22 07 19 00-0995	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.13	4.01
			<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-0996	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.25	4.07
			<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-0997	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	9.88	4.19
			<i>For Work In Restricted Working Space, Add</i>	2.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0998 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.16	4.25
<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-0999 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.95	4.36
<i>For Work In Restricted Working Space, Add</i>	2.62	
22 07 19 00-1000 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	11.78	4.43
<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1001 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	12.15	4.45
<i>For Work In Restricted Working Space, Add</i>	2.67	
22 07 19 00-1002 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.68	4.49
<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-1003 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	15.79	4.60
<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1004 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	15.90	4.67
<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1005 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	17.42	4.72
<i>For Work In Restricted Working Space, Add</i>	2.84	
22 07 19 00-1006 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	18.05	4.78
<i>For Work In Restricted Working Space, Add</i>	2.87	
<b>22 07 19 00-1007 1" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0969)</b>		
22 07 19 00-1008 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.43	4.43
<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1009 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	10.71	4.49
<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-1010 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.63	4.60
<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1011 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	11.90	4.67
<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1012 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	13.29	4.78
<i>For Work In Restricted Working Space, Add</i>	2.87	
22 07 19 00-1013 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	13.97	4.90
<i>For Work In Restricted Working Space, Add</i>	2.94	
22 07 19 00-1014 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	14.24	4.96
<i>For Work In Restricted Working Space, Add</i>	2.98	
22 07 19 00-1015 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	15.60	5.02
<i>For Work In Restricted Working Space, Add</i>	3.02	
22 07 19 00-1016 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation .....	16.54	5.15
<i>For Work In Restricted Working Space, Add</i>	3.08	
22 07 19 00-1017 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation.....	17.38	5.21
<i>For Work In Restricted Working Space, Add</i>	3.12	
<b>22 07 19 00-1018 Flexible Elastomeric Tubing Closed Cell Foam Insulation (22 07 19)</b>		
Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
<b>22 07 19 00-1019 3/8" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-1018)</b>		
22 07 19 00-1020 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.56	3.40
<i>For Work In Restricted Working Space, Add</i>	2.05	
22 07 19 00-1021 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.69	3.40
<i>For Work In Restricted Working Space, Add</i>	2.05	
22 07 19 00-1022 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	7.99	3.53
<i>For Work In Restricted Working Space, Add</i>	2.12	
22 07 19 00-1023 LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.18	3.58
<i>For Work In Restricted Working Space, Add</i>	2.15	
22 07 19 00-1024 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	8.37	3.65
<i>For Work In Restricted Working Space, Add</i>	2.19	
22 07 19 00-1025 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	8.62	3.72
<i>For Work In Restricted Working Space, Add</i>	2.22	
22 07 19 00-1026 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	8.86	3.77
<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-1027 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	9.08	3.77
<i>For Work In Restricted Working Space, Add</i>	2.27	
22 07 19 00-1028 LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	9.29	3.77
<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-1029 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	9.49	3.83
<i>For Work In Restricted Working Space, Add</i>	2.30	
22 07 19 00-1030 LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	9.79	3.89
<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-1031 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	10.05	3.89
<i>For Work In Restricted Working Space, Add</i>	2.35	
22 07 19 00-1032 LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation.....	10.23	3.95
<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-1033 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	10.49	3.95
<i>For Work In Restricted Working Space, Add</i>	2.39	
22 07 19 00-1034 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	11.07	4.01
<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-1035 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	11.74	4.07
<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-1036 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation .....	12.47	4.09
<i>For Work In Restricted Working Space, Add</i>	2.46	
<b>22 07 19 00-1037 1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-1018)</b>		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1038	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.53	3.72	
		<i>For Work In Restricted Working Space, Add</i>	2.22		
22 07 19 00-1039	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.65	3.72	
		<i>For Work In Restricted Working Space, Add</i>	2.24		
22 07 19 00-1040	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.78	3.77	
		<i>For Work In Restricted Working Space, Add</i>	2.26		
22 07 19 00-1041	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.97	3.77	
		<i>For Work In Restricted Working Space, Add</i>	2.27		
22 07 19 00-1042	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.11	3.77	
		<i>For Work In Restricted Working Space, Add</i>	2.28		
22 07 19 00-1043	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.47	3.89	
		<i>For Work In Restricted Working Space, Add</i>	2.33		
22 07 19 00-1044	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.83	3.95	
		<i>For Work In Restricted Working Space, Add</i>	2.37		
22 07 19 00-1045	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.14	4.01	
		<i>For Work In Restricted Working Space, Add</i>	2.41		
22 07 19 00-1046	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.45	4.05	
		<i>For Work In Restricted Working Space, Add</i>	2.42		
22 07 19 00-1047	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.70	4.07	
		<i>For Work In Restricted Working Space, Add</i>	2.44		
22 07 19 00-1048	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.66	4.14	
		<i>For Work In Restricted Working Space, Add</i>	2.48		
22 07 19 00-1049	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.23	4.19	
		<i>For Work In Restricted Working Space, Add</i>	2.51		
22 07 19 00-1050	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.66	4.23	
		<i>For Work In Restricted Working Space, Add</i>	2.53		
22 07 19 00-1051	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.03	4.25	
		<i>For Work In Restricted Working Space, Add</i>	2.55		
22 07 19 00-1052	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.29	4.28	
		<i>For Work In Restricted Working Space, Add</i>	2.57		
22 07 19 00-1053	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.53	4.31	
		<i>For Work In Restricted Working Space, Add</i>	2.58		
22 07 19 00-1054	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.62	4.36	
		<i>For Work In Restricted Working Space, Add</i>	2.62		
22 07 19 00-1055	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.88	4.40	
		<i>For Work In Restricted Working Space, Add</i>	2.64		
22 07 19 00-1056	LF	5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.95	4.43	
		<i>For Work In Restricted Working Space, Add</i>	2.66		
22 07 19 00-1057	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.22	4.54	
		<i>For Work In Restricted Working Space, Add</i>	2.73		
22 07 19 00-1058	LF	8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.62	4.67	
		<i>For Work In Restricted Working Space, Add</i>	2.80		
<b>22 07 19 00-1059</b>		<b>3/4" Wall Flexible Elastomeric Tubing Foam Insulation</b> <small>(22 07 19 00-1018)</small>			
22 07 19 00-1060	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.81	4.01	
		<i>For Work In Restricted Working Space, Add</i>	2.41		
22 07 19 00-1061	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.09	4.07	
		<i>For Work In Restricted Working Space, Add</i>	2.44		
22 07 19 00-1062	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.49	4.19	
		<i>For Work In Restricted Working Space, Add</i>	2.51		
22 07 19 00-1063	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.74	4.23	
		<i>For Work In Restricted Working Space, Add</i>	2.53		
22 07 19 00-1064	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.85	4.25	
		<i>For Work In Restricted Working Space, Add</i>	2.55		
22 07 19 00-1065	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.44	4.36	
		<i>For Work In Restricted Working Space, Add</i>	2.62		
22 07 19 00-1066	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.92	4.43	
		<i>For Work In Restricted Working Space, Add</i>	2.66		
22 07 19 00-1067	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.39	4.49	
		<i>For Work In Restricted Working Space, Add</i>	2.69		
22 07 19 00-1068	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.52	4.49	
		<i>For Work In Restricted Working Space, Add</i>	2.69		
22 07 19 00-1069	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.71	4.52	
		<i>For Work In Restricted Working Space, Add</i>	2.71		
22 07 19 00-1070	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.27	4.54	
		<i>For Work In Restricted Working Space, Add</i>	2.73		
22 07 19 00-1071	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.57	4.60	
		<i>For Work In Restricted Working Space, Add</i>	2.76		
22 07 19 00-1072	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.22	4.63	
		<i>For Work In Restricted Working Space, Add</i>	2.78		
22 07 19 00-1073	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.65	4.67	
		<i>For Work In Restricted Working Space, Add</i>	2.80		
22 07 19 00-1074	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.33	4.70	
		<i>For Work In Restricted Working Space, Add</i>	2.82		
22 07 19 00-1075	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	15.60	4.72	
		<i>For Work In Restricted Working Space, Add</i>	2.84		
22 07 19 00-1076	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	16.61	4.78	
		<i>For Work In Restricted Working Space, Add</i>	2.87		
22 07 19 00-1077	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	17.43	4.81	
		<i>For Work In Restricted Working Space, Add</i>	2.89		
22 07 19 00-1078	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	18.77	4.84	
		<i>For Work In Restricted Working Space, Add</i>	2.90		



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-1079 LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.22 2.94	4.90
22 07 19 00-1080 LF 8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	21.97 3.02	5.02
<b>22 07 19 00-1081 1" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-1018)</b>		
22 07 19 00-1082 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.48 2.66	4.42
22 07 19 00-1083 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	11.81 2.69	4.49
22 07 19 00-1084 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.25 2.76	4.60
22 07 19 00-1085 LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.61 2.78	4.63
22 07 19 00-1086 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	12.92 2.80	4.67
22 07 19 00-1087 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.49 2.87	4.78
22 07 19 00-1088 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.35 2.94	4.90
22 07 19 00-1089 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.78 2.98	4.90
22 07 19 00-1090 LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.36 3.00	4.96
22 07 19 00-1091 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.58 3.02	5.02
22 07 19 00-1092 LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	16.83 3.05	5.10
22 07 19 00-1093 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.80 3.08	5.15
22 07 19 00-1094 LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.04 3.11	5.19
22 07 19 00-1095 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.41 3.12	5.21
22 07 19 00-1096 LF 3" IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.05 3.14	5.24
22 07 19 00-1097 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.37 3.16	5.27
22 07 19 00-1098 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	22.74 3.23	5.39
22 07 19 00-1099 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	24.34 3.27	5.45
22 07 19 00-1100 LF 5" IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	26.71 3.30	5.50
22 07 19 00-1101 LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	29.21 3.37	5.63
<b>22 07 19 00-1102 1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-1018)</b>		
22 07 19 00-1103 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.38 2.97	4.95
22 07 19 00-1104 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.82 3.04	5.06
22 07 19 00-1105 LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	18.18 3.06	5.10
22 07 19 00-1106 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	18.56 3.07	5.14
22 07 19 00-1107 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.07 3.14	5.25
22 07 19 00-1108 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.93 3.26	5.45
22 07 19 00-1109 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	21.10 3.29	5.37
22 07 19 00-1110 LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	22.12 3.33	5.49
22 07 19 00-1111 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	22.74 3.37	5.63
22 07 19 00-1112 LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	24.70 3.41	5.70
22 07 19 00-1113 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	26.54 3.44	5.76
22 07 19 00-1114 LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	27.40 3.47	5.79
22 07 19 00-1115 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	28.27 3.49	5.80
22 07 19 00-1116 LF 3" IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	29.27 3.50	5.83
22 07 19 00-1117 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	29.91 3.52	5.85
22 07 19 00-1118 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	33.37 3.63	6.07
22 07 19 00-1119 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation ..... <i>For Work In Restricted Working Space, Add</i>	35.24 3.69	6.16



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 07 19 00-1120	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.70		6.25
		<i>For Work In Restricted Working Space, Add</i>	3.75		
22 07 19 00-1121	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	44.15		6.44
		<i>For Work In Restricted Working Space, Add</i>	3.86		
<b>22 07 19 00-1122</b>		<b>2" Wall Flexible Elastomeric Tubing Foam Insulation</b> <small>(22 07 19 00-1018)</small>			
22 07 19 00-1123	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.01		5.47
		<i>For Work In Restricted Working Space, Add</i>	3.28		
22 07 19 00-1124	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	25.99		5.55
		<i>For Work In Restricted Working Space, Add</i>	3.35		
22 07 19 00-1125	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	27.65		5.59
		<i>For Work In Restricted Working Space, Add</i>	3.36		
22 07 19 00-1126	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	28.22		5.64
		<i>For Work In Restricted Working Space, Add</i>	3.37		
22 07 19 00-1127	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	29.64		5.75
		<i>For Work In Restricted Working Space, Add</i>	3.44		
22 07 19 00-1128	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	31.39		6.02
		<i>For Work In Restricted Working Space, Add</i>	3.61		
22 07 19 00-1129	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	32.42		5.88
		<i>For Work In Restricted Working Space, Add</i>	3.63		
22 07 19 00-1130	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	34.25		6.08
		<i>For Work In Restricted Working Space, Add</i>	3.71		
22 07 19 00-1131	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	36.01		6.28
		<i>For Work In Restricted Working Space, Add</i>	3.78		
22 07 19 00-1132	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	37.18		6.36
		<i>For Work In Restricted Working Space, Add</i>	3.81		
22 07 19 00-1133	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.58		6.44
		<i>For Work In Restricted Working Space, Add</i>	3.84		
22 07 19 00-1134	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	39.88		6.45
		<i>For Work In Restricted Working Space, Add</i>	3.87		
22 07 19 00-1135	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	42.12		6.46
		<i>For Work In Restricted Working Space, Add</i>	3.89		
22 07 19 00-1136	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	43.68		6.50
		<i>For Work In Restricted Working Space, Add</i>	3.90		
22 07 19 00-1137	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	45.34		6.53
		<i>For Work In Restricted Working Space, Add</i>	3.91		
22 07 19 00-1138	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	50.89		6.84
		<i>For Work In Restricted Working Space, Add</i>	4.09		
22 07 19 00-1139	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	54.11		6.97
		<i>For Work In Restricted Working Space, Add</i>	4.18		
22 07 19 00-1140	LF	5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	55.08		7.11
		<i>For Work In Restricted Working Space, Add</i>	4.27		
22 07 19 00-1141	LF	6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	61.76		7.39
		<i>For Work In Restricted Working Space, Add</i>	4.43		
<b>22 07 19 00-1142</b>		<b>Flexible Polyolefin Tubing Closed Cell Foam Insulation</b> <small>(22 07 19)</small>			
		Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.			
<b>22 07 19 00-1143</b>		<b>3/8" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-1142)</small>			
22 07 19 00-1144	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.41		3.40
		<i>For Work In Restricted Working Space, Add</i>	2.05		
22 07 19 00-1145	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.51		3.40
		<i>For Work In Restricted Working Space, Add</i>	2.05		
22 07 19 00-1146	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	7.78		3.53
		<i>For Work In Restricted Working Space, Add</i>	2.12		
22 07 19 00-1147	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.13		3.65
		<i>For Work In Restricted Working Space, Add</i>	2.19		
22 07 19 00-1148	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.34		3.72
		<i>For Work In Restricted Working Space, Add</i>	2.22		
22 07 19 00-1149	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.74		3.77
		<i>For Work In Restricted Working Space, Add</i>	2.26		
22 07 19 00-1150	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.04		3.77
		<i>For Work In Restricted Working Space, Add</i>	2.27		
22 07 19 00-1151	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	9.27		3.89
		<i>For Work In Restricted Working Space, Add</i>	2.28		
22 07 19 00-1152	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	10.23		3.89
		<i>For Work In Restricted Working Space, Add</i>	2.35		
22 07 19 00-1153	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	11.10		3.95
		<i>For Work In Restricted Working Space, Add</i>	2.39		
22 07 19 00-1154	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	13.35		4.07
		<i>For Work In Restricted Working Space, Add</i>	2.44		
<b>22 07 19 00-1155</b>		<b>1/2" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-1142)</small>			
22 07 19 00-1156	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.32		3.72
		<i>For Work In Restricted Working Space, Add</i>	2.22		
22 07 19 00-1157	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.40		3.72
		<i>For Work In Restricted Working Space, Add</i>	2.24		
22 07 19 00-1158	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation	8.58		3.77
		<i>For Work In Restricted Working Space, Add</i>	2.26		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1159 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	8.82	3.77
<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-1160 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.11	3.89
<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-1161 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	9.55	3.95
<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-1162 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	10.02	4.01
<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-1163 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	10.49	4.07
<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-1164 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	11.52	4.19
<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-1165 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	12.45	4.25
<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-1166 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	14.21	4.36
<i>For Work In Restricted Working Space, Add</i>	2.62	
<b>22 07 19 00-1167 3/4" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-1142)</small>		
22 07 19 00-1168 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.38	4.01
<i>For Work In Restricted Working Space, Add</i>	2.41	
22 07 19 00-1169 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	9.72	4.07
<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-1170 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	10.11	4.19
<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-1171 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	10.74	4.25
<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-1172 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.32	4.36
<i>For Work In Restricted Working Space, Add</i>	2.62	
22 07 19 00-1173 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	12.35	4.43
<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1174 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	13.01	4.43
<i>For Work In Restricted Working Space, Add</i>	2.67	
22 07 19 00-1175 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	13.78	4.49
<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-1176 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	15.25	4.60
<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1177 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	16.58	4.67
<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1178 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	19.16	4.78
<i>For Work In Restricted Working Space, Add</i>	2.87	
<b>22 07 19 00-1179 1" Wall Flexible Polyolefin Tubing Foam Insulation</b> <small>(22 07 19 00-1142)</small>		
22 07 19 00-1180 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.23	4.43
<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1181 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.40	4.49
<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-1182 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	11.80	4.60
<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1183 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	12.71	4.67
<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1184 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	13.47	4.78
<i>For Work In Restricted Working Space, Add</i>	2.87	
22 07 19 00-1185 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	14.24	4.90
<i>For Work In Restricted Working Space, Add</i>	2.94	
22 07 19 00-1186 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	14.99	4.90
<i>For Work In Restricted Working Space, Add</i>	2.98	
22 07 19 00-1187 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	16.70	5.02
<i>For Work In Restricted Working Space, Add</i>	3.02	
22 07 19 00-1188 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation .....	18.96	5.15
<i>For Work In Restricted Working Space, Add</i>	3.08	
22 07 19 00-1189 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation.....	20.59	5.21
<i>For Work In Restricted Working Space, Add</i>	3.12	
<b>22 07 19 00-1190 Flexible Elastomeric Unicellular Insulation</b> <small>(22 07 19)</small>		
Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
<b>22 07 19 00-1191 3/8" Wall Flexible Elastomeric Unicellular Insulation</b> <small>(22 07 19 00-1190)</small>		
22 07 19 00-1192 LF 3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	8.47	3.40
<i>For Work In Restricted Working Space, Add</i>	2.04	
22 07 19 00-1193 LF 1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	8.98	3.53
<i>For Work In Restricted Working Space, Add</i>	2.12	
22 07 19 00-1194 LF 3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	9.43	3.66
<i>For Work In Restricted Working Space, Add</i>	2.19	
22 07 19 00-1195 LF 1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	9.83	3.72
<i>For Work In Restricted Working Space, Add</i>	2.22	
22 07 19 00-1196 LF 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	10.28	3.77
<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-1197 LF 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation .....	10.97	3.80
<i>For Work In Restricted Working Space, Add</i>	2.27	



**22 Plumbing****22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-1198	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	11.81	3.90
		<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-1199	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	13.93	3.92
		<i>For Work In Restricted Working Space, Add</i>	2.35	
22 07 19 00-1200	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	15.44	3.98
		<i>For Work In Restricted Working Space, Add</i>	2.39	
<b>22 07 19 00-1201</b>		<b>1/2" Wall Flexible Elastomeric Unicellular Insulation</b> <small>(22 07 19 00-1190)</small>		
22 07 19 00-1202	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.83	3.66
		<i>For Work In Restricted Working Space, Add</i>	2.19	
22 07 19 00-1203	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.32	3.77
		<i>For Work In Restricted Working Space, Add</i>	2.26	
22 07 19 00-1204	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.68	3.77
		<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-1205	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.24	3.89
		<i>For Work In Restricted Working Space, Add</i>	2.33	
22 07 19 00-1206	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.70	3.95
		<i>For Work In Restricted Working Space, Add</i>	2.37	
22 07 19 00-1207	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.40	4.01
		<i>For Work In Restricted Working Space, Add</i>	2.47	
22 07 19 00-1208	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	13.74	4.07
		<i>For Work In Restricted Working Space, Add</i>	2.44	
22 07 19 00-1209	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	15.93	4.19
		<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-1210	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	17.38	4.25
		<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-1211	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	20.31	4.31
		<i>For Work In Restricted Working Space, Add</i>	2.58	
22 07 19 00-1212	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	21.68	4.36
		<i>For Work In Restricted Working Space, Add</i>	2.62	
<b>22 07 19 00-1213</b>		<b>3/4" Wall Flexible Elastomeric Unicellular Insulation</b> <small>(22 07 19 00-1190)</small>		
22 07 19 00-1214	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	11.84	3.99
		<i>For Work In Restricted Working Space, Add</i>	2.39	
22 07 19 00-1215	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	12.59	4.19
		<i>For Work In Restricted Working Space, Add</i>	2.51	
22 07 19 00-1216	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	13.54	4.25
		<i>For Work In Restricted Working Space, Add</i>	2.55	
22 07 19 00-1217	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	14.88	4.37
		<i>For Work In Restricted Working Space, Add</i>	2.62	
22 07 19 00-1218	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	15.88	4.43
		<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1219	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	18.30	4.49
		<i>For Work In Restricted Working Space, Add</i>	2.69	
22 07 19 00-1220	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	20.39	4.52
		<i>For Work In Restricted Working Space, Add</i>	2.71	
22 07 19 00-1221	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	23.54	4.61
		<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1222	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	25.72	4.67
		<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1223	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	29.33	4.72
		<i>For Work In Restricted Working Space, Add</i>	2.84	
22 07 19 00-1224	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	30.98	4.78
		<i>For Work In Restricted Working Space, Add</i>	2.87	
<b>22 07 19 00-1225</b>		<b>1" Wall Flexible Elastomeric Unicellular Insulation</b> <small>(22 07 19 00-1190)</small>		
22 07 19 00-1226	LF	3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	15.93	4.43
		<i>For Work In Restricted Working Space, Add</i>	2.66	
22 07 19 00-1227	LF	1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	16.75	4.61
		<i>For Work In Restricted Working Space, Add</i>	2.76	
22 07 19 00-1228	LF	3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	18.62	4.67
		<i>For Work In Restricted Working Space, Add</i>	2.80	
22 07 19 00-1229	LF	1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	20.87	4.78
		<i>For Work In Restricted Working Space, Add</i>	2.87	
22 07 19 00-1230	LF	1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	22.90	4.90
		<i>For Work In Restricted Working Space, Add</i>	2.94	
22 07 19 00-1231	LF	1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	24.43	4.96
		<i>For Work In Restricted Working Space, Add</i>	2.98	
22 07 19 00-1232	LF	2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	27.51	5.02
		<i>For Work In Restricted Working Space, Add</i>	3.02	
22 07 19 00-1233	LF	2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	34.93	5.15
		<i>For Work In Restricted Working Space, Add</i>	3.08	
22 07 19 00-1234	LF	3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	40.29	5.21
		<i>For Work In Restricted Working Space, Add</i>	3.12	
22 07 19 00-1235	LF	3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	43.17	5.27
		<i>For Work In Restricted Working Space, Add</i>	3.16	
22 07 19 00-1236	LF	4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	49.10	5.39
		<i>For Work In Restricted Working Space, Add</i>	3.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 22 10 Plumbing Piping<sup>(22)</sup>

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

### 22 11 Facility Water Distribution<sup>(22 10)</sup>

#### 22 11 16 Domestic Water Piping<sup>(22 11)</sup>

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

#### 22 11 16 00-0001 Galvanized Steel Pipe Assemblies<sup>(22 11 16)</sup>

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.

22 11 16 00-0002	LF	1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	20.69		4.24
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-0.99		
		<i>For Work In Restricted Working Space, Add</i>	4.22		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	5.80		
22 11 16 00-0003	LF	3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	23.05		4.55
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-1.23		
		<i>For Work In Restricted Working Space, Add</i>	4.46		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	6.66		
22 11 16 00-0004	LF	1" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	26.78		4.98
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-1.63		
		<i>For Work In Restricted Working Space, Add</i>	4.77		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	8.08		
22 11 16 00-0005	LF	1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	32.25		5.19
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-2.31		
		<i>For Work In Restricted Working Space, Add</i>	5.06		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	10.29		
22 11 16 00-0006	LF	1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	35.11		6.15
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-2.63		
		<i>For Work In Restricted Working Space, Add</i>	5.28		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	11.40		
22 11 16 00-0007	LF	2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	42.90		7.41
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-3.43		
		<i>For Work In Restricted Working Space, Add</i>	6.01		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	14.30		
22 11 16 00-0008	LF	2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	62.72		8.79
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-5.89		
		<i>For Work In Restricted Working Space, Add</i>	7.04		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	22.35		
22 11 16 00-0009	LF	3" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	78.45		11.76
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-7.50		
		<i>For Work In Restricted Working Space, Add</i>	8.54		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	28.19		
22 11 16 00-0010	LF	4" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	118.09		14.10
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-12.77		
		<i>For Work In Restricted Working Space, Add</i>	9.88		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	44.91		
22 11 16 00-0011	LF	5" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	204.29		18.02
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-24.68		
		<i>For Work In Restricted Working Space, Add</i>	11.94		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	81.98		
22 11 16 00-0012	LF	6" Schedule 40 Threaded Galvanized Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly .....	235.59		21.31
		Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.			
		<i>For ASTM 120, Deduct</i>	-28.56		
		<i>For Work In Restricted Working Space, Add</i>	13.56		
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>	94.71		

#### 22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings<sup>(22 11 16)</sup>

Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.

**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 11 Facility Water Distribution**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0014		<b>Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe</b> <small>(22 11 16 00-0013)</small>		
		Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0015	LF	1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	10.48	4.24
		For ASTM 120, Deduct	-0.61	
		For Work In Restricted Working Space, Add	1.93	
		For Schedule 80 Pipe, Add	2.59	
22 11 16 00-0016	LF	3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	12.21	4.55
		For ASTM 120, Deduct	-0.81	
		For Work In Restricted Working Space, Add	2.05	
		For Schedule 80 Pipe, Add	3.26	
22 11 16 00-0017	LF	1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	15.37	4.98
		For ASTM 120, Deduct	-1.20	
		For Work In Restricted Working Space, Add	2.22	
		For Schedule 80 Pipe, Add	4.57	
22 11 16 00-0018	LF	1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	18.64	5.19
		For ASTM 120, Deduct	-1.62	
		For Work In Restricted Working Space, Add	2.36	
		For Schedule 80 Pipe, Add	5.96	
22 11 16 00-0019	LF	1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	22.12	6.15
		For ASTM 120, Deduct	-1.94	
		For Work In Restricted Working Space, Add	2.77	
		For Schedule 80 Pipe, Add	7.11	
22 11 16 00-0020	LF	2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	28.47	7.41
		For ASTM 120, Deduct	-2.60	
		For Work In Restricted Working Space, Add	3.35	
		For Schedule 80 Pipe, Add	9.43	
22 11 16 00-0021	LF	2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	40.72	8.79
		For ASTM 120, Deduct	-4.12	
		For Work In Restricted Working Space, Add	3.98	
		For Schedule 80 Pipe, Add	14.51	
22 11 16 00-0022	LF	3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	53.63	11.76
		For ASTM 120, Deduct	-5.40	
		For Work In Restricted Working Space, Add	5.30	
		For Schedule 80 Pipe, Add	19.03	
22 11 16 00-0023	LF	4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	72.40	14.10
		For ASTM 120, Deduct	-7.68	
		For Work In Restricted Working Space, Add	6.36	
		For Schedule 80 Pipe, Add	26.70	
22 11 16 00-0024	LF	5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	95.65	18.02
		For ASTM 120, Deduct	-10.30	
		For Work In Restricted Working Space, Add	8.09	
		For Schedule 80 Pipe, Add	35.66	
22 11 16 00-0025	LF	6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	120.98	21.31
		For ASTM 120, Deduct	-13.36	
		For Work In Restricted Working Space, Add	9.57	
		For Schedule 80 Pipe, Add	45.94	
22 11 16 00-0026	LF	8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....	134.78	25.76
		For ASTM 120, Deduct	-14.43	
		For Work In Restricted Working Space, Add	11.57	
		For Schedule 80 Pipe, Add	50.05	
22 11 16 00-0027		<b>Seamless, Threaded And Coupled, Galvanized Steel Pipe</b> <small>(22 11 16 00-0013)</small>		
		Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0028	LF	1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	15.38	4.24
		For ASTM 120, Deduct	-1.34	
		For Work In Restricted Working Space, Add	1.93	
		For Schedule 80 Pipe, Add	4.94	
22 11 16 00-0029	LF	3/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	17.58	4.55
		For ASTM 120, Deduct	-1.61	
		For Work In Restricted Working Space, Add	2.05	
		For Schedule 80 Pipe, Add	5.84	
22 11 16 00-0030	LF	1" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	19.89	4.98
		For ASTM 120, Deduct	-1.87	
		For Work In Restricted Working Space, Add	2.22	
		For Schedule 80 Pipe, Add	6.74	
22 11 16 00-0031	LF	1-1/4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	23.55	5.19
		For ASTM 120, Deduct	-2.36	
		For Work In Restricted Working Space, Add	2.36	
		For Schedule 80 Pipe, Add	8.32	
22 11 16 00-0032	LF	1-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	27.14	6.15
		For ASTM 120, Deduct	-2.69	
		For Work In Restricted Working Space, Add	2.77	
		For Schedule 80 Pipe, Add	9.52	
22 11 16 00-0033	LF	2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	31.56	7.41
		For ASTM 120, Deduct	-3.06	
		For Work In Restricted Working Space, Add	3.35	
		For Schedule 80 Pipe, Add	10.91	
22 11 16 00-0034	LF	2-1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	47.41	8.79
		For ASTM 120, Deduct	-5.12	
		For Work In Restricted Working Space, Add	3.98	
		For Schedule 80 Pipe, Add	17.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0035 LF 3" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	59.44	11.76
For ASTM 120, Deduct	-6.27	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Pipe, Add	21.82	
22 11 16 00-0036 LF 4" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	80.92	14.10
For ASTM 120, Deduct	-8.96	
For Work In Restricted Working Space, Add	6.36	
For Schedule 80 Pipe, Add	30.79	
22 11 16 00-0037 LF 5" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	104.94	18.02
For ASTM 120, Deduct	-11.69	
For Work In Restricted Working Space, Add	8.09	
For Schedule 80 Pipe, Add	40.12	
22 11 16 00-0038 LF 6" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....	131.63	21.31
For ASTM 120, Deduct	-14.96	
For Work In Restricted Working Space, Add	9.57	
For Schedule 80 Pipe, Add	51.06	
<b>22 11 16 00-0039 Galvanized Malleable Iron 90 Degree Elbows</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0040 EA 1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	32.70	18.86
For 300 Lb. Rating, Add	16.79	
For ASTM 120, Deduct	-0.67	
For Work In Restricted Working Space, Add	8.48	
22 11 16 00-0041 EA 3/4", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	37.08	21.09
For 300 Lb. Rating, Add	20.46	
For ASTM 120, Deduct	-0.82	
For Work In Restricted Working Space, Add	9.49	
22 11 16 00-0042 EA 1", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	45.43	23.52
For 300 Lb. Rating, Add	36.49	
For ASTM 120, Deduct	-1.52	
For Work In Restricted Working Space, Add	10.60	
22 11 16 00-0043 EA 1-1/4", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	55.96	26.70
For 300 Lb. Rating, Add	56.73	
For ASTM 120, Deduct	-2.40	
For Work In Restricted Working Space, Add	11.99	
22 11 16 00-0044 EA 1-1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	65.93	30.09
For 300 Lb. Rating, Add	73.59	
For ASTM 120, Deduct	-3.13	
For Work In Restricted Working Space, Add	13.52	
22 11 16 00-0045 EA 2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	91.43	38.25
For 300 Lb. Rating, Add	119.58	
For ASTM 120, Deduct	-5.12	
For Work In Restricted Working Space, Add	17.18	
22 11 16 00-0046 EA 2-1/2", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	174.13	56.58
For 300 Lb. Rating, Add	308.94	
For ASTM 120, Deduct	-13.41	
For Work In Restricted Working Space, Add	25.43	
22 11 16 00-0047 EA 3", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	258.88	74.38
For 300 Lb. Rating, Add	507.68	
For ASTM 120, Deduct	-22.10	
For Work In Restricted Working Space, Add	33.46	
22 11 16 00-0048 EA 4", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	383.56	82.47
For 300 Lb. Rating, Add	891.05	
For ASTM 120, Deduct	-38.98	
For Work In Restricted Working Space, Add	37.10	
22 11 16 00-0049 EA 5", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	1,251.38	86.07
For 300 Lb. Rating, Add	3,823.67	
For ASTM 120, Deduct	-168.35	
For Work In Restricted Working Space, Add	38.72	
22 11 16 00-0050 EA 6", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	1,169.58	90.00
For 300 Lb. Rating, Add	3,525.94	
For ASTM 120, Deduct	-155.20	
For Work In Restricted Working Space, Add	40.48	
22 11 16 00-0051 EA 8", 150 Lb., Galvanized Malleable Iron 90 Degree Elbow .....	1,389.24	94.04
For 300 Lb. Rating, Add	4,252.51	
For ASTM 120, Deduct	-187.24	
For Work In Restricted Working Space, Add	42.30	
<b>22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0053 EA 3/4" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	39.43	19.92
For ASTM 120, Deduct	-1.42	
For Work In Restricted Working Space, Add	8.98	
22 11 16 00-0054 EA 1" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	45.65	22.35
For ASTM 120, Deduct	-1.83	
For Work In Restricted Working Space, Add	10.04	
22 11 16 00-0055 EA 1" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	44.70	21.19
For ASTM 120, Deduct	-1.94	
For Work In Restricted Working Space, Add	9.53	
22 11 16 00-0056 EA 1-1/4" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	58.08	25.11
For ASTM 120, Deduct	-3.06	
For Work In Restricted Working Space, Add	11.30	
22 11 16 00-0057 EA 1-1/4" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	60.34	23.84
For ASTM 120, Deduct	-3.68	
For Work In Restricted Working Space, Add	10.74	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0058	EA	1-1/4" x 1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	60.12	22.78	
		<i>For ASTM 120, Deduct</i>	-3.90		
		<i>For Work In Restricted Working Space, Add</i>	10.24		
22 11 16 00-0059	EA	1-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	75.18	28.40	
		<i>For ASTM 120, Deduct</i>	-4.90		
		<i>For Work In Restricted Working Space, Add</i>	12.76		
22 11 16 00-0060	EA	1-1/2" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	72.85	26.81	
		<i>For ASTM 120, Deduct</i>	-4.90		
		<i>For Work In Restricted Working Space, Add</i>	12.06		
22 11 16 00-0061	EA	1-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	71.00	25.54	
		<i>For ASTM 120, Deduct</i>	-4.90		
		<i>For Work In Restricted Working Space, Add</i>	11.51		
22 11 16 00-0062	EA	2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	89.32	34.12	
		<i>For ASTM 120, Deduct</i>	-5.72		
		<i>For Work In Restricted Working Space, Add</i>	15.35		
22 11 16 00-0063	EA	2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	92.34	32.42	
		<i>For ASTM 120, Deduct</i>	-6.56		
		<i>For Work In Restricted Working Space, Add</i>	14.59		
22 11 16 00-0064	EA	2" x 1", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	91.66	30.84	
		<i>For ASTM 120, Deduct</i>	-6.81		
		<i>For Work In Restricted Working Space, Add</i>	13.89		
22 11 16 00-0065	EA	2" x 3/4", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	78.86	29.67	
		<i>For ASTM 120, Deduct</i>	-5.16		
		<i>For Work In Restricted Working Space, Add</i>	13.34		
22 11 16 00-0066	EA	2-1/2" x 2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	200.29	47.36	
		<i>For ASTM 120, Deduct</i>	-19.39		
		<i>For Work In Restricted Working Space, Add</i>	21.31		
22 11 16 00-0067	EA	2-1/2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow .....	208.95	43.34	
		<i>For ASTM 120, Deduct</i>	-21.60		
		<i>For Work In Restricted Working Space, Add</i>	19.48		
22 11 16 00-0068	EA	3" x 2-1/2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	333.09	65.48	
		<i>For ASTM 120, Deduct</i>	-35.24		
		<i>For Work In Restricted Working Space, Add</i>	29.44		
22 11 16 00-0069	EA	3" x 2", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	288.46	56.26	
		<i>For ASTM 120, Deduct</i>	-30.61		
		<i>For Work In Restricted Working Space, Add</i>	25.32		
22 11 16 00-0070	EA	4" x 3", 150 Lb., Galvanized Malleable Iron Reducing 90 Degree Elbow.....	649.30	78.44	
		<i>For ASTM 120, Deduct</i>	-79.75		
		<i>For Work In Restricted Working Space, Add</i>	35.29		
<b>22 11 16 00-0071</b>		<b>Galvanized Malleable Iron 45 Degree Elbow</b> <small>(22 11 16 00-0013)</small>			
22 11 16 00-0072	EA	1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	34.16	18.86	
		<i>For 300 Lb. Rating, Add</i>	21.76		
		<i>For ASTM 120, Deduct</i>	-0.89		
		<i>For Work In Restricted Working Space, Add</i>	8.48		
22 11 16 00-0073	EA	3/4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	40.10	21.09	
		<i>For 300 Lb. Rating, Add</i>	30.73		
		<i>For ASTM 120, Deduct</i>	-1.27		
		<i>For Work In Restricted Working Space, Add</i>	9.49		
22 11 16 00-0074	EA	1", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	44.89	23.52	
		<i>For 300 Lb. Rating, Add</i>	34.66		
		<i>For ASTM 120, Deduct</i>	-1.44		
		<i>For Work In Restricted Working Space, Add</i>	10.60		
22 11 16 00-0075	EA	1-1/4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	57.87	26.70	
		<i>For 300 Lb. Rating, Add</i>	63.22		
		<i>For ASTM 120, Deduct</i>	-2.68		
		<i>For Work In Restricted Working Space, Add</i>	11.99		
22 11 16 00-0076	EA	1-1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	66.09	30.09	
		<i>For 300 Lb. Rating, Add</i>	74.14		
		<i>For ASTM 120, Deduct</i>	-3.15		
		<i>For Work In Restricted Working Space, Add</i>	13.52		
22 11 16 00-0077	EA	2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	88.36	38.25	
		<i>For 300 Lb. Rating, Add</i>	109.14		
		<i>For ASTM 120, Deduct</i>	-4.66		
		<i>For Work In Restricted Working Space, Add</i>	17.18		
22 11 16 00-0078	EA	2-1/2", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	192.93	56.58	
		<i>For 300 Lb. Rating, Add</i>	372.86		
		<i>For ASTM 120, Deduct</i>	-16.23		
		<i>For Work In Restricted Working Space, Add</i>	25.43		
22 11 16 00-0079	EA	3", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	268.85	74.38	
		<i>For 300 Lb. Rating, Add</i>	541.58		
		<i>For ASTM 120, Deduct</i>	-23.60		
		<i>For Work In Restricted Working Space, Add</i>	33.46		
22 11 16 00-0080	EA	4", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	387.42	82.47	
		<i>For 300 Lb. Rating, Add</i>	904.17		
		<i>For ASTM 120, Deduct</i>	-39.56		
		<i>For Work In Restricted Working Space, Add</i>	37.10		
22 11 16 00-0081	EA	5", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	1,194.82	86.07	
		<i>For 300 Lb. Rating, Add</i>	3,631.36		
		<i>For ASTM 120, Deduct</i>	-159.87		
		<i>For Work In Restricted Working Space, Add</i>	38.72		
22 11 16 00-0082	EA	6", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	1,419.99	90.00	
		<i>For 300 Lb. Rating, Add</i>	4,377.33		
		<i>For ASTM 120, Deduct</i>	-192.76		
		<i>For Work In Restricted Working Space, Add</i>	40.48		





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0083	EA			8", 150 Lb., Galvanized Malleable Iron 45 Degree Elbow.....	1,689.13	94.04
				<i>For 300 Lb. Rating, Add</i>	5,272.14	
				<i>For ASTM 120, Deduct</i>	-232.22	
				<i>For Work In Restricted Working Space, Add</i>	42.30	
<b>22 11 16 00-0084</b>				<b>Galvanized Malleable Iron Tees</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0085	EA			1/2", 150 Lb., Galvanized Malleable Iron Tee.....	41.08	23.52
				<i>For 300 Lb. Rating, Add</i>	21.70	
				<i>For ASTM 120, Deduct</i>	-0.86	
				<i>For Work In Restricted Working Space, Add</i>	10.60	
22 11 16 00-0086	EA			3/4", 150 Lb., Galvanized Malleable Iron Tee.....	50.24	27.23
				<i>For 300 Lb. Rating, Add</i>	34.71	
				<i>For ASTM 120, Deduct</i>	-1.42	
				<i>For Work In Restricted Working Space, Add</i>	12.23	
22 11 16 00-0087	EA			1", 150 Lb., Galvanized Malleable Iron Tee.....	63.51	32.11
				<i>For 300 Lb. Rating, Add</i>	55.08	
				<i>For ASTM 120, Deduct</i>	-2.30	
				<i>For Work In Restricted Working Space, Add</i>	14.45	
22 11 16 00-0088	EA			1-1/4", 150 Lb., Galvanized Malleable Iron Tee.....	81.63	38.25
				<i>For 300 Lb. Rating, Add</i>	86.26	
				<i>For ASTM 120, Deduct</i>	-3.65	
				<i>For Work In Restricted Working Space, Add</i>	17.18	
22 11 16 00-0089	EA			1-1/2", 150 Lb., Galvanized Malleable Iron Tee.....	98.63	45.56
				<i>For 300 Lb. Rating, Add</i>	107.05	
				<i>For ASTM 120, Deduct</i>	-4.54	
				<i>For Work In Restricted Working Space, Add</i>	20.51	
22 11 16 00-0090	EA			2", 150 Lb., Galvanized Malleable Iron Tee.....	133.98	56.58
				<i>For 300 Lb. Rating, Add</i>	172.43	
				<i>For ASTM 120, Deduct</i>	-7.38	
				<i>For Work In Restricted Working Space, Add</i>	25.43	
22 11 16 00-0091	EA			2-1/2", 150 Lb., Galvanized Malleable Iron Tee.....	230.69	61.45
				<i>For 300 Lb. Rating, Add</i>	476.63	
				<i>For ASTM 120, Deduct</i>	-20.78	
				<i>For Work In Restricted Working Space, Add</i>	27.64	
22 11 16 00-0092	EA			3", 150 Lb., Galvanized Malleable Iron Tee.....	274.02	74.38
				<i>For 300 Lb. Rating, Add</i>	559.16	
				<i>For ASTM 120, Deduct</i>	-24.37	
				<i>For Work In Restricted Working Space, Add</i>	33.46	
22 11 16 00-0093	EA			4", 150 Lb., Galvanized Malleable Iron Tee.....	540.61	104.21
				<i>For 300 Lb. Rating, Add</i>	1,316.30	
				<i>For ASTM 120, Deduct</i>	-57.66	
				<i>For Work In Restricted Working Space, Add</i>	46.87	
22 11 16 00-0094	EA			5", 150 Lb., Galvanized Malleable Iron Tee.....	1,393.80	123.71
				<i>For 300 Lb. Rating, Add</i>	4,119.32	
				<i>For ASTM 120, Deduct</i>	-181.24	
				<i>For Work In Restricted Working Space, Add</i>	55.65	
22 11 16 00-0095	EA			6", 150 Lb., Galvanized Malleable Iron Tee.....	1,582.49	141.41
				<i>For 300 Lb. Rating, Add</i>	4,672.35	
				<i>For ASTM 120, Deduct</i>	-205.57	
				<i>For Work In Restricted Working Space, Add</i>	63.60	
22 11 16 00-0096	EA			8", 150 Lb., Galvanized Malleable Iron Tee.....	1,882.81	167.91
				<i>For 300 Lb. Rating, Add</i>	5,551.79	
				<i>For ASTM 120, Deduct</i>	-244.26	
				<i>For Work In Restricted Working Space, Add</i>	76.33	
<b>22 11 16 00-0097</b>				<b>Galvanized Malleable Iron Reducing Tee</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0098	EA			1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	48.70	23.52
				<i>For 300 Lb. Rating, Add</i>	47.61	
				<i>For ASTM 120, Deduct</i>	-2.01	
				<i>For Work In Restricted Working Space, Add</i>	10.60	
22 11 16 00-0099	EA			3/4", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	53.95	27.23
				<i>For 300 Lb. Rating, Add</i>	47.33	
				<i>For ASTM 120, Deduct</i>	-1.98	
				<i>For Work In Restricted Working Space, Add</i>	12.23	
22 11 16 00-0100	EA			1", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	66.70	32.11
				<i>For 300 Lb. Rating, Add</i>	65.93	
				<i>For ASTM 120, Deduct</i>	-2.78	
				<i>For Work In Restricted Working Space, Add</i>	14.45	
22 11 16 00-0101	EA			1-1/4", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	86.02	38.25
				<i>For 300 Lb. Rating, Add</i>	101.19	
				<i>For ASTM 120, Deduct</i>	-4.31	
				<i>For Work In Restricted Working Space, Add</i>	17.18	
22 11 16 00-0102	EA			1-1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	103.86	45.56
				<i>For 300 Lb. Rating, Add</i>	124.84	
				<i>For ASTM 120, Deduct</i>	-5.33	
				<i>For Work In Restricted Working Space, Add</i>	20.51	
22 11 16 00-0103	EA			2", 150 Lb., Galvanized Malleable Iron Reducing Tee.....	136.61	56.58
				<i>For 300 Lb. Rating, Add</i>	181.38	
				<i>For ASTM 120, Deduct</i>	-7.78	
				<i>For Work In Restricted Working Space, Add</i>	25.43	



**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0104	EA 2-1/2", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	275.55 628.19 -27.47 27.73	61.66
22 11 16 00-0105	EA 3", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	350.80 814.33 -35.63 33.99	75.55
22 11 16 00-0106	EA 4", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	844.73 2,350.31 -103.28 46.87	104.21
22 11 16 00-0107	EA 5", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,782.10 5,439.54 -239.49 55.65	123.71
22 11 16 00-0108	EA 6", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2,023.37 6,171.34 -271.70 63.60	141.41
22 11 16 00-0109	EA 8", 150 Lb., Galvanized Malleable Iron Reducing Tee..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	2,427.84 7,440.33 -327.60 73.14	162.38
<b>22 11 16 00-0110 Galvanized Malleable Iron Couplings (22 11 16 00-0013)</b>			
22 11 16 00-0111	EA 1/2", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	37.08 31.68 -1.32 8.48	18.86
22 11 16 00-0112	EA 3/4", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	41.79 36.48 -1.53 9.49	21.09
22 11 16 00-0113	EA 1", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	51.98 58.76 -2.50 10.60	23.52
22 11 16 00-0114	EA 1-1/4", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	63.48 82.30 -3.53 11.99	26.70
22 11 16 00-0115	EA 1-1/2", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	71.79 93.52 -4.01 13.52	30.09
22 11 16 00-0116	EA 2", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	96.32 136.21 -5.86 17.18	38.25
22 11 16 00-0117	EA 2-1/2", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	204.30 411.52 -17.93 25.43	56.58
22 11 16 00-0118	EA 3", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	271.30 549.91 -23.97 33.46	74.38
22 11 16 00-0119	EA 4", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	462.99 1,161.11 -50.90 37.10	82.47
22 11 16 00-0120	EA 5", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,084.50 3,256.27 -143.32 38.72	86.07
22 11 16 00-0121	EA 6", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,223.44 3,709.06 -163.28 40.48	90.00
22 11 16 00-0122	EA 8", 150 Lb., Galvanized Malleable Iron Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,452.88 4,468.89 -196.78 42.30	94.04
<b>22 11 16 00-0123 Galvanized Malleable Iron Reducing Couplings (22 11 16 00-0013)</b>			
22 11 16 00-0124	EA 1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	38.96 38.08 -1.61 8.48	18.86



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 16 00-0125	EA		3/4", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	43.06 40.79 -1.72 9.49	21.09
	22 11 16 00-0126	EA		1", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	54.39 66.96 -2.86 10.60	23.52
	22 11 16 00-0127	EA		1-1/4", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	64.64 86.24 -3.70 11.99	26.70
	22 11 16 00-0128	EA		1-1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	76.89 110.86 -4.77 13.52	30.09
	22 11 16 00-0129	EA		2", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	100.65 150.93 -6.51 17.18	38.25
	22 11 16 00-0130	EA		2-1/2", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	205.81 416.66 -18.16 25.43	56.58
	22 11 16 00-0131	EA		3", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	266.77 534.51 -23.29 33.46	74.38
	22 11 16 00-0132	EA		4", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	471.73 1,190.82 -52.21 37.10	82.47
	22 11 16 00-0133	EA		5", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,134.79 3,427.26 -150.86 38.72	86.07
	22 11 16 00-0134	EA		6", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,280.72 3,903.82 -171.87 40.48	90.00
	22 11 16 00-0135	EA		8", 150 Lb., Galvanized Malleable Iron Reducing Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,522.44 4,705.39 -207.22 42.30	94.04
22 11 16 00-0136	<b>Galvanized Malleable Iron Caps</b> (22 11 16 00-0013)					
	22 11 16 00-0137	EA		1/2", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	15.63 8.89 -0.36 3.98	8.79
	22 11 16 00-0138	EA		3/4", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	17.41 12.03 -0.49 4.24	9.43
	22 11 16 00-0139	EA		1", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	20.38 14.85 -0.61 4.89	10.91
	22 11 16 00-0140	EA		1-1/4", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.46 19.28 -0.81 5.13	11.44
	22 11 16 00-0141	EA		1-1/2", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.12 18.13 -0.75 5.13	11.44
	22 11 16 00-0142	EA		2", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	33.56 37.99 -1.62 6.84	15.15
	22 11 16 00-0143	EA		2-1/2", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	52.43 83.87 -3.63 8.48	18.86
	22 11 16 00-0144	EA		3", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	68.58 119.01 -5.16 10.25	22.78
	22 11 16 00-0145	EA		4", 150 Lb., Galvanized Malleable Iron Cap ..... <i>For 300 Lb. Rating, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	106.73 221.23 -9.65 12.72	28.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0146 EA 5", 150 Lb., Galvanized Malleable Iron Cap.....	266.51	35.41
For 300 Lb. Rating, Add	729.11	
For ASTM 120, Deduct	-32.03	
For Work In Restricted Working Space, Add	15.90	
22 11 16 00-0147 EA 6", 150 Lb., Galvanized Malleable Iron Cap.....	332.24	42.08
For 300 Lb. Rating, Add	918.70	
For ASTM 120, Deduct	-40.36	
For Work In Restricted Working Space, Add	18.95	
22 11 16 00-0148 EA 8", 150 Lb., Galvanized Malleable Iron Cap.....	419.23	47.02
For 300 Lb. Rating, Add	1,189.91	
For ASTM 120, Deduct	-52.31	
For Work In Restricted Working Space, Add	21.15	
<b>22 11 16 00-0149 Galvanized Malleable Iron FIP Threaded, Unions (22 11 16 00-0013)</b>		
22 11 16 00-0150 EA 1/2", 150 Lb., Galvanized Malleable Iron Union.....	52.96	23.52
For Work In Restricted Working Space, Add	10.60	
22 11 16 00-0151 EA 3/4", 150 Lb., Galvanized Malleable Iron Union.....	61.03	27.23
For Work In Restricted Working Space, Add	12.23	
22 11 16 00-0152 EA 1", 150 Lb., Galvanized Malleable Iron Union.....	74.71	32.11
For Work In Restricted Working Space, Add	14.45	
22 11 16 00-0153 EA 1-1/4", 150 Lb., Galvanized Malleable Iron Union.....	95.66	38.25
For Work In Restricted Working Space, Add	17.18	
22 11 16 00-0154 EA 1-1/2", 150 Lb., Galvanized Malleable Iron Union.....	114.86	45.56
For Work In Restricted Working Space, Add	20.51	
22 11 16 00-0155 EA 2", 150 Lb., Galvanized Malleable Iron Union.....	138.23	56.58
For Work In Restricted Working Space, Add	25.43	
22 11 16 00-0156 EA 2-1/2", 150 Lb., Galvanized Malleable Iron Union.....	310.86	83.38
For Work In Restricted Working Space, Add	37.54	
22 11 16 00-0157 EA 3", 150 Lb., Galvanized Malleable Iron Union.....	424.59	109.66
For Work In Restricted Working Space, Add	49.39	
22 11 16 00-0158 EA 1/2", 250 Lb., Galvanized Malleable Iron Union.....	71.19	23.52
For Work In Restricted Working Space, Add	10.59	
22 11 16 00-0159 EA 3/4", 250 Lb., Galvanized Malleable Iron Union.....	73.35	27.23
For Work In Restricted Working Space, Add	12.23	
22 11 16 00-0160 EA 1", 250 Lb., Galvanized Malleable Iron Union.....	88.57	32.11
For Work In Restricted Working Space, Add	14.45	
22 11 16 00-0161 EA 1-1/4", 250 Lb., Galvanized Malleable Iron Union.....	118.47	38.25
For Work In Restricted Working Space, Add	17.18	
22 11 16 00-0162 EA 1-1/2", 250 Lb., Galvanized Malleable Iron Union.....	138.82	45.56
For Work In Restricted Working Space, Add	20.51	
22 11 16 00-0163 EA 2", 250 Lb., Galvanized Malleable Iron Union.....	184.27	56.58
For Work In Restricted Working Space, Add	25.43	
22 11 16 00-0164 EA 2-1/2", 250 Lb., Galvanized Malleable Iron Union.....	386.90	83.38
For Work In Restricted Working Space, Add	37.54	
22 11 16 00-0165 EA 3", 250 Lb., Galvanized Malleable Iron Union.....	566.27	109.66
For Work In Restricted Working Space, Add	49.39	
22 11 16 00-0166 EA 4", 250 Lb., Galvanized Malleable Iron Union.....	812.59	121.69
For Work In Restricted Working Space, Add	54.77	
22 11 16 00-0167 EA 1/2", 300 Lb., Galvanized Malleable Iron Union.....	76.19	23.52
For Work In Restricted Working Space, Add	10.59	
22 11 16 00-0168 EA 3/4", 300 Lb., Galvanized Malleable Iron Union.....	85.08	27.23
For Work In Restricted Working Space, Add	12.23	
22 11 16 00-0169 EA 1", 300 Lb., Galvanized Malleable Iron Union.....	106.96	32.11
For Work In Restricted Working Space, Add	14.45	
22 11 16 00-0170 EA 1-1/4", 300 Lb., Galvanized Malleable Iron Union.....	139.27	38.25
For Work In Restricted Working Space, Add	17.18	
22 11 16 00-0171 EA 1-1/2", 300 Lb., Galvanized Malleable Iron Union.....	167.10	45.56
For Work In Restricted Working Space, Add	20.51	
22 11 16 00-0172 EA 2", 300 Lb., Galvanized Malleable Iron Union.....	203.28	56.58
For Work In Restricted Working Space, Add	25.43	
22 11 16 00-0173 EA 2-1/2", 300 Lb., Galvanized Malleable Iron Union.....	455.72	83.38
For Work In Restricted Working Space, Add	37.54	
22 11 16 00-0174 EA 3", 300 Lb., Galvanized Malleable Iron Union.....	723.75	109.66
For Work In Restricted Working Space, Add	49.39	
22 11 16 00-0175 EA 4", 300 Lb., Galvanized Malleable Iron Union.....	1,584.84	121.69
For Work In Restricted Working Space, Add	54.77	
<b>22 11 16 00-0176 Galvanized Steel Nipples (22 11 16 00-0013)</b>		
Note: ASTM A-53.		
22 11 16 00-0177 EA 3/8" x Close, Schedule 40 Galvanized Steel Nipple.....	18.11	10.06
For ASTM 120, Deduct	-0.45	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.40	
22 11 16 00-0178 EA 1/2" x Close, Schedule 40 Galvanized Steel Nipple.....	17.54	10.06
For ASTM 120, Deduct	-0.36	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	2.75	
22 11 16 00-0179 EA 3/4" x Close, Schedule 40 Galvanized Steel Nipple.....	18.06	10.06
For ASTM 120, Deduct	-0.44	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0180 EA 1" x Close, Schedule 40 Galvanized Steel Nipple .....	20.32	10.91
For ASTM 120, Deduct	-0.60	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	4.58	
22 11 16 00-0181 EA 1-1/4" x Close, Schedule 40 Galvanized Steel Nipple .....	23.06	11.76
For ASTM 120, Deduct	-0.81	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	6.16	
22 11 16 00-0182 EA 1-1/2" x Close, Schedule 40 Galvanized Steel Nipple .....	23.99	11.76
For ASTM 120, Deduct	-0.95	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	7.22	
22 11 16 00-0183 EA 2" x Close, Schedule 40 Galvanized Steel Nipple .....	31.71	15.15
For ASTM 120, Deduct	-1.34	
For Work In Restricted Working Space, Add	6.84	
For Schedule 80 Nipples, Add	10.17	
22 11 16 00-0184 EA 2-1/2" x Close, Schedule 40 Galvanized Steel Nipple .....	54.82	18.86
For ASTM 120, Deduct	-3.98	
For Work In Restricted Working Space, Add	8.48	
For Schedule 80 Nipples, Add	30.28	
22 11 16 00-0185 EA 3" x Close, Schedule 40 Galvanized Steel Nipple .....	66.01	22.78
For ASTM 120, Deduct	-4.77	
For Work In Restricted Working Space, Add	10.25	
For Schedule 80 Nipples, Add	36.29	
22 11 16 00-0186 EA 4" x Close, Schedule 40 Galvanized Steel Nipple .....	90.12	28.30
For ASTM 120, Deduct	-7.16	
For Work In Restricted Working Space, Add	12.72	
For Schedule 80 Nipples, Add	54.39	
22 11 16 00-0187 EA 3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	18.55	10.06
For ASTM 120, Deduct	-0.51	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.90	
22 11 16 00-0188 EA 1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	17.67	10.06
For ASTM 120, Deduct	-0.38	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	2.90	
22 11 16 00-0189 EA 3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	18.32	10.06
For ASTM 120, Deduct	-0.48	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.64	
22 11 16 00-0190 EA 3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	18.55	10.06
For ASTM 120, Deduct	-0.51	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.90	
22 11 16 00-0191 EA 1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	17.67	10.06
For ASTM 120, Deduct	-0.38	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	2.90	
22 11 16 00-0192 EA 3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	18.32	10.06
For ASTM 120, Deduct	-0.48	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.64	
22 11 16 00-0193 EA 1" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	21.05	10.91
For ASTM 120, Deduct	-0.71	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	5.42	
22 11 16 00-0194 EA 1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	23.44	11.76
For ASTM 120, Deduct	-0.87	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	6.59	
22 11 16 00-0195 EA 1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple .....	24.46	11.76
For ASTM 120, Deduct	-1.02	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	7.75	
22 11 16 00-0196 EA 3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	19.70	10.06
For ASTM 120, Deduct	-0.69	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	5.21	
22 11 16 00-0197 EA 1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	18.11	10.06
For ASTM 120, Deduct	-0.45	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	3.40	
22 11 16 00-0198 EA 3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	18.66	10.06
For ASTM 120, Deduct	-0.53	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	4.02	
22 11 16 00-0199 EA 1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	21.44	10.91
For ASTM 120, Deduct	-0.77	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	5.86	
22 11 16 00-0200 EA 1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	24.02	11.76
For ASTM 120, Deduct	-0.95	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	7.25	

**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 16 00-0201	EA	1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.23		11.76
		<i>For ASTM 120, Deduct</i>	-1.14		
		<i>For Work In Restricted Working Space, Add</i>	5.30		
		<i>For Schedule 80 Nipples, Add</i>	8.63		
22 11 16 00-0202	EA	2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	32.83		15.15
		<i>For ASTM 120, Deduct</i>	-1.51		
		<i>For Work In Restricted Working Space, Add</i>	6.84		
		<i>For Schedule 80 Nipples, Add</i>	11.45		
22 11 16 00-0203	EA	3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple	19.70		10.06
		<i>For ASTM 120, Deduct</i>	-0.69		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	5.21		
22 11 16 00-0204	EA	1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.11		10.06
		<i>For ASTM 120, Deduct</i>	-0.45		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	3.40		
22 11 16 00-0205	EA	3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	18.66		10.06
		<i>For ASTM 120, Deduct</i>	-0.53		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	4.02		
22 11 16 00-0206	EA	1" x 3" Long, Schedule 40 Galvanized Steel Nipple	21.44		10.91
		<i>For ASTM 120, Deduct</i>	-0.77		
		<i>For Work In Restricted Working Space, Add</i>	4.89		
		<i>For Schedule 80 Nipples, Add</i>	5.86		
22 11 16 00-0207	EA	1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple	24.02		11.76
		<i>For ASTM 120, Deduct</i>	-0.95		
		<i>For Work In Restricted Working Space, Add</i>	5.30		
		<i>For Schedule 80 Nipples, Add</i>	7.25		
22 11 16 00-0208	EA	1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	25.23		11.76
		<i>For ASTM 120, Deduct</i>	-1.14		
		<i>For Work In Restricted Working Space, Add</i>	5.30		
		<i>For Schedule 80 Nipples, Add</i>	8.63		
22 11 16 00-0209	EA	2" x 3" Long, Schedule 40 Galvanized Steel Nipple	32.83		15.15
		<i>For ASTM 120, Deduct</i>	-1.51		
		<i>For Work In Restricted Working Space, Add</i>	6.84		
		<i>For Schedule 80 Nipples, Add</i>	11.45		
22 11 16 00-0210	EA	2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple	55.84		18.86
		<i>For ASTM 120, Deduct</i>	-4.14		
		<i>For Work In Restricted Working Space, Add</i>	8.48		
		<i>For Schedule 80 Nipples, Add</i>	31.44		
22 11 16 00-0211	EA	3" x 3" Long, Schedule 40 Galvanized Steel Nipple	70.39		22.78
		<i>For ASTM 120, Deduct</i>	-5.43		
		<i>For Work In Restricted Working Space, Add</i>	10.25		
		<i>For Schedule 80 Nipples, Add</i>	41.28		
22 11 16 00-0212	EA	3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.55		10.06
		<i>For ASTM 120, Deduct</i>	-0.81		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	6.18		
22 11 16 00-0213	EA	1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.81		10.06
		<i>For ASTM 120, Deduct</i>	-0.55		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	4.20		
22 11 16 00-0214	EA	3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	19.70		10.06
		<i>For ASTM 120, Deduct</i>	-0.69		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	5.21		
22 11 16 00-0215	EA	1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	22.47		10.91
		<i>For ASTM 120, Deduct</i>	-0.93		
		<i>For Work In Restricted Working Space, Add</i>	4.89		
		<i>For Schedule 80 Nipples, Add</i>	7.03		
22 11 16 00-0216	EA	1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	25.23		11.76
		<i>For ASTM 120, Deduct</i>	-1.14		
		<i>For Work In Restricted Working Space, Add</i>	5.30		
		<i>For Schedule 80 Nipples, Add</i>	8.63		
22 11 16 00-0217	EA	1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	27.23		11.76
		<i>For ASTM 120, Deduct</i>	-1.44		
		<i>For Work In Restricted Working Space, Add</i>	5.30		
		<i>For Schedule 80 Nipples, Add</i>	10.91		
22 11 16 00-0218	EA	2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.98		15.15
		<i>For ASTM 120, Deduct</i>	-1.83		
		<i>For Work In Restricted Working Space, Add</i>	6.84		
		<i>For Schedule 80 Nipples, Add</i>	13.90		
22 11 16 00-0219	EA	2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	60.27		18.86
		<i>For ASTM 120, Deduct</i>	-4.80		
		<i>For Work In Restricted Working Space, Add</i>	8.48		
		<i>For Schedule 80 Nipples, Add</i>	36.49		
22 11 16 00-0220	EA	3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple	76.67		22.78
		<i>For ASTM 120, Deduct</i>	-6.37		
		<i>For Work In Restricted Working Space, Add</i>	10.25		
		<i>For Schedule 80 Nipples, Add</i>	48.44		
22 11 16 00-0221	EA	3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.55		10.06
		<i>For ASTM 120, Deduct</i>	-0.81		
		<i>For Work In Restricted Working Space, Add</i>	4.54		
		<i>For Schedule 80 Nipples, Add</i>	6.18		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0222 EA 1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	18.81	10.06
For ASTM 120, Deduct	-0.55	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	4.20	
22 11 16 00-0223 EA 3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	20.55	10.06
For ASTM 120, Deduct	-0.81	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	6.18	
22 11 16 00-0224 EA 1" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	22.47	10.91
For ASTM 120, Deduct	-0.93	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	7.03	
22 11 16 00-0225 EA 1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	25.23	11.76
For ASTM 120, Deduct	-1.14	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	8.63	
22 11 16 00-0226 EA 1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	27.23	11.76
For ASTM 120, Deduct	-1.44	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	10.91	
22 11 16 00-0227 EA 2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	35.09	15.15
For ASTM 120, Deduct	-1.85	
For Work In Restricted Working Space, Add	6.84	
For Schedule 80 Nipples, Add	14.02	
22 11 16 00-0228 EA 2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	60.27	18.86
For ASTM 120, Deduct	-4.80	
For Work In Restricted Working Space, Add	8.48	
For Schedule 80 Nipples, Add	36.49	
22 11 16 00-0229 EA 3" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	76.67	22.78
For ASTM 120, Deduct	-6.37	
For Work In Restricted Working Space, Add	10.25	
For Schedule 80 Nipples, Add	48.44	
22 11 16 00-0230 EA 4" x 4" Long, Schedule 40 Galvanized Steel Nipple .....	99.45	28.30
For ASTM 120, Deduct	-8.56	
For Work In Restricted Working Space, Add	12.72	
For Schedule 80 Nipples, Add	65.03	
22 11 16 00-0231 EA 3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	22.60	10.06
For ASTM 120, Deduct	-1.12	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	8.52	
22 11 16 00-0232 EA 1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	19.57	10.06
For ASTM 120, Deduct	-0.67	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	5.06	
22 11 16 00-0233 EA 3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	20.58	10.06
For ASTM 120, Deduct	-0.82	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	6.21	
22 11 16 00-0234 EA 1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	23.87	10.91
For ASTM 120, Deduct	-1.14	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	8.63	
22 11 16 00-0235 EA 1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	27.02	11.76
For ASTM 120, Deduct	-1.40	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	10.67	
22 11 16 00-0236 EA 1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	29.23	11.76
For ASTM 120, Deduct	-1.74	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	13.19	
22 11 16 00-0237 EA 2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	38.35	15.15
For ASTM 120, Deduct	-2.33	
For Work In Restricted Working Space, Add	6.84	
For Schedule 80 Nipples, Add	17.74	
22 11 16 00-0238 EA 2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	63.95	18.86
For ASTM 120, Deduct	-5.35	
For Work In Restricted Working Space, Add	8.48	
For Schedule 80 Nipples, Add	40.69	
22 11 16 00-0239 EA 3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	83.70	22.78
For ASTM 120, Deduct	-7.43	
For Work In Restricted Working Space, Add	10.25	
For Schedule 80 Nipples, Add	56.45	
22 11 16 00-0240 EA 4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple .....	106.38	28.30
For ASTM 120, Deduct	-9.60	
For Work In Restricted Working Space, Add	12.72	
For Schedule 80 Nipples, Add	72.93	
22 11 16 00-0241 EA 3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	22.60	10.06
For ASTM 120, Deduct	-1.12	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	8.52	
22 11 16 00-0242 EA 1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	19.57	10.06
For ASTM 120, Deduct	-0.67	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	5.06	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0243	EA		3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	20.58	10.06
			<i>For ASTM 120, Deduct</i>	-0.82	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	6.21	
22 11 16 00-0244	EA		1" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	23.87	10.91
			<i>For ASTM 120, Deduct</i>	-1.14	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
			<i>For Schedule 80 Nipples, Add</i>	8.63	
22 11 16 00-0245	EA		1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	27.02	11.76
			<i>For ASTM 120, Deduct</i>	-1.40	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	10.67	
22 11 16 00-0246	EA		1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	29.23	11.76
			<i>For ASTM 120, Deduct</i>	-1.74	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	13.19	
22 11 16 00-0247	EA		2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	38.35	15.15
			<i>For ASTM 120, Deduct</i>	-2.33	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
			<i>For Schedule 80 Nipples, Add</i>	17.74	
22 11 16 00-0248	EA		2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	63.95	18.86
			<i>For ASTM 120, Deduct</i>	-5.35	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
			<i>For Schedule 80 Nipples, Add</i>	40.69	
22 11 16 00-0249	EA		3" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	83.70	22.78
			<i>For ASTM 120, Deduct</i>	-7.43	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
			<i>For Schedule 80 Nipples, Add</i>	56.45	
22 11 16 00-0250	EA		4" x 5" Long, Schedule 40 Galvanized Steel Nipple .....	106.38	28.30
			<i>For ASTM 120, Deduct</i>	-9.60	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
			<i>For Schedule 80 Nipples, Add</i>	72.93	
22 11 16 00-0251	EA		3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	23.43	10.06
			<i>For ASTM 120, Deduct</i>	-1.25	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	9.46	
22 11 16 00-0252	EA		1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	20.16	10.06
			<i>For ASTM 120, Deduct</i>	-0.75	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	5.73	
22 11 16 00-0253	EA		3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple.....	21.67	10.06
			<i>For ASTM 120, Deduct</i>	-0.98	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	7.46	
22 11 16 00-0254	EA		1" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	24.89	10.91
			<i>For ASTM 120, Deduct</i>	-1.29	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
			<i>For Schedule 80 Nipples, Add</i>	9.79	
22 11 16 00-0255	EA		1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	28.53	11.76
			<i>For ASTM 120, Deduct</i>	-1.63	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	12.39	
22 11 16 00-0256	EA		1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	30.68	11.76
			<i>For ASTM 120, Deduct</i>	-1.95	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	14.84	
22 11 16 00-0257	EA		2" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	40.87	15.15
			<i>For ASTM 120, Deduct</i>	-2.71	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
			<i>For Schedule 80 Nipples, Add</i>	20.61	
22 11 16 00-0258	EA		2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	67.48	18.86
			<i>For ASTM 120, Deduct</i>	-5.88	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
			<i>For Schedule 80 Nipples, Add</i>	44.71	
22 11 16 00-0259	EA		3" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	86.55	22.78
			<i>For ASTM 120, Deduct</i>	-7.86	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
			<i>For Schedule 80 Nipples, Add</i>	59.70	
22 11 16 00-0260	EA		4" x 6" Long, Schedule 40 Galvanized Steel Nipple .....	113.13	28.30
			<i>For ASTM 120, Deduct</i>	-10.61	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
			<i>For Schedule 80 Nipples, Add</i>	80.62	
22 11 16 00-0261	EA		3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple.....	48.31	10.06
			<i>For ASTM 120, Deduct</i>	-4.98	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	37.83	
22 11 16 00-0262	EA		1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple.....	24.00	10.06
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	10.11	
22 11 16 00-0263	EA		3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple.....	26.47	10.06
			<i>For ASTM 120, Deduct</i>	-1.70	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
			<i>For Schedule 80 Nipples, Add</i>	12.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0264 EA 1" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	30.67	10.91
For ASTM 120, Deduct	-2.16	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	16.38	
22 11 16 00-0265 EA 1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	35.27	11.76
For ASTM 120, Deduct	-2.64	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	20.08	
22 11 16 00-0266 EA 1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	37.87	11.76
For ASTM 120, Deduct	-3.03	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	23.04	
22 11 16 00-0267 EA 2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	52.26	15.15
For ASTM 120, Deduct	-4.42	
For Work In Restricted Working Space, Add	6.84	
For Schedule 80 Nipples, Add	33.60	
22 11 16 00-0268 EA 2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	78.74	18.86
For ASTM 120, Deduct	-7.57	
For Work In Restricted Working Space, Add	8.48	
For Schedule 80 Nipples, Add	57.55	
22 11 16 00-0269 EA 3" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	104.74	22.78
For ASTM 120, Deduct	-10.58	
For Work In Restricted Working Space, Add	10.25	
For Schedule 80 Nipples, Add	80.44	
22 11 16 00-0270 EA 4" x 8" Long, Schedule 40 Galvanized Steel Nipple .....	126.80	28.30
For ASTM 120, Deduct	-12.66	
For Work In Restricted Working Space, Add	12.72	
For Schedule 80 Nipples, Add	96.20	
22 11 16 00-0271 EA 3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	30.95	10.06
For ASTM 120, Deduct	-2.37	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	18.03	
22 11 16 00-0272 EA 1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	25.66	10.06
For ASTM 120, Deduct	-1.58	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	12.00	
22 11 16 00-0273 EA 3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	27.71	10.06
For ASTM 120, Deduct	-1.89	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	14.34	
22 11 16 00-0274 EA 1" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	32.72	10.91
For ASTM 120, Deduct	-2.46	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	18.72	
22 11 16 00-0275 EA 1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	38.72	11.76
For ASTM 120, Deduct	-3.16	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	24.01	
22 11 16 00-0276 EA 1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	41.21	11.76
For ASTM 120, Deduct	-3.53	
For Work In Restricted Working Space, Add	5.30	
For Schedule 80 Nipples, Add	26.85	
22 11 16 00-0277 EA 2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	57.27	15.15
For ASTM 120, Deduct	-5.17	
For Work In Restricted Working Space, Add	6.84	
For Schedule 80 Nipples, Add	39.31	
22 11 16 00-0278 EA 2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	85.80	18.86
For ASTM 120, Deduct	-8.63	
For Work In Restricted Working Space, Add	8.48	
For Schedule 80 Nipples, Add	65.60	
22 11 16 00-0279 EA 3" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	114.67	22.78
For ASTM 120, Deduct	-12.07	
For Work In Restricted Working Space, Add	10.25	
For Schedule 80 Nipples, Add	91.76	
22 11 16 00-0280 EA 4" x 10" Long, Schedule 40 Galvanized Steel Nipple .....	140.21	28.30
For ASTM 120, Deduct	-14.67	
For Work In Restricted Working Space, Add	12.72	
For Schedule 80 Nipples, Add	111.49	
22 11 16 00-0281 EA 3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	32.67	10.06
For ASTM 120, Deduct	-2.63	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	20.00	
22 11 16 00-0282 EA 1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	27.11	10.06
For ASTM 120, Deduct	-1.80	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	13.66	
22 11 16 00-0283 EA 3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	29.24	10.06
For ASTM 120, Deduct	-2.12	
For Work In Restricted Working Space, Add	4.54	
For Schedule 80 Nipples, Add	16.09	
22 11 16 00-0284 EA 1" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	35.42	10.91
For ASTM 120, Deduct	-2.87	
For Work In Restricted Working Space, Add	4.89	
For Schedule 80 Nipples, Add	21.80	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0285	EA		1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	42.95	11.76
			<i>For ASTM 120, Deduct</i>	-3.79	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	28.83	
22 11 16 00-0286	EA		1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	44.61	11.76
			<i>For ASTM 120, Deduct</i>	-4.04	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
			<i>For Schedule 80 Nipples, Add</i>	30.72	
22 11 16 00-0287	EA		2" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	62.35	15.15
			<i>For ASTM 120, Deduct</i>	-5.93	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
			<i>For Schedule 80 Nipples, Add</i>	45.10	
22 11 16 00-0288	EA		2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple .....	92.65	18.86
			<i>For ASTM 120, Deduct</i>	-9.66	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
			<i>For Schedule 80 Nipples, Add</i>	73.40	
22 11 16 00-0289	EA		3" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	124.69	22.78
			<i>For ASTM 120, Deduct</i>	-13.58	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
			<i>For Schedule 80 Nipples, Add</i>	103.18	
22 11 16 00-0290	EA		4" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	153.75	28.30
			<i>For ASTM 120, Deduct</i>	-16.70	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
			<i>For Schedule 80 Nipples, Add</i>	126.93	
<b>22 11 16 00-0291</b>			<b>Galvanized Steel Dielectric Nipples With Polyethylene Liner</b> (22 11 16 00-0013)		
			See CSI section 22 11 16 00-0718 for dielectric unions.		
22 11 16 00-0292	EA		1/2" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple.....	17.53	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0293	EA		1/2" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	17.89	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0294	EA		3/4" Threaded x 2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	18.22	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0295	EA		3/4" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	19.42	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0296	EA		3/4" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	20.66	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0297	EA		3/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	21.41	10.06
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0298	EA		1" Threaded x 2-1/2" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	20.89	10.91
			<i>For Work In Restricted Working Space, Add</i>	4.90	
22 11 16 00-0299	EA		1" Threaded x 3" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	21.28	10.91
			<i>For Work In Restricted Working Space, Add</i>	4.90	
22 11 16 00-0300	EA		1" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	27.29	10.91
			<i>For Work In Restricted Working Space, Add</i>	4.90	
22 11 16 00-0301	EA		1-1/4" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	29.55	11.76
			<i>For Work In Restricted Working Space, Add</i>	5.31	
22 11 16 00-0302	EA		1-1/2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	32.86	11.76
			<i>For Work In Restricted Working Space, Add</i>	5.31	
22 11 16 00-0303	EA		2" Threaded x 4" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	43.88	15.15
			<i>For Work In Restricted Working Space, Add</i>	6.83	
22 11 16 00-0304	EA		2-1/2" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	52.29	18.86
			<i>For Work In Restricted Working Space, Add</i>	8.49	
22 11 16 00-0305	EA		3" Threaded x 6" Long, Schedule 40 Galvanized Steel With Polyethylene Liner, Dielectric Nipple .....	82.57	22.78
			<i>For Work In Restricted Working Space, Add</i>	10.27	
<b>22 11 16 00-0306</b>			<b>Galvanized Malleable Iron Square Head Plugs</b> (22 11 16 00-0013)		
22 11 16 00-0307	EA		1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	18.17	7.53
			<i>For 300 Lb. Rating, Add</i>	24.04	
			<i>For Work In Restricted Working Space, Add</i>	3.39	
22 11 16 00-0308	EA		3/4", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	19.52	8.47
			<i>For 300 Lb. Rating, Add</i>	24.12	
			<i>For Work In Restricted Working Space, Add</i>	3.80	
22 11 16 00-0309	EA		1", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	21.66	9.43
			<i>For 300 Lb. Rating, Add</i>	26.48	
			<i>For Work In Restricted Working Space, Add</i>	4.24	
22 11 16 00-0310	EA		1-1/4", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	27.58	10.70
			<i>For 300 Lb. Rating, Add</i>	40.37	
			<i>For Work In Restricted Working Space, Add</i>	4.80	
22 11 16 00-0311	EA		1-1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	33.64	11.97
			<i>For 300 Lb. Rating, Add</i>	54.16	
			<i>For Work In Restricted Working Space, Add</i>	5.41	
22 11 16 00-0312	EA		2", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	42.76	15.25
			<i>For 300 Lb. Rating, Add</i>	68.86	
			<i>For Work In Restricted Working Space, Add</i>	6.87	
22 11 16 00-0313	EA		2-1/2", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	72.63	22.57
			<i>For 300 Lb. Rating, Add</i>	133.68	
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 11 16 00-0314	EA		3", 150 Lb., Galvanized Malleable Iron Square Head Plug .....	99.56	29.77
			<i>For 300 Lb. Rating, Add</i>	189.47	
			<i>For Work In Restricted Working Space, Add</i>	13.39	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0315 EA 4", 150 Lb., Galvanized Malleable Iron Square Head Plug	163.53	32.97
<i>For 300 Lb. Rating, Add</i>	390.77	
<i>For Work In Restricted Working Space, Add</i>	14.84	
22 11 16 00-0316 EA 5", 150 Lb., Galvanized Malleable Iron Square Head Plug	260.90	34.45
<i>For 300 Lb. Rating, Add</i>	714.62	
<i>For Work In Restricted Working Space, Add</i>	15.49	
22 11 16 00-0317 EA 6", 150 Lb., Galvanized Malleable Iron Square Head Plug	280.20	35.93
<i>For 300 Lb. Rating, Add</i>	772.42	
<i>For Work In Restricted Working Space, Add</i>	16.19	
<b>22 11 16 00-0318 Galvanized Malleable Iron Bushing</b> <small>(22 11 16 00-0013)</small>		
22 11 16 00-0319 EA 3/4" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	40.69	19.92
<i>For Work In Restricted Working Space, Add</i>	8.98	
22 11 16 00-0320 EA 1" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	44.65	21.19
<i>For Work In Restricted Working Space, Add</i>	9.53	
22 11 16 00-0321 EA 1" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	45.66	22.35
<i>For Work In Restricted Working Space, Add</i>	10.04	
22 11 16 00-0322 EA 1-1/4" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	52.14	22.78
<i>For Work In Restricted Working Space, Add</i>	10.24	
22 11 16 00-0323 EA 1-1/4" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	52.18	23.84
<i>For Work In Restricted Working Space, Add</i>	10.74	
22 11 16 00-0324 EA 1-1/4" x 1", 150 Lb., Galvanized Malleable Iron Bushing	54.03	25.11
<i>For Work In Restricted Working Space, Add</i>	11.30	
22 11 16 00-0325 EA 1-1/2" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	60.48	24.47
<i>For Work In Restricted Working Space, Add</i>	11.00	
22 11 16 00-0326 EA 1-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	62.16	25.54
<i>For Work In Restricted Working Space, Add</i>	11.51	
22 11 16 00-0327 EA 1-1/2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	61.67	26.81
<i>For Work In Restricted Working Space, Add</i>	12.06	
22 11 16 00-0328 EA 1-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	62.34	28.40
<i>For Work In Restricted Working Space, Add</i>	12.76	
22 11 16 00-0329 EA 2" x 1/2", 150 Lb., Galvanized Malleable Iron Bushing	72.51	28.50
<i>For Work In Restricted Working Space, Add</i>	12.83	
22 11 16 00-0330 EA 2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	72.12	29.67
<i>For Work In Restricted Working Space, Add</i>	13.34	
22 11 16 00-0331 EA 2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	72.45	30.84
<i>For Work In Restricted Working Space, Add</i>	13.89	
22 11 16 00-0332 EA 2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	74.78	32.42
<i>For Work In Restricted Working Space, Add</i>	14.59	
22 11 16 00-0333 EA 2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	74.12	34.12
<i>For Work In Restricted Working Space, Add</i>	15.35	
22 11 16 00-0334 EA 2-1/2" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	101.23	38.78
<i>For Work In Restricted Working Space, Add</i>	17.46	
22 11 16 00-0335 EA 2-1/2" x 1", 150 Lb., Galvanized Malleable Iron Bushing	103.07	40.06
<i>For Work In Restricted Working Space, Add</i>	18.01	
22 11 16 00-0336 EA 2-1/2" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	105.41	41.54
<i>For Work In Restricted Working Space, Add</i>	18.71	
22 11 16 00-0337 EA 2-1/2" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	107.17	43.34
<i>For Work In Restricted Working Space, Add</i>	19.48	
22 11 16 00-0338 EA 2-1/2" x 2", 150 Lb., Galvanized Malleable Iron Bushing	108.44	47.36
<i>For Work In Restricted Working Space, Add</i>	21.31	
22 11 16 00-0339 EA 3" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	128.38	47.68
<i>For Work In Restricted Working Space, Add</i>	21.47	
22 11 16 00-0340 EA 3" x 1", 150 Lb., Galvanized Malleable Iron Bushing	130.22	48.95
<i>For Work In Restricted Working Space, Add</i>	22.03	
22 11 16 00-0341 EA 3" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	132.56	50.54
<i>For Work In Restricted Working Space, Add</i>	22.73	
22 11 16 00-0342 EA 3" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	134.00	52.23
<i>For Work In Restricted Working Space, Add</i>	23.49	
22 11 16 00-0343 EA 3" x 2", 150 Lb., Galvanized Malleable Iron Bushing	134.89	56.26
<i>For Work In Restricted Working Space, Add</i>	25.32	
22 11 16 00-0344 EA 3" x 2-1/2", 150 Lb., Galvanized Malleable Iron Bushing	151.56	65.48
<i>For Work In Restricted Working Space, Add</i>	29.44	
22 11 16 00-0345 EA 4" x 3/4", 150 Lb., Galvanized Malleable Iron Bushing	196.71	51.73
<i>For Work In Restricted Working Space, Add</i>	23.30	
22 11 16 00-0346 EA 4" x 1", 150 Lb., Galvanized Malleable Iron Bushing	198.55	53.00
<i>For Work In Restricted Working Space, Add</i>	23.85	
22 11 16 00-0347 EA 4" x 1-1/4", 150 Lb., Galvanized Malleable Iron Bushing	200.89	54.59
<i>For Work In Restricted Working Space, Add</i>	24.55	
22 11 16 00-0348 EA 4" x 1-1/2", 150 Lb., Galvanized Malleable Iron Bushing	203.44	56.29
<i>For Work In Restricted Working Space, Add</i>	25.32	
22 11 16 00-0349 EA 4" x 2", 150 Lb., Galvanized Malleable Iron Bushing	195.52	60.32
<i>For Work In Restricted Working Space, Add</i>	27.15	
22 11 16 00-0350 EA 4" x 2-1/2", 150 Lb., Galvanized Malleable Iron Bushing	223.29	69.54
<i>For Work In Restricted Working Space, Add</i>	31.27	
22 11 16 00-0351 EA 4" x 3", 150 Lb., Galvanized Malleable Iron Bushing	228.81	78.44
<i>For Work In Restricted Working Space, Add</i>	35.29	
<b>22 11 16 00-0352 Galvanized Malleable Iron Floor Flange</b> <small>(22 11 16 00-0013)</small>		
Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.		
22 11 16 00-0353 EA 1/2", 150 Lb., Galvanized Malleable Iron Floor Flange	65.92	38.72
22 11 16 00-0354 EA 3/4", 150 Lb., Galvanized Malleable Iron Floor Flange	72.05	42.38



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0355	EA		1", 150 Lb., Galvanized Malleable Iron Floor Flange .....	82.85	47.89
22 11 16 00-0356	EA		1-1/4", 150 Lb., Galvanized Malleable Iron Floor Flange .....	86.13	49.59
22 11 16 00-0357	EA		1-1/2", 150 Lb., Galvanized Malleable Iron Floor Flange .....	93.74	53.93
22 11 16 00-0358	EA		2", 150 Lb., Galvanized Malleable Iron Floor Flange .....	101.16	56.26
<b>22 11 16 00-0359</b>			<b>Galvanized Cast Iron Flanges</b> <small>(22 11 16 00-0013)</small>		
			Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0360	EA		3/4", 125 Lb., Galvanized Cast Iron Flange .....	129.69	42.38
			<i>For Work In Restricted Working Space, Add</i>	19.07	
22 11 16 00-0361	EA		1", 125 Lb., Galvanized Cast Iron Flange .....	123.02	47.89
			<i>For Work In Restricted Working Space, Add</i>	21.55	
22 11 16 00-0362	EA		1-1/4", 125 Lb., Galvanized Cast Iron Flange .....	101.40	49.59
			<i>For Work In Restricted Working Space, Add</i>	22.30	
22 11 16 00-0363	EA		1-1/2", 125 Lb., Galvanized Cast Iron Flange .....	120.84	53.93
			<i>For Work In Restricted Working Space, Add</i>	24.26	
22 11 16 00-0364	EA		2", 125 Lb., Galvanized Cast Iron Flange .....	137.29	56.26
			<i>For Work In Restricted Working Space, Add</i>	25.32	
22 11 16 00-0365	EA		2-1/2", 125 Lb., Galvanized Cast Iron Flange .....	159.50	65.16
			<i>For Work In Restricted Working Space, Add</i>	29.29	
22 11 16 00-0366	EA		3", 125 Lb., Galvanized Cast Iron Flange .....	290.95	82.64
			<i>For Work In Restricted Working Space, Add</i>	37.17	
22 11 16 00-0367	EA		4", 125 Lb., Galvanized Cast Iron Flange .....	397.10	113.11
			<i>For Work In Restricted Working Space, Add</i>	50.87	
22 11 16 00-0368	EA		5", 125 Lb., Galvanized Cast Iron Flange .....	559.07	134.63
			<i>For Work In Restricted Working Space, Add</i>	60.56	
22 11 16 00-0369	EA		6", 125 Lb., Galvanized Cast Iron Flange .....	613.69	154.67
			<i>For Work In Restricted Working Space, Add</i>	69.57	
22 11 16 00-0370	EA		8", 125 Lb., Galvanized Cast Iron Flange .....	563.52	176.76
			<i>For Work In Restricted Working Space, Add</i>	79.50	
<b>22 11 16 00-0371</b>			<b>Cut And Thread Existing In-Place Galvanized Steel Pipe</b> <small>(22 11 16 00-0013)</small>		
			Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0372	EA		1/2", Cut And Thread Existing In Place Galvanized Steel Pipe .....	34.52	
			<i>For Work In Restricted Working Space, Add</i>	10.36	
22 11 16 00-0373	EA		3/4", Cut And Thread Existing In Place Galvanized Steel Pipe .....	37.97	
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0374	EA		1", Cut And Thread Existing In Place Galvanized Steel Pipe .....	41.43	
			<i>For Work In Restricted Working Space, Add</i>	12.43	
22 11 16 00-0375	EA		1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe .....	44.87	
			<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0376	EA		1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe .....	47.17	
			<i>For Work In Restricted Working Space, Add</i>	14.15	
22 11 16 00-0377	EA		2", Cut And Thread Existing In Place Galvanized Steel Pipe .....	49.47	
			<i>For Work In Restricted Working Space, Add</i>	14.84	
22 11 16 00-0378	EA		2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe .....	51.78	
			<i>For Work In Restricted Working Space, Add</i>	15.53	
22 11 16 00-0379	EA		3", Cut And Thread Existing In Place Galvanized Steel Pipe .....	54.07	
			<i>For Work In Restricted Working Space, Add</i>	16.22	
22 11 16 00-0380	EA		4", Cut And Thread Existing In Place Galvanized Steel Pipe .....	56.38	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
22 11 16 00-0381	EA		6", Cut And Thread Existing In Place Galvanized Steel Pipe .....	60.98	
			<i>For Work In Restricted Working Space, Add</i>	18.29	
22 11 16 00-0382	EA		8", Cut And Thread Existing In Place Galvanized Steel Pipe .....	65.58	
			<i>For Work In Restricted Working Space, Add</i>	19.67	
<b>22 11 16 00-0383</b>			<b>Copper Pipe And Fittings</b> <small>(22 11 16)</small>		
			Note: Excludes hangers. See CSI section 22 11 16 00-0748 for pipe with fittings assembly.		
<b>22 11 16 00-0384</b>			<b>Copper Tube/Pipe</b> <small>(22 11 16 00-0383)</small>		
			Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
<b>22 11 16 00-0385</b>			<b>Hard Drawn Type L Copper Tube/Pipe</b> <small>(22 11 16 00-0384)</small>		
22 11 16 00-0386	LF		1/4" Hard Drawn Type L Copper Tube/Pipe .....	5.43	2.59
			<i>For Up To 20, Add</i>	0.58	
			<i>For &gt;200, Deduct</i>	-0.16	
			<i>For Work In Restricted Working Space, Add</i>	1.16	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.12	
22 11 16 00-0387	LF		3/8" Hard Drawn Type L Copper Tube/Pipe .....	6.31	2.69
			<i>For Up To 20, Add</i>	0.69	
			<i>For &gt;200, Deduct</i>	-0.23	
			<i>For Work In Restricted Working Space, Add</i>	1.22	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.18	
22 11 16 00-0388	LF		1/2" Hard Drawn Type L Copper Tube/Pipe .....	6.91	2.81
			<i>For Up To 20, Add</i>	0.76	
			<i>For &gt;200, Deduct</i>	-0.27	
			<i>For Work In Restricted Working Space, Add</i>	1.27	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.22	
22 11 16 00-0389	LF		3/4" Hard Drawn Type L Copper Tube/Pipe .....	8.85	2.98
			<i>For Up To 20, Add</i>	0.99	
			<i>For &gt;200, Deduct</i>	-0.44	
			<i>For Work In Restricted Working Space, Add</i>	1.34	
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.35	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0390 LF 1" Hard Drawn Type L Copper Tube/Pipe .....	11.35	3.35
<i>For Up To 20, Add</i>	1.29	
<i>For &gt;200, Deduct</i>	-0.63	
<i>For Work In Restricted Working Space, Add</i>	1.51	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.51	
22 11 16 00-0391 LF 1-1/4" Hard Drawn Type L Copper Tube/Pipe .....	16.19	4.98
<i>For Up To 20, Add</i>	1.84	
<i>For &gt;200, Deduct</i>	-0.87	
<i>For Work In Restricted Working Space, Add</i>	2.24	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.70	
22 11 16 00-0392 LF 1-1/2" Hard Drawn Type L Copper Tube/Pipe .....	19.56	5.56
<i>For Up To 20, Add</i>	2.24	
<i>For &gt;200, Deduct</i>	-1.12	
<i>For Work In Restricted Working Space, Add</i>	2.50	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.90	
22 11 16 00-0393 LF 2" Hard Drawn Type L Copper Tube/Pipe .....	28.04	6.86
<i>For Up To 20, Add</i>	3.25	
<i>For &gt;200, Deduct</i>	-1.78	
<i>For Work In Restricted Working Space, Add</i>	3.08	
<i>For Medical/Oxygen Service Tubing, Add</i>	1.42	
22 11 16 00-0394 LF 2-1/2" Hard Drawn Type L Copper Tube/Pipe .....	49.88	8.06
<i>For Up To 20, Add</i>	5.63	
<i>For &gt;200, Deduct</i>	-2.57	
<i>For Work In Restricted Working Space, Add</i>	7.27	
<i>For Medical/Oxygen Service Tubing, Add</i>	2.05	
22 11 16 00-0395 LF 3" Hard Drawn Type L Copper Tube/Pipe .....	62.71	9.50
<i>For Up To 20, Add</i>	7.13	
<i>For &gt;200, Deduct</i>	-3.42	
<i>For Work In Restricted Working Space, Add</i>	8.54	
<i>For Medical/Oxygen Service Tubing, Add</i>	2.74	
22 11 16 00-0396 LF 4" Hard Drawn Type L Copper Tube/Pipe .....	93.16	10.72
<i>For Up To 20, Add</i>	10.84	
<i>For &gt;200, Deduct</i>	-6.10	
<i>For Work In Restricted Working Space, Add</i>	9.65	
<i>For Medical/Oxygen Service Tubing, Add</i>	4.88	
22 11 16 00-0397 LF 5" Hard Drawn Type L Copper Tube/Pipe .....	144.68	12.31
<i>For Up To 20, Add</i>	17.16	
<i>For &gt;200, Deduct</i>	-10.78	
<i>For Work In Restricted Working Space, Add</i>	11.08	
<i>For Medical/Oxygen Service Tubing, Add</i>	8.62	
22 11 16 00-0398 LF 6" Hard Drawn Type L Copper Tube/Pipe .....	198.97	19.08
<i>For Up To 20, Add</i>	23.44	
<i>For &gt;200, Deduct</i>	-14.18	
<i>For Work In Restricted Working Space, Add</i>	17.16	
<i>For Medical/Oxygen Service Tubing, Add</i>	11.34	
22 11 16 00-0399 LF 8" Hard Drawn Type L Copper Tube/Pipe .....	330.78	21.22
<i>For Up To 20, Add</i>	39.76	
<i>For &gt;200, Deduct</i>	-26.72	
<i>For Work In Restricted Working Space, Add</i>	19.08	
<i>For Medical/Oxygen Service Tubing, Add</i>	21.37	
<b>22 11 16 00-0400 Hard Drawn Type K Copper Tube/Pipe (22 11 16 00-0384)</b>		
22 11 16 00-0401 LF 1/4" Hard Drawn Type K Copper Tube/Pipe .....	5.91	2.79
<i>For Up To 20, Add</i>	0.63	
<i>For &gt;200, Deduct</i>	-0.17	
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.14	
22 11 16 00-0402 LF 3/8" Hard Drawn Type K Copper Tube/Pipe .....	7.89	2.90
<i>For Up To 20, Add</i>	0.87	
<i>For &gt;200, Deduct</i>	-0.31	
<i>For Work In Restricted Working Space, Add</i>	1.43	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.25	
22 11 16 00-0403 LF 1/2" Hard Drawn Type K Copper Tube/Pipe .....	8.31	3.01
<i>For Up To 20, Add</i>	0.92	
<i>For &gt;200, Deduct</i>	-0.37	
<i>For Work In Restricted Working Space, Add</i>	1.40	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.29	
22 11 16 00-0404 LF 3/4" Hard Drawn Type K Copper Tube/Pipe .....	11.99	3.20
<i>For Up To 20, Add</i>	1.36	
<i>For &gt;200, Deduct</i>	-0.66	
<i>For Work In Restricted Working Space, Add</i>	1.62	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.53	
22 11 16 00-0405 LF 1" Hard Drawn Type K Copper Tube/Pipe .....	14.50	3.60
<i>For Up To 20, Add</i>	1.67	
<i>For &gt;200, Deduct</i>	-0.88	
<i>For Work In Restricted Working Space, Add</i>	1.72	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.70	
22 11 16 00-0406 LF 1-1/4" Hard Drawn Type K Copper Tube/Pipe .....	19.05	5.35
<i>For Up To 20, Add</i>	2.18	
<i>For &gt;200, Deduct</i>	-1.09	
<i>For Work In Restricted Working Space, Add</i>	2.44	
<i>For Medical/Oxygen Service Tubing, Add</i>	0.87	



**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 11 Facility Water Distribution**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0407	LF		1-1/2" Hard Drawn Type K Copper Tube/Pipe .....	23.12	5.97
			<i>For Up To 20, Add</i>	2.66	
			<i>For &gt;200, Deduct</i>	-1.40	
			<i>For Work In Restricted Working Space, Add</i>	2.74	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.12	
22 11 16 00-0408	LF		2" Hard Drawn Type K Copper Tube/Pipe .....	32.70	7.37
			<i>For Up To 20, Add</i>	3.81	
			<i>For &gt;200, Deduct</i>	-2.15	
			<i>For Work In Restricted Working Space, Add</i>	3.36	
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.72	
22 11 16 00-0409	LF		2-1/2" Hard Drawn Type K Copper Tube/Pipe .....	56.38	8.66
			<i>For Up To 20, Add</i>	6.44	
			<i>For &gt;200, Deduct</i>	-3.21	
			<i>For Work In Restricted Working Space, Add</i>	7.30	
			<i>For Medical/Oxygen Service Tubing, Add</i>	2.56	
22 11 16 00-0410	LF		3" Hard Drawn Type K Copper Tube/Pipe .....	75.16	10.22
			<i>For Up To 20, Add</i>	8.61	
			<i>For &gt;200, Deduct</i>	-4.38	
			<i>For Work In Restricted Working Space, Add</i>	9.41	
			<i>For Medical/Oxygen Service Tubing, Add</i>	3.50	
22 11 16 00-0411	LF		4" Hard Drawn Type K Copper Tube/Pipe .....	113.60	11.52
			<i>For Up To 20, Add</i>	13.31	
			<i>For &gt;200, Deduct</i>	-7.81	
			<i>For Work In Restricted Working Space, Add</i>	10.66	
			<i>For Medical/Oxygen Service Tubing, Add</i>	6.25	
22 11 16 00-0412	LF		5" Hard Drawn Type K Copper Tube/Pipe .....	185.02	13.24
			<i>For Up To 20, Add</i>	22.08	
			<i>For &gt;200, Deduct</i>	-14.31	
			<i>For Work In Restricted Working Space, Add</i>	12.58	
			<i>For Medical/Oxygen Service Tubing, Add</i>	11.45	
22 11 16 00-0413	LF		6" Hard Drawn Type K Copper Tube/Pipe .....	272.90	20.51
			<i>For Up To 20, Add</i>	32.42	
			<i>For &gt;200, Deduct</i>	-20.53	
			<i>For Work In Restricted Working Space, Add</i>	20.28	
			<i>For Medical/Oxygen Service Tubing, Add</i>	16.42	
22 11 16 00-0414	LF		8" Hard Drawn Type K Copper Tube/Pipe .....	458.92	22.80
			<i>For Up To 20, Add</i>	55.50	
			<i>For &gt;200, Deduct</i>	-38.44	
			<i>For Work In Restricted Working Space, Add</i>	22.34	
			<i>For Medical/Oxygen Service Tubing, Add</i>	30.76	
22 11 16 00-0415			<b>Hard Drawn Type M Copper Tube/Pipe</b> (22 11 16 00-0384) .....		
22 11 16 00-0416	LF		3/8" Hard Drawn Type M Copper Tube/Pipe .....	5.26	2.43
			<i>For Up To 20, Add</i>	0.57	
			<i>For &gt;200, Deduct</i>	-0.18	
			<i>For Work In Restricted Working Space, Add</i>	1.05	
22 11 16 00-0417	LF		1/2" Hard Drawn Type M Copper Tube/Pipe .....	5.59	2.53
			<i>For Up To 20, Add</i>	0.61	
			<i>For &gt;200, Deduct</i>	-0.20	
			<i>For Work In Restricted Working Space, Add</i>	1.08	
22 11 16 00-0418	LF		3/4" Hard Drawn Type M Copper Tube/Pipe .....	7.06	2.68
			<i>For Up To 20, Add</i>	0.79	
			<i>For &gt;200, Deduct</i>	-0.32	
			<i>For Work In Restricted Working Space, Add</i>	1.16	
22 11 16 00-0419	LF		1" Hard Drawn Type M Copper Tube/Pipe .....	9.24	3.01
			<i>For Up To 20, Add</i>	1.05	
			<i>For &gt;200, Deduct</i>	-0.49	
			<i>For Work In Restricted Working Space, Add</i>	1.29	
22 11 16 00-0420	LF		1-1/4" Hard Drawn Type M Copper Tube/Pipe .....	13.81	4.49
			<i>For Up To 20, Add</i>	1.56	
			<i>For &gt;200, Deduct</i>	-0.72	
			<i>For Work In Restricted Working Space, Add</i>	1.98	
22 11 16 00-0421	LF		1-1/2" Hard Drawn Type M Copper Tube/Pipe .....	17.53	5.00
			<i>For Up To 20, Add</i>	2.00	
			<i>For &gt;200, Deduct</i>	-0.99	
			<i>For Work In Restricted Working Space, Add</i>	2.28	
22 11 16 00-0422	LF		2" Hard Drawn Type M Copper Tube/Pipe .....	25.05	6.16
			<i>For Up To 20, Add</i>	2.90	
			<i>For &gt;200, Deduct</i>	-1.56	
			<i>For Work In Restricted Working Space, Add</i>	2.83	
22 11 16 00-0423	LF		2-1/2" Hard Drawn Type M Copper Tube/Pipe .....	45.57	7.25
			<i>For Up To 20, Add</i>	5.12	
			<i>For &gt;200, Deduct</i>	-2.27	
			<i>For Work In Restricted Working Space, Add</i>	6.87	
22 11 16 00-0424	LF		3" Hard Drawn Type M Copper Tube/Pipe .....	55.87	8.55
			<i>For Up To 20, Add</i>	6.34	
			<i>For &gt;200, Deduct</i>	-3.02	
			<i>For Work In Restricted Working Space, Add</i>	7.71	
22 11 16 00-0425	LF		4" Hard Drawn Type M Copper Tube/Pipe .....	86.47	9.65
			<i>For Up To 20, Add</i>	10.06	
			<i>For &gt;200, Deduct</i>	-5.65	
			<i>For Work In Restricted Working Space, Add</i>	9.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0426 LF 5" Hard Drawn Type M Copper Tube/Pipe .....	144.27	11.08
<i>For Up To 20, Add</i>	17.17	
<i>For &gt;200, Deduct</i>	-10.96	
<i>For Work In Restricted Working Space, Add</i>	10.39	
22 11 16 00-0427 LF 6" Hard Drawn Type M Copper Tube/Pipe .....	200.10	17.18
<i>For Up To 20, Add</i>	23.67	
<i>For &gt;200, Deduct</i>	-14.65	
<i>For Work In Restricted Working Space, Add</i>	16.09	
22 11 16 00-0428 LF 8" Hard Drawn Type M Copper Tube/Pipe .....	336.56	19.09
<i>For Up To 20, Add</i>	40.60	
<i>For &gt;200, Deduct</i>	-27.76	
<i>For Work In Restricted Working Space, Add</i>	17.70	
<b>22 11 16 00-0429 Soft Drawn Type L Copper Tube (22 11 16 00-0384)</b>		
22 11 16 00-0430 LF 1/4" Soft Drawn Type L Copper Tube .....	5.87	2.59
<i>For Up To 20, Add</i>	0.64	
<i>For &gt;200, Deduct</i>	-0.20	
<i>For Work In Restricted Working Space, Add</i>	1.16	
22 11 16 00-0431 LF 3/8" Soft Drawn Type L Copper Tube .....	7.15	2.69
<i>For Up To 20, Add</i>	0.79	
<i>For &gt;200, Deduct</i>	-0.31	
<i>For Work In Restricted Working Space, Add</i>	1.22	
22 11 16 00-0432 LF 1/2" Soft Drawn Type L Copper Tube .....	8.37	2.81
<i>For Up To 20, Add</i>	0.94	
<i>For &gt;200, Deduct</i>	-0.42	
<i>For Work In Restricted Working Space, Add</i>	1.27	
22 11 16 00-0433 LF 3/4" Soft Drawn Type L Copper Tube .....	10.83	2.98
<i>For Up To 20, Add</i>	1.24	
<i>For &gt;200, Deduct</i>	-0.64	
<i>For Work In Restricted Working Space, Add</i>	1.34	
22 11 16 00-0434 LF 1" Soft Drawn Type L Copper Tube .....	13.83	3.35
<i>For Up To 20, Add</i>	1.60	
<i>For &gt;200, Deduct</i>	-0.88	
<i>For Work In Restricted Working Space, Add</i>	1.51	
22 11 16 00-0435 LF 1-1/4" Soft Drawn Type L Copper Tube .....	19.05	4.98
<i>For Up To 20, Add</i>	2.19	
<i>For &gt;200, Deduct</i>	-1.16	
<i>For Work In Restricted Working Space, Add</i>	2.24	
22 11 16 00-0436 LF 1-1/2" Soft Drawn Type L Copper Tube .....	24.04	5.56
<i>For Up To 20, Add</i>	2.80	
<i>For &gt;200, Deduct</i>	-1.57	
<i>For Work In Restricted Working Space, Add</i>	2.50	
22 11 16 00-0437 LF 2" Soft Drawn Type L Copper Tube .....	35.25	6.86
<i>For Up To 20, Add</i>	4.15	
<i>For &gt;200, Deduct</i>	-2.50	
<i>For Work In Restricted Working Space, Add</i>	3.08	
<b>22 11 16 00-0438 Soft Drawn Type K Copper Tube (22 11 16 00-0384)</b>		
22 11 16 00-0439 LF 1/4" Soft Drawn Type K Copper Tube .....	6.07	2.59
<i>For Up To 20, Add</i>	0.66	
<i>For &gt;200, Deduct</i>	-0.22	
<i>For Work In Restricted Working Space, Add</i>	1.16	
22 11 16 00-0440 LF 3/8" Soft Drawn Type K Copper Tube .....	7.79	2.69
<i>For Up To 20, Add</i>	0.87	
<i>For &gt;200, Deduct</i>	-0.37	
<i>For Work In Restricted Working Space, Add</i>	1.22	
22 11 16 00-0441 LF 1/2" Soft Drawn Type K Copper Tube .....	8.91	2.81
<i>For Up To 20, Add</i>	1.01	
<i>For &gt;200, Deduct</i>	-0.47	
<i>For Work In Restricted Working Space, Add</i>	1.27	
22 11 16 00-0442 LF 5/8" Soft Drawn Type K Copper Tube .....	9.93	2.90
<i>For Up To 20, Add</i>	1.13	
<i>For &gt;200, Deduct</i>	-0.56	
<i>For Work In Restricted Working Space, Add</i>	1.30	
22 11 16 00-0443 LF 3/4" Soft Drawn Type K Copper Tube .....	13.14	2.98
<i>For Up To 20, Add</i>	1.53	
<i>For &gt;200, Deduct</i>	-0.87	
<i>For Work In Restricted Working Space, Add</i>	1.34	
22 11 16 00-0444 LF 1" Soft Drawn Type K Copper Tube .....	16.53	3.35
<i>For Up To 20, Add</i>	1.94	
<i>For &gt;200, Deduct</i>	-1.15	
<i>For Work In Restricted Working Space, Add</i>	1.51	
22 11 16 00-0445 LF 1-1/4" Soft Drawn Type K Copper Tube .....	21.03	4.98
<i>For Up To 20, Add</i>	2.44	
<i>For &gt;200, Deduct</i>	-1.36	
<i>For Work In Restricted Working Space, Add</i>	2.24	
22 11 16 00-0446 LF 1-1/2" Soft Drawn Type K Copper Tube .....	27.19	5.56
<i>For Up To 20, Add</i>	3.19	
<i>For &gt;200, Deduct</i>	-1.89	
<i>For Work In Restricted Working Space, Add</i>	2.50	

**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 11 Facility Water Distribution**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0447	LF		2" Soft Drawn Type K Copper Tube.....	39.58	6.86
			For Up To 20, Add	4.69	
			For >200, Deduct	-2.93	
			For Work In Restricted Working Space, Add	3.08	
22 11 16 00-0448	LF		2-1/2" Soft Drawn Type K Copper Tube .....	56.28	8.23
			For Up To 20, Add	6.73	
			For >200, Deduct	-4.40	
			For Work In Restricted Working Space, Add	3.70	
22 11 16 00-0449	LF		3" Soft Drawn Type K Copper Tube.....	75.71	9.71
			For Up To 20, Add	9.10	
			For >200, Deduct	-6.12	
			For Work In Restricted Working Space, Add	4.37	
22 11 16 00-0450			<b>Copper And Brass Fittings</b> (22 11 16 00-0383)		
			Note: All fittings are based on 95/5 solder.		
22 11 16 00-0451			<b>90 Degree Copper Elbows</b> (22 11 16 00-0450)		
22 11 16 00-0452	EA		1/4" 90 Degree Copper Elbow .....	27.15	15.35
			For Silver Solder Instead Of 95/5 Solder, Add	3.66	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.51	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.45	
			For Street Fitting, Add	1.66	
			For Work In Restricted Working Space, Add	6.90	
22 11 16 00-0453	EA		3/8" 90 Degree Copper Elbow .....	31.99	18.41
			For Silver Solder Instead Of 95/5 Solder, Add	4.36	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.98	
			For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
			For Street Fitting, Add	1.75	
			For Work In Restricted Working Space, Add	8.28	
22 11 16 00-0454	EA		1/2" 90 Degree Copper Elbow .....	39.39	25.31
			For Silver Solder Instead Of 95/5 Solder, Add	5.77	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.87	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.70	
			For Street Fitting, Add	0.57	
			For Work In Restricted Working Space, Add	11.39	
22 11 16 00-0455	EA		3/4" 90 Degree Copper Elbow .....	50.37	31.53
			For Silver Solder Instead Of 95/5 Solder, Add	7.24	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.88	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
			For Street Fitting, Add	1.28	
			For Work In Restricted Working Space, Add	14.15	
22 11 16 00-0456	EA		1" 90 Degree Copper Elbow .....	64.19	37.62
			For Silver Solder Instead Of 95/5 Solder, Add	8.85	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.03	
			For Brazed Fittings Instead Of 95/5 Solder, Add	8.46	
			For Street Fitting, Add	3.12	
			For Work In Restricted Working Space, Add	16.91	
22 11 16 00-0457	EA		1-1/4" 90 Degree Copper Elbow .....	72.66	40.73
			For Silver Solder Instead Of 95/5 Solder, Add	9.73	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.68	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.15	
			For Street Fitting, Add	4.67	
			For Work In Restricted Working Space, Add	18.29	
22 11 16 00-0458	EA		1-1/2" 90 Degree Copper Elbow .....	85.00	44.53
			For Silver Solder Instead Of 95/5 Solder, Add	10.92	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.59	
			For Brazed Fittings Instead Of 95/5 Solder, Add	10.01	
			For Street Fitting, Add	7.31	
			For Work In Restricted Working Space, Add	20.02	
22 11 16 00-0459	EA		2" 90 Degree Copper Elbow .....	108.08	49.93
			For Silver Solder Instead Of 95/5 Solder, Add	12.88	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.14	
			For Brazed Fittings Instead Of 95/5 Solder, Add	11.22	
			For Street Fitting, Add	13.32	
			For Work In Restricted Working Space, Add	22.43	
22 11 16 00-0460	EA		2-1/2" 90 Degree Copper Elbow .....	135.00	50.85
			For Silver Solder Instead Of 95/5 Solder, Add	14.38	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.56	
			For Brazed Fittings Instead Of 95/5 Solder, Add	11.44	
			For Work In Restricted Working Space, Add	22.88	
22 11 16 00-0461	EA		3" 90 Degree Copper Elbow .....	173.93	60.82
			For Silver Solder Instead Of 95/5 Solder, Add	17.81	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-13.25	
			For Brazed Fittings Instead Of 95/5 Solder, Add	13.67	
			For Work In Restricted Working Space, Add	27.34	
22 11 16 00-0462	EA		4" 90 Degree Copper Elbow .....	330.19	86.25
			For Silver Solder Instead Of 95/5 Solder, Add	29.44	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-22.97	
			For Brazed Fittings Instead Of 95/5 Solder, Add	19.39	
			For Work In Restricted Working Space, Add	38.78	
22 11 16 00-0463	EA		5" 90 Degree Copper Elbow .....	1,018.69	118.03
			For Silver Solder Instead Of 95/5 Solder, Add	68.63	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-59.78	
			For Brazed Fittings Instead Of 95/5 Solder, Add	26.54	
			For Work In Restricted Working Space, Add	53.08	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0464 EA 6" 90 Degree Copper Elbow .....	1,379.59	171.75
For Silver Solder Instead Of 95/5 Solder, Add	94.73	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-81.85	
For Brazed Fittings Instead Of 95/5 Solder, Add	38.62	
For Work In Restricted Working Space, Add	77.24	
22 11 16 00-0465 EA 8" 90 Degree Copper Elbow .....	4,494.57	228.97
For Silver Solder Instead Of 95/5 Solder, Add	259.06	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-241.89	
For Brazed Fittings Instead Of 95/5 Solder, Add	51.49	
For Work In Restricted Working Space, Add	102.99	
<b>22 11 16 00-0466 90 Degree Brass Elbows (22 11 16 00-0450)</b>		
22 11 16 00-0467 EA 1/2" Drop Ear 90 Degree Brass Elbow .....	46.89	25.31
For Silver Solder Instead Of 95/5 Solder, Add	6.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.24	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.70	
For Work In Restricted Working Space, Add	11.39	
22 11 16 00-0468 EA 3/4" Drop Ear 90 Degree Brass Elbow .....	73.17	31.53
For Silver Solder Instead Of 95/5 Solder, Add	8.38	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.02	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
For Work In Restricted Working Space, Add	14.15	
22 11 16 00-0469 EA 1/2" Flanged Sink 90 Degree Brass Elbow .....	54.22	25.31
For Silver Solder Instead Of 95/5 Solder, Add	6.51	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.61	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.70	
For Work In Restricted Working Space, Add	11.39	
22 11 16 00-0470 EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	40.94	18.41
For Silver Solder Instead Of 95/5 Solder, Add	4.81	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.43	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
For Work In Restricted Working Space, Add	8.28	
22 11 16 00-0471 EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	47.52	25.31
For Silver Solder Instead Of 95/5 Solder, Add	6.17	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.27	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.70	
For Work In Restricted Working Space, Add	11.39	
22 11 16 00-0472 EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	63.98	31.53
For Silver Solder Instead Of 95/5 Solder, Add	7.92	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.56	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
For Work In Restricted Working Space, Add	14.15	
22 11 16 00-0473 EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded .....	110.03	37.62
For Silver Solder Instead Of 95/5 Solder, Add	11.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.32	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.46	
For Work In Restricted Working Space, Add	16.91	
<b>22 11 16 00-0474 Reducing 90 Degree Copper Elbows (22 11 16 00-0450)</b>		
22 11 16 00-0475 EA 1/2" Reducing 90 Degree Copper Elbow .....	49.49	25.31
For Silver Solder Instead Of 95/5 Solder, Add	6.27	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.37	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.70	
For Work In Restricted Working Space, Add	11.39	
22 11 16 00-0476 EA 3/4" Reducing 90 Degree Copper Elbow .....	55.34	31.53
For Silver Solder Instead Of 95/5 Solder, Add	7.48	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.13	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
For Work In Restricted Working Space, Add	14.15	
22 11 16 00-0477 EA 1" Reducing 90 Degree Copper Elbow .....	71.37	37.62
For Silver Solder Instead Of 95/5 Solder, Add	9.21	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.39	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.46	
For Work In Restricted Working Space, Add	16.91	
22 11 16 00-0478 EA 1-1/4" Reducing 90 Degree Copper Elbow .....	99.17	40.73
For Silver Solder Instead Of 95/5 Solder, Add	11.06	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.01	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.15	
For Work In Restricted Working Space, Add	18.29	
22 11 16 00-0479 EA 1-1/2" Reducing 90 Degree Copper Elbow .....	116.91	44.53
For Silver Solder Instead Of 95/5 Solder, Add	12.52	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.18	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.01	
For Work In Restricted Working Space, Add	20.02	
22 11 16 00-0480 EA 2" Reducing 90 Degree Copper Elbow .....	142.32	49.93
For Silver Solder Instead Of 95/5 Solder, Add	14.59	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.86	
For Brazed Fittings Instead Of 95/5 Solder, Add	11.22	
For Work In Restricted Working Space, Add	22.43	
<b>22 11 16 00-0481 45 Degree Copper Elbows (22 11 16 00-0450)</b>		

**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0482	EA 1/4" 45 Degree Copper Elbow .....	30.74	15.35
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.84	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.69	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.45	
	<i>For Street Fitting, Add</i>	3.09	
	<i>For Work In Restricted Working Space, Add</i>	6.90	
22 11 16 00-0483	EA 3/8" 45 Degree Copper Elbow .....	34.24	18.41
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.47	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.09	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
	<i>For Street Fitting, Add</i>	2.65	
	<i>For Work In Restricted Working Space, Add</i>	8.28	
22 11 16 00-0484	EA 1/2" 45 Degree Copper Elbow .....	40.57	25.31
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.83	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.93	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.70	
	<i>For Street Fitting, Add</i>	1.04	
	<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0485	EA 3/4" 45 Degree Copper Elbow .....	51.63	31.53
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.30	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.94	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.08	
	<i>For Street Fitting, Add</i>	1.78	
	<i>For Work In Restricted Working Space, Add</i>	14.15	
22 11 16 00-0486	EA 1" 45 Degree Copper Elbow .....	67.50	37.62
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.01	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.19	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.46	
	<i>For Street Fitting, Add</i>	4.45	
	<i>For Work In Restricted Working Space, Add</i>	16.91	
22 11 16 00-0487	EA 1-1/4" 45 Degree Copper Elbow .....	76.05	40.73
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.90	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.85	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.15	
	<i>For Street Fitting, Add</i>	6.03	
	<i>For Work In Restricted Working Space, Add</i>	18.29	
22 11 16 00-0488	EA 1-1/2" 45 Degree Copper Elbow .....	85.23	44.53
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.93	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.60	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.01	
	<i>For Street Fitting, Add</i>	7.40	
	<i>For Work In Restricted Working Space, Add</i>	20.02	
22 11 16 00-0489	EA 2" 45 Degree Copper Elbow .....	105.63	49.93
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.76	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.02	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.22	
	<i>For Work In Restricted Working Space, Add</i>	22.43	
22 11 16 00-0490	EA 2-1/2" 45 Degree Copper Elbow .....	134.29	50.85
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.34	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.53	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.44	
	<i>For Work In Restricted Working Space, Add</i>	22.88	
22 11 16 00-0491	EA 3" 45 Degree Copper Elbow .....	177.20	60.82
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.97	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.42	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.67	
	<i>For Work In Restricted Working Space, Add</i>	27.34	
22 11 16 00-0492	EA 4" 45 Degree Copper Elbow .....	312.80	86.25
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.57	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.10	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.39	
	<i>For Work In Restricted Working Space, Add</i>	38.78	
22 11 16 00-0493	EA 5" 45 Degree Copper Elbow .....	887.77	118.03
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	62.08	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-53.24	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	26.54	
	<i>For Work In Restricted Working Space, Add</i>	53.08	
22 11 16 00-0494	EA 6" 45 Degree Copper Elbow .....	1,377.68	171.75
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	94.63	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-81.76	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	38.62	
	<i>For Work In Restricted Working Space, Add</i>	77.24	
22 11 16 00-0495	EA 8" 45 Degree Copper Elbow .....	4,149.69	228.97
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	241.81	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-224.65	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	51.49	
	<i>For Work In Restricted Working Space, Add</i>	102.99	
22 11 16 00-0496	<b>Straight Copper And Brass Tees (22 11 16 00-0450)</b>		
22 11 16 00-0497	EA 1/4" Straight Copper Tee .....	43.20	23.01
	<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.61	
	<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.89	
	<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.18	
	<i>For Work In Restricted Working Space, Add</i>	10.36	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0498	EA		3/8" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.41 6.56 -4.49 6.21 12.43	27.61
22 11 16 00-0499	EA		1/2" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	59.98 8.75 -5.88 8.63 17.26	38.42
22 11 16 00-0500	EA		3/4" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	77.17 10.99 -7.43 10.70 21.40	47.64
22 11 16 00-0501	EA		1" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	102.71 13.65 -9.39 12.77 25.55	56.84
22 11 16 00-0502	EA		1-1/4" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	116.50 15.03 -10.43 13.81 27.61	61.44
22 11 16 00-0503	EA		1-1/2" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	137.10 16.87 -11.86 15.02 30.03	66.73
22 11 16 00-0504	EA		2" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	171.58 19.86 -14.22 16.91 33.83	75.25
22 11 16 00-0505	EA		2-1/2" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.10 22.40 -16.68 17.16 34.33	76.28
22 11 16 00-0506	EA		3" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	297.64 28.66 -21.77 20.66 41.32	91.86
22 11 16 00-0507	EA		4" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	579.86 48.28 -38.63 28.92 57.85	128.63
22 11 16 00-0508	EA		5" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,529.00 102.83 -89.64 39.57 79.15	175.99
22 11 16 00-0509	EA		6" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,116.22 144.48 -125.15 58.01 116.02	257.99
22 11 16 00-0510	EA		8" Straight Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,186.35 410.81 -385.06 77.24 154.48	343.50
22 11 16 00-0511	EA		1/2" Cast Bronze Drop Ear Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.56 9.38 -6.50 8.63 17.26	38.42
<b>22 11 16 00-0512</b>			<b>Reducing Copper Tees</b> (22 11 16 00-0450)		
22 11 16 00-0513	EA		3/8" Reducing Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.62 6.21 -4.37 5.52 11.04	24.51
22 11 16 00-0514	EA		1/2" Reducing Copper Tee ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.93 8.37 -5.79 7.77 15.53	34.52





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0515	EA		3/4" Reducing Copper Tee.....	72.92	44.53
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.01	
			<i>For Work In Restricted Working Space, Add</i>	20.02	
22 11 16 00-0516	EA		1" Reducing Copper Tee.....	100.23	53.73
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.07	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.04	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.08	
			<i>For Work In Restricted Working Space, Add</i>	24.16	
22 11 16 00-0517	EA		1-1/4" Reducing Copper Tee.....	117.30	58.33
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.61	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.24	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.12	
			<i>For Work In Restricted Working Space, Add</i>	26.23	
22 11 16 00-0518	EA		1-1/2" Reducing Copper Tee.....	137.71	63.74
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.44	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.66	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	14.33	
			<i>For Work In Restricted Working Space, Add</i>	28.65	
22 11 16 00-0519	EA		2" Reducing Copper Tee.....	168.04	71.33
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	19.10	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.75	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.05	
			<i>For Work In Restricted Working Space, Add</i>	32.10	
22 11 16 00-0520	EA		2-1/2" Reducing Copper Tee.....	224.85	73.53
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	22.26	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.75	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.53	
			<i>For Work In Restricted Working Space, Add</i>	33.06	
22 11 16 00-0521	EA		3" Reducing Copper Tee.....	315.45	84.76
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.49	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.07	
			<i>For Work In Restricted Working Space, Add</i>	38.15	
22 11 16 00-0522	EA		4" Reducing Copper Tee.....	553.21	104.58
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	43.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-35.50	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	23.52	
			<i>For Work In Restricted Working Space, Add</i>	47.05	
<b>22 11 16 00-0523</b>			<b>Copper Couplings</b> <small>(22 11 16 00-0450)</small>		
22 11 16 00-0524	EA		1/4" Copper Coupling.....	19.93	12.77
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.91	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.95	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.87	
			<i>For Work In Restricted Working Space, Add</i>	5.73	
22 11 16 00-0525	EA		3/8" Copper Coupling.....	24.02	15.31
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.49	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.35	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.44	
			<i>For Work In Restricted Working Space, Add</i>	6.88	
22 11 16 00-0526	EA		1/2" Copper Coupling.....	32.43	20.94
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.77	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.20	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.73	
			<i>For Work In Restricted Working Space, Add</i>	9.46	
22 11 16 00-0527	EA		3/4" Copper Coupling.....	41.00	26.12
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.97	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.01	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.87	
			<i>For Work In Restricted Working Space, Add</i>	11.75	
22 11 16 00-0528	EA		1" Copper Coupling.....	50.46	31.18
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.20	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.86	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.02	
			<i>For Work In Restricted Working Space, Add</i>	14.04	
22 11 16 00-0529	EA		1-1/4" Copper Coupling.....	57.09	33.71
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.92	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.39	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.59	
			<i>For Work In Restricted Working Space, Add</i>	15.19	
22 11 16 00-0530	EA		1-1/2" Copper Coupling.....	63.95	36.93
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.97	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.31	
			<i>For Work In Restricted Working Space, Add</i>	16.62	
22 11 16 00-0531	EA		2" Copper Coupling.....	76.32	41.30
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.92	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.31	
			<i>For Work In Restricted Working Space, Add</i>	18.62	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 16 00-0532	EA		2-1/2" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.05 10.72 -7.59 9.41 18.82	41.75
	22 11 16 00-0533	EA		3" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.45 13.43 -9.55 11.64 23.28	51.70
	22 11 16 00-0534	EA		4" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	188.93 20.44 -14.95 16.50 32.99	73.21
	22 11 16 00-0535	EA		5" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	323.77 32.11 -24.15 23.89 47.77	106.06
	22 11 16 00-0536	EA		6" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	503.61 48.35 -36.77 34.76 69.52	154.38
	22 11 16 00-0537	EA		8" Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,190.31 90.41 -74.96 46.34 92.69	205.76
	<b>22 11 16 00-0538</b>			<b>Reducing Copper Couplings</b> (22 11 16 00-0450)		
	22 11 16 00-0539	EA		3/8" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.81 3.24 -2.19 3.15 6.30	14.04
	22 11 16 00-0540	EA		1/2" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.12 4.18 -2.82 4.08 8.17	18.18
	22 11 16 00-0541	EA		3/4" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.60 5.46 -3.70 5.30 10.60	23.58
	22 11 16 00-0542	EA		1" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	48.90 6.74 -4.59 6.45 12.89	28.65
	22 11 16 00-0543	EA		1-1/4" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	56.95 7.72 -5.28 7.31 14.61	32.44
	22 11 16 00-0544	EA		1-1/2" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	66.65 8.63 -5.98 7.95 15.90	35.32
	22 11 16 00-0545	EA		2" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.84 9.87 -6.93 8.81 17.62	39.12
	22 11 16 00-0546	EA		2-1/2" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	99.01 10.95 -7.95 8.99 17.99	39.94
	22 11 16 00-0547	EA		3" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	118.47 12.94 -9.43 10.53 21.05	46.72
	22 11 16 00-0548	EA		4" Reducing Copper Coupling ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.67 18.86 -14.17 14.07 28.14	62.51

**22 Plumbing**

**22 10 Plumbing Piping**

**22 11 Facility Water Distribution**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0549	EA		5" Reducing Copper Coupling.....	506.22	87.51
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	38.44	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-31.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.70	
			<i>For Work In Restricted Working Space, Add</i>	39.40	
22 11 16 00-0550	EA		6" Reducing Copper Coupling.....	748.10	111.57
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.16	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-45.78	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	25.13	
			<i>For Work In Restricted Working Space, Add</i>	50.27	
22 11 16 00-0551	EA		8" Reducing Copper Coupling.....	1,500.87	179.91
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	102.06	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-88.55	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	40.53	
			<i>For Work In Restricted Working Space, Add</i>	81.05	
<b>22 11 16 00-0552 Male Copper Adapters (22 11 16 00-0450)</b>					
22 11 16 00-0553	EA		1/4" Male Copper Adapter.....	37.65	14.95
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.18	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.03	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.45	
			<i>For Work In Restricted Working Space, Add</i>	6.90	
22 11 16 00-0554	EA		3/8" Male Copper Adapter.....	34.91	18.41
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.51	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.13	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
22 11 16 00-0555	EA		1/2" Male Copper Adapter.....	37.48	23.01
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.33	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.60	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.18	
			<i>For Work In Restricted Working Space, Add</i>	10.36	
22 11 16 00-0556	EA		3/4" Male Copper Adapter.....	47.58	28.77
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.64	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.51	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	12.77	
22 11 16 00-0557	EA		1" Male Copper Adapter.....	62.21	33.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.06	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.58	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.42	
			<i>For Work In Restricted Working Space, Add</i>	14.84	
22 11 16 00-0558	EA		1-1/4" Male Copper Adapter.....	76.07	37.97
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.56	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.63	
			<i>For Work In Restricted Working Space, Add</i>	17.26	
22 11 16 00-0559	EA		1-1/2" Male Copper Adapter.....	87.28	43.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.92	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.64	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.84	
			<i>For Work In Restricted Working Space, Add</i>	19.67	
22 11 16 00-0560	EA		2" Male Copper Adapter.....	120.72	55.80
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.44	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.24	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.60	
			<i>For Work In Restricted Working Space, Add</i>	25.20	
22 11 16 00-0561	EA		2-1/2" Male Copper Adapter.....	213.21	72.49
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.48	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.07	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.22	
			<i>For Work In Restricted Working Space, Add</i>	32.45	
22 11 16 00-0562	EA		3" Male Copper Adapter.....	283.18	96.68
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.57	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-21.36	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	21.61	
			<i>For Work In Restricted Working Space, Add</i>	43.23	
22 11 16 00-0563	EA		4" Male Copper Adapter.....	425.86	135.62
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	41.64	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-31.46	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	30.51	
			<i>For Work In Restricted Working Space, Add</i>	61.03	
<b>22 11 16 00-0564 Female Copper Adapters (22 11 16 00-0450)</b>					
22 11 16 00-0565	EA		1/4" Female Copper Adapter.....	32.36	14.95
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.92	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.77	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.45	
			<i>For Work In Restricted Working Space, Add</i>	6.90	
22 11 16 00-0566	EA		3/8" Female Copper Adapter.....	37.39	18.41
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.63	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.25	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For Work In Restricted Working Space, Add</i>	8.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0567 EA 1/2" Female Copper Adapter .....	39.25	23.01
For Silver Solder Instead Of 95/5 Solder, Add	5.41	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.69	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.18	
For Work In Restricted Working Space, Add	10.36	
22 11 16 00-0568 EA 3/4" Female Copper Adapter .....	49.04	28.77
For Silver Solder Instead Of 95/5 Solder, Add	6.71	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.58	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.39	
For Work In Restricted Working Space, Add	12.77	
22 11 16 00-0569 EA 1" Female Copper Adapter .....	64.26	33.37
For Silver Solder Instead Of 95/5 Solder, Add	8.16	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.69	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.42	
For Work In Restricted Working Space, Add	14.84	
22 11 16 00-0570 EA 1-1/4" Female Copper Adapter .....	79.23	37.97
For Silver Solder Instead Of 95/5 Solder, Add	9.71	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.84	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.63	
For Work In Restricted Working Space, Add	17.26	
22 11 16 00-0571 EA 1-1/2" Female Copper Adapter .....	99.55	43.72
For Silver Solder Instead Of 95/5 Solder, Add	11.54	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.26	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.84	
For Work In Restricted Working Space, Add	19.67	
22 11 16 00-0572 EA 2" Female Copper Adapter .....	130.07	55.80
For Silver Solder Instead Of 95/5 Solder, Add	14.90	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.70	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.60	
For Work In Restricted Working Space, Add	25.20	
22 11 16 00-0573 EA 2-1/2" Female Copper Adapter .....	247.83	66.75
For Silver Solder Instead Of 95/5 Solder, Add	22.35	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.37	
For Brazed Fittings Instead Of 95/5 Solder, Add	14.94	
For Work In Restricted Working Space, Add	29.88	
22 11 16 00-0574 EA 3" Female Copper Adapter .....	393.81	96.68
For Silver Solder Instead Of 95/5 Solder, Add	34.10	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-26.90	
For Brazed Fittings Instead Of 95/5 Solder, Add	21.61	
For Work In Restricted Working Space, Add	43.23	
<b>22 11 16 00-0575 Wrot Copper, Solder Union (22 11 16 00-0450)</b>		
22 11 16 00-0576 EA 1/4" Wrot Copper, Solder Union .....	40.41	18.41
For Silver Solder Instead Of 95/5 Solder, Add	4.78	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.40	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.14	
For Work In Restricted Working Space, Add	8.28	
22 11 16 00-0577 EA 3/8" Wrot Copper, Solder Union .....	46.55	22.20
For Silver Solder Instead Of 95/5 Solder, Add	5.66	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.00	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.01	
For Work In Restricted Working Space, Add	10.01	
22 11 16 00-0578 EA 1/2" Wrot Copper, Solder Union .....	49.58	27.61
For Silver Solder Instead Of 95/5 Solder, Add	6.62	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.55	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.21	
For Work In Restricted Working Space, Add	12.43	
22 11 16 00-0579 EA 3/4" Wrot Copper, Solder Union .....	57.19	31.53
For Silver Solder Instead Of 95/5 Solder, Add	7.58	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.22	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.08	
For Work In Restricted Working Space, Add	14.15	
22 11 16 00-0580 EA 1" Wrot Copper, Solder Union .....	73.60	37.62
For Silver Solder Instead Of 95/5 Solder, Add	9.32	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.50	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.46	
For Work In Restricted Working Space, Add	16.91	
22 11 16 00-0581 EA 1-1/4" Wrot Copper, Solder Union .....	87.07	41.43
For Silver Solder Instead Of 95/5 Solder, Add	10.57	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.46	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
For Work In Restricted Working Space, Add	18.64	
22 11 16 00-0582 EA 1-1/2" Wrot Copper, Solder Union .....	104.20	46.03
For Silver Solder Instead Of 95/5 Solder, Add	12.11	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.36	
For Work In Restricted Working Space, Add	20.71	
22 11 16 00-0583 EA 2" Wrot Copper, Solder Union .....	142.78	55.23
For Silver Solder Instead Of 95/5 Solder, Add	15.42	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-11.28	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.43	
For Work In Restricted Working Space, Add	24.85	

**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0584	EA		2-1/2" Wrot Copper, Solder Union .....	254.58	60.82
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.84	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.29	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.67	
			<i>For Work In Restricted Working Space, Add</i>	27.34	
22 11 16 00-0585	EA		3" Wrot Copper, Solder Union .....	552.24	86.25
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	40.54	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-34.08	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.39	
			<i>For Work In Restricted Working Space, Add</i>	38.78	
<b>22 11 16 00-0586</b>			<b>Cast Bronze, Solder Union</b> <small>(22 11 16 00-0450)</small>		
22 11 16 00-0587	EA		1/4" Cast Bronze, Solder Union .....	45.12	18.41
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.64	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
22 11 16 00-0588	EA		3/8" Cast Bronze, Solder Union .....	51.01	22.20
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.89	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.22	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.01	
			<i>For Work In Restricted Working Space, Add</i>	10.01	
22 11 16 00-0589	EA		1/2" Cast Bronze, Solder Union .....	50.82	27.61
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.68	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.61	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.21	
			<i>For Work In Restricted Working Space, Add</i>	12.43	
22 11 16 00-0590	EA		3/4" Cast Bronze, Solder Union .....	58.94	31.53
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.66	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.31	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.08	
			<i>For Work In Restricted Working Space, Add</i>	14.15	
22 11 16 00-0591	EA		1" Cast Bronze, Solder Union .....	76.64	37.62
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.47	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.65	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.46	
			<i>For Work In Restricted Working Space, Add</i>	16.91	
22 11 16 00-0592	EA		1-1/4" Cast Bronze, Solder Union .....	95.38	41.43
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.98	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.32	
			<i>For Work In Restricted Working Space, Add</i>	18.64	
22 11 16 00-0593	EA		1-1/2" Cast Bronze, Solder Union .....	112.88	46.03
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.55	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.10	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.36	
			<i>For Work In Restricted Working Space, Add</i>	20.71	
22 11 16 00-0594	EA		2" Cast Bronze, Solder Union .....	157.55	55.23
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.16	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-12.02	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.43	
			<i>For Work In Restricted Working Space, Add</i>	24.85	
22 11 16 00-0595	EA		2-1/2" Cast Bronze, Solder Union .....	254.57	60.82
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.84	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.67	
			<i>For Work In Restricted Working Space, Add</i>	27.34	
22 11 16 00-0596	EA		3" Cast Bronze, Solder Union .....	552.24	86.25
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	40.54	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-34.08	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.39	
			<i>For Work In Restricted Working Space, Add</i>	38.78	
<b>22 11 16 00-0597</b>			<b>Cast Bronze, Solder X Female Threaded Union</b> <small>(22 11 16 00-0450)</small>		
22 11 16 00-0598	EA		1/4" Cast Bronze, Solder X Female Threaded Union .....	51.50	18.41
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.34	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.96	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.14	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
22 11 16 00-0599	EA		3/8" Cast Bronze, Solder X Female Threaded Union .....	58.09	22.20
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.24	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.57	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.01	
			<i>For Work In Restricted Working Space, Add</i>	10.01	
22 11 16 00-0600	EA		1/2" Cast Bronze, Solder X Female Threaded Union .....	61.06	27.61
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.20	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.12	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.21	
			<i>For Work In Restricted Working Space, Add</i>	12.43	
22 11 16 00-0601	EA		3/4" Cast Bronze, Solder X Female Threaded Union .....	73.93	31.53
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.41	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.06	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.08	
			<i>For Work In Restricted Working Space, Add</i>	14.15	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 16 00-0602	EA		1" Cast Bronze, Solder X Female Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	112.04 11.24 -8.42 8.46 16.91	37.62
	22 11 16 00-0603	EA		1-1/4" Cast Bronze, Solder X Female Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.86 14.51 -11.40 9.32 18.64	41.43
	22 11 16 00-0604	EA		1-1/2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	200.45 16.93 -13.47 10.36 20.71	46.03
	22 11 16 00-0605	EA		2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	305.28 23.55 -19.41 12.43 24.85	55.23
	22 11 16 00-0606	EA		2-1/2" Cast Bronze, Solder X Female Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	512.79 34.75 -30.20 13.67 27.34	60.82
	<b>22 11 16 00-0607</b>			<b>Cast Bronze, Solder X Male Threaded Union</b> (22 11 16 00-0450)		
	22 11 16 00-0608	EA		1/4" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	45.81 5.05 -3.67 4.14 8.28	18.41
	22 11 16 00-0609	EA		3/8" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.61 6.07 -4.40 5.01 10.01	22.20
	22 11 16 00-0610	EA		1/2" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	56.93 6.99 -4.92 6.21 12.43	27.61
	22 11 16 00-0611	EA		3/4" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.43 8.24 -5.88 7.08 14.15	31.53
	22 11 16 00-0612	EA		1" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.64 11.32 -8.50 8.46 16.91	37.62
	22 11 16 00-0613	EA		1-1/4" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.16 12.87 -9.76 9.32 18.64	41.43
	22 11 16 00-0614	EA		1-1/2" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.65 14.09 -10.63 10.36 20.71	46.03
	22 11 16 00-0615	EA		2" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	197.44 18.16 -14.01 12.43 24.85	55.23
	22 11 16 00-0616	EA		2-1/2" Cast Bronze, Solder X Male Threaded Union ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	426.96 30.46 -25.90 13.67 27.34	60.82
	<b>22 11 16 00-0617</b>			<b>Copper Caps</b> (22 11 16 00-0450)		
	22 11 16 00-0618	EA		1/4" Copper Cap ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.85 1.20 -0.82 1.14 2.28	5.06
	22 11 16 00-0619	EA		3/8" Copper Cap ..... <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.12 1.47 -1.01 1.37 2.73	5.98





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0620	EA		1/2" Copper Cap .....	13.56	8.29
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	1.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.30	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	1.88	
			<i>For Work In Restricted Working Space, Add</i>	3.76	
22 11 16 00-0621	EA		3/4" Copper Cap .....	17.50	10.24
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.43	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-1.65	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.34	
			<i>For Work In Restricted Working Space, Add</i>	4.67	
22 11 16 00-0622	EA		1" Copper Cap .....	23.15	12.31
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.02	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.09	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	2.79	
			<i>For Work In Restricted Working Space, Add</i>	5.58	
22 11 16 00-0623	EA		1-1/4" Copper Cap .....	26.21	13.23
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.32	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.02	
			<i>For Work In Restricted Working Space, Add</i>	6.04	
22 11 16 00-0624	EA		1-1/2" Copper Cap .....	30.86	14.50
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.75	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.64	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.30	
			<i>For Work In Restricted Working Space, Add</i>	6.61	
22 11 16 00-0625	EA		2" Copper Cap .....	39.06	15.04
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.23	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.09	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.41	
			<i>For Work In Restricted Working Space, Add</i>	6.82	
22 11 16 00-0626	EA		2-1/2" Copper Cap .....	70.70	17.59
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.21	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.87	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.01	
			<i>For Work In Restricted Working Space, Add</i>	8.01	
22 11 16 00-0627	EA		3" Copper Cap .....	97.18	22.57
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.28	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.57	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.13	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
22 11 16 00-0628	EA		4" Copper Cap .....	170.63	34.12
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.70	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.12	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.76	
			<i>For Work In Restricted Working Space, Add</i>	15.51	
22 11 16 00-0629	EA		5" Cast Bronze Cap .....	915.63	52.56
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	53.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-49.76	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.94	
			<i>For Work In Restricted Working Space, Add</i>	23.89	
22 11 16 00-0630	EA		6" Cast Bronze Cap .....	1,781.48	76.49
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	100.66	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-94.87	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	17.38	
			<i>For Work In Restricted Working Space, Add</i>	34.76	
22 11 16 00-0631	EA		8" Cast Bronze Cap .....	2,268.40	101.93
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	128.87	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-121.14	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	23.17	
			<i>For Work In Restricted Working Space, Add</i>	46.34	
22 11 16 00-0632			<b>Copper Crosses</b> (22 11 16 00-0450)		
22 11 16 00-0633	EA		1/2" Copper Cross .....	86.20	46.62
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.30	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.81	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.49	
			<i>For Work In Restricted Working Space, Add</i>	20.98	
22 11 16 00-0634	EA		3/4" Copper Cross .....	118.51	57.96
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.61	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.27	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.03	
			<i>For Work In Restricted Working Space, Add</i>	26.06	
22 11 16 00-0635	EA		1" Copper Cross .....	157.56	69.19
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.26	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.07	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.57	
			<i>For Work In Restricted Working Space, Add</i>	31.15	
22 11 16 00-0636	EA		1-1/4" Copper Cross .....	189.53	74.91
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.71	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.09	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	16.85	
			<i>For Work In Restricted Working Space, Add</i>	33.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0637 EA 1-1/2" Copper Cross .....	232.98	81.90
For Silver Solder Instead Of 95/5 Solder, Add	23.94	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.79	
For Brazed Fittings Instead Of 95/5 Solder, Add	18.44	
For Work In Restricted Working Space, Add	36.87	
22 11 16 00-0638 EA 2" Copper Cross .....	345.67	91.86
For Silver Solder Instead Of 95/5 Solder, Add	31.06	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-24.17	
For Brazed Fittings Instead Of 95/5 Solder, Add	20.66	
For Work In Restricted Working Space, Add	41.32	
22 11 16 00-0639 EA 2-1/2" Copper Cross .....	631.89	101.72
For Silver Solder Instead Of 95/5 Solder, Add	46.85	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-39.22	
For Brazed Fittings Instead Of 95/5 Solder, Add	22.89	
For Work In Restricted Working Space, Add	45.77	
<b>22 11 16 00-0640 Cast Bronze Crosses (22 11 16 00-0450)</b>		
22 11 16 00-0641 EA 3/8" Cast Bronze Cross .....	72.55	33.91
For Silver Solder Instead Of 95/5 Solder, Add	8.71	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.17	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.63	
For Work In Restricted Working Space, Add	15.26	
22 11 16 00-0642 EA 1/2" Cast Bronze Cross .....	89.46	46.62
For Silver Solder Instead Of 95/5 Solder, Add	11.47	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.97	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.49	
For Work In Restricted Working Space, Add	20.98	
22 11 16 00-0643 EA 3/4" Cast Bronze Cross .....	124.83	57.96
For Silver Solder Instead Of 95/5 Solder, Add	14.93	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.59	
For Brazed Fittings Instead Of 95/5 Solder, Add	13.03	
For Work In Restricted Working Space, Add	26.06	
22 11 16 00-0644 EA 1" Cast Bronze Cross .....	168.29	69.19
For Silver Solder Instead Of 95/5 Solder, Add	18.80	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-13.61	
For Brazed Fittings Instead Of 95/5 Solder, Add	15.57	
For Work In Restricted Working Space, Add	31.15	
22 11 16 00-0645 EA 1-1/4" Cast Bronze Cross .....	204.98	74.91
For Silver Solder Instead Of 95/5 Solder, Add	21.48	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-15.86	
For Brazed Fittings Instead Of 95/5 Solder, Add	16.85	
For Work In Restricted Working Space, Add	33.69	
22 11 16 00-0646 EA 1-1/2" Cast Bronze Cross .....	254.99	81.90
For Silver Solder Instead Of 95/5 Solder, Add	25.04	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-18.90	
For Brazed Fittings Instead Of 95/5 Solder, Add	18.44	
For Work In Restricted Working Space, Add	36.87	
22 11 16 00-0647 EA 2" Cast Bronze Cross .....	362.15	91.86
For Silver Solder Instead Of 95/5 Solder, Add	31.88	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-24.99	
For Brazed Fittings Instead Of 95/5 Solder, Add	20.66	
For Work In Restricted Working Space, Add	41.32	
22 11 16 00-0648 EA 2-1/2" Cast Bronze Cross .....	727.75	101.72
For Silver Solder Instead Of 95/5 Solder, Add	51.64	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-44.02	
For Brazed Fittings Instead Of 95/5 Solder, Add	22.89	
For Work In Restricted Working Space, Add	45.77	
<b>22 11 16 00-0649 Flexible Corrugated Copper Supply Line (22 11 16 00-0450)</b>		
22 11 16 00-0650 EA 3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line .....	77.50	31.53
22 11 16 00-0651 EA 3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line .....	81.15	31.53
22 11 16 00-0652 EA 3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line .....	70.94	31.53
22 11 16 00-0653 EA 3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line .....	75.07	31.53
22 11 16 00-0654 EA 3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line .....	78.72	31.53
22 11 16 00-0655 EA 3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line .....	81.15	31.53
<b>22 11 16 00-0656 Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0383)</b>		
22 11 16 00-0657 EA Up To 1/2", Cut And Prepare Existing In Place Copper Pipe .....	11.51	
22 11 16 00-0658 EA 3/4", Cut And Prepare Existing In Place Copper Pipe .....	12.43	
22 11 16 00-0659 EA 1", Cut And Prepare Existing In Place Copper Pipe .....	13.98	
22 11 16 00-0660 EA 1-1/4", Cut And Prepare Existing In Place Copper Pipe .....	14.67	
22 11 16 00-0661 EA 1-1/2", Cut And Prepare Existing In Place Copper Pipe .....	15.53	
22 11 16 00-0662 EA 2", Cut And Prepare Existing In Place Copper Pipe .....	17.09	
22 11 16 00-0663 EA 2-1/2", Cut And Prepare Existing In Place Copper Pipe .....	18.41	
22 11 16 00-0664 EA 3", Cut And Prepare Existing In Place Copper Pipe .....	21.75	
22 11 16 00-0665 EA 4", Cut And Prepare Existing In Place Copper Pipe .....	29.34	
22 11 16 00-0666 EA 6", Cut And Prepare Existing In Place Copper Pipe .....	41.93	
22 11 16 00-0667 EA 8", Cut And Prepare Existing In Place Copper Pipe .....	55.91	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0668			<b>Sweat Brass Companion Flanges</b> (22 11 16 00-0383) Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0669	EA		1" Sweat Brass Companion Flange .....	71.39	17.69
22 11 16 00-0670	EA		1-1/4" Sweat Brass Companion Flange .....	77.89	19.49
22 11 16 00-0671	EA		1-1/2" Sweat Brass Companion Flange .....	113.06	21.19
22 11 16 00-0672	EA		2" Sweat Brass Companion Flange .....	152.54	23.52
22 11 16 00-0673	EA		2-1/2" Sweat Brass Companion Flange .....	178.06	28.29
22 11 16 00-0674	EA		3" Sweat Brass Companion Flange .....	196.05	37.08
22 11 16 00-0675	EA		4" Sweat Brass Companion Flange .....	262.16	44.19
22 11 16 00-0676	EA		5" Sweat Brass Companion Flange .....	497.89	54.80
22 11 16 00-0677	EA		6" Sweat Brass Companion Flange .....	574.33	79.62
22 11 16 00-0678	EA		8" Copper Companion Flange .....	1,323.76	113.58
22 11 16 00-0679			<b>Brass Compression Fittings</b> (22 11 16 00-0383)		
22 11 16 00-0680			<b>Brass Compression Unions</b> (22 11 16 00-0679)		
22 11 16 00-0681	EA		1/4" Brass Compression Union .....	19.73	12.43
22 11 16 00-0682	EA		3/8" Brass Compression Union .....	20.03	12.43
22 11 16 00-0683	EA		1/2" Brass Compression Union .....	20.94	12.43
22 11 16 00-0684	EA		5/8" Brass Compression Union .....	21.37	12.43
22 11 16 00-0685	EA		3/4" Brass Compression Union .....	29.98	12.43
22 11 16 00-0686			<b>Brass Compression Union Elbows</b> (22 11 16 00-0679)		
22 11 16 00-0687	EA		1/4" Brass Compression Union Elbow .....	20.94	12.43
22 11 16 00-0688	EA		3/8" Brass Compression Union Elbow .....	21.43	12.43
22 11 16 00-0689	EA		1/2" Brass Compression Union Elbow .....	22.51	12.43
22 11 16 00-0690	EA		5/8" Brass Compression Union Elbow .....	24.18	12.43
22 11 16 00-0691	EA		3/4" Brass Compression Union Elbow .....	30.71	12.43
22 11 16 00-0692	EA		3/8" x 1/4" Brass Compression Union Elbow .....	21.43	12.43
22 11 16 00-0693	EA		1/2" x 3/8" Brass Compression Union Elbow .....	22.51	12.43
22 11 16 00-0694	EA		5/8" x 3/8" Brass Compression Union Elbow .....	22.81	12.43
22 11 16 00-0695	EA		5/8" x 1/2" Brass Compression Union Elbow .....	27.71	12.43
22 11 16 00-0696			<b>Brass Compression Union Tees</b> (22 11 16 00-0679)		
22 11 16 00-0697	EA		1/4" Brass Compression Union Tee .....	21.31	12.43
22 11 16 00-0698	EA		3/8" Brass Compression Union Tee .....	22.33	12.43
22 11 16 00-0699	EA		1/2" Brass Compression Union Tee .....	23.41	12.43
22 11 16 00-0700	EA		5/8" Brass Compression Union Tee .....	26.82	12.43
22 11 16 00-0701	EA		3/4" Brass Compression Union Tee .....	38.60	12.43
22 11 16 00-0702	EA		3/8" x 3/8" x 1/4" Brass Compression Union Tee .....	23.05	12.43
22 11 16 00-0703	EA		1/2" x 1/2" x 3/8" Brass Compression Union Tee .....	28.58	12.43
22 11 16 00-0704	EA		5/8" x 5/8" x 3/8" Brass Compression Union Tee .....	28.05	12.43
22 11 16 00-0705	EA		5/8" x 5/8" x 1/2" Brass Compression Union Tee .....	28.67	12.43
22 11 16 00-0706			<b>Brass Compression Male Connectors</b> (22 11 16 00-0679)		
22 11 16 00-0707	EA		1/4" Brass Compression Male Connector .....	19.52	12.43
22 11 16 00-0708	EA		3/8" Brass Compression Male Connector .....	19.91	12.43
22 11 16 00-0709	EA		1/2" Brass Compression Male Connector .....	20.59	12.43
22 11 16 00-0710	EA		5/8" Brass Compression Male Connector .....	21.61	12.43
22 11 16 00-0711	EA		3/4" Brass Compression Male Connector .....	26.57	12.31
22 11 16 00-0712			<b>Brass Compression Female Connectors</b> (22 11 16 00-0679)		
22 11 16 00-0713	EA		1/4" Brass Compression Female Connector .....	19.95	12.43
22 11 16 00-0714	EA		3/8" Brass Compression Female Connector .....	20.46	12.43
22 11 16 00-0715	EA		1/2" Brass Compression Female Connector .....	21.33	12.43
22 11 16 00-0716	EA		5/8" Brass Compression Female Connector .....	21.92	12.43
22 11 16 00-0717	EA		3/4" Brass Compression Female Connector .....	34.55	12.19
22 11 16 00-0718			<b>Dielectric Fittings</b> (22 11 16 00-0383)		
22 11 16 00-0719			<b>Copper x Female Iron Pipe Thread Dielectric Unions</b> (22 11 16 00-0718)		
22 11 16 00-0720	EA		1/2" Copper x Female Iron Pipe Thread Dielectric Union .....	49.07	27.61
22 11 16 00-0721	EA		3/4" Copper x Female Iron Pipe Thread Dielectric Union .....	54.81	31.53
22 11 16 00-0722	EA		1" Copper x Female Iron Pipe Thread Dielectric Union .....	65.21	34.65
22 11 16 00-0723	EA		1-1/4" Copper x Female Iron Pipe Thread Dielectric Union .....	79.01	38.14
22 11 16 00-0724	EA		1-1/2" Copper x Female Iron Pipe Thread Dielectric Union .....	95.53	42.38
22 11 16 00-0725	EA		2" Copper x Female Iron Pipe Thread Dielectric Union .....	121.32	50.85
22 11 16 00-0726			<b>Female Brass Thread x Iron Pipe Thread Dielectric Unions</b> (22 11 16 00-0718)		
22 11 16 00-0727	EA		1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	53.90	27.61
22 11 16 00-0728	EA		3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	62.77	31.53
22 11 16 00-0729	EA		1" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	75.70	34.65
22 11 16 00-0730	EA		1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	92.92	38.14



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0731	EA		1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	112.74	42.38
22 11 16 00-0732	EA		2" Female Brass Thread x Iron Pipe Thread Dielectric Union .....	141.50	50.85
<b>22 11 16 00-0733</b>			<b>Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0718)</b>		
22 11 16 00-0734	EA		1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	50.84	27.61
22 11 16 00-0735	EA		3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	57.72	31.53
22 11 16 00-0736	EA		1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	65.98	34.65
22 11 16 00-0737	EA		1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	76.32	38.14
22 11 16 00-0738	EA		1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	92.86	42.38
22 11 16 00-0739	EA		2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union .....	119.18	50.85
<b>22 11 16 00-0740</b>			<b>Copper x Female Iron Pipe Thread Dielectric Flanges (22 11 16 00-0718)</b>		
22 11 16 00-0741	EA		2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	295.38	130.74
22 11 16 00-0742	EA		3" Copper x Female Iron Pipe Thread Dielectric Flange.....	369.79	164.65
22 11 16 00-0743	EA		4" Copper x Female Iron Pipe Thread Dielectric Flange.....	521.35	224.09
<b>22 11 16 00-0744</b>			<b>Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges (22 11 16 00-0718)</b>		
22 11 16 00-0745	EA		2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	297.37	130.74
22 11 16 00-0746	EA		3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	385.63	164.65
22 11 16 00-0747	EA		4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	704.00	224.09
<b>22 11 16 00-0748</b>			<b>Copper Pipe With Fittings And Hangers Assemblies (22 11 16)</b>		
			Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0749	LF		1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	23.87	3.22
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Type K Tubing Instead Of Type L, Add</i>	1.75	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.43	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	2.99	
			<i>For For Brazed Fittings, Add</i>	0.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.09	
			<i>For Work In Restricted Working Space, Add</i>	5.40	
22 11 16 00-0750	LF		3/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	27.59	4.14
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Type K Tubing Instead Of Type L, Add</i>	2.07	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.68	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.42	
			<i>For For Brazed Fittings, Add</i>	0.82	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.40	
			<i>For Work In Restricted Working Space, Add</i>	6.12	
22 11 16 00-0751	LF		1" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	30.62	4.94
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Type K Tubing Instead Of Type L, Add</i>	2.47	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-1.96	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.67	
			<i>For For Brazed Fittings, Add</i>	0.86	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.60	
			<i>For Work In Restricted Working Space, Add</i>	6.41	
22 11 16 00-0752	LF		1-1/4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly .....	35.05	5.75
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Type K Tubing Instead Of Type L, Add</i>	3.13	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-2.43	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.97	
			<i>For For Brazed Fittings, Add</i>	0.89	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.86	
			<i>For Work In Restricted Working Space, Add</i>	6.66	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-1.28	
22 11 16 00-0753	LF		1-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly .....	39.18	6.56
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			<i>For Type K Tubing Instead Of Type L, Add</i>	3.65	
			<i>For Type M Tubing Instead Of Type L, Deduct</i>	-2.81	
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.33	
			<i>For For Brazed Fittings, Add</i>	0.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.14	
			<i>For Work In Restricted Working Space, Add</i>	7.10	
			<i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i>	-1.55	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

22 11 16 00-0754	LF		2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	49.92	8.17
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	5.04	
			For Type M Tubing Instead Of Type L, Deduct	-3.81	
			For Silver Solder Instead Of 95/5 Solder, Add	5.22	
			For For Brazed Fittings, Add	1.09	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.86	
			For Work In Restricted Working Space, Add	8.18	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-2.27	
22 11 16 00-0755	LF		2-1/2" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly .....	61.96	9.85
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	6.88	
			For Type M Tubing Instead Of Type L, Deduct	-5.10	
			For Silver Solder Instead Of 95/5 Solder, Add	6.02	
			For For Brazed Fittings, Add	1.17	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.56	
			For Work In Restricted Working Space, Add	8.77	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-3.27	
22 11 16 00-0756	LF		3" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	76.30	11.44
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	9.05	
			For Type M Tubing Instead Of Type L, Deduct	-6.62	
			For Silver Solder Instead Of 95/5 Solder, Add	6.98	
			For For Brazed Fittings, Add	1.27	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.40	
			For Work In Restricted Working Space, Add	9.50	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-4.46	
22 11 16 00-0757	LF		4" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	120.40	15.15
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	15.50	
			For Type M Tubing Instead Of Type L, Deduct	-11.17	
			For Silver Solder Instead Of 95/5 Solder, Add	10.11	
			For For Brazed Fittings, Add	1.64	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.07	
			For Work In Restricted Working Space, Add	12.28	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-7.95	
22 11 16 00-0758	LF		5" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	217.27	18.86
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	30.83	
			For Type M Tubing Instead Of Type L, Deduct	-21.87	
			For Silver Solder Instead Of 95/5 Solder, Add	16.12	
			For For Brazed Fittings, Add	2.10	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-13.49	
			For Work In Restricted Working Space, Add	15.77	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-16.47	
22 11 16 00-0759	LF		6" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	284.08	22.78
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	40.57	
			For Type M Tubing Instead Of Type L, Deduct	-28.75	
			For Silver Solder Instead Of 95/5 Solder, Add	20.88	
			For For Brazed Fittings, Add	2.67	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.54	
			For Work In Restricted Working Space, Add	20.02	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-21.73	
22 11 16 00-0760	LF		8" Inside Diameter, Type L, Copper Pipe/Tubing With Fittings Assembly.....	626.14	27.23
			Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
			For Type K Tubing Instead Of Type L, Add	98.05	
			For Type M Tubing Instead Of Type L, Deduct	-68.50	
			For Silver Solder Instead Of 95/5 Solder, Add	39.60	
			For For Brazed Fittings, Add	3.32	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-35.45	
			For Work In Restricted Working Space, Add	24.89	
			For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-54.32	
22 11 16 00-0761			Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <sup>(22 11 16)</sup>		
			Note: Socket weld.		
22 11 16 00-0762			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings <sup>(22 11 16 00-0761)</sup>		
22 11 16 00-0763			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe <sup>(22 11 16 00-0762)</sup>		
22 11 16 00-0764	LF		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	6.49	1.69
			For Work In Restricted Working Space, Add	1.27	
			For Schedule 40, Deduct	-0.45	
22 11 16 00-0765	LF		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	7.54	1.78
			For Work In Restricted Working Space, Add	1.34	
			For Schedule 40, Deduct	-0.62	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0766 LF 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	9.32 1.44 -0.91	1.91
22 11 16 00-0767 LF 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	11.49 1.57 -1.25	2.09
22 11 16 00-0768 LF 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	13.35 1.73 -1.51	2.31
22 11 16 00-0769 LF 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	16.94 1.94 -2.10	2.59
22 11 16 00-0770 LF 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	23.39 2.20 -3.21	2.93
22 11 16 00-0771 LF 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	30.11 2.60 -4.29	3.48
22 11 16 00-0772 LF 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	42.12 3.20 -6.29	4.27
22 11 16 00-0773 LF 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	74.39 4.07 -12.16	5.42
22 11 16 00-0774 LF 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 40, Deduct</i>	107.50 5.34 -17.94	7.12
<b>22 11 16 00-0775 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows <small>(22 11 16 00-0762)</small></b>		
22 11 16 00-0776 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	23.66 6.04	8.05
22 11 16 00-0777 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	30.91 7.63	10.17
22 11 16 00-0778 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	40.56 9.57	12.71
22 11 16 00-0779 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	56.53 11.95	15.90
22 11 16 00-0780 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	62.92 13.22	17.59
22 11 16 00-0781 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	74.57 14.75	17.59
22 11 16 00-0782 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	122.13 16.78	22.35
22 11 16 00-0783 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	138.04 19.84	26.49
22 11 16 00-0784 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	201.32 24.41	32.53
22 11 16 00-0785 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	253.76 31.02	41.32
22 11 16 00-0786 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	503.59 40.69	54.25
<b>22 11 16 00-0787 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows <small>(22 11 16 00-0762)</small></b>		
22 11 16 00-0788 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	25.42 6.04	8.05
22 11 16 00-0789 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	33.02 7.63	10.17
22 11 16 00-0790 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	43.99 9.57	12.71
22 11 16 00-0791 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	61.03 11.95	15.90
22 11 16 00-0792 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	68.41 13.22	17.59
22 11 16 00-0793 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	76.43 14.75	19.71
22 11 16 00-0794 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	123.31 16.78	22.35
22 11 16 00-0795 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	137.89 19.84	26.49
22 11 16 00-0796 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	179.83 24.41	32.53
22 11 16 00-0797 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	294.06 31.02	41.32
22 11 16 00-0798 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	532.14 40.69	54.25
<b>22 11 16 00-0799 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees <small>(22 11 16 00-0762)</small></b>		
22 11 16 00-0800 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee ..... <i>For Work In Restricted Working Space, Add</i>	36.61 9.06	12.08





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0801 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	48.38 11.44	15.25
22 11 16 00-0802 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	60.48 14.37	19.18
22 11 16 00-0803 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	86.30 17.93	23.95
22 11 16 00-0804 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	96.53 19.84	26.49
22 11 16 00-0805 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	119.09 22.12	29.46
22 11 16 00-0806 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	158.42 25.18	33.59
22 11 16 00-0807 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	180.23 29.75	39.62
22 11 16 00-0808 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	217.82 36.62	48.84
22 11 16 00-0809 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	342.23 46.53	62.09
22 11 16 00-0810 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	739.13 61.03	81.37
<b>22 11 16 00-0811 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0812 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	45.79 12.08	16.11
22 11 16 00-0813 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	59.67 15.26	20.34
22 11 16 00-0814 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	74.62 19.13	25.54
22 11 16 00-0815 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	102.54 23.90	31.89
22 11 16 00-0816 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	114.34 26.45	35.28
22 11 16 00-0817 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	137.39 29.50	39.31
22 11 16 00-0818 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	176.05 33.56	44.71
22 11 16 00-0819 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	202.05 39.67	52.87
22 11 16 00-0820 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	245.22 48.82	65.06
22 11 16 00-0821 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	367.99 62.05	82.75
22 11 16 00-0822 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	732.65 81.37	108.50
<b>22 11 16 00-0823 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0824 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	20.76 5.60	7.41
22 11 16 00-0825 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	29.22 7.53	10.06
22 11 16 00-0826 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	51.64 9.85	13.14
22 11 16 00-0827 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	58.52 10.90	14.52
22 11 16 00-0828 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	69.71 12.17	16.21
22 11 16 00-0829 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	75.33 13.86	18.44
22 11 16 00-0830 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	91.87 16.37	21.83
22 11 16 00-0831 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	126.95 20.15	26.81
22 11 16 00-0832 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	212.63 25.59	34.12
22 11 16 00-0833 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	495.03 33.56	44.71
<b>22 11 16 00-0834 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0835 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	27.06 3.98	5.30
22 11 16 00-0836 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	33.53 5.60	7.41
22 11 16 00-0837 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	41.07 7.53	10.06



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 16 00-0838	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 50.61		13.14
				<i>For Work In Restricted Working Space, Add</i> ..... 9.85		
	22 11 16 00-0839	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 60.04		14.52
				<i>For Work In Restricted Working Space, Add</i> ..... 10.90		
	22 11 16 00-0840	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 77.25		16.21
				<i>For Work In Restricted Working Space, Add</i> ..... 12.17		
	22 11 16 00-0841	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 124.59		18.44
				<i>For Work In Restricted Working Space, Add</i> ..... 13.86		
	22 11 16 00-0842	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 259.31		21.83
				<i>For Work In Restricted Working Space, Add</i> ..... 16.37		
	22 11 16 00-0843	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert ..... 389.86		26.81
				<i>For Work In Restricted Working Space, Add</i> ..... 20.15		
	<b>22 11 16 00-0844</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters</b> <small>(22 11 16 00-0762)</small>		
	22 11 16 00-0845	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 18.54		5.30
				<i>For Work In Restricted Working Space, Add</i> ..... 3.98		
	22 11 16 00-0846	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 25.80		7.41
				<i>For Work In Restricted Working Space, Add</i> ..... 5.60		
	22 11 16 00-0847	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 37.15		10.06
				<i>For Work In Restricted Working Space, Add</i> ..... 7.53		
	22 11 16 00-0848	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 50.61		13.14
				<i>For Work In Restricted Working Space, Add</i> ..... 9.85		
	22 11 16 00-0849	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 60.38		14.52
				<i>For Work In Restricted Working Space, Add</i> ..... 10.90		
	22 11 16 00-0850	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 73.09		16.21
				<i>For Work In Restricted Working Space, Add</i> ..... 12.17		
	22 11 16 00-0851	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 107.74		18.44
				<i>For Work In Restricted Working Space, Add</i> ..... 13.86		
	22 11 16 00-0852	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 128.98		21.83
				<i>For Work In Restricted Working Space, Add</i> ..... 16.37		
	22 11 16 00-0853	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters ..... 192.99		26.81
				<i>For Work In Restricted Working Space, Add</i> ..... 20.15		
	<b>22 11 16 00-0854</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters</b> <small>(22 11 16 00-0762)</small>		
	22 11 16 00-0855	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 20.55		5.30
				<i>For Work In Restricted Working Space, Add</i> ..... 3.98		
	22 11 16 00-0856	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 26.44		7.41
				<i>For Work In Restricted Working Space, Add</i> ..... 5.60		
	22 11 16 00-0857	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 37.32		10.06
				<i>For Work In Restricted Working Space, Add</i> ..... 7.53		
	22 11 16 00-0858	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 51.20		13.14
				<i>For Work In Restricted Working Space, Add</i> ..... 9.85		
	22 11 16 00-0859	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 57.69		14.52
				<i>For Work In Restricted Working Space, Add</i> ..... 10.90		
	22 11 16 00-0860	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 70.89		16.21
				<i>For Work In Restricted Working Space, Add</i> ..... 12.17		
	22 11 16 00-0861	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 109.02		18.44
				<i>For Work In Restricted Working Space, Add</i> ..... 13.86		
	22 11 16 00-0862	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 151.20		21.83
				<i>For Work In Restricted Working Space, Add</i> ..... 16.37		
	22 11 16 00-0863	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters ..... 230.79		26.81
				<i>For Work In Restricted Working Space, Add</i> ..... 20.15		
	<b>22 11 16 00-0864</b>			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings</b> <small>(22 11 16 00-0762)</small>		
	22 11 16 00-0865	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 16.58		4.88
				<i>For Work In Restricted Working Space, Add</i> ..... 3.62		
	22 11 16 00-0866	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 23.31		6.78
				<i>For Work In Restricted Working Space, Add</i> ..... 5.09		
	22 11 16 00-0867	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 31.35		9.11
				<i>For Work In Restricted Working Space, Add</i> ..... 6.83		
	22 11 16 00-0868	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 42.66		11.97
				<i>For Work In Restricted Working Space, Add</i> ..... 8.96		
	22 11 16 00-0869	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 49.16		13.25
				<i>For Work In Restricted Working Space, Add</i> ..... 9.92		
	22 11 16 00-0870	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 55.57		14.73
				<i>For Work In Restricted Working Space, Add</i> ..... 11.06		
	22 11 16 00-0871	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 86.81		16.74
				<i>For Work In Restricted Working Space, Add</i> ..... 12.59		
	22 11 16 00-0872	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 94.88		19.82
				<i>For Work In Restricted Working Space, Add</i> ..... 14.88		
	22 11 16 00-0873	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 120.37		24.37
				<i>For Work In Restricted Working Space, Add</i> ..... 18.31		
	22 11 16 00-0874	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings ..... 194.62		31.05
				<i>For Work In Restricted Working Space, Add</i> ..... 23.27		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0875 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	338.93 30.52	40.69
<b>22 11 16 00-0876 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0877 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	33.71 4.36	5.82
22 11 16 00-0878 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	40.47 6.10	8.16
22 11 16 00-0879 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	48.09 8.20	10.91
22 11 16 00-0880 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	84.62 10.74	14.31
22 11 16 00-0881 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	89.32 11.89	15.90
22 11 16 00-0882 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	126.74 13.29	17.69
22 11 16 00-0883 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	221.29 15.10	20.13
22 11 16 00-0884 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	317.91 17.87	23.84
22 11 16 00-0885 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	512.42 21.96	29.25
22 11 16 00-0886 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	686.21 27.91	37.19
22 11 16 00-0887 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions..... <i>For Work In Restricted Working Space, Add</i>	846.65 36.62	48.84
<b>22 11 16 00-0888 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0889 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	14.66 2.27	4.98
22 11 16 00-0890 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	19.63 2.86	6.26
22 11 16 00-0891 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	29.78 3.59	7.84
22 11 16 00-0892 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	34.48 4.48	5.93
22 11 16 00-0893 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	36.46 4.96	6.57
22 11 16 00-0894 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	50.52 5.53	7.41
22 11 16 00-0895 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	78.74 6.29	8.37
22 11 16 00-0896 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	83.89 7.44	9.96
22 11 16 00-0897 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	130.19 9.15	12.18
22 11 16 00-0898 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	286.80 11.63	15.47
22 11 16 00-0899 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap..... <i>For Work In Restricted Working Space, Add</i>	369.33 15.26	20.34
<b>22 11 16 00-0900 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges</b> <small>(22 11 16 00-0762)</small>		
22 11 16 00-0901 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	26.78 2.89	3.82
22 11 16 00-0902 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	31.92 4.07	5.40
22 11 16 00-0903 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	38.68 5.47	7.31
22 11 16 00-0904 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	45.00 7.19	9.54
22 11 16 00-0905 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	48.03 7.95	10.60
22 11 16 00-0906 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	58.10 8.84	11.76
22 11 16 00-0907 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	78.30 10.08	13.46
22 11 16 00-0908 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	88.38 11.89	15.90
22 11 16 00-0909 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	110.63 14.65	19.49
22 11 16 00-0910 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	159.22 18.63	24.79
22 11 16 00-0911 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 Lb. Flanges..... <i>For Work In Restricted Working Space, Add</i>	300.51 24.41	32.53
<b>22 11 16 00-0912 Polypropylene Random (PP-R), Heat Fusion, Domestic Water Pipe</b> <small>(22 11 16)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 16 00-0913 Polypropylene Random (PP-R), Heat Fusion, Domestic Hot Water Pipe</b> <small>(22 11 16 00-0912)</small>		
<small>Note: Aquatherm greenpipe®</small>		
22 11 16 00-0914 LF 1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	5.44	1.79
22 11 16 00-0915 LF 3/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	6.55	1.87
22 11 16 00-0916 LF 1" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	9.12	2.25
22 11 16 00-0917 LF 1-1/4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	11.80	2.41
22 11 16 00-0918 LF 1-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	16.81	2.71
22 11 16 00-0919 LF 2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	22.91	2.76
22 11 16 00-0920 LF 2-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	32.81	3.75
22 11 16 00-0921 LF 3" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	44.01	4.34
22 11 16 00-0922 LF 3-1/2" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	59.97	4.85
22 11 16 00-0923 LF 4" SDR 7.4, Polypropylene, Heat Fusion, Domestic Hot Water Pipe.....	71.20	5.35
<b>22 11 16 00-0924 Polypropylene Random (PP-R), Heat Fusion, Domestic Cold Water Pipe</b> <small>(22 11 16 00-0912)</small>		
<small>Note: Aquatherm greenpipe®</small>		
22 11 16 00-0925 LF 1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	4.86	1.79
22 11 16 00-0926 LF 3/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	5.59	1.87
22 11 16 00-0927 LF 1" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	7.39	2.25
22 11 16 00-0928 LF 1-1/4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	9.26	2.41
22 11 16 00-0929 LF 1-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	12.39	2.71
22 11 16 00-0930 LF 2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	16.62	2.76
22 11 16 00-0931 LF 2-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	23.13	3.75
22 11 16 00-0932 LF 3" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	31.24	4.34
22 11 16 00-0933 LF 3-1/2" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	43.94	4.85
22 11 16 00-0934 LF 4" SDR 11, Polypropylene, Heat Fusion, Domestic Cold Water Pipe.....	52.20	5.35
<b>22 11 16 00-0935 Polypropylene Random (PP-R), Heat Fusion, UV Protected, Domestic Hot Water Pipe</b> <small>(22 11 16 00-0912)</small>		
<small>Note: Aquatherm greenpipe®</small>		
22 11 16 00-0936 LF 1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	5.75	1.79
22 11 16 00-0937 LF 3/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	6.97	1.87
22 11 16 00-0938 LF 1" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	9.58	2.25
22 11 16 00-0939 LF 1-1/4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	12.39	2.41
22 11 16 00-0940 LF 1-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	18.53	2.71
22 11 16 00-0941 LF 2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	23.85	2.76
22 11 16 00-0942 LF 2-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	34.14	3.75
22 11 16 00-0943 LF 3" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	47.34	4.34
22 11 16 00-0944 LF 3-1/2" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	59.80	4.85
22 11 16 00-0945 LF 4" SDR 7.4, Polypropylene, Heat Fusion, UV Protected, Domestic Hot Water Pipe.....	70.68	5.35
<b>22 11 16 00-0946 Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe</b> <small>(22 11 16 00-0912)</small>		
<small>Note: Aquatherm climatherm®</small>		
22 11 16 00-0947 LF 1/2" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	4.83	1.80
22 11 16 00-0948 LF 3/4" 7.4 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	5.70	1.87
22 11 16 00-0949 LF 1" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	6.75	2.25
22 11 16 00-0950 LF 1-1/4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	8.35	2.41
22 11 16 00-0951 LF 1-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	10.74	2.71
22 11 16 00-0952 LF 2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	14.13	2.76
22 11 16 00-0953 LF 2-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	19.73	3.75
22 11 16 00-0954 LF 3" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	26.49	4.34
22 11 16 00-0955 LF 3-1/2" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	36.13	4.85
22 11 16 00-0956 LF 4" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	43.89	5.35
22 11 16 00-0957 LF 6" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	52.41	6.85
22 11 16 00-0958 LF 8" 11 SDR, Polypropylene Random (PP-R), Heat Fusion, Heating And Cooling Pipe.....	85.45	8.99
<b>22 11 16 00-0959 Pipe Clamp For Polypropylene Random (PP-R) Pipe</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-0960 EA 1/2" Pipe Clamp For Polypropylene Pipe.....	13.86	4.44
22 11 16 00-0961 EA 3/4" Pipe Clamp For Polypropylene Pipe.....	14.62	4.44
22 11 16 00-0962 EA 1" Pipe Clamp For Polypropylene Pipe.....	15.13	4.44
22 11 16 00-0963 EA 1-1/4" Pipe Clamp For Polypropylene Pipe.....	15.30	4.44
22 11 16 00-0964 EA 1-1/2" Pipe Clamp For Polypropylene Pipe.....	15.89	4.44
22 11 16 00-0965 EA 2" Pipe Clamp For Polypropylene Pipe.....	17.57	4.44
22 11 16 00-0966 EA 2-1/2" Pipe Clamp For Polypropylene Pipe.....	20.02	4.44
22 11 16 00-0967 EA 3" Pipe Clamp For Polypropylene Pipe.....	20.86	4.44
22 11 16 00-0968 EA 3-1/2" Pipe Clamp For Polypropylene Pipe.....	22.04	4.44
22 11 16 00-0969 EA 4" Pipe Clamp For Polypropylene Pipe.....	23.64	4.44
<b>22 11 16 00-0970 Polypropylene Random (PP-R) Pipe, Pipe Fastening Strap</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-0971 EA Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 1-3/8" Spike.....	4.43	
22 11 16 00-0972 EA Up to 1" Polypropylene Pipe, Single Pipe Fastening Strap, 2-1/2" Spike.....	4.64	
22 11 16 00-0973 EA Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 1-3/8" Spike.....	4.74	
22 11 16 00-0974 EA Up to 1" Polypropylene Pipe, Double Pipe Fastening Strap, 2-1/2" Spike.....	4.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0975			<b>Polypropylene Random (PP-R) Pipe Plastic Pipe Clamp</b> (22 11 16 00-0912)		
22 11 16 00-0976	EA		1/2" Polypropylene Pipe Plastic Pipe Clamp.....	10.13	2.31
22 11 16 00-0977	EA		3/4" Polypropylene Pipe Plastic Pipe Clamp.....	10.65	2.31
22 11 16 00-0978			<b>Polypropylene Random (PP-R), Heat Fusion, Socket Coupling</b> (22 11 16 00-0912)		
22 11 16 00-0979	EA		1/2" Polypropylene, Heat Fusion, Socket Coupling.....	9.32	3.58
22 11 16 00-0980	EA		3/4" Polypropylene, Heat Fusion, Socket Coupling.....	9.88	3.75
22 11 16 00-0981	EA		1" Polypropylene, Heat Fusion, Socket Coupling.....	12.14	4.50
22 11 16 00-0982	EA		1-1/4" Polypropylene, Heat Fusion, Socket Coupling.....	13.41	4.82
22 11 16 00-0983	EA		1-1/2" Polypropylene, Heat Fusion, Socket Coupling.....	18.73	5.41
22 11 16 00-0984	EA		2" Polypropylene, Heat Fusion, Socket Coupling.....	26.86	5.52
22 11 16 00-0985	EA		2-1/2" Polypropylene, Heat Fusion, Socket Coupling.....	32.70	7.49
22 11 16 00-0986	EA		3" Polypropylene, Heat Fusion, Socket Coupling.....	56.31	8.67
22 11 16 00-0987	EA		3-1/2" Polypropylene, Heat Fusion, Socket Coupling.....	82.75	9.69
22 11 16 00-0988	EA		4" Polypropylene, Heat Fusion, Socket Coupling.....	104.56	10.71
22 11 16 00-0989			<b>Polypropylene Random (PP-R), Heat Fusion, Bushing</b> (22 11 16 00-0912)		
22 11 16 00-0990	EA		1" Polypropylene, Heat Fusion, Bushing.....	10.37	3.58
22 11 16 00-0991	EA		1-1/4" Polypropylene, Heat Fusion, Bushing.....	12.40	3.75
22 11 16 00-0992	EA		1-1/2" Polypropylene, Heat Fusion, Bushing.....	17.10	4.50
22 11 16 00-0993	EA		2" Polypropylene, Heat Fusion, Bushing.....	25.86	4.82
22 11 16 00-0994	EA		2-1/2" Polypropylene, Heat Fusion, Bushing.....	28.97	5.41
22 11 16 00-0995	EA		3" Polypropylene, Heat Fusion, Bushing.....	51.45	5.52
22 11 16 00-0996	EA		3-1/2" Polypropylene, Heat Fusion, Bushing.....	79.61	7.49
22 11 16 00-0997	EA		4" x 2-1/2" Polypropylene, Heat Fusion, Bushing.....	96.22	8.67
22 11 16 00-0998	EA		4" x 3" Polypropylene, Heat Fusion, Bushing.....	117.47	9.69
22 11 16 00-0999	EA		4" x 3-1/2" Polypropylene, Heat Fusion, Bushing.....	122.43	10.71
22 11 16 00-1000			<b>Polypropylene Random (PP-R), Heat Fusion, Reducing Coupling</b> (22 11 16 00-0912)		
22 11 16 00-1001	EA		1-1/4" Polypropylene, Heat Fusion, Reducing Coupling.....	15.07	3.75
22 11 16 00-1002	EA		1-1/2" Polypropylene, Heat Fusion, Reducing Coupling.....	20.42	4.50
22 11 16 00-1003	EA		2" Polypropylene, Heat Fusion, Reducing Coupling.....	32.44	4.82
22 11 16 00-1004	EA		2-1/2" Polypropylene, Heat Fusion, Reducing Coupling.....	35.87	5.41
22 11 16 00-1005	EA		3" Polypropylene, Heat Fusion, Reducing Coupling.....	44.79	5.52
22 11 16 00-1006	EA		3-1/2" Polypropylene, Heat Fusion, Reducing Coupling.....	73.57	7.49
22 11 16 00-1007	EA		4" x 3" Polypropylene, Heat Fusion, Reducing Coupling.....	96.20	9.10
22 11 16 00-1008	EA		4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Coupling.....	107.25	10.71
22 11 16 00-1009			<b>Polypropylene Random (PP-R), Heat Fusion, 90 Degree Elbow</b> (22 11 16 00-0912)		
22 11 16 00-1010	EA		1/2" Polypropylene, Heat Fusion, 90 Degree Elbow.....	16.63	7.18
22 11 16 00-1011	EA		3/4" Polypropylene, Heat Fusion, 90 Degree Elbow.....	18.04	7.54
22 11 16 00-1012	EA		1" Polypropylene, Heat Fusion, 90 Degree Elbow.....	22.24	8.99
22 11 16 00-1013	EA		1-1/4" Polypropylene, Heat Fusion, 90 Degree Elbow.....	25.92	9.69
22 11 16 00-1014	EA		1-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow.....	35.60	10.76
22 11 16 00-1015	EA		2" Polypropylene, Heat Fusion, 90 Degree Elbow.....	43.58	10.97
22 11 16 00-1016	EA		2-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow.....	78.04	15.05
22 11 16 00-1017	EA		3" Polypropylene, Heat Fusion, 90 Degree Elbow.....	114.42	17.35
22 11 16 00-1018	EA		3-1/2" Polypropylene, Heat Fusion, 90 Degree Elbow.....	151.97	19.38
22 11 16 00-1019	EA		4" Polypropylene, Heat Fusion, 90 Degree Elbow.....	217.25	21.41
22 11 16 00-1020			<b>Polypropylene Random (PP-R), Heat Fusion, 90 Degree Street Elbow</b> (22 11 16 00-0912)		
22 11 16 00-1021	EA		1/2" Polypropylene, Heat Fusion, 90 Degree Street Elbow.....	16.63	7.18
22 11 16 00-1022	EA		3/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow.....	18.04	7.54
22 11 16 00-1023	EA		1" Polypropylene, Heat Fusion, 90 Degree Street Elbow.....	22.24	8.99
22 11 16 00-1024	EA		1-1/4" Polypropylene, Heat Fusion, 90 Degree Street Elbow.....	25.92	9.69
22 11 16 00-1025			<b>Polypropylene Random (PP-R), Heat Fusion, 45 Degree Elbow</b> (22 11 16 00-0912)		
22 11 16 00-1026	EA		1/2" Polypropylene, Heat Fusion, 45 Degree Elbow.....	16.63	7.18
22 11 16 00-1027	EA		3/4" Polypropylene, Heat Fusion, 45 Degree Elbow.....	18.04	7.54
22 11 16 00-1028	EA		1" Polypropylene, Heat Fusion, 45 Degree Elbow.....	22.24	8.99
22 11 16 00-1029	EA		1-1/4" Polypropylene, Heat Fusion, 45 Degree Elbow.....	25.92	9.69
22 11 16 00-1030	EA		1-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow.....	35.60	10.76
22 11 16 00-1031	EA		2" Polypropylene, Heat Fusion, 45 Degree Elbow.....	43.32	10.97
22 11 16 00-1032	EA		2-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow.....	77.47	15.05
22 11 16 00-1033	EA		3" Polypropylene, Heat Fusion, 45 Degree Elbow.....	122.17	17.35
22 11 16 00-1034	EA		3-1/2" Polypropylene, Heat Fusion, 45 Degree Elbow.....	163.31	19.38
22 11 16 00-1035	EA		4" Polypropylene, Heat Fusion, 45 Degree Elbow.....	234.64	21.41
22 11 16 00-1036			<b>Polypropylene Random (PP-R), Heat Fusion, 45 Degree Street Elbow</b> (22 11 16 00-0912)		





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1037	EA		1/2" Polypropylene, Heat Fusion, 45 Degree Street Elbow.....	16.61	7.18
22 11 16 00-1038	EA		3/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow.....	18.04	7.54
22 11 16 00-1039	EA		1" Polypropylene, Heat Fusion, 45 Degree Street Elbow.....	22.24	8.99
22 11 16 00-1040	EA		1-1/4" Polypropylene, Heat Fusion, 45 Degree Street Elbow .....	25.92	9.69
<b>22 11 16 00-1041</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Tee (22 11 16 00-0912)</b>		
22 11 16 00-1042	EA		1/2" Polypropylene, Heat Fusion, Tee .....	24.61	10.76
22 11 16 00-1043	EA		3/4" Polypropylene, Heat Fusion, Tee .....	26.84	11.30
22 11 16 00-1044	EA		1" Polypropylene, Heat Fusion, Tee .....	32.28	13.44
22 11 16 00-1045	EA		1-1/4" Polypropylene, Heat Fusion, Tee .....	37.25	14.51
22 11 16 00-1046	EA		1-1/2" Polypropylene, Heat Fusion, Tee .....	55.87	16.17
22 11 16 00-1047	EA		2" Polypropylene, Heat Fusion, Tee .....	66.69	16.49
22 11 16 00-1048	EA		2-1/2" Polypropylene, Heat Fusion, Tee .....	101.57	22.54
22 11 16 00-1049	EA		3" Polypropylene, Heat Fusion, Tee .....	145.30	26.02
22 11 16 00-1050	EA		3-1/2" Polypropylene, Heat Fusion, Tee .....	203.49	29.04
22 11 16 00-1051	EA		4" Polypropylene, Heat Fusion, Tee .....	257.39	32.07
<b>22 11 16 00-1052</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Reducing Tee (22 11 16 00-0912)</b>		
22 11 16 00-1053	EA		1/2" Polypropylene, Heat Fusion, Reducing Tee .....	24.61	10.76
22 11 16 00-1054	EA		3/4" Polypropylene, Heat Fusion, Reducing Tee .....	26.84	11.30
22 11 16 00-1055	EA		1" Polypropylene, Heat Fusion, Reducing Tee .....	32.21	13.44
22 11 16 00-1056	EA		1-1/4" Polypropylene, Heat Fusion, Reducing Tee .....	37.25	14.51
22 11 16 00-1057	EA		1-1/2" Polypropylene, Heat Fusion, Reducing Tee .....	55.87	16.17
22 11 16 00-1058	EA		2" Polypropylene, Heat Fusion, Reducing Tee .....	64.65	16.49
22 11 16 00-1059	EA		2-1/2" Polypropylene, Heat Fusion, Reducing Tee .....	96.73	22.54
22 11 16 00-1060	EA		3" Polypropylene, Heat Fusion, Reducing Tee .....	155.59	26.02
22 11 16 00-1061	EA		3-1/2" Polypropylene, Heat Fusion, Reducing Tee .....	219.93	29.04
22 11 16 00-1062	EA		4" x 2-1/2" Polypropylene, Heat Fusion, Reducing Tee .....	251.55	32.07
22 11 16 00-1063	EA		4" x 3" Polypropylene, Heat Fusion, Reducing Tee .....	258.06	32.07
22 11 16 00-1064	EA		4" x 3-1/2" Polypropylene, Heat Fusion, Reducing Tee .....	258.79	32.07
<b>22 11 16 00-1065</b>			<b>Polypropylene Random (PP-R), Heat Fusion, End Cap (22 11 16 00-0912)</b>		
22 11 16 00-1066	EA		1/2" Polypropylene, Heat Fusion, End Cap.....	10.53	3.58
22 11 16 00-1067	EA		3/4" Polypropylene, Heat Fusion, End Cap.....	11.74	3.75
22 11 16 00-1068	EA		1" Polypropylene, Heat Fusion, End Cap.....	14.14	4.50
22 11 16 00-1069	EA		1-1/4" Polypropylene, Heat Fusion, End Cap .....	17.75	4.82
22 11 16 00-1070	EA		1-1/2" Polypropylene, Heat Fusion, End Cap .....	22.00	5.41
22 11 16 00-1071	EA		2" Polypropylene, Heat Fusion, End Cap.....	29.75	5.52
22 11 16 00-1072	EA		2-1/2" Polypropylene, Heat Fusion, End Cap .....	42.13	7.49
22 11 16 00-1073	EA		3" Polypropylene, Heat Fusion, End Cap.....	78.69	8.67
22 11 16 00-1074	EA		3-1/2" Polypropylene, Heat Fusion, End Cap .....	93.16	9.69
22 11 16 00-1075	EA		4" Polypropylene, Heat Fusion, End Cap.....	133.78	10.71
<b>22 11 16 00-1076</b>			<b>Polypropylene Random (PP-R), Heat Fusion Outlet (22 11 16 00-0912)</b>		
22 11 16 00-1077	EA		1-1/4" x 1/2" Polypropylene, Heat Fusion Outlet.....	13.72	
22 11 16 00-1078	EA		1-1/4" x 3/4" Polypropylene, Heat Fusion Outlet.....	14.05	
22 11 16 00-1079	EA		1-1/2" x 1/2" Polypropylene, Heat Fusion Outlet.....	14.51	
22 11 16 00-1080	EA		1-1/2" x 3/4" Polypropylene, Heat Fusion Outlet.....	14.84	
22 11 16 00-1081	EA		2" x 1/2" Polypropylene, Heat Fusion Outlet .....	15.83	
22 11 16 00-1082	EA		2" x 3/4" Polypropylene, Heat Fusion Outlet .....	16.16	
22 11 16 00-1083	EA		2" x 1" Polypropylene, Heat Fusion Outlet .....	17.76	
22 11 16 00-1084	EA		2-1/2" x 1/2" Polypropylene, Heat Fusion Outlet.....	17.15	
22 11 16 00-1085	EA		2-1/2" x 3/4" Polypropylene, Heat Fusion Outlet.....	17.48	
22 11 16 00-1086	EA		2-1/2" x 1" Polypropylene, Heat Fusion Outlet.....	19.08	
22 11 16 00-1087	EA		2-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet.....	19.83	
22 11 16 00-1088	EA		3" x 1/2" Polypropylene, Heat Fusion Outlet .....	18.47	
22 11 16 00-1089	EA		3" x 3/4" Polypropylene, Heat Fusion Outlet .....	18.80	
22 11 16 00-1090	EA		3" x 1" Polypropylene, Heat Fusion Outlet .....	20.40	
22 11 16 00-1091	EA		3" x 1-1/4" Polypropylene, Heat Fusion Outlet.....	21.15	
22 11 16 00-1092	EA		3-1/2" x 1/2" Polypropylene, Heat Fusion Outlet.....	18.47	
22 11 16 00-1093	EA		3-1/2" x 3/4" Polypropylene, Heat Fusion Outlet.....	20.11	
22 11 16 00-1094	EA		3-1/2" x 1" Polypropylene, Heat Fusion Outlet.....	21.71	
22 11 16 00-1095	EA		3-1/2" x 1-1/4" Polypropylene, Heat Fusion Outlet.....	22.46	
22 11 16 00-1096	EA		3-1/2" x 1-1/2" Polypropylene, Heat Fusion Outlet.....	26.90	
22 11 16 00-1097	EA		4" x 1/2" Polypropylene, Heat Fusion Outlet .....	21.10	
22 11 16 00-1098	EA		4" x 3/4" Polypropylene, Heat Fusion Outlet .....	21.43	
22 11 16 00-1099	EA		4" x 1" Polypropylene, Heat Fusion Outlet .....	23.03	
22 11 16 00-1100	EA		4" x 1-1/4" Polypropylene, Heat Fusion Outlet.....	23.78	
22 11 16 00-1101	EA		4" x 1-1/2" Polypropylene, Heat Fusion Outlet.....	26.90	
22 11 16 00-1102	EA		4" x 2" Polypropylene, Heat Fusion Outlet.....	32.69	
<b>22 11 16 00-1103</b>			<b>Polypropylene Random (PP-R), Flange Adaptor With Gaskets Included (22 11 16 00-0912)</b>		
22 11 16 00-1104	EA		1" Polypropylene, Flange Adaptor With Gaskets Included.....	16.39	4.50
22 11 16 00-1105	EA		1-1/4" Polypropylene, Flange Adaptor With Gaskets Included .....	18.37	4.82
22 11 16 00-1106	EA		1-1/2" Polypropylene, Flange Adaptor With Gaskets Included .....	24.47	5.41





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
			22 11 16 00-1107 EA 2" Polypropylene, Flange Adaptor With Gaskets Included.....	26.43	5.52
			22 11 16 00-1108 EA 2-1/2" Polypropylene, Flange Adaptor With Gaskets Included.....	36.55	7.49
			22 11 16 00-1109 EA 3" Polypropylene, Flange Adaptor With Gaskets Included.....	61.20	8.67
			22 11 16 00-1110 EA 3-1/2" Polypropylene, Flange Adaptor With Gaskets Included.....	84.70	9.69
			22 11 16 00-1111 EA 4" Polypropylene, Flange Adaptor With Gaskets Included.....	187.79	10.71
<b>22 11 16 00-1112</b>			<b>Polypropylene Random (PP-R), Flange Ring With ANSI Bolt Pattern</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1113 EA 1" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	34.10	
			22 11 16 00-1114 EA 1-1/4" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	45.31	
			22 11 16 00-1115 EA 1-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	56.75	
			22 11 16 00-1116 EA 2" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	67.60	
			22 11 16 00-1117 EA 2-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	94.85	
			22 11 16 00-1118 EA 3" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	110.26	
			22 11 16 00-1119 EA 3-1/2" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	136.77	
			22 11 16 00-1120 EA 4" Polypropylene, Flange Ring With ANSI Bolt Pattern.....	165.82	
<b>22 11 16 00-1121</b>			<b>Polypropylene Random (PP-R), Electrofusion Coupling</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1122 EA 1/2" Polypropylene, Electrofusion Coupling.....	69.49	7.18
			22 11 16 00-1123 EA 3/4" Polypropylene, Electrofusion Coupling.....	72.41	7.54
			22 11 16 00-1124 EA 1" Polypropylene, Electrofusion Coupling.....	82.18	8.99
			22 11 16 00-1125 EA 1-1/4" Polypropylene, Electrofusion Coupling.....	84.60	9.69
			22 11 16 00-1126 EA 1-1/2" Polypropylene, Electrofusion Coupling.....	91.87	10.76
			22 11 16 00-1127 EA 2" Polypropylene, Electrofusion Coupling.....	123.93	10.97
			22 11 16 00-1128 EA 2-1/2" Polypropylene, Electrofusion Coupling.....	150.96	15.05
			22 11 16 00-1129 EA 3" Polypropylene, Electrofusion Coupling.....	188.95	17.35
			22 11 16 00-1130 EA 3-1/2" Polypropylene, Electrofusion Coupling.....	257.81	19.38
			22 11 16 00-1131 EA 4" Polypropylene, Electrofusion Coupling.....	318.54	21.41
<b>22 11 16 00-1132</b>			<b>Polypropylene Random (PP-R), Heat Fusion, FIP Rear-Mount Back Plate Elbow</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1133 EA 1/2" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow.....	31.96	9.85
			22 11 16 00-1134 EA 3/4" Polypropylene, Heat Fusion, FIP Rear-Mount Back Plate Elbow.....	38.79	10.22
<b>22 11 16 00-1135</b>			<b>Polypropylene Random (PP-R), Heat Fusion, FIP Side-Mount Back Plate Elbow</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1136 EA 1/2" Polypropylene, Heat Fusion, FIP Side-Mount Back Plate Elbow.....	34.91	9.85
<b>22 11 16 00-1137</b>			<b>Polypropylene Random (PP-R), Heat Fusion, ISO Plug For Pressure Test</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1138 EA 1/2" Polypropylene, Heat Fusion, ISO Plug For Pressure Test.....	8.85	3.58
			22 11 16 00-1139 EA 3/4" Polypropylene, Heat Fusion, ISO Plug For Pressure Test.....	9.65	3.75
<b>22 11 16 00-1140</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Round FIP NPT Transition Piece</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1141 EA 1/2" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece.....	24.84	7.18
			22 11 16 00-1142 EA 1/2" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece.....	28.17	7.18
			22 11 16 00-1143 EA 3/4" x 1/2" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece.....	25.60	7.54
			22 11 16 00-1144 EA 3/4" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece.....	28.93	7.54
			22 11 16 00-1145 EA 1" x 3/4" Polypropylene, Heat Fusion, Round FIP NPT Transition Piece.....	33.20	8.99
<b>22 11 16 00-1146</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Hex FIP NPT Transition Piece</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1147 EA 1/2" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	30.81	7.18
			22 11 16 00-1148 EA 1/2" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	33.63	7.18
			22 11 16 00-1149 EA 3/4" x 1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	31.57	7.54
			22 11 16 00-1150 EA 3/4" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	34.39	7.54
			22 11 16 00-1151 EA 1" x 3/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	40.22	8.99
			22 11 16 00-1152 EA 1" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	63.12	8.99
			22 11 16 00-1153 EA 1-1/4" x 1" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	66.76	9.69
			22 11 16 00-1154 EA 1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	90.68	9.69
			22 11 16 00-1155 EA 1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	95.19	10.76
			22 11 16 00-1156 EA 1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	104.22	10.76
			22 11 16 00-1157 EA 2" x 1-1/2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	112.54	10.97
			22 11 16 00-1158 EA 2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	150.00	10.97
			22 11 16 00-1159 EA 2-1/2" x 2" Polypropylene, Heat Fusion, Hex FIP NPT Transition Piece.....	163.77	15.05
<b>22 11 16 00-1160</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Round MIP NPT Transition Piece</b> <small>(22 11 16 00-0912)</small>		
			22 11 16 00-1161 EA 1/2" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece.....	39.06	7.18
			22 11 16 00-1162 EA 1/2" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece.....	42.60	7.18



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1163	EA		3/4" x 1/2" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece.....	39.82	7.54
22 11 16 00-1164	EA		3/4" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece.....	43.36	7.54
22 11 16 00-1165	EA		1" x 3/4" Polypropylene, Heat Fusion, Round MIP NPT Transition Piece.....	51.36	8.99
<b>22 11 16 00-1166</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Hex MIP NPT Transition Piece</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1167	EA		1/2" x 1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	32.47	7.18
22 11 16 00-1168	EA		1/2" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	35.06	7.18
22 11 16 00-1169	EA		3/4" x 3/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	35.82	7.54
22 11 16 00-1170	EA		1" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	52.72	8.99
22 11 16 00-1171	EA		1" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	76.46	8.99
22 11 16 00-1172	EA		1-1/4" x 1" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	55.39	9.69
22 11 16 00-1173	EA		1-1/4" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	81.58	9.69
22 11 16 00-1174	EA		1-1/2" x 1-1/4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	85.78	10.76
22 11 16 00-1175	EA		1-1/2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	100.69	10.76
22 11 16 00-1176	EA		2" x 1-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	115.74	10.97
22 11 16 00-1177	EA		2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	131.63	10.97
22 11 16 00-1178	EA		2-1/2" x 2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	142.41	15.05
22 11 16 00-1179	EA		2-1/2" x 2-1/2" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	198.23	15.05
22 11 16 00-1180	EA		3" x 3" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	296.92	17.35
22 11 16 00-1181	EA		3-1/2" x 4" Polypropylene, Heat Fusion, Hex MIP NPT Transition Piece.....	576.36	19.38
<b>22 11 16 00-1182</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Elbow</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1183	EA		1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	32.68	7.18
22 11 16 00-1184	EA		1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	26.60	7.18
22 11 16 00-1185	EA		3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	33.44	7.54
22 11 16 00-1186	EA		3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	27.36	7.54
22 11 16 00-1187	EA		1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	38.30	8.99
22 11 16 00-1188	EA		1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Elbow.....	61.94	8.99
<b>22 11 16 00-1189</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition Male/Female x FIP NPT Street Elbow</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1190	EA		1/2" x 1/2" Polypropylene, Heat Fusion, Transition Male/Female x FIP NPT Street Elbow.....	26.60	7.18
<b>22 11 16 00-1191</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Elbow</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1192	EA		1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Elbow.....	29.64	7.18
22 11 16 00-1193	EA		1/2" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow.....	31.61	7.18
22 11 16 00-1194	EA		3/4" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow.....	32.37	7.54
22 11 16 00-1195	EA		1" x 3/4" Polypropylene, Heat Fusion, Transition MIP NPT Elbow.....	40.55	8.99
22 11 16 00-1196	EA		1" x 1" Polypropylene, Heat Fusion, Transition MIP NPT Elbow.....	58.12	8.99
<b>22 11 16 00-1197</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition FIP NPT Tee</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1198	EA		1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	36.04	10.76
22 11 16 00-1199	EA		1/2" x 1/2" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	40.85	10.76
22 11 16 00-1200	EA		3/4" x 3/4" x 1/2" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	37.11	11.30
22 11 16 00-1201	EA		3/4" x 3/4" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	41.92	11.30
22 11 16 00-1202	EA		1" x 1" x 3/4" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	49.43	13.44
22 11 16 00-1203	EA		1" x 1" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	71.02	13.44
22 11 16 00-1204	EA		1-1/2" x 1-1/2" x 1" Polypropylene, Heat Fusion, Transition FIP NPT Tee.....	82.03	16.17
<b>22 11 16 00-1205</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition MIP NPT Tee</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1206	EA		1/2" x 1/2" x 1/2" Polypropylene, Heat Fusion, Transition MIP NPT Tee.....	39.28	10.76
<b>22 11 16 00-1207</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Transition PP-R x Brass Compression Fitting</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1208	EA		1/2" x 1/2" Polypropylene, Heat Fusion, Transition PP-R x Brass Compression Fitting.....	30.44	3.58
<b>22 11 16 00-1209</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x FIP NPT</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1210	EA		1/2" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT.....	25.97	
22 11 16 00-1211	EA		3/4" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT.....	33.96	
22 11 16 00-1212	EA		1" Polypropylene, Heat Fusion, Fusion Outlet x FIP NPT.....	47.28	
<b>22 11 16 00-1213</b>			<b>Polypropylene Random (PP-R), Heat Fusion, Fusion Outlet x MIP NPT</b> <small>(22 11 16 00-0912)</small>		
22 11 16 00-1214	EA		1/2" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT.....	30.68	
22 11 16 00-1215	EA		3/4" Polypropylene, Heat Fusion, Fusion Outlet x MIP NPT.....	42.68	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 11 16 00-1216		<b>Polypropylene Random (PP-R), Heat Fusion, PEX Adaptor</b> (22 11 16 00-0912)		
22 11 16 00-1217	EA	1/2" Polypropylene, Heat Fusion, PEX Adaptor .....	20.81	3.58
22 11 16 00-1218	EA	3/4" Polypropylene, Heat Fusion, PEX Adaptor .....	32.34	3.75
22 11 16 00-1219	EA	1" Polypropylene, Heat Fusion, PEX Adaptor .....	42.67	4.50
22 11 16 00-1220		<b>Polypropylene Random (PP-R), Heat Fusion, FIP Stop Valve Body</b> (22 11 16 00-0912)		
22 11 16 00-1221	EA	1/2" Polypropylene, Heat Fusion, FIP Stop Valve Body .....	26.26	7.87
22 11 16 00-1222	EA	3/4" Polypropylene, Heat Fusion, FIP Stop Valve Body .....	27.11	8.30
22 11 16 00-1223	EA	1" Polypropylene, Heat Fusion, FIP Stop Valve Body .....	39.80	9.85
22 11 16 00-1224	EA	1-1/4" Polypropylene, Heat Fusion, FIP Stop Valve Body .....	64.32	10.65
22 11 16 00-1225		<b>Polypropylene Random (PP-R), Heat Fusion, Inclined Check Valve</b> (22 11 16 00-0912)		
22 11 16 00-1226	EA	1/2" Polypropylene, Heat Fusion, Inclined Check Valve .....	87.00	7.87
22 11 16 00-1227	EA	3/4" Polypropylene, Heat Fusion, Inclined Check Valve .....	87.85	8.30
22 11 16 00-1228	EA	1" Polypropylene, Heat Fusion, Inclined Check Valve .....	105.03	9.85
22 11 16 00-1229	EA	1-1/4" Polypropylene, Heat Fusion, Inclined Check Valve .....	176.31	10.65
22 11 16 00-1230		<b>Polypropylene Random (PP-R), Heat Fusion, Ball Valve</b> (22 11 16 00-0912)		
22 11 16 00-1231	EA	1/2" Polypropylene, Heat Fusion, Ball Valve .....	80.02	7.87
22 11 16 00-1232	EA	3/4" Polypropylene, Heat Fusion, Ball Valve .....	88.96	8.30
22 11 16 00-1233	EA	1" Polypropylene, Heat Fusion, Ball Valve .....	108.06	9.85
22 11 16 00-1234	EA	1-1/4" Polypropylene, Heat Fusion, Ball Valve .....	154.92	10.65
22 11 16 00-1235	EA	1-1/2" Polypropylene, Heat Fusion, Ball Valve .....	227.89	11.83
22 11 16 00-1236	EA	2" Polypropylene, Heat Fusion, Ball Valve .....	350.84	12.09
22 11 16 00-1237		<b>Extension For Ball Valve</b> (22 11 16 00-0912)		
22 11 16 00-1238	EA	Extension For 1/2" to 3/4" Ball Valve, 1-3/8" Length .....	42.05	
22 11 16 00-1239	EA	Extension For 1" to 1-1/4" Ball Valve, 1-3/8" Length .....	42.12	
22 11 16 00-1240	EA	Extension For 1-1/2" to 2" Ball Valve, 1-3/4" Length .....	46.25	
22 11 16 00-1241		<b>Polypropylene Random (PP-R), Heat Fusion, Draining Branch</b> (22 11 16 00-0912)		
22 11 16 00-1242	EA	1/2" Polypropylene, Heat Fusion, Draining Branch .....	36.35	7.18
22 11 16 00-1243	EA	3/4" Polypropylene, Heat Fusion, Draining Branch .....	37.11	7.54
22 11 16 00-1244	EA	1" Polypropylene, Heat Fusion, Draining Branch .....	42.33	8.99
22 11 16 00-1245	EA	1-1/4" Polypropylene, Heat Fusion, Draining Branch .....	43.72	9.69
22 11 16 00-1246	EA	1-1/2" Polypropylene, Heat Fusion, Draining Branch .....	47.88	10.76
22 11 16 00-1247	EA	2" Polypropylene, Heat Fusion, Draining Branch .....	51.85	10.97
22 11 16 00-1248		<b>Cross-Linked Polyethylene Tubing, ASTM F877</b> (22 11 16)		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1249		<b>Cross-Linked Polyethylene Tubing</b> (22 11 16 00-1248)		
22 11 16 00-1250	LF	3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing .....	5.60	
		<i>For Work In Restricted Working Space, Add</i>	1.00	
22 11 16 00-1251	LF	1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing .....	6.13	
		<i>For Work In Restricted Working Space, Add</i>	1.08	
22 11 16 00-1252	LF	3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing .....	8.51	
		<i>For Work In Restricted Working Space, Add</i>	1.17	
22 11 16 00-1253	LF	1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing .....	12.04	
		<i>For Work In Restricted Working Space, Add</i>	1.23	
22 11 16 00-1254		<b>Cross-Linked Polyethylene Forged Brass PEX Fittings</b> (22 11 16 00-1248)		
		Note: Aboveground, domestic water usage.		
22 11 16 00-1255		<b>Male Adapters</b> (22 11 16 00-1254)		
22 11 16 00-1256	EA	3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	22.66	
		<i>For Work In Restricted Working Space, Add</i>	5.18	
22 11 16 00-1257	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	24.45	
		<i>For Work In Restricted Working Space, Add</i>	5.52	
22 11 16 00-1258	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	26.86	
		<i>For Work In Restricted Working Space, Add</i>	5.87	
22 11 16 00-1259	EA	3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	28.01	
		<i>For Work In Restricted Working Space, Add</i>	6.21	
22 11 16 00-1260	EA	3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	26.86	
		<i>For Work In Restricted Working Space, Add</i>	5.87	
22 11 16 00-1261	EA	1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing .....	35.87	
		<i>For Work In Restricted Working Space, Add</i>	6.90	
22 11 16 00-1262		<b>Female Adapters</b> (22 11 16 00-1254)		
22 11 16 00-1263	EA	1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing .....	25.08	
		<i>For Work In Restricted Working Space, Add</i>	5.52	
22 11 16 00-1264	EA	1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing .....	28.59	
		<i>For Work In Restricted Working Space, Add</i>	5.87	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				22 11 16 00-1265 EA 3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing.....	29.74	
				<i>For Work In Restricted Working Space, Add</i>	6.21	
				22 11 16 00-1266 EA 3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing.....	28.59	
				<i>For Work In Restricted Working Space, Add</i>	5.87	
				22 11 16 00-1267 EA 1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing.....	36.66	
				<i>For Work In Restricted Working Space, Add</i>	6.90	
<b>22 11 16 00-1268</b>				<b>Tube Adapters</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1269 EA 3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing.....	20.10	
				<i>For Work In Restricted Working Space, Add</i>	5.18	
				22 11 16 00-1270 EA 1/2" Forged Brass Tube Adapter For PEX Tubing.....	21.25	
				<i>For Work In Restricted Working Space, Add</i>	5.52	
				22 11 16 00-1271 EA 3/4" Forged Brass Tube Adapter For PEX Tubing.....	25.96	
				<i>For Work In Restricted Working Space, Add</i>	6.21	
				22 11 16 00-1272 EA 1" Forged Brass Tube Adapter For PEX Tubing.....	34.25	
				<i>For Work In Restricted Working Space, Add</i>	6.90	
<b>22 11 16 00-1273</b>				<b>Plugs</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1274 EA 3/8" Forged Brass Plug For PEX Tubing.....	10.27	
				<i>For Work In Restricted Working Space, Add</i>	2.42	
				22 11 16 00-1275 EA 1/2" Forged Brass Plug For PEX Tubing.....	11.41	
				<i>For Work In Restricted Working Space, Add</i>	2.76	
				22 11 16 00-1276 EA 3/4" Forged Brass Plug For PEX Tubing.....	13.19	
				<i>For Work In Restricted Working Space, Add</i>	3.11	
				22 11 16 00-1277 EA 1" Forged Brass Plug For PEX Tubing.....	16.76	
				<i>For Work In Restricted Working Space, Add</i>	3.45	
<b>22 11 16 00-1278</b>				<b>Tees</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1279 EA 3/8" Forged Brass Tee For PEX Tubing.....	28.79	
				<i>For Work In Restricted Working Space, Add</i>	7.25	
				22 11 16 00-1280 EA 1/2" Forged Brass Tee For PEX Tubing.....	32.23	
				<i>For Work In Restricted Working Space, Add</i>	8.28	
				22 11 16 00-1281 EA 3/4" Forged Brass Tee For PEX Tubing.....	38.83	
				<i>For Work In Restricted Working Space, Add</i>	9.32	
				22 11 16 00-1282 EA 1" Forged Brass Tee For PEX Tubing.....	51.17	
				<i>For Work In Restricted Working Space, Add</i>	10.36	
				22 11 16 00-1283 EA 1/2" Forged Brass Reducing Tee For PEX Tubing.....	31.08	
				<i>For Work In Restricted Working Space, Add</i>	7.94	
				22 11 16 00-1284 EA 3/4" Forged Brass Reducing Tee For PEX Tubing.....	36.54	
				<i>For Work In Restricted Working Space, Add</i>	8.63	
				22 11 16 00-1285 EA 1" Forged Brass Reducing Tee For PEX Tubing.....	46.45	
				<i>For Work In Restricted Working Space, Add</i>	9.32	
<b>22 11 16 00-1286</b>				<b>Couplings</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1287 EA 3/8" Forged Brass Coupling For PEX Tubing.....	18.48	
				<i>For Work In Restricted Working Space, Add</i>	4.83	
				22 11 16 00-1288 EA 1/2" Forged Brass Coupling For PEX Tubing.....	20.93	
				<i>For Work In Restricted Working Space, Add</i>	5.52	
				22 11 16 00-1289 EA 3/4" Forged Brass Coupling For PEX Tubing.....	24.02	
				<i>For Work In Restricted Working Space, Add</i>	6.21	
				22 11 16 00-1290 EA 1" Forged Brass Coupling For PEX Tubing.....	29.99	
				<i>For Work In Restricted Working Space, Add</i>	6.90	
				22 11 16 00-1291 EA 3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing.....	22.87	
				<i>For Work In Restricted Working Space, Add</i>	5.87	
				22 11 16 00-1292 EA 1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing.....	28.84	
				<i>For Work In Restricted Working Space, Add</i>	6.56	
<b>22 11 16 00-1293</b>				<b>Fitting Reducers</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1294 EA 3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing.....	20.57	
				<i>For Work In Restricted Working Space, Add</i>	5.18	
				22 11 16 00-1295 EA 1/2" Forged Brass Fitting Reducer For PEX Tubing.....	21.72	
				<i>For Work In Restricted Working Space, Add</i>	5.52	
				22 11 16 00-1296 EA 3/4" Forged Brass Fitting Reducer For PEX Tubing.....	26.90	
				<i>For Work In Restricted Working Space, Add</i>	6.21	
				22 11 16 00-1297 EA 1" Forged Brass Fitting Reducer For PEX Tubing.....	39.66	
				<i>For Work In Restricted Working Space, Add</i>	6.90	
<b>22 11 16 00-1298</b>				<b>90 Degree Elbows</b> <small>(22 11 16 00-1254)</small>		
				22 11 16 00-1299 EA 3/8" Forged Brass 90 Degree Elbow For PEX Tubing.....	19.90	
				<i>For Work In Restricted Working Space, Add</i>	4.83	
				22 11 16 00-1300 EA 1/2" Forged Brass 90 Degree Elbow For PEX Tubing.....	22.20	
				<i>For Work In Restricted Working Space, Add</i>	5.52	
				22 11 16 00-1301 EA 3/4" Forged Brass 90 Degree Elbow For PEX Tubing.....	26.90	
				<i>For Work In Restricted Working Space, Add</i>	6.21	
				22 11 16 00-1302 EA 3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing.....	25.75	
				<i>For Work In Restricted Working Space, Add</i>	5.87	

**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1303	EA		1/2" Drop 90 Degree Elbow For PEX Tubing.....	32.06	
			<i>For Work In Restricted Working Space, Add</i>	5.52	
22 11 16 00-1304	EA		3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing .....	35.78	
			<i>For Work In Restricted Working Space, Add</i>	6.21	
22 11 16 00-1305	EA		3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing .....	34.63	
			<i>For Work In Restricted Working Space, Add</i>	5.87	
<b>22 11 19</b>			<b>Domestic Water Piping Specialties (22 11)</b>		
22 11 19 00-0001			<b>Rubber Hose And Clamps (22 11 19)</b>		
22 11 19 00-0002			<b>General Purpose Hose (22 11 19 00-0001)</b>		
			Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0003	LF		3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	8.83	2.29
22 11 19 00-0004	LF		1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	10.59	2.29
22 11 19 00-0005	LF		5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	13.28	2.29
22 11 19 00-0006	LF		3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	13.42	2.29
22 11 19 00-0007	LF		1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	18.87	3.44
22 11 19 00-0008	LF		1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	32.44	3.44
22 11 19 00-0009	LF		1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	35.22	4.58
22 11 19 00-0010	LF		2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	69.67	4.58
22 11 19 00-0011			<b>Reinforced EPDM Water Hose Assembly (22 11 19 00-0001)</b>		
			Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0012	LF		1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	93.67	4.58
22 11 19 00-0013	LF		2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	110.75	4.58
22 11 19 00-0014	LF		3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	155.82	5.63
22 11 19 00-0015	LF		4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	219.57	7.61
22 11 19 00-0016			<b>Chemical Resistant Rubber Hoses (22 11 19 00-0001)</b>		
22 11 19 00-0017	EA		50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose .....	1,254.42	263.17
22 11 19 00-0018	EA		50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,731.45	263.17
22 11 19 00-0019			<b>Water Pump Hose (22 11 19 00-0001)</b>		
22 11 19 00-0020	EA		2" Inside Diameter, 20' Rubber Discharge Hose.....	762.52	69.93
22 11 19 00-0021	EA		2" Inside Diameter, 20' Rubber Intake Hose.....	810.69	69.93
22 11 19 00-0022			<b>Barbed Hose x Threaded Male Pipe, Steel Coupling (22 11 19 00-0001)</b>		
22 11 19 00-0023	EA		3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling .....	28.72	9.61
22 11 19 00-0024	EA		1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling .....	30.46	10.30
22 11 19 00-0025	EA		5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling .....	32.62	10.99
22 11 19 00-0026	EA		3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling .....	37.29	12.36
22 11 19 00-0027	EA		1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling .....	44.35	15.11
22 11 19 00-0028	EA		1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling.....	52.53	18.08
22 11 19 00-0029	EA		1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling.....	67.65	23.80
22 11 19 00-0030	EA		2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling.....	85.19	29.75
22 11 19 00-0031			<b>Worm-Drive Hose Clamp (22 11 19 00-0001)</b>		
22 11 19 00-0032	EA		3/8" To 1" Diameter Worm Drive Hose Clamp .....	12.85	3.44
22 11 19 00-0033	EA		1/2" To 1-1/8" Diameter Worm Drive Hose Clamp.....	13.57	3.44
22 11 19 00-0034	EA		5/8" To 1-1/2" Diameter Worm Drive Hose Clamp .....	14.31	3.44
22 11 19 00-0035	EA		3/4" To 2" Diameter Worm Drive Hose Clamp .....	15.22	3.44
22 11 19 00-0036	EA		1" To 2-1/2" Diameter Worm Drive Hose Clamp .....	16.23	3.44
22 11 19 00-0037	EA		1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp.....	17.66	4.58
22 11 19 00-0038	EA		1-1/2" To 3" Diameter Worm Drive Hose Clamp.....	19.00	4.58
22 11 19 00-0039			<b>Trap Primer And Accessories (22 11 19)</b>		
22 11 19 00-0040			<b>Trap Primer (22 11 19 00-0039)</b>		
22 11 19 00-0041	EA		1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699).....	324.92	17.26
22 11 19 00-0042	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500).....	198.88	11.51
22 11 19 00-0043	EA		1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500).....	192.45	11.51
22 11 19 00-0044			<b>Trap Primer Distribution Unit (22 11 19 00-0039)</b>		
22 11 19 00-0045	EA		Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) .....	161.02	23.01
			Note: Can be used for two, three or four drains.		
22 11 19 00-0046	EA		Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) .....	178.33	23.01
			Note: Can be used for two, three or four drains.		



				MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 11 19 00-0047 Trap Primer Manifold (22 11 19 00-0039)</b>						
		EA		Two Outlet Trap Primer Manifold.....	260.04	30.95
		EA		Four Outlet Trap Primer Manifold.....	396.15	35.21
		EA		Six Outlet Trap Primer Manifold.....	529.57	37.28
		EA		Eight Outlet Trap Primer Manifold.....	666.96	43.72
<b>22 11 19 00-0052 Brass, Anti Siphon Vacuum Breakers (22 11 19)</b>						
Note: Watts 288A						
		EA		1/2" Brass, Anti Siphon Vacuum Breaker.....	112.32	28.77
		EA		3/4" Brass, Anti Siphon Vacuum Breaker.....	129.33	32.21
		EA		1" Brass, Anti Siphon Vacuum Breaker.....	272.69	36.81
		EA		1-1/4" Brass, Anti Siphon Vacuum Breaker.....	437.94	42.57
		EA		1-1/2" Brass, Anti Siphon Vacuum Breaker.....	523.39	47.17
		EA		2" Brass, Anti Siphon Vacuum Breaker.....	769.31	57.53
		EA		2-1/2" Brass, Anti Siphon Vacuum Breaker.....	2,037.97	71.92
<b>22 11 19 00-0060 Anti Siphon Pressure Vacuum Breakers (22 11 19)</b>						
Note: Watts 800M4QT						
		EA		1/2" Anti Siphon Pressure Type Vacuum Breaker.....	344.40	28.77
		EA		3/4" Anti Siphon Pressure Type Vacuum Breaker.....	299.30	32.21
		EA		1" Anti Siphon Pressure Type Vacuum Breaker.....	430.54	36.81
		EA		1-1/4" Anti Siphon Pressure Type Vacuum Breaker.....	785.23	42.57
		EA		1-1/2" Anti Siphon Pressure Type Vacuum Breaker.....	956.78	47.17
		EA		2" Anti Siphon Pressure Type Vacuum Breaker.....	963.45	57.53
<b>22 11 19 00-0067 Bellows Type Water Hammer Arrestors (22 11 19)</b>						
		EA		Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005).....	216.36	13.76
		EA		>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010).....	418.23	16.64
		EA		>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020).....	608.11	16.64
		EA		>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030).....	1,474.92	16.64
		EA		>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040).....	1,655.76	16.64
		EA		>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050).....	2,027.58	16.64
<b>22 11 19 00-0074 Piston Type Water Hammer Arrestors (22 11 19)</b>						
<b>22 11 19 00-0075 Threaded Piston Type Water Hammer Arrestors (22 11 19 00-0074)</b>						
		EA		Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A).....	192.78	7.67
		EA		>11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B).....	372.57	8.85
		EA		>32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C).....	555.08	9.59
		EA		>60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D).....	1,369.92	12.37
		EA		>113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E).....	1,668.39	15.35
		EA		>154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F).....	1,898.82	16.64
<b>22 11 19 00-0082 Escutcheons (22 11 19)</b>						
<b>22 11 19 00-0083 Brass Escutcheons (22 11 19 00-0082)</b>						
<b>22 11 19 00-0084 Shallow Brass Escutcheons (22 11 19 00-0083)</b>						
		EA		3/8" IPS, Antique Or Polished Brass Shallow Escutcheon.....	13.27	2.88
		EA		1/2" IPS, Antique Or Polished Brass Shallow Escutcheon.....	14.32	2.88
<b>22 11 19 00-0087 Deep Bell Brass Escutcheons (22 11 19 00-0083)</b>						
		EA		3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.69	3.22
		EA		1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.73	3.22
<b>22 11 19 00-0090 Chrome Plated Brass Escutcheons With Setscrew (22 11 19 00-0083)</b>						
		EA		3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	22.89	2.88
		EA		1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	23.13	2.88
		EA		5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	23.50	2.88
		EA		3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	24.81	2.88
		EA		7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	25.19	3.45
		EA		1" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	26.48	3.45



**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 11 Facility Water Distribution**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0097	EA		1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	27.41	3.80
22 11 19 00-0098	EA		1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	28.65	4.03
22 11 19 00-0099	EA		2" IPS, Chrome Plated Brass Escutcheon With Setscrew .....	41.28	4.60
<b>22 11 19 00-0100</b>			<b>Plastic Escutcheons (22 11 19 00-0082)</b>		
<b>22 11 19 00-0101</b>			<b>Split-Ring White Plastic Escutcheons (22 11 19 00-0100)</b>		
22 11 19 00-0102	EA		3/8" IPS, Split-Ring White Plastic Escutcheon .....	7.24	2.86
22 11 19 00-0103	EA		1/2" IPS, Split-Ring White Plastic Escutcheon .....	7.24	2.86
22 11 19 00-0104	EA		3/4" IPS, Split-Ring White Plastic Escutcheon .....	8.53	3.20
22 11 19 00-0105	EA		1" IPS, Split-Ring White Plastic Escutcheon .....	9.23	3.44
22 11 19 00-0106	EA		1-1/4" IPS, Split-Ring White Plastic Escutcheon .....	9.94	3.78
22 11 19 00-0107	EA		1-1/2" IPS, Split-Ring White Plastic Escutcheon .....	10.60	4.01
22 11 19 00-0108	EA		2" IPS, Split-Ring White Plastic Escutcheon .....	11.92	4.58
22 11 19 00-0109	EA		2-1/2" IPS, Split-Ring White Plastic Escutcheon .....	15.66	4.92
22 11 19 00-0110	EA		3" IPS, Split-Ring White Plastic Escutcheon .....	19.42	5.15
22 11 19 00-0111	EA		4" IPS, Split-Ring White Plastic Escutcheon .....	23.74	5.73
<b>22 11 19 00-0112</b>			<b>Chrome Plate Plastic Escutcheons (22 11 19 00-0100)</b>		
22 11 19 00-0113	EA		1/2" IPS, Chrome Plate Plastic Escutcheon .....	9.85	2.86
22 11 19 00-0114	EA		3/4" IPS, Chrome Plate Plastic Escutcheon .....	10.76	3.20
22 11 19 00-0115	EA		1" IPS, Chrome Plate Plastic Escutcheon .....	12.11	3.44
22 11 19 00-0116	EA		1-1/4" IPS, Chrome Plate Plastic Escutcheon .....	13.46	3.78
22 11 19 00-0117	EA		1-1/2" IPS, Chrome Plate Plastic Escutcheon .....	14.15	4.01
22 11 19 00-0118	EA		2" IPS, Chrome Plate Plastic Escutcheon .....	17.96	4.58
22 11 19 00-0119	EA		2-1/2" IPS, Chrome Plate Plastic Escutcheon .....	26.54	4.92
22 11 19 00-0120	EA		3" IPS, Chrome Plate Plastic Escutcheon .....	27.45	5.15
22 11 19 00-0121	EA		4" IPS, Chrome Plate Plastic Escutcheon .....	29.26	5.73
<b>22 11 19 00-0122</b>			<b>Stainless Steel Escutcheons (22 11 19 00-0082)</b>		
<b>22 11 19 00-0123</b>			<b>Shallow Stainless Steel Escutcheons (22 11 19 00-0122)</b>		
22 11 19 00-0124	EA		3/8" IPS, Shallow Stainless Steel Escutcheon .....	18.73	2.88
22 11 19 00-0125	EA		1/2" IPS, Shallow Stainless Steel Escutcheon .....	18.73	2.88
22 11 19 00-0126	EA		3/4" IPS, Shallow Stainless Steel Escutcheon .....	26.88	3.22
<b>22 11 19 00-0127</b>			<b>Chrome Plated Steel Escutcheons (22 11 19 00-0082)</b>		
<b>22 11 19 00-0128</b>			<b>Split-Ring Chrome Plated Steel Escutcheons (22 11 19 00-0127)</b>		
22 11 19 00-0129	EA		1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	6.48	2.86
22 11 19 00-0130	EA		3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	7.05	3.20
22 11 19 00-0131	EA		1" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	7.77	3.44
22 11 19 00-0132	EA		1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	8.34	3.78
22 11 19 00-0133	EA		1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	8.92	4.01
22 11 19 00-0134	EA		2" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	10.27	4.58
22 11 19 00-0135	EA		2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	15.87	4.92
22 11 19 00-0136	EA		3" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	16.87	5.15
22 11 19 00-0137	EA		3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	20.95	5.49
22 11 19 00-0138	EA		4" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	18.37	5.73
22 11 19 00-0139	EA		5" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	23.91	6.30
22 11 19 00-0140	EA		6" IPS, Split-Ring Chrome Plated Steel Escutcheon .....	27.98	6.87
<b>22 11 19 00-0141</b>			<b>Wall Hydrants (22 11 19)</b>		
			Note: Female inlet connection, 3/4" hose thread outlet.		
<b>22 11 19 00-0142</b>			<b>Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants (22 11 19 00-0141)</b>		
			Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0143	EA		6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant .....	1,170.61	28.77
			<i>For Cast Bronze Box, Add</i>	62.29	
			<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0144	EA		12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant .....	1,226.50	34.52
			<i>For Cast Bronze Box, Add</i>	62.29	
			<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0145	EA		18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant .....	1,250.06	41.54
			<i>For Cast Bronze Box, Add</i>	62.29	
			<i>For 1" NPT Outlet, Add</i>	146.82	
<b>22 11 19 00-0146</b>			<b>Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants (22 11 19 00-0141)</b>		
			Note: 3/4" HPT outlet, 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0147	EA		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant .....	1,128.49	48.32
			<i>For Cast Bronze Box, Add</i>	62.29	
			<i>For 1" NPT Outlet, Add</i>	146.82	



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0148		<b>Cast Bronze Non-Freezing Wall Hydrant</b> <small>(22 11 19 00-0141)</small> Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0149	EA	3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	588.07	35.67
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0150	EA	4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	745.79	35.67
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0151	EA	6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	745.79	35.67
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0152	EA	8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	745.79	35.67
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0153	EA	10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	782.50	71.92
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0154	EA	12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	782.50	71.92
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0155	EA	18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	892.30	71.92
		<i>For 1" NPT Outlet, Add</i>	146.82	
22 11 19 00-0156		<b>Washer Boxes And Dryer Outlets</b> <small>(22 11 19)</small>		
22 11 19 00-0157		<b>Dryer Vent Kit</b> <small>(22 11 19 00-0156)</small> Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0158	EA	Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps.....	81.46	14.95
22 11 19 00-0159		<b>Washer Boxes And Dryer Vents</b> <small>(22 11 19 00-0156)</small> Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0160	EA	2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves .....	285.22	23.01
22 11 19 00-0161		<b>Ice Maker Outlet Box</b> <small>(22 11 19)</small> Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0162	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount .....	152.99	23.01
22 11 19 00-0163	EA	Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount .....	156.00	23.01
22 11 19 00-0164	EA	Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	234.50	23.01
22 11 19 00-0165		<b>Tempering Controllers For Potable Hot Water</b> <small>(22 11 19)</small>		
22 11 19 00-0166		<b>Point-Of-Use Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0165)</small> Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0167	EA	1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007).....	584.11	27.89
22 11 19 00-0168	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004).....	142.43	27.89
22 11 19 00-0169	EA	1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008).....	327.26	27.89
22 11 19 00-0170	EA	3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016).....	373.22	37.57
22 11 19 00-0171		<b>Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0165)</small> Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0172	EA	3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025) .....	1,602.04	40.22
22 11 19 00-0173	EA	3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045).....	1,796.23	49.54
22 11 19 00-0174	EA	1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080).....	2,160.29	57.62
22 11 19 00-0175	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130).....	2,806.67	60.56
22 11 19 00-0176	EA	2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200).....	3,769.30	78.57
22 11 19 00-0177		<b>High Low Temperature Thermostatic Mixing Valves (Bradley)</b> <small>(22 11 19 00-0165)</small> Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0178	EA	3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045).....	4,102.15	61.94
22 11 19 00-0179	EA	1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080).....	5,342.97	72.02
22 11 19 00-0180	EA	1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130).....	6,234.93	75.70
22 11 19 00-0181	EA	2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200).....	6,900.99	98.21
22 11 19 00-0182		<b>Thermostatic Mixing Valves (Leonard)</b> <small>(22 11 19 00-0165)</small> Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0183	EA	3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF).....	1,158.53	40.22
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0184	EA	1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF).....	1,363.04	49.53
		Note: For hot water or two pipe low pressure steam.		
22 11 19 00-0185	EA	1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF) .....	1,676.61	57.62
		Note: For hot water or two pipe low pressure steam.		

**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 11 Facility Water Distribution**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 11 19 00-0186	EA	1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF).....		2,054.24	60.58
		Note: For hot water or two pipe low pressure steam.			
22 11 19 00-0187	EA	2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF).....		3,056.83	78.57
		Note: For hot water or two pipe low pressure steam.			
22 11 19 00-0188		<b>Water Mixing/Self Operating Temperature Regulator</b> (22 11 19 00-0165)			
		Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.			
22 11 19 00-0189	EA	3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		3,252.93	57.53
22 11 19 00-0190	EA	1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		3,442.85	72.49
22 11 19 00-0191	EA	1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		3,789.32	87.44
22 11 19 00-0192	EA	1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		4,168.84	102.40
22 11 19 00-0193	EA	2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		4,962.17	134.62
22 11 19 00-0194	EA	2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....		5,865.39	153.52
22 11 19 00-0195		<b>Thermostatic Mixing Valves (Holby)</b> (22 11 19 00-0165)			
22 11 19 00-0196	EA	2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500).....		5,469.47	78.59
22 11 19 00-0197		<b>Backflow Preventer Valves</b> (22 11 19)			
22 11 19 00-0198		<b>Double Check Valve Backflow Preventer Assemblies</b> (22 11 19 00-0197)			
22 11 19 00-0199		<b>Threaded Double Check Valve Assemblies</b> (22 11 19 00-0198)			
22 11 19 00-0200		<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> (22 11 19 00-0199)			
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).			
22 11 19 00-0201	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series).....		473.32	30.83
		For Work In Restricted Working Space, Add		23.13	
		For Owner Furnished Material, Deduct		-396.23	
22 11 19 00-0202	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....		556.60	43.72
		For Work In Restricted Working Space, Add		32.79	
		For Owner Furnished Material, Deduct		-447.30	
22 11 19 00-0203	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....		640.97	53.39
		For Work In Restricted Working Space, Add		40.04	
		For Owner Furnished Material, Deduct		-507.50	
22 11 19 00-0204	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....		900.93	62.13
		For Work In Restricted Working Space, Add		46.60	
		For Owner Furnished Material, Deduct		-745.60	
22 11 19 00-0205	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....		1,117.34	71.33
		For Work In Restricted Working Space, Add		53.16	
		For Owner Furnished Material, Deduct		-940.15	
22 11 19 00-0206	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series).....		1,284.14	92.04
		For Work In Restricted Working Space, Add		69.03	
		For Owner Furnished Material, Deduct		-1,054.03	
22 11 19 00-0207		<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer</b> (22 11 19 00-0199)			
		Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).			
22 11 19 00-0208	EA	1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		586.70	30.83
		For Work In Restricted Working Space, Add		23.13	
		For Owner Furnished Material, Deduct		-509.61	
22 11 19 00-0209	EA	3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		722.66	43.72
		For Work In Restricted Working Space, Add		32.79	
		For Owner Furnished Material, Deduct		-613.36	
22 11 19 00-0210	EA	1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		844.55	53.39
		For Work In Restricted Working Space, Add		40.04	
		For Owner Furnished Material, Deduct		-711.08	
22 11 19 00-0211	EA	1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		1,191.00	62.13
		For Work In Restricted Working Space, Add		46.60	
		For Owner Furnished Material, Deduct		-1,035.67	
22 11 19 00-0212	EA	1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		1,458.99	71.33
		For Work In Restricted Working Space, Add		53.16	
		For Owner Furnished Material, Deduct		-1,281.80	
22 11 19 00-0213	EA	2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S).....		1,755.82	92.04
		For Work In Restricted Working Space, Add		69.03	
		For Owner Furnished Material, Deduct		-1,525.71	
22 11 19 00-0214		<b>Flanged Double Check Valve Assemblies</b> (22 11 19 00-0198)			
22 11 19 00-0215		<b>Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> (22 11 19 00-0214)			
		Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0216 EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS) .....	6,471.55	254.28
<i>For Work In Restricted Working Space, Add</i>	<i>101.72</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-6,132.50</i>	
22 11 19 00-0217 EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS) .....	7,110.26	286.08
<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-6,734.13</i>	
<b>22 11 19 00-0218 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0214)</sup>		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0219 EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY).....	7,094.88	254.28
<i>For Work In Restricted Working Space, Add</i>	<i>101.72</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-6,755.83</i>	
22 11 19 00-0220 EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY) .....	8,149.14	286.08
<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-7,773.01</i>	
<b>22 11 19 00-0221 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> <sup>(22 11 19 00-0214)</sup>		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).		
22 11 19 00-0222 EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series).....	6,516.50	254.28
<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-6,177.47</i>	
22 11 19 00-0223 EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series) .....	4,955.53	286.08
<i>For Work In Restricted Working Space, Add</i>	<i>112.85</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-4,579.38</i>	
22 11 19 00-0224 EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series) .....	7,760.98	423.81
<i>For Work In Restricted Working Space, Add</i>	<i>169.43</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-7,196.20</i>	
22 11 19 00-0225 EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) .....	11,821.83	657.24
<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-10,634.56</i>	
22 11 19 00-0226 EA 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) .....	27,070.68	985.86
<i>For Work In Restricted Working Space, Add</i>	<i>534.36</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-25,289.49</i>	
22 11 19 00-0227 EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series) .....	34,780.94	1,166.06
<i>For Work In Restricted Working Space, Add</i>	<i>636.04</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-32,660.82</i>	
<b>22 11 19 00-0228 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer</b> <sup>(22 11 19 00-0214)</sup>		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0229 EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	9,077.36	423.81
<i>For Work In Restricted Working Space, Add</i>	<i>169.42</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-8,512.63</i>	
22 11 19 00-0230 EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	15,130.00	657.24
<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-13,942.73</i>	
22 11 19 00-0231 EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series).....	40,424.67	1,166.06
<i>For Work In Restricted Working Space, Add</i>	<i>636.04</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-38,304.55</i>	
<b>22 11 19 00-0232 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0214)</sup>		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).		
22 11 19 00-0233 EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	6,924.30	254.28
<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-6,585.27</i>	
22 11 19 00-0234 EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series) .....	7,607.99	286.08
<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-7,231.86</i>	
22 11 19 00-0235 EA 4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	8,238.50	423.81
<i>For Work In Restricted Working Space, Add</i>	<i>169.42</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-7,673.77</i>	
22 11 19 00-0236 EA 6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	13,852.33	657.24
<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-12,665.06</i>	
22 11 19 00-0237 EA 8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	28,756.69	985.86
<i>For Work In Restricted Working Space, Add</i>	<i>534.27</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-26,975.78</i>	
22 11 19 00-0238 EA 10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series).....	36,956.75	1,166.06
<i>For Work In Restricted Working Space, Add</i>	<i>636.04</i>	
<i>For Owner Furnished Material, Deduct</i>	<i>-34,836.63</i>	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0239			<b>Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22)</sup> <small>11 19 00-0214</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		
22 11 19 00-0240	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	4,107.07	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.71	
			<i>For Owner Furnished Material, Deduct</i>	-3,768.04	
22 11 19 00-0241	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	4,521.19	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
			<i>For Owner Furnished Material, Deduct</i>	-4,145.06	
22 11 19 00-0242	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	5,086.81	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
			<i>For Owner Furnished Material, Deduct</i>	-4,522.08	
22 11 19 00-0243	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	8,258.18	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-7,070.91	
22 11 19 00-0244	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	15,760.69	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-13,979.78	
22 11 19 00-0245	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	17,079.48	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	636.04	
			<i>For Owner Furnished Material, Deduct</i>	-14,959.36	
22 11 19 00-0246			<b>N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs</b> <sup>(22 11 19 00-0214)</sup> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0247	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	5,444.05	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.71	
			<i>For Owner Furnished Material, Deduct</i>	-5,105.02	
22 11 19 00-0248	EA		3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	5,858.17	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
			<i>For Owner Furnished Material, Deduct</i>	-5,482.04	
22 11 19 00-0249	EA		4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series).....	7,320.95	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
			<i>For Owner Furnished Material, Deduct</i>	-6,756.22	
22 11 19 00-0250	EA		6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	11,998.23	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-10,810.96	
22 11 19 00-0251	EA		8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	21,303.83	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-19,522.92	
22 11 19 00-0252	EA		10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	25,351.22	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	636.04	
			<i>For Owner Furnished Material, Deduct</i>	-23,231.10	
22 11 19 00-0253			<b>Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves</b> <sup>(22 11 19 00-0214)</sup> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0254	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	3,841.15	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.71	
			<i>For Owner Furnished Material, Deduct</i>	-3,502.12	
22 11 19 00-0255	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	4,267.36	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
			<i>For Owner Furnished Material, Deduct</i>	-3,891.23	
22 11 19 00-0256	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	4,844.92	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
			<i>For Owner Furnished Material, Deduct</i>	-4,280.19	
22 11 19 00-0257	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	8,068.16	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-6,880.89	
22 11 19 00-0258	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	15,577.57	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-13,796.66	
22 11 19 00-0259	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	17,590.78	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	636.04	
			<i>For Owner Furnished Material, Deduct</i>	-15,470.66	
22 11 19 00-0260			<b>N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs</b> <sup>(22 11 19 00-0214)</sup> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0261	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	5,066.02	254.28
			<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-4,726.99</i>	
22 11 19 00-0262	EA		3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	5,480.14	286.08
			<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-5,104.01</i>	
22 11 19 00-0263	EA		4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	6,943.39	423.81
			<i>For Work In Restricted Working Space, Add</i>	<i>169.42</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-6,378.66</i>	
22 11 19 00-0264	EA		6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	11,596.09	657.24
			<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-10,408.82</i>	
22 11 19 00-0265	EA		8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	20,695.15	985.86
			<i>For Work In Restricted Working Space, Add</i>	<i>534.27</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-18,914.24</i>	
22 11 19 00-0266	EA		10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	24,740.77	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	<i>636.04</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-22,620.65</i>	
<b>22 11 19 00-0267</b>			<b>Double Check Valve Assemblies With Butterfly Shut-Off Valves</b> <small>(22 11 19 00-0214)</small>		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0268	EA		2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,470.06	254.28
			<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-4,131.03</i>	
22 11 19 00-0269	EA		3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,884.18	286.08
			<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-4,508.05</i>	
22 11 19 00-0270	EA		4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,449.80	423.81
			<i>For Work In Restricted Working Space, Add</i>	<i>169.42</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-4,885.07</i>	
22 11 19 00-0271	EA		6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	8,630.32	657.24
			<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-7,443.05</i>	
22 11 19 00-0272	EA		8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	16,132.83	985.86
			<i>For Work In Restricted Working Space, Add</i>	<i>534.27</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-14,351.92</i>	
<b>22 11 19 00-0273</b>			<b>N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs</b> <small>(22 11 19 00-0214)</small>		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0274	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,807.04	254.28
			<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-5,468.01</i>	
22 11 19 00-0275	EA		3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	6,221.16	286.08
			<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-5,845.03</i>	
22 11 19 00-0276	EA		4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	7,683.94	423.81
			<i>For Work In Restricted Working Space, Add</i>	<i>169.42</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-7,119.21</i>	
22 11 19 00-0277	EA		6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	12,370.45	657.24
			<i>For Work In Restricted Working Space, Add</i>	<i>356.18</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-11,183.18</i>	
22 11 19 00-0278	EA		8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	16,132.83	985.86
			<i>For Work In Restricted Working Space, Add</i>	<i>534.27</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-14,351.92</i>	
22 11 19 00-0279			<b>Grooved Double Check Valve Assemblies</b> <small>(22 11 19 00-0198)</small>		
22 11 19 00-0280			<b>Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0279)</small>		
			Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0281	EA		2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	3,841.15	135.62
			<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-3,502.12</i>	
22 11 19 00-0282	EA		3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	4,267.36	150.45
			<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-3,891.23</i>	
<b>22 11 19 00-0283</b>			<b>N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0279)</small>		
			Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0284	EA		2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	5,066.02	135.62
			<i>For Work In Restricted Working Space, Add</i>	<i>101.71</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-4,726.99</i>	
22 11 19 00-0285	EA		3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	5,480.14	150.45
			<i>For Work In Restricted Working Space, Add</i>	<i>112.84</i>	
			<i>For Owner Furnished Material, Deduct</i>	<i>-5,104.01</i>	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 11 19 00-0286	Reduced Pressure Zone Backflow Preventer Assemblies (22 11 19 00-0197)		
22 11 19 00-0287	Threaded Reduced Pressure Zone Assemblies (22 11 19 00-0286)		
22 11 19 00-0288	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0287) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
22 11 19 00-0289	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	527.57	26.69
	<i>For Work In Restricted Working Space, Add</i>	20.02	
	<i>For Owner Furnished Material, Deduct</i>	-460.84	
22 11 19 00-0290	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	556.86	29.45
	<i>For Work In Restricted Working Space, Add</i>	22.09	
	<i>For Owner Furnished Material, Deduct</i>	-483.22	
22 11 19 00-0291	EA 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	649.51	30.83
	<i>For Work In Restricted Working Space, Add</i>	23.13	
	<i>For Owner Furnished Material, Deduct</i>	-572.42	
22 11 19 00-0292	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	871.65	43.72
	<i>For Work In Restricted Working Space, Add</i>	32.79	
	<i>For Owner Furnished Material, Deduct</i>	-762.35	
22 11 19 00-0293	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,033.79	53.39
	<i>For Work In Restricted Working Space, Add</i>	40.04	
	<i>For Owner Furnished Material, Deduct</i>	-900.32	
22 11 19 00-0294	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,567.66	62.13
	<i>For Work In Restricted Working Space, Add</i>	46.60	
	<i>For Owner Furnished Material, Deduct</i>	-1,412.33	
22 11 19 00-0295	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,655.95	71.33
	<i>For Work In Restricted Working Space, Add</i>	53.16	
	<i>For Owner Furnished Material, Deduct</i>	-1,478.76	
22 11 19 00-0296	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,984.89	92.04
	<i>For Work In Restricted Working Space, Add</i>	69.03	
	<i>For Owner Furnished Material, Deduct</i>	-1,754.78	
22 11 19 00-0297	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0287) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0298	EA 1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	583.36	26.69
	<i>For Work In Restricted Working Space, Add</i>	20.02	
	<i>For Owner Furnished Material, Deduct</i>	-516.63	
22 11 19 00-0299	EA 3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	615.66	29.45
	<i>For Work In Restricted Working Space, Add</i>	22.09	
	<i>For Owner Furnished Material, Deduct</i>	-542.02	
22 11 19 00-0300	EA 1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	730.08	43.72
	<i>For Work In Restricted Working Space, Add</i>	23.13	
	<i>For Owner Furnished Material, Deduct</i>	-652.99	
22 11 19 00-0301	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	998.28	43.72
	<i>For Work In Restricted Working Space, Add</i>	32.79	
	<i>For Owner Furnished Material, Deduct</i>	-888.98	
22 11 19 00-0302	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,192.12	53.39
	<i>For Work In Restricted Working Space, Add</i>	40.04	
	<i>For Owner Furnished Material, Deduct</i>	-1,058.65	
22 11 19 00-0303	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,783.59	62.13
	<i>For Work In Restricted Working Space, Add</i>	46.60	
	<i>For Owner Furnished Material, Deduct</i>	-1,628.26	
22 11 19 00-0304	EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,960.67	71.33
	<i>For Work In Restricted Working Space, Add</i>	53.16	
	<i>For Owner Furnished Material, Deduct</i>	-1,783.48	
22 11 19 00-0305	EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	2,358.74	92.04
	<i>For Work In Restricted Working Space, Add</i>	69.03	
	<i>For Owner Furnished Material, Deduct</i>	-2,128.63	
22 11 19 00-0306	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0287) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0307	EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	871.65	43.72
	<i>For Work In Restricted Working Space, Add</i>	32.79	
	<i>For Owner Furnished Material, Deduct</i>	-762.35	
22 11 19 00-0308	EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,033.79	53.39
	<i>For Work In Restricted Working Space, Add</i>	40.04	
	<i>For Owner Furnished Material, Deduct</i>	-900.32	
22 11 19 00-0309	EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,567.66	62.13
	<i>For Work In Restricted Working Space, Add</i>	46.60	
	<i>For Owner Furnished Material, Deduct</i>	-1,412.33	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 19 00-0310	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,655.95	71.33
				<i>For Work In Restricted Working Space, Add</i>	53.16	
				<i>For Owner Furnished Material, Deduct</i>	-1,478.76	
	22 11 19 00-0311	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,984.89	92.04
				<i>For Work In Restricted Working Space, Add</i>	69.03	
				<i>For Owner Furnished Material, Deduct</i>	-1,754.78	
	<b>22 11 19 00-0312</b>			<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> <small>(22 11 19 00-0287)</small>		
				Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
	22 11 19 00-0313	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	998.28	43.72
				<i>For Work In Restricted Working Space, Add</i>	32.79	
				<i>For Owner Furnished Material, Deduct</i>	-888.98	
	22 11 19 00-0314	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,192.12	53.39
				<i>For Work In Restricted Working Space, Add</i>	40.04	
				<i>For Owner Furnished Material, Deduct</i>	-1,058.65	
	22 11 19 00-0315	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,783.59	62.13
				<i>For Work In Restricted Working Space, Add</i>	46.60	
				<i>For Owner Furnished Material, Deduct</i>	-1,628.26	
	22 11 19 00-0316	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,960.67	71.33
				<i>For Work In Restricted Working Space, Add</i>	53.16	
				<i>For Owner Furnished Material, Deduct</i>	-1,783.48	
	22 11 19 00-0317	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	2,358.74	92.04
				<i>For Work In Restricted Working Space, Add</i>	69.03	
				<i>For Owner Furnished Material, Deduct</i>	-2,128.63	
	<b>22 11 19 00-0318</b>			<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs</b> <small>(22 11 19 00-0287)</small>		
				Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
	22 11 19 00-0319	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT) .....	1,812.15	43.72
				<i>For Work In Restricted Working Space, Add</i>	32.79	
				<i>For Owner Furnished Material, Deduct</i>	-1,702.85	
	22 11 19 00-0320	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT) .....	2,144.50	53.39
				<i>For Work In Restricted Working Space, Add</i>	40.04	
				<i>For Owner Furnished Material, Deduct</i>	-2,011.03	
	22 11 19 00-0321	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT) .....	3,305.89	62.13
				<i>For Work In Restricted Working Space, Add</i>	46.60	
				<i>For Owner Furnished Material, Deduct</i>	-3,150.56	
	22 11 19 00-0322	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT) .....	3,572.86	71.33
				<i>For Work In Restricted Working Space, Add</i>	53.16	
				<i>For Owner Furnished Material, Deduct</i>	-3,395.67	
	22 11 19 00-0323	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	4,141.79	92.04
				<i>For Work In Restricted Working Space, Add</i>	69.03	
				<i>For Owner Furnished Material, Deduct</i>	-3,911.68	
	<b>22 11 19 00-0324</b>			<b>Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer</b> <small>(22 11 19 00-0287)</small>		
				Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).		
	22 11 19 00-0325	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,445.13	43.72
				<i>For Work In Restricted Working Space, Add</i>	32.79	
				<i>For Owner Furnished Material, Deduct</i>	-2,335.83	
	22 11 19 00-0326	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,906.19	53.39
				<i>For Work In Restricted Working Space, Add</i>	40.04	
				<i>For Owner Furnished Material, Deduct</i>	-2,772.72	
	22 11 19 00-0327	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	4,436.53	62.13
				<i>For Work In Restricted Working Space, Add</i>	46.60	
				<i>For Owner Furnished Material, Deduct</i>	-4,281.20	
	22 11 19 00-0328	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	4,845.41	71.33
				<i>For Work In Restricted Working Space, Add</i>	53.16	
				<i>For Owner Furnished Material, Deduct</i>	-4,668.22	
	22 11 19 00-0329	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	5,753.19	92.04
				<i>For Work In Restricted Working Space, Add</i>	69.03	
				<i>For Owner Furnished Material, Deduct</i>	-5,523.08	
	<b>22 11 19 00-0330</b>			<b>Intermediate Atmospheric Back Flow Preventer</b> <small>(22 11 19 00-0287)</small>		
	22 11 19 00-0331	EA		1/2" Intermediate Atmospheric Back Flow Preventer With Double Check Valves .....	143.61	18.90
				<i>For Work In Restricted Working Space, Add</i>	23.20	
				<i>For Owner Furnished Material, Deduct</i>	-66.29	
	22 11 19 00-0332	EA		3/4" Intermediate Atmospheric Back Flow Preventer With Double Check Valves .....	176.01	26.50
				<i>For Work In Restricted Working Space, Add</i>	32.92	
				<i>For Owner Furnished Material, Deduct</i>	-66.29	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 11 19 00-0333	Flanged Reduced Pressure Zone Assemblies (22 11 19 00-0286)		
22 11 19 00-0334	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0333) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0335	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	5,949.01	254.28
	For Work In Restricted Working Space, Add	101.72	
	For Owner Furnished Material, Deduct	-5,609.96	
22 11 19 00-0336	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	6,704.01	286.08
	For Work In Restricted Working Space, Add	112.84	
	For Owner Furnished Material, Deduct	-6,327.88	
22 11 19 00-0337	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer (22 11 19 00-0333) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		
22 11 19 00-0338	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	7,099.54	254.28
	For Work In Restricted Working Space, Add	101.72	
	For Owner Furnished Material, Deduct	-6,760.49	
22 11 19 00-0339	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	8,040.60	286.08
	For Work In Restricted Working Space, Add	112.84	
	For Owner Furnished Material, Deduct	-7,664.47	
22 11 19 00-0340	Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs (22 11 19 00-0333) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0341	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	6,389.37	254.28
	For Work In Restricted Working Space, Add	101.72	
	For Owner Furnished Material, Deduct	-6,050.32	
22 11 19 00-0342	EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	7,435.88	286.08
	For Work In Restricted Working Space, Add	112.84	
	For Owner Furnished Material, Deduct	-7,059.75	
22 11 19 00-0343	Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer (22 11 19 00-0333) Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0344	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	7,099.54	254.28
	For Work In Restricted Working Space, Add	101.72	
	For Owner Furnished Material, Deduct	-6,760.49	
22 11 19 00-0345	EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	8,040.60	286.08
	For Work In Restricted Working Space, Add	112.84	
	For Owner Furnished Material, Deduct	-7,664.47	
22 11 19 00-0346	Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0333) Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0347	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	7,885.67	254.28
	For Work In Restricted Working Space, Add	101.72	
	For Owner Furnished Material, Deduct	-7,546.62	
22 11 19 00-0348	EA 3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	9,127.55	286.08
	For Work In Restricted Working Space, Add	112.84	
	For Owner Furnished Material, Deduct	-8,751.42	
22 11 19 00-0349	Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0333) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0350	EA 2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	10,245.62	254.28
	For Work In Restricted Working Space, Add	101.71	
	For Owner Furnished Material, Deduct	-9,906.59	
22 11 19 00-0351	EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	11,641.04	286.08
	For Work In Restricted Working Space, Add	112.85	
	For Owner Furnished Material, Deduct	-11,264.89	
22 11 19 00-0352	EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	14,647.06	423.81
	For Work In Restricted Working Space, Add	169.43	
	For Owner Furnished Material, Deduct	-14,082.28	
22 11 19 00-0353	EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	22,123.37	657.24
	For Work In Restricted Working Space, Add	498.68	
	For Owner Furnished Material, Deduct	-20,461.09	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0354	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	36,711.79 748.03 -34,218.37	985.86
22 11 19 00-0355	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	47,441.58 636.04 -45,321.46	1,166.06
<b>22 11 19 00-0356</b>			<b>Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer</b> <small>(22 11 19 00-0333)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0357	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	11,044.17 101.71 -10,705.14	254.28
22 11 19 00-0358	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	12,481.43 112.84 -12,105.30	286.08
22 11 19 00-0359	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,935.53 169.42 -15,370.80	423.81
22 11 19 00-0360	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	24,073.68 356.18 -22,886.41	657.24
22 11 19 00-0361	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	38,993.58 534.27 -37,212.67	985.86
22 11 19 00-0362	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	52,939.09 636.04 -50,818.97	1,166.06
<b>22 11 19 00-0363</b>			<b>Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs</b> <small>(22 11 19 00-0333)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		
22 11 19 00-0364	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	10,903.06 101.71 -10,564.03	254.28
22 11 19 00-0365	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	12,394.62 112.85 -12,018.47	286.08
22 11 19 00-0366	EA		4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	15,583.60 169.43 -15,018.82	423.81
22 11 19 00-0367	EA		6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	23,013.61 356.18 -21,826.34	657.24
22 11 19 00-0368	EA		8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	38,281.56 534.27 -36,500.65	985.86
22 11 19 00-0369	EA		10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	50,461.31 636.04 -48,341.19	1,166.06
22 11 19 00-0370			<b>Double Check Detector Assemblies</b> <small>(22 11 19 00-0197)</small>		
22 11 19 00-0371			<b>Flanged Double Check Detector Assemblies With Meter</b> <small>(22 11 19 00-0370)</small>		
22 11 19 00-0372			<b>Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter</b> <small>(22 11 19 00-0371)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0373	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	8,164.72 112.84 -7,788.59	286.08
22 11 19 00-0374	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	8,534.04 169.42 -7,969.31	423.81



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0375	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	11,535.70	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-10,348.43	
22 11 19 00-0376	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	20,486.29	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-18,705.38	
22 11 19 00-0377	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	27,684.06	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	636.04	
			<i>For Owner Furnished Material, Deduct</i>	-25,563.94	
<b>22 11 19 00-0378</b>			<b>Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter</b> <small>(22 11 19 00-0371)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		
22 11 19 00-0379	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	6,109.11	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.72	
			<i>For Owner Furnished Material, Deduct</i>	-5,770.06	
22 11 19 00-0380	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	6,522.82	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
			<i>For Owner Furnished Material, Deduct</i>	-6,146.69	
22 11 19 00-0381	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	7,097.36	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
			<i>For Owner Furnished Material, Deduct</i>	-6,532.63	
22 11 19 00-0382	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	9,669.82	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-8,482.55	
22 11 19 00-0383	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	17,113.88	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-15,332.97	
22 11 19 00-0384	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	20,180.31	1,166.06
			<i>For Work In Restricted Working Space, Add</i>	636.04	
			<i>For Owner Furnished Material, Deduct</i>	-18,060.19	
<b>22 11 19 00-0385</b>			<b>Double Check Detector Assembly With Butterfly Valves And Meter</b> <small>(22 11 19 00-0371)</small>		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0386	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,472.17	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.72	
			<i>For Owner Furnished Material, Deduct</i>	-6,133.12	
22 11 19 00-0387	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,885.89	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
			<i>For Owner Furnished Material, Deduct</i>	-6,509.76	
22 11 19 00-0388	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	7,460.35	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
			<i>For Owner Furnished Material, Deduct</i>	-6,895.62	
22 11 19 00-0389	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	10,041.95	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
			<i>For Owner Furnished Material, Deduct</i>	-8,854.68	
22 11 19 00-0390	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	16,667.39	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	
			<i>For Owner Furnished Material, Deduct</i>	-14,886.48	
<b>22 11 19 00-0391</b>			<b>Flanged Double Check Detector Assemblies Without Meter</b> <small>(22 11 19 00-0370)</small>		
<b>22 11 19 00-0392</b>			<b>Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter</b> <small>(22 11 19 00-0391)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0393	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	5,994.47	254.28
			<i>For Work In Restricted Working Space, Add</i>	101.72	
22 11 19 00-0394	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	6,408.23	286.08
			<i>For Work In Restricted Working Space, Add</i>	112.84	
22 11 19 00-0395	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	6,982.77	423.81
			<i>For Work In Restricted Working Space, Add</i>	169.42	
22 11 19 00-0396	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	9,555.23	657.24
			<i>For Work In Restricted Working Space, Add</i>	356.18	
22 11 19 00-0397	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	16,999.37	985.86
			<i>For Work In Restricted Working Space, Add</i>	534.27	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0398	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series)..... <i>For Work In Restricted Working Space, Add</i>	20,065.64 636.04	1,166.06
<b>22 11 19 00-0399</b>			<b>Double Check Detector Assembly With Butterfly Valves Less Meter</b> (22 11 19 00-0391) <i>Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).</i>		
22 11 19 00-0400	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	6,357.51 101.72	254.28
22 11 19 00-0401	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	6,771.22 112.84	286.08
22 11 19 00-0402	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	7,345.76 169.42	423.81
22 11 19 00-0403	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	9,927.29 356.18	657.24
22 11 19 00-0404	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series)..... <i>For Work In Restricted Working Space, Add</i>	17,371.50 534.27	985.86
<b>22 11 19 00-0405</b>			<b>Backflow Preventer Accessories</b> (22 11 19 00-0197)		
<b>22 11 19 00-0406</b>			<b>Air Gap</b> (22 11 19 00-0405)		
22 11 19 00-0407	EA		Up To 1" Diameter Air Gap For Backflow Preventer .....	134.21	14.38
22 11 19 00-0408	EA		1-1/4" To 2" Diameter Air Gap For Backflow Preventer .....	165.24	17.26
22 11 19 00-0409	EA		2-1/2" To 3" Diameter Air Gap For Backflow Preventer .....	312.12	23.01
22 11 19 00-0410	EA		4" To 6" Diameter Air Gap For Backflow Preventer .....	618.40	40.27
22 11 19 00-0411	EA		8" To 10" Diameter Air Gap For Backflow Preventer .....	652.92	57.53
<b>22 11 19 00-0412</b>			<b>Brass Test Cocks</b> (22 11 19 00-0405)		
22 11 19 00-0413	EA		1/8" Or 1/4" Brass Test Cock .....	54.65	5.75
<b>22 11 19 00-0414</b>			<b>Backflow Valve Enclosures</b> (22 11 19 00-0197)		
<b>22 11 19 00-0415</b>			<b>Flip-Top, Insulated Fiberglass Valve Enclosures</b> (22 11 19 00-0414) <i>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</i>		
22 11 19 00-0416	EA		19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,380.54	103.55
			<i>For Heated Enclosure, Add</i>	168.25	
22 11 19 00-0417	EA		27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	1,694.39	103.55
			<i>For Heated Enclosure, Add</i>	215.33	
22 11 19 00-0418	EA		27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	2,143.31	95.36
			<i>For Heated Enclosure, Add</i>	285.74	
22 11 19 00-0419	EA		33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	2,230.96	127.15
			<i>For Heated Enclosure, Add</i>	286.97	
22 11 19 00-0420	EA		39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	2,337.39	127.15
			<i>For Heated Enclosure, Add</i>	302.93	
22 11 19 00-0421	EA		47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	2,752.22	127.15
			<i>For Heated Enclosure, Add</i>	365.15	
22 11 19 00-0422	EA		39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	2,763.13	127.15
			<i>For Heated Enclosure, Add</i>	366.79	
22 11 19 00-0423	EA		47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	3,469.97	127.15
			<i>For Heated Enclosure, Add</i>	472.82	
22 11 19 00-0424	EA		70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	7,979.09	190.71
			<i>For Heated Enclosure, Add</i>	1,125.35	
22 11 19 00-0425	EA		83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	11,546.02	190.71
			<i>For Heated Enclosure, Add</i>	1,660.38	
22 11 19 00-0426	EA		70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	10,972.91	190.71
			<i>For Heated Enclosure, Add</i>	1,574.42	
22 11 19 00-0427	EA		83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure .....	13,211.09	222.50
			<i>For Heated Enclosure, Add</i>	1,898.23	
<b>22 11 19 00-0428</b>			<b>One-Piece Drop Over, Insulated Fiberglass Valve Enclosures</b> (22 11 19 00-0414) <i>Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.</i>		
22 11 19 00-0429	EA		20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	728.31	27.61
			<i>For Heated Enclosure, Add</i>	136.46	
22 11 19 00-0430	EA		27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,017.59	27.61
			<i>For Heated Enclosure, Add</i>	194.31	
22 11 19 00-0431	EA		38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,281.39	25.43
			<i>For Heated Enclosure, Add</i>	247.80	
22 11 19 00-0432	EA		47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,941.83	25.43
			<i>For Heated Enclosure, Add</i>	379.89	
22 11 19 00-0433	EA		70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	5,035.52	47.68
			<i>For Heated Enclosure, Add</i>	991.21	
22 11 19 00-0434	EA		83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	6,883.12	47.68
			<i>For Heated Enclosure, Add</i>	1,360.73	
22 11 19 00-0435	EA		45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	4,577.03	47.68
			<i>For Heated Enclosure, Add</i>	899.51	
22 11 19 00-0436	EA		53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	5,182.89	47.68
			<i>For Heated Enclosure, Add</i>	1,020.68	



**22 Plumbing****22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0437	EA		61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure <i>For Heated Enclosure, Add</i>	8,122.13 1,608.53	47.68
<b>22 11 19 00-0438</b>			<b>Sectional, Insulated Aluminum Valve Enclosures</b> <small>(22 11 19 00-0414)</small> Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
22 11 19 00-0439	EA		70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	10,334.30 1,478.63 843.88 1,510.11	190.71
22 11 19 00-0440	EA		83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	11,390.46 1,637.05 843.88 1,510.11	190.71
22 11 19 00-0441	EA		53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,107.35 1,144.58 843.88 1,510.11	190.71
22 11 19 00-0442	EA		53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	8,887.88 1,261.66 843.88 1,510.11	190.71
22 11 19 00-0443	EA		90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	10,348.58 1,456.93 843.88 1,510.11	254.28
22 11 19 00-0444	EA		102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	11,598.50 1,644.42 843.88 1,510.11	254.28
22 11 19 00-0445	EA		90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	11,598.50 1,644.42 843.88 1,510.11	254.28
22 11 19 00-0446	EA		102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	12,810.23 1,826.18 843.88 1,510.11	254.28
22 11 19 00-0447	EA		62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	9,625.05 1,360.32 843.88 1,510.11	222.50
22 11 19 00-0448	EA		62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	11,268.28 1,594.89 843.88 1,510.11	254.28
22 11 19 00-0449	EA		105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	13,159.55 1,878.58 843.88 1,510.11	254.28
22 11 19 00-0450	EA		125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	14,443.76 2,065.25 843.88 1,510.11	270.18
22 11 19 00-0451	EA		105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	14,757.61 2,112.32 843.88 1,510.11	270.18
22 11 19 00-0452	EA		125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	16,358.38 2,346.48 843.88 1,510.11	286.08
22 11 19 00-0453	EA		105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	16,983.35 2,440.23 843.88 1,510.11	286.08
22 11 19 00-0454	EA		72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	12,340.82 1,755.77 843.88 1,510.11	254.28
22 11 19 00-0455	EA		72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	13,151.36 1,877.35 843.88 1,510.11	254.28
22 11 19 00-0456	EA		72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	14,877.69 2,130.34 843.88 1,510.11	270.18
22 11 19 00-0457	EA		72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	18,023.13 2,596.19 843.88 1,510.11	286.08
22 11 19 00-0458	EA		118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	15,733.42 2,252.74 843.88 1,510.11	286.08



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Water Distribution</b>	<b>22 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0459	EA		142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	18,897.97 2,721.46 843.88 1,510.11	301.96
22 11 19 00-0460	EA		118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	18,273.00 2,627.71 843.88 1,510.11	301.96
22 11 19 00-0461	EA		142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	21,159.18 3,054.68 843.88 1,510.11	317.86
22 11 19 00-0462	EA		142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	19,562.66 2,815.20 843.88 1,510.11	317.86
22 11 19 00-0463	EA		172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	22,820.01 3,297.84 843.88 1,510.11	333.75
22 11 19 00-0464	EA		142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	22,859.74 3,297.84 843.88 1,510.11	349.65
22 11 19 00-0465	EA		172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure ..... <i>For Heated Enclosure, Add</i> <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i>	27,088.64 3,926.22 843.88 1,510.11	365.53
22 11 19 00-0466			<b>Faucets (Hose Bibbs) (22 11 19)</b>		
22 11 19 00-0467			<b>Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends (22 11 19 00-0466)</b>		
22 11 19 00-0468	EA		1/2", 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends.....	63.15	11.51
22 11 19 00-0469	EA		3/4", 125 Lb., Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends.....	72.83	12.66
22 11 19 00-0470	EA		3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL).....	19.15	8.63
22 11 19 00-0471			<b>Antisiphon Freezeless Wall Faucet (Woodford 19CP) (22 11 19 00-0466)</b>		
22 11 19 00-0472	EA		4" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	136.94	28.77
22 11 19 00-0473	EA		6" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	148.44	31.87
22 11 19 00-0474	EA		8" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	157.06	33.71
22 11 19 00-0475	EA		10" Long, 1/2" Antisiphon Freezeless Wall Faucet .....	165.68	36.13
22 11 19 00-0476	EA		12" Long, 1/2" Antisiphon Freezeless Wall Faucet.....	174.42	38.31
22 11 19 00-0477			<b>Keyed, Recessed Valve Boxes (22 11 19)</b>		
22 11 19 00-0478	EA		8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box.....	315.32	34.33
22 11 19 00-0479	EA		8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box.....	350.56	34.33
22 11 19 00-0480	EA		8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box.....	403.42	34.33
22 11 19 00-0481	EA		12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box.....	391.07	45.78
22 11 19 00-0482	EA		12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box.....	443.93	45.78
22 11 19 00-0483	EA		12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box.....	459.79	45.78
22 11 19 00-0484	EA		8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	371.71	34.33
22 11 19 00-0485	EA		8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	449.23	34.33
22 11 19 00-0486	EA		8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	517.95	34.33
22 11 19 00-0487	EA		12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	489.74	45.78
22 11 19 00-0488	EA		12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	558.46	45.78
22 11 19 00-0489	EA		12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	584.89	45.78
22 11 23			<b>Domestic Water Pumps (22 11)</b>		
22 11 23 13			<b>Domestic Water Packaged Booster Pumps (22 11 23)</b>		
			Note: Includes motor starter and controls.		
22 11 23 13-0001			<b>Simplex Domestic Water Packaged Booster Pumps And Tank (22 11 23 13)</b>		
22 11 23 13-0002	EA		1 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	16,168.86	339.05
22 11 23 13-0003	EA		1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	16,694.14	455.60
22 11 23 13-0004	EA		2 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	17,336.39	572.14
22 11 23 13-0005	EA		3 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	17,920.14	688.69
22 11 23 13-0006	EA		5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	19,790.41	805.24
22 11 23 13-0007	EA		7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	21,953.09	921.79
22 11 23 13-0008	EA		10 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	23,414.01	1,038.34
22 11 23 13-0009			<b>Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator (22 11 23 13)</b>		
22 11 23 13-0010	EA		100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank .....	43,017.14	1,370.43
22 11 23 13-0011	EA		200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank .....	52,029.27	1,456.07
22 11 23 13-0012	EA		300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator Tank .....	61,078.71	1,541.73



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 11 23 13-0013		Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator <sup>(22 11 23 13)</sup>			
22 11 23 13-0014	EA	200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	57,014.52	1,456.07	
22 11 23 13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	71,288.24	1,541.73	
22 11 23 13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	88,833.00	1,713.04	
22 11 23 13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	112,859.32	1,884.33	
22 11 23 13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	136,885.65	2,055.64	
22 11 23 13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	159,560.36	2,312.59	
22 11 23 13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	182,235.05	2,569.55	
22 11 23 13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	204,909.77	2,826.50	
22 11 23 13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator	227,798.60	3,169.11	

## 22 11 23 23 Domestic-Water In-Line Pumps<sup>(22 11 23)</sup>

22 11 23 23-0001		Bronze In-Line Centrifugal Domestic Water Booster Pumps <sup>(22 11 23 23)</sup>			
Note: ODP motor.					
22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B)	1,120.72	190.71	
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B)	1,151.80	190.71	
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B)	1,206.64	194.42	
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B)	1,332.60	202.37	
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B)	2,425.43	210.16	
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB)	2,590.56	210.16	
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB)	3,891.23	231.39	
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB)	4,054.75	254.20	
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB)	4,915.68	279.68	
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S)	5,019.04	307.80	
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S)	5,488.47	338.05	
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S)	7,891.78	372.02	
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S)	9,099.97	390.06	

## 22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps<sup>(22 11 23 23)</sup>

22 11 23 23-0016		1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30) <th></th> <th></th>			
Note: ODP motor.					
22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30)	1,169.14	190.71	
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36)	1,986.45	190.71	
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	1,994.11	194.42	
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45)	2,028.41	198.66	
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50)	2,035.81	202.37	
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75)	2,073.82	210.16	
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2)	2,540.97	231.39	
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30)	3,282.80	279.68	
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S)	3,455.49	307.80	
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S)	4,038.50	338.05	
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S)	5,470.33	372.02	
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S)	6,406.18	390.06	
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	5,737.00	409.70	
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,164.73	450.35	
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF)	6,772.75	477.62	
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	8,603.57	530.69	
22 11 23 23-0032	EA	10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	9,108.12	636.94	
22 11 23 23-0033	EA	15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	11,634.89	743.29	

## 22 12 Facility Potable-Water Storage Tanks<sup>(22 10)</sup>

### 22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks<sup>(22 12)</sup>

22 12 19 00-0001		Steel, Horizontal, Ground-Mounted Water Tanks <sup>(22 12 19)</sup>			
22 12 19 00-0002	EA	5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	45,753.99	10,960.70	
22 12 19 00-0003	EA	10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	51,824.56	10,960.70	
22 12 19 00-0004	EA	20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	93,185.97	16,914.69	
22 12 19 00-0005	EA	35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	120,286.97	21,921.40	

### 22 12 19 00-0006 Galvanized Steel, Flat Bottom, Vertical Storage Tanks<sup>(22 12 19)</sup>

22 12 19 00-0007	EA	5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	54,747.42	10,960.70	
22 12 19 00-0008	EA	10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	75,881.99	10,960.70	
22 12 19 00-0009	EA	20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	113,169.55	16,914.69	
22 12 19 00-0010	EA	35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	162,578.59	21,921.40	

### 22 12 23 Facility Indoor Potable-Water Storage Tanks<sup>(22 12)</sup>

#### 22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks<sup>(22 12 23)</sup>

22 12 23 13-0001		Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) <sup>(22 12 23 13)</sup>			
22 12 23 13-0002	EA	80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,673.41	423.81	
22 12 23 13-0003	EA	119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,310.89	529.76	
22 12 23 13-0004	EA	140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	6,201.93	582.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 13-0005 EA 200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A).....	6,860.65	635.71
22 12 23 13-0006 EA 250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A).....	13,760.30	688.69
22 12 23 13-0007 EA 350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A).....	11,822.65	741.67
22 12 23 13-0008 EA 400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A).....	20,404.93	794.64
22 12 23 13-0009 EA 500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A).....	18,777.25	847.62
22 12 23 13-0010 EA 750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A).....	20,403.32	900.60
22 12 23 13-0011 EA 1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A).....	24,337.83	953.57
<b>22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) (22 12 23 13)</b>		
22 12 23 13-0013 EA 80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S).....	2,273.73	423.81
22 12 23 13-0014 EA 120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S).....	4,436.62	529.76
22 12 23 13-0015 EA 140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A).....	5,566.27	582.74
22 12 23 13-0016 EA 200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S).....	6,899.99	635.71
22 12 23 13-0017 EA 200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A).....	5,837.98	635.71
22 12 23 13-0018 EA 250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A).....	9,096.57	688.69
22 12 23 13-0019 EA 325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A).....	9,845.80	741.67
22 12 23 13-0020 EA 350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S).....	9,363.34	741.67
22 12 23 13-0021 EA 350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A).....	8,528.78	741.67
22 12 23 13-0022 EA 400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A).....	11,720.75	794.64
22 12 23 13-0023 EA 500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A).....	12,718.14	847.62
22 12 23 13-0024 EA 750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A).....	14,784.95	900.60
22 12 23 13-0025 EA 1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A).....	27,911.34	953.57
<b>22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks (22 12 23)</b>		
<b>22 12 23 26-0001 Horizontal Non-Pressurized Polyethylene Tanks (22 12 23 26)</b>		
Note: Excludes excavation and backfill.		
22 12 23 26-0002 EA 100 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	730.40	238.40
For Saddle Assembly, Add	<del>818.94</del>	
22 12 23 26-0003 EA 150 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	855.74	278.13
For Saddle Assembly, Add	<del>818.94</del>	
22 12 23 26-0004 EA 200 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,017.29	317.86
For Saddle Assembly, Add	<del>941.99</del>	
22 12 23 26-0005 EA 300 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,243.98	357.59
For Saddle Assembly, Add	<del>1,422.10</del>	
22 12 23 26-0006 EA 335 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,497.20	397.33
For Two Tie Down Bands, Add	<del>467.11</del>	
22 12 23 26-0007 EA 535 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	1,938.00	547.14
For Two Tie Down Bands, Add	<del>500.89</del>	
22 12 23 26-0008 EA 1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	2,921.55	638.32
For Three Tie Down Bands, Add	<del>859.91</del>	
22 12 23 26-0009 EA 1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	4,241.78	729.51
For Three Tie Down Bands, Add	<del>867.15</del>	
22 12 23 26-0010 EA 1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	5,306.70	820.70
For Four Tie Down Bands, Add	<del>1,175.49</del>	
22 12 23 26-0011 EA 2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	6,223.14	911.89
For Four Tie Down Bands, Add	<del>1,667.67</del>	
22 12 23 26-0012 EA 2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	8,937.20	1,003.08
For Four Tie Down Bands, Add	<del>2,208.10</del>	
22 12 23 26-0013 EA 3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	10,361.61	1,094.27
For Four Tie Down Bands, Add	<del>2,391.46</del>	
22 12 23 26-0014 EA 4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	14,898.97	1,459.03
For Four Tie Down Bands, Add	<del>2,709.93</del>	
22 12 23 26-0015 EA 5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank.....	19,333.16	1,459.03
For Five Tie Down Bands, Add	<del>4,268.02</del>	
<b>22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)</b>		
22 12 23 26-0017 EA 100 Gallon Vertical Non-Pressurized Polyethylene Tank.....	788.09	317.86
22 12 23 26-0018 EA 160 Gallon Vertical Non-Pressurized Polyethylene Tank.....	956.93	337.73
22 12 23 26-0019 EA 210 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,053.38	357.59
22 12 23 26-0020 EA 300 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,282.48	397.33
22 12 23 26-0021 EA 405 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,458.39	476.79
22 12 23 26-0022 EA 500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	1,723.59	556.25
22 12 23 26-0023 EA 800 Gallon Vertical Non-Pressurized Polyethylene Tank.....	2,429.89	729.51
22 12 23 26-0024 EA 1,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	3,150.77	911.89
22 12 23 26-0025 EA 2,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	4,252.83	1,094.27
22 12 23 26-0026 EA 3,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	5,581.67	1,276.65
22 12 23 26-0027 EA 4,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	8,268.84	1,459.03
22 12 23 26-0028 EA 5,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	11,240.69	1,641.40
22 12 23 26-0029 EA 6,250 Gallon Vertical Non-Pressurized Polyethylene Tank.....	12,748.08	1,823.78
22 12 23 26-0030 EA 7,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	14,047.99	2,006.15
22 12 23 26-0031 EA 8,000 Gallon Vertical Non-Pressurized Polyethylene Tank.....	16,201.97	2,188.53
22 12 23 26-0032 EA 9,150 Gallon Vertical Non-Pressurized Polyethylene Tank.....	18,314.92	2,370.91

**22 Plumbing****22 10 Plumbing Piping****22 12 Facility Potable-Water Storage Tanks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

22 12 23 26-0033	EA	10,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	22,719.88	2,553.29
22 12 23 26-0034	EA	12,500 Gallon Vertical Non-Pressurized Polyethylene Tank.....	27,355.95	2,918.05

**22 13 Facility Sanitary Sewerage** (22 10)**22 13 13 Facility Sanitary Sewers** (22 13)**22 13 13 00-0001****Fixture Rough-In** (22 13 13)

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible. See CSI section 22 07 19 00-0000 for insulation, 22 11 16 00-0383 for copper pipe and fittings, 22 13 16 00-0000 for PVC or cast iron sanitary waste and vent pipe and fittings, 23 05 29 00-0000 for hangers.

**22 13 13 00-0002****Single Fixture Rough-In, Cast Iron Waste And Vent Pipe** (22 13 13 00-0001)

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003	EA	Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,186.63	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0004	EA	Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,644.05	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0005	EA	Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,067.60	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0006	EA	Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	705.31	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0007	EA	Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	832.49	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0008	EA	Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,043.88	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0009	EA	Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,125.71	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0010	EA	Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	677.66	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0011	EA	Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,067.60	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0012	EA	Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,088.41	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0013	EA	Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,035.41	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0014	EA	Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,186.63	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0015	EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,866.37	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0016	EA	Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,152.23	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		

**22 13 13 00-0017****Double Fixture Rough-In, Cast Iron Waste And Vent Pipe** (22 13 13 00-0001)

Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0018	EA	Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,569.59	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0019	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	2,203.15	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0020	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,353.02	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0021	EA	Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	858.43	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0022	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,127.40	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0023	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,198.83	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0024	EA	Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	805.91	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0025	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,363.60	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0026	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,155.12	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0027	EA	Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,128.66	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.		
22 13 13 00-0028	EA	Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,569.59	
		Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.		





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 13 13 00-0029</b>	<b>Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small></b>	
<small>Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</small>		
22 13 13 00-0030 EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	784.31
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.</small>		
22 13 13 00-0031 EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	1,101.57
<small>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.</small>		
22 13 13 00-0032 EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	677.03
<small>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture.</small>		
22 13 13 00-0033 EA	Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	429.75
<small>Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.</small>		
22 13 13 00-0034 EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	563.72
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</small>		
22 13 13 00-0035 EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	599.40
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0036 EA	Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	429.44
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.</small>		
22 13 13 00-0037 EA	Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet .....	681.28
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0038 EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe .....	577.55
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</small>		
22 13 13 00-0039 EA	Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	564.83
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.</small>		
22 13 13 00-0040 EA	Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	776.87
<small>Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
<b>22 13 13 00-0041</b>	<b>Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small></b>	
<small>Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</small>		
22 13 13 00-0042 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet .....	686.69
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.</small>		
22 13 13 00-0043 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet.....	820.04
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.</small>		
22 13 13 00-0044 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet .....	640.95
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.</small>		
22 13 13 00-0045 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal .....	397.89
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.</small>		
22 13 13 00-0046 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory.....	467.44
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</small>		
22 13 13 00-0047 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink.....	618.84
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0048 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub.....	639.77
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0049 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler.....	389.92
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.</small>		
22 13 13 00-0050 EA	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink .....	640.95
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0051 EA	Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....	672.42
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.</small>		
22 13 13 00-0052 EA	Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	625.95
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.</small>		
22 13 13 00-0053 EA	Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	686.56
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.</small>		
22 13 13 00-0054 EA	Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	1,066.64
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.</small>		
22 13 13 00-0055 EA	Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe.....	662.94
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.</small>		
<b>22 13 13 00-0056</b>	<b>Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 13 00-0001)</small></b>	
<small>Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.</small>		
22 13 13 00-0057 EA	Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe .....	859.31
<small>Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.</small>		





MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0058	EA	Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,078.43	
22 13 13 00-0059	EA	Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	744.93	
22 13 13 00-0060	EA	Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	456.55	
22 13 13 00-0061	EA	Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	645.52	
22 13 13 00-0062	EA	Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	678.19	
22 13 13 00-0063	EA	Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	439.05	
22 13 13 00-0064	EA	Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	754.35	
22 13 13 00-0065	EA	Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	697.98	
22 13 13 00-0066	EA	Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	674.33	
22 13 13 00-0067	EA	Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	859.31	
<b>22 13 13 00-0068</b>		<b>Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe</b> <sup>(22 13 13 00-0001)</sup> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA	Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	429.22	
22 13 13 00-0070	EA	Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	538.70	
22 13 13 00-0071	EA	Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	372.77	
22 13 13 00-0072	EA	Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	228.33	
22 13 13 00-0073	EA	Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	322.73	
22 13 13 00-0074	EA	Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	338.84	
22 13 13 00-0075	EA	Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	219.51	
22 13 13 00-0076	EA	Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	377.08	
22 13 13 00-0077	EA	Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	349.02	
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	337.62	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	422.20	
<b>22 13 16</b>		<b>Sanitary Waste and Vent Piping</b> <sup>(22 13)</sup>		
22 13 16 00-0001		Cast Iron Soil Pipe Assemblies <sup>(22 13 16)</sup>		
22 13 16 00-0002		Underground Bell And Spigot Cast Iron Soil Pipe Assemblies <sup>(22 13 16 00-0001)</sup> Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	38.51	6.68
		<i>For Work In Restricted Working Space, Add</i>	4.90	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	55.37	10.06
		<i>For Work In Restricted Working Space, Add</i>	6.64	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly ..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	71.92	12.82
		<i>For Work In Restricted Working Space, Add</i>	8.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0006 LF 5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	87.01  9.31	16.54
22 13 16 00-0007 LF 6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	102.63  10.34	18.02
22 13 16 00-0008 LF 8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	163.91  14.42	25.46
22 13 16 00-0009 LF 10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly..... Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	244.45  16.32	25.46
<b>22 13 16 00-0010 Aboveground No Hub Cast Iron Soil Pipe Assemblies</b> (22 13 16 00-0001) Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011 LF 1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	34.08  5.58	6.36
22 13 16 00-0012 LF 2" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	36.05  6.00	6.78
22 13 16 00-0013 LF 3" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	46.39  7.36	9.85
22 13 16 00-0014 LF 4" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	55.54  8.80	12.82
22 13 16 00-0015 LF 5" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	74.99  11.01	16.22
22 13 16 00-0016 LF 6" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	85.50  12.00	17.70
22 13 16 00-0017 LF 8" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	134.88  16.43	25.25
22 13 16 00-0018 LF 10" Aboveground No Hub Cast Iron Soil Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	193.70  19.10	28.69
<b>22 13 16 00-0019 Bell And Spigot Cast Iron Soil Pipe And Fittings</b> (22 13 16) Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
<b>22 13 16 00-0020 Bell And Spigot Cast Iron Pipe</b> (22 13 16 00-0019) Note: Excludes excavation, hangers, gaskets, and fittings.		
22 13 16 00-0021 LF 2" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.86  7.46 0.50 3.03	6.68
22 13 16 00-0022 LF 3" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.60  10.70 0.76 4.54	10.06
22 13 16 00-0023 LF 4" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.37  13.91 0.96 5.78	12.82
22 13 16 00-0024 LF 5" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	71.47  19.63 1.24 7.42	16.54
22 13 16 00-0025 LF 6" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.89  23.90 1.35 8.09	18.02
22 13 16 00-0026 LF 8" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.71  37.17 1.91 11.46	25.46

**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 13 Facility Sanitary Sewerage**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0027	LF		10" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	190.34 61.89 2.15 12.89	28.69
22 13 16 00-0028	LF		12" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	271.37 89.91 2.87 17.19	38.25
22 13 16 00-0029	LF		15" Bell And Spigot Cast Iron Pipe ..... <i>For Extra Heavy Pipe, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	381.64 131.40 3.44 20.63	45.88
<b>22 13 16 00-0030 Bell And Spigot Cast Iron Fittings (22 13 16 00-0019)</b>					
<b>22 13 16 00-0031 Bell And Spigot Cast Iron Long Sweeps (22 13 16 00-0030)</b>					
22 13 16 00-0032	EA		2" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.18 22.96 2.28 13.67	30.40
22 13 16 00-0033	EA		3" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	190.39 46.59 2.86 17.18	38.25
22 13 16 00-0034	EA		4" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.66 62.10 3.81 22.87	50.85
22 13 16 00-0035	EA		6" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	403.62 104.56 5.24 31.46	69.96
22 13 16 00-0036	EA		8" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	800.63 233.21 6.72 40.29	89.62
22 13 16 00-0037	EA		10" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,095.97 325.73 8.27 49.59	110.24
22 13 16 00-0038	EA		12" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,681.69 507.84 11.54 69.21	153.88
22 13 16 00-0039	EA		15" Bell And Spigot Cast Iron Long Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,127.58 982.22 16.06 96.37	214.27
<b>22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)</b>					
22 13 16 00-0041	EA		2" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.86 16.90 2.28 13.67	30.40
22 13 16 00-0042	EA		3" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	161.32 36.42 2.86 17.18	38.25
22 13 16 00-0043	EA		4" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.97 50.66 3.81 22.87	50.85
22 13 16 00-0044	EA		5" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	339.41 87.60 4.46 26.74	59.47
22 13 16 00-0045	EA		6" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	409.85 106.74 5.24 31.46	69.96
22 13 16 00-0046	EA		8" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	675.34 189.36 6.72 40.29	89.62
22 13 16 00-0047	EA		10" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	989.07 288.32 8.27 49.59	110.24
22 13 16 00-0048	EA		12" Bell And Spigot Cast Iron Short Sweep ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,641.83 493.89 11.54 69.21	153.88



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0049			<b>Bell And Spigot Cast Iron 1/4 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0050	EA		2" Bell And Spigot Cast Iron 1/4 Bend ..... 84.04	84.04	30.30
			For Extra Heavy Fittings, Add	13.50	
			For Above Ground Cast Iron Pipe Installation, Add	2.27	
			For Work In Restricted Working Space, Add	13.64	
22 13 16 00-0051	EA		3" Bell And Spigot Cast Iron 1/4 Bend ..... 128.25	128.25	34.12
			For Extra Heavy Fittings, Add	26.97	
			For Above Ground Cast Iron Pipe Installation, Add	2.56	
			For Work In Restricted Working Space, Add	15.36	
22 13 16 00-0052	EA		4" Bell And Spigot Cast Iron 1/4 Bend ..... 183.81	183.81	45.45
			For Extra Heavy Fittings, Add	40.49	
			For Above Ground Cast Iron Pipe Installation, Add	3.41	
			For Work In Restricted Working Space, Add	20.44	
22 13 16 00-0053	EA		5" Bell And Spigot Cast Iron 1/4 Bend ..... 234.94	234.94	53.11
			For Extra Heavy Fittings, Add	54.38	
			For Above Ground Cast Iron Pipe Installation, Add	3.98	
			For Work In Restricted Working Space, Add	23.87	
22 13 16 00-0054	EA		6" Bell And Spigot Cast Iron 1/4 Bend ..... 282.59	282.59	63.60
			For Extra Heavy Fittings, Add	65.51	
			For Above Ground Cast Iron Pipe Installation, Add	4.77	
			For Work In Restricted Working Space, Add	28.63	
22 13 16 00-0055	EA		8" Bell And Spigot Cast Iron 1/4 Bend ..... 588.13	588.13	82.52
			For Extra Heavy Fittings, Add	162.55	
			For Above Ground Cast Iron Pipe Installation, Add	6.18	
			For Work In Restricted Working Space, Add	37.11	
22 13 16 00-0056	EA		10" Bell And Spigot Cast Iron 1/4 Bend ..... 868.71	868.71	100.14
			For Extra Heavy Fittings, Add	251.50	
			For Above Ground Cast Iron Pipe Installation, Add	7.51	
			For Work In Restricted Working Space, Add	45.04	
22 13 16 00-0057	EA		12" Bell And Spigot Cast Iron 1/4 Bend ..... 1,146.17	1,146.17	118.20
			For Extra Heavy Fittings, Add	339.12	
			For Above Ground Cast Iron Pipe Installation, Add	8.86	
			For Work In Restricted Working Space, Add	53.18	
22 13 16 00-0058	EA		15" Bell And Spigot Cast Iron 1/4 Bend ..... 2,936.20	2,936.20	186.44
			For Extra Heavy Fittings, Add	929.86	
			For Above Ground Cast Iron Pipe Installation, Add	13.97	
			For Work In Restricted Working Space, Add	83.84	
22 13 16 00-0059			<b>Bell And Spigot Cast Iron 1/8 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0060	EA		2" Bell And Spigot Cast Iron 1/8 Bend ..... 76.36	76.36	30.40
			For Extra Heavy Fittings, Add	10.78	
			For Above Ground Cast Iron Pipe Installation, Add	2.28	
			For Work In Restricted Working Space, Add	13.67	
22 13 16 00-0061	EA		3" Bell And Spigot Cast Iron 1/8 Bend ..... 120.81	120.81	38.25
			For Extra Heavy Fittings, Add	22.24	
			For Above Ground Cast Iron Pipe Installation, Add	2.86	
			For Work In Restricted Working Space, Add	17.18	
22 13 16 00-0062	EA		4" Bell And Spigot Cast Iron 1/8 Bend ..... 172.62	172.62	50.85
			For Extra Heavy Fittings, Add	33.74	
			For Above Ground Cast Iron Pipe Installation, Add	3.81	
			For Work In Restricted Working Space, Add	22.87	
22 13 16 00-0063	EA		5" Bell And Spigot Cast Iron 1/8 Bend ..... 221.15	221.15	66.47
			For Extra Heavy Fittings, Add	42.54	
			For Above Ground Cast Iron Pipe Installation, Add	4.98	
			For Work In Restricted Working Space, Add	29.88	
22 13 16 00-0064	EA		6" Bell And Spigot Cast Iron 1/8 Bend ..... 255.90	255.90	74.10
			For Extra Heavy Fittings, Add	50.66	
			For Above Ground Cast Iron Pipe Installation, Add	5.56	
			For Work In Restricted Working Space, Add	33.35	
22 13 16 00-0065	EA		8" Bell And Spigot Cast Iron 1/8 Bend ..... 510.39	510.39	98.85
			For Extra Heavy Fittings, Add	126.76	
			For Above Ground Cast Iron Pipe Installation, Add	7.41	
			For Work In Restricted Working Space, Add	44.47	
22 13 16 00-0066	EA		10" Bell And Spigot Cast Iron 1/8 Bend ..... 714.85	714.85	121.96
			For Extra Heavy Fittings, Add	186.18	
			For Above Ground Cast Iron Pipe Installation, Add	9.15	
			For Work In Restricted Working Space, Add	54.87	
22 13 16 00-0067	EA		12" Bell And Spigot Cast Iron 1/8 Bend ..... 1,157.54	1,157.54	158.17
			For Extra Heavy Fittings, Add	322.16	
			For Above Ground Cast Iron Pipe Installation, Add	11.85	
			For Work In Restricted Working Space, Add	71.12	
22 13 16 00-0068	EA		15" Bell And Spigot Cast Iron 1/8 Bend ..... 2,225.57	2,225.57	186.44
			For Extra Heavy Fittings, Add	681.14	
			For Above Ground Cast Iron Pipe Installation, Add	13.97	
			For Work In Restricted Working Space, Add	83.84	
22 13 16 00-0069			<b>Bell And Spigot Cast Iron Wyes</b> (22 13 16 00-0030)		
22 13 16 00-0070	EA		2" Bell And Spigot Cast Iron Wye ..... 131.50	131.50	67.92
			For Extra Heavy Fittings, Add	10.37	
			For Above Ground Cast Iron Pipe Installation, Add	5.09	
			For Work In Restricted Working Space, Add	30.56	

**22 Plumbing**  
**22 10 Plumbing Piping**  
**22 13 Facility Sanitary Sewerage**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0071	EA 3" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.01 19.42 5.58 33.46	74.38
22 13 16 00-0072	EA 4" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	219.94 25.84 7.31 43.83	97.48
22 13 16 00-0073	EA 5" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	294.56 43.06 8.58 51.46	114.38
22 13 16 00-0074	EA 6" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	369.99 58.34 10.17 60.99	135.58
22 13 16 00-0075	EA 8" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	679.42 143.06 13.53 81.20	180.52
22 13 16 00-0076	EA 10" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	955.79 227.07 15.35 92.10	204.81
22 13 16 00-0077	EA 12" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,417.49 365.31 18.69 112.13	249.30
22 13 16 00-0078	EA 15" Bell And Spigot Cast Iron Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,206.56 625.53 20.97 125.80	279.71
<b>22 13 16 00-0079</b>	<b>Bell And Spigot Cast Iron Reducing Wyes (22 13 16 00-0030)</b>		
22 13 16 00-0080	EA 3" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.99 37.29 5.32 31.94	70.99
22 13 16 00-0081	EA 4" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	259.06 44.61 6.58 39.48	87.73
22 13 16 00-0082	EA 4" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	290.11 54.31 6.75 40.48	89.95
22 13 16 00-0083	EA 6" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	440.68 90.52 9.10 54.62	121.48
22 13 16 00-0084	EA 6" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	452.14 93.32 9.28 55.65	123.71
22 13 16 00-0085	EA 6" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	473.13 96.34 9.89 59.36	131.98
22 13 16 00-0086	EA 8" x 2" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	697.33 167.89 10.88 65.29	145.17
22 13 16 00-0087	EA 8" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	729.19 177.59 11.09 66.54	147.96
22 13 16 00-0088	EA 8" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	746.50 179.96 11.62 69.70	154.95
22 13 16 00-0089	EA 8" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	882.86 218.54 12.92 77.54	172.36
22 13 16 00-0090	EA 10" x 3" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,092.53 297.63 12.11 72.65	161.50
22 13 16 00-0091	EA 10" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,136.47 309.27 12.64 75.85	168.60





	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0092	EA		10" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,243.16 337.29 13.97 83.84	186.44
22 13 16 00-0093	EA		10" x 8" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,647.44 472.85 14.82 88.93	197.72
22 13 16 00-0094	EA		12" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,696.09 489.88 14.82 88.93	197.72
22 13 16 00-0095	EA		12" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,764.62 505.18 16.06 96.37	214.27
22 13 16 00-0096	EA		12" x 8" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,074.22 607.99 16.86 101.13	224.90
22 13 16 00-0097	EA		12" x 10" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,524.57 762.08 17.36 104.16	231.57
22 13 16 00-0098	EA		15" x 4" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,187.04 1,350.89 16.37 98.21	218.35
22 13 16 00-0099	EA		15" x 6" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,369.20 1,405.20 17.72 106.31	236.29
22 13 16 00-0100	EA		15" x 8" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,458.33 1,431.06 18.48 110.87	246.50
22 13 16 00-0101	EA		15" x 10" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,561.94 1,462.96 19.10 114.62	254.88
22 13 16 00-0102	EA		15" x 12" Bell And Spigot Cast Iron Reducing Wye ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,676.60 1,495.29 20.22 121.31	269.71
<b>22 13 16 00-0103</b>			<b>Bell And Spigot Cast Iron Combination Wye And 1/8 Bends</b> (22 13 16 00-0030)		
22 13 16 00-0104	EA		2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.18 14.81 5.09 30.56	67.92
22 13 16 00-0105	EA		3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	174.83 22.16 5.58 33.46	74.38
22 13 16 00-0106	EA		4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	233.55 30.60 7.31 43.83	97.48
22 13 16 00-0107	EA		5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	338.29 55.45 8.99 53.96	120.00
22 13 16 00-0108	EA		6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	423.72 70.22 11.16 66.93	148.83
22 13 16 00-0109	EA		8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	779.77 170.93 14.57 87.42	194.39
22 13 16 00-0110	EA		10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,127.15 260.78 19.10 114.62	254.88
22 13 16 00-0111	EA		12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend ..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,512.27 357.37 24.56 147.37	327.63
<b>22 13 16 00-0112</b>			<b>Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends</b> (22 13 16 00-0030)		





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0113	EA		3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	153.94	70.99
			<i>For Extra Heavy Fittings, Add</i>	16.62	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.32	
			<i>For Work In Restricted Working Space, Add</i>	31.94	
22 13 16 00-0114	EA		4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	218.79	87.73
			<i>For Extra Heavy Fittings, Add</i>	30.52	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.58	
			<i>For Work In Restricted Working Space, Add</i>	39.48	
22 13 16 00-0115	EA		4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	236.97	89.95
			<i>For Extra Heavy Fittings, Add</i>	35.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.75	
			<i>For Work In Restricted Working Space, Add</i>	40.48	
22 13 16 00-0116	EA		6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	364.47	121.48
			<i>For Extra Heavy Fittings, Add</i>	63.85	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.10	
			<i>For Work In Restricted Working Space, Add</i>	54.62	
22 13 16 00-0117	EA		6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	379.79	123.71
			<i>For Extra Heavy Fittings, Add</i>	68.00	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.28	
			<i>For Work In Restricted Working Space, Add</i>	55.65	
22 13 16 00-0118	EA		6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	402.54	131.98
			<i>For Extra Heavy Fittings, Add</i>	71.63	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.89	
			<i>For Work In Restricted Working Space, Add</i>	59.36	
22 13 16 00-0119	EA		8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	555.78	145.17
			<i>For Extra Heavy Fittings, Add</i>	118.35	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.88	
			<i>For Work In Restricted Working Space, Add</i>	65.29	
22 13 16 00-0120	EA		8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	570.47	154.95
			<i>For Extra Heavy Fittings, Add</i>	118.35	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.62	
			<i>For Work In Restricted Working Space, Add</i>	69.70	
22 13 16 00-0121	EA		8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend.....	722.66	172.36
			<i>For Extra Heavy Fittings, Add</i>	162.47	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.92	
			<i>For Work In Restricted Working Space, Add</i>	77.54	
<b>22 13 16 00-0122</b>			<b>Bell And Spigot Cast Iron Double Wyes</b> (22 13 16 00-0030)		
22 13 16 00-0123	EA		2" Bell And Spigot Cast Iron Double Wye .....	238.79	81.27
			<i>For Extra Heavy Fittings, Add</i>	40.95	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.09	
			<i>For Work In Restricted Working Space, Add</i>	36.54	
22 13 16 00-0124	EA		3" Bell And Spigot Cast Iron Double Wye .....	349.98	102.45
			<i>For Extra Heavy Fittings, Add</i>	68.75	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.68	
			<i>For Work In Restricted Working Space, Add</i>	46.07	
22 13 16 00-0125	EA		4" Bell And Spigot Cast Iron Double Wye .....	476.36	129.58
			<i>For Extra Heavy Fittings, Add</i>	98.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.72	
			<i>For Work In Restricted Working Space, Add</i>	58.30	
22 13 16 00-0126	EA		6" Bell And Spigot Cast Iron Double Wye .....	937.94	208.30
			<i>For Extra Heavy Fittings, Add</i>	218.97	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.62	
			<i>For Work In Restricted Working Space, Add</i>	93.69	
22 13 16 00-0127	EA		8" Bell And Spigot Cast Iron Double Wye .....	1,888.62	244.03
			<i>For Extra Heavy Fittings, Add</i>	532.99	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	18.29	
			<i>For Work In Restricted Working Space, Add</i>	109.74	
22 13 16 00-0128	EA		10" Bell And Spigot Cast Iron Double Wye .....	2,507.31	273.04
			<i>For Extra Heavy Fittings, Add</i>	734.28	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	20.47	
			<i>For Work In Restricted Working Space, Add</i>	122.81	
22 13 16 00-0129	EA		12" Bell And Spigot Cast Iron Double Wye .....	1,726.28	327.63
			<i>For Extra Heavy Fittings, Add</i>	432.27	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	24.56	
			<i>For Work In Restricted Working Space, Add</i>	147.37	
22 13 16 00-0130	EA		15" Bell And Spigot Cast Iron Double Wye .....	4,919.13	343.86
			<i>For Extra Heavy Fittings, Add</i>	1,541.16	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	25.79	
			<i>For Work In Restricted Working Space, Add</i>	154.74	
<b>22 13 16 00-0131</b>			<b>Bell And Spigot Cast Iron Reducing Double Wyes</b> (22 13 16 00-0030)		
22 13 16 00-0132	EA		3" x 2" Bell And Spigot Cast Iron Reducing Double Wye .....	213.14	96.10
			<i>For Extra Heavy Fittings, Add</i>	24.16	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.21	
			<i>For Work In Restricted Working Space, Add</i>	43.23	
22 13 16 00-0133	EA		4" x 2" Bell And Spigot Cast Iron Reducing Double Wye .....	247.88	110.40
			<i>For Extra Heavy Fittings, Add</i>	28.82	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.28	
			<i>For Work In Restricted Working Space, Add</i>	49.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0134 EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Wye .....	269.07	115.80
<i>For Extra Heavy Fittings, Add</i>	33.38	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.68	
<i>For Work In Restricted Working Space, Add</i>	52.11	
22 13 16 00-0135 EA 6" x 2" Bell And Spigot Cast Iron Reducing Double Wye .....	358.96	144.49
<i>For Extra Heavy Fittings, Add</i>	49.83	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.83	
<i>For Work In Restricted Working Space, Add</i>	64.98	
22 13 16 00-0136 EA 6" x 3" Bell And Spigot Cast Iron Reducing Double Wye .....	380.77	150.00
<i>For Extra Heavy Fittings, Add</i>	54.57	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.24	
<i>For Work In Restricted Working Space, Add</i>	67.46	
22 13 16 00-0137 EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Wye .....	438.82	163.57
<i>For Extra Heavy Fittings, Add</i>	67.76	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.26	
<i>For Work In Restricted Working Space, Add</i>	73.57	
22 13 16 00-0138 EA 8" x 4" Bell And Spigot Cast Iron Reducing Double Wye .....	711.71	188.05
<i>For Extra Heavy Fittings, Add</i>	150.45	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.09	
<i>For Work In Restricted Working Space, Add</i>	84.55	
22 13 16 00-0139 EA 8" x 6" Bell And Spigot Cast Iron Reducing Double Wye .....	773.63	222.54
<i>For Extra Heavy Fittings, Add</i>	153.97	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	16.69	
<i>For Work In Restricted Working Space, Add</i>	100.12	
22 13 16 00-0140 EA 10" x 4" Bell And Spigot Cast Iron Reducing Double Wye .....	758.10	201.15
<i>For Extra Heavy Fittings, Add</i>	159.76	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.08	
<i>For Work In Restricted Working Space, Add</i>	90.49	
22 13 16 00-0141 EA 10" x 6" Bell And Spigot Cast Iron Reducing Double Wye .....	883.36	236.29
<i>For Extra Heavy Fittings, Add</i>	185.15	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	17.72	
<i>For Work In Restricted Working Space, Add</i>	106.31	
22 13 16 00-0142 EA 10" x 8" Bell And Spigot Cast Iron Reducing Double Wye .....	1,091.55	257.57
<i>For Extra Heavy Fittings, Add</i>	246.88	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	19.31	
<i>For Work In Restricted Working Space, Add</i>	115.85	
22 13 16 00-0143 EA 12" x 6" Bell And Spigot Cast Iron Reducing Double Wye .....	1,114.89	263.48
<i>For Extra Heavy Fittings, Add</i>	251.94	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	19.75	
<i>For Work In Restricted Working Space, Add</i>	118.52	
22 13 16 00-0144 EA 12" x 8" Bell And Spigot Cast Iron Reducing Double Wye .....	1,429.65	286.69
<i>For Extra Heavy Fittings, Add</i>	349.94	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	21.49	
<i>For Work In Restricted Working Space, Add</i>	128.95	
<b>22 13 16 00-0145 Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0030)</small>		
22 13 16 00-0146 EA 2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	196.85	81.27
<i>For Extra Heavy Fittings, Add</i>	26.27	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.09	
<i>For Work In Restricted Working Space, Add</i>	36.54	
22 13 16 00-0147 EA 3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	265.22	108.71
<i>For Extra Heavy Fittings, Add</i>	35.78	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.15	
<i>For Work In Restricted Working Space, Add</i>	48.90	
22 13 16 00-0148 EA 4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	347.59	135.94
<i>For Extra Heavy Fittings, Add</i>	50.34	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.19	
<i>For Work In Restricted Working Space, Add</i>	61.13	
22 13 16 00-0149 EA 6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend .....	794.97	232.79
<i>For Extra Heavy Fittings, Add</i>	156.08	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	17.45	
<i>For Work In Restricted Working Space, Add</i>	104.71	
<b>22 13 16 00-0150 Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0030)</small>		
22 13 16 00-0151 EA 3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	264.76	97.48
<i>For Extra Heavy Fittings, Add</i>	41.53	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.31	
<i>For Work In Restricted Working Space, Add</i>	43.83	
22 13 16 00-0152 EA 4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	315.04	110.40
<i>For Extra Heavy Fittings, Add</i>	52.32	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.28	
<i>For Work In Restricted Working Space, Add</i>	49.67	
22 13 16 00-0153 EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	353.86	122.91
<i>For Extra Heavy Fittings, Add</i>	59.38	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.21	
<i>For Work In Restricted Working Space, Add</i>	55.26	
22 13 16 00-0154 EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend .....	736.43	173.64
<i>For Extra Heavy Fittings, Add</i>	166.62	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.02	
<i>For Work In Restricted Working Space, Add</i>	78.11	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0155			<b>Bell And Spigot Cast Iron Sanitary Tees</b> (22 13 16 00-0030)		
22 13 16 00-0156	EA		2" Bell And Spigot Cast Iron Sanitary Tee .....160.47		68.02
			<i>For Extra Heavy Fittings, Add</i> .....20.48		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....5.10		
			<i>For Work In Restricted Working Space, Add</i> .....30.59		
22 13 16 00-0157	EA		3" Bell And Spigot Cast Iron Sanitary Tee .....182.96		74.38
			<i>For Extra Heavy Fittings, Add</i> .....25.00		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....5.58		
			<i>For Work In Restricted Working Space, Add</i> .....33.46		
22 13 16 00-0158	EA		4" Bell And Spigot Cast Iron Sanitary Tee .....299.24		91.12
			<i>For Extra Heavy Fittings, Add</i> .....56.90		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....6.83		
			<i>For Work In Restricted Working Space, Add</i> .....41.00		
22 13 16 00-0159	EA		5" Bell And Spigot Cast Iron Sanitary Tee .....448.10		105.80
			<i>For Extra Heavy Fittings, Add</i> .....101.29		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....7.93		
			<i>For Work In Restricted Working Space, Add</i> .....47.61		
22 13 16 00-0160	EA		6" Bell And Spigot Cast Iron Sanitary Tee .....537.57		126.89
			<i>For Extra Heavy Fittings, Add</i> .....121.56		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....9.51		
			<i>For Work In Restricted Working Space, Add</i> .....57.08		
22 13 16 00-0161	EA		8" Bell And Spigot Cast Iron Sanitary Tee .....1,161.73		164.95
			<i>For Extra Heavy Fittings, Add</i> .....320.05		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....12.37		
			<i>For Work In Restricted Working Space, Add</i> .....74.19		
22 13 16 00-0162	EA		10" Bell And Spigot Cast Iron Sanitary Tee .....1,749.93		201.15
			<i>For Extra Heavy Fittings, Add</i> .....506.91		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....15.08		
			<i>For Work In Restricted Working Space, Add</i> .....90.49		
22 13 16 00-0163	EA		12" Bell And Spigot Cast Iron Sanitary Tee .....2,616.71		236.29
			<i>For Extra Heavy Fittings, Add</i> .....791.83		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....17.72		
			<i>For Work In Restricted Working Space, Add</i> .....106.31		
22 13 16 00-0164			<b>Bell And Spigot Cast Iron Reducing Sanitary Tees</b> (22 13 16 00-0030)		
22 13 16 00-0165	EA		3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee .....218.53		70.99
			<i>For Extra Heavy Fittings, Add</i> .....39.22		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....5.32		
			<i>For Work In Restricted Working Space, Add</i> .....31.94		
22 13 16 00-0166	EA		4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee .....258.89		83.17
			<i>For Extra Heavy Fittings, Add</i> .....46.98		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....6.23		
			<i>For Work In Restricted Working Space, Add</i> .....37.40		
22 13 16 00-0167	EA		4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee .....271.82		83.17
			<i>For Extra Heavy Fittings, Add</i> .....51.51		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....6.23		
			<i>For Work In Restricted Working Space, Add</i> .....37.40		
22 13 16 00-0168	EA		6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee .....423.43		121.48
			<i>For Extra Heavy Fittings, Add</i> .....84.48		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....9.10		
			<i>For Work In Restricted Working Space, Add</i> .....54.62		
22 13 16 00-0169	EA		6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee .....441.06		123.71
			<i>For Extra Heavy Fittings, Add</i> .....89.44		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....9.28		
			<i>For Work In Restricted Working Space, Add</i> .....55.65		
22 13 16 00-0170	EA		6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee .....478.67		131.98
			<i>For Extra Heavy Fittings, Add</i> .....98.28		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....9.89		
			<i>For Work In Restricted Working Space, Add</i> .....59.36		
22 13 16 00-0171	EA		8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee .....819.78		154.95
			<i>For Extra Heavy Fittings, Add</i> .....205.61		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....11.62		
			<i>For Work In Restricted Working Space, Add</i> .....69.70		
22 13 16 00-0172	EA		8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee .....1,031.26		172.36
			<i>For Extra Heavy Fittings, Add</i> .....270.48		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....12.92		
			<i>For Work In Restricted Working Space, Add</i> .....77.54		
22 13 16 00-0173			<b>Bell And Spigot Cast Iron Vent Tees</b> (22 13 16 00-0030)		
22 13 16 00-0174	EA		2" Bell And Spigot Cast Iron Vent Tee .....136.06		67.92
			<i>For Extra Heavy Fittings, Add</i> .....11.96		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....5.09		
			<i>For Work In Restricted Working Space, Add</i> .....30.56		
22 13 16 00-0175	EA		3" Bell And Spigot Cast Iron Vent Tee .....171.01		74.38
			<i>For Extra Heavy Fittings, Add</i> .....20.82		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....5.58		
			<i>For Work In Restricted Working Space, Add</i> .....33.46		
22 13 16 00-0176	EA		4" Bell And Spigot Cast Iron Vent Tee .....226.71		97.48
			<i>For Extra Heavy Fittings, Add</i> .....28.21		
			<i>For Above Ground Cast Iron Pipe Installation, Add</i> .....7.31		
			<i>For Work In Restricted Working Space, Add</i> .....43.83		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0177	EA		5" Bell And Spigot Cast Iron Vent Tee.....	300.11	120.00
			<i>For Extra Heavy Fittings, Add</i>	42.09	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.99	
			<i>For Work In Restricted Working Space, Add</i>	53.96	
22 13 16 00-0178	EA		6" Bell And Spigot Cast Iron Vent Tee.....	378.03	148.83
			<i>For Extra Heavy Fittings, Add</i>	54.23	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.16	
			<i>For Work In Restricted Working Space, Add</i>	66.93	
22 13 16 00-0179	EA		8" Bell And Spigot Cast Iron Vent Tee.....	651.94	194.39
			<i>For Extra Heavy Fittings, Add</i>	126.19	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.57	
			<i>For Work In Restricted Working Space, Add</i>	87.42	
<b>22 13 16 00-0180</b>			<b>Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)</b>		
22 13 16 00-0181	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	140.06	67.92
			<i>For Extra Heavy Fittings, Add</i>	13.36	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.09	
			<i>For Work In Restricted Working Space, Add</i>	30.56	
22 13 16 00-0182	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	154.70	74.38
			<i>For Extra Heavy Fittings, Add</i>	15.11	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.58	
			<i>For Work In Restricted Working Space, Add</i>	33.46	
22 13 16 00-0183	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	199.31	97.48
			<i>For Extra Heavy Fittings, Add</i>	18.62	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.31	
			<i>For Work In Restricted Working Space, Add</i>	43.83	
<b>22 13 16 00-0184</b>			<b>Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)</b>		
22 13 16 00-0185	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	142.58	67.92
			<i>For Extra Heavy Fittings, Add</i>	14.25	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.09	
			<i>For Work In Restricted Working Space, Add</i>	30.56	
22 13 16 00-0186	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	159.50	74.38
			<i>For Extra Heavy Fittings, Add</i>	16.79	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.58	
			<i>For Work In Restricted Working Space, Add</i>	33.46	
22 13 16 00-0187	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	211.38	97.48
			<i>For Extra Heavy Fittings, Add</i>	22.84	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.31	
			<i>For Work In Restricted Working Space, Add</i>	43.83	
<b>22 13 16 00-0188</b>			<b>Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)</b>		
22 13 16 00-0189	EA		3" x 2" Bell And Spigot Cast Iron Reducer.....	78.88	38.25
			<i>For Extra Heavy Fittings, Add</i>	7.56	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.86	
			<i>For Work In Restricted Working Space, Add</i>	17.18	
22 13 16 00-0190	EA		4" x 2" Bell And Spigot Cast Iron Reducer.....	98.28	50.43
			<i>For Extra Heavy Fittings, Add</i>	7.91	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.78	
			<i>For Work In Restricted Working Space, Add</i>	22.70	
22 13 16 00-0191	EA		4" x 3" Bell And Spigot Cast Iron Reducer.....	105.59	50.85
			<i>For Extra Heavy Fittings, Add</i>	10.28	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.81	
			<i>For Work In Restricted Working Space, Add</i>	22.87	
22 13 16 00-0192	EA		6" x 2" Bell And Spigot Cast Iron Reducer.....	139.04	64.24
			<i>For Extra Heavy Fittings, Add</i>	14.93	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.82	
			<i>For Work In Restricted Working Space, Add</i>	28.91	
22 13 16 00-0193	EA		6" x 3" Bell And Spigot Cast Iron Reducer.....	145.60	65.09
			<i>For Extra Heavy Fittings, Add</i>	16.79	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.88	
			<i>For Work In Restricted Working Space, Add</i>	29.29	
22 13 16 00-0194	EA		6" x 4" Bell And Spigot Cast Iron Reducer.....	150.34	66.47
			<i>For Extra Heavy Fittings, Add</i>	17.76	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.98	
			<i>For Work In Restricted Working Space, Add</i>	29.88	
22 13 16 00-0195	EA		8" x 2" Bell And Spigot Cast Iron Reducer.....	196.35	68.48
			<i>For Extra Heavy Fittings, Add</i>	32.78	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.13	
			<i>For Work In Restricted Working Space, Add</i>	30.81	
22 13 16 00-0196	EA		8" x 3" Bell And Spigot Cast Iron Reducer.....	220.13	83.70
			<i>For Extra Heavy Fittings, Add</i>	33.12	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.27	
			<i>For Work In Restricted Working Space, Add</i>	37.65	
22 13 16 00-0197	EA		8" x 4" Bell And Spigot Cast Iron Reducer.....	225.93	85.86
			<i>For Extra Heavy Fittings, Add</i>	34.01	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.44	
			<i>For Work In Restricted Working Space, Add</i>	38.63	
22 13 16 00-0198	EA		8" x 6" Bell And Spigot Cast Iron Reducer.....	233.27	89.62
			<i>For Extra Heavy Fittings, Add</i>	34.64	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.72	
			<i>For Work In Restricted Working Space, Add</i>	40.29	

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0199	EA 10" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	292.45 49.57 7.54 45.25	100.58
22 13 16 00-0200	EA 10" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	308.37 52.48 7.92 47.53	105.63
22 13 16 00-0201	EA 10" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	328.80 57.22 8.27 49.59	110.24
22 13 16 00-0202	EA 12" x 4" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	410.31 80.93 8.95 53.73	119.49
22 13 16 00-0203	EA 12" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	456.96 86.55 10.48 62.90	139.80
22 13 16 00-0204	EA 12" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	493.41 89.12 11.94 71.64	159.25
22 13 16 00-0205	EA 12" x 10" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	539.66 92.63 13.75 82.50	183.42
22 13 16 00-0206	EA 15" x 6" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	710.91 152.57 13.75 82.50	183.42
22 13 16 00-0207	EA 15" x 8" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	756.17 160.91 14.82 88.93	197.72
22 13 16 00-0208	EA 15" x 10" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	787.12 166.08 15.63 93.78	208.46
22 13 16 00-0209	EA 15" x 12" Bell And Spigot Cast Iron Reducer <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	829.11 173.39 16.69 100.12	222.54
<b>22 13 16 00-0210</b>	<b>Bell And Spigot Cast Iron P-Traps (22 13 16 00-0030)</b>		
22 13 16 00-0211	EA 2" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.52 12.93 2.28 13.67	30.40
22 13 16 00-0212	EA 3" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	111.03 18.82 2.86 17.18	38.25
22 13 16 00-0213	EA 4" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.53 26.36 3.81 22.87	50.85
22 13 16 00-0214	EA 5" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	250.59 56.51 4.46 26.74	59.47
22 13 16 00-0215	EA 6" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	337.39 81.38 5.24 31.46	69.96
22 13 16 00-0216	EA 8" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	755.01 217.25 6.72 40.29	89.62
22 13 16 00-0217	EA 10" Bell And Spigot Cast Iron P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	835.89 234.70 8.27 49.59	110.24
<b>22 13 16 00-0218</b>	<b>Bell And Spigot Cast Iron Deep Seal P-Traps (22 13 16 00-0030)</b>		
22 13 16 00-0219	EA 2" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.56 17.85 2.28 13.67	30.40





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0220 EA 3" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	138.61 28.47 2.86 17.18	38.25
22 13 16 00-0221 EA 4" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	202.82 44.31 3.81 22.87	50.85
22 13 16 00-0222 EA 5" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	342.15 84.89 4.98 29.88	66.47
22 13 16 00-0223 EA 6" Bell And Spigot Cast Iron Deep Seal P-Trap..... <i>For Extra Heavy Fittings, Add</i> <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	362.76 88.06 5.56 33.35	74.10
<b>22 13 16 00-0224 Bell And Spigot Cast Iron Running Traps With Single Vent</b> (22 13 16 00-0030)		
22 13 16 00-0225 EA 3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	221.89 5.58 33.46	73.42
22 13 16 00-0226 EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	296.33 7.31 43.83	96.52
22 13 16 00-0227 EA 5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	413.70 8.73 52.35	115.45
22 13 16 00-0228 EA 6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	841.74 9.89 59.36	130.81
22 13 16 00-0229 EA 8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,788.48 11.62 69.70	153.23
22 13 16 00-0230 EA 8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,018.71 12.92 77.54	170.97
<b>22 13 16 00-0231 Bell And Spigot Cast Running Traps With Double Vent</b> (22 13 16 00-0030)		
22 13 16 00-0232 EA 3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	282.49 7.68 46.07	101.40
22 13 16 00-0233 EA 4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	387.75 9.72 58.30	127.99
22 13 16 00-0234 EA 6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	936.63 12.26 73.57	161.66
22 13 16 00-0235 EA 6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,085.53 14.83 88.96	195.69
22 13 16 00-0236 EA 8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,000.98 14.09 84.55	185.79
22 13 16 00-0237 EA 8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,291.22 16.69 100.12	220.61
22 13 16 00-0238 EA 10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,381.83 19.31 115.85	254.56
22 13 16 00-0239 EA 12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	6,071.63 22.29 133.76	294.32
22 13 16 00-0240 EA 15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	11,846.42 25.80 154.80	340.42
<b>22 13 16 00-0241 Bell And Spigot Cast Iron Scission Joint Fittings</b> (22 13 16 00-0030)		
22 13 16 00-0242 EA 2" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.33 2.27 13.64	
22 13 16 00-0243 EA 3" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.18 2.55 15.32	
22 13 16 00-0244 EA 4" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	283.00 3.42 20.52	
22 13 16 00-0245 EA 5" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	350.16 3.97 23.84	
22 13 16 00-0246 EA 6" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	425.30 4.80 28.80	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0247	EA		8" Bell And Spigot Cast Iron Scission Joint Fitting.....	813.86	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.07	
			<i>For Work In Restricted Working Space, Add</i>	36.40	
<b>22 13 16 00-0248</b>			<b>Cut And Prepare Existing In-Place Cast Iron Pipe</b> (22 13 16 00-0019)		
			Note: For use when connecting pipe to an existing in-place system.		
22 13 16 00-0249	EA		2", Cut And Prepare Existing In-Place Cast Iron Pipe.....	12.66	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.63	
			<i>For Work In Restricted Working Space, Add</i>	3.80	
22 13 16 00-0250	EA		3", Cut And Prepare Existing In-Place Cast Iron Pipe.....	13.81	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.69	
			<i>For Work In Restricted Working Space, Add</i>	4.14	
22 13 16 00-0251	EA		4", Cut And Prepare Existing In-Place Cast Iron Pipe.....	17.26	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.86	
			<i>For Work In Restricted Working Space, Add</i>	5.18	
22 13 16 00-0252	EA		6", Cut And Prepare Existing In-Place Cast Iron Pipe.....	20.71	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.04	
			<i>For Work In Restricted Working Space, Add</i>	6.21	
22 13 16 00-0253	EA		8", Cut And Prepare Existing In-Place Cast Iron Pipe.....	27.61	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.38	
			<i>For Work In Restricted Working Space, Add</i>	8.28	
22 13 16 00-0254	EA		10", Cut And Prepare Existing In-Place Cast Iron Pipe.....	32.21	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.61	
			<i>For Work In Restricted Working Space, Add</i>	9.66	
22 13 16 00-0255	EA		12", Cut And Prepare Existing In-Place Cast Iron Pipe.....	37.97	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.90	
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 13 16 00-0256	EA		15", Cut And Prepare Existing In-Place Cast Iron Pipe.....	43.72	
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.19	
			<i>For Work In Restricted Working Space, Add</i>	13.12	
<b>22 13 16 00-0257</b>			<b>Joint Material</b> (22 13 16 00-0019)		
			Note: Labor costs are included in the installation costs for fittings.		
22 13 16 00-0258	LB		Lead (1 Lb./Diameter Inch) Joint Material.....	7.77	
22 13 16 00-0259	LB		Oakum (1/8 Lb./Diameter Inch) Joint Material.....	15.65	
22 13 16 00-0260	EA		2" Dual Tite Rubber Gasket.....	3.17	
22 13 16 00-0261	EA		3" Dual Tite Rubber Gasket.....	4.34	
22 13 16 00-0262	EA		4" Dual Tite Rubber Gasket.....	5.40	
22 13 16 00-0263	EA		6" Dual Tite Rubber Gasket.....	8.95	
22 13 16 00-0264	EA		8" Dual Tite Rubber Gasket.....	19.74	
22 13 16 00-0265	EA		10" Dual Tite Rubber Gasket.....	30.28	
22 13 16 00-0266	EA		12" Dual Tite Rubber Gasket.....	38.57	
22 13 16 00-0267	EA		15" Dual Tite Rubber Gasket.....	45.81	
<b>22 13 16 00-0268</b>			<b>No Hub Cast Iron Soil Pipe And Fittings</b> (22 13 16)		
			Note: Service Weight. Excludes hangers.		
<b>22 13 16 00-0269</b>			<b>No Hub Cast Iron Pipe</b> (22 13 16 00-0268)		
			Note: Excludes couplings.		
22 13 16 00-0270	LF		1-1/2" No Hub Cast Iron Pipe.....	19.13	6.36
			<i>For Below Ground Installation, Add</i>	0.48	
			<i>For Work In Restricted Working Space, Add</i>	2.87	
22 13 16 00-0271	LF		2" No Hub Cast Iron Pipe.....	20.30	6.78
			<i>For Below Ground Installation, Add</i>	0.51	
			<i>For Work In Restricted Working Space, Add</i>	3.07	
22 13 16 00-0272	LF		3" No Hub Cast Iron Pipe.....	28.74	9.85
			<i>For Below Ground Installation, Add</i>	0.74	
			<i>For Work In Restricted Working Space, Add</i>	4.45	
22 13 16 00-0273	LF		4" No Hub Cast Iron Pipe.....	37.29	12.82
			<i>For Below Ground Installation, Add</i>	0.96	
			<i>For Work In Restricted Working Space, Add</i>	5.78	
22 13 16 00-0274	LF		5" No Hub Cast Iron Pipe.....	49.44	16.22
			<i>For Below Ground Installation, Add</i>	1.22	
			<i>For Work In Restricted Working Space, Add</i>	7.30	
22 13 16 00-0275	LF		6" No Hub Cast Iron Pipe.....	57.56	17.70
			<i>For Below Ground Installation, Add</i>	1.33	
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 13 16 00-0276	LF		8" No Hub Cast Iron Pipe.....	87.53	25.25
			<i>For Below Ground Installation, Add</i>	1.89	
			<i>For Work In Restricted Working Space, Add</i>	11.34	
22 13 16 00-0277	LF		10" No Hub Cast Iron Pipe.....	125.45	28.69
			<i>For Below Ground Installation, Add</i>	2.15	
			<i>For Work In Restricted Working Space, Add</i>	12.89	
<b>22 13 16 00-0278</b>			<b>No Hub Cast Iron Fittings</b> (22 13 16 00-0268)		
<b>22 13 16 00-0279</b>			<b>No Hub Cast Iron Long Sweeps</b> (22 13 16 00-0278)		
22 13 16 00-0280	EA		1-1/2" No Hub Cast Iron Long Sweep.....	69.35	28.82
			<i>For Below Ground Installation, Add</i>	2.16	
			<i>For Work In Restricted Working Space, Add</i>	12.97	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0281 EA 2" No Hub Cast Iron Long Sweep .....	71.84	30.09
<i>For Below Ground Installation, Add</i>	2.25	
<i>For Work In Restricted Working Space, Add</i>	13.52	
22 13 16 00-0282 EA 3" No Hub Cast Iron Long Sweep .....	85.21	34.43
<i>For Below Ground Installation, Add</i>	2.58	
<i>For Work In Restricted Working Space, Add</i>	15.50	
22 13 16 00-0283 EA 4" No Hub Cast Iron Long Sweep .....	118.33	45.56
<i>For Below Ground Installation, Add</i>	3.42	
<i>For Work In Restricted Working Space, Add</i>	20.51	
22 13 16 00-0284 EA 5" No Hub Cast Iron Long Sweep .....	172.24	53.53
<i>For Below Ground Installation, Add</i>	4.01	
<i>For Work In Restricted Working Space, Add</i>	24.07	
22 13 16 00-0285 EA 6" No Hub Cast Iron Long Sweep .....	204.21	63.82
<i>For Below Ground Installation, Add</i>	4.79	
<i>For Work In Restricted Working Space, Add</i>	28.73	
22 13 16 00-0286 EA 8" No Hub Cast Iron Long Sweep .....	419.35	81.88
<i>For Below Ground Installation, Add</i>	6.14	
<i>For Work In Restricted Working Space, Add</i>	36.84	
<b>22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps (22 13 16 00-0278)</b>		
22 13 16 00-0288 EA 3" x 2" No Hub Cast Iron Reducing Long Sweep .....	112.84	34.43
<i>For Below Ground Installation, Add</i>	2.58	
<i>For Work In Restricted Working Space, Add</i>	15.50	
22 13 16 00-0289 EA 4" x 3" No Hub Cast Iron Reducing Long Sweep .....	170.97	45.56
<i>For Below Ground Installation, Add</i>	3.42	
<i>For Work In Restricted Working Space, Add</i>	20.51	
<b>22 13 16 00-0290 No Hub Cast Iron Short Sweeps (22 13 16 00-0278)</b>		
22 13 16 00-0291 EA 2" No Hub Cast Iron Short Sweep .....	66.28	30.09
<i>For Below Ground Installation, Add</i>	2.25	
<i>For Work In Restricted Working Space, Add</i>	13.52	
22 13 16 00-0292 EA 3" No Hub Cast Iron Short Sweep .....	80.81	34.43
<i>For Below Ground Installation, Add</i>	2.58	
<i>For Work In Restricted Working Space, Add</i>	15.50	
22 13 16 00-0293 EA 4" No Hub Cast Iron Short Sweep .....	116.02	45.56
<i>For Below Ground Installation, Add</i>	3.42	
<i>For Work In Restricted Working Space, Add</i>	20.51	
22 13 16 00-0294 EA 5" No Hub Cast Iron Short Sweep .....	173.11	53.53
<i>For Below Ground Installation, Add</i>	4.01	
<i>For Work In Restricted Working Space, Add</i>	24.07	
22 13 16 00-0295 EA 6" No Hub Cast Iron Short Sweep .....	190.73	63.82
<i>For Below Ground Installation, Add</i>	4.79	
<i>For Work In Restricted Working Space, Add</i>	28.73	
22 13 16 00-0296 EA 8" No Hub Cast Iron Short Sweep .....	378.60	81.88
<i>For Below Ground Installation, Add</i>	6.14	
<i>For Work In Restricted Working Space, Add</i>	36.84	
22 13 16 00-0297 EA 10" No Hub Cast Iron Short Sweep .....	621.86	114.66
<i>For Below Ground Installation, Add</i>	8.60	
<i>For Work In Restricted Working Space, Add</i>	51.58	
<b>22 13 16 00-0298 No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0299 EA 1-1/2" No Hub Cast Iron 1/4 Bend .....	59.69	28.82
<i>For Below Ground Installation, Add</i>	2.16	
<i>For Work In Restricted Working Space, Add</i>	12.98	
22 13 16 00-0300 EA 2" No Hub Cast Iron 1/4 Bend .....	62.46	30.09
<i>For Below Ground Installation, Add</i>	2.25	
<i>For Work In Restricted Working Space, Add</i>	13.52	
22 13 16 00-0301 EA 3" No Hub Cast Iron 1/4 Bend .....	74.61	34.43
<i>For Below Ground Installation, Add</i>	2.58	
<i>For Work In Restricted Working Space, Add</i>	15.50	
22 13 16 00-0302 EA 4" No Hub Cast Iron 1/4 Bend .....	102.32	45.56
<i>For Below Ground Installation, Add</i>	3.42	
<i>For Work In Restricted Working Space, Add</i>	20.51	
22 13 16 00-0303 EA 5" No Hub Cast Iron 1/4 Bend .....	156.09	53.53
<i>For Below Ground Installation, Add</i>	4.01	
<i>For Work In Restricted Working Space, Add</i>	24.07	
22 13 16 00-0304 EA 6" No Hub Cast Iron 1/4 Bend .....	179.84	63.82
<i>For Below Ground Installation, Add</i>	4.79	
<i>For Work In Restricted Working Space, Add</i>	28.73	
22 13 16 00-0305 EA 8" No Hub Cast Iron 1/4 Bend .....	346.87	81.88
<i>For Below Ground Installation, Add</i>	6.14	
<i>For Work In Restricted Working Space, Add</i>	36.84	
<b>22 13 16 00-0306 No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0307 EA 1-1/2" No Hub Cast Iron 1/8 Bend .....	56.16	28.82
<i>For Below Ground Installation, Add</i>	2.16	
<i>For Work In Restricted Working Space, Add</i>	12.98	
22 13 16 00-0308 EA 2" No Hub Cast Iron 1/8 Bend .....	58.28	30.09
<i>For Below Ground Installation, Add</i>	2.25	
<i>For Work In Restricted Working Space, Add</i>	13.52	

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0309	EA		3" No Hub Cast Iron 1/8 Bend.....	70.50	34.43
			<i>For Below Ground Installation, Add</i>	2.58	
			<i>For Work In Restricted Working Space, Add</i>	15.50	
22 13 16 00-0310	EA		4" No Hub Cast Iron 1/8 Bend.....	93.09	45.56
			<i>For Below Ground Installation, Add</i>	3.42	
			<i>For Work In Restricted Working Space, Add</i>	20.51	
22 13 16 00-0311	EA		6" No Hub Cast Iron 1/8 Bend.....	157.37	67.28
			<i>For Below Ground Installation, Add</i>	5.05	
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0312	EA		8" No Hub Cast Iron 1/8 Bend.....	282.74	88.36
			<i>For Below Ground Installation, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	39.74	
22 13 16 00-0313	EA		10" No Hub Cast Iron 1/8 Bend.....	446.49	108.71
			<i>For Below Ground Installation, Add</i>	8.15	
			<i>For Work In Restricted Working Space, Add</i>	48.90	
<b>22 13 16 00-0314</b>			<b>No Hub Cast Iron Wyes</b> <small>(22 13 16 00-0278)</small>		
22 13 16 00-0315	EA		1-1/2" No Hub Cast Iron Wye.....	90.85	45.34
			<i>For Below Ground Installation, Add</i>	3.40	
			<i>For Work In Restricted Working Space, Add</i>	20.38	
22 13 16 00-0316	EA		2" No Hub Cast Iron Wye.....	115.35	61.45
			<i>For Below Ground Installation, Add</i>	4.61	
			<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0317	EA		3" No Hub Cast Iron Wye.....	132.63	67.28
			<i>For Below Ground Installation, Add</i>	5.05	
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0318	EA		4" No Hub Cast Iron Wye.....	183.94	88.36
			<i>For Below Ground Installation, Add</i>	6.62	
			<i>For Work In Restricted Working Space, Add</i>	39.74	
22 13 16 00-0319	EA		5" No Hub Cast Iron Wye.....	267.64	104.21
			<i>For Below Ground Installation, Add</i>	7.81	
			<i>For Work In Restricted Working Space, Add</i>	46.87	
22 13 16 00-0320	EA		6" No Hub Cast Iron Wye.....	317.56	123.71
			<i>For Below Ground Installation, Add</i>	9.28	
			<i>For Work In Restricted Working Space, Add</i>	55.65	
22 13 16 00-0321	EA		8" No Hub Cast Iron Wye.....	555.86	163.87
			<i>For Below Ground Installation, Add</i>	12.28	
			<i>For Work In Restricted Working Space, Add</i>	73.68	
22 13 16 00-0322	EA		10" No Hub Cast Iron Wye.....	944.67	182.03
			<i>For Below Ground Installation, Add</i>	13.65	
			<i>For Work In Restricted Working Space, Add</i>	81.87	
<b>22 13 16 00-0323</b>			<b>No Hub Cast Iron Reducing Wyes</b> <small>(22 13 16 00-0278)</small>		
22 13 16 00-0324	EA		3" x 1-1/2" No Hub Cast Iron Reducing Wye.....	112.95	58.70
			<i>For Below Ground Installation, Add</i>	4.40	
			<i>For Work In Restricted Working Space, Add</i>	26.38	
22 13 16 00-0325	EA		3" x 2" No Hub Cast Iron Reducing Wye.....	125.92	67.28
			<i>For Below Ground Installation, Add</i>	5.05	
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0326	EA		4" x 2" No Hub Cast Iron Reducing Wye.....	143.55	74.38
			<i>For Below Ground Installation, Add</i>	5.58	
			<i>For Work In Restricted Working Space, Add</i>	33.46	
22 13 16 00-0327	EA		4" x 3" No Hub Cast Iron Reducing Wye.....	166.83	82.64
			<i>For Below Ground Installation, Add</i>	6.20	
			<i>For Work In Restricted Working Space, Add</i>	37.18	
22 13 16 00-0328	EA		6" x 2" No Hub Cast Iron Reducing Wye.....	229.06	105.26
			<i>For Below Ground Installation, Add</i>	7.89	
			<i>For Work In Restricted Working Space, Add</i>	47.36	
22 13 16 00-0329	EA		6" x 3" No Hub Cast Iron Reducing Wye.....	245.17	110.03
			<i>For Below Ground Installation, Add</i>	8.25	
			<i>For Work In Restricted Working Space, Add</i>	49.47	
22 13 16 00-0330	EA		6" x 4" No Hub Cast Iron Reducing Wye.....	280.65	128.59
			<i>For Below Ground Installation, Add</i>	9.64	
			<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0331	EA		8" x 4" No Hub Cast Iron Reducing Wye.....	370.81	128.84
			<i>For Below Ground Installation, Add</i>	9.66	
			<i>For Work In Restricted Working Space, Add</i>	57.95	
22 13 16 00-0332	EA		8" x 6" No Hub Cast Iron Reducing Wye.....	431.63	141.62
			<i>For Below Ground Installation, Add</i>	10.61	
			<i>For Work In Restricted Working Space, Add</i>	63.68	
22 13 16 00-0333	EA		10" x 4" No Hub Cast Iron Reducing Wye.....	690.80	150.87
			<i>For Below Ground Installation, Add</i>	11.31	
			<i>For Work In Restricted Working Space, Add</i>	67.87	
22 13 16 00-0334	EA		10" x 6" No Hub Cast Iron Reducing Wye.....	728.22	161.50
			<i>For Below Ground Installation, Add</i>	12.11	
			<i>For Work In Restricted Working Space, Add</i>	72.65	
22 13 16 00-0335	EA		10" x 8" No Hub Cast Iron Reducing Wye.....	842.26	172.47
			<i>For Below Ground Installation, Add</i>	12.93	
			<i>For Work In Restricted Working Space, Add</i>	77.56	

22 13 16 00-0336 No Hub Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0278)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0337 EA 1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend.....	102.29	52.77
<i>For Below Ground Installation, Add</i>	3.95	
<i>For Work In Restricted Working Space, Add</i>	23.72	
22 13 16 00-0338 EA 2" No Hub Cast Iron Combination Wye And 1/8 Bend.....	116.29	61.45
<i>For Below Ground Installation, Add</i>	4.61	
<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0339 EA 3" No Hub Cast Iron Combination Wye And 1/8 Bend.....	139.70	67.28
<i>For Below Ground Installation, Add</i>	5.05	
<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0340 EA 4" No Hub Cast Iron Combination Wye And 1/8 Bend.....	203.92	88.36
<i>For Below Ground Installation, Add</i>	6.62	
<i>For Work In Restricted Working Space, Add</i>	39.74	
22 13 16 00-0341 EA 6" No Hub Cast Iron Combination Wye And 1/8 Bend.....	383.68	135.94
<i>For Below Ground Installation, Add</i>	10.19	
<i>For Work In Restricted Working Space, Add</i>	61.13	
22 13 16 00-0342 EA 8" No Hub Cast Iron Combination Wye And 1/8 Bend.....	712.94	174.39
<i>For Below Ground Installation, Add</i>	13.07	
<i>For Work In Restricted Working Space, Add</i>	78.45	
22 13 16 00-0343 EA 10" No Hub Cast Iron Combination Wye And 1/8 Bend.....	834.47	210.84
<i>For Below Ground Installation, Add</i>	15.80	
<i>For Work In Restricted Working Space, Add</i>	94.83	
<b>22 13 16 00-0344 No Hub Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0278)</b>		
22 13 16 00-0345 EA 2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	117.44	61.45
<i>For Below Ground Installation, Add</i>	4.61	
<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0346 EA 3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	129.46	67.28
<i>For Below Ground Installation, Add</i>	5.05	
<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0347 EA 4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	150.62	74.38
<i>For Below Ground Installation, Add</i>	5.58	
<i>For Work In Restricted Working Space, Add</i>	33.46	
22 13 16 00-0348 EA 4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	173.68	82.64
<i>For Below Ground Installation, Add</i>	6.20	
<i>For Work In Restricted Working Space, Add</i>	37.18	
22 13 16 00-0349 EA 6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	249.61	105.26
<i>For Below Ground Installation, Add</i>	7.89	
<i>For Work In Restricted Working Space, Add</i>	47.36	
22 13 16 00-0350 EA 6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	281.08	110.03
<i>For Below Ground Installation, Add</i>	8.25	
<i>For Work In Restricted Working Space, Add</i>	49.47	
22 13 16 00-0351 EA 6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	312.09	128.59
<i>For Below Ground Installation, Add</i>	9.64	
<i>For Work In Restricted Working Space, Add</i>	57.82	
22 13 16 00-0352 EA 8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	429.58	128.84
<i>For Below Ground Installation, Add</i>	9.66	
<i>For Work In Restricted Working Space, Add</i>	57.95	
22 13 16 00-0353 EA 8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend.....	565.99	141.62
<i>For Below Ground Installation, Add</i>	10.61	
<i>For Work In Restricted Working Space, Add</i>	63.68	
<b>22 13 16 00-0354 No Hub Cast Iron Double Wyes (22 13 16 00-0278)</b>		
22 13 16 00-0355 EA 2" No Hub Cast Iron Double Wye .....	146.92	76.39
<i>For Below Ground Installation, Add</i>	5.73	
<i>For Work In Restricted Working Space, Add</i>	34.36	
22 13 16 00-0356 EA 3" No Hub Cast Iron Double Wye .....	199.12	93.03
<i>For Below Ground Installation, Add</i>	6.97	
<i>For Work In Restricted Working Space, Add</i>	41.82	
22 13 16 00-0357 EA 4" No Hub Cast Iron Double Wye .....	275.34	101.72
<i>For Below Ground Installation, Add</i>	7.62	
<i>For Work In Restricted Working Space, Add</i>	45.74	
22 13 16 00-0358 EA 6" No Hub Cast Iron Double Wye .....	445.45	155.94
<i>For Below Ground Installation, Add</i>	11.69	
<i>For Work In Restricted Working Space, Add</i>	70.11	
22 13 16 00-0359 EA 8" No Hub Cast Iron Double Wye .....	886.01	208.46
<i>For Below Ground Installation, Add</i>	15.63	
<i>For Work In Restricted Working Space, Add</i>	93.78	
<b>22 13 16 00-0360 No Hub Cast Iron Reducing Double Wyes (22 13 16 00-0278)</b>		
22 13 16 00-0361 EA 3" x 2" No Hub Cast Iron Double Wye .....	178.08	84.65
<i>For Below Ground Installation, Add</i>	6.34	
<i>For Work In Restricted Working Space, Add</i>	38.06	
22 13 16 00-0362 EA 4" x 2" No Hub Cast Iron Double Wye .....	214.95	97.48
<i>For Below Ground Installation, Add</i>	7.31	
<i>For Work In Restricted Working Space, Add</i>	43.85	
22 13 16 00-0363 EA 4" x 3" No Hub Cast Iron Double Wye .....	236.92	106.27
<i>For Below Ground Installation, Add</i>	7.97	
<i>For Work In Restricted Working Space, Add</i>	47.80	
22 13 16 00-0364 EA 6" x 4" No Hub Cast Iron Double Wye .....	377.83	137.49
<i>For Below Ground Installation, Add</i>	10.31	
<i>For Work In Restricted Working Space, Add</i>	61.84	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0365	<b>No Hub Cast Iron Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0278)		
22 13 16 00-0366	EA 2" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	194.36	91.76
	<i>For Below Ground Installation, Add</i>	6.88	
	<i>For Work In Restricted Working Space, Add</i>	41.28	
22 13 16 00-0367	EA 3" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	240.36	101.72
	<i>For Below Ground Installation, Add</i>	7.62	
	<i>For Work In Restricted Working Space, Add</i>	45.74	
22 13 16 00-0368	EA 4" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	369.71	134.66
	<i>For Below Ground Installation, Add</i>	10.09	
	<i>For Work In Restricted Working Space, Add</i>	60.55	
22 13 16 00-0369	EA 6" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	507.64	207.88
	<i>For Below Ground Installation, Add</i>	15.58	
	<i>For Work In Restricted Working Space, Add</i>	93.49	
22 13 16 00-0370	<b>No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends</b> (22 13 16 00-0278)		
22 13 16 00-0371	EA 3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	184.22	78.93
	<i>For Below Ground Installation, Add</i>	5.92	
	<i>For Work In Restricted Working Space, Add</i>	35.51	
22 13 16 00-0372	EA 4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	213.47	91.76
	<i>For Below Ground Installation, Add</i>	6.88	
	<i>For Work In Restricted Working Space, Add</i>	41.28	
22 13 16 00-0373	EA 4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend.....	260.56	100.23
	<i>For Below Ground Installation, Add</i>	7.51	
	<i>For Work In Restricted Working Space, Add</i>	45.09	
22 13 16 00-0374	<b>No Hub Cast Iron Sanitary Tees</b> (22 13 16 00-0278)		
22 13 16 00-0375	EA 1-1/2" No Hub Cast Iron Sanitary Tee.....	88.42	44.40
	<i>For Below Ground Installation, Add</i>	3.33	
	<i>For Work In Restricted Working Space, Add</i>	19.99	
22 13 16 00-0376	EA 2" No Hub Cast Iron Sanitary Tee.....	116.51	61.45
	<i>For Below Ground Installation, Add</i>	4.61	
	<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0377	EA 3" No Hub Cast Iron Sanitary Tee.....	130.03	67.28
	<i>For Below Ground Installation, Add</i>	5.05	
	<i>For Work In Restricted Working Space, Add</i>	30.27	
22 13 16 00-0378	EA 4" No Hub Cast Iron Sanitary Tee.....	178.03	88.36
	<i>For Below Ground Installation, Add</i>	6.62	
	<i>For Work In Restricted Working Space, Add</i>	39.74	
22 13 16 00-0379	EA 5" No Hub Cast Iron Sanitary Tee.....	268.87	104.21
	<i>For Below Ground Installation, Add</i>	7.81	
	<i>For Work In Restricted Working Space, Add</i>	46.87	
22 13 16 00-0380	EA 6" No Hub Cast Iron Sanitary Tee.....	316.69	123.71
	<i>For Below Ground Installation, Add</i>	9.28	
	<i>For Work In Restricted Working Space, Add</i>	55.65	
22 13 16 00-0381	EA 8" No Hub Cast Iron Sanitary Tee.....	628.77	163.87
	<i>For Below Ground Installation, Add</i>	12.28	
	<i>For Work In Restricted Working Space, Add</i>	73.68	
22 13 16 00-0382	<b>No Hub Cast Iron Reducing Sanitary Tees</b> (22 13 16 00-0278)		
22 13 16 00-0383	EA 2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee.....	99.52	50.12
	<i>For Below Ground Installation, Add</i>	3.76	
	<i>For Work In Restricted Working Space, Add</i>	22.54	
22 13 16 00-0384	EA 3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee.....	114.97	58.70
	<i>For Below Ground Installation, Add</i>	4.40	
	<i>For Work In Restricted Working Space, Add</i>	26.38	
22 13 16 00-0385	EA 3" x 2" No Hub Cast Iron Reducing Sanitary Tee.....	119.17	61.45
	<i>For Below Ground Installation, Add</i>	4.61	
	<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0386	EA 3" x 4" No Hub Cast Iron Reducing Sanitary Tee.....	147.08	61.45
	<i>For Below Ground Installation, Add</i>	4.61	
	<i>For Work In Restricted Working Space, Add</i>	27.64	
22 13 16 00-0387	EA 4" x 2" No Hub Cast Iron Reducing Sanitary Tee.....	159.34	83.17
	<i>For Below Ground Installation, Add</i>	6.23	
	<i>For Work In Restricted Working Space, Add</i>	37.40	
22 13 16 00-0388	EA 4" x 3" No Hub Cast Iron Reducing Sanitary Tee.....	166.12	83.17
	<i>For Below Ground Installation, Add</i>	6.23	
	<i>For Work In Restricted Working Space, Add</i>	37.40	
22 13 16 00-0389	EA 5" x 2" No Hub Cast Iron Reducing Sanitary Tee.....	228.97	99.00
	<i>For Below Ground Installation, Add</i>	7.42	
	<i>For Work In Restricted Working Space, Add</i>	44.52	
22 13 16 00-0390	EA 5" x 3" No Hub Cast Iron Reducing Sanitary Tee.....	238.41	99.00
	<i>For Below Ground Installation, Add</i>	7.42	
	<i>For Work In Restricted Working Space, Add</i>	44.52	
22 13 16 00-0391	EA 5" x 4" No Hub Cast Iron Reducing Sanitary Tee.....	239.57	99.00
	<i>For Below Ground Installation, Add</i>	7.42	
	<i>For Work In Restricted Working Space, Add</i>	44.52	
22 13 16 00-0392	EA 6" x 4" No Hub Cast Iron Reducing Sanitary Tee.....	248.43	103.15
	<i>For Below Ground Installation, Add</i>	7.73	
	<i>For Work In Restricted Working Space, Add</i>	46.38	



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0393	EA		8" x 6" No Hub Cast Iron Reducing Sanitary Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	492.65 10.36 62.14	138.19
<b>22 13 16 00-0394</b>			<b>No Hub Cast Iron Sanitary Tapped Tees</b> (22 13 16 00-0278)		
22 13 16 00-0395	EA		2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.53 2.25 13.52	30.09
22 13 16 00-0396	EA		3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	81.03 2.58 15.50	34.43
22 13 16 00-0397	EA		4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	98.35 3.42 20.51	45.56
<b>22 13 16 00-0398</b>			<b>No Hub Cast Iron Cleanout Tees</b> (22 13 16 00-0278)		
22 13 16 00-0399	EA		2" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.27 2.25 13.52	30.09
22 13 16 00-0400	EA		3" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	84.13 2.58 15.50	34.43
22 13 16 00-0401	EA		4" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	125.39 3.42 20.51	45.56
22 13 16 00-0402	EA		6" No Hub Cast Iron Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.18 5.05 30.27	67.28
<b>22 13 16 00-0403</b>			<b>No Hub Cast Iron Two-Way Cleanout Tees</b> (22 13 16 00-0278)		
22 13 16 00-0404	EA		4" No Hub Cast Iron Single Two-Way Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	295.34 6.62 39.74	88.36
22 13 16 00-0405	EA		4" No Hub Cast Iron Double Two-Way Cleanout Tee ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	352.56 10.07 60.39	134.24
<b>22 13 16 00-0406</b>			<b>No Hub Cast Iron Cleanout Plugs</b> (22 13 16 00-0278)		
22 13 16 00-0407	EA		2" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	53.66 2.25 13.52	30.09
22 13 16 00-0408	EA		3" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	65.17 2.58 15.50	34.43
22 13 16 00-0409	EA		4" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	93.95 3.42 20.51	45.56
22 13 16 00-0410	EA		6" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.71 5.05 30.27	67.28
22 13 16 00-0411	EA		8" No Hub Cast Iron Cleanout Plug ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	198.15 6.62 39.74	88.36
<b>22 13 16 00-0412</b>			<b>No Hub Cast Iron Sanitary Crosses</b> (22 13 16 00-0278)		
22 13 16 00-0413	EA		1-1/2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	118.46 4.45 26.71	59.34
22 13 16 00-0414	EA		2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.91 4.61 27.64	61.45
22 13 16 00-0415	EA		3" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	158.81 5.05 30.27	67.28
22 13 16 00-0416	EA		4" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	241.27 6.62 39.74	88.36
<b>22 13 16 00-0417</b>			<b>No Hub Cast Iron Reducing Sanitary Crosses</b> (22 13 16 00-0278)		
22 13 16 00-0418	EA		3" x 2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.42 5.92 35.51	78.93
22 13 16 00-0419	EA		4" x 2" No Hub Cast Iron Sanitary Cross ..... <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	195.40 6.09 36.55	81.27



**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0420	EA 4" x 3" No Hub Cast Iron Sanitary Cross <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	215.95 6.36 38.15	84.87
<b>22 13 16 00-0421</b>	<b>No Hub Cast Iron Reducers</b> (22 13 16 00-0278)		
22 13 16 00-0422	EA 3" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	104.46 4.61 27.64	61.45
22 13 16 00-0423	EA 4" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.47 6.23 37.40	83.17
22 13 16 00-0424	EA 4" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	144.05 6.23 37.40	83.17
22 13 16 00-0425	EA 5" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	176.03 7.42 44.52	99.00
22 13 16 00-0426	EA 5" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	179.85 7.42 44.52	99.00
22 13 16 00-0427	EA 5" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	181.37 7.42 44.52	99.00
22 13 16 00-0428	EA 6" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	212.57 8.25 49.47	110.03
22 13 16 00-0429	EA 6" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	213.15 8.25 49.47	110.03
22 13 16 00-0430	EA 6" x 5" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.88 8.25 49.47	110.03
22 13 16 00-0431	EA 8" x 2" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	292.78 11.46 68.77	152.91
22 13 16 00-0432	EA 8" x 3" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	297.17 11.46 68.77	152.91
22 13 16 00-0433	EA 8" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	304.24 11.46 68.77	152.91
22 13 16 00-0434	EA 8" x 5" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	311.60 11.46 68.77	152.91
22 13 16 00-0435	EA 8" x 6" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	312.46 11.46 68.77	152.91
22 13 16 00-0436	EA 10" x 4" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	378.22 12.09 72.53	161.29
22 13 16 00-0437	EA 10" x 6" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	405.41 12.63 75.76	168.38
22 13 16 00-0438	EA 10" x 8" No Hub Cast Iron Reducer <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	457.19 13.70 82.20	182.78
<b>22 13 16 00-0439</b>	<b>No Hub Cast Iron Blind Plugs</b> (22 13 16 00-0278)		
22 13 16 00-0440	EA 1-1/2" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.70 1.08 6.49	14.42
22 13 16 00-0441	EA 2" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.33 1.13 6.77	15.04
22 13 16 00-0442	EA 3" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.88 1.29 7.75	17.27
22 13 16 00-0443	EA 4" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	50.30 1.71 10.25	22.78
22 13 16 00-0444	EA 5" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.81 2.04 12.24	27.25
22 13 16 00-0445	EA 6" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.20 2.40 14.37	31.90
22 13 16 00-0446	EA 8" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.92 3.07 18.41	40.94
22 13 16 00-0447	EA 10" No Hub Cast Iron Blind Plug <i>For Below Ground Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.46 3.30 19.82	44.06



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 13 16 00-0448 No Hub Cast Iron P-Traps</b> (22 13 16 00-0278)		
22 13 16 00-0449 EA 2" No Hub Cast Iron P-Trap.....	70.10	30.09
For Below Ground Installation, Add	2.25	
For Work In Restricted Working Space, Add	13.52	
22 13 16 00-0450 EA 3" No Hub Cast Iron P-Trap.....	108.72	34.43
For Below Ground Installation, Add	2.58	
For Work In Restricted Working Space, Add	15.50	
22 13 16 00-0451 EA 4" No Hub Cast Iron P-Trap.....	167.44	45.56
For Below Ground Installation, Add	3.42	
For Work In Restricted Working Space, Add	20.51	
22 13 16 00-0452 EA 5" No Hub Cast Iron P-Trap.....	307.59	53.96
For Below Ground Installation, Add	4.04	
For Work In Restricted Working Space, Add	24.26	
22 13 16 00-0453 EA 6" No Hub Cast Iron P-Trap.....	323.41	64.35
For Below Ground Installation, Add	4.82	
For Work In Restricted Working Space, Add	28.94	
<b>22 13 16 00-0454 No Hub Cast Iron Deep Seal P-Traps</b> (22 13 16 00-0278)		
22 13 16 00-0455 EA 2" No Hub Cast Iron Deep Seal P-Trap.....	116.98	38.25
For Below Ground Installation, Add	2.86	
For Work In Restricted Working Space, Add	17.18	
22 13 16 00-0456 EA 3" No Hub Cast Iron Deep Seal P-Trap.....	171.49	50.85
For Below Ground Installation, Add	3.81	
For Work In Restricted Working Space, Add	22.87	
22 13 16 00-0457 EA 4" No Hub Cast Iron Deep Seal P-Trap.....	253.54	67.17
For Below Ground Installation, Add	5.03	
For Work In Restricted Working Space, Add	30.20	
<b>22 13 16 00-0458 No Hub Cast Iron Closet Flanges</b> (22 13 16 00-0278)		
22 13 16 00-0459 EA 4" No Hub Cast Iron Closet Flange.....	108.01	45.56
For Below Ground Installation, Add	3.42	
For Work In Restricted Working Space, Add	20.51	
22 13 16 00-0460 EA 4" x 2-1/2" No Hub Cast Iron Offset Closet Flange.....	116.25	45.56
For Below Ground Installation, Add	3.42	
For Work In Restricted Working Space, Add	20.51	
<b>22 13 16 00-0461 No Hub Cast Iron Closet Bends</b> (22 13 16 00-0278)		
22 13 16 00-0462 EA 4" x 16" No Hub Cast Iron Closet Bend.....	223.62	45.56
For Below Ground Installation, Add	3.42	
For Work In Restricted Working Space, Add	20.51	
<b>22 13 16 00-0463 No Hub Cast Iron Threaded Adapter</b> (22 13 16 00-0278)		
22 13 16 00-0464 EA 1-1/4" No Hub Cast Iron Threaded Adapter.....	78.76	38.25
For Below Ground Installation, Add	2.86	
For Work In Restricted Working Space, Add	17.18	
22 13 16 00-0465 EA 1-1/2" No Hub Cast Iron Threaded Adapter.....	85.40	38.25
For Below Ground Installation, Add	2.86	
For Work In Restricted Working Space, Add	17.18	
<b>22 13 16 00-0466 No Hub Couplings</b> (22 13 16 00-0278)		
Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Fernco NH). Labor costs are included in the installation costs for fittings.		
22 13 16 00-0467 EA 1-1/2" No Hub Coupling.....	10.35	
For Medium Duty (Fernco MD-2000), Add	1.35	
For Heavy-Duty (Fernco HD-4000), Add	2.79	
22 13 16 00-0468 EA 2" No Hub Coupling.....	10.35	
For Medium Duty (Fernco MD-2000), Add	1.35	
For Heavy-Duty (Fernco HD-4000), Add	2.79	
22 13 16 00-0469 EA 3" No Hub Coupling.....	12.29	
For Medium Duty (Fernco MD-2000), Add	1.60	
For Heavy-Duty (Fernco HD-4000), Add	3.32	
22 13 16 00-0470 EA 4" No Hub Coupling.....	14.59	
For Medium Duty (Fernco MD-2000), Add	1.90	
For Heavy-Duty (Fernco HD-4000), Add	3.94	
22 13 16 00-0471 EA 5" No Hub Coupling.....	33.73	
For Medium Duty (Fernco MD-2000), Add	4.38	
For Heavy-Duty (Fernco HD-4000), Add	9.11	
22 13 16 00-0472 EA 6" No Hub Coupling.....	37.07	
For Medium Duty (Fernco MD-2000), Add	4.82	
For Heavy-Duty (Fernco HD-4000), Add	10.01	
22 13 16 00-0473 EA 8" No Hub Coupling.....	69.83	
For Medium Duty (Fernco MD-2000), Add	9.08	
For Heavy-Duty (Fernco HD-4000), Add	18.85	
22 13 16 00-0474 EA 10" No Hub Coupling.....	96.20	
For Medium Duty (Fernco MD-2000), Add	12.51	
For Heavy-Duty (Fernco HD-4000), Add	25.97	

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 13 16 00-0475	EA	2" x 1-1/2" No Hub Reducing Coupling.....		12.29	
22 13 16 00-0476	EA	3" x 2" No Hub Reducing Coupling.....		19.06	
22 13 16 00-0477	EA	4" x 2" No Hub Reducing Coupling.....		26.59	
22 13 16 00-0478	EA	4" x 3" No Hub Reducing Coupling.....		22.65	
<b>22 13 16 00-0479</b>		<b>Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts</b> <small>(22 13 16 00-0278)</small>			
		<small>Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0870 for additional FERNCO couplings.</small>			
22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		47.51	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		49.04	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		51.49	
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		60.07	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		113.40	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		155.70	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		272.78	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		416.84	
<b>22 13 16 00-0488</b>		<b>Cut And Prepare Existing Pipe In-Place</b> <small>(22 13 16 00-0268)</small>			
		<small>Note: For use when connecting pipe to an existing in-place system.</small>			
22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub.....		10.35	
		<i>For Work In Restricted Working Space, Add</i>		3.11	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub.....		12.66	
		<i>For Work In Restricted Working Space, Add</i>		3.80	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub.....		13.81	
		<i>For Work In Restricted Working Space, Add</i>		4.14	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub.....		17.26	
		<i>For Work In Restricted Working Space, Add</i>		5.18	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub.....		20.71	
		<i>For Work In Restricted Working Space, Add</i>		6.21	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub.....		27.62	
		<i>For Work In Restricted Working Space, Add</i>		8.29	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub.....		32.22	
		<i>For Work In Restricted Working Space, Add</i>		9.67	
<b>22 13 16 00-0496</b>		<b>Copper Drain-Waste-Vent (DWV) Pipe</b> <small>(22 13 16)</small>			
		<small>See CSI section 22 11 16 00-0450 for copper and brass fittings.</small>			
22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe.....		17.08	4.98
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe.....		20.41	5.56
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe.....		26.29	6.86
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe.....		56.40	9.50
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe.....		79.06	10.72
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe.....		156.30	12.31
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe.....		222.75	19.08
<b>22 13 16 00-0504</b>		<b>Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings</b> <small>(22 13 16)</small>			
		<small>Note: Aboveground installation. See CSI section 33 31 11 00-0019 for underground installation.</small>			
<b>22 13 16 00-0505</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies</b> <small>(22 13 16 00-0504)</small>			
<b>22 13 16 00-0506</b>		<b>Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies</b> <small>(22 13 16 00-0505)</small>			
		<small>Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available. Not for use where detail is available.</small>			
22 13 16 00-0507	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		13.51	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		2.48	
22 13 16 00-0508	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		16.31	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		3.02	
22 13 16 00-0509	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		27.41	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		4.27	
22 13 16 00-0510	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		35.85	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		4.71	
22 13 16 00-0511	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		65.15	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		6.06	
22 13 16 00-0512	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		93.90	
		<small>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</small>			
		<i>For Work In Restricted Working Space, Add</i>		8.10	



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Sanitary Sewerage</b>	<b>22 13</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0513	LF		10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	137.10  10.80	
<b>22 13 16 00-0514</b>			<b>Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies</b> <small>(22 13 16 00-0505)</small> Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0515	LF		1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	26.89  5.10	4.45
22 13 16 00-0516	LF		2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	30.29  5.67	5.30
22 13 16 00-0517	LF		3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	43.93  7.05	7.63
22 13 16 00-0518	LF		4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	55.87  7.70	8.26
22 13 16 00-0519	LF		6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	88.36  9.86	10.60
22 13 16 00-0520	LF		8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	118.18  11.30	14.09
22 13 16 00-0521	LF		10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly..... Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	166.97  14.73	18.86
<b>22 13 16 00-0522</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe</b> <small>(22 13 16 00-0504)</small> Note: Excludes fittings or hangers.		
<b>22 13 16 00-0523</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665)</b> <small>(22 13 16 00-0522)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0524	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	10.49  1.99	4.45
22 13 16 00-0525	LF		2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	13.01  2.38	5.30
22 13 16 00-0526	LF		3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	21.54  3.42	7.63
22 13 16 00-0527	LF		4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	26.69  3.71	8.26
22 13 16 00-0528	LF		6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	41.43  4.76	10.60
22 13 16 00-0529	LF		8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	59.97  6.36	14.10
22 13 16 00-0530	LF		10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe..... <i>For Work In Restricted Working Space, Add</i>	87.65  8.48	18.87
<b>22 13 16 00-0531</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891)</b> <small>(22 13 16 00-0522)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0532	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.33  1.99	4.45
22 13 16 00-0533	LF		2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	11.64  2.38	5.30
22 13 16 00-0534	LF		3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	18.95  3.42	7.63
22 13 16 00-0535	LF		4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	23.25  3.71	8.26
22 13 16 00-0536	LF		6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	35.02  4.76	10.60
22 13 16 00-0537	LF		8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	50.96  6.36	14.10
22 13 16 00-0538	LF		10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	77.85  8.48	18.87
<b>22 13 16 00-0539</b>			<b>Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665)</b> <small>(22 13 16 00-0504)</small>		
<b>22 13 16 00-0540</b>			<b>Polyvinyl Chloride (PVC) DWV 1/4 Bends</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0541	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	34.10  7.95	17.69



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0542	EA		2" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	43.57	22.57
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 13 16 00-0543	EA		3" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	75.57	30.30
			<i>For Work In Restricted Working Space, Add</i>	13.67	
22 13 16 00-0544	EA		4" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	116.67	35.28
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 13 16 00-0545	EA		6" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	456.41	45.88
			<i>For Work In Restricted Working Space, Add</i>	20.66	
22 13 16 00-0546	EA		8" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	756.54	61.78
			<i>For Work In Restricted Working Space, Add</i>	27.81	
22 13 16 00-0547	EA		10" Polyvinyl Chloride (PVC) DWV 1/4 Bends .....	998.81	82.33
			<i>For Work In Restricted Working Space, Add</i>	37.08	
<b>22 13 16 00-0548</b>			<b>Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends</b> (22 13 16 00-0539)		
22 13 16 00-0549	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	55.48	17.69
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 13 16 00-0550	EA		2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	55.87	22.57
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 13 16 00-0551	EA		3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	107.20	30.30
			<i>For Work In Restricted Working Space, Add</i>	13.67	
22 13 16 00-0552	EA		4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	174.65	35.28
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 13 16 00-0553	EA		6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	344.42	45.88
			<i>For Work In Restricted Working Space, Add</i>	20.66	
22 13 16 00-0554	EA		8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	609.36	61.78
			<i>For Work In Restricted Working Space, Add</i>	27.81	
22 13 16 00-0555	EA		10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends .....	996.17	82.33
			<i>For Work In Restricted Working Space, Add</i>	37.08	
<b>22 13 16 00-0556</b>			<b>Polyvinyl Chloride (PVC) DWV 1/8 Bends</b> (22 13 16 00-0539)		
22 13 16 00-0557	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	35.86	17.69
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 13 16 00-0558	EA		2" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	43.43	22.57
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 13 16 00-0559	EA		3" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	72.94	30.30
			<i>For Work In Restricted Working Space, Add</i>	13.67	
22 13 16 00-0560	EA		4" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	103.78	35.28
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 13 16 00-0561	EA		6" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	423.61	45.88
			<i>For Work In Restricted Working Space, Add</i>	20.66	
22 13 16 00-0562	EA		8" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	680.31	61.78
			<i>For Work In Restricted Working Space, Add</i>	27.81	
22 13 16 00-0563	EA		10" Polyvinyl Chloride (PVC) DWV 1/8 Bends .....	774.58	82.33
			<i>For Work In Restricted Working Space, Add</i>	37.08	
<b>22 13 16 00-0564</b>			<b>Polyvinyl Chloride (PVC) DWV Sanitary Tees</b> (22 13 16 00-0539)		
22 13 16 00-0565	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	53.35	26.49
			<i>For Work In Restricted Working Space, Add</i>	11.92	
22 13 16 00-0566	EA		2" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	70.32	33.91
			<i>For Work In Restricted Working Space, Add</i>	15.26	
22 13 16 00-0567	EA		3" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	120.17	45.56
			<i>For Work In Restricted Working Space, Add</i>	20.50	
22 13 16 00-0568	EA		4" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	178.30	52.98
			<i>For Work In Restricted Working Space, Add</i>	23.84	
22 13 16 00-0569	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	678.13	68.77
			<i>For Work In Restricted Working Space, Add</i>	30.99	
22 13 16 00-0570	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees .....	882.17	92.60
			<i>For Work In Restricted Working Space, Add</i>	41.72	
<b>22 13 16 00-0571</b>			<b>Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees</b> (22 13 16 00-0539)		
22 13 16 00-0572	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	68.04	28.92
			<i>For Work In Restricted Working Space, Add</i>	13.03	
22 13 16 00-0573	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	81.12	31.36
			<i>For Work In Restricted Working Space, Add</i>	14.15	
22 13 16 00-0574	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	66.62	31.36
			<i>For Work In Restricted Working Space, Add</i>	14.15	
22 13 16 00-0575	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	98.48	39.20
			<i>For Work In Restricted Working Space, Add</i>	17.64	
22 13 16 00-0576	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	100.28	41.64
			<i>For Work In Restricted Working Space, Add</i>	18.75	
22 13 16 00-0577	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	119.51	44.07
			<i>For Work In Restricted Working Space, Add</i>	19.87	
22 13 16 00-0578	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	203.89	46.62
			<i>For Work In Restricted Working Space, Add</i>	20.98	
22 13 16 00-0579	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	257.89	50.43
			<i>For Work In Restricted Working Space, Add</i>	22.73	
22 13 16 00-0580	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees .....	651.27	63.47
			<i>For Work In Restricted Working Space, Add</i>	28.61	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0581	EA			8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	2,054.26 35.76	79.35
22 13 16 00-0582	EA			8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	2,124.61 38.15	84.65
<b>22 13 16 00-0583</b>				<b>Polyvinyl Chloride (PVC) DWV Double Sanitary Tees</b> (22 13 16 00-0539)		
22 13 16 00-0584	EA			1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	93.97 15.89	35.28
22 13 16 00-0585	EA			2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	127.84 20.34	45.13
22 13 16 00-0586	EA			3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	259.49 27.34	60.71
22 13 16 00-0587	EA			4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	376.66 31.79	70.56
<b>22 13 16 00-0588</b>				<b>Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees</b> (22 13 16 00-0539)		
22 13 16 00-0589	EA			2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	114.65 18.12	40.27
22 13 16 00-0590	EA			3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	199.49 21.62	47.99
22 13 16 00-0591	EA			3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	230.48 23.84	52.98
22 13 16 00-0592	EA			4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	419.43 26.06	57.85
22 13 16 00-0593	EA			4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	440.22 29.56	65.58
<b>22 13 16 00-0594</b>				<b>Polyvinyl Chloride (PVC) DWV Reducers</b> (22 13 16 00-0539)		
22 13 16 00-0595	EA			2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	45.42 9.06	20.13
22 13 16 00-0596	EA			3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	84.64 10.81	23.95
22 13 16 00-0597	EA			3" x 2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	80.43 11.92	26.49
22 13 16 00-0598	EA			4" x 2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	123.96 13.03	28.92
22 13 16 00-0599	EA			4" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	133.45 14.78	32.84
22 13 16 00-0600	EA			6" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	482.52 17.16	38.14
22 13 16 00-0601	EA			6" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	402.49 18.28	40.58
22 13 16 00-0602	EA			8" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	1,010.10 21.86	48.53
22 13 16 00-0603	EA			8" x 6" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	851.93 24.24	53.83
22 13 16 00-0604	EA			10" x 6" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	1,145.83 28.87	64.10
22 13 16 00-0605	EA			10" x 8" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	895.56 32.45	72.05
<b>22 13 16 00-0606</b>				<b>Polyvinyl Chloride (PVC) DWV P-Traps</b> (22 13 16 00-0539)		
22 13 16 00-0607	EA			1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	66.38 11.92	26.49
22 13 16 00-0608	EA			2" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	87.16 15.26	33.91
22 13 16 00-0609	EA			3" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	249.15 20.50	45.56
22 13 16 00-0610	EA			4" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	510.05 23.84	52.98
22 13 16 00-0611	EA			6" Polyvinyl Chloride (PVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	864.62 30.99	68.77
<b>22 13 16 00-0612</b>				<b>Polyvinyl Chloride (PVC) DWV Closet Flanges</b> (22 13 16 00-0539)		
22 13 16 00-0613	EA			4" Polyvinyl Chloride (PVC) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	104.08 15.89	35.28
22 13 16 00-0614	EA			4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	84.99 14.78	32.84
<b>22 13 16 00-0615</b>				<b>Polyvinyl Chloride (PVC) DWV Wyes</b> (22 13 16 00-0539)		
22 13 16 00-0616	EA			1-1/2" Polyvinyl Chloride (PVC) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	66.96 11.92	26.49
22 13 16 00-0617	EA			2" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	78.23 15.26	33.91
22 13 16 00-0618	EA			3" Polyvinyl Chloride (PVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	130.27 20.50	45.56



**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 13 16 00-0619	EA	4" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	194.84 23.84	52.98
22 13 16 00-0620	EA	6" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	616.05 30.99	68.77
22 13 16 00-0621	EA	8" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	764.25 41.72	92.60
22 13 16 00-0622	EA	10" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	1,005.78 55.62	123.44
<b>22 13 16 00-0623 Polyvinyl Chloride (PVC) DWV Reducing Wyes (22 13 16 00-0539)</b>				
22 13 16 00-0624	EA	2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	92.05 13.03	28.92
22 13 16 00-0625	EA	2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	95.32 14.15	31.36
22 13 16 00-0626	EA	3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	134.47 17.64	39.20
22 13 16 00-0627	EA	3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	110.39 18.75	41.64
22 13 16 00-0628	EA	4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	186.36 19.87	44.07
22 13 16 00-0629	EA	4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	162.61 20.98	46.62
22 13 16 00-0630	EA	4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	183.95 22.73	50.43
22 13 16 00-0631	EA	6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	556.79 27.50	61.03
22 13 16 00-0632	EA	6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	690.27 28.61	63.47
22 13 16 00-0633	EA	8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	655.03 35.76	79.35
22 13 16 00-0634	EA	8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	828.26 38.15	84.65
22 13 16 00-0635	EA	10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	753.80 45.03	99.92
22 13 16 00-0636	EA	10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	941.29 47.41	105.22
22 13 16 00-0637	EA	10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	1,096.59 50.99	113.15
<b>22 13 16 00-0638 Polyvinyl Chloride (PVC) DWV Double Wyes (22 13 16 00-0539)</b>				
22 13 16 00-0639	EA	1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	110.96 15.89	35.28
22 13 16 00-0640	EA	2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	142.33 20.34	45.13
22 13 16 00-0641	EA	3" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	283.65 27.34	60.71
22 13 16 00-0642	EA	4" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	496.27 31.79	70.56
22 13 16 00-0643	EA	6" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	1,021.71 41.32	91.76
22 13 16 00-0644	EA	8" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	1,183.07 55.63	123.54
22 13 16 00-0645	EA	10" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	1,836.94 74.16	164.65
<b>22 13 16 00-0646 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes (22 13 16 00-0539)</b>				
22 13 16 00-0647	EA	2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	128.47 18.12	40.27
22 13 16 00-0648	EA	3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	240.98 21.62	47.99
22 13 16 00-0649	EA	3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	222.80 23.84	52.98
22 13 16 00-0650	EA	4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	320.86 26.06	57.85
22 13 16 00-0651	EA	4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	407.61 29.56	65.58
22 13 16 00-0652	EA	6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	629.47 36.56	81.16
22 13 16 00-0653	EA	8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	736.77 43.70	97.05
22 13 16 00-0654	EA	8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	938.69 48.47	107.65
22 13 16 00-0655	EA	10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	991.53 52.97	117.61
22 13 16 00-0656	EA	10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	1,288.87 57.74	128.20
22 13 16 00-0657	EA	10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	1,559.29 64.89	144.09



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 13 16 00-0658 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0659 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	83.95	26.49
<i>For Work In Restricted Working Space, Add</i>	<i>11.92</i>	
22 13 16 00-0660 EA 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	104.73	33.91
<i>For Work In Restricted Working Space, Add</i>	<i>15.26</i>	
22 13 16 00-0661 EA 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	209.91	45.56
<i>For Work In Restricted Working Space, Add</i>	<i>20.50</i>	
22 13 16 00-0662 EA 4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	373.45	52.98
<i>For Work In Restricted Working Space, Add</i>	<i>23.84</i>	
<b>22 13 16 00-0663 Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0664 EA 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	158.71	31.36
<i>For Work In Restricted Working Space, Add</i>	<i>14.15</i>	
22 13 16 00-0665 EA 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	252.62	39.20
<i>For Work In Restricted Working Space, Add</i>	<i>17.64</i>	
22 13 16 00-0666 EA 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	183.65	41.64
<i>For Work In Restricted Working Space, Add</i>	<i>18.75</i>	
22 13 16 00-0667 EA 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	339.42	46.62
<i>For Work In Restricted Working Space, Add</i>	<i>20.98</i>	
22 13 16 00-0668 EA 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....	367.65	50.43
<i>For Work In Restricted Working Space, Add</i>	<i>22.73</i>	
<b>22 13 16 00-0669 Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0670 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	124.13	35.28
<i>For Work In Restricted Working Space, Add</i>	<i>15.89</i>	
22 13 16 00-0671 EA 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	143.80	45.13
<i>For Work In Restricted Working Space, Add</i>	<i>20.34</i>	
22 13 16 00-0672 EA 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	223.18	60.71
<i>For Work In Restricted Working Space, Add</i>	<i>27.34</i>	
22 13 16 00-0673 EA 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	801.68	70.56
<i>For Work In Restricted Working Space, Add</i>	<i>31.79</i>	
22 13 16 00-0674 EA 6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	2,663.58	91.76
<i>For Work In Restricted Working Space, Add</i>	<i>41.32</i>	
<b>22 13 16 00-0675 Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0676 EA 2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	293.21	40.27
<i>For Work In Restricted Working Space, Add</i>	<i>18.12</i>	
22 13 16 00-0677 EA 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	473.92	52.98
<i>For Work In Restricted Working Space, Add</i>	<i>23.84</i>	
22 13 16 00-0678 EA 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	822.01	57.85
<i>For Work In Restricted Working Space, Add</i>	<i>26.06</i>	
22 13 16 00-0679 EA 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	741.90	65.58
<i>For Work In Restricted Working Space, Add</i>	<i>29.56</i>	
22 13 16 00-0680 EA 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....	1,771.99	81.16
<i>For Work In Restricted Working Space, Add</i>	<i>36.56</i>	
<b>22 13 16 00-0681 Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0682 EA 2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	180.45	33.91
<i>For Work In Restricted Working Space, Add</i>	<i>15.26</i>	
22 13 16 00-0683 EA 3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	315.93	45.56
<i>For Work In Restricted Working Space, Add</i>	<i>20.50</i>	
22 13 16 00-0684 EA 4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	510.13	52.98
<i>For Work In Restricted Working Space, Add</i>	<i>23.84</i>	
22 13 16 00-0685 EA 6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	1,354.68	68.77
<i>For Work In Restricted Working Space, Add</i>	<i>30.99</i>	
22 13 16 00-0686 EA 8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	1,697.10	92.60
<i>For Work In Restricted Working Space, Add</i>	<i>41.72</i>	
22 13 16 00-0687 EA 10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....	2,252.01	123.44
<i>For Work In Restricted Working Space, Add</i>	<i>55.62</i>	
<b>22 13 16 00-0688 Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug</b> <small>(22 13 16 00-0539)</small>		
22 13 16 00-0689 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	48.89	17.69
<i>For Work In Restricted Working Space, Add</i>	<i>7.95</i>	
22 13 16 00-0690 EA 2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	70.07	22.57
<i>For Work In Restricted Working Space, Add</i>	<i>10.17</i>	
22 13 16 00-0691 EA 3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	101.20	30.30
<i>For Work In Restricted Working Space, Add</i>	<i>13.67</i>	
22 13 16 00-0692 EA 4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	183.72	35.28
<i>For Work In Restricted Working Space, Add</i>	<i>15.89</i>	
22 13 16 00-0693 EA 6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	427.72	45.88
<i>For Work In Restricted Working Space, Add</i>	<i>20.66</i>	
22 13 16 00-0694 EA 8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	967.73	61.78
<i>For Work In Restricted Working Space, Add</i>	<i>27.81</i>	
22 13 16 00-0695 EA 10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....	1,788.11	82.33
<i>For Work In Restricted Working Space, Add</i>	<i>37.06</i>	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>22 13 16 00-0696</b>	<b>Polyvinyl Chloride (PVC) Couplings</b> (22 13 16 00-0539)		
22 13 16 00-0697	EA 1-1/2" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	33.13 7.95	17.69
22 13 16 00-0698	EA 2" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	41.38 10.17	22.57
22 13 16 00-0699	EA 3" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	64.64 13.67	30.30
22 13 16 00-0700	EA 4" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	84.34 15.89	35.28
22 13 16 00-0701	EA 6" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	241.95 20.66	45.88
22 13 16 00-0702	EA 8" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	592.70 27.81	61.78
22 13 16 00-0703	EA 10" Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	898.40 37.08	82.33
<b>22 13 16 00-0704</b>	<b>Polyvinyl Chloride (PVC) Male Adapters</b> (22 13 16 00-0539)		
22 13 16 00-0705	EA 1-1/2" Polyvinyl Chloride (PVC) Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	19.97 3.98	8.79
22 13 16 00-0706	EA 2" Polyvinyl Chloride (PVC) Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	33.48 5.09	11.33
22 13 16 00-0707	EA 3" Polyvinyl Chloride (PVC) Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	68.61 6.83	15.15
22 13 16 00-0708	EA 4" Polyvinyl Chloride (PVC) Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	131.53 7.95	17.69
<b>22 13 16 00-0709</b>	<b>Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe</b> (22 13 16 00-0504)		
	Note: In place piping.		
22 13 16 00-0710	EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	7.76	
22 13 16 00-0711	EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	8.55	
22 13 16 00-0712	EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	10.87	
22 13 16 00-0713	EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	14.67	
22 13 16 00-0714	EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	20.96	
22 13 16 00-0715	EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	27.96	
22 13 16 00-0716	EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	34.18	
<b>22 13 16 00-0717</b>	<b>Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings</b> (22 13 16)		
	Note: Aboveground installation.		
<b>22 13 16 00-0718</b>	<b>Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies</b> (22 13 16 00-0717)		
	Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0719	LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... <i>For Work In Restricted Working Space, Add</i>	28.43 6.10	4.45
22 13 16 00-0720	LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... <i>For Work In Restricted Working Space, Add</i>	31.62 6.75	5.30
22 13 16 00-0721	LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... <i>For Work In Restricted Working Space, Add</i>	44.48 8.39	7.63
22 13 16 00-0722	LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... <i>For Work In Restricted Working Space, Add</i>	51.78 9.31	8.26
22 13 16 00-0723	LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly ..... <i>For Work In Restricted Working Space, Add</i>	91.27 12.39	10.60
<b>22 13 16 00-0724</b>	<b>Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628)</b> (22 13 16 00-0717)		
	Note: Excludes fittings or hangers.		
22 13 16 00-0725	LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	10.04 1.99	4.45
22 13 16 00-0726	LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	12.54 2.38	5.30
22 13 16 00-0727	LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	20.88 3.42	7.63
22 13 16 00-0728	LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe ..... <i>For Work In Restricted Working Space, Add</i>	25.94 3.71	8.26



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0729	LF		6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	43.55 4.76	10.60
<b>22 13 16 00-0730</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661)</b> (22 13 16 00-0717)		
<b>22 13 16 00-0731</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends</b> (22 13 16 00-0730)		
22 13 16 00-0732	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	41.03 7.95	17.69
22 13 16 00-0733	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	54.65 10.17	22.57
22 13 16 00-0734	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	109.57 13.67	30.30
22 13 16 00-0735	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	178.40 15.89	35.28
22 13 16 00-0736	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	536.98 20.66	45.88
<b>22 13 16 00-0737</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends</b> (22 13 16 00-0730)		
22 13 16 00-0738	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	61.14 7.95	17.69
22 13 16 00-0739	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	74.31 10.17	22.57
22 13 16 00-0740	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	158.37 13.67	30.30
22 13 16 00-0741	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	275.49 15.89	35.28
<b>22 13 16 00-0742</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends</b> (22 13 16 00-0730)		
22 13 16 00-0743	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	43.76 7.95	17.69
22 13 16 00-0744	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	52.75 10.17	22.57
22 13 16 00-0745	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	99.56 13.67	30.30
22 13 16 00-0746	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	159.93 15.89	35.28
22 13 16 00-0747	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	556.47 20.66	45.88
<b>22 13 16 00-0748</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees</b> (22 13 16 00-0730)		
22 13 16 00-0749	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	64.49 11.92	26.49
22 13 16 00-0750	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	88.07 15.26	33.91
22 13 16 00-0751	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	163.19 20.50	45.56
22 13 16 00-0752	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	261.71 23.84	52.98
22 13 16 00-0753	EA		6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	1,091.14 30.99	68.77
<b>22 13 16 00-0754</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees</b> (22 13 16 00-0730)		
22 13 16 00-0755	EA		2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	82.93 13.03	28.92
22 13 16 00-0756	EA		2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	102.60 14.15	31.36
22 13 16 00-0757	EA		2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	82.83 14.15	31.36
22 13 16 00-0758	EA		3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	131.25 17.64	39.20
22 13 16 00-0759	EA		3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	135.62 18.75	41.64
22 13 16 00-0760	EA		4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	328.89 19.87	44.07
22 13 16 00-0761	EA		4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	315.12 20.98	46.62
22 13 16 00-0762	EA		4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	363.28 22.73	50.43
22 13 16 00-0763	EA		6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	1,199.82 28.61	63.47
<b>22 13 16 00-0764</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees</b> (22 13 16 00-0730)		
22 13 16 00-0765	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	128.21 15.89	35.28

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 13 16 00-0766	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	177.57	45.13
		<i>For Work In Restricted Working Space, Add</i>		20.34	
22 13 16 00-0767	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	399.44	60.71
		<i>For Work In Restricted Working Space, Add</i>		27.34	
22 13 16 00-0768	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	600.11	70.56
		<i>For Work In Restricted Working Space, Add</i>		31.79	
<b>22 13 16 00-0769</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees</b>			
		<small>(22 13 16 00-0730)</small>			
22 13 16 00-0770	EA	2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	145.72	40.27
		<i>For Work In Restricted Working Space, Add</i>		18.12	
22 13 16 00-0771	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	229.19	47.99
		<i>For Work In Restricted Working Space, Add</i>		21.62	
22 13 16 00-0772	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	265.40	52.98
		<i>For Work In Restricted Working Space, Add</i>		23.84	
22 13 16 00-0773	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	496.43	57.88
		<i>For Work In Restricted Working Space, Add</i>		26.08	
22 13 16 00-0774	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees	.....	519.39	65.62
		<i>For Work In Restricted Working Space, Add</i>		29.57	
<b>22 13 16 00-0775</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Wyes</b>			
		<small>(22 13 16 00-0730)</small>			
22 13 16 00-0776	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	.....	89.59	26.49
		<i>For Work In Restricted Working Space, Add</i>		11.92	
22 13 16 00-0777	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	.....	102.04	33.91
		<i>For Work In Restricted Working Space, Add</i>		15.26	
22 13 16 00-0778	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	.....	181.64	45.56
		<i>For Work In Restricted Working Space, Add</i>		20.50	
22 13 16 00-0779	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	.....	290.55	52.98
		<i>For Work In Restricted Working Space, Add</i>		23.84	
22 13 16 00-0780	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes	.....	877.85	68.77
		<i>For Work In Restricted Working Space, Add</i>		30.99	
<b>22 13 16 00-0781</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes</b>			
		<small>(22 13 16 00-0730)</small>			
22 13 16 00-0782	EA	2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	132.40	28.92
		<i>For Work In Restricted Working Space, Add</i>		13.03	
22 13 16 00-0783	EA	2" x 2" X 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	135.20	31.36
		<i>For Work In Restricted Working Space, Add</i>		14.15	
22 13 16 00-0784	EA	3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	150.56	41.64
		<i>For Work In Restricted Working Space, Add</i>		18.75	
22 13 16 00-0785	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	239.53	46.62
		<i>For Work In Restricted Working Space, Add</i>		20.98	
22 13 16 00-0786	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	273.90	50.43
		<i>For Work In Restricted Working Space, Add</i>		22.73	
22 13 16 00-0787	EA	6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes	.....	735.29	63.47
		<i>For Work In Restricted Working Space, Add</i>		28.61	
<b>22 13 16 00-0788</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes</b>			
		<small>(22 13 16 00-0730)</small>			
22 13 16 00-0789	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	159.02	35.28
		<i>For Work In Restricted Working Space, Add</i>		15.89	
22 13 16 00-0790	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	204.21	45.13
		<i>For Work In Restricted Working Space, Add</i>		20.34	
22 13 16 00-0791	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	443.74	60.71
		<i>For Work In Restricted Working Space, Add</i>		27.34	
22 13 16 00-0792	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	820.26	70.56
		<i>For Work In Restricted Working Space, Add</i>		31.79	
<b>22 13 16 00-0793</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes</b>			
		<small>0730</small>			
22 13 16 00-0794	EA	2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	184.97	40.27
		<i>For Work In Restricted Working Space, Add</i>		18.12	
22 13 16 00-0795	EA	3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	320.78	47.99
		<i>For Work In Restricted Working Space, Add</i>		21.62	
22 13 16 00-0796	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	341.26	52.98
		<i>For Work In Restricted Working Space, Add</i>		23.84	
22 13 16 00-0797	EA	4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	515.15	57.85
		<i>For Work In Restricted Working Space, Add</i>		26.06	
22 13 16 00-0798	EA	4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes	.....	664.24	65.58
		<i>For Work In Restricted Working Space, Add</i>		29.56	
<b>22 13 16 00-0799</b>		<b>Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend</b>			
		<small>(22 13 16 00-0730)</small>			
22 13 16 00-0800	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	.....	119.37	26.49
		<i>For Work In Restricted Working Space, Add</i>		11.92	
22 13 16 00-0801	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends	.....	154.35	33.91
		<i>For Work In Restricted Working Space, Add</i>		15.26	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0802 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	238.88 20.50	45.56
22 13 16 00-0803 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	414.28 23.85	53.00
<b>22 13 16 00-0804 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0805 EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	130.97 14.15	31.36
22 13 16 00-0806 EA 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	257.27 17.64	39.20
22 13 16 00-0807 EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	186.54 18.75	41.64
22 13 16 00-0808 EA 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	346.20 20.98	46.62
22 13 16 00-0809 EA 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	374.92 22.73	50.43
<b>22 13 16 00-0810 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0811 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	255.19 20.34	45.13
22 13 16 00-0812 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	523.29 27.34	60.71
<b>22 13 16 00-0813 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0814 EA 2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	211.18 18.12	40.27
22 13 16 00-0815 EA 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	504.27 23.84	52.98
<b>22 13 16 00-0816 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0817 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	133.40 11.92	26.49
22 13 16 00-0818 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	168.38 15.26	33.91
22 13 16 00-0819 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	270.23 20.50	45.56
22 13 16 00-0820 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	456.86 23.84	52.98
<b>22 13 16 00-0821 Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0822 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	58.60 7.95	17.69
22 13 16 00-0823 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	85.74 10.17	22.57
22 13 16 00-0824 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	125.20 13.67	30.30
22 13 16 00-0825 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	240.48 15.89	35.28
22 13 16 00-0826 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	583.62 20.66	45.88
<b>22 13 16 00-0827 Acrylonitrile Butadiene Styrene (ABS) DWV Couplings</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0828 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	37.56 7.95	17.69
22 13 16 00-0829 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	45.58 10.17	22.57
22 13 16 00-0830 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	77.31 13.67	30.30
22 13 16 00-0831 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	105.32 15.89	35.28
22 13 16 00-0832 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	327.58 20.66	45.88
<b>22 13 16 00-0833 Acrylonitrile Butadiene Styrene (ABS) DWV Reducers</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0834 EA 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	58.25 9.06	20.13
22 13 16 00-0835 EA 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	124.99 10.81	23.95
22 13 16 00-0836 EA 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	114.32 11.92	26.49



**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0837	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	190.57 13.03	28.92
22 13 16 00-0838	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	203.21 14.78	32.84
<b>22 13 16 00-0839</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0840	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	94.13 11.92	26.49
22 13 16 00-0841	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	138.90 15.26	33.91
22 13 16 00-0842	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	471.64 20.50	45.56
22 13 16 00-0843	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	905.72 23.84	52.98
<b>22 13 16 00-0844</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0845	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	128.93 15.89	35.28
22 13 16 00-0846	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges ..... <i>For Work In Restricted Working Space, Add</i>	120.51 14.78	32.84
<b>22 13 16 00-0847</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0848	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	27.37 3.98	8.79
22 13 16 00-0849	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	41.99 5.09	11.33
22 13 16 00-0850	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	95.71 6.83	15.15
22 13 16 00-0851	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters ..... <i>For Work In Restricted Working Space, Add</i>	187.83 7.95	17.69
<b>22 13 16 00-0852</b>			<b>Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0853	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	41.86 9.06	20.13
22 13 16 00-0854	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	98.98 10.81	23.95
22 13 16 00-0855	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	79.73 11.92	26.49
22 13 16 00-0856	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	188.55 13.03	28.92
22 13 16 00-0857	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	133.36 14.78	32.84
22 13 16 00-0858	EA		6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	390.68 18.29	40.60
<b>22 13 16 00-0859</b>			<b>Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings</b> <small>(22 13 16 00-0730)</small>		
22 13 16 00-0860	EA		1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling ..... <i>For Work In Restricted Working Space, Add</i>	136.30 7.95	17.69
22 13 16 00-0861	EA		2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling ..... <i>For Work In Restricted Working Space, Add</i>	151.04 10.17	22.57
22 13 16 00-0862	EA		3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling ..... <i>For Work In Restricted Working Space, Add</i>	170.01 13.67	30.30
22 13 16 00-0863	EA		4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling ..... <i>For Work In Restricted Working Space, Add</i>	184.75 15.89	35.28
<b>22 13 16 00-0864</b>			<b>Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe</b> <small>(22 13 16 00-0717)</small>		
			Note: In place piping.		
22 13 16 00-0865	EA		1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.76 2.76	
22 13 16 00-0866	EA		2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	8.55 2.76	
22 13 16 00-0867	EA		3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	10.87 2.76	
22 13 16 00-0868	EA		4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	14.67 2.93	
22 13 16 00-0869	EA		6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	20.96 2.93	
<b>22 13 16 00-0870</b>			<b>Elastomeric Flexible Pipe Couplings</b> <small>(22 13 16)</small>		
<b>22 13 16 00-0871</b>			<b>Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings</b> <small>(22 13 16 00-0870)</small>		
			Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0872	EA		1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125) ..... <i>For Work In Restricted Working Space, Add</i>	13.40 2.76	4.60
22 13 16 00-0873	EA		1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) ..... <i>For Work In Restricted Working Space, Add</i>	14.44 2.93	4.89



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0874 EA 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22) ..... <i>For Work In Restricted Working Space, Add</i>	15.18 3.11	5.18
22 13 16 00-0875 EA 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33) ..... <i>For Work In Restricted Working Space, Add</i>	17.47 3.28	5.47
22 13 16 00-0876 EA 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44) ..... <i>For Work In Restricted Working Space, Add</i>	19.68 3.45	5.75
22 13 16 00-0877 EA 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55) ..... <i>For Work In Restricted Working Space, Add</i>	24.89 3.62	6.04
22 13 16 00-0878 EA 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66) ..... <i>For Work In Restricted Working Space, Add</i>	30.14 3.80	6.32
22 13 16 00-0879 EA 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88) ..... <i>For Work In Restricted Working Space, Add</i>	40.70 4.14	6.91
22 13 16 00-0880 EA 10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010) ..... <i>For Work In Restricted Working Space, Add</i>	53.49 4.83	8.06
<b>22 13 16 00-0881 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings</b> <small>(22 13 16 00-0870)</small> Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0882 EA 1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125) ..... <i>For Work In Restricted Working Space, Add</i>	14.27 2.93	4.89
22 13 16 00-0883 EA 2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215) ..... <i>For Work In Restricted Working Space, Add</i>	15.46 3.11	5.18
22 13 16 00-0884 EA 3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315) ..... <i>For Work In Restricted Working Space, Add</i>	18.82 3.28	5.47
22 13 16 00-0885 EA 3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32) ..... <i>For Work In Restricted Working Space, Add</i>	16.98 3.28	5.47
22 13 16 00-0886 EA 4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415) ..... <i>For Work In Restricted Working Space, Add</i>	23.00 3.45	5.75
22 13 16 00-0887 EA 4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42) ..... <i>For Work In Restricted Working Space, Add</i>	22.06 3.45	5.75
22 13 16 00-0888 EA 4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43) ..... <i>For Work In Restricted Working Space, Add</i>	20.31 3.45	5.75
22 13 16 00-0889 EA 5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53) ..... <i>For Work In Restricted Working Space, Add</i>	28.99 3.62	6.04
22 13 16 00-0890 EA 5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54) ..... <i>For Work In Restricted Working Space, Add</i>	26.32 3.62	6.04
22 13 16 00-0891 EA 6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63) ..... <i>For Work In Restricted Working Space, Add</i>	35.66 3.80	6.32
22 13 16 00-0892 EA 6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64) ..... <i>For Work In Restricted Working Space, Add</i>	31.66 3.80	6.32
22 13 16 00-0893 EA 6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65) ..... <i>For Work In Restricted Working Space, Add</i>	32.78 3.80	6.32
22 13 16 00-0894 EA 8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84) ..... <i>For Work In Restricted Working Space, Add</i>	64.16 6.90	11.51
22 13 16 00-0895 EA 8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86) ..... <i>For Work In Restricted Working Space, Add</i>	53.07 6.90	11.51
22 13 16 00-0896 EA 10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8) ..... <i>For Work In Restricted Working Space, Add</i>	66.83 7.77	12.94
<b>22 13 16 00-0897 Elastomeric Flexible Expansion Joint Couplings (Fernco XJ)</b> <small>(22 13 16)</small> Note: Includes stainless steel clamps.		
22 13 16 00-0898 EA 1-1/2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-150).....	28.65	4.89
22 13 16 00-0899 EA 2" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-2).....	31.82	5.18
22 13 16 00-0900 EA 3" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-3).....	34.16	5.47
22 13 16 00-0901 EA 4" Elastomeric Flexible Expansion Joint Coupling (Fernco XJ-4).....	40.72	5.75
<b>22 13 16 00-0902 Elastomeric Flexible Pipe Caps (Fernco QC)</b> <small>(22 13 16)</small> Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.		
22 13 16 00-0903 EA 1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101).....	50.49	31.06
22 13 16 00-0904 EA 2" Elastomeric Flexible Pipe Cap (Fernco QC-102).....	54.12	33.02
22 13 16 00-0905 EA 3" Elastomeric Flexible Pipe Cap (Fernco QC-103).....	62.64	37.85
22 13 16 00-0906 EA 4" Elastomeric Flexible Pipe Cap (Fernco QC-104).....	82.66	50.05
22 13 16 00-0907 EA 5" Elastomeric Flexible Pipe Cap (Fernco QC-105).....	99.06	59.83
22 13 16 00-0908 EA 6" Elastomeric Flexible Pipe Cap (Fernco QC-106).....	114.29	69.04
22 13 16 00-0909 EA 8" Elastomeric Flexible Pipe Cap (Fernco QC-108).....	152.87	87.44
22 13 16 00-0910 EA 10" Elastomeric Flexible Pipe Cap (Fernco QC-110).....	187.13	97.80
22 13 16 00-0911 EA 12" Elastomeric Flexible Pipe Cap (Fernco QC-112).....	235.49	108.73
<b>22 13 16 00-0912 Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series)</b> <small>(22 13 16)</small>		
22 13 16 00-0913 EA 1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	97.50	23.84
22 13 16 00-0914 EA 2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	102.80	26.49
22 13 16 00-0915 EA 3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	154.28	34.43
22 13 16 00-0916 EA 4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	180.90	39.73
22 13 16 00-0917 EA 5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	211.05	45.03
22 13 16 00-0918 EA 6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess .....	356.87	50.33

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**22 13 16 00-0919 Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess****(Josam 26440 Series)** (22 13 16)

22 13 16 00-0920	EA	1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	203.19	23.84
22 13 16 00-0921	EA	2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	208.49	26.49
22 13 16 00-0922	EA	3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	247.63	34.43
22 13 16 00-0923	EA	4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	310.05	39.73
22 13 16 00-0924	EA	5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	424.32	45.03
22 13 16 00-0925	EA	6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess .....	434.91	50.33

**22 13 16 00-0926 Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series)** (22 13 16)

Note: Includes counterflashing collar, deep protective hood and recessed securing screws.

22 13 16 00-0927	EA	1-1/2" Cast Iron Vandal Proof Hooded Vent Cap .....	389.06	23.84
22 13 16 00-0928	EA	2" Cast Iron Vandal Proof Hooded Vent Cap .....	394.36	26.49
22 13 16 00-0929	EA	3" Cast Iron Vandal Proof Hooded Vent Cap .....	452.92	34.43
22 13 16 00-0930	EA	4" Cast Iron Vandal Proof Hooded Vent Cap .....	509.75	39.73
22 13 16 00-0931	EA	5" Cast Iron Vandal Proof Hooded Vent Cap .....	595.03	45.03
22 13 16 00-0932	EA	6" Cast Iron Vandal Proof Hooded Vent Cap .....	650.07	50.33

**22 13 19 Sanitary Waste Piping Specialties** (22 13)**22 13 19 13 Sanitary Drains** (22 13 19)**22 13 19 13-0001 Round Top Floor Drains** (22 13 19 13)

22 13 19 13-0002	EA	Bronze Top, 6" Round Top Floor Drain With 2" Outlet.....	880.06	127.67
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0003	EA	Bronze Top, 6" Round Top Floor Drain With 3" Outlet.....	856.02	141.23
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0004	EA	Bronze Top, 6" Round Top Floor Drain With 4" Outlet.....	885.11	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0005	EA	6" Round Top Floor Drain With 6" Outlet, Bronze Top.....	920.72	155.86
22 13 19 13-0006	EA	Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet.....	802.36	127.67
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
22 13 19 13-0007	EA	Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet.....	829.59	141.23
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
22 13 19 13-0008	EA	Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet.....	858.68	155.86
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
22 13 19 13-0009	EA	Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet .....	1,346.77	127.67
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
22 13 19 13-0010	EA	Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet .....	1,374.00	141.23
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
22 13 19 13-0011	EA	Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet .....	1,403.09	155.86
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	48.00	
		<i>For Cast Iron Dome Grate, Add</i>	17.00	
		<i>For Nikaloy Dome Grate, Add</i>	178.50	
		<i>For Bronze Dome Grate, Add</i>	143.00	
		<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
		<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0012 EA Bronze Top, 9" Round Top Floor Drain With 2" Outlet.....	1,267.48	127.67
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
22 13 19 13-0013 EA Bronze Top, 9" Round Top Floor Drain With 3" Outlet.....	1,294.56	141.23
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
22 13 19 13-0014 EA Bronze Top, 9" Round Top Floor Drain With 4" Outlet.....	1,323.80	155.86
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	48.00	
For Cast Iron Dome Grate, Add	17.00	
For Nikaloy Dome Grate, Add	178.50	
For Bronze Dome Grate, Add	143.00	
For Cast Iron Extension Collar, Each 3" (76 mm), Add	57.50	
For Galvanized Extension Collar, Each 3", Add	117.50	
22 13 19 13-0015 EA Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet .....	1,394.22	127.57
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
22 13 19 13-0016 EA Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet .....	1,421.42	141.23
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
22 13 19 13-0017 EA Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet .....	1,450.66	155.86
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
22 13 19 13-0018 EA Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet.....	2,208.18	127.57
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	
22 13 19 13-0019 EA Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet.....	2,235.38	141.23
For Vandal Proof Screws, Add	30.50	
For Ductile Iron Grate, Add	53.00	
For Cast Iron Dome Grate, Add	28.00	
For Nikaloy Dome Grate, Add	255.00	
For Bronze Dome Grate, Add	218.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Galvanized Cast Iron Parts, Add	132.00	
For Primer Tap, Add	33.50	
For Chained Grate, Add	48.50	

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

22 13 19 13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,264.62	155.86
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	53.00	
		<i>For Cast Iron Dome Grate, Add</i>	28.00	
		<i>For Nikaloy Dome Grate, Add</i>	255.00	
		<i>For Bronze Dome Grate, Add</i>	218.50	
		<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
		<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
		<i>For Primer Tap, Add</i>	33.50	
		<i>For Chained Grate, Add</i>	48.50	
22 13 19 13-0021	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,099.83	127.57
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	53.00	
		<i>For Cast Iron Dome Grate, Add</i>	28.00	
		<i>For Nikaloy Dome Grate, Add</i>	255.00	
		<i>For Bronze Dome Grate, Add</i>	218.50	
		<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
		<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
		<i>For Primer Tap, Add</i>	33.50	
		<i>For Chained Grate, Add</i>	48.50	
22 13 19 13-0022	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,127.03	141.23
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	53.00	
		<i>For Cast Iron Dome Grate, Add</i>	28.00	
		<i>For Nikaloy Dome Grate, Add</i>	255.00	
		<i>For Bronze Dome Grate, Add</i>	218.50	
		<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
		<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
		<i>For Primer Tap, Add</i>	33.50	
		<i>For Chained Grate, Add</i>	48.50	
22 13 19 13-0023	EA	Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,156.27	155.86
		<i>For Vandal Proof Screws, Add</i>	30.50	
		<i>For Ductile Iron Grate, Add</i>	53.00	
		<i>For Cast Iron Dome Grate, Add</i>	28.00	
		<i>For Nikaloy Dome Grate, Add</i>	255.00	
		<i>For Bronze Dome Grate, Add</i>	218.50	
		<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
		<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
		<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
		<i>For Primer Tap, Add</i>	33.50	
		<i>For Chained Grate, Add</i>	48.50	
22 13 19 13-0024	EA	Flashing Ring And Round Chrome Plated Top And Strainer, 5" Round, Top Floor Drain With 2" Outlet	1,344.42	158.46

**22 13 19 13-0025 Square Or Rectangular Top Drains** (22 13 19 13)

22 13 19 13-0026	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top	952.88	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0027	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top	980.38	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0028	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,009.32	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0029	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,032.16	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0030	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,059.66	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0031	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,088.60	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0032	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top	1,381.00	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0033	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top	1,408.50	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0034	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top	1,437.44	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0035	EA	5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top	894.74	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0036	EA	5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top	922.24	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0037	EA	5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top	951.18	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0038	EA	6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top	995.16	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0039	EA	6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top	1,022.66	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0040	EA	6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top	1,051.60	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0041	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top	1,277.93	127.57
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0042	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top	1,305.43	141.34
		<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0043	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top	1,334.37	155.86
		<i>For Vandal Proof Screws, Add</i>	11.00	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0044 EA 12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top .....	3,345.64	141.34
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0045 EA 12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top .....	3,374.58	155.86
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0046 EA 12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top .....	4,207.17	141.34
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0047 EA 12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top .....	4,236.11	155.86
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0048 EA 12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top .....	4,104.11	141.34
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0049 EA 12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top .....	4,133.05	155.86
For Chained Grate, Add	48.50	
For No-Hub Side Outlet, Add	76.00	
22 13 19 13-0050 EA 5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top .....	1,402.14	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0051 EA 5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top .....	1,429.64	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0052 EA 5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top .....	1,458.58	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0053 EA 5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top .....	1,811.77	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0054 EA 5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top .....	1,839.27	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0055 EA 5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top .....	1,868.21	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0056 EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top .....	1,906.91	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0057 EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top .....	1,934.41	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0058 EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top .....	1,963.35	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0059 EA 5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top .....	2,644.24	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0060 EA 5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top .....	2,671.74	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0061 EA 5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top .....	2,700.68	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0062 EA 5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top .....	1,317.58	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0063 EA 5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top .....	1,345.08	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0064 EA 5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top .....	1,374.02	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0065 EA 5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top .....	1,666.42	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0066 EA 5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top .....	1,693.92	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0067 EA 5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top .....	1,722.86	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0068 EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top .....	1,761.56	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0069 EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top .....	1,789.06	141.34
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0070 EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top .....	1,818.00	155.86
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	
22 13 19 13-0071 EA 5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top .....	2,361.46	127.57
For Vandal Proof Screws, Add	11.00	
For Rough Bronze Body, Add	120.94	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0072	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top .....	2,388.96	141.34
			<i>For Vandal Proof Screws, Add</i>	11.00	
			<i>For Rough Bronze Body, Add</i>	120.94	
22 13 19 13-0073	EA		5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top .....	2,417.90	155.86
			<i>For Vandal Proof Screws, Add</i>	11.00	
			<i>For Rough Bronze Body, Add</i>	120.94	
<b>22 13 19 13-0074</b>			<b>Funnel Type Floor Drains</b> <small>(22 13 19 13)</small>		
22 13 19 13-0075	EA		7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top .....	1,324.60	113.90
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0076	EA		7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top .....	1,351.93	127.57
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0077	EA		7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top .....	1,379.13	141.23
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0078	EA		7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top .....	1,408.37	155.86
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0079	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top .....	1,946.55	127.57
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0080	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top .....	1,973.75	141.23
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0081	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top .....	2,002.99	155.86
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0082	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top .....	1,843.48	127.57
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0083	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top .....	1,870.68	141.23
			<i>For Vandal Proof Screws, Add</i>	11.00	
22 13 19 13-0084	EA		7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top .....	1,899.92	155.86
			<i>For Vandal Proof Screws, Add</i>	11.00	
<b>22 13 19 13-0085</b>			<b>Floor Drain With Sediment Bucket Bottom Outlet</b> <small>(22 13 19 13)</small>		
22 13 19 13-0086	EA		12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap .....	2,836.15	113.90
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0087	EA		12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap .....	2,863.58	127.57
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0088	EA		12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap .....	2,890.78	141.23
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0089	EA		12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap .....	2,920.02	155.86
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0090	EA		12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap .....	2,950.18	170.90
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0091	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate .....	3,064.43	127.57
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0092	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate .....	3,091.93	141.34
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0093	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate .....	3,120.87	155.86
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0094	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Loose-Set Cast Iron Grate .....	3,151.03	170.90
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0095	EA		12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate .....	1,872.55	127.57
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0096 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate .....	1,900.05	141.34
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0097 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate .....	1,928.99	155.86
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0098 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Loose-Set Cast Iron Grate .....	1,959.15	170.90
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0099 EA 12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate .....	2,858.30	127.57
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0100 EA 12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate .....	2,885.80	141.34
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0101 EA 12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate .....	2,914.74	155.86
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0102 EA 12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy-Duty Loose-Set Cast Iron Grate .....	2,944.90	170.90
<i>For Vandal Proof Screws, Add</i>	29.50	
<i>For Primer Tap, Add</i>	31.00	
<i>For Aluminum Bucket, Add</i>	77.50	
<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
<b>22 13 19 13-0103 Other Drains</b> <small>(22 13 19 13)</small>		
<b>22 13 19 13-0104 Shower Drains</b> <small>(22 13 19 13-0103)</small>		
22 13 19 13-0105 EA 4-1/4" Stainless Steel Shower Drain Strainer .....	52.00	11.51
Note: Includes two 2-5/8" screws.		
22 13 19 13-0106 EA 4-1/4" Brass Shower Drain Strainer .....	58.07	11.51
Note: Includes two 2-5/8" screws.		
22 13 19 13-0107 EA 4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe .....	119.09	23.01
Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.		
22 13 19 13-0108 EA 4" Chrome Finish, Threaded Brass Shower Drain And Gasket .....	154.00	23.01
Note: For 2" pipe. Kohler K-9132.		
<b>22 13 19 13-0109 Acid Resistant Floor Drains</b> <small>(22 13 19 13-0103)</small>		
22 13 19 13-0110 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top .....	1,335.07	113.90
<i>For Vandal Proof Screws, Add</i>	30.50	
<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0111 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top .....	1,362.50	127.57
<i>For Vandal Proof Screws, Add</i>	30.50	
<i>For Primer Tap, Add</i>	33.50	
22 13 19 13-0112 EA 9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top .....	1,389.70	141.23
<i>For Vandal Proof Screws, Add</i>	30.50	
<i>For Primer Tap, Add</i>	33.50	
<b>22 13 19 13-0113 Rotary And Lever Drains</b> <small>(22 13 19 13-0103)</small>		
22 13 19 13-0114 EA 1-1/2" Drain, 3" Sink Opening Lever Drain .....	268.92	76.82
22 13 19 13-0115 EA 2" Drain, 3" Sink Opening Lever Drain .....	284.81	84.76
22 13 19 13-0116 EA 1-1/2" Drain, 3-1/2" Sink Opening Lever Drain .....	268.92	76.82
22 13 19 13-0117 EA 2" Drain, 3-1/2" Sink Opening Lever Drain .....	284.81	84.76
22 13 19 13-0118 EA 1-1/2" Drain, 3" Sink Opening Twist Drain .....	268.92	76.82
22 13 19 13-0119 EA 2" Drain, 3" Sink Opening Twist Drain .....	284.81	84.76
22 13 19 13-0120 EA 1-1/2" Drain, 3-1/2" Sink Opening Twist Drain .....	268.92	76.82
22 13 19 13-0121 EA 2" Drain, 3-1/2" Sink Opening Twist Drain .....	284.81	84.76
22 13 19 13-0122 EA 1-1/2" To 2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100) .....	373.76	84.76
<b>22 13 19 13-0123 Floor Receptor</b> <small>(22 13 19 13)</small>		

**22 Plumbing****22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0124			<b>9" Diameter Round Shallow Receptor</b> <small>(22 13 19 13-0123)</small> Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0125	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection ..... 1,640.16 <i>For Flange With Seepage Holes, Add</i> 58.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 97.00 <i>For Trap Primer Connection, Add</i> 38.00 <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 33.50 <i>For White Acid Resistant Bucket, Add</i> 47.00 <i>For Stainless Steel Liner For Bucket, Add</i> 62.50	1,640.16	127.67
22 13 19 13-0126	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection ..... 1,667.79 <i>For Flange With Seepage Holes, Add</i> 58.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 97.00 <i>For Trap Primer Connection, Add</i> 38.00 <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 33.50 <i>For White Acid Resistant Bucket, Add</i> 47.00 <i>For Stainless Steel Liner For Bucket, Add</i> 62.50	1,667.79	141.45
22 13 19 13-0127	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection ..... 1,696.43 <i>For Flange With Seepage Holes, Add</i> 58.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 97.00 <i>For Trap Primer Connection, Add</i> 38.00 <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 33.50 <i>For White Acid Resistant Bucket, Add</i> 47.00 <i>For Stainless Steel Liner For Bucket, Add</i> 62.50	1,696.43	155.86
22 13 19 13-0128			<b>Square Top Floor Receptors</b> <small>(22 13 19 13-0123)</small> Note: With acid resistant coating.		
22 13 19 13-0129	EA		8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top ..... 1,940.36 <i>For Flange With Seepage Holes, Add</i> 37.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 69.00 <i>For Trap Primer Connection, Add</i> 39.50 <i>For Full Grate With 2" Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 15.50 <i>For White Acid Resistant Bucket, Add</i> 88.00 <i>For Stainless Steel Liner For Bucket, Add</i> 97.00	1,940.36	113.90
22 13 19 13-0130	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top ..... 1,967.81 <i>For Flange With Seepage Holes, Add</i> 37.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 69.00 <i>For Trap Primer Connection, Add</i> 39.50 <i>For Full Grate With 2" Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 15.50 <i>For White Acid Resistant Bucket, Add</i> 88.00 <i>For Stainless Steel Liner For Bucket, Add</i> 97.00	1,967.81	127.67
22 13 19 13-0131	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top ..... 1,994.89 <i>For Flange With Seepage Holes, Add</i> 37.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 69.00 <i>For Trap Primer Connection, Add</i> 39.50 <i>For Full Grate With 2" Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 15.50 <i>For White Acid Resistant Bucket, Add</i> 88.00 <i>For Stainless Steel Liner For Bucket, Add</i> 97.00	1,994.89	141.23
22 13 19 13-0132	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top ..... 2,024.13 <i>For Flange With Seepage Holes, Add</i> 37.50 <i>For Flange With Seepage Holes And Clamp Collar, Add</i> 69.00 <i>For Trap Primer Connection, Add</i> 39.50 <i>For Full Grate With 2" Square Center Opening, Add</i> 36.00 <i>For Vandal Proof Secured Grate, Add</i> 15.50 <i>For White Acid Resistant Bucket, Add</i> 88.00 <i>For Stainless Steel Liner For Bucket, Add</i> 97.00	2,024.13	155.86
22 13 19 13-0133			<b>Floor Drain Accessories</b> <small>(22 13 19 13)</small>		
22 13 19 13-0134	EA		3" Trap Guard Floor Drain Insert (ProVent TG3H) ..... 112.69 Note: Prevents emission of sewer gases.	112.69	13.25
22 13 19 13-0135	EA		2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) ..... 91.14 Note: Prevents emission of sewer gases.	91.14	13.25
22 13 19 13-0136	EA		3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) ..... 99.76 Note: Prevents emission of sewer gases.	99.76	13.25
22 13 19 13-0137	EA		3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP) ..... 121.31 Note: Prevents emission of sewer gases.	121.31	13.25
22 13 19 13-0138	EA		3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP) ..... 108.38 Note: Prevents emission of sewer gases.	108.38	13.25
22 13 19 13-0139	EA		2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) ..... 156.03 Note: Prevents emission of sewer gases.	156.03	13.25
22 13 19 13-0140	EA		3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) ..... 173.38 Note: Prevents emission of sewer gases.	173.38	13.25
22 13 19 13-0141	EA		4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) ..... 216.42 Note: Prevents emission of sewer gases.	216.42	13.25

**22 13 19 26 Grease Removal Devices** (22 13 19)



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0001				<b>Manual Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting.		
22 13 19 26-0002				<b>Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0001)</small> Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series.		
22 13 19 26-0003	EA			7 GPM, 14 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60102H.	1,322.11	79.47
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,317.33	
22 13 19 26-0004	EA			10 GPM, 20 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60103H.	1,542.95	178.80
				<i>For Flange And Clamp Device, Add</i>	379.36	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,392.24	
22 13 19 26-0005	EA			15 GPM, 30 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60104H.	2,196.39	198.66
				<i>For Flange And Clamp Device, Add</i>	392.60	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,520.58	
22 13 19 26-0006	EA			20 GPM, 40 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60105H.	2,655.50	218.53
				<i>For Flange And Clamp Device, Add</i>	405.85	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,643.49	
22 13 19 26-0007	EA			25 GPM, 50 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60106H.	2,973.88	238.40
				<i>For Flange And Clamp Device, Add</i>	449.49	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,711.68	
22 13 19 26-0008	EA			35 GPM, 70 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60107H.	3,653.81	278.13
				<i>For Flange And Clamp Device, Add</i>	487.18	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,883.88	
22 13 19 26-0009	EA			50 GPM, 100 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60108H.	4,771.58	317.86
				<i>For Flange And Clamp Device, Add</i>	554.63	
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	2,009.06	
22 13 19 26-0010	EA			75 GPM, 150 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60109H.	9,412.09	357.59
				<i>For Flange And Clamp Device, Add</i>	782.40	
22 13 19 26-0011	EA			100 GPM, 200 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60110H.	10,653.15	450.71
				<i>For Flange And Clamp Device, Add</i>	908.47	
22 13 19 26-0012	EA			150 GPM, 300 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60213A.	13,127.66	721.13
				<i>For Flange And Clamp Device, Add</i>	1,248.76	
22 13 19 26-0013	EA			200 GPM, 400 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60214A.	18,851.33	901.41
				<i>For Flange And Clamp Device, Add</i>	1,498.23	
22 13 19 26-0014	EA			250 GPM, 500 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60215A.	21,987.48	1,081.70
				<i>For Flange And Clamp Device, Add</i>	1,931.37	
22 13 19 26-0015	EA			350 GPM, 700 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60216A.	28,583.84	1,261.98
				<i>For Flange And Clamp Device, Add</i>	2,289.32	
22 13 19 26-0016	EA			500 GPM, 1,000 Lb. Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60217A.	36,999.26	1,442.26
				<i>For Flange And Clamp Device, Add</i>	2,682.79	
22 13 19 26-0017				<b>Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0001)</small> Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018	EA			20 GPM, 40 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A.	3,834.96	218.53
22 13 19 26-0019	EA			35 GPM, 70 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Josam 60117A.	4,933.79	278.13
22 13 19 26-0020	EA			50 GPM, 100 Lb. Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor..... Note: Smith 8150.	8,155.07	317.86
22 13 19 26-0021				<b>Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022				<b>Standard Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0021)</small> Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023	EA			7 GPM, 14 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor..... Note: Josam 60102-SA.	3,374.25	79.47
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,317.33	
22 13 19 26-0024	EA			10 GPM, 20 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor..... Note: Josam 60103-SA.	3,968.89	178.80
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,392.24	
22 13 19 26-0025	EA			15 GPM, 30 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor..... Note: Josam 60104-SA.	4,239.60	198.66
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,520.58	
22 13 19 26-0026	EA			20 GPM, 40 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor..... Note: Josam 60105-SA.	5,176.74	218.53
				<i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	1,643.49	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0027	EA		25 GPM, 50 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60106-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	6,243.45 <i>1,711.68</i>	238.40
22 13 19 26-0028	EA		35 GPM, 70 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60107-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	6,452.04 <i>1,883.88</i>	278.13
22 13 19 26-0029	EA		50 GPM, 100 Lb. Capacity Semi-Automatic Epoxy Coated Steel Grease Interceptor ..... Note: Josam 60108-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	7,365.05 <i>2,009.06</i>	317.86
<b>22 13 19 26-0030</b>			<b>Low Profile Semi-Automatic Cleaning Epoxy Coated Steel Grease Interceptor</b> <small>(22 13 19 26-0021)</small> Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031	EA		35 GPM, 70 Lb. Capacity Low Profile Semi-Automatic Epoxy Coated Steel Grease Interceptor..... Note: Josam 60115A-SA.	8,679.91	278.13
<b>22 13 19 26-0032</b>			<b>Automatic Cleaning Stainless Steel Grease Interceptor</b> <small>(22 13 19 26)</small>		
22 13 19 26-0033	EA		20 GPM, 69 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor ..... Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	7,377.46	218.53
22 13 19 26-0034	EA		25 GPM, 91 Lb. Capacity Automatic Cleaning Stainless Steel Grease Interceptor ..... Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,585.58	238.40
22 13 19 26-0035	EA		35 GPM, 70 Lb. Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35) .....	7,348.27	278.13
<b>22 13 19 26-0036</b>			<b>Precast Concrete Grease Interceptor</b> <small>(22 13 19 26)</small> Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037	EA		1,000 Gallon Pre-Cast Grease Interceptor.....	5,863.97	417.30
22 13 19 26-0038	EA		1,250 Gallon Pre-Cast Grease Interceptor.....	6,711.30	417.30
22 13 19 26-0039	EA		1,500 Gallon Pre-Cast Grease Interceptor.....	7,617.08	477.08
22 13 19 26-0040	EA		2,000 Gallon Pre-Cast Grease Interceptor.....	8,663.42	673.75
22 13 19 26-0041	EA		2,500 Gallon Pre-Cast Grease Interceptor.....	9,749.20	906.48
22 13 19 26-0042	EA		4,000 Gallon Pre-Cast Grease Interceptor.....	14,628.66	1,192.64
22 13 19 26-0043	EA		5,000 Gallon Pre-Cast Grease Interceptor.....	18,765.79	1,955.74
<b>22 13 19 26-0044</b>			<b>Coated Steel Manual Oil Interceptor</b> <small>(22 13 19 26)</small> Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045	EA		10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	9,525.77	302.60
22 13 19 26-0046	EA		15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	12,957.24	359.56
22 13 19 26-0047	EA		20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	15,674.97	442.40
22 13 19 26-0048	EA		25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	17,022.83	479.22
22 13 19 26-0049	EA		35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	20,576.97	522.94
22 13 19 26-0050	EA		50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	27,419.18	575.29
22 13 19 26-0051	EA		75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	46,819.58	662.21
22 13 19 26-0052	EA		100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	50,956.15	814.78
22 13 19 26-0053	EA		150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	62,864.42	883.12
22 13 19 26-0054	EA		200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	88,441.80	1,059.52
22 13 19 26-0055	EA		250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	102,237.17	1,138.99
22 13 19 26-0056	EA		350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	129,034.90	1,358.32
22 13 19 26-0057	EA		400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	157,170.80	1,113.04
22 13 19 26-0058	EA		500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	186,170.58	1,324.41
<b>22 13 19 33</b>			<b>Backwater Valves</b> <small>(22 13 19)</small>		
<b>22 13 19 33-0001</b>			<b>Cast Iron Body Terminal Backwater Valves</b> <small>(22 13 19 33)</small>		
22 13 19 33-0002	EA		2" Cast Iron Body Terminal Backwater Valve .....	586.63	30.40
22 13 19 33-0003	EA		3" Cast Iron Body Terminal Backwater Valve .....	598.28	38.25
22 13 19 33-0004	EA		4" Cast Iron Body Terminal Backwater Valve .....	864.99	50.85
22 13 19 33-0005	EA		6" Cast Iron Body Terminal Backwater Valve .....	2,365.15	74.10
22 13 19 33-0006	EA		8" Cast Iron Body Terminal Backwater Valve .....	2,889.53	97.52
22 13 19 33-0007	EA		10" Cast Iron Body Terminal Backwater Valve .....	8,425.65	120.31
22 13 19 33-0008	EA		12" Cast Iron Body Terminal Backwater Valve .....	9,536.91	156.04
<b>22 13 19 33-0009</b>			<b>Cast Iron Backwater Sewer Line Valve</b> <small>(22 13 19 33)</small> Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010	EA		2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	1,441.78	72.49
22 13 19 33-0011	EA		3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	2,210.16	87.94
22 13 19 33-0012	EA		4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	2,731.07	113.37
22 13 19 33-0013	EA		6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	3,865.82	134.63
22 13 19 33-0014	EA		8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly .....	5,372.69	159.53
<b>22 13 19 33-0015</b>			<b>Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve</b> <small>(22 13 19 33)</small> Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0016 EA 3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve .....	3,984.44	114.75
22 13 19 33-0017 EA 4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve .....	4,041.22	152.57
22 13 19 33-0018 EA 5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve .....	5,913.07	199.40
22 13 19 33-0019 EA 6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve .....	5,947.73	222.29
<b>22 13 19 36 Air-Admittance Valves (22 13 19)</b>		
<b>22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent (22 13 19 36)</b>		
22 13 19 36-0002 EA 1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent .....	270.66	14.83
22 13 19 36-0003 EA 2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent .....	324.52	14.83
<b>22 13 23 Sanitary Waste Interceptors (22 13)</b>		
<b>22 13 23 00-0001 Sediment Bucket Solids Interceptors (22 13 23)</b>		
22 13 23 00-0002 EA 1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180) .....	1,304.38	150.03
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003 EA 1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184) .....	1,306.02	150.03
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004 EA 1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO) .....	1,840.09	150.03
Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0005 EA 1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO) .....	1,840.09	150.03
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006 EA 1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030) .....	1,961.00	150.03
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
<b>22 13 23 00-0007 Solid Interceptors, Cast Iron With Internal Deep Seal Trap (22 13 23)</b>		
22 13 23 00-0008 EA 1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel .....	325.17	51.31
For Stainless Steel Bucket, Add		
	175.00	
22 13 23 00-0009 EA 2" Inlet Cast Iron Solid Interceptor, Painted Enamel .....	331.73	54.66
For Stainless Steel Bucket, Add		
	175.00	
<b>22 13 23 00-0010 Sediment Strainers (22 13 23)</b>		
22 13 23 00-0011 EA 2" Strainer, Pump Suction Side .....	176.12	69.93
<b>22 13 29 Sanitary Sewerage Pumps (22 13)</b>		
Note: Includes extra set of gaskets, bearings and seals.		
<b>22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps (22 13 29)</b>		
<b>22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-DeMing Series 4500) (22 13 29 13)</b>		
Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.		
<b>22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0003 EA 1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	7,712.60	1,271.01
22 13 29 13-0004 EA 3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,030.41	1,271.01
22 13 29 13-0005 EA 1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,348.22	1,271.01
22 13 29 13-0006 EA 1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM .....	8,651.37	1,271.01
<b>22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0008 EA 3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	8,592.69	1,271.01
22 13 29 13-0009 EA 1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	8,714.93	1,271.01
22 13 29 13-0010 EA 2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	8,800.49	1,271.01
22 13 29 13-0011 EA 3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	9,387.22	1,271.01
22 13 29 13-0012 EA 5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	9,961.72	1,271.01
22 13 29 13-0013 EA 7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	10,841.82	1,271.01
22 13 29 13-0014 EA 10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	11,721.91	1,271.01
22 13 29 13-0015 EA 15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM .....	13,442.85	1,691.43
<b>22 13 29 13-0016 3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)</b>		
22 13 29 13-0017 EA 2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM .....	9,205.17	1,271.01
22 13 29 13-0018 EA 3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM .....	9,205.17	1,271.01





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0019	EA		5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	9,416.94	1,271.01
22 13 29 13-0020	EA		7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	11,060.17	1,271.01
22 13 29 13-0021	EA		10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	11,348.42	1,271.01
22 13 29 13-0022	EA		15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	13,544.25	1,691.43
22 13 29 13-0023	EA		20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	14,277.66	1,691.43
<b>22 13 29 13-0024</b>			<b>Extra Column Assemblies Addition, 5' Or Less (22 13 29 13-0001)</b>		
22 13 29 13-0025	EA		2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	544.22	
22 13 29 13-0026	EA		3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	653.44	
22 13 29 13-0027	EA		4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	730.37	
22 13 29 13-0028	EA		5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	743.67	
22 13 29 13-0029	EA		6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	834.84	
<b>22 13 29 13-0030</b>			<b>Float Switches (22 13 29 13-0001)</b>		
			Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA		Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps.....	489.13	
22 13 29 13-0032	EA		Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps.....	513.82	
22 13 29 13-0033	EA		Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps.....	525.22	
<b>22 13 29 13-0034</b>			<b>Square Or Round Steel Sump Covers (22 13 29 13-0001)</b>		
22 13 29 13-0035	EA		24" Steel Sump Covers, Square Or Round.....	988.38	42.38
22 13 29 13-0036	EA		30" Steel Sump Covers, Square Or Round.....	1,093.96	47.68
22 13 29 13-0037	EA		36" Steel Sump Covers, Square Or Round.....	1,519.73	63.57
22 13 29 13-0038	EA		40" Steel Sump Covers, Square Or Round.....	2,217.49	74.17
22 13 29 13-0039	EA		42" Steel Sump Covers, Square Or Round.....	2,379.21	76.82
22 13 29 13-0040	EA		48" Steel Sump Covers, Square Or Round.....	2,545.64	79.47
22 13 29 13-0041	EA		54" Steel Sump Covers, Square Or Round.....	3,246.69	95.36
22 13 29 13-0042	EA		60" Steel Sump Covers, Square Or Round.....	4,413.83	105.95
22 13 29 13-0043	EA		72" Steel Sump Covers, Square Or Round.....	5,597.54	132.45
22 13 29 13-0044	EA		84" Steel Sump Covers, Square Or Round.....	7,130.60	145.68
<b>22 13 29 16</b>			<b>Submersible Sewerage Pumps (22 13 29)</b>		
<b>22 13 29 16-0001</b>			<b>Submersible Sewage Pumps With Vortex Impeller (22 13 29 16)</b>		
<b>22 13 29 16-0002</b>			<b>Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller (22 13 29 16-0001)</b>		
			Note: Includes 25' cord.		
22 13 29 16-0003	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,621.04	77.09
22 13 29 16-0004	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,730.74	77.09
22 13 29 16-0005	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,696.99	77.09
22 13 29 16-0006	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,858.72	77.09
22 13 29 16-0007	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,858.72	77.09
22 13 29 16-0008	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,958.44	96.36
22 13 29 16-0009	EA		1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,101.90	96.36
22 13 29 16-0010	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	2,120.18	96.36
<b>22 13 29 16-0011</b>			<b>Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001)</b>		
			Note: Includes 20' cord.		
22 13 29 16-0012	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,651.98	77.09
22 13 29 16-0013	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,809.50	77.09
22 13 29 16-0014	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,734.96	77.09
22 13 29 16-0015	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,886.85	77.09
22 13 29 16-0016	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,023.27	77.09
22 13 29 16-0017	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,871.25	96.36
22 13 29 16-0018	EA		1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,034.39	96.36
22 13 29 16-0019	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,032.98	96.36
22 13 29 16-0020	EA		1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,306.83	155.33
22 13 29 16-0021	EA		1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,444.66	155.33



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0022 EA 1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,468.57	155.33
22 13 29 16-0023 EA 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,454.24	189.85
22 13 29 16-0024 EA 2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,611.76	189.85
22 13 29 16-0025 EA 2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,615.98	189.85
<b>22 13 29 16-0026 Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller</b> (22 13 29 16-0001) Note: Includes 20' cord.		
22 13 29 16-0027 EA 1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,967.01	77.09
22 13 29 16-0028 EA 1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,234.23	77.09
22 13 29 16-0029 EA 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller.....	2,170.81	96.36
22 13 29 16-0030 EA 1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller.....	2,332.55	96.36
22 13 29 16-0031 EA 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,628.90	155.33
22 13 29 16-0032 EA 1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,790.63	155.33
22 13 29 16-0033 EA 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,777.71	189.85
22 13 29 16-0034 EA 2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,939.45	189.85
<b>22 13 29 16-0035 Submersible Sewage Pumps With Semi-Open Impeller</b> (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0036 EA 1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	4,842.08	96.36
22 13 29 16-0037 EA 1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	5,173.43	167.19
22 13 29 16-0038 EA 2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	5,531.74	204.34
22 13 29 16-0039 EA 3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	5,776.65	247.69
22 13 29 16-0040 EA 5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	6,479.05	291.04
22 13 29 16-0041 EA 7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	7,234.95	334.38
<b>22 13 29 16-0042 Submersible Sewage Pumps, Explosion Proof</b> (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0043 EA 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,607.79	345.74
22 13 29 16-0044 EA 1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,011.13	345.74
22 13 29 16-0045 EA 1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,011.13	345.74
22 13 29 16-0046 EA 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,952.64	460.97
22 13 29 16-0047 EA 1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,355.98	460.97
22 13 29 16-0048 EA 1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,355.98	460.97
22 13 29 16-0049 EA 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	8,420.55	576.22
22 13 29 16-0050 EA 2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,823.89	576.22
22 13 29 16-0051 EA 2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,823.89	576.22
22 13 29 16-0052 EA 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	8,772.85	691.46
22 13 29 16-0053 EA 3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	8,176.19	691.46
22 13 29 16-0054 EA 3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	8,176.19	691.46
22 13 29 16-0055 EA 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	9,680.80	806.71
22 13 29 16-0056 EA 5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	9,084.14	806.71
22 13 29 16-0057 EA 5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	9,084.14	806.71
22 13 29 16-0058 EA 7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	10,005.77	921.95
22 13 29 16-0059 EA 7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	10,005.77	921.95



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 13 29 16-0060	Submersible Sewage Pump Accessories <small>(22 13 29 16)</small>			
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump.....	782.56	86.93
		Note: Includes alarm horn, warning light and alarm float switch.		
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump.....	809.43	86.93
		Note: Includes alarm horn, warning light, and alarm float switch.		
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump.....	1,618.52	115.91
		Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.		
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump.....	2,306.51	115.91
		Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors.....	4,793.39	115.91
		Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors.....	5,016.31	115.91
		Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors.....	8,027.17	144.87
		Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors.....	6,759.01	144.87
		Note: Includes alarm horn and warning light. Control float switches not included.		
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps.....	1,788.01	144.87
		Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps.....	1,976.13	144.87
		Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps.....	1,894.16	144.87
		Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps.....	2,063.70	144.87
		Note: Includes alarm horn, warning light, and three 20' float switches.		
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps.....	3,577.98	144.87
		Note: Includes alarm horn and warning light. Float switches not included.		
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure.....	654.75	57.95
		Note: Includes alarm horn, warning light and 15' tethered float.		
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord.....	117.08	28.98
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only.....	132.93	28.98
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord.....	153.19	28.98
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only.....	149.94	28.98
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats.....	481.52	28.98
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only.....	491.64	28.98
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords.....	537.44	28.98
		Note: Not for use with Intrinsically Safe Control Systems.		
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only.....	560.82	28.98
22 13 29 16-0083	EA	Float Switch Tree.....	251.08	28.98
		Note: Tree only.		
22 13 29 16-0084	EA	Adjustable Weight For Float Switch.....	64.40	14.48
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge.....	1,353.35	86.93
		Note: Lifting equipment not included.		
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge.....	2,130.21	115.91
		Note: Lifting equipment not included.		
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge.....	2,785.07	144.87
		Note: Lifting equipment not included.		
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Sparking, For 3" Horizontal Discharge.....	2,738.89	86.93
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Sparking, For 4" Horizontal Discharge.....	3,878.09	86.93
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System.....	375.93	57.95
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems.....	674.69	72.44
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems.....	670.12	86.93
22 13 29 16-0093	EA	12" Stainless Steel Lifting Cable.....	185.16	28.98
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge.....	378.08	28.98
		Note: Used for shallow systems where guide rails are not necessary.		

### 22 13 29 33 Sewerage Pump Basins and Pits (22 13 29)

22 13 29 33-0001	Sewage Sump Pump Basin <small>(22 13 29 33)</small>			
22 13 29 33-0002	High-Density Polyethylene (HDPE) Basin <small>(22 13 29 33-0001)</small>			
22 13 29 33-0003	EA	18" Diameter x 24" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	153.65	
22 13 29 33-0004	EA	18" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	200.01	
22 13 29 33-0005	EA	24" Diameter x 30" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	463.94	
22 13 29 33-0006	EA	24" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	653.99	
22 13 29 33-0007	EA	30" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	844.02	
22 13 29 33-0008	EA	36" Diameter x 36" High, High-Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	982.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>22 13 29 33-0009</b>	<b>Fiberglass Basin</b> <small>(22 13 29 33-0001)</small>		
22 13 29 33-0010	EA 18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub .....	395.04	
22 13 29 33-0011	EA 24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub .....	810.19	
22 13 29 33-0012	EA 30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub .....	1,459.98	
22 13 29 33-0013	EA 36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub .....	1,967.84	
22 13 29 33-0014	EA 36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub .....	2,268.33	
22 13 29 33-0015	EA 36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub .....	2,395.62	
22 13 29 33-0016	EA 36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub .....	2,815.65	
22 13 29 33-0017	EA 48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub .....	3,270.27	

**22 14 Facility Storm Drainage** (22 10)

**22 14 13 Facility Storm Drainage Piping** (22 14)  
See CSI section 22 13 16 00-0000 for storm drainage piping.

**22 14 26 Facility Storm Drains** (22 14)

**22 14 26 13 Roof Drains** (22 14 26)

**22 14 26 13-0001 Cast Iron Roof Drains** (22 14 26 13)

**22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome** (22 14 26 13-0001)

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA 15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	963.00	
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0004	EA 15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	1,051.30	211.90
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0005	EA 15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	1,139.59	264.88
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0006	EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	1,534.00	317.86
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0007	EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	1,578.14	353.14
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0008	EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	1,873.40	370.83
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0009	EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome .....	2,553.71	384.08
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Bronze Dome, Add	448.80	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	

**22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint** (22 14 26 13-0001)

Note: With polypropylene dome. Dome free area is 124 square inches.

22 14 26 13-0011	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome .....	1,506.34	
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0012	EA 15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome .....	1,632.59	211.90
	For Galvanized Iron Parts, Add	518.00	
	For Deck Clamp Assembly, Add	130.00	
	For Drain Receiver, Add	147.00	
	For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0013	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome .....	1,794.79	264.88
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0014	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome .....	2,486.83	317.86
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0015	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome .....	2,668.80	353.14
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
<b>22 14 26 13-0016</b>			<b>Cast Iron Roof Drains With Flat Bronze Promenade Top</b> (22 14 26 13-0001)		
22 14 26 13-0017	EA		14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top .....	2,094.66	176.62
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
22 14 26 13-0018	EA		14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top .....	2,182.96	211.90
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
22 14 26 13-0019	EA		14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top .....	2,271.25	264.88
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
22 14 26 13-0020	EA		14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top .....	2,648.89	317.86
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
22 14 26 13-0021	EA		14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top .....	2,693.03	353.14
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
<b>22 14 26 13-0022</b>			<b>Cast Iron Scupper Drain With L-Shaped Bronze Grate</b> (22 14 26 13-0001)		
22 14 26 13-0023	EA		Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate .....	1,360.94	70.67
22 14 26 13-0024	EA		Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate .....	1,396.26	88.26
22 14 26 13-0025	EA		Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate .....	1,412.31	96.31
22 14 26 13-0026	EA		Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate .....	1,988.41	127.67
22 14 26 13-0027	EA		Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate .....	2,044.73	155.86
<b>22 14 26 13-0028</b>			<b>Cast Iron Roof Drain With Flat Cast Iron Grate</b> (22 14 26 13-0001)		
			Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA		9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top .....	1,059.40	176.62
			<i>For Galvanized Iron Parts, Add</i>	144.00	
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
22 14 26 13-0030	EA		9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top .....	1,147.70	211.90
			<i>For Galvanized Iron Parts, Add</i>	144.00	
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
22 14 26 13-0031	EA		9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top .....	1,235.99	264.88
			<i>For Galvanized Iron Parts, Add</i>	144.00	
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
<b>22 14 26 13-0032</b>			<b>Cast Iron Roof Drains With Large Cast Iron Dome</b> (22 14 26 13-0001)		
22 14 26 13-0033	EA		15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome .....	1,143.23	176.62
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0034	EA		15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome .....	1,231.53	211.90
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
22 14 26 13-0035	EA		15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome .....	1,319.82	264.88
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0036 EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome .....	1,714.23	317.86
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0037 EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome .....	1,758.37	353.14
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0038 EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome .....	2,053.63	370.83
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0039 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome .....	2,733.94	384.08
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
<b>22 14 26 13-0040 Aluminum Roof Drains (22 14 26 13)</b>		
<b>22 14 26 13-0041 Aluminum Dome Roof Drains (22 14 26 13-0040)</b>		
22 14 26 13-0042 EA 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome.....	1,174.66	176.62
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0043 EA 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome.....	1,262.96	211.90
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0044 EA 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome.....	1,351.25	264.88
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0045 EA 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome.....	1,789.80	352.82
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0046 EA 15" Diameter Roof Drain With 8" Outlet, Aluminum Dome.....	2,085.28	370.83
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
22 14 26 13-0047 EA 15" Diameter Roof Drain With 10" Outlet, Aluminum Dome .....	2,765.37	384.08
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
<b>22 14 26 13-0048 Retrofit Roof Drains (22 14 26 13)</b>		
<b>22 14 26 13-0049 Retrofit Copolymer Roof Drains With Copolymer Strainer Dome (22 14 26 13-0048)</b>		
22 14 26 13-0050 EA Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	840.86	211.90
22 14 26 13-0051 EA Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	944.51	264.88
22 14 26 13-0052 EA Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	1,138.40	317.86
22 14 26 13-0053 EA Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	1,243.99	352.82
<b>22 14 26 13-0054 Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)</b>		
22 14 26 13-0055 EA Copolymer Retrofit Drain, 3", With Cast Aluminum Dome .....	979.11	211.90
22 14 26 13-0056 EA Copolymer Retrofit Drain, 4", With Cast Aluminum Dome .....	1,076.61	264.88
22 14 26 13-0057 EA Copolymer Retrofit Drain, 5", With Cast Aluminum Dome .....	1,279.72	317.86
22 14 26 13-0058 EA Copolymer Retrofit Drain, 6", With Cast Aluminum Dome .....	1,342.30	352.82
<b>22 14 26 13-0059 Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome (22 14 26 13-0048)</b>		
22 14 26 13-0060 EA Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome .....	847.00	211.90
For Copolymer Strainer Dome, Deduct	-24.00	
22 14 26 13-0061 EA Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome .....	950.65	264.88
For Copolymer Strainer Dome, Deduct	-24.00	
22 14 26 13-0062 EA Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome .....	1,144.55	317.86
For Copolymer Strainer Dome, Deduct	-24.00	
22 14 26 13-0063 EA Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome .....	1,200.97	352.82
For Copolymer Strainer Dome, Deduct	-24.00	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0064			<b>Bronze Downspout Nozzles</b> (22 14 26 13)		
22 14 26 13-0065	EA		2" Outlet, Bronze Roof Drain Downspout Nozzle.....	512.43	105.95
22 14 26 13-0066	EA		3" Outlet, Bronze Roof Drain Downspout Nozzle.....	512.43	105.95
22 14 26 13-0067	EA		4" Outlet, Bronze Roof Drain Downspout Nozzle.....	512.43	105.95
22 14 26 13-0068	EA		5" Outlet, Bronze Roof Drain Downspout Nozzle.....	805.97	132.45
22 14 26 13-0069	EA		6" Outlet, Bronze Roof Drain Downspout Nozzle.....	805.97	132.45
22 14 26 13-0070	EA		8" Outlet, Bronze Roof Drain Downspout Nozzle.....	1,057.87	132.45
<b>22 14 26 16</b>			<b>Facility Area Drains</b> (22 14 26)		
22 14 26 16-0001			<b>Area Drain</b> (22 14 26 16)		
22 14 26 16-0002	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,064.43	127.57
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0003	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,091.93	141.34
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0004	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,120.87	155.86
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0005	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,151.03	170.90
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0006	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,872.55	127.57
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0007	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,900.05	141.34
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0008	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,928.99	155.86
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0009	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	1,959.15	170.90
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0010	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,858.30	127.57
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0011	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,885.80	141.34
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0012	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,914.74	155.86
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0013	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	2,944.90	170.90
			For Ductile Iron Grate, Add	123.50	
			For Vandal Proof Screws, Add	29.50	
			For Primer Tap, Add	36.00	
			For Galvanized Cast Iron Parts, Add	70.50	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0014	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,214.59	127.57
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0015	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,242.09	141.34
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0016	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,271.03	155.86
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0017	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,301.19	170.90
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0018	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,016.86	127.57
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0019	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,044.36	141.34
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0020	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,073.30	155.86
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0021	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,103.46	170.90
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0022	EA		16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	5,889.53	127.57
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0023	EA		16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	5,917.03	141.34
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0024	EA		16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	5,945.97	155.86
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0025	EA		16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	5,976.13	170.90
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	197.50	
22 14 26 16-0026	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,346.65	127.57
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0027	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,374.15	141.34
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0028	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,403.09	155.86
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0029	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	802.24	127.57
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0030	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	829.74	141.34
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0031	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	858.68	155.86
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,267.36	127.57
			<i>For Vandal Proof Grate, Add</i>	30.50	
22 14 26 16-0033	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,294.86	141.34
			<i>For Vandal Proof Grate, Add</i>	30.50	

**22 Plumbing**

**22 10 Plumbing Piping**

**22 14 Facility Storm Drainage**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0034	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots ..... <i>For Vandal Proof Grate, Add</i>	1,323.80 30.50	155.86
22 14 26 16-0035	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	4,129.46 30.50 126.00 307.50	127.57
22 14 26 16-0036	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	4,156.96 30.50 126.00 307.50	141.34
22 14 26 16-0037	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	4,185.90 30.50 126.00 307.50	155.86
22 14 26 16-0038	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,673.31 30.50 126.00 307.50	127.57
22 14 26 16-0039	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,700.81 30.50 126.00 307.50	141.34
22 14 26 16-0040	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,729.75 30.50 126.00 307.50	155.86
22 14 26 16-0041	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,875.76 30.50 126.00 307.50	127.57
22 14 26 16-0042	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,903.26 30.50 126.00 307.50	141.34
22 14 26 16-0043	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy-Duty Hinged Grate And Removable Medium-Deep Sediment Strainer ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,932.20 30.50 126.00 307.50	155.86
<b>22 14 26 19 Facility Trench Drains (22 14 26)</b>					
22 14 26 19-0001			<b>Trench Drain</b> (22 14 26 19) Note: Each section is 39.4" in length.		
22 14 26 19-0002	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,104.43 48.50 66.00 98.25	127.57
22 14 26 19-0003	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,131.93 48.50 66.00 98.25	141.34
22 14 26 19-0004	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,160.87 48.50 66.00 98.25	155.86
22 14 26 19-0005	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	665.83 48.50 66.00 98.25	127.57
22 14 26 19-0006	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	693.33 48.50 66.00 98.25	141.34
22 14 26 19-0007	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots ..... <i>For Vandal Proof Screws, Add</i> <i>For Ductile Iron Grate, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	722.27 48.50 66.00 98.25	155.86



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Piping</b>	<b>22 10</b>
	<b>Facility Storm Drainage</b>	<b>22 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0008	EA		6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,044.67	127.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0009	EA		6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,072.17	141.34
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0010	EA		6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,101.11	155.86
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0011	EA		6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	976.30	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0012	EA		6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	537.70	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0013	EA		6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	916.54	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	66.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
22 14 26 19-0014	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,760.88	127.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0015	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,788.38	141.34
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0016	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,817.32	155.86
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0017	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,218.18	127.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0018	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,245.68	141.34
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0019	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,274.62	155.86
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0020	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots .....	1,686.66	127.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0021	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,714.16	141.34
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0022	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,743.10	155.86
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0023	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,471.69	127.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0024	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,499.19	141.34
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0025	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,528.13	155.86
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0026	EA		12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,632.74	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0027	EA		12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,090.04	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0028	EA		12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,558.52	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
22 14 26 19-0029	EA		12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy-Duty Body Sections, Heavy-Duty Loose Set Grate With Perimeter Drainage Slots.....	1,343.55	63.57
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	

## 22 14 29 Sump Pumps <sup>(22 14)</sup>

See CSI section 22 11 16 00-0000 for pipe extensions into well.

### 22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps <sup>(22 14 29)</sup>

#### 22 14 29 13-0001 Vertical Mounted Sump Pumps <sup>(22 14 29 13)</sup>

Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.

22 14 29 13-0002	EA		1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	6,347.76	307.80
			<i>For Explosion Proof Motor, Add</i>	295.95	
22 14 29 13-0003	EA		1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	6,698.16	372.55
			<i>For Explosion Proof Motor, Add</i>	329.01	
22 14 29 13-0004	EA		2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	7,647.08	442.60
			<i>For Explosion Proof Motor, Add</i>	425.03	
22 14 29 13-0005	EA		3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	8,137.67	544.49
			<i>For Explosion Proof Motor, Add</i>	481.71	
22 14 29 13-0006	EA		5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	8,588.75	590.13
			<i>For Explosion Proof Motor, Add</i>	703.67	
22 14 29 13-0007	EA		10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	10,182.51	707.95
			<i>For Explosion Proof Motor, Add</i>	798.12	
22 14 29 13-0008	EA		15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head.....	11,939.97	733.14
			<i>For Explosion Proof Motor, Add</i>	1,308.16	
22 14 29 13-0009	EA		20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head.....	14,542.50	936.73
			<i>For Explosion Proof Motor, Add</i>	1,736.34	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 13-0010	EA		30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head..... <i>For Explosion Proof Motor, Add</i>	15,688.40 2,251.11	1,092.45
22 14 29 13-0011	EA		50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head..... <i>For Explosion Proof Motor, Add</i>	21,091.16 2,932.73	1,311.42
22 14 29 13-0012	EA		60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head..... <i>For Explosion Proof Motor, Add</i>	29,289.82 4,648.61	1,456.60
<b>22 14 29 13-0013</b>			<b>Extra Column Assemblies</b> (22 14 29 13)		
22 14 29 13-0014	EA		1-1/2" Diameter x 5' Long Extra Column Assembly.....	1,010.83	
22 14 29 13-0015	EA		2" Diameter x 5' Long Extra Column Assembly.....	1,106.09	
22 14 29 13-0016	EA		2-1/2" Diameter x 5' Long Extra Column Assembly.....	1,210.32	
22 14 29 13-0017	EA		3" Diameter x 5' Long Extra Column Assembly.....	1,453.23	
22 14 29 13-0018	EA		4" Diameter x 5' Long Extra Column Assembly.....	1,624.32	
22 14 29 13-0019	EA		5" Diameter x 5' Long Extra Column Assembly.....	1,653.89	
22 14 29 13-0020	EA		6" Diameter x 5' Long Extra Column Assembly.....	1,856.67	
22 14 29 13-0021	EA		8" Diameter x 5' Long Extra Column Assembly.....	2,031.63	
<b>22 14 29 13-0022</b>			<b>Support Plate</b> (22 14 29 13)		
22 14 29 13-0023	EA		24" Steel Support Plate, Round Or Square.....	988.38	42.38
22 14 29 13-0024	EA		30" Steel Support Plate, Round Or Square.....	1,093.96	47.68
22 14 29 13-0025	EA		36" Steel Support Plate, Round Or Square.....	1,519.73	63.57
22 14 29 13-0026	EA		40" Steel Support Plate, Round Or Square.....	2,217.49	74.17
22 14 29 13-0027	EA		42" Steel Support Plate, Round Or Square.....	2,379.21	76.82
22 14 29 13-0028	EA		48" Steel Support Plate, Round Or Square.....	2,545.54	79.47
22 14 29 13-0029	EA		54" Steel Support Plate, Round Or Square.....	3,246.69	95.36
22 14 29 13-0030	EA		60" Steel Support Plate, Round Or Square.....	4,413.83	105.95
22 14 29 13-0031	EA		72" Steel Support Plate, Round Or Square.....	5,897.97	132.45
22 14 29 13-0032	EA		84" Steel Support Plate, Round Or Square.....	7,130.60	145.68
<b>22 14 29 16</b>			<b>Submersible Sump Pumps</b> (22 14 29)		
<b>22 14 29 16-0001</b>			<b>Submersible Sump Pump With Vortex Impeller</b> (22 14 29 16)		
<b>22 14 29 16-0002</b>			<b>Submersible Sump Pump With Cast Iron Vortex Impeller</b> (22 14 29 16-0001)		
22 14 29 16-0003	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	548.17	69.04
22 14 29 16-0004	EA		1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	612.29	69.04
22 14 29 16-0005	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	985.99	73.06
22 14 29 16-0006	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	1,087.46	73.06
<b>22 14 29 16-0007</b>			<b>Submersible Sump Pump With Bronze Vortex Impeller</b> (22 14 29 16-0001)		
Note: Includes 20' of cord with pump.					
22 14 29 16-0008	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,693.47	73.06
22 14 29 16-0009	EA		1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,846.38	73.06
22 14 29 16-0010	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,937.04	80.54
22 14 29 16-0011	EA		1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,100.52	80.54
22 14 29 16-0012	EA		1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,156.18	92.04
22 14 29 16-0013	EA		1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,316.84	92.04
22 14 29 16-0014	EA		2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,310.72	109.30
22 14 29 16-0015	EA		2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,450.24	109.30
<b>22 14 29 16-0016</b>			<b>Submersible Sump Pump With Semi-Open Impeller</b> (22 14 29 16)		
Note: Includes 20' of cord with pump.					
22 14 29 16-0017	EA		1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,192.33	69.04
22 14 29 16-0018	EA		1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,231.28	69.04
22 14 29 16-0019	EA		1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,538.56	73.06
22 14 29 16-0020	EA		1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,565.93	73.06
22 14 29 16-0021	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,879.52	77.09
22 14 29 16-0022	EA		3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,879.52	77.09
22 14 29 16-0023	EA		1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,987.87	80.54





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0024 EA 1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller .....	1,987.87	80.54
22 14 29 16-0025 EA 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller .....	2,268.69	92.04
22 14 29 16-0026 EA 1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller .....	2,268.69	92.04
22 14 29 16-0027 EA 2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller .....	2,638.91	109.30
22 14 29 16-0028 EA 2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller .....	2,591.54	109.30
<b>22 14 29 19 Sump-Pump Basins and Pits (22 14 29)</b> See CSI section 22 13 29 33-0000 for basins and pits.		
<b>22 15 General Service Compressed-Air Systems (22 10)</b>		
<b>22 15 13 General Service Compressed-Air Piping (22 15)</b> See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.		
22 15 13 00-0001 Aluminum Pipe And Fittings For Compressed Air (22 15 13)		
22 15 13 00-0002 Aluminum (6063) Pipe (FastPipe) (22 15 13 00-0001) Note: For compressed air system		
22 15 13 00-0003 LF 3/4" Blue Rigid Aluminum Pipe .....	8.02	2.31
Note: For compressed air system		
22 15 13 00-0004 LF 1" Blue Rigid Aluminum Pipe .....	9.85	2.53
Note: For compressed air system		
22 15 13 00-0005 LF 1-1/2" Blue Rigid Aluminum Pipe .....	13.24	3.22
Note: For compressed air system		
22 15 13 00-0006 LF 2" Blue Rigid Aluminum Pipe .....	16.00	3.69
Note: For compressed air system		
22 15 13 00-0007 LF 3" Blue Rigid Aluminum Pipe .....	26.29	5.06
Note: For compressed air system		
22 15 13 00-0008 Compression Fittings (FastPipe) (22 15 13 00-0001) Note: For compressed air system		
22 15 13 00-0009 Compression Union (22 15 13 00-0008)		
22 15 13 00-0010 EA 3/4" FastPipe Compression Union .....	22.73	3.22
Note: For compressed air system		
22 15 13 00-0011 EA 1" FastPipe Compression Union .....	34.21	4.60
Note: For compressed air system		
22 15 13 00-0012 EA 1-1/2" FastPipe Compression Union .....	53.43	6.44
Note: For compressed air system		
22 15 13 00-0013 EA 2" FastPipe Compression Union .....	66.88	8.29
Note: For compressed air system		
22 15 13 00-0014 EA 3" FastPipe Compression Union .....	127.73	12.89
Note: For compressed air system		
22 15 13 00-0015 Compression 90 Degree Elbow (22 15 13 00-0008)		
22 15 13 00-0016 EA 3/4" FastPipe Compression 90 Degree Elbow .....	24.07	3.22
Note: For compressed air system		
22 15 13 00-0017 EA 1" FastPipe Compression 90 Degree Elbow .....	35.61	4.60
Note: For compressed air system		
22 15 13 00-0018 EA 1-1/2" FastPipe Compression 90 Degree Elbow .....	54.91	6.44
Note: For compressed air system		
22 15 13 00-0019 EA 2" FastPipe Compression 90 Degree Elbow .....	75.28	8.29
Note: For compressed air system		
22 15 13 00-0020 EA 3" FastPipe Compression 90 Degree Elbow .....	145.59	12.89
Note: For compressed air system		
22 15 13 00-0021 Compression 45 Degree Elbow (22 15 13 00-0008)		
22 15 13 00-0022 EA 1" FastPipe Compression 45 Degree Elbow .....	35.91	4.60
Note: For compressed air system		
22 15 13 00-0023 EA 1-1/2" FastPipe Compression 45 Degree Elbow .....	61.37	6.44
Note: For compressed air system		
22 15 13 00-0024 EA 2" FastPipe Compression 45 Degree Elbow .....	81.35	8.29
Note: For compressed air system		
22 15 13 00-0025 Compression Tee (22 15 13 00-0008)		
22 15 13 00-0026 EA 3/4" FastPipe Compression Tee .....	32.39	4.83
Note: For compressed air system		
22 15 13 00-0027 EA 1" FastPipe Compression Tee .....	45.86	6.91
Note: For compressed air system		
22 15 13 00-0028 EA 1-1/2" FastPipe Compression Tee .....	85.04	9.67
Note: For compressed air system		
22 15 13 00-0029 EA 2" FastPipe Compression Tee .....	105.85	12.43
Note: For compressed air system		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0030 EA 3" FastPipe Compression Tee ..... Note: For compressed air system	201.59	19.33
<b>22 15 13 00-0031 Compression Reducing Tee</b> <small>(22 15 13 00-0008)</small>		
22 15 13 00-0032 EA 1" x 3/4" FastPipe Compression Reducing Tee ..... Note: For compressed air system	44.04	6.21
22 15 13 00-0033 EA 1-1/2" x 3/4" FastPipe Compression Reducing Tee ..... Note: For compressed air system	76.28	8.06
22 15 13 00-0034 EA 1-1/2" x 1" FastPipe Compression Reducing Tee ..... Note: For compressed air system	79.55	8.74
22 15 13 00-0035 EA 2" x 3/4" FastPipe Compression Reducing Tee ..... Note: For compressed air system	96.48	9.90
22 15 13 00-0036 EA 2" x 1" FastPipe Compression Reducing Tee ..... Note: For compressed air system	99.40	10.58
<b>22 15 13 00-0037 Compression Reducing Union</b> <small>(22 15 13 00-0008)</small>		
22 15 13 00-0038 EA 1" x 3/4" FastPipe Compression Reducing Union ..... Note: For compressed air system	33.08	3.91
22 15 13 00-0039 EA 1-1/2" x 3/4" FastPipe Compression Reducing Union ..... Note: For compressed air system	48.56	4.83
22 15 13 00-0040 EA 1-1/2" x 1" FastPipe Compression Reducing Union ..... Note: For compressed air system	49.47	5.52
22 15 13 00-0041 EA 2" x 3/4" FastPipe Compression Reducing Union ..... Note: For compressed air system	61.62	5.75
22 15 13 00-0042 EA 2" x 1" FastPipe Compression Reducing Union ..... Note: For compressed air system	63.83	6.44
22 15 13 00-0043 EA 2" x 1-1/2" FastPipe Compression Reducing Union ..... Note: For compressed air system	67.71	7.36
<b>22 15 13 00-0044 Compression x NPT 90 Degree Reducing Elbow</b> <small>(22 15 13 00-0008)</small>		
22 15 13 00-0045 EA 3/4" x 1/4" NPT FastPipe Compression 90 Degree Reducing Elbow ..... Note: For compressed air system	48.67	6.68
22 15 13 00-0046 EA 3/4" x 1/2" NPT FastPipe Compression 90 Degree Reducing Elbow ..... Note: For compressed air system	51.79	7.59
22 15 13 00-0047 EA 1" x 1/4" NPT FastPipe Compression 90 Degree Reducing Elbow ..... Note: For compressed air system	57.32	7.36
22 15 13 00-0048 EA 1" x 1/2" NPT FastPipe Compression 90 Degree Reducing Elbow ..... Note: For compressed air system	59.13	8.29
22 15 13 00-0049 EA 1" x 3/4" NPT FastPipe Compression 90 Degree Reducing Elbow ..... Note: For compressed air system	61.43	9.20
<b>22 15 13 00-0050 Compression x NPT Reducing Tee</b> <small>(22 15 13 00-0008)</small>		
22 15 13 00-0051 EA 3/4" x 1/4" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	56.26	8.29
22 15 13 00-0052 EA 3/4" x 1/2" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	58.45	9.20
22 15 13 00-0053 EA 1" x 1/4" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	66.85	9.67
22 15 13 00-0054 EA 1" x 1/2" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	68.82	10.58
22 15 13 00-0055 EA 1" x 3/4" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	71.34	11.51
22 15 13 00-0056 EA 1-1/2" x 1/2" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	95.86	12.43
22 15 13 00-0057 EA 1-1/2" x 3/4" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	98.17	13.34
22 15 13 00-0058 EA 2" x 1/2" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	107.03	14.27
22 15 13 00-0059 EA 2" x 3/4" NPT FastPipe Compression Reducing Tee ..... Note: For compressed air system	109.33	15.18
<b>22 15 13 00-0060 Compression Inline Valve</b> <small>(22 15 13 00-0008)</small>		
22 15 13 00-0061 EA 3/4" FastPipe Compression Inline Valve ..... Note: For compressed air system	73.53	3.22
22 15 13 00-0062 EA 1" FastPipe Compression Inline Valve ..... Note: For compressed air system	94.40	4.60
22 15 13 00-0063 EA 1-1/2" FastPipe Compression Inline Valve ..... Note: For compressed air system	195.65	6.44
22 15 13 00-0064 EA 2" FastPipe Compression Inline Valve ..... Note: For compressed air system	282.83	8.29
22 15 13 00-0065 EA 3" FastPipe Compression Inline Valve ..... Note: For compressed air system	456.38	12.89
<b>22 15 13 00-0066 Compression Single Port Wall Outlet</b> <small>(22 15 13 00-0008)</small>		

**22 Plumbing****22 10 Plumbing Piping****22 15 General Service Compressed-Air Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0067	EA		3/4" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet..... Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compressed air system	64.62	7.59
22 15 13 00-0068	EA		1" Inlet x 1/2" Female NPT Outlet Compression Single Port Wall Outlet..... Note: Includes wall block, drain valve, 1/2" brass plug, spacer plate and threaded male adapted. For compressed air system	66.88	8.29
<b>22 15 13 00-0069</b>			<b>NPT Push To Connect Coupler</b> (22 15 13 00-0068)		
22 15 13 00-0070	EA		1/2" Male NPT Push To Connect Coupler..... Note: For compressed air system	25.42	5.98
<b>22 15 13 00-0071</b>			<b>Quick Disconnect, Air-Service</b> (22 15 13)		
<b>22 15 13 00-0072</b>			<b>Combination Steel And Brass</b> (22 15 13 00-0071)		
22 15 13 00-0073	EA		1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	55.45	16.11
22 15 13 00-0074	EA		3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	61.86	19.56
<b>22 15 13 00-0075</b>			<b>Refrigerated Air Dryers With Ambient Air Filters</b> (22 15 13) Note: 120 Voltage, 1 Phase		
22 15 13 00-0076	EA		3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	824.44	91.89
22 15 13 00-0077	EA		5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	945.65	94.46
22 15 13 00-0078	EA		7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,117.87	97.01
22 15 13 00-0079	EA		10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,260.15	102.11
22 15 13 00-0080	EA		15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,646.40	114.87
22 15 13 00-0081	EA		20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,861.43	130.70
22 15 13 00-0082	EA		25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,087.70	148.06
22 15 13 00-0083	EA		30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,456.04	165.92
22 15 13 00-0084	EA		40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,846.57	194.01
22 15 13 00-0085	EA		50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,210.84	207.28
22 15 13 00-0086	EA		60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,776.90	229.74
22 15 13 00-0087	EA		75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,347.13	255.27
			<i>For 230 Voltage, Add</i>	1,150.97	
22 15 13 00-0088	EA		85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,697.36	280.81
			<i>For 230 Voltage, Add</i>	1,240.73	
22 15 13 00-0089	EA		100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,056.49	311.43
			<i>For 230 Voltage, Add</i>	1,330.49	
22 15 13 00-0090	EA		125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,468.24	331.86
			<i>For 230 Voltage, Add</i>	1,441.36	
22 15 13 00-0091	EA		175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,784.14	344.62
			<i>For 230 Voltage, Add</i>	1,528.47	
22 15 13 00-0092	EA		200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,086.23	357.39
			<i>For 230 Voltage, Add</i>	2,811.44	
22 15 13 00-0093	EA		250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,842.12	370.15
			<i>For 230 Voltage, Add</i>	3,030.55	
22 15 13 00-0094	EA		300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	11,576.89	382.91
			<i>For 230 Voltage, Add</i>	3,243.32	
22 15 13 00-0095	EA		400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	13,766.22	408.44
			<i>For 230 Voltage, Add</i>	3,884.80	
22 15 13 00-0096	EA		500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	15,601.86	510.55
			<i>For 230 Voltage, Add</i>	4,374.23	
22 15 13 00-0097	EA		600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	22,220.92	612.65
			<i>For 230 Voltage, Add</i>	6,298.68	
22 15 13 00-0098	EA		800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	30,203.89	714.76
			<i>For 230 Voltage, Add</i>	8,632.31	
22 15 13 00-0099	EA		1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	33,813.52	816.88
			<i>For 230 Voltage, Add</i>	9,653.93	
<b>22 15 13 00-0100</b>			<b>Oil And Water Separator For Air Compressor</b> (22 15 13)		
22 15 13 00-0101	EA		0-60 SCFM Oil/Water Separator.....	749.58	36.88
22 15 13 00-0102	EA		85 SCFM Oil/Water Separator.....	1,005.10	43.21
22 15 13 00-0103	EA		190 SCFM Oil/Water Separator.....	1,175.01	48.98
22 15 13 00-0104	EA		245 SCFM Oil/Water Separator.....	1,475.64	57.62
22 15 13 00-0105	EA		320 SCFM Oil/Water Separator.....	1,753.89	69.14
22 15 13 00-0106	EA		700 SCFM Oil/Water Separator.....	3,535.13	144.06
<b>22 15 13 00-0107</b>			<b>Heavy-Duty Industrial Pressure Regulator</b> (22 15 13)		
22 15 13 00-0108	EA		3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	126.39	30.63
22 15 13 00-0109	EA		1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	176.72	40.84
22 15 13 00-0110	EA		3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	304.15	51.05
22 15 13 00-0111	EA		1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	379.84	76.58
22 15 13 00-0112	EA		1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	533.03	89.34
22 15 13 00-0113	EA		1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	558.55	102.11
<b>22 15 13 00-0114</b>			<b>Heatless Desiccant Air Dryers</b> (22 15 13)		
22 15 13 00-0115	EA		5 SCFM Heatless Desiccant Air Dryer.....	2,898.80	91.89
22 15 13 00-0116	EA		10 SCFM Heatless Desiccant Air Dryer.....	3,486.42	102.11



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0117 EA 15 SCFM Heatless Desiccant Air Dryer.....	3,519.17	112.32
22 15 13 00-0118 EA 20 SCFM Heatless Desiccant Air Dryer.....	4,019.76	127.63
22 15 13 00-0119 EA 30 SCFM Heatless Desiccant Air Dryer.....	5,540.27	153.16
22 15 13 00-0120 EA 50 SCFM Heatless Desiccant Air Dryer.....	5,464.63	204.21
22 15 13 00-0121 EA 85 SCFM Heatless Desiccant Air Dryer.....	7,342.48	255.27
22 15 13 00-0122 EA 100 SCFM Heatless Desiccant Air Dryer.....	7,787.41	306.33
22 15 13 00-0123 EA 125 SCFM Heatless Desiccant Air Dryer.....	8,914.49	357.39
22 15 13 00-0124 EA 175 SCFM Heatless Desiccant Air Dryer.....	10,236.74	408.44
22 15 13 00-0125 EA 200 SCFM Heatless Desiccant Air Dryer.....	10,997.94	459.49
22 15 13 00-0126 EA 300 SCFM Heatless Desiccant Air Dryer.....	13,454.78	510.55
22 15 13 00-0127 EA 400 SCFM Heatless Desiccant Air Dryer.....	14,940.21	612.65
22 15 13 00-0128 EA 500 SCFM Heatless Desiccant Air Dryer.....	17,266.87	714.76
22 15 13 00-0129 EA 600 SCFM Heatless Desiccant Air Dryer.....	19,924.39	816.88
<b>22 15 13 00-0130</b>	<b>Air-Cooled Aftercoolers (22 15 13)</b>	
22 15 13 00-0131 EA 20 SCFM Air-Cooled Aftercooler.....	726.03	63.82
22 15 13 00-0132 EA 35 SCFM Air-Cooled Aftercooler.....	982.07	76.58
22 15 13 00-0133 EA 43 SCFM Air-Cooled Aftercooler.....	1,078.00	89.34
22 15 13 00-0134 EA 70 SCFM Air-Cooled Aftercooler.....	1,318.23	102.11
22 15 13 00-0135 EA 125 SCFM Air-Cooled Aftercooler.....	1,840.04	114.87
22 15 13 00-0136 EA 185 SCFM Air-Cooled Aftercooler.....	2,066.21	127.63
22 15 13 00-0137 EA 260 SCFM Air-Cooled Aftercooler.....	4,013.38	153.16
22 15 13 00-0138 EA 365 SCFM Air-Cooled Aftercooler.....	4,193.27	178.69
22 15 13 00-0139 EA 560 SCFM Air-Cooled Aftercooler.....	4,371.73	204.21
22 15 13 00-0140 EA 650 SCFM Air-Cooled Aftercooler.....	5,128.15	229.74
22 15 13 00-0141 EA 750 SCFM Air-Cooled Aftercooler.....	5,605.81	255.27
22 15 13 00-0142 EA 900 SCFM Air-Cooled Aftercooler.....	6,429.81	280.81
22 15 13 00-0143 EA 1,100 SCFM Air-Cooled Aftercooler.....	8,261.88	306.33
22 15 13 00-0144 EA 1,460 SCFM Air-Cooled Aftercooler.....	9,452.65	331.86
22 15 13 00-0145 EA 1,800 SCFM Air-Cooled Aftercooler.....	9,758.89	357.39
22 15 13 00-0146 EA 2,500 SCFM Air-Cooled Aftercooler.....	10,464.63	382.91
<b>22 15 13 00-0147</b>	<b>Compressed Air Coalescing Filters (22 15 13)</b>	
<b>22 15 13 00-0148</b>	<b>1.0 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0147)</b>	
22 15 13 00-0149 EA 10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	250.90	37.45
22 15 13 00-0150 EA 20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	300.18	37.45
22 15 13 00-0151 EA 50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	327.54	43.21
22 15 13 00-0152 EA 75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	377.17	49.55
22 15 13 00-0153 EA 100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	440.34	54.74
22 15 13 00-0154 EA 140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	498.58	66.26
22 15 13 00-0155 EA 175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	525.50	72.02
22 15 13 00-0156 EA 250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	651.56	86.43
22 15 13 00-0157 EA 280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	835.90	115.24
22 15 13 00-0158 EA 350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	956.22	129.65
<b>22 15 13 00-0159</b>	<b>0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0147)</b>	
22 15 13 00-0160 EA 16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	307.23	37.45
22 15 13 00-0161 EA 30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	332.81	43.21
22 15 13 00-0162 EA 60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	382.10	49.55
22 15 13 00-0163 EA 100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	450.20	48.98
22 15 13 00-0164 EA 140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	509.84	66.26
22 15 13 00-0165 EA 180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	578.76	72.02
22 15 13 00-0166 EA 250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	664.23	86.43
22 15 13 00-0167 EA 280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	857.01	115.24
22 15 13 00-0168 EA 350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	984.38	129.65
<b>22 15 13 00-0169</b>	<b>Compressed Air Storage Tanks (22 15 13)</b>	
<b>22 15 13 00-0170</b>	<b>Horizontal Compressed Air Storage Tanks (22 15 13 00-0169)</b>	
22 15 13 00-0171 EA 12 Gallon Horizontal Compressed Air Storage Tank, ASME.....	409.76	81.69
22 15 13 00-0172 EA 15 Gallon Horizontal Compressed Air Storage Tank, ASME.....	739.97	89.34
22 15 13 00-0173 EA 20 Gallon Horizontal Compressed Air Storage Tank, ASME.....	784.24	93.94
22 15 13 00-0174 EA 30 Gallon Horizontal Compressed Air Storage Tank, ASME.....	895.64	102.11
22 15 13 00-0175 EA 60 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,167.77	137.85
22 15 13 00-0176 EA 80 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,413.80	153.16
22 15 13 00-0177 EA 120 Gallon Horizontal Compressed Air Storage Tank, ASME.....	2,136.30	178.69
22 15 13 00-0178 EA 200 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,204.67	204.21
22 15 13 00-0179 EA 240 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,576.10	216.98
22 15 13 00-0180 EA 325 Gallon Horizontal Compressed Air Storage Tank, ASME.....	5,195.28	229.74
22 15 13 00-0181 EA 400 Gallon Horizontal Compressed Air Storage Tank, ASME.....	6,855.36	268.04
22 15 13 00-0182 EA 660 Gallon Horizontal Compressed Air Storage Tank, ASME.....	9,881.76	319.10
<b>22 15 13 00-0183</b>	<b>Vertical Compressed Air Storage Tanks (22 15 13 00-0169)</b>	
22 15 13 00-0184 EA 10 Gallon Vertical Compressed Air Storage Tank, ASME.....	689.57	81.69
22 15 13 00-0185 EA 15 Gallon Vertical Compressed Air Storage Tank, ASME.....	722.43	89.34



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

22 15 13 00-0186	EA		20 Gallon Vertical Compressed Air Storage Tank, ASME .....	784.24	93.94
22 15 13 00-0187	EA		30 Gallon Vertical Compressed Air Storage Tank, ASME .....	930.37	102.11
22 15 13 00-0188	EA		60 Gallon Vertical Compressed Air Storage Tank, ASME .....	1,271.96	137.85
22 15 13 00-0189	EA		80 Gallon Vertical Compressed Air Storage Tank, ASME .....	1,463.97	153.16
22 15 13 00-0190	EA		120 Gallon Vertical Compressed Air Storage Tank, ASME .....	2,027.20	178.69
22 15 13 00-0191	EA		200 Gallon Vertical Compressed Air Storage Tank, ASME .....	2,979.80	204.21
22 15 13 00-0192	EA		240 Gallon Vertical Compressed Air Storage Tank, ASME .....	3,289.48	216.98
22 15 13 00-0193	EA		325 Gallon Vertical Compressed Air Storage Tank, ASME .....	4,493.69	229.74
22 15 13 00-0194	EA		400 Gallon Vertical Compressed Air Storage Tank, ASME .....	5,766.50	268.04
22 15 13 00-0195	EA		500 Gallon Vertical Compressed Air Storage Tank, ASME .....	7,536.48	293.57
22 15 13 00-0196	EA		660 Gallon Vertical Compressed Air Storage Tank, ASME .....	12,573.37	331.86

### 22 15 19 General Service Packaged Air Compressors and Receivers (22 15)

Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.

#### 22 15 19 13 General Service Packaged Reciprocating Air Compressors (22 15 19)

##### 22 15 19 13-0001 Single Stage Compressor (22 15 19 13)

Note: Includes receiver, reciprocating air-cooled, 140 PSIG working pressure, splash lubricated, tank mounted.

22 15 19 13-0002	EA		1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	3,048.67	362.28
22 15 19 13-0003	EA		3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	3,181.79	418.14
22 15 19 13-0004	EA		1 HP 1-Stage Air Compressor, 2.5 ACFM Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	3,629.44	493.81
22 15 19 13-0005	EA		2 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	4,136.47	544.86
22 15 19 13-0006	EA		3 HP 1-Stage Air Compressor, Air-Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure .....	5,067.82	575.49
22 15 19 13-0007	EA		3 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure .....	5,416.44	595.91
22 15 19 13-0008	EA		5 HP 1-Stage Air Compressor, Air-Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure .....	6,081.35	681.07
22 15 19 13-0009	EA		5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure .....	6,523.60	721.92
22 15 19 13-0010	EA		7.5 HP 1-Stage Air Compressor, Air-Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure .....	7,831.46	817.28

##### 22 15 19 13-0011 Two Stage Compressor (22 15 19 13)

Note: With receiver, reciprocating air-cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.

22 15 19 13-0012	EA		1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure .....	5,834.14	636.75
22 15 19 13-0013	EA		2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure .....	6,257.41	749.17
22 15 19 13-0014	EA		3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure .....	6,537.62	817.28
22 15 19 13-0015	EA		5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure .....	7,450.96	1,089.71
22 15 19 13-0016	EA		5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure .....	8,040.31	1,089.71
22 15 19 13-0017	EA		7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure .....	8,615.59	1,362.14
22 15 19 13-0018	EA		7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure .....	9,150.12	1,362.14
22 15 19 13-0019	EA		10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure .....	11,735.75	1,684.80
22 15 19 13-0020	EA		10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure .....	12,586.33	1,735.85
22 15 19 13-0021	EA		15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure .....	13,597.91	2,028.70
22 15 19 13-0022	EA		20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure .....	20,567.27	2,296.44
22 15 19 13-0023	EA		25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure .....	22,081.96	2,594.90
22 15 19 13-0024	EA		30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure .....	24,615.30	2,867.94
22 15 19 13-0025	EA		30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure .....	26,776.50	3,143.13

#### 22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

##### 22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)

Note: Oil flooded.

22 15 19 19-0002	EA		3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated .....	9,984.81	919.64
22 15 19 19-0003	EA		5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated .....	11,117.38	1,226.19
22 15 19 19-0004	EA		7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	14,259.24	1,537.35
22 15 19 19-0005	EA		10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	16,466.60	1,959.15
22 15 19 19-0006	EA		15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	18,838.15	2,304.87
22 15 19 19-0007	EA		20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	22,881.88	2,592.98
22 15 19 19-0008	EA		25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	25,069.81	2,881.10
22 15 19 19-0009	EA		30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	30,188.11	3,226.82
22 15 19 19-0010	EA		40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	33,195.51	3,457.31
22 15 19 19-0011	EA		50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	37,283.12	3,725.83
22 15 19 19-0012	EA		60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	48,588.30	4,033.54
22 15 19 19-0013	EA		75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	53,939.42	4,264.02
22 15 19 19-0014	EA		100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated .....	86,870.05	4,609.75
22 15 19 19-0015	EA		125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated .....	108,482.05	4,984.29
22 15 19 19-0016	EA		150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated .....	126,073.05	5,364.59
22 15 19 19-0017	EA		220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated .....	164,207.31	5,762.19
22 15 19 19-0018	EA		250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated .....	186,619.00	6,130.97

##### 22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 19 19-0020 EA 5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	12,452.34	1,226.19
22 15 19 19-0021 EA 5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated.....	13,241.81	1,226.19
22 15 19 19-0022 EA 7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	14,886.98	1,537.35
22 15 19 19-0023 EA 7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	15,750.46	1,537.35
22 15 19 19-0024 EA 10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	16,811.99	1,959.15
22 15 19 19-0025 EA 10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	17,724.81	1,959.15
22 15 19 19-0026 EA 15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	19,123.24	2,304.87
22 15 19 19-0027 EA 15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	20,110.07	2,304.87
22 15 19 19-0028 EA 20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	33,276.51	2,592.98
22 15 19 19-0029 EA 25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	35,834.50	2,881.10
22 15 19 19-0030 EA 30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated.....	38,145.81	3,226.82

## 22 30 Plumbing Equipment <sup>(22)</sup>

### 22 31 Domestic Water Softeners <sup>(22 30)</sup>

#### 22 31 16 Commercial Domestic Water Softeners <sup>(22 31)</sup>

22 31 16 00-0001 Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16)</sup>

22 31 16 00-0002 Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0001)</sup>

22 31 16 00-0003 1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0004 EA 30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11).....	5,216.98	291.37
22 31 16 00-0005 EA 45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11).....	5,453.10	304.61
22 31 16 00-0006 EA 60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11).....	5,892.06	317.86
22 31 16 00-0007 EA 90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11).....	6,802.13	331.10
22 31 16 00-0008 EA 120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11).....	7,254.62	344.35

22 31 16 00-0009 1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0010 EA 60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11).....	7,882.35	317.86
22 31 16 00-0011 EA 90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11).....	8,292.03	331.10
22 31 16 00-0012 EA 120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11).....	8,746.78	344.35
22 31 16 00-0013 EA 150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11).....	10,423.20	357.59
22 31 16 00-0014 EA 210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11).....	11,601.49	370.83
22 31 16 00-0015 EA 300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11).....	14,163.74	384.08

22 31 16 00-0016 2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) <sup>(22 31 16 00-0002)</sup>

Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.

22 31 16 00-0017 EA 90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11).....	12,056.23	331.10
22 31 16 00-0018 EA 120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11).....	12,495.19	344.35
22 31 16 00-0019 EA 150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11).....	14,176.13	357.59
22 31 16 00-0020 EA 210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11).....	15,354.42	370.83
22 31 16 00-0021 EA 300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11).....	18,056.42	384.08
22 31 16 00-0022 EA 450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11).....	23,877.96	397.33





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0023 EA 600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11).....	27,963.93	410.56
<b>22 31 16 00-0024 3" Pipe Connection, Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0002)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0025 EA 300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11).....	29,380.56	384.08
22 31 16 00-0026 EA 450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11).....	33,969.16	397.33
22 31 16 00-0027 EA 600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11).....	38,001.04	410.56
22 31 16 00-0028 EA 900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11).....	47,897.82	423.81
22 31 16 00-0029 EA 1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11).....	53,054.44	437.06
<b>22 31 16 00-0030 Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0001)</small>		
<b>22 31 16 00-0031 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0030)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0032 EA 90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21).....	19,814.29	496.66
22 31 16 00-0033 EA 120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21).....	20,694.77	516.52
22 31 16 00-0034 EA 150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21).....	23,594.84	536.39
22 31 16 00-0035 EA 210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21).....	25,814.21	556.25
22 31 16 00-0036 EA 300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21).....	31,570.10	576.11
22 31 16 00-0037 EA 450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21).....	41,919.68	595.99
22 31 16 00-0038 EA 600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21).....	49,388.62	615.85
<b>22 31 16 00-0039 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0030)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.		
22 31 16 00-0040 EA 300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21).....	54,029.06	576.11
22 31 16 00-0041 EA 450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I21).....	62,106.59	595.99
22 31 16 00-0042 EA 600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	69,825.73	615.85
22 31 16 00-0043 EA 900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21).....	88,932.14	635.71
22 31 16 00-0044 EA 1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21).....	99,324.54	655.58
<b>22 31 16 00-0045 Twin Alternating, Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0001)</small>		
<b>22 31 16 00-0046 1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047 EA 30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	6,829.20	437.06
22 31 16 00-0048 EA 45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	7,288.18	456.93
22 31 16 00-0049 EA 60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	7,961.29	476.79
22 31 16 00-0050 EA 90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	9,596.87	496.66
22 31 16 00-0051 EA 120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	10,632.87	516.52
<b>22 31 16 00-0052 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water)</b> <small>(22 31 16 00-0045)</small> Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053 EA 60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	13,580.53	476.79



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0054 EA 90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21) .....	14,323.53	496.66
22 31 16 00-0055 EA 120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21) .....	15,427.15	516.52
22 31 16 00-0056 EA 150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21) .....	17,689.33	536.39
22 31 16 00-0057 EA 210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21) .....	19,985.34	556.25
22 31 16 00-0058 EA 300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21) .....	25,089.83	576.11

## 22 32 Domestic Water Filtration Equipment (22 30)

### 22 32 16 Domestic-Water Freestanding Cartridge Filters (22 32)

22 32 16 00-0001 Commercial Water Filters Housings <small>(22 32 16)</small>		
22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0001)</small>		
22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings <small>(22 32 16 00-0002)</small>		
22 32 16 00-0004 EA 25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1) .....	2,684.91	187.27
22 32 16 00-0005 EA 30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1) .....	2,734.01	201.68
22 32 16 00-0006 EA 60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2) .....	2,909.33	216.08
22 32 16 00-0007 EA 90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3) .....	3,224.39	230.49
22 32 16 00-0008 EA 120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4) .....	3,318.56	244.89
22 32 16 00-0009 EA 150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4) .....	4,037.10	259.30
22 32 16 00-0010 EA 250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3) .....	11,517.67	273.70
22 32 16 00-0011 EA 300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4) .....	13,410.55	288.11
22 32 16 00-0012 EA 500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3) .....	17,050.29	302.51
22 32 16 00-0013 EA 600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4) .....	18,920.62	316.92

### 22 32 16 00-0014 Commercial Water Filter Cartridges (22 32 16 00-0002)

#### 22 32 16 00-0015 (Depth) Water Filter Cartridges (22 32 16 00-0014)

22 32 16 00-0016 EA 50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50) .....	13.06	2.31
22 32 16 00-0017 EA 20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20) .....	13.06	2.31
22 32 16 00-0018 EA 10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10) .....	13.06	2.31
22 32 16 00-0019 EA 5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5) .....	10.81	2.31
22 32 16 00-0020 EA 1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1) .....	13.63	2.31
22 32 16 00-0021 EA 50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50) .....	13.63	2.31
22 32 16 00-0022 EA 20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20) .....	14.75	2.31
22 32 16 00-0023 EA 5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5) .....	18.70	2.31
22 32 16 00-0024 EA 1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1) .....	14.75	2.31
22 32 16 00-0025 EA 50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50) .....	17.57	2.31
22 32 16 00-0026 EA 20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20) .....	17.57	2.31
22 32 16 00-0027 EA 5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5) .....	17.57	2.31
22 32 16 00-0028 EA 1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1) .....	19.26	2.31
22 32 16 00-0029 EA 50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50) .....	25.46	2.31
22 32 16 00-0030 EA 20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20) .....	23.21	2.31
22 32 16 00-0031 EA 5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5) .....	23.21	2.31
22 32 16 00-0032 EA 1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1) .....	25.46	2.31

#### 22 32 16 00-0033 Pleated Water Filter Cartridges (22 32 16 00-0014)

22 32 16 00-0034 EA 50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50) .....	23.77	2.31
22 32 16 00-0035 EA 20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20) .....	23.77	2.31
22 32 16 00-0036 EA 5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5) .....	24.33	2.31
22 32 16 00-0037 EA 1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1) .....	26.02	2.31
22 32 16 00-0038 EA 1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB) .....	39.55	2.31
22 32 16 00-0039 EA 50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50) .....	37.86	2.31
22 32 16 00-0040 EA 20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20) .....	37.86	2.31
22 32 16 00-0041 EA 5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5) .....	37.86	2.31
22 32 16 00-0042 EA 1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1) .....	50.25	2.31
22 32 16 00-0043 EA 1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB) .....	71.67	2.31
22 32 16 00-0044 EA 50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50) .....	59.83	2.31
22 32 16 00-0045 EA 20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20) .....	83.50	2.31
22 32 16 00-0046 EA 5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5) .....	86.88	2.31
22 32 16 00-0047 EA 1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1) .....	98.15	2.31

### 22 32 16 00-0048 Commercial Non-Metallic Water Filter Housings (22 32 16 00-0001)

**22 Plumbing****22 30 Plumbing Equipment****22 32 Domestic Water Filtration Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 32 16 00-0049 Commercial Non-Metallic Water Filter Housings</b> (22 32 16 00-0048)		
22 32 16 00-0050 EA 150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG).....	2,104.99	172.87
<b>22 32 16 00-0051 Commercial Water Filter Cartridges</b> (22 32 16 00-0048)		
<b>22 32 16 00-0052 Carbon Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0053 EA Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5).....	706.73	2.31
<b>22 32 16 00-0054 (Depth) Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0055 EA 50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50).....	146.05	2.31
22 32 16 00-0056 EA 20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20).....	144.92	2.31
22 32 16 00-0057 EA 5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5).....	144.92	2.31
22 32 16 00-0058 EA 1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1).....	166.34	2.31
<b>22 32 16 00-0059 Pleated Water Filter Cartridges</b> (22 32 16 00-0051)		
22 32 16 00-0060 EA 150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150).....	387.79	2.31
22 32 16 00-0061 EA 50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50).....	364.12	2.31
22 32 16 00-0062 EA 20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20).....	396.81	2.31
22 32 16 00-0063 EA 5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5).....	415.97	2.31
22 32 16 00-0064 EA 1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1).....	443.01	2.31
22 32 16 00-0065 EA 1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB).....	480.21	2.31

**22 33 Electric Domestic Water Heaters** (22 30)**22 33 13 Instantaneous Electric Domestic Water Heaters** (22 33)**22 33 13 13 Flow-Control, Instantaneous Electric Domestic Water Heaters** (22 33 13)**22 33 13 13-0001 Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters**

22 33 13 13-0002 EA 3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95).....	532.63	57.53
22 33 13 13-0003 EA 7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P).....	621.34	57.53

**22 33 13 16 Thermostat-Control, Instantaneous Electric Domestic Water Heaters** (22 33 13)**22 33 13 16-0001 Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters** (22 33 13 16)

Note: Temperature rise decreases with increased flow rate.

22 33 13 16-0002 EA 3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T).....	705.91	86.29
22 33 13 16-0003 EA 12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12).....	778.98	115.06
22 33 13 16-0004 EA 17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115).....	1,317.74	201.35
22 33 13 16-0005 EA 26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125).....	2,015.75	230.11
22 33 13 16-0006 EA 12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 12 Plus).....	1,438.81	115.06
22 33 13 16-0007 EA 14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 15 Plus).....	1,963.77	172.59
22 33 13 16-0008 EA 19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 20 Plus).....	2,158.00	230.11
22 33 13 16-0009 EA 24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 24 Plus).....	2,241.84	230.11
22 33 13 16-0010 EA 28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 29 Plus).....	2,321.02	230.11
22 33 13 16-0011 EA 36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Temptra 36 Plus).....	2,437.47	230.11

**22 33 30 Residential, Electric Domestic Water Heaters** (22 33)**22 33 30 13 Residential, Small-Capacity Electric Domestic Water Heaters** (22 33 30)**22 33 30 13-0001 Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax)** (22 33 30)

Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.

22 33 30 13-0002 EA 2 Gallon, Small-Capacity, Electric Domestic Water Heater.....	977.14	181.22
22 33 30 13-0003 EA 10 Gallon, Small-Capacity, Electric Domestic Water Heater.....	1,205.08	192.72
22 33 30 13-0004 EA 20 Gallon, Small-Capacity, Electric Domestic Water Heater.....	1,427.29	201.35

**22 33 30 16 Residential, Storage Electric Domestic Water Heaters** (22 33 30)



		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 33 30 16-0001</b>		<b>Electric Domestic Water Heaters (A.O. Smith ProMax)</b> <small>(22 33 30 16)</small> Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
		22 33 30 16-0002 EA 30 Gallon, Electric Domestic Water Heater ..... 1,527.45		201.35
		22 33 30 16-0003 EA 40 Gallon, Electric Domestic Water Heater ..... 1,433.67		207.11
		22 33 30 16-0004 EA 50 Gallon, Electric Domestic Water Heater ..... 1,409.31		212.86
		22 33 30 16-0005 EA 55 Gallon, Electric Domestic Water Heater ..... 1,577.10		215.74
		22 33 30 16-0006 EA 66 Gallon, Electric Domestic Water Heater ..... 2,307.83		221.48
		22 33 30 16-0007 EA 80 Gallon, Electric Domestic Water Heater ..... 2,350.70		230.11
		22 33 30 16-0008 EA 120 Gallon, Electric Domestic Water Heater ..... 3,138.15		244.49
<b>22 33 30 16-0009</b>		<b>Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax)</b> <small>(22 33 30 16)</small> Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
		22 33 30 16-0010 EA 30 Gallon, Low-Boy, Electric Domestic Water Heater..... 1,642.48		201.35
		22 33 30 16-0011 EA 40 Gallon, Low-Boy, Electric Domestic Water Heater..... 1,561.76		207.11
		22 33 30 16-0012 EA 50 Gallon, Low-Boy, Electric Domestic Water Heater..... 1,655.24		212.86
<b>22 33 30 16-0013</b>		<b>High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist)</b> <small>(22 33 30 16)</small> Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
		22 33 30 16-0014 EA 40 Gallon, High Efficiency, Electric Domestic Water Heater..... 1,696.13		207.11
		22 33 30 16-0015 EA 50 Gallon, High Efficiency, Electric Domestic Water Heater..... 1,855.06		212.86
		22 33 30 16-0016 EA 66 Gallon, High Efficiency, Electric Domestic Water Heater ..... 2,289.76		221.48
		22 33 30 16-0017 EA 80 Gallon, High Efficiency, Electric Domestic Water Heater..... 2,491.47		230.11
<b>22 33 30 16-0018</b>		<b>Water Heater Accessories</b> <small>(22 33 30 16)</small>		
		22 33 30 16-0019 EA 2 Gallon, Expansion Pressure Tank For Water Heaters ..... 130.73		11.51
		22 33 30 16-0020 EA 4.4 Gallon, Expansion Pressure Tank For Water Heaters ..... 154.76		11.51
		22 33 30 16-0021 EA 7.6 Gallon, Expansion Pressure Tank For Water Heaters ..... 303.24		11.51
		22 33 30 16-0022 EA 14 Gallon, Expansion Pressure Tank For Water Heaters ..... 407.74		11.51
		22 33 30 16-0023 EA 20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan ..... 76.29		8.63
		22 33 30 16-0024 EA 22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan ..... 83.40		8.63
		22 33 30 16-0025 EA 24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan ..... 88.14		8.63
		22 33 30 16-0026 EA 26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan ..... 104.74		8.63
		22 33 30 16-0027 EA 22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan ..... 40.61		8.63
		22 33 30 16-0028 EA 24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan ..... 44.40		8.63
		22 33 30 16-0029 EA 26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan ..... 49.74		8.63
		22 33 30 16-0030 EA 28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan ..... 56.60		8.63
<b>22 33 30 23</b>		<b>Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters</b> <small>(22 33 30)</small>		
<b>22 33 30 23-0001</b>		<b>Solar Electric Domestic Water Heaters (A.O. Smith CIRREX)</b> <small>(22 33 30 23)</small> Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
		22 33 30 23-0002 EA 80 Gallon, Solar Electric Domestic Water Heater ..... 3,888.37		230.11
		22 33 30 23-0003 EA 120 Gallon, Solar Electric Domestic Water Heater ..... 4,666.12		244.49
<b>22 33 33</b>		<b>Light-Commercial Electric Domestic Water Heaters</b> <small>(22 33)</small>		
<b>22 33 33 00-0001</b>		<b>Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN)</b> <small>(22 33 33)</small> Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.		
		22 33 33 00-0002 EA Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)..... 2,044.72		201.35
		22 33 33 00-0003 EA Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)..... 2,211.58		201.35
		22 33 33 00-0004 EA Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)..... 2,393.59		230.11
		22 33 33 00-0005 EA Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)..... 4,300.60		230.11
		22 33 33 00-0006 EA Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)..... 4,945.39		287.64
		22 33 33 00-0007 EA Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)..... 5,457.73		345.18
		22 33 33 00-0008 EA Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)..... 6,433.29		517.76
<b>22 33 33 00-0009</b>		<b>Heavy-Duty Electric Commercial Water Heaters (A.O. Smith DSE)</b> <small>(22 33 33)</small> Note: Includes glass lined tank, ASME tank construction, drain valve, and temperature and pressure relief valve.		
		22 33 33 00-0010 EA 3 KW, 5 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-5-3)..... 7,951.15		201.35
		22 33 33 00-0011 EA 3 KW, 10 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-10-3)..... 8,268.98		201.35
		22 33 33 00-0012 EA 6 KW, 10 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-10-6)..... 8,613.31		201.35
		22 33 33 00-0013 EA 3 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-3)..... 8,670.84		230.11
		22 33 33 00-0014 EA 6 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-6)..... 9,068.13		230.11
		22 33 33 00-0015 EA 9 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-9)..... 9,703.80		230.11
		22 33 33 00-0016 EA 12 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-12)..... 10,127.58		230.11
		22 33 33 00-0017 EA 15 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-15)..... 10,471.90		230.11
		22 33 33 00-0018 EA 18 KW, 20 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-20-18)..... 10,842.71		230.11
		22 33 33 00-0019 EA 6 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-6)..... 9,465.42		230.11
		22 33 33 00-0020 EA 9 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-9)..... 9,836.23		230.11



**22 Plumbing****22 30 Plumbing Equipment****22 33 Electric Domestic Water Heaters**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-12)	10,260.01	230.11
22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-15)	10,604.33	230.11
22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-18)	10,975.14	230.11
22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-30-24)	13,703.22	230.11
22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-9)	10,295.61	287.64
22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-12)	10,639.93	287.64
22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-15)	11,063.71	287.64
22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-18)	11,434.52	287.64
22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-24)	14,189.09	287.64
22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-30)	15,460.43	287.64
22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-40-36)	16,705.28	287.64
22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-9)	11,893.89	345.18
22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-12)	12,238.21	345.18
22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-15)	12,582.53	345.18
22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-18)	12,953.34	345.18
22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-24)	15,787.37	345.18
22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-30)	17,058.71	345.18
22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-36)	18,303.56	345.18
22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-45)	20,554.90	345.18
22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-54)	21,561.37	345.18
22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-60)	25,057.56	345.18
22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-75)	29,560.22	345.18
22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-50-90)	37,135.29	345.18
22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-9)	13,342.38	460.23
22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-12)	13,739.67	460.23
22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-15)	14,110.48	460.23
22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-18)	14,428.32	460.23
22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-24)	17,235.86	460.23
22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-30)	18,507.20	460.23
22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-36)	19,725.57	460.23
22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-45)	22,029.87	460.23
22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-54)	23,009.86	460.23
22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-60)	26,532.53	460.23
22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-75)	31,061.68	460.23
22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-65-90)	38,610.26	460.23
22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-12)	14,914.18	517.76
22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-15)	15,284.99	517.76
22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-18)	15,602.83	517.76
22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-24)	18,436.85	517.76
22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-30)	19,575.76	517.76
22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-36)	20,900.08	517.76
22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-45)	23,204.38	517.76
22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-54)	24,210.86	517.76
22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-60)	27,521.64	517.76
22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-75)	32,236.19	517.76
22 33 33 00-0066	EA	90 KW, 80 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-80-90)	39,784.77	517.76
22 33 33 00-0067	EA	15 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-15)	16,777.34	575.29
22 33 33 00-0068	EA	18 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-18)	17,201.12	575.29
22 33 33 00-0069	EA	24 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-24)	19,955.69	575.29
22 33 33 00-0070	EA	30 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-30)	21,227.03	575.29
22 33 33 00-0071	EA	36 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-36)	22,471.88	575.29
22 33 33 00-0072	EA	45 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-45)	24,723.21	575.29
22 33 33 00-0073	EA	54 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-54)	25,756.17	575.29
22 33 33 00-0074	EA	60 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-60)	29,225.87	575.29
22 33 33 00-0075	EA	75 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-75)	33,728.54	575.29
22 33 33 00-0076	EA	90 KW, 100 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-100-90)	41,330.09	575.29
22 33 33 00-0077	EA	15 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-15)	17,960.96	690.34
22 33 33 00-0078	EA	18 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-18)	18,331.77	690.34
22 33 33 00-0079	EA	24 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-24)	21,086.34	690.34
22 33 33 00-0080	EA	30 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-30)	22,304.71	690.34
22 33 33 00-0081	EA	36 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-36)	23,602.53	690.34
22 33 33 00-0082	EA	45 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-45)	25,853.86	690.34
22 33 33 00-0083	EA	54 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-54)	26,807.37	690.34
22 33 33 00-0084	EA	60 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-60)	30,383.01	690.34
22 33 33 00-0085	EA	75 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-75)	34,912.16	690.34
22 33 33 00-0086	EA	90 KW, 120 Gallon, Heavy-Duty Electric Commercial Water Heater (DSE-120-90)	42,434.26	690.34

**22 33 33 00-0087 Water Heater Accessories (22 33 33)**

22 33 33 00-0088	EA	Up To 80 Gallon Water Heater Strap ..... 49.55 Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carriage Bolts (2) 3/8" Hex Nuts
22 33 33 00-0089	EA	>80 To 120 Gallon Water Heater Strap ..... 72.79 Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carriage Bolts (2) 3/8" Hex Nuts

**22 33 33 00-0090 Removal And Reinstallation Of Water Heater (22 33 33)**

22 33 33 00-0091	EA	Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon ..... 383.53 Note: Includes storage and cleaning.
22 33 33 00-0092	EA	Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon ..... 1,150.58



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**22 33 36 Commercial Domestic Water Electric Booster Heaters (22 33)**

**22 33 36 16 Commercial Storage Electric Domestic Water Heaters (22 33 36)**

**22 33 36 16-0001 Commercial Storage Electric Domestic Water Heaters (22 33 36 16)**

22 33 36 16-0002	EA	150 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater.....	41,247.46	769.20
22 33 36 16-0003	EA	150 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	43,284.62	769.20
22 33 36 16-0004	EA	150 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	45,321.79	769.20
22 33 36 16-0005	EA	150 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	47,358.95	769.20
22 33 36 16-0006	EA	150 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	51,433.28	769.20
22 33 36 16-0007	EA	150 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	55,507.61	769.20
22 33 36 16-0008	EA	150 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	58,767.08	769.20
22 33 36 16-0009	EA	200 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater.....	43,929.93	903.82
22 33 36 16-0010	EA	200 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	45,982.77	903.82
22 33 36 16-0011	EA	200 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	48,035.61	903.82
22 33 36 16-0012	EA	200 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	50,088.45	903.82
22 33 36 16-0013	EA	200 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	54,194.11	903.82
22 33 36 16-0014	EA	200 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	58,299.78	903.82
22 33 36 16-0015	EA	200 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	61,584.32	903.82
22 33 36 16-0016	EA	200 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	66,511.12	903.82
22 33 36 16-0017	EA	250 Gallon, 15 KW, 480 Voltage, Commercial Electric Water Heater.....	45,605.94	1,028.81
22 33 36 16-0018	EA	250 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	47,629.17	1,028.81
22 33 36 16-0019	EA	250 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	49,652.41	1,028.81
22 33 36 16-0020	EA	250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	51,675.64	1,028.81
22 33 36 16-0021	EA	250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	55,722.12	1,028.81
22 33 36 16-0022	EA	250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	59,768.59	1,028.81
22 33 36 16-0023	EA	250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	63,815.06	1,028.81
22 33 36 16-0024	EA	250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	68,670.83	1,028.81
22 33 36 16-0025	EA	250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	73,526.59	1,028.81
22 33 36 16-0026	EA	300 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	50,301.36	1,182.65
22 33 36 16-0027	EA	300 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	52,337.55	1,182.65
22 33 36 16-0028	EA	300 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	54,373.73	1,182.65
22 33 36 16-0029	EA	300 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	58,446.10	1,182.65
22 33 36 16-0030	EA	300 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	62,518.47	1,182.65
22 33 36 16-0031	EA	300 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	65,776.37	1,182.65
22 33 36 16-0032	EA	300 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	72,020.67	1,182.65
22 33 36 16-0033	EA	300 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	76,907.52	1,182.65
22 33 36 16-0034	EA	300 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	79,350.94	1,182.65
22 33 36 16-0035	EA	300 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	81,794.36	1,182.65
22 33 36 16-0036	EA	300 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	84,237.79	1,182.65
22 33 36 16-0037	EA	350 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	55,825.18	1,394.18
22 33 36 16-0038	EA	350 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	57,733.30	1,394.18
22 33 36 16-0039	EA	350 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	59,641.41	1,394.18
22 33 36 16-0040	EA	350 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	63,457.65	1,394.18
22 33 36 16-0041	EA	350 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	67,273.89	1,394.18
22 33 36 16-0042	EA	350 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	70,326.88	1,394.18
22 33 36 16-0043	EA	350 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	74,906.36	1,394.18
22 33 36 16-0044	EA	350 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	79,485.85	1,394.18
22 33 36 16-0045	EA	350 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	81,775.59	1,394.18
22 33 36 16-0046	EA	350 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	84,065.33	1,394.18
22 33 36 16-0047	EA	350 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	86,355.07	1,394.18
22 33 36 16-0048	EA	350 Gallon, 297 KW, 480 Voltage, Commercial Electric Water Heater.....	89,789.69	1,394.18
22 33 36 16-0049	EA	400 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	61,214.38	1,538.41
22 33 36 16-0050	EA	400 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	63,571.90	1,538.41
22 33 36 16-0051	EA	400 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	65,929.43	1,538.41
22 33 36 16-0052	EA	400 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	70,644.47	1,538.41
22 33 36 16-0053	EA	400 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	75,359.53	1,538.41
22 33 36 16-0054	EA	400 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	79,131.57	1,538.41
22 33 36 16-0055	EA	400 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	84,789.64	1,538.41
22 33 36 16-0056	EA	400 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	90,447.69	1,538.41
22 33 36 16-0057	EA	400 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	93,276.72	1,538.41
22 33 36 16-0058	EA	400 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	96,105.75	1,538.41
22 33 36 16-0059	EA	400 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	98,934.79	1,538.41
22 33 36 16-0060	EA	400 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	104,592.85	1,538.41
22 33 36 16-0061	EA	400 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	107,421.87	1,538.41
22 33 36 16-0062	EA	500 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	71,471.39	1,730.71
22 33 36 16-0063	EA	500 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	73,983.85	1,730.71
22 33 36 16-0064	EA	500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	76,496.32	1,730.71
22 33 36 16-0065	EA	500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	81,521.25	1,730.71
22 33 36 16-0066	EA	500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	86,546.18	1,730.71
22 33 36 16-0067	EA	500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	90,566.12	1,730.71
22 33 36 16-0068	EA	500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	96,596.04	1,730.71
22 33 36 16-0069	EA	500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	102,625.96	1,730.71
22 33 36 16-0070	EA	500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	105,640.92	1,730.71
22 33 36 16-0071	EA	500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	108,655.87	1,730.71
22 33 36 16-0072	EA	500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	111,670.83	1,730.71
22 33 36 16-0073	EA	500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	117,700.75	1,730.71
22 33 36 16-0074	EA	500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	120,715.71	1,730.71
22 33 36 16-0075	EA	500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	126,745.63	1,730.71
22 33 36 16-0076	EA	500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	132,775.53	1,730.71
22 33 36 16-0077	EA	600 Gallon, 30 KW, 480 Voltage, Commercial Electric Water Heater.....	83,922.28	1,923.01



**22 Plumbing****22 30 Plumbing Equipment****22 33 Electric Domestic Water Heaters**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

22 33 36 16-0078	EA	600 Gallon, 45 KW, 480 Voltage, Commercial Electric Water Heater.....	86,843.46	1,923.01
22 33 36 16-0079	EA	600 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	89,764.65	1,923.01
22 33 36 16-0080	EA	600 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	95,607.01	1,923.01
22 33 36 16-0081	EA	600 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	101,449.39	1,923.01
22 33 36 16-0082	EA	600 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	106,123.29	1,923.01
22 33 36 16-0083	EA	600 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	112,153.20	1,923.01
22 33 36 16-0084	EA	600 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	119,164.04	1,923.01
22 33 36 16-0085	EA	600 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	122,669.47	1,923.01
22 33 36 16-0086	EA	600 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	126,174.89	1,923.01
22 33 36 16-0087	EA	600 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	129,680.32	1,923.01
22 33 36 16-0088	EA	600 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	137,672.09	1,923.01
22 33 36 16-0089	EA	600 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	144,682.93	1,923.01
22 33 36 16-0090	EA	600 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	148,188.36	1,923.01
22 33 36 16-0091	EA	600 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	155,199.20	1,923.01
22 33 36 16-0092	EA	800 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	96,728.51	2,567.22
22 33 36 16-0093	EA	800 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	102,681.39	2,567.22
22 33 36 16-0094	EA	800 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	108,634.27	2,567.22
22 33 36 16-0095	EA	800 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	113,396.57	2,567.22
22 33 36 16-0096	EA	800 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	120,540.03	2,567.22
22 33 36 16-0097	EA	800 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	127,683.48	2,567.22
22 33 36 16-0098	EA	800 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	131,255.21	2,567.22
22 33 36 16-0099	EA	800 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	134,826.94	2,567.22
22 33 36 16-0100	EA	800 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	138,398.66	2,567.22
22 33 36 16-0101	EA	800 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	145,542.12	2,567.22
22 33 36 16-0102	EA	800 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	152,685.58	2,567.22
22 33 36 16-0103	EA	800 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	156,257.30	2,567.22
22 33 36 16-0104	EA	800 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	163,400.76	2,567.22
22 33 36 16-0105	EA	1,000 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	113,218.01	3,297.97
22 33 36 16-0106	EA	1,000 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	118,314.75	3,297.97
22 33 36 16-0107	EA	1,000 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	123,411.48	3,297.97
22 33 36 16-0108	EA	1,000 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	127,488.87	3,297.97
22 33 36 16-0109	EA	1,000 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	133,604.95	3,297.97
22 33 36 16-0110	EA	1,000 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	139,721.04	3,297.97
22 33 36 16-0111	EA	1,000 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	142,779.07	3,297.97
22 33 36 16-0112	EA	1,000 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	145,837.12	3,297.97
22 33 36 16-0113	EA	1,000 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	148,895.15	3,297.97
22 33 36 16-0114	EA	1,000 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	155,011.24	3,297.97
22 33 36 16-0115	EA	1,000 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	161,127.32	3,297.97
22 33 36 16-0116	EA	1,000 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	164,185.35	3,297.97
22 33 36 16-0117	EA	1,000 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	170,301.43	3,297.97
22 33 36 16-0118	EA	1,250 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	125,601.59	3,846.02
22 33 36 16-0119	EA	1,250 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	130,284.97	3,846.02
22 33 36 16-0120	EA	1,250 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	134,968.34	3,846.02
22 33 36 16-0121	EA	1,250 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	138,715.05	3,846.02
22 33 36 16-0122	EA	1,250 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	144,335.10	3,846.02
22 33 36 16-0123	EA	1,250 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	149,955.15	3,846.02
22 33 36 16-0124	EA	1,250 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	152,765.18	3,846.02
22 33 36 16-0125	EA	1,250 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	155,575.21	3,846.02
22 33 36 16-0126	EA	1,250 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	158,385.24	3,846.02
22 33 36 16-0127	EA	1,250 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	164,005.29	3,846.02
22 33 36 16-0128	EA	1,250 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	169,625.34	3,846.02
22 33 36 16-0129	EA	1,250 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	172,435.36	3,846.02
22 33 36 16-0130	EA	1,250 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	178,055.42	3,846.02
22 33 36 16-0131	EA	1,250 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater.....	183,675.47	3,846.02
22 33 36 16-0132	EA	1,500 Gallon, 60 KW, 480 Voltage, Commercial Electric Water Heater.....	137,763.82	4,615.23
22 33 36 16-0133	EA	1,500 Gallon, 90 KW, 480 Voltage, Commercial Electric Water Heater.....	142,288.68	4,615.23
22 33 36 16-0134	EA	1,500 Gallon, 120 KW, 480 Voltage, Commercial Electric Water Heater.....	146,813.53	4,615.23
22 33 36 16-0135	EA	1,500 Gallon, 144 KW, 480 Voltage, Commercial Electric Water Heater.....	150,433.42	4,615.23
22 33 36 16-0136	EA	1,500 Gallon, 180 KW, 480 Voltage, Commercial Electric Water Heater.....	155,863.25	4,615.23
22 33 36 16-0137	EA	1,500 Gallon, 216 KW, 480 Voltage, Commercial Electric Water Heater.....	161,293.07	4,615.23
22 33 36 16-0138	EA	1,500 Gallon, 234 KW, 480 Voltage, Commercial Electric Water Heater.....	164,007.99	4,615.23
22 33 36 16-0139	EA	1,500 Gallon, 252 KW, 480 Voltage, Commercial Electric Water Heater.....	166,722.90	4,615.23
22 33 36 16-0140	EA	1,500 Gallon, 270 KW, 480 Voltage, Commercial Electric Water Heater.....	169,437.82	4,615.23
22 33 36 16-0141	EA	1,500 Gallon, 306 KW, 480 Voltage, Commercial Electric Water Heater.....	174,867.64	4,615.23
22 33 36 16-0142	EA	1,500 Gallon, 324 KW, 480 Voltage, Commercial Electric Water Heater.....	180,297.47	4,615.23
22 33 36 16-0143	EA	1,500 Gallon, 360 KW, 480 Voltage, Commercial Electric Water Heater.....	183,012.39	4,615.23
22 33 36 16-0144	EA	1,500 Gallon, 396 KW, 480 Voltage, Commercial Electric Water Heater.....	188,442.22	4,615.23
22 33 36 16-0145	EA	1,500 Gallon, 432 KW, 480 Voltage, Commercial Electric Water Heater.....	193,872.04	4,615.23

**22 34 Fuel-Fired Domestic Water Heaters** (22 30)**22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters** (22 34)

22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)

22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)

00-0001

Note: Includes vent connection. Excludes vent.

22 34 13 00-0003	EA	4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN).....	2,154.85	230.11
22 34 13 00-0004	EA	5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN).....	2,338.15	232.99



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 13 00-0005 EA 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN).....	2,575.60	238.74
22 34 13 00-0006 EA 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN).....	3,022.61	244.49
22 34 13 00-0007 EA 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN).....	3,684.29	258.88
22 34 13 00-0008 EA 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN).....	3,764.98	258.88
<b>22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)</b>		
22 34 13 00-0010 EA 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	2,332.39	230.11
22 34 13 00-0011 EA 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	3,684.29	258.88
<b>22 34 30 Residential Gas Domestic Water Heaters (22 34)</b>		
<b>22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 13)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002 EA 30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30) .....	1,595.65	221.48
22 34 30 13-0003 EA 40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40).....	1,563.61	227.23
22 34 30 13-0004 EA 50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50).....	2,105.41	232.99
22 34 30 13-0005 EA 65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-65) .....	2,283.55	238.74
22 34 30 13-0006 EA 75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75) .....	2,499.88	244.49
22 34 30 13-0007 EA 100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100).....	3,735.37	258.88
<b>22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 16)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002 EA 40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40) .....	2,984.50	227.23
22 34 30 16-0003 EA 50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50).....	3,411.92	232.99
22 34 30 16-0004 EA 75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75).....	4,461.59	238.74
<b>22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)</b>		
<b>22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 19)</b> Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 19-0002 EA 40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40) .....	2,703.60	227.23
22 34 30 19-0003 EA 50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50).....	2,817.59	232.99
<b>22 34 36 Commercial Gas Domestic Water Heaters (22 34)</b>		
<b>22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters (22 34 36)</b>		
<b>22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (22 34 36 13)</b> Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 13-0002 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120) .....	6,785.26	345.18
22 34 36 13-0003 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154) .....	7,238.11	402.70
22 34 36 13-0004 EA 180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180) .....	8,961.28	460.23
22 34 36 13-0005 EA 199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199) .....	7,742.34	460.23
22 34 36 13-0006 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200) .....	8,911.49	460.23
22 34 36 13-0007 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A).....	11,899.81	506.26
22 34 36 13-0008 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250) .....	8,619.62	517.76
22 34 36 13-0009 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A).....	12,814.38	569.53
22 34 36 13-0010 EA 251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251) .....	8,754.70	517.76
22 34 36 13-0011 EA 251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A).....	12,219.35	569.53
22 34 36 13-0012 EA 275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275) .....	9,692.41	632.82
22 34 36 13-0013 EA 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A).....	13,356.98	696.10
22 34 36 13-0014 EA 305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305) .....	10,914.63	632.82
22 34 36 13-0015 EA 305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A).....	13,437.39	696.10
22 34 36 13-0016 EA 365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365) .....	10,547.31	690.34
22 34 36 13-0017 EA 365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A).....	14,834.42	759.38
22 34 36 13-0018 EA 390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400) .....	13,425.89	690.34
22 34 36 13-0019 EA 390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A).....	17,600.49	759.38
22 34 36 13-0020 EA 500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500) .....	17,529.22	747.88
22 34 36 13-0021 EA 150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151).....	8,749.74	402.70

**22 Plumbing****22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 13-0022 EA 150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A) .....	10,502.79	442.97
22 34 36 13-0023 EA 199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201) .....	9,089.93	460.23
22 34 36 13-0024 EA 199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A) .....	10,902.74	506.26
22 34 36 13-0025 EA Sidewall Power Vent System For BTR-120 through BTR-200 .....	2,183.39	287.64
22 34 36 13-0026 EA Sidewall Power Vent System For BTR-250 through BTR-500 .....	2,392.45	287.64

**22 34 36 13-0027 Removal And Reinstallation Of Water Heater (22 34 36 13)**

Note: Includes storage and cleaning.

22 34 36 13-0028 EA Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon .....	522.99	
22 34 36 13-0029 EA Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon .....	1,382.90	

**22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters (22 34 36)****22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) (22 34 36 19)**

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002 EA 90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100) .....	5,514.80	345.18
22 34 36 19-0003 EA 120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120) .....	7,910.99	345.18
22 34 36 19-0004 EA 154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154) .....	9,650.32	402.70
22 34 36 19-0005 EA 180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180) .....	10,038.76	460.23
22 34 36 19-0006 EA 199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199) .....	10,087.01	460.23
22 34 36 19-0007 EA 199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200) .....	10,312.15	460.23
22 34 36 19-0008 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A) .....	12,108.87	506.26
22 34 36 19-0009 EA 250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250) .....	11,376.04	517.76
22 34 36 19-0010 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A) .....	14,004.43	569.53
22 34 36 19-0011 EA 275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275) .....	11,911.70	632.82
22 34 36 19-0012 EA 275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A) .....	14,611.36	696.10
22 34 36 19-0013 EA 310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310) .....	12,169.01	632.82
22 34 36 19-0014 EA 310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A) .....	14,772.18	696.10
22 34 36 19-0015 EA 366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366) .....	13,651.03	690.34
22 34 36 19-0016 EA 366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A) .....	16,056.64	759.38
22 34 36 19-0017 EA 390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400) .....	16,561.84	690.34
22 34 36 19-0018 EA 390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A) .....	19,112.18	759.38

**22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) (22 34 36 19)**

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0020 EA 76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80) .....	4,260.42	345.18
22 34 36 19-0021 EA 100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100) .....	5,739.94	345.18
22 34 36 19-0022 EA 120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120) .....	6,962.16	345.18
22 34 36 19-0023 EA 120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A) .....	10,054.58	379.69
22 34 36 19-0024 EA 150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150) .....	10,293.59	402.70
22 34 36 19-0025 EA 150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A) .....	12,995.47	442.97
22 34 36 19-0026 EA 199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199) .....	10,440.81	460.23
22 34 36 19-0027 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A) .....	13,379.33	506.26
22 34 36 19-0028 EA 250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250) .....	12,067.55	517.76
22 34 36 19-0029 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A) .....	14,695.95	569.53
22 34 36 19-0030 EA 300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A) .....	19,242.92	696.10
22 34 36 19-0031 EA 399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A) .....	20,221.82	759.38
22 34 36 19-0032 EA 499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A) .....	23,275.27	822.66

**22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters (22 34 36)**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm)</b> <small>(22 34 36 23)</small>		
Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.		
22 34 36 23-0002 EA 400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	96,896.77	1,538.41
22 34 36 23-0003 EA 1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	117,289.49	1,634.56
22 34 36 23-0004 EA 2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	142,662.65	1,730.71
22 34 36 23-0005 EA 3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	170,688.73	1,826.86
22 34 36 23-0006 EA 4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	178,905.13	1,923.01
<b>22 34 36 23-0007 Gas Fired Water Heaters, High Efficiency (90%)</b> <small>(22 34 36 23)</small>		
Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.		
22 34 36 23-0008 EA 500 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	23,878.54	1,051.63
For Skid Mounting, Add	950.00	
22 34 36 23-0009 EA 750 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	32,110.63	1,226.51
For Skid Mounting, Add	950.00	
22 34 36 23-0010 EA 1,000 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	37,681.34	1,471.36
For Skid Mounting, Add	950.00	
22 34 36 23-0011 EA 1,200 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	41,403.56	1,843.68
For Skid Mounting, Add	950.00	
22 34 36 23-0012 EA 1,500 MBH Input, Domestic Hot Water Boiler, Natural Gas Fired, High Efficiency	46,294.20	2,025.01
For Skid Mounting, Add	950.00	
<b>22 34 36 23-0013 Gas Fired Volume Water Heater (Laars Mighty Therm)</b> <small>(22 34 36 23)</small>		
22 34 36 23-0014 EA 200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	11,870.30	849.11
22 34 36 23-0015 EA 300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	12,867.04	955.26
22 34 36 23-0016 EA 400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	14,877.74	1,167.54
22 34 36 23-0017 EA 500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	21,826.86	1,273.68
22 34 36 23-0018 EA 750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	23,977.67	1,485.95
22 34 36 23-0019 EA 1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	27,427.98	1,698.23
22 34 36 23-0020 EA 1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	30,287.80	1,910.51
22 34 36 23-0021 EA 1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	36,266.05	2,122.79
22 34 36 23-0022 EA 1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	37,622.69	2,228.92
22 34 36 23-0023 EA 2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	40,380.15	2,335.06
<b>22 34 36 23-0024 Gas Fired Condensing Volume Water Heaters, High Efficiency (Laars NeoTherm)</b> <small>(22 34 36 23)</small>		
Note: Includes relief valve, pump, flow switch, drain valve, low air pressure switch, hi limit reset switch and copper finned heat exchanger.		
22 34 36 23-0025 EA 150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	19,429.09	636.73
For Skid Mounting, Add	950.00	
22 34 36 23-0026 EA 199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	22,595.87	849.11
For Skid Mounting, Add	950.00	
22 34 36 23-0027 EA 285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	29,620.90	955.26
For Skid Mounting, Add	950.00	
22 34 36 23-0028 EA 399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	37,205.74	1,167.54
For Skid Mounting, Add	950.00	
22 34 36 23-0029 EA 500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	43,987.86	1,273.68
For Skid Mounting, Add	950.00	
22 34 36 23-0030 EA 600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	49,759.25	1,379.81
For Skid Mounting, Add	950.00	
22 34 36 23-0031 EA 750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	59,779.49	1,485.95
For Skid Mounting, Add	950.00	
22 34 36 23-0032 EA 850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	66,266.80	1,592.09
For Skid Mounting, Add	950.00	
22 34 36 23-0033 EA 1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	87,261.57	1,698.23
For Skid Mounting, Add	950.00	
22 34 36 23-0034 EA 1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	117,317.25	2,228.92
For Skid Mounting, Add	950.00	
<b>22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters</b> <small>(22 34 36)</small>		
<b>22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters</b> <small>(22 34 36 26)</small>		
22 34 36 26-0002 EA 1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,442.50	1,613.32
22 34 36 26-0003 EA 1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,562.26	1,783.14
22 34 36 26-0004 EA 2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	55,961.81	1,868.05
22 34 36 26-0005 EA 2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	60,610.19	2,037.87
<b>22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters</b> <small>(22 34 36 26)</small>		
22 34 36 26-0007 EA 1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,285.44	1,613.32
22 34 36 26-0008 EA 1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,666.85	1,783.14
22 34 36 26-0009 EA 2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	39,006.07	1,868.05



**22 Plumbing**

**22 30 Plumbing Equipment**

**22 34 Fuel-Fired Domestic Water Heaters**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 26-0010	EA		2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,377.92	2,037.87
<b>22 34 36 26-0011</b>			<b>Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters</b> <small>(22 34 36 26)</small>		
22 34 36 26-0012	EA		200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,229.57	764.20
22 34 36 26-0013	EA		300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	9,052.29	849.11
22 34 36 26-0014	EA		400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,627.79	1,018.94
22 34 36 26-0015	EA		500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	15,053.15	1,061.40
22 34 36 26-0016	EA		750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,566.27	1,273.68
22 34 36 26-0017	EA		1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,438.15	1,528.41
22 34 36 26-0018	EA		1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,254.35	1,613.32
22 34 36 26-0019	EA		1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	25,784.05	1,740.69
22 34 36 26-0020	EA		1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	28,158.33	1,825.60
22 34 36 26-0021	EA		2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,237.29	1,868.05
<b>22 34 36 26-0022</b>			<b>Patterson Kelley Thermifc Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters</b> <small>(22 34 36 26)</small>		
22 34 36 26-0023	EA		700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifc)	23,539.33	1,273.68
22 34 36 26-0024	EA		1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifc)	25,943.60	1,528.41
22 34 36 26-0025	EA		1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifc)	31,067.02	1,740.69
22 34 36 26-0026	EA		1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifc)	32,020.90	1,825.60
22 34 36 26-0027	EA		2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermifc)	33,499.35	1,868.05
<b>22 34 36 26-0028</b>			<b>Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters</b> <small>(22 34 36 26)</small>		
22 34 36 26-0029	EA		1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,311.30	1,528.41
22 34 36 26-0030	EA		1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,208.82	1,740.69
22 34 36 26-0031	EA		2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,310.26	1,868.05
<b>22 34 46 Oil-Fired Domestic Water Heaters</b> <small>(22 34)</small>					
<b>22 34 46 11 Standard-capacity, Oil-Fired Domestic Water Heaters</b> <small>(22 34 46)</small>					
<b>22 34 46 11-0001 Oil-Fired Domestic Water Heaters (Bock)</b> <small>(22 34 46 11)</small>			Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0002	EA		60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	2,232.94	177.19
22 34 46 11-0003	EA		104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	2,201.50	177.19
22 34 46 11-0004	EA		104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	2,302.51	177.19
22 34 46 11-0005	EA		125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	2,434.39	181.79
22 34 46 11-0006	EA		140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	3,122.48	186.39
22 34 46 11-0007	EA		152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	2,622.99	186.39
<b>22 34 46 11-0008 Oil Fired Commercial Water Heaters</b> <small>(22 34 46 11)</small>			Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 46 11-0009	EA		173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	3,625.32	276.14
22 34 46 11-0010	EA		199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	4,282.92	276.14
22 34 46 11-0011	EA		242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	4,308.21	276.14
22 34 46 11-0012	EA		190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	6,220.78	368.18
22 34 46 11-0013	EA		415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	8,557.12	460.23
22 34 46 11-0014	EA		623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	10,810.00	506.26
<b>22 35 Domestic Water Heat Exchangers</b> <small>(22 30)</small>					
<b>22 35 23 Circulating, Domestic Water Heat Exchangers</b> <small>(22 35)</small>					
<b>22 35 23 13 Circulating, Compact Domestic Water Heat Exchangers</b> <small>(22 35 23)</small>					
<b>22 35 23 13-0001 Steam Driven Water Heaters</b> <small>(22 35 23 13)</small>					
<b>22 35 23 13-0002 Constant Flow</b> <small>(22 35 23 13-0001)</small>					
22 35 23 13-0003	EA		30 GPM, 700 Lb./Hour Steam Water Heater, Constant Flow	6,478.50	575.29
22 35 23 13-0004	EA		90 GPM, 1,250 Lb./Hour Steam Water Heater, Constant Flow	8,091.51	704.96
22 35 23 13-0005	EA		140 GPM, 2,500 Lb./Hour Steam Water Heater, Constant Flow	10,368.54	921.96
22 35 23 13-0006	EA		230 GPM, 5,000 Lb./Hour Steam Water Heater, Constant Flow	14,030.47	1,284.16
22 35 23 13-0007	EA		500 GPM, 7,500 Lb./Hour Steam Water Heater, Constant Flow	20,703.40	2,114.99
22 35 23 13-0008	EA		900 GPM, 10,000 Lb./Hour Steam Water Heater, Constant Flow	22,563.40	2,397.00
22 35 23 13-0009	EA		1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Constant Flow	29,608.04	2,765.76
22 35 23 13-0010	EA		2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Constant Flow	35,624.91	3,268.67



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Equipment</b>	<b>22 30</b>
	<b>Domestic Water Heat Exchangers</b>	<b>22 35</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 35 23 13-0011			<b>Variable Flow</b> <small>(22 35 23 13-0001)</small>		
22 35 23 13-0012	EA		30 GPM, 700 Lb./Hour Steam Water Heater, Variable Flow.....	9,760.40	1,121.81
22 35 23 13-0013	EA		90 GPM, 1,250 Lb./Hour Steam Water Heater, Variable Flow.....	11,062.54	1,369.76
22 35 23 13-0014	EA		140 GPM, 2,500 Lb./Hour Steam Water Heater, Variable Flow.....	14,111.85	1,771.19
22 35 23 13-0015	EA		230 GPM, 5,000 Lb./Hour Steam Water Heater, Variable Flow.....	18,506.94	2,471.21
22 35 23 13-0016	EA		500 GPM, 7,500 Lb./Hour Steam Water Heater, Variable Flow.....	27,618.94	4,132.87
22 35 23 13-0017	EA		900 GPM, 10,000 Lb./Hour Steam Water Heater, Variable Flow.....	33,611.08	4,551.34
22 35 23 13-0018	EA		1,400 GPM, 15,000 Lb./Hour Steam Water Heater, Variable Flow.....	38,934.65	5,326.71
22 35 23 13-0019	EA		2,400 GPM, 20,000 Lb./Hour Steam Water Heater, Variable Flow.....	49,303.05	6,363.84

## 22 40 Plumbing Fixtures (22)

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

### 22 41 Residential Plumbing Fixtures (22 40)

#### 22 41 39 Residential Faucets, Supplies, and Trim (22 41)

##### 22 41 39 00-0001 Residential Kitchen Faucets (22 41 39)

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF).....	202.87	52.98
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF).....	234.72	52.98
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF).....	234.72	52.98
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215).....	225.93	52.98
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215).....	243.04	52.98

##### 22 41 39 00-0007 Residential Lavatory Faucets (22 41 39)

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST).....	185.77	38.14
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF).....	185.77	38.14
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF).....	133.38	38.14
		<i>For Faucet With Brass Pop-Up, Add</i>	16.50	
		<i>For Faucet With Plastic Pop-Up, Add</i>	14.00	

##### 22 41 39 00-0011 Residential Bath And Shower Faucets (22 41 39)

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501).....	242.03	45.98
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502).....	285.60	45.98
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275).....	223.04	45.98
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375).....	246.50	45.98
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
		<i>For Faucet With Lever Handles, Add</i>	8.10	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602).....	275.38	28.77
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011).....	228.72	28.77
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS).....	318.86	28.77

##### 22 41 39 00-0019 Residential Laundry Faucets (22 41 39)

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF).....	159.85	33.82
------------------	----	--	--------	-------

##### 22 41 39 00-0021 Residential Laundry/Wash Basin Faucets (22 41 39)

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF).....	161.17	33.82
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503).....	230.90	37.28

##### 22 41 39 00-0024 Other Residential Faucets (22 41 39)

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose.....	43.12	8.63
------------------	----	--	-------	------

## 22 42 Commercial Plumbing Fixtures (22 40)

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

### 22 42 13 Commercial Water Closets, Urinals, and Bidets (22 42)

#### 22 42 13 13 Commercial Water Closets (22 42 13)



**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 42 13 13-0001	Vitreous China Water Closets <small>(22 42 13 13)</small> Note: With a 2" ball pass.		
22 42 13 13-0002	Floor Mounted Elongated Vitreous China Water Closets <small>(22 42 13 13-0001)</small> Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™) .....	654.84	110.19
22 42 13 13-0004	EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™) .....	770.10	110.19
22 42 13 13-0005	EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™) .....	980.09	110.19
22 42 13 13-0006	EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®) .....	882.71	110.19
22 42 13 13-0007	Wall Hung Elongated Vitreous China Water Closets <small>(22 42 13 13-0001)</small> Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0008	EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard AWall®) .....	755.84	135.62
22 42 13 13-0009	EA Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard AWall® ADA Retrofit) .....	923.65	135.62
22 42 13 13-0010	EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™) .....	1,151.52	135.62
22 42 13 13-0011	EA Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™) .....	1,120.52	135.62
22 42 13 13-0012	Floor Mounted Elongated Handicapped Water Closets <small>(22 42 13 13-0001)</small> Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0013	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA) .....	663.15	110.19
22 42 13 13-0014	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®) .....	677.73	110.19
22 42 13 13-0015	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®) .....	741.98	110.19
22 42 13 13-0016	EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron) .....	821.47	110.19
22 42 13 13-0017	EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA) .....	818.16	110.19
22 42 13 13-0018	EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA) .....	1,071.86	110.19
22 42 13 13-0019	EA 2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA) .....	912.88	110.19
22 42 13 13-0020	Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets <small>(22 42 13 13-0001)</small> Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™) .....	736.82	110.19
22 42 13 13-0022	EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) .....	670.43	110.19
22 42 13 13-0023	EA 2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™) .....	773.78	110.19
22 42 13 13-0024	Stainless Steel Water Closets <small>(22 42 13 13)</small>		
22 42 13 13-0025	EA Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS) .....	3,158.44	238.40
22 42 13 13-0026	EA Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS) .....	3,324.64	238.40
22 42 13 13-0027	Water Closet Carriers <small>(22 42 13 13)</small>		
22 42 13 13-0028	Pipe Grip Adaptor Type, Water Closet Carriers <small>(22 42 13 13-0027)</small> Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0029	EA Pipe Grip Adaptor Type, Water Closet Carrier .....	669.42	55.94
22 42 13 13-0030	No-Hub, Water Closet Carriers <small>(22 42 13 13-0027)</small> Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0031	EA Vertical Close With Offset, No-Hub, Single Water Closet Carrier .....	1,059.33	55.94
	For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-95.67	
	For Positioning Frame, Add	59.90	
	For Supply Pipe Support, Add	61.33	
	For Vandal Proof Trim, Add	81.42	
	For Auxiliary Inlet, Add	261.01	
	For Special Duty 500 Lb. Carrier, Add	454.18	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13	13-0032	EA	Vertical Close On Stack, No-Hub, Single Water Closet Carrier .....	1,059.33	55.94
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-95.67	
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For Auxiliary Inlet, Add</i>	261.01	
			<i>For Special Duty 500 Lb. Carrier, Add</i>	454.18	
22 42 13	13-0033	EA	Horizontal Adjustable, No-Hub, Single Water Closet Carrier .....	1,160.74	55.94
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-95.67	
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For Auxiliary Inlet, Add</i>	261.01	
			<i>For Horizontal No Hub Cast Long Barrel, Add</i>	272.61	
			<i>For Carrier For Wide Chase Installations, Add</i>	352.23	
			<i>For Special Duty 1,000 Lb. Carrier, Add</i>	454.19	
22 42 13	13-0034	EA	Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier .....	1,290.71	55.94
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-95.67	
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For 4" Branch, Add</i>	208.34	
			<i>For Auxiliary Inlet, Add</i>	261.01	
			<i>For Carrier For Wide Chase Installations, Add</i>	352.23	
			<i>For Double 4" Branches, Add</i>	418.11	
			<i>For Special Duty 1,000 Lb. Carrier, Add</i>	454.19	
22 42 13	13-0035	EA	Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier .....	1,771.50	82.11
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-191.37	
			<i>For Positioning Frame, Add</i>	127.74	
			<i>For Supply Pipe Support, Add</i>	130.60	
			<i>For Vandal Proof Trim, Add</i>	162.84	
			<i>For Auxiliary Inlet, Add</i>	276.90	
			<i>For Special Duty 500 Lb. Carrier, Add</i>	908.36	
22 42 13	13-0036	EA	Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier .....	1,822.93	82.11
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-191.37	
			<i>For Positioning Frame, Add</i>	127.74	
			<i>For Supply Pipe Support, Add</i>	130.60	
			<i>For Vandal Proof Trim, Add</i>	162.84	
			<i>For Auxiliary Inlet, Add</i>	276.90	
			<i>For Special Duty 500 Lb. Carrier, Add</i>	908.36	
22 42 13	13-0037	EA	Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier .....	2,232.83	82.11
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-191.37	
			<i>For Positioning Frame, Add</i>	127.74	
			<i>For Supply Pipe Support, Add</i>	130.60	
			<i>For Vandal Proof Trim, Add</i>	162.84	
			<i>For 4" Branch, Add</i>	216.29	
			<i>For Auxiliary Inlet, Add</i>	276.90	
			<i>For Double 4" Branches, Add</i>	434.00	
			<i>For Carrier For Wide Chase Installations, Add</i>	752.13	
			<i>For Special Duty 1,000 Lb. Carrier, Add</i>	908.38	
22 42 13	13-0038	EA	Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier .....	2,098.57	82.11
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-191.37	
			<i>For Positioning Frame, Add</i>	127.74	
			<i>For Supply Pipe Support, Add</i>	130.60	
			<i>For Vandal Proof Trim, Add</i>	162.84	
			<i>For Horizontal No Hub Cast Long Barrel, Add</i>	280.56	
			<i>For Carrier For Wide Chase Installations, Add</i>	752.13	
			<i>For Special Duty 1,000 Lb. Carrier, Add</i>	908.38	
22 42 13	13-0039		<b>Hub And Spigot, Water Closet Carriers</b> <small>(22 42 13 13-0027)</small>		
			Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13	13-0040	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier .....	1,062.06	55.94
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For Hanger Type Closet Adapter, Add</i>	204.24	
			<i>For Auxiliary Inlet, Add</i>	261.01	
22 42 13	13-0041	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier .....	1,059.33	55.94
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For Auxiliary Inlet, Add</i>	261.01	
			<i>For Special Duty 500 Lb. Carrier, Add</i>	454.18	
22 42 13	13-0042	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier .....	1,339.26	55.94
			<i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i>	-95.67	
			<i>For Positioning Frame, Add</i>	59.90	
			<i>For Supply Pipe Support, Add</i>	61.33	
			<i>For Vandal Proof Trim, Add</i>	81.42	
			<i>For 4" Branch, Add</i>	208.34	
			<i>For Auxiliary Inlet, Add</i>	261.01	
			<i>For Carrier For Wide Chase Installations, Add</i>	352.23	
			<i>For Double 4" Branches, Add</i>	418.11	
			<i>For Special Duty 1,000 Lb. Carrier, Add</i>	454.19	

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0043 EA Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	1,776.16	82.11
For Positioning Frame, Add	127.74	
For Supply Pipe Support, Add	130.60	
For Vandal Proof Trim, Add	162.84	
For Auxiliary Inlet, Add	276.90	
For Hanger Type Closet Adapter, Add	408.48	
22 42 13 13-0044 EA Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier .....	2,281.39	82.11
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-191.37	
For Positioning Frame, Add	127.74	
For Supply Pipe Support, Add	130.60	
For Vandal Proof Trim, Add	162.84	
For 4" Branch, Add	216.29	
For Auxiliary Inlet, Add	276.90	
For Double 4" Branches, Add	434.00	
For Carrier For Wide Chase Installations, Add	752.13	
For Special Duty 1,000 Lb. Carrier, Add	908.38	
<b>22 42 13 13-0045 Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers</b> (22 42 13 13-0027)		
Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.		
22 42 13 13-0046 EA Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier .....	809.38	55.94
For Positioning Frame, Add	59.90	
For Supply Pipe Support, Add	61.33	
For Vandal Proof Trim, Add	81.42	
For Hanger Type Closet Adapter, Add	204.24	
<b>22 42 13 13-0047 Institutional Water Closet Carriers</b> (22 42 13 13-0027)		
Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.		
22 42 13 13-0048 EA Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier.....	2,944.11	82.11
For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-191.37	
For Positioning Frame, Add	127.74	
For Supply Pipe Support, Add	130.60	
For Vandal Proof Trim, Add	162.84	
For Auxiliary Inlet, Add	276.90	
<b>22 42 13 13-0049 Removal And Reinstallation Of Fixtures And Trim</b> (22 42 13 13)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 13-0050 EA Removal And Reinstallation Of Wall Hung Water Closet With Tank .....	484.23	
22 42 13 13-0051 EA Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve .....	484.23	
22 42 13 13-0052 EA Removal And Reinstallation Of Floor Mount Water Closet With Tank .....	372.38	
22 42 13 13-0053 EA Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve.....	372.38	
<b>22 42 13 16 Commercial Urinals</b> (22 42 13)		
<b>22 42 13 16-0001 Vitreous China Urinals</b> (22 42 13 16)		
Note: Excludes flush valve unless indicated otherwise.		
<b>22 42 13 16-0002 Wall Hung Urinals</b> (22 42 13 16-0001)		
22 42 13 16-0003 EA Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™) .....	586.10	113.37
22 42 13 16-0004 EA Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®).....	711.79	113.37
22 42 13 16-0005 EA Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™).....	776.68	113.37
22 42 13 16-0006 EA Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbroom™).....	709.74	113.37
22 42 13 16-0007 EA Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™) .....	603.64	113.37
<b>22 42 13 16-0008 Floor Mounted Urinals</b> (22 42 13 16-0001)		
22 42 13 16-0009 EA Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™).....	979.13	143.03
<b>22 42 13 16-0010 Waterfree Urinals</b> (22 42 13 16-0001)		
22 42 13 16-0011 EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free).....	642.61	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-43.06	
22 42 13 16-0012 EA Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000).....	1,232.77	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-110.34	
22 42 13 16-0013 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000) .....	1,060.87	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-90.74	
22 42 13 16-0014 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000) .....	812.19	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-62.39	
22 42 13 16-0015 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000) .....	812.19	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-62.39	
22 42 13 16-0016 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000) .....	1,007.77	79.47
For Colored Fixtures, Add	66.90	
For >1, Deduct	-84.69	



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Fixtures</b>	<b>22 40</b>
	<b>Commercial Plumbing Fixtures</b>	<b>22 42</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0017 EA Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)..... <i>For &gt;1, Deduct</i>	1,530.27 -144.25	79.47
<b>22 42 13 16-0018 Stainless Steel Urinals</b> (22 42 13 16)		
22 42 13 16-0019 EA Wall Hung Urinal, Stainless Steel, Blowout Jet (Acorn 2160-T-1).....	3,251.93	238.40
22 42 13 16-0020 EA 5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C).....	4,211.45	291.37
<b>22 42 13 16-0021 Urinal Carriers</b> (22 42 13 16)		
<b>22 42 13 16-0022 Floor Mounted, Urinal Carriers</b> (22 42 13 16-0021)		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0023 EA Floor Mounted Hanger Plate Type, Single Urinal Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	591.38 29.99	40.27
22 42 13 16-0024 EA Floor Mounted Bearing Plate Type, Single Urinal Carrier..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i>	644.22 29.99	40.27
<b>22 42 13 16-0025 Wall Mounted, Urinal Carriers</b> (22 42 13 16-0021)		
Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0026 EA Wall Mounted Hanger Plate Type, Single Urinal Carrier..... <i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	251.45 29.99	40.27
<b>22 42 13 16-0027 Removal And Reinstallation Of Fixtures And Trim</b> (22 42 13 16)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0028 EA Removal And Reinstallation Of Wall Hung Urinal With Flush Valve.....	482.68	
<b>22 42 16 Commercial Lavatories and Sinks</b> (22 42)		
<b>22 42 16 13 Commercial Lavatories</b> (22 42 16)		
<b>22 42 16 13-0001 Lavatories</b> (22 42 16 13)		
Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
<b>22 42 16 13-0002 Wall Hung Lavatories</b> (22 42 16 13-0001)		
22 42 16 13-0003 EA 19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™).....	605.35	70.99
22 42 16 13-0004 EA 20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™).....	632.15	70.99
22 42 16 13-0005 EA 22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™).....	782.29	70.99
22 42 16 13-0006 EA 18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™).....	556.47	70.99
22 42 16 13-0007 EA 19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™).....	481.58	70.99
22 42 16 13-0008 EA 20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®).....	604.91	70.99
22 42 16 13-0009 EA 27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users).....	710.20	70.99
<b>22 42 16 13-0010 Countertop Lavatories</b> (22 42 16 13-0001)		
22 42 16 13-0011 EA 21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval).....	585.63	85.82
22 42 16 13-0012 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™).....	619.75	85.82
22 42 16 13-0013 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™).....	656.16	85.82
22 42 16 13-0014 EA 24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®).....	855.73	92.71
<b>22 42 16 13-0015 Pedestal Lavatories</b> (22 42 16 13-0001)		
22 42 16 13-0016 EA 19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™).....	692.38	203.96
<b>22 42 16 13-0017 Cultured Marble Vanity Tops</b> (22 42 16 13-0001)		
Note: Includes predrilled holes for faucet.		
22 42 16 13-0018 EA 25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	399.03	79.47
22 42 16 13-0019 EA 31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	447.52	84.76
22 42 16 13-0020 EA 37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	534.42	90.06
22 42 16 13-0021 EA 49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	723.60	95.36
22 42 16 13-0022 EA 25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	426.95	79.47
22 42 16 13-0023 EA 31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	455.38	84.76
22 42 16 13-0024 EA 37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	580.87	90.06
22 42 16 13-0025 EA 43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	630.89	92.71
22 42 16 13-0026 EA 49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	703.96	95.36
<b>22 42 16 13-0027 Quartz Vanity Tops</b> (22 42 16 13-0001)		
Note: Includes predrilled holes for faucet.		
22 42 16 13-0028 EA 25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	810.97	79.47
22 42 16 13-0029 EA 31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	844.96	84.76
22 42 16 13-0030 EA 37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	966.86	90.06
22 42 16 13-0031 EA 43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	973.77	92.71
22 42 16 13-0032 EA 49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	1,059.93	95.36
22 42 16 13-0033 EA 61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks.....	1,408.97	100.65
22 42 16 13-0034 EA 73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks.....	1,657.82	105.94
22 42 16 13-0035 EA 22" End Splash For Quartz Vanity Tops.....	44.63	

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0036			<b>Solid Surface Vanity Tops</b> (22 42 16 13-0001) Note: Includes predrilled holes for faucet.		
22 42 16 13-0037	EA		25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	684.91	79.47
22 42 16 13-0038	EA		31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	765.54	84.76
22 42 16 13-0039	EA		37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	856.97	90.06
22 42 16 13-0040	EA		43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	940.41	92.71
22 42 16 13-0041	EA		49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	1,016.69	95.36
22 42 16 13-0042	EA		55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	1,117.20	98.00
22 42 16 13-0043	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink .....	1,240.51	100.65
22 42 16 13-0044	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks.....	1,271.12	100.65
22 42 16 13-0045	EA		73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks.....	1,369.72	105.94
22 42 16 13-0046	EA		22" End Splash For Solid Surface Vanity Tops.....	66.12	
22 42 16 13-0047			<b>Solid Surface Multi-Station Lavatory Systems</b> (22 42 16 13-0001) Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0048	EA		2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2) .....	6,935.44	157.05
			<i>For Integral Liquid Soap Dispenser, Add</i> .....	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i> .....	563.00	
22 42 16 13-0049	EA		3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3) .....	10,185.46	157.05
			<i>For Integral Liquid Soap Dispenser, Add</i> .....	171.00	
			<i>For Integral Photovoltaic Power Panels, Add</i> .....	657.00	
22 42 16 13-0050	EA		12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12) .....	463.26	52.35
22 42 16 13-0051	EA		18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18) .....	576.63	52.35
22 42 16 13-0052	EA		36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36) .....	1,154.02	52.35
22 42 16 13-0053			<b>Stainless Steel Lavatories</b> (22 42 16 13-0001)		
22 42 16 13-0054	EA		18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1) .....	1,699.22	185.42
22 42 16 13-0055			<b>Lavatory Carriers</b> (22 42 16 13)		
22 42 16 13-0056			<b>Floor Mounted, Lavatory Carriers</b> (22 42 16 13-0055)		
22 42 16 13-0057			<b>Floor Mounted Plate Type, Lavatory Carriers</b> (22 42 16 13-0056) Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 16 13-0058	EA		Floor Mounted Hanger Plate Type, Single Lavatory Carrier .....	591.38	40.27
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i> .....	29.99	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	103.69	
			<i>For Corner Carrier, Add</i> .....	201.68	
22 42 16 13-0059	EA		Floor Mounted Bearing Plate Type, Single Lavatory Carrier .....	644.22	40.27
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i> .....	29.99	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	103.69	
22 42 16 13-0060	EA		Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier .....	739.91	40.27
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i> .....	59.98	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	207.38	
22 42 16 13-0061	EA		Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier .....	849.89	40.27
			<i>For Up To 4" Extension Sleeves And Hardware, Add</i> .....	59.98	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	207.38	
22 42 16 13-0062			<b>Floor Mounted, Lavatory Carriers With Arms</b> (22 42 16 13-0056) Note: Includes leveling and securing screws, structural uprights and welded feet.		
22 42 16 13-0063	EA		Floor Mounted, Single Lavatory Carrier With Concealed Arms.....	762.98	47.68
			<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> .....	29.99	
			<i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> .....	41.43	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	105.81	
			<i>For 2" Chrome Plated Escutcheons, Add</i> .....	101.40	
			<i>For 4" Or 6" Chrome Plated Escutcheons, Add</i> .....	184.24	
22 42 16 13-0064	EA		Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms .....	1,023.89	47.68
			<i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> .....	29.99	
			<i>For Vandal Proof Trim, Add</i> .....	81.42	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	105.81	
			<i>For Heavy-Duty Carrier, Add</i> .....	104.26	
22 42 16 13-0065	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms.....	1,025.15	47.68
			<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i> .....	59.98	
			<i>For Concealed Arm Carrier For Wheelchair Lavatory, Add</i> .....	82.85	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	211.62	
			<i>For 2" Chrome Plated Escutcheons, Add</i> .....	202.81	
			<i>For 4" Or 6" Chrome Plated Escutcheons, Add</i> .....	368.49	
22 42 16 13-0066	EA		Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms.....	1,525.21	47.68
			<i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> .....	59.98	
			<i>For Vandal Proof Trim, Add</i> .....	162.84	
			<i>For Valve Plate For Attaching To Upright, Add</i> .....	211.62	
			<i>For Heavy-Duty Carrier, Add</i> .....	208.51	
22 42 16 13-0067			<b>Wall Mounted, Lavatory Carriers</b> (22 42 16 13-0055)		
22 42 16 13-0068			<b>Wall Mounted Plate Type, Lavatory Carriers</b> (22 42 16 13-0067) Note: Includes wall plate and adjustable supporting rods.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0069 EA Wall Mounted Hanger Plate Type, Single Lavatory Carrier ..... <i>For Double Plate Carrier, Add</i>	251.45 78.42	40.27
<b>22 42 16 13-0070 Wall Mounted Plate Type, Lavatory Carriers With Arms (22 42 16 13-0067)</b> Note: Includes wall plate and leveling and securing screws.		
22 42 16 13-0071 EA Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i>	428.32 29.99 101.40	47.68
22 42 16 13-0072 EA Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms..... <i>For Movable Mounting Brackets, Deduct</i> <i>For Up To 4" Extension Sleeves And Hardware, Add</i> <i>For 2" Chrome Plated Escutcheons, Add</i> <i>For 4" Or 6" Chrome Plated Escutcheons, Add</i>	508.30 -77.13 29.99 101.40 184.24	47.68
22 42 16 13-0073 EA Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms..... <i>For Up To 4-1/2" Extension Sleeves And Hardware, Add</i> <i>For Vandal Proof Trim, Add</i>	755.39 29.99 81.42	47.68
<b>22 42 16 13-0074 Removal And Reinstallation Of Lavatory And Trim (22 42 16 13)</b> Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 16 13-0075 EA Removal And Reinstallation Of Wall Hung Lavatory With Faucet.....	311.63	
<b>22 42 16 16 Commercial Sinks (22 42 16)</b>		
<b>22 42 16 16-0001 Sinks (22 42 16 16)</b> Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
<b>22 42 16 16-0002 Kitchen Sinks (22 42 16 16-0001)</b>		
22 42 16 16-0003 EA 15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517) ..... <i>For 18 Gauge, Add</i>	914.61 258.64	97.48
22 42 16 16-0004 EA 17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)..... <i>For 18 Gauge, Add</i>	937.35 270.01	97.48
22 42 16 16-0005 EA 22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)..... <i>For 18 Gauge, Add</i>	988.52 295.60	97.48
22 42 16 16-0006 EA 25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522)..... <i>For 18 Gauge, Add</i>	1,035.33 312.65	99.59
22 42 16 16-0007 EA 31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122)..... <i>For 18 Gauge, Add</i>	1,299.38 424.45	113.37
22 42 16 16-0008 EA 33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321)..... <i>For 18 Gauge, Add</i>	1,326.83 437.99	113.37
22 42 16 16-0009 EA 15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710) .....	1,283.18	97.48
22 42 16 16-0010 EA 17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210) .....	1,308.76	97.48
22 42 16 16-0011 EA 22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210) .....	1,373.19	97.48
22 42 16 16-0012 EA 25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210) .....	1,460.74	99.59
22 42 16 16-0013 EA 31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210) .....	1,762.69	113.37
<b>22 42 16 16-0014 Undermount Kitchen Sinks (22 42 16 16-0001)</b>		
22 42 16 16-0015 EA 21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	1,146.67	97.48
22 42 16 16-0016 EA 21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	1,143.90	97.48
22 42 16 16-0017 EA 21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99) .....	1,156.14	97.48
22 42 16 16-0018 EA 21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99) .....	1,220.57	97.48
<b>22 42 16 16-0019 Multi-Station Wash Sink, Wall Mounted (22 42 16 16-0001)</b> Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0020 EA 36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) .....	1,945.42	172.18
22 42 16 16-0021 EA 48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) .....	2,569.38	185.42
22 42 16 16-0022 EA 60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™) .....	2,942.38	198.66
22 42 16 16-0023 EA 48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) .....	2,344.45	132.45
22 42 16 16-0024 EA 62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) .....	2,600.21	145.68
22 42 16 16-0025 EA 80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) .....	2,850.88	158.93
22 42 16 16-0026 EA 102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951) .....	3,161.14	178.80
22 42 16 16-0027 EA 27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain .....	3,022.02	291.37
<b>22 42 16 16-0028 Refinish Sink/Lavatory (22 42 16 16-0001)</b>		
22 42 16 16-0029 EA Refinish Sink/Lavatory .....	244.65	



**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
22 42 16 16-0030		<b>Service Sinks</b> (22 42 16 16-0001)			
22 42 16 16-0031	EA	12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F).....	589.82		158.93
22 42 16 16-0032	EA	24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424) .....	674.88		158.93
22 42 16 16-0033	EA	36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624) .....	743.23		190.71
22 42 16 16-0034	EA	24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010) .....	608.33		158.93
22 42 16 16-0035	EA	36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010) .....	692.00		190.71
22 42 16 16-0036	EA	24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24) .....	992.84		158.93
22 42 16 16-0037	EA	36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624) .....	1,226.40		190.71
22 42 16 16-0038		<b>Soapstone Sinks</b> (22 42 16 16-0001)			
22 42 16 16-0039	EA	26-1/2" x 18-1/2" x 7-3/4" Single Bowl Soapstone Sink .....	1,083.92		97.48
22 42 16 16-0040	SF	Soapstone Sink Backsplash .....	173.32		
22 42 16 16-0041	EA	30" x 18-1/2" x 10" Single Bowl Soapstone Sink .....	1,380.67		113.37
22 42 16 16-0042	EA	36" x 18-1/2" x 10" Double Bowl Soapstone Sink .....	1,615.03		113.37
22 42 16 16-0043		<b>Stainless Steel Sink And Drainboard</b> (22 42 16 16-0001)			
22 42 16 16-0044	EA	Stainless Steel Sink With One 24" x 24" x 14" Depth Compartment And Drain Board, 14 Gauge Stainless Steel With Tubular Adjustable Legs (Advance Tabco 94-41-24-24L) .....	4,434.62		264.88
22 42 16 16-0045		<b>Sink Carriers</b> (22 42 16 16)			
22 42 16 16-0046		<b>Floor Mounted, Sink Carriers</b> (22 42 16 16-0045)			
		Note: With support plates, adjustable coupling with 4" piping connection, mounting studs, structural uprights, welded feet and chrome plated trim.			
22 42 16 16-0047	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling .....	870.74		40.27
		For Vandal Proof Trim, Add	81.42		
		For Valve Plate For Attaching To Upright, Add	103.69		
22 42 16 16-0048	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With 4" Adjustable Coupling And 4" x 2" Waste Fitting .....	1,358.34		40.27
		For Vandal Proof Trim, Add	81.42		
		For Auxiliary Vent, Add	239.39		
22 42 16 16-0049	EA	Floor Mounted Heavy-Duty Support Plate Type, Single Sink Carrier With Exposed Acid Resistant White Coated Arms .....	1,706.85		40.27
		For Up To 4" Extension Sleeves And Hardware, Add	61.41		
		For Vandal Proof Trim, Add	81.42		
22 42 16 16-0050		<b>Removal And Reinstallation Of Sink And Trim</b> (22 42 16 16)			
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.			
22 42 16 16-0051	EA	Removal And Reinstallation Of Wall Hung Service Sink With Faucet .....	427.23		
22 42 19		<b>Commercial Bathtubs</b> (22 42)			
22 42 19 00-0001		<b>Recessed Alcove Bathtubs</b> (22 42 19)			
22 42 19 00-0002		<b>Porcelain Enameled Cast Iron, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)			
22 42 19 00-0003	EA	54" x 30-1/4" x 14", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Seaforth™) .....	1,496.27		294.55
22 42 19 00-0004	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Mendota®) .....	1,286.47		294.55
22 42 19 00-0005	EA	60" x 32" x 16-1/4", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Dynametric®) .....	1,501.54		294.55
22 42 19 00-0006	EA	66" x 32" x 17", Porcelain Enameled Cast Iron, Recessed Alcove Bathtub (Kohler® Bellwether®) .....	1,923.49		294.55
22 42 19 00-0007		<b>Porcelain Enameled Steel, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)			
22 42 19 00-0008	EA	60" x 30" x 14-1/4", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Salem®) .....	680.37		294.55
22 42 19 00-0009	EA	60" x 30" x 16-5/8", Porcelain Enameled Steel, Recessed Alcove Bathtub (American Standard New Solar®) .....	695.39		294.55
22 42 19 00-0010		<b>Porcelain Finished Metal Alloy, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)			
22 42 19 00-0011	EA	60" x 32" x 17-3/4", Porcelain Finished Metal Alloy, Recessed Alcove Bathtub (American Standard Cambridge™) .....	991.16		294.55
22 42 19 00-0012		<b>Acrylic, Recessed Alcove Bathtubs</b> (22 42 19 00-0001)			
22 42 19 00-0013	EA	60" x 32" x 19", Acrylic, Recessed Alcove Bathtub (Kohler® Archer®) .....	1,019.57		294.55
22 42 19 00-0014	EA	60" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) .....	1,201.21		294.55
22 42 19 00-0015	EA	66" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) .....	1,224.67		294.55
22 42 19 00-0016	EA	72" x 36" x 20", Acrylic, Recessed Alcove Bathtub (Kohler® Mariposa®) .....	1,210.25		294.55
22 42 19 00-0017	EA	72" x 42" x 21", Acrylic, Recessed Alcove Bathtub (Kohler® Windward®) .....	1,262.12		294.55
22 42 19 00-0018		<b>Bathtub Refinishing</b> (22 42 19 00-0001)			
22 42 19 00-0019	EA	Refinish Porcelain Finished Bathtub With Acrylic Urethane Enamel .....	633.27		
22 42 19 00-0020		<b>Tub And Shower Combinations</b> (22 42 19)			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 42 19 00-0021 Acrylic Tub And Shower Combination</b> (22 42 19 00-0020)		
22 42 19 00-0022 EA 1 Piece, 60" x 32" x 72" Acrylic Tub And Shower (Delta 226032).....	1,312.18	113.07
<i>For 2 Piece Enclosure, Deduct</i>	-285.12	
<b>22 42 19 00-0023 Fiberglass Tub And Shower Combination</b> (22 42 19 00-0020)		
22 42 19 00-0024 EA 1 Piece 60" x 32" x 72" Fiberglass Tub And Shower (Aquatic 2603-SG).....	867.05	113.07
22 42 19 00-0025 EA 2 Piece 60" x 30" x 72" Fiberglass Tub And Shower (Aquatic 2603-2P).....	682.78	75.38
22 42 19 00-0026 EA 4 Piece 60" x 32" x 75-1/2" Fiberglass Tub And Shower (Aquatic 26030-4P).....	1,370.54	170.67
<b>22 42 23 Commercial Showers</b> (22 42)		
<b>22 42 23 00-0001 Shower Enclosures</b> (22 42 23)		
Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
<b>22 42 23 00-0002 Powder Coated Or Baked Enamel Steel Shower Enclosure</b> (22 42 23 00-0001)		
22 42 23 00-0003 EA 32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,757.25	170.89
22 42 23 00-0004 EA 36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,757.25	170.89
22 42 23 00-0005 EA 40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	2,663.14	170.89
22 42 23 00-0006 EA 40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions).....	2,932.08	170.89
<b>22 42 23 00-0007 Solid Plastic Core High-Density Polymer (HDP) Shower Enclosure</b> (22 42 23 00-0001)		
22 42 23 00-0008 EA 32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,903.77	170.89
22 42 23 00-0009 EA 36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,903.77	170.89
22 42 23 00-0010 EA 40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	4,177.69	170.89
22 42 23 00-0011 EA 40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions).....	4,673.10	170.89
<b>22 42 23 00-0012 Personnel Type Shower Receptors</b> (22 42 23)		
<b>22 42 23 00-0013 Acrylic Shower Receptors</b> (22 42 23 00-0012)		
22 42 23 00-0014 EA 36" x 36" Acrylic Shower Receptor.....	460.46	43.15
22 42 23 00-0015 EA 42" x 42" Acrylic Shower Receptor.....	486.87	43.15
22 42 23 00-0016 EA 48" x 48" Acrylic Shower Receptor.....	539.60	43.15
22 42 23 00-0017 EA 60" x 60" Acrylic Shower Receptor.....	656.29	51.78
22 42 23 00-0018 EA 48" x 32" Acrylic Shower Receptor.....	461.70	43.15
22 42 23 00-0019 EA 48" x 36" Acrylic Shower Receptor.....	496.43	43.15
22 42 23 00-0020 EA 48" x 42" Acrylic Shower Receptor.....	561.04	43.15
22 42 23 00-0021 EA 60" x 32" Acrylic Shower Receptor.....	623.42	51.78
22 42 23 00-0022 EA 60" x 36" Acrylic Shower Receptor.....	627.89	51.78
22 42 23 00-0023 EA 60" x 42" Acrylic Shower Receptor.....	631.99	51.78
22 42 23 00-0024 EA 60" x 48" Acrylic Shower Receptor.....	696.19	51.78
22 42 23 00-0025 EA 36" x 36" Acrylic Corner Shower Receptor.....	672.13	43.15
22 42 23 00-0026 EA 42" x 42" Acrylic Corner Shower Receptor.....	771.80	43.15
<b>22 42 23 00-0027 Molded Stone Shower Receptors</b> (22 42 23 00-0012)		
22 42 23 00-0028 EA 32" x 32" Molded Stone Shower Receptor (Fiat 32WL).....	306.90	43.15
22 42 23 00-0029 EA 34" x 34" Molded Stone Shower Receptor (Fiat 34WL).....	321.80	43.15
22 42 23 00-0030 EA 36" x 36" Molded Stone Shower Receptor (Fiat 36WL).....	323.46	43.15
22 42 23 00-0031 EA 42" x 42" Molded Stone Shower Receptor (Fiat 4242WL).....	397.13	43.15
22 42 23 00-0032 EA 42" x 34" Molded Stone Shower Receptor (Fiat 42WL).....	352.43	43.15
22 42 23 00-0033 EA 48" x 32" Molded Stone Shower Receptor (Fiat 4832WL).....	373.13	43.15
22 42 23 00-0034 EA 48" x 34" Molded Stone Shower Receptor (Fiat 48WL).....	375.61	43.15
22 42 23 00-0035 EA 54" x 34" Molded Stone Shower Receptor (Fiat 54WL).....	435.01	51.78
22 42 23 00-0036 EA 60" x 34" Molded Stone Shower Receptor (Fiat 60WL).....	450.74	51.78
22 42 23 00-0037 EA 36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC).....	356.57	43.15
22 42 23 00-0038 EA 38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC).....	365.68	43.15
<b>22 42 23 00-0039 Precast Terrazzo Shower Receptors</b> (22 42 23 00-0012)		
22 42 23 00-0040 EA 30" x 30" Precast Terrazzo Shower Receptor.....	576.77	43.15
22 42 23 00-0041 EA 32" x 32" Precast Terrazzo Shower Receptor.....	599.12	43.15
22 42 23 00-0042 EA 34" x 34" Precast Terrazzo Shower Receptor.....	619.82	43.15
22 42 23 00-0043 EA 36" x 36" Precast Terrazzo Shower Receptor.....	622.30	43.15
22 42 23 00-0044 EA 40" x 40" Precast Terrazzo Shower Receptor.....	681.08	43.15
22 42 23 00-0045 EA 42" x 42" Precast Terrazzo Shower Receptor.....	710.88	43.15
22 42 23 00-0046 EA 48" x 48" Precast Terrazzo Shower Receptor.....	998.96	43.15
22 42 23 00-0047 EA 36" x 32" Precast Terrazzo Shower Receptor.....	614.85	43.15
22 42 23 00-0048 EA 42" x 32" Precast Terrazzo Shower Receptor.....	626.72	43.15
22 42 23 00-0049 EA 42" x 34" Precast Terrazzo Shower Receptor.....	647.96	43.15
22 42 23 00-0050 EA 42" x 36" Precast Terrazzo Shower Receptor.....	674.45	43.15
22 42 23 00-0051 EA 32" x 48" Precast Terrazzo Shower Receptor.....	676.94	43.15
22 42 23 00-0052 EA 48" x 34" Precast Terrazzo Shower Receptor.....	710.88	43.15
22 42 23 00-0053 EA 54" x 32" Precast Terrazzo Shower Receptor.....	744.82	43.15
22 42 23 00-0054 EA 60" x 30" Precast Terrazzo Shower Receptor.....	1,006.73	51.78
22 42 23 00-0055 EA 60" x 32" Precast Terrazzo Shower Receptor.....	1,100.66	51.78
22 42 23 00-0056 EA 60" x 34" Precast Terrazzo Shower Receptor.....	1,105.27	51.78

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0057	EA		60" x 36" Precast Terrazzo Shower Receptor.....	1,109.85	51.78
22 42 23 00-0058	EA		32" x 32" Precast Terrazzo Corner Shower Receptor.....	625.61	43.15
22 42 23 00-0059	EA		34" x 34" Precast Terrazzo Corner Shower Receptor.....	626.72	43.15
22 42 23 00-0060	EA		36" x 36" Precast Terrazzo Corner Shower Receptor.....	628.92	43.15
22 42 23 00-0061	EA		40" x 40" Precast Terrazzo Corner Shower Receptor.....	753.92	43.15
22 42 23 00-0062	EA		36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,370.65	43.15
22 42 23 00-0063	EA		60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,526.08	51.78
22 42 23 00-0064	EA		60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,590.65	51.78
<b>22 42 23 00-0065</b>			<b>Shower Receptors Accessories</b> (22 42 23 00-0012)		
22 42 23 00-0066	SF		Polyvinyl Chloride (PVC) Shower Pan Liner.....	3.85	
<b>22 42 23 00-0067</b>			<b>Removal And Reinstallation Of Fixtures And Trim</b> (22 42 23)		
			Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 23 00-0068	EA		Removal And Reinstallation Of Shower Head.....	51.78	
<b>22 42 33</b>			<b>Wash Fountains</b> (22 42)		
<b>22 42 33 00-0001</b>			<b>Circular Wash Fountain, Deep Bowl</b> (22 42 33)		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0002	EA		36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD).....	9,309.30	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0003	EA		36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD).....	5,003.61	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0004	EA		36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,633.05	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0005	EA		54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	11,865.26	209.40
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0006	EA		54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,772.56	209.40
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0007	EA		54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	10,340.84	209.40
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
<b>22 42 33 00-0008</b>			<b>Semi-Circular Wash Fountain, Deep Bowl</b> (22 42 33)		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA		36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	8,122.32	157.05
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0010	EA		36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,565.04	157.05
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0011	EA		36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,551.39	157.05
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0012	EA		54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	9,966.64	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0013	EA		54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,506.45	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
22 42 33 00-0014	EA		54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE).....	7,792.27	183.23
			For Metal Soap Dispenser, Add.....	100.00	
			For Stainless Steel Pedestal Panels, Add.....	100.00	
<b>22 42 39</b>			<b>Commercial Faucets, Supplies, and Trim</b> (22 42)		
<b>22 42 39 00-0001</b>			<b>Kitchen Faucets</b> (22 42 39)		
22 42 39 00-0002	EA		Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	219.14	52.98
22 42 39 00-0003	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST).....	248.33	52.98
22 42 39 00-0004	EA		Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	206.01	52.98
22 42 39 00-0005	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440 -SS-DST).....	232.55	52.98



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0006	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24)	203.71	52.98
22 42 39 00-0007	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24)	224.27	52.98
22 42 39 00-0008	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF)	293.60	52.98
22 42 39 00-0009	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF)	206.61	52.98
22 42 39 00-0010	EA		Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF)	198.82	52.98
22 42 39 00-0011	EA		Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF)	236.88	52.98
22 42 39 00-0012	EA		Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24)	413.19	52.98
22 42 39 00-0013	EA		Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24)	454.06	52.98
22 42 39 00-0014	EA		Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP)	426.60	57.53
22 42 39 00-0015	EA		Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP)	424.61	57.53
22 42 39 00-0016	EA		Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP)	314.62	57.53
22 42 39 00-0017	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR)	739.41	52.98
22 42 39 00-0018	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK)	937.76	52.98
22 42 39 00-0019	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB)	1,003.88	52.98
22 42 39 00-0020	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR)	739.41	52.98
22 42 39 00-0021	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK)	937.76	52.98
22 42 39 00-0022	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB)	1,003.88	52.98
<b>22 42 39 00-0023</b>			<b>Lavatory Faucets (22 42 39)</b>		
22 42 39 00-0024	EA		Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST)	270.22	38.14
22 42 39 00-0025	EA		4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF)	185.77	38.14
22 42 39 00-0026	EA		4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU)	231.97	38.14
22 42 39 00-0027	EA		4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM)	255.00	38.14
22 42 39 00-0028	EA		Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU)	314.50	38.14
22 42 39 00-0029	EA		Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF)	367.34	38.14
22 42 39 00-0030	EA		Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104)	222.03	38.14
22 42 39 00-0031	EA		Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002)	340.97	38.14
22 42 39 00-0032	EA		Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665)	244.13	38.14
22 42 39 00-0033	EA		Metering Lavatory Faucets (Chicago Faucet 802-665ABCP)	495.55	95.96
			<i>For Faucet With Temperature Control, Add</i>	40.00	
22 42 39 00-0034	EA		3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710)	249.92	38.14
22 42 39 00-0035	EA		3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712)	302.99	38.14
22 42 39 00-0036	EA		4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805)	296.71	38.14
<b>22 42 39 00-0037</b>			<b>Bath And Shower Faucets (22 42 39)</b>		
<b>22 42 39 00-0038</b>			<b>Bath And Shower Faucets With Valve Body (22 42 39 00-0037)</b>		
22 42 39 00-0039	EA		Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500)	248.74	45.98
22 42 39 00-0040	EA		Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501)	292.31	45.98
22 42 39 00-0041	EA		Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502)	320.24	45.98
22 42 39 00-0042	EA		Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505)	229.74	45.98
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0043	EA		Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501)	240.92	45.98
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0044	EA		Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502)	273.31	45.98
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0045	EA		Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502)	310.18	45.98
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
<b>22 42 39 00-0046</b>			<b>Shower Valves And Trim (22 42 39)</b>		
			See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0047	EA		Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319)	399.25	71.52
22 42 39 00-0048	EA		Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP)	910.58	71.52
22 42 39 00-0049	EA		Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S)	1,267.65	71.52
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
			<i>For Recessed Soap Dish, Add</i>	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0050	EA		Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807)	1,510.08	71.52
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
			<i>For Recessed Soap Dish, Add</i>	108.12	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0051	EA		Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S)	1,023.27	71.52
			<i>For Hand Spray, Hose And Wall Hooks, Add</i>	19.32	
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	78.39	
			<i>For Pressure Balance And Metering Combination, Add</i>	291.63	

**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0052	EA		Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS).....	1,552.70	71.52
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0053	EA		Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS).....	1,666.82	71.52
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0054	EA		Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931).....	3,088.26	71.52
			<i>For Recessed Soap Dish, Add</i> .....	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	227.79	
22 42 39 00-0055	EA		Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921).....	2,695.74	71.52
			<i>For Recessed Soap Dish, Add</i> .....	83.94	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0056	EA		Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231).....	1,345.39	71.52
22 42 39 00-0057	EA		Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS).....	2,073.58	71.52
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
			<i>For Pressure Balance And Metering Combination, Add</i> .....	291.63	
22 42 39 00-0058	EA		Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60).....	1,343.56	71.52
22 42 39 00-0059	EA		Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS).....	1,339.54	71.52
			<i>For Hand Spray, Hose And 30" Slide Bar, Add</i> .....	59.07	
<b>22 42 39 00-0060</b>			<b>Service Sink Faucets (22 42 39)</b>		
22 42 39 00-0061	EA		4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™).....	537.32	88.21
22 42 39 00-0062	EA		3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235).....	381.58	88.21
22 42 39 00-0063	EA		3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243).....	411.74	88.21
22 42 39 00-0064	EA		6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012).....	427.39	88.21
22 42 39 00-0065	EA		7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101).....	557.44	123.65
22 42 39 00-0066	EA		7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110).....	624.14	140.92
22 42 39 00-0067	EA		11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115).....	722.45	140.92
22 42 39 00-0068	EA		5-3/4" Spout With Pail Hook, Concealed Service Sink Faucet, Wall Brace (Chicago Faucet 911-CP).....	821.88	140.92
22 42 39 00-0069	EA		44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB).....	870.81	140.92
<b>22 42 39 00-0070</b>			<b>Laboratory Faucets And Fittings (22 42 39)</b>		
22 42 39 00-0071	EA		Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927).....	217.92	37.51
22 42 39 00-0072	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929).....	357.55	52.98
22 42 39 00-0073	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930).....	465.06	52.98
22 42 39 00-0074	EA		Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933).....	284.22	49.48
22 42 39 00-0075	EA		6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940).....	385.86	70.56
22 42 39 00-0076	EA		6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	526.03	70.56
22 42 39 00-0077	EA		Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946).....	421.18	52.98
22 42 39 00-0078	EA		Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942).....	411.33	70.56
22 42 39 00-0079	EA		Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP).....	270.00	40.73
22 42 39 00-0080	EA		Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP).....	380.37	57.53
22 42 39 00-0081	EA		4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802).....	291.53	57.53
22 42 39 00-0082	EA		4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP).....	357.47	57.53
22 42 39 00-0083	EA		Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP).....	90.96	35.39
22 42 39 00-0084	EA		Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	584.31	63.57
22 42 39 00-0085	EA		Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP).....	753.66	63.57
22 42 39 00-0086	EA		Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP).....	907.94	63.57
22 42 39 00-0087	EA		Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	801.99	63.57
22 42 39 00-0088	EA		Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	956.48	63.57
<b>22 42 39 00-0089</b>			<b>Laboratory Countertop Faucets (22 42 39)</b>		
			Note: Includes final connection. Excludes rough-in.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0090 EA 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L391).....	226.88	28.77
22 42 39 00-0091 EA 6" Gooseneck Deck Mount Hot And Cold Valve Faucet (Fisher Hamilton 32L406).....	310.52	28.77
22 42 39 00-0092 EA Deionozed Water 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L512).....	313.87	28.77
22 42 39 00-0093 EA Turret Deck Mount Air Or Gas Valve (Fisher Hamilton 30L535).....	103.01	17.26
<b>22 42 39 00-0094 Gooseneck Faucets With Independent Eyewash (22 42 39)</b>		
22 42 39 00-0095 EA Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA).....	892.08	39.73
22 42 39 00-0096 EA Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL).....	967.83	37.08
22 42 39 00-0097 EA 8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8).....	1,250.41	39.73
22 42 39 00-0098 EA Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST).....	1,320.95	39.73
22 42 39 00-0099 EA Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW).....	1,607.40	26.49
22 42 39 00-0100 EA Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP).....	1,933.11	66.22
22 42 39 00-0101 EA Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW).....	2,702.63	66.22
22 42 39 00-0102 EA 8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW).....	2,792.40	66.22
<b>22 42 39 00-0103 Bubblers And Glass Fillers (22 42 39)</b>		
22 42 39 00-0104 EA Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP).....	387.73	37.51
22 42 39 00-0105 EA Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP).....	343.69	49.48
22 42 39 00-0106 EA 7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP).....	382.38	37.51
22 42 39 00-0107 EA Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP).....	232.72	53.73
22 42 39 00-0108 EA Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF).....	454.23	40.73
22 42 39 00-0109 EA Push Button Bubbler, 1/2" OD (Haws 5017LF).....	460.37	40.73
22 42 39 00-0110 EA Push Button Bubbler, 3/8" NPT (Haws 5010-6427).....	382.73	40.73
<b>22 42 39 00-0111 Automatic Electronic Sensor Faucets (22 42 39)</b>		
22 42 39 00-0112 EA Electronic Lavatory Faucet (American Standard 6055.205.002).....	706.68	88.36
For Faucet With Temperature Control, Add	40.00	
22 42 39 00-0113 EA Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002).....	713.38	88.36
For Faucet With Temperature Control, Add	40.00	
22 42 39 00-0114 EA 0.5 GPM Lavatory Automatic Faucets, Battery (Sloan EBF615-4).....	1,191.85	95.96
22 42 39 00-0115 EA Lavatory Automatic Faucets, Wired (Sloan ETF80-4-P).....	901.71	95.96
22 42 39 00-0116 EA Lavatory Automatic Faucets, Battery (Sloan EBF85-4).....	1,415.31	95.96
22 42 39 00-0117 EA Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1).....	958.93	95.96
22 42 39 00-0118 EA Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1).....	1,000.76	88.36
22 42 39 00-0119 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880).....	1,489.74	95.96
22 42 39 00-0120 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT).....	1,867.46	95.96
22 42 39 00-0121 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187).....	1,743.60	95.96
22 42 39 00-0122 EA Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM).....	1,214.87	88.36
22 42 39 00-0123 EA Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100).....	1,057.23	88.36
22 42 39 00-0124 EA Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101).....	1,117.54	88.36
22 42 39 00-0125 EA Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102).....	966.76	88.36
22 42 39 00-0126 EA Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100).....	1,117.54	88.36
22 42 39 00-0127 EA Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102).....	975.16	88.36
22 42 39 00-0128 EA Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100).....	975.16	88.36
22 42 39 00-0129 EA Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101).....	1,099.16	88.36
22 42 39 00-0130 EA Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102).....	930.74	88.36
22 42 39 00-0131 EA 4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103).....	892.69	88.36
22 42 39 00-0132 EA Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60).....	1,456.31	88.36
<b>22 42 39 00-0133 Other Trim (22 42 39)</b>		
22 42 39 00-0134 EA Plastic Raised Toilet Seat, 4-1/2" Of Rise.....	163.21	17.26
22 42 39 00-0135 EA Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330).....	19.81	5.75
22 42 39 00-0136 EA 1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	138.26	17.26
22 42 39 00-0137 EA 1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP).....	53.63	14.38
22 42 39 00-0138 EA 1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP).....	122.72	14.38
22 42 39 00-0139 EA Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102).....	63.92	15.90
22 42 39 00-0140 EA Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	66.79	15.90
22 42 39 00-0141 EA Lavatory Protective Enclosure (IPS Truebro Lav Shield).....	165.29	15.90
22 42 39 00-0142 EA 36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	202.21	15.90
22 42 39 00-0143 EA 42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	229.03	15.90
22 42 39 00-0144 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036).....	39.49	11.12
22 42 39 00-0145 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037).....	39.49	11.12
22 42 39 00-0146 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558).....	55.20	11.12
22 42 39 00-0147 PR Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line.....	37.20	12.22
22 42 39 00-0148 EA 12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	23.21	7.19
22 42 39 00-0149 EA 12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	23.92	7.19
<b>22 42 39 00-0150 Removal And Reinstallation Of Fixtures And Trim (22 42 39)</b>		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0151 EA Removal And Reinstallation Of Faucet.....	92.04	



**22 Plumbing****22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST
**22 42 43 Flushometers** (22 42)**22 42 43 00-0001 Water Closet Flush Valves** (22 42 43)

22 42 43 00-0002	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-115).....	327.27	36.13
22 42 43 00-0003	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6).....	316.65	36.13
22 42 43 00-0004	EA	Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111).....	369.98	36.13
22 42 43 00-0005	EA	Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140).....	511.15	36.13
22 42 43 00-0006	EA	Top Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-142).....	571.09	36.13
22 42 43 00-0007	EA	Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S).....	1,063.25	36.13
22 42 43 00-0008	EA	Exposed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S).....	1,059.18	36.13
22 42 43 00-0009	EA	Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	1,119.65	36.13
22 42 43 00-0010	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	1,038.46	36.13
22 42 43 00-0011	EA	Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115).....	449.99	36.13
		Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 43 00-0012	EA	Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	816.63	36.13
22 42 43 00-0013	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A).....	448.14	36.13
22 42 43 00-0014	EA	Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	445.94	36.13
22 42 43 00-0015	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A).....	455.52	31.78
22 42 43 00-0016	EA	Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X).....	496.27	31.78
22 42 43 00-0017	EA	6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451).....	147.25	5.80
22 42 43 00-0018	EA	Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28).....	553.84	36.13

**22 42 43 00-0019 Urinal Flush Valves** (22 42 43)

22 42 43 00-0020	EA	Exposed Manual Urinal Flush Valve, 3/4" Top Spud.....	274.31	36.13
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0021	EA	1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180).....	296.44	36.13
		Note: 1.0, 1.5 or 3.5 GPF.		
22 42 43 00-0022	EA	Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195).....	402.22	36.13
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0023	EA	Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197).....	489.36	36.13
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0024	EA	Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S).....	776.61	36.13
		Note: 1.0 or 1.5 GPF.		
22 42 43 00-0025	EA	Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S).....	1,047.77	36.13
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0026	EA	Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S).....	1,176.91	36.13
		Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0027	EA	Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1).....	763.65	36.13
		Note: 1.0 GPF.		
22 42 43 00-0028	EA	Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12).....	1,177.45	36.13
		Note: 0.5 GPF.		
22 42 43 00-0029	EA	Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13).....	500.86	36.13
		Note: 0.13 GPF.		

**22 42 43 00-0030 Removal And Reinstallation Of Fixtures And Trim** (22 42 43)

Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.

22 42 43 00-0031	EA	Removal And Reinstallation Of Flush Valve.....	143.82	
------------------	----	--	--------	--

**22 42 43 00-0032 Plumbing Control Transformers** (22 42 43)

22 42 43 00-0033	EA	6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6).....	67.28	
------------------	----	--	-------	--

**22 42 46 Chemical Toilets** (22 42)

Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.

**22 42 46 00-0001 Standard Chemical Toilets** (22 42 46)**22 42 46 00-0002 Small Tank Chemical Toilets** (22 42 46 00-0001)

22 42 46 00-0003	EA	Chemical Toilet, Small Tank 7,000 Uses/Year.....	4,402.93	1,059.52
		For Extra Urinal, Add	143.63	

**22 42 46 00-0004 Medium Tank Chemical Toilets** (22 42 46 00-0001)

22 42 46 00-0005	EA	Chemical Toilet, Medium Tank 13,000 Uses/Year.....	5,232.18	1,261.90
		For Extra Urinal, Add	170.04	

**22 42 46 00-0006 Large Tank Chemical Toilets** (22 42 46 00-0001)

22 42 46 00-0007	EA	Chemical Toilet, Large Tank 28,000 Uses/Year.....	6,314.35	1,431.42
		For Extra Urinal, Add	230.97	

**22 45 Emergency Plumbing Fixtures** (22 40)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 45 13 Emergency Showers (22 45)</b>		
22 45 13 00-0001 Emergency Drench Showers (22 45 13)		
22 45 13 00-0002 Emergency Drench Showers (Haws) (22 45 13 00-0001)		
Note: Includes one pull rod.		
22 45 13 00-0003 EA Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122) .....	698.29	185.42
22 45 13 00-0004 EA Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123) .....	799.91	185.42
22 45 13 00-0005 EA Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC) .....	856.37	185.42
22 45 13 00-0006 EA Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130) .....	1,025.75	185.42
22 45 13 00-0007 EA Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H) .....	1,375.79	185.42
22 45 13 00-0008 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100) .....	1,090.02	211.90
22 45 13 00-0009 EA Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP) .....	1,193.81	238.40
22 45 13 00-0010 EA Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169) .....	1,086.54	238.40
22 45 13 00-0011 EA Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163) .....	1,109.13	238.40
22 45 13 00-0012 EA Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164) .....	1,532.56	238.40
<b>22 45 13 00-0013 Emergency Drench Showers (Speakman) (22 45 13 00-0001)</b>		
Note: Includes one pull rod.		
22 45 13 00-0014 EA Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220) .....	618.10	185.42
22 45 13 00-0015 EA Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227) .....	636.57	185.42
22 45 13 00-0016 EA Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253) .....	999.41	211.90
<b>22 45 16 Eyewash Equipment (22 45)</b>		
22 45 16 00-0001 Emergency Eyewash Equipment (22 45 16)		
22 45 16 00-0002 Emergency Eyewash Equipment (Haws) (22 45 16 00-0001)		
22 45 16 00-0003 EA Faucet Mounted, Stainless Steel Eyewash (Haws Axion® eyePOD® 7620) .....	304.18	5.30
22 45 16 00-0004 EA Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP) .....	1,442.23	238.40
<b>22 45 23 Personal Eyewash Equipment (22 45)</b>		
22 45 23 00-0001 Portable Eyewash Equipment (22 45 23)		
22 45 23 00-0002 Portable Eyewash Equipment (Bradley) (22 45 23 00-0001)		
22 45 23 00-0003 EA Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921) .....	304.18	15.90
22 45 23 00-0004 EA Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H) .....	1,595.38	15.90
22 45 23 00-0005 EA 5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671) .....	727.80	
22 45 23 00-0006 EA 5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672) .....	868.20	
<b>22 45 26 Eye/Face Wash Equipment (22 45)</b>		
22 45 26 00-0001 Emergency Eye/Face Wash Equipment (22 45 26)		
22 45 26 00-0002 Emergency Eye/Face Wash Equipment (Haws) (22 45 26 00-0001)		
22 45 26 00-0003 EA Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460) .....	756.07	132.45
Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324) .....	760.39	185.42
22 45 26 00-0005 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B) .....	743.46	185.42
Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT) .....	810.08	185.42
Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B) .....	816.85	185.42
Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008 EA Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT) .....	897.02	185.42
Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009 EA Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC) .....	1,217.71	185.42
22 45 26 00-0010 EA Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B) .....	2,290.42	185.42
22 45 26 00-0011 EA Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271) .....	931.94	211.90
22 45 26 00-0012 EA Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461) .....	1,061.79	211.90

**22 Plumbing****22 40 Plumbing Fixtures****22 45 Emergency Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 26 00-0013 EA Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777).....	2,371.63	211.90
22 45 26 00-0014 EA Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611).....	631.01	52.98
22 45 26 00-0015 EA Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612).....	608.43	52.98
22 45 26 00-0016 EA Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH).....	636.66	52.98
22 45 26 00-0017 EA Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610).....	800.39	52.98
22 45 26 00-0018 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC).....	1,952.51	264.88
22 45 26 00-0019 EA Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM).....	2,360.34	211.90
22 45 26 00-0020 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC).....	2,426.77	264.88
22 45 26 00-0021 EA Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM).....	2,845.88	211.90
<b>22 45 26 00-0022 Emergency Eye/Face Wash Equipment (Speakman) (22 45 26 00-0001)</b>		
22 45 26 00-0023 EA Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495).....	695.05	185.42
22 45 26 00-0024 EA Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496).....	851.66	211.90
<b>22 45 29 Hand-Held Emergency Drench Hoses (22 45)</b>		
<b>22 45 29 00-0001 Hand-Held Emergency Eye/Face/Body Wash With Hose (22 45 29)</b>		
<b>22 45 29 00-0002 Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)</b>		
22 45 29 00-0003 EA Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	674.45	66.22
22 45 29 00-0004 EA Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	776.08	66.22
<b>22 45 33 Combination Emergency Fixture Units (22 45)</b>		
<b>22 45 33 00-0001 Emergency Shower With Eye/Face Wash (22 45 33)</b>		
<b>22 45 33 00-0002 Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)</b>		
22 45 33 00-0003 EA Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	3,991.51	344.35
22 45 33 00-0004 EA Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP).....	2,704.26	344.35
Note: Includes freeze protection bury valve.		
22 45 33 00-0005 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,885.61	344.35
22 45 33 00-0006 EA Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	2,997.84	344.35
22 45 33 00-0007 EA Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	2,201.78	344.35
22 45 33 00-0008 EA Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	2,071.92	344.35
22 45 33 00-0009 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,772.69	344.35
22 45 33 00-0010 EA Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	2,896.22	344.35
22 45 33 00-0011 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	3,172.86	344.35
22 45 33 00-0012 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	3,234.97	344.35
22 45 33 00-0013 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	3,613.24	344.35
22 45 33 00-0014 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD).....	3,833.43	344.35
22 45 33 00-0015 EA Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	3,771.32	344.35
22 45 33 00-0016 EA Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	5,634.45	344.35
22 45 33 00-0017 EA Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	5,939.33	344.35
22 45 33 00-0018 EA Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	12,544.97	344.35
22 45 33 00-0019 EA Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,772.69	344.35



	<b>Plumbing</b>	<b>22</b>
	<b>Plumbing Fixtures</b>	<b>22 40</b>
	<b>Emergency Plumbing Fixtures</b>	<b>22 45</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0020	EA		Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	2,004.17	344.35
<b>22 45 33 00-0021</b>			<b>Emergency Shower With Eye/Face Wash (Speakman)</b> (22 45 33 00-0001)		
22 45 33 00-0022	EA		Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	1,686.89	344.35
<b>22 45 36</b>			<b>Emergency Fixture Water-Tempering Equipment</b> (22 45)		
<b>22 45 36 00-0001</b>			<b>Emergency Fixture Water-Tempering Equipment</b> (22 45 36)		
<b>22 45 36 00-0002</b>			<b>Emergency Fixture Water-Tempering Equipment (Haws)</b> (22 45 36 00-0001)		
22 45 36 00-0003	EA		10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW).....	713.97	66.22
22 45 36 00-0004	EA		12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE).....	1,047.08	66.22
22 45 36 00-0005	EA		31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E).....	1,538.27	66.22
22 45 36 00-0006	EA		78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E).....	1,814.91	66.22
22 45 36 00-0007	EA		31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H).....	2,571.46	66.22
22 45 36 00-0008	EA		12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE).....	2,712.60	66.22
22 45 36 00-0009	EA		74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE).....	4,558.80	66.22
22 45 36 00-0010	EA		78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF).....	5,479.07	66.22
22 45 36 00-0011	EA		1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B).....	798.66	66.22
<b>22 45 39</b>			<b>Emergency Plumbing Fixture Accessories</b> (22 45)		
<b>22 45 39 00-0001</b>			<b>Emergency Plumbing Fixture Accessories</b> (22 45 39)		
<b>22 45 39 00-0002</b>			<b>Emergency Plumbing Fixture Accessories (Haws)</b> (22 45 39 00-0001)		
22 45 39 00-0003	EA		Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220).....	183.53	21.19
22 45 39 00-0004	EA		Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W).....	256.92	21.19
22 45 39 00-0005	EA		Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS).....	268.21	21.19
22 45 39 00-0006	EA		Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS).....	298.19	7.95
22 45 39 00-0007	EA		Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102).....	304.18	5.30
22 45 39 00-0008	EA		3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020).....	331.71	10.60
22 45 39 00-0009	EA		Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK).....	582.37	79.47
22 45 39 00-0010	EA		Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317IDLTEXP).....	600.37	34.83
22 45 39 00-0011	EA		Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT).....	893.95	34.83
22 45 39 00-0012	EA		Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037).....	1,047.08	79.47
22 45 39 00-0013	EA		Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP).....	1,994.89	34.83
22 45 39 00-0014	EA		1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5).....	2,208.25	116.11
22 45 39 00-0015	EA		1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001).....	2,253.41	116.11
22 45 39 00-0016	EA		1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP).....	4,184.30	116.11
22 45 39 00-0017	EA		1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1).....	7,967.01	116.11
<b>22 45 39 00-0018</b>			<b>Emergency Plumbing Fixture Accessories (Speakman)</b> (22 45 39 00-0001)		
22 45 39 00-0019	EA		Privacy Curtain For Emergency Showers..... Note: Curtain includes stainless steel curtain rod and mounting accessories.	1,094.85	79.47
<b>22 47</b>			<b>Drinking Fountains and Water Coolers</b> (22 47)		
<b>22 47 13</b>			<b>Drinking Fountains</b> (22 47)		
<b>22 47 13 00-0001</b>			<b>Indoor Drinking Fountains</b> (22 47 13)		
<b>22 47 13 00-0002</b>			<b>Face Mounted Indoor Drinking Fountain</b> (22 47 13 00-0001)		
22 47 13 00-0003	EA		Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S).....	1,752.49	172.18
22 47 13 00-0004	EA		Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP).....	2,543.11	185.42
22 47 13 00-0005	EA		Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E).....	2,301.77	172.18
22 47 13 00-0006	EA		Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP).....	2,740.94	185.42
22 47 13 00-0007	EA		Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFSS).....	1,182.45	172.18
22 47 13 00-0008	EA		Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFSSBP).....	1,411.07	185.42
22 47 13 00-0009	EA		Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE).....	1,334.42	172.18

**22 Plumbing****22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0010 EA Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP).....	1,616.46	185.42
<b>22 47 13 00-0011 Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0012 EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701).....	1,218.47	185.42
22 47 13 00-0013 EA Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF).....	1,854.99	185.42
22 47 13 00-0014 EA Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF).....	2,351.78	238.40
22 47 13 00-0015 EA Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRN18WSK).....	3,737.16	238.40
22 47 13 00-0016 EA Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK).....	3,206.20	238.40
22 47 13 00-0017 EA Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP).....	2,913.59	238.40
22 47 13 00-0018 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVR8WSK).....	3,302.51	185.42
22 47 13 00-0019 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK).....	3,188.73	185.42
22 47 13 00-0020 EA Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCDWSK).....	3,049.67	185.42
22 47 13 00-0021 EA Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK).....	2,923.25	185.42
22 47 13 00-0022 EA Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVR8WSK).....	2,657.77	185.42
22 47 13 00-0023 EA Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK).....	2,543.99	185.42
22 47 13 00-0024 EA Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK).....	2,417.57	185.42
22 47 13 00-0025 EA Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK).....	2,417.57	185.42
22 47 13 00-0026 EA Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK).....	2,303.79	185.42
22 47 13 00-0027 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK).....	2,303.79	185.42
22 47 13 00-0028 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMA8F8WSSK).....	2,253.22	185.42
22 47 13 00-0029 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK).....	2,253.22	185.42
22 47 13 00-0030 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK).....	2,139.45	185.42
22 47 13 00-0031 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK).....	2,076.24	185.42
22 47 13 00-0032 EA Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP).....	1,987.74	185.42
22 47 13 00-0033 EA Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK).....	1,949.82	185.42
22 47 13 00-0034 EA Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK).....	1,823.40	185.42
22 47 13 00-0035 EA Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK).....	2,076.24	185.42
22 47 13 00-0036 EA Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK).....	1,823.40	185.42
22 47 13 00-0037 EA Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK).....	1,934.83	185.42
22 47 13 00-0038 EA Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP).....	1,937.17	185.42
22 47 13 00-0039 EA Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM).....	1,603.67	132.45
22 47 13 00-0040 EA Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF).....	1,199.12	132.45
<b>22 47 13 00-0041 Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0042 EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801).....	1,629.58	198.66
22 47 13 00-0043 EA Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C).....	3,463.66	198.66
<b>22 47 13 00-0044 Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0045 EA Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400).....	1,742.95	211.90
22 47 13 00-0046 EA Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403).....	3,150.03	211.90
<b>22 47 13 00-0047 Countertop Indoor Drinking Fountain (22 47 13 00-0001)</b>		
22 47 13 00-0048 EA Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000).....	730.02	132.45
22 47 13 00-0049 EA Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000).....	703.53	132.45
22 47 13 00-0050 EA Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028).....	848.69	132.45
<b>22 47 13 00-0051 Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)</b>		





<b>Plumbing</b>	<b>22</b>	<b>22</b>
<b>Plumbing Fixtures</b>	<b>22 40</b>	
<b>Drinking Fountains and Water Coolers</b>	<b>22 47</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 47 13 00-0052	EA	Stainless Steel, Bowl And Bracket With Pushbutton Bubblers, Indoor Drinking Fountain (Halsey-Taylor 2501A)	619.83	132.45
	22 47 13 00-0053	EA	Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540)	742.88	132.45
	<b>22 47 13 00-0054</b>		<b>Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)</b>		
	22 47 13 00-0055	EA	Two Station, Stainless Steel, Indoor Drinking Fountains With Bubblers And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020)	3,271.87	211.90
	22 47 13 00-0056	EA	Three Station, Stainless Steel, Indoor Drinking Fountains With Bubblers And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030)	4,106.75	211.90
	22 47 13 00-0057	EA	Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120)	3,122.36	211.90
	22 47 13 00-0058	EA	Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430)	2,638.26	211.90
	22 47 13 00-0059	EA	Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435)	3,314.26	211.90
	22 47 13 00-0060	EA	Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4)	2,900.01	270.31
	22 47 13 00-0061	EA	Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441)	5,512.72	211.90
	22 47 13 00-0062	EA	Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408)	5,414.67	211.90
	<b>22 47 13 00-0063</b>		<b>Outdoor Drinking Fountains (22 47 13)</b>		
	<b>22 47 13 00-0064</b>		<b>Face Mounted Outdoor Drinking Fountains (22 47 13 00-0063)</b>		
	22 47 13 00-0065	EA	Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor HRFE-FR)	1,525.57	211.90
	22 47 13 00-0066	EA	Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubblers (Halsey-Taylor HRFEFBP-FR)	1,669.44	211.90
	22 47 13 00-0067	EA	Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4592)	1,606.97	211.90
	22 47 13 00-0068	EA	Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4592-FR)	2,343.37	211.90
	<b>22 47 13 00-0069</b>		<b>Free Standing Outdoor Drinking Fountains (22 47 13 00-0063)</b>		
	22 47 13 00-0070	EA	Steel Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4715)	2,867.75	198.66
	22 47 13 00-0071	EA	Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4715-FR)	4,015.89	198.66
	22 47 13 00-0072	EA	Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4710)	2,863.94	198.66
	22 47 13 00-0073	EA	Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4710-FR)	3,942.56	198.66
	22 47 13 00-0074	EA	Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4720)	4,249.68	211.90
	22 47 13 00-0075	EA	Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4720-FR)	4,326.35	211.90
	22 47 13 00-0076	EA	Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4591)	1,625.90	198.66
	22 47 13 00-0077	EA	Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4590)	2,784.46	198.66
	22 47 13 00-0078	EA	Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4590-FR)	3,932.60	198.66
	22 47 13 00-0079	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4595)	4,625.45	211.90
	22 47 13 00-0080	EA	Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubblers (Halsey-Taylor 4595-FR)	6,478.76	211.90
	<b>22 47 16</b>		<b>Pressure Water Coolers (22 47)</b>		
	<b>22 47 16 00-0001</b>		<b>Indoor Water Coolers (22 47 16)</b>		
	<b>22 47 16 00-0002</b>		<b>Face Mounted Indoor Water Coolers (22 47 16 00-0001)</b>		
	22 47 16 00-0003	EA	Stainless Steel, Semi-Circular Water Cooler With Bubblers, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q)	3,287.06	211.90
	22 47 16 00-0004	EA	Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubblers, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q)	3,507.60	211.90
	<b>22 47 16 00-0005</b>		<b>Wall Mounted Indoor Water Coolers (22 47 16 00-0001)</b>		
	22 47 16 00-0006	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubblers, (Halsey-Taylor SW4A-Q)	1,578.58	211.90
	22 47 16 00-0007	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubblers (Halsey-Taylor SW8A-Q)	1,635.37	211.90
	22 47 16 00-0008	EA	Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubblers (Halsey-Taylor SW14A-Q)	1,813.31	211.90
	22 47 16 00-0009	EA	Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubblers, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS)	1,881.46	211.90
	22 47 16 00-0010	EA	Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8-CHILD ADA)	1,400.63	211.90
	22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubblers, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS)	1,618.33	211.90
	22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubblers, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,278.53	211.90
	22 47 16 00-0013	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS)	2,138.80	317.86
	<b>22 47 16 00-0014</b>		<b>Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)</b>		
	22 47 16 00-0015	EA	Stainless Steel Simulated Recessed Water Cooler With Bubblers, 8 GPH (Halsey-Taylor RWM8A-Q)	1,877.51	211.90
	<b>22 47 16 00-0016</b>		<b>Fully Recessed Indoor Water Coolers (22 47 16 00-0001)</b>		
	22 47 16 00-0017	EA	Stainless Steel Fully-Recessed Water Cooler With Bubblers, 8 GPH (Halsey-Taylor RC8A-Q)	3,625.85	238.40



**22 Plumbing****22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0018 EA Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762) .....	4,422.50	238.40
22 47 16 00-0019 EA Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700).....	5,171.61	238.40
<b>22 47 16 00-0020 Free Standing Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0021 EA Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q).....	1,518.97	185.42
22 47 16 00-0022 EA Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q).....	1,629.71	185.42
22 47 16 00-0023 EA Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q).....	1,846.47	185.42
22 47 16 00-0024 EA Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q) .....	2,051.87	185.42
<b>22 47 16 00-0025 Bottled Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0026 EA Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water .....	531.18	105.95
22 47 16 00-0027 EA Free-Standing Bottled Water Cooler With Chilled Or Hot Water.....	632.89	105.95
<b>22 47 16 00-0028 Multi-Station Indoor Water Coolers (22 47 16 00-0001)</b>		
22 47 16 00-0029 EA Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q) .....	4,345.41	317.86
22 47 16 00-0030 EA Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semicircular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q).....	4,983.10	317.86
22 47 16 00-0031 EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS) .....	2,315.80	317.86
<b>22 47 16 00-0032 Outdoor Water Coolers (22 47 16)</b>		
<b>22 47 16 00-0033 Wall Mounted Outdoor Water Coolers (22 47 16 00-0032)</b>		
22 47 16 00-0034 EA Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS).....	1,626.40	132.45
22 47 16 00-0035 EA Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS) .....	2,786.43	132.45
<b>22 47 16 00-0036 Free Standing Outdoor Water Coolers (22 47 16 00-0032)</b>		
22 47 16 00-0037 EA Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q).....	2,681.28	198.66
22 47 16 00-0038 EA Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q) .....	3,211.34	198.66
<b>22 47 16 00-0039 Removal And Reinstallation Of Fixtures And Trim (22 47 16)</b>		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0040 EA Removal And Reinstallation Of Wall Hung Water Cooler.....	515.04	
22 47 16 00-0041 EA Removal And Reinstallation Of Floor Mount Water Cooler.....	115.06	
<b>22 47 23 Remote Water Coolers (22 47)</b>		
<b>22 47 23 00-0001 Remote Chillers (22 47 23)</b>		
22 47 23 00-0002 EA 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q).....	936.22	71.52
22 47 23 00-0003 EA 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q).....	1,419.71	79.47
22 47 23 00-0004 EA 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q).....	1,222.82	92.71
22 47 23 00-0005 EA 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q).....	1,572.06	105.95
22 47 23 00-0006 EA 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q).....	2,461.76	158.93
22 47 23 00-0007 EA 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q).....	2,669.01	172.18
<b>22 47 26 Fixture Carriers (22 47)</b>		
<b>22 47 26 00-0001 Water Cooler Carriers (22 47 26)</b>		
<b>22 47 26 00-0002 Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)</b>		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003 EA Floor Mounted Hanger Plate Type, Single Water Cooler Carrier .....	591.38	40.27
For Up To 4" Extension Sleeves And Hardware, Add	29.99	
For Bi-Level Carrier, Add	333.95	
22 47 26 00-0004 EA Floor Mounted Bearing Plate Type, Single Water Cooler Carrier .....	644.22	40.27
For Up To 4" Extension Sleeves And Hardware, Add	29.99	
For Bi-Level Carrier, Add	333.95	
<b>22 50 Pool and Fountain Plumbing Systems (22)</b>		
<b>22 51 Swimming Pool Plumbing Systems (22 50)</b>		
<b>22 51 13 Swimming Pool Piping (22 51)</b>		
<b>22 51 13 00-0001 Swimming Pool Gutters (22 51 13)</b>		
22 51 13 00-0002 LF Swimming Pool Gutters, Stainless.....	271.65	23.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 51 13 00-0003 Pool Drains</b> <small>(22 51 13)</small>		
<b>22 51 13 00-0004 Cast Iron Pool Drain With Bottom Outlet</b> <small>(22 51 13 00-0003)</small>		
<small>Note: Large square top and 24" loose set round super-flo grate.</small>		
22 51 13 00-0005 EA Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate .....	2,835.67	66.75
<i>For Polished Bronze Top, Add</i>	<i>769.60</i>	
<i>For Chromium Plated Top, Add</i>	<i>805.00</i>	
<i>For Galvanized Top, Add</i>	<i>276.40</i>	
<i>For Vandal Proof Construction, Add</i>	<i>57.20</i>	
<b>22 51 13 00-0006 Cast Iron Pool Drain With Waterproof Flange</b> <small>(22 51 13 00-0003)</small>		
<small>Note: Bottom outlet 14" square top and loose set square flange.</small>		
22 51 13 00-0007 EA Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top .....	798.60	66.75
<i>For Clamp Device, Add</i>	<i>13.80</i>	
<i>For Galvanized Top, Add</i>	<i>38.10</i>	
<i>For Polished Bronze Top, Add</i>	<i>133.50</i>	
<i>For Chromium Plated Top, Add</i>	<i>146.90</i>	
<i>For Hinge Grate, Add</i>	<i>28.60</i>	
<i>For Supplementary Strainer, Add</i>	<i>7.00</i>	
<i>For Threaded Outlet, Add</i>	<i>9.50</i>	
<i>For Vandal Proof Construction, Add</i>	<i>17.10</i>	
<i>For Ground Screw, Add</i>	<i>18.30</i>	
<b>22 51 13 00-0008 Pool Supply Fittings</b> <small>(22 51 13)</small>		
<b>22 51 13 00-0009 Cast Iron Pool Supply Fittings</b> <small>(22 51 13 00-0008)</small>		
<small>Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.</small>		
22 51 13 00-0010 EA Cast Iron Pool Fitting For 2" Pipe .....	1,032.21	119.20
<i>For Galvanized Head, Add</i>	<i>26.30</i>	
<i>For Vandal Proof Construction, Add</i>	<i>11.50</i>	
<i>For Grounding Screw, Add</i>	<i>18.30</i>	
22 51 13 00-0011 EA Cast Iron Pool Fitting For 3" Pipe .....	1,032.21	119.20
<i>For Chromium Plated Head, Add</i>	<i>11.50</i>	
<i>For Galvanized Head, Add</i>	<i>26.30</i>	
<i>For Vandal Proof Construction, Add</i>	<i>11.50</i>	
<i>For Grounding Screw, Add</i>	<i>18.30</i>	
<b>22 51 16 Swimming Pool Pumps</b> <small>(22 51)</small>		
<b>22 51 16 00-0001 Variable Speed Pool Pumps</b> <small>(22 51 16)</small>		
22 51 16 00-0002 EA 3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017) .....	2,799.85	450.30
22 51 16 00-0003 EA Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP) .....	3,069.38	450.30
22 51 16 00-0004 EA Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR) .....	3,431.14	450.30
<b>22 51 16 00-0005 Electric Powered Portable Vacuum Cleaner Pump</b> <small>(22 51 16)</small>		
<small>Note: Includes 75' of 3 wire electric safety cord.</small>		
22 51 16 00-0006 EA 1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord .....	368.38	52.98
22 51 16 00-0007 EA 1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord .....	641.22	52.98
<b>22 51 16 00-0008 Gasoline Driven Portable Vacuum Cleaner Pump</b> <small>(22 51 16)</small>		
22 51 16 00-0009 EA 3 HP Gasoline Driven Portable Vacuum Cleaner Pump .....	2,455.08	52.98
<b>22 51 19 Swimming Pool Water Treatment Equipment</b> <small>(22 51)</small>		
<b>22 51 19 00-0001 Condensing Pool Water Heater</b> <small>(22 51 19)</small>		
22 51 19 00-0002 EA 372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400) .....	41,078.40	759.38
22 51 19 00-0003 EA 467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501) .....	44,734.11	911.25
22 51 19 00-0004 EA 567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601) .....	49,058.39	987.20
22 51 19 00-0005 EA 660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701) .....	60,298.90	1,063.13
22 51 19 00-0006 EA 773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801) .....	62,538.11	1,139.07
22 51 19 00-0007 EA 967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015) .....	94,874.48	1,366.89
22 51 19 00-0008 EA 1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320) .....	121,643.03	1,442.82
22 51 19 00-0009 EA 1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520) .....	126,536.55	1,556.73
<b>22 51 19 00-0010 Non-Condensing Pool Water Heater</b> <small>(22 51 19)</small>		
22 51 19 00-0011 EA 500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502) .....	21,994.64	987.20
22 51 19 00-0012 EA 650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652) .....	23,438.61	1,063.13
22 51 19 00-0013 EA 750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752) .....	25,538.81	1,139.07
22 51 19 00-0014 EA 990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992) .....	33,779.02	1,366.89

**22 Plumbing**

**22 50 Pool and Fountain Plumbing Systems**

**22 51 Swimming Pool Plumbing Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0015	EA		1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262).....	39,173.28	1,442.82
22 51 19 00-0016	EA		1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442).....	41,815.26	1,556.73
22 51 19 00-0017	EA		1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802).....	41,411.77	1,632.67
22 51 19 00-0018	EA		2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072).....	53,770.50	1,670.64
<b>22 51 19 00-0019</b>			<b>Swimming Pool Heaters</b> (22 51 19) Note: Excludes wiring, external piping, base or pad. Commercial pools.		
<b>22 51 19 00-0020</b>			<b>Electric Pool Heaters</b> (22 51 19 00-0019)		
22 51 19 00-0021	EA		12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool.....	4,329.51	211.90
22 51 19 00-0022	EA		18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool.....	4,839.92	227.80
22 51 19 00-0023	EA		24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool.....	5,375.56	264.88
22 51 19 00-0024	EA		30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool.....	5,685.67	317.86
22 51 19 00-0025	EA		36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool.....	6,243.02	445.00
22 51 19 00-0026	EA		60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool.....	7,139.87	635.71
<b>22 51 19 00-0027</b>			<b>Gas Fired Pool Heaters</b> (22 51 19 00-0019)		
22 51 19 00-0028	EA		120 MBH Output Gas Fired Pool Heater.....	6,026.57	1,053.06
22 51 19 00-0029	EA		180 MBH Output Gas Fired Pool Heater.....	6,845.39	1,203.50
22 51 19 00-0030	EA		240 MBH Output Gas Fired Pool Heater.....	7,734.97	1,353.93
22 51 19 00-0031	EA		300 MBH Output Gas Fired Pool Heater.....	8,901.10	1,654.81
22 51 19 00-0032	EA		360 MBH Output Gas Fired Pool Heater.....	9,159.50	1,743.60
22 51 19 00-0033	EA		400 MBH Output Gas Fired Pool Heater.....	10,728.60	2,131.04
<b>22 51 19 00-0034</b>			<b>Surge Tanks</b> (22 51 19) Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0035	EA		1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	23,537.31	861.01
22 51 19 00-0036	EA		1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	26,478.00	861.01
22 51 19 00-0037	EA		2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	31,851.99	1,094.98
22 51 19 00-0038	EA		5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	41,847.17	1,767.19
<b>22 51 19 00-0039</b>			<b>Diatomite Type Filter System</b> (22 51 19)		
22 51 19 00-0040	EA		35,000 Gallon Filter System, Diatomite.....	14,676.50	3,004.70
22 51 19 00-0041	EA		45,000 Gallon Filter System, Diatomite.....	17,497.60	3,605.65
<b>22 51 19 00-0042</b>			<b>Silver Recovery System, X-Ray Film Processing</b> (22 51 19)		
22 51 19 00-0043	EA		20 Gallon/Day Capacity, Silver Recovery System.....	2,000.84	359.56
22 51 19 00-0044	EA		40 Gallon/Day Capacity, Silver Recovery System.....	2,939.66	479.44
<b>22 51 19 00-0045</b>			<b>Inline Water Filter</b> (22 51 19) Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.		
22 51 19 00-0046	EA		2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....	262.40	105.95
22 51 19 00-0047	EA		6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body.....	480.05	158.93
<b>22 51 19 00-0048</b>			<b>Swimming Pool Chlorinators</b> (22 51 19)		
22 51 19 00-0049	EA		Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator.....	1,126.18	151.52
<b>22 51 19 00-0050</b>			<b>Ultra-Violet Pool Treatment Lights</b> (22 51 19)		
<b>22 51 19 00-0051</b>			<b>Stainless Steel Ultra-Violet Pool Treatment Lights</b> (22 51 19 00-0050) Note: Delta ELP Amalgam Series		
22 51 19 00-0052	EA		3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	15,994.36	330.75
22 51 19 00-0053	EA		3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	16,913.61	330.75
22 51 19 00-0054	EA		3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,701.55	330.75
22 51 19 00-0055	EA		4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	18,259.68	350.26
22 51 19 00-0056	EA		4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	18,650.16	350.26
22 51 19 00-0057	EA		4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	22,195.79	350.26
22 51 19 00-0058	EA		6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	26,163.41	628.99
22 51 19 00-0059	EA		6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	38,850.22	628.99
22 51 19 00-0060	EA		6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	42,661.73	628.99
22 51 19 00-0061	EA		8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	45,735.31	754.59
22 51 19 00-0062	EA		8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	49,130.39	754.59
22 51 19 00-0063	EA		8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	51,500.58	754.59
22 51 19 00-0064	EA		8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	54,062.93	754.59
22 51 19 00-0065	EA		10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	58,061.63	857.72
22 51 19 00-0066	EA		10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	62,545.74	857.72
22 51 19 00-0067	EA		10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	67,029.84	857.72
22 51 19 00-0068	EA		10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	72,474.82	857.72



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**22 51 19 00-0069 HDPE Ultra-Violet Pool Treatment Lights** (22 51 19 00-0050)

Note: Delta EL Series

22 51 19 00-0070	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing .....	7,939.02	330.75
22 51 19 00-0071	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing .....	8,835.82	330.75
22 51 19 00-0072	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing .....	9,762.05	350.26

**22 51 19 00-0073 In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights** (22 51 19 00-0050)

Note: Delta EM Series

22 51 19 00-0074	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	31,000.10	330.75
22 51 19 00-0075	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	31,320.37	330.75
22 51 19 00-0076	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	33,386.05	628.99
22 51 19 00-0077	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	42,315.79	628.99
22 51 19 00-0078	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	59,059.49	754.59
22 51 19 00-0079	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	66,645.50	857.72
22 51 19 00-0080	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	78,558.95	1,109.93
22 51 19 00-0081	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing .....	88,167.72	1,109.93

**22 51 23 Swimming Pool Equipment Controls** (22 51)

**22 51 23 00-0001 Pool Pump Variable Frequency Drive** (22 51 23)

Note: Pentair Acu Drive XS

22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01).....	4,744.84	222.91
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01).....	5,092.76	250.78
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01).....	6,097.65	313.48
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01).....	6,478.01	374.08
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01).....	6,927.87	435.38
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01).....	7,851.21	497.38
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01).....	4,750.87	222.91
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01).....	5,006.34	250.78
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01).....	5,390.20	313.48
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01).....	5,790.66	374.08
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01).....	6,829.39	435.38
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01).....	7,583.91	497.38
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB).....	6,139.65	222.91
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB).....	7,060.36	250.78
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB).....	7,842.15	313.48
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB).....	8,449.62	374.08
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB).....	9,948.60	435.38
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB).....	11,215.62	497.38
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB).....	6,595.87	222.91
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB).....	6,855.76	250.78
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB).....	7,233.18	313.48
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB).....	7,635.65	374.08
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB).....	8,712.58	435.38
22 51 23 00-0025	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB).....	9,529.39	497.38
22 51 23 00-0026	EA	1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12).....	4,513.40	222.91
22 51 23 00-0027	EA	3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12).....	4,589.17	222.91
22 51 23 00-0028	EA	1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12).....	4,635.97	222.91
22 51 23 00-0029	EA	1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12).....	4,762.09	222.91
22 51 23 00-0030	EA	2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12).....	4,952.60	222.91

**22 Plumbing****22 50 Pool and Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0031	EA		3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12).....	5,100.38	222.91
22 51 23 00-0032	EA		5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12).....	5,458.35	250.78
22 51 23 00-0033	EA		7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12).....	6,505.39	313.48
22 51 23 00-0034	EA		10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12).....	6,952.26	374.08
22 51 23 00-0035	EA		15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12).....	7,416.27	435.38
22 51 23 00-0036	EA		20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12).....	8,425.83	497.38
22 51 23 00-0037	EA		25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12).....	11,072.62	619.98
22 51 23 00-0038	EA		30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12).....	12,223.31	682.68
22 51 23 00-0039	EA		40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12).....	14,468.52	745.37
22 51 23 00-0040	EA		50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12).....	16,833.79	870.77
22 51 23 00-0041	EA		60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12).....	18,443.97	933.46
22 51 23 00-0042	EA		1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12).....	4,607.82	222.91
22 51 23 00-0043	EA		3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12).....	4,705.67	222.91
22 51 23 00-0044	EA		1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12).....	4,828.79	222.91
22 51 23 00-0045	EA		1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12).....	4,934.63	222.91
22 51 23 00-0046	EA		2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12).....	5,042.48	222.91
22 51 23 00-0047	EA		3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12).....	5,156.29	222.91
22 51 23 00-0048	EA		5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12).....	5,420.40	250.78
22 51 23 00-0049	EA		7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12).....	5,808.46	313.48
22 51 23 00-0050	EA		10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12).....	6,218.98	374.08
22 51 23 00-0051	EA		15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12).....	7,561.26	435.38
22 51 23 00-0052	EA		20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12).....	8,333.56	497.38
22 51 23 00-0053	EA		25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12).....	9,172.70	619.98
22 51 23 00-0054	EA		30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12).....	10,378.34	682.68
22 51 23 00-0055	EA		40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12).....	11,721.45	745.37
22 51 23 00-0056	EA		50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12).....	14,371.96	870.77
22 51 23 00-0057	EA		60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12).....	15,793.71	933.46
22 51 23 00-0058	EA		75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12).....	17,719.34	996.15
22 51 23 00-0059	EA		100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12).....	21,016.08	1,055.37
22 51 23 00-0060	EA		125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12).....	24,254.98	1,114.57
22 51 23 00-0061	EA		150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12).....	26,301.09	1,246.93
22 51 23 00-0062	EA		200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12).....	30,720.31	1,365.35
22 51 23 00-0063	EA		1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB).....	6,533.37	222.91
22 51 23 00-0064	EA		3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB).....	6,609.14	222.91
22 51 23 00-0065	EA		1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB).....	6,655.94	222.91
22 51 23 00-0066	EA		1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB).....	6,782.06	222.91
22 51 23 00-0067	EA		2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB).....	6,972.57	222.91
22 51 23 00-0068	EA		3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB).....	7,120.35	222.91
22 51 23 00-0069	EA		5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB).....	7,478.32	250.78
22 51 23 00-0070	EA		7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB).....	8,296.69	313.48
22 51 23 00-0071	EA		10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB).....	8,977.11	374.08
22 51 23 00-0072	EA		15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB).....	10,516.57	435.38





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0073 EA 20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB).....	11,884.04	497.38
22 51 23 00-0074 EA 25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB).....	13,983.09	619.98
22 51 23 00-0075 EA 30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB).....	15,394.42	682.68
22 51 23 00-0076 EA 40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB).....	19,689.46	745.37
22 51 23 00-0077 EA 50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB).....	25,982.44	870.77
22 51 23 00-0078 EA 60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB).....	28,559.67	933.46
22 51 23 00-0079 EA 1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB).....	6,504.71	222.91
22 51 23 00-0080 EA 3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB).....	6,602.54	222.91
22 51 23 00-0081 EA 1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB).....	6,725.68	222.91
22 51 23 00-0082 EA 1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB).....	6,831.52	222.91
22 51 23 00-0083 EA 2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB).....	6,939.35	222.91
22 51 23 00-0084 EA 3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB).....	7,053.18	222.91
22 51 23 00-0085 EA 5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB).....	7,317.29	250.78
22 51 23 00-0086 EA 7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB).....	7,703.29	313.48
22 51 23 00-0087 EA 10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB).....	8,113.82	374.08
22 51 23 00-0088 EA 15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB).....	9,497.24	435.38
22 51 23 00-0089 EA 20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB).....	10,333.21	497.38
22 51 23 00-0090 EA 25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB).....	11,307.89	619.98
22 51 23 00-0091 EA 30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB).....	12,747.33	682.68
22 51 23 00-0092 EA 40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB).....	15,106.96	745.37
22 51 23 00-0093 EA 50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB).....	17,380.77	870.77
22 51 23 00-0094 EA 60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB).....	19,357.02	933.46
22 51 23 00-0095 EA 75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB).....	22,494.26	996.15
22 51 23 00-0096 EA 100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB).....	29,712.95	1,055.37
22 51 23 00-0097 EA 125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB).....	32,880.12	1,114.57
22 51 23 00-0098 EA 150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB).....	41,337.25	1,246.93
22 51 23 00-0099 EA 200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB).....	48,590.51	1,365.35
22 51 23 00-0100 EA 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136).....	448.75	
22 51 23 00-0101 EA 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236).....	716.09	
22 51 23 00-0102 EA 380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172).....	792.46	
22 51 23 00-0103 EA 380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272).....	1,346.24	
22 51 23 00-0104 EA 380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372).....	2,568.36	
22 51 23 00-0105 EA 3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT).....	1,599.46	
22 51 23 00-0106 EA 4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT).....	1,672.05	
22 51 23 00-0107 EA 6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT).....	1,824.25	
22 51 23 00-0108 EA 8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT).....	1,956.09	
22 51 23 00-0109 EA 3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT).....	2,292.07	
22 51 23 00-0110 EA 4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT).....	2,360.23	
22 51 23 00-0111 EA 6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT).....	2,505.37	
22 51 23 00-0112 EA 8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT).....	2,633.06	
22 51 23 00-0113 EA 10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT).....	3,148.20	
22 51 23 00-0114 EA 12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT).....	3,159.71	
<b>22 51 23 00-0115 Eco-Flow-E Aquatic Variable Frequency Drive And Options (22 51 23)</b>		
<b>22 51 23 00-0116 Eco-Flow-E Aquatic Variable Frequency Drive (22 51 23 00-0115)</b>		
22 51 23 00-0117 EA 2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4).....	4,012.78	185.77
For Bypass Panel, Add	899.14	



**22 Plumbing**

**22 50 Pool and Fountain Plumbing Systems**

**22 51 Swimming Pool Plumbing Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0118	EA		3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4) .....	4,016.66	185.77
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0119	EA		5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4) .....	4,083.80	208.98
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0120	EA		7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4) .....	4,230.96	261.23
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0121	EA		10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4) .....	4,571.17	311.73
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0122	EA		15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4) .....	5,084.54	362.82
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0123	EA		20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4) .....	5,994.74	414.48
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0124	EA		25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4) .....	6,225.71	518.97
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0125	EA		30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4) .....	7,455.29	570.64
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0126	EA		40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4) .....	7,682.89	621.73
			<i>For Bypass Panel, Add</i> .....	1,295.90	
22 51 23 00-0127	EA		1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2) .....	3,990.79	185.77
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0128	EA		1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2) .....	3,995.97	185.77
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0129	EA		1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2) .....	4,020.54	185.77
			<i>For Bypass Panel, Add</i> .....	899.14	
22 51 23 00-0130	EA		5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2) .....	4,104.48	208.98
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0131	EA		3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2) .....	4,453.36	261.23
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0132	EA		5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2) .....	4,961.68	311.73
			<i>For Bypass Panel, Add</i> .....	1,062.61	
22 51 23 00-0133	EA		7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2) .....	5,879.77	362.82
			<i>For Bypass Panel, Add</i> .....	1,295.90	
22 51 23 00-0134	EA		10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2) .....	6,007.68	414.48
			<i>For Bypass Panel, Add</i> .....	1,295.90	
22 51 23 00-0135	EA		25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2) .....	7,333.86	518.97
			<i>For Bypass Panel, Add</i> .....	1,767.12	
22 51 23 00-0136	EA		15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2) .....	7,563.91	570.64
			<i>For Bypass Panel, Add</i> .....	2,442.64	
<b>22 51 23 00-0137</b>			<b>Eco-Flow-E Aquatic Variable Frequency Drive Options <small>(22 51 23 00-0115)</small></b>		
22 51 23 00-0138	EA		0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30) .....	542.18	87.08
22 51 23 00-0139	EA		0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100) .....	542.18	87.08
22 51 23 00-0140	EA		Lightning Arrestor (H2Flow LA) .....	579.03	58.05
22 51 23 00-0141	EA		2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00) .....	657.40	26.12
22 51 23 00-0142	EA		3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00) .....	678.72	29.03
22 51 23 00-0143	EA		5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00) .....	694.87	31.93
22 51 23 00-0144	EA		7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00) .....	725.24	34.83
22 51 23 00-0145	EA		10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00) .....	738.80	37.73
22 51 23 00-0146	EA		15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00) .....	965.72	40.63
22 51 23 00-0147	EA		20 HP, 480 Volt, Load Reactor (TCI V1K27A00) .....	1,006.45	43.53
22 51 23 00-0148	EA		25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00) .....	1,051.04	46.44
22 51 23 00-0149	EA		30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00) .....	1,094.35	49.35
22 51 23 00-0150	EA		40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00) .....	1,132.47	52.25
22 51 23 00-0151	EA		25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00) .....	1,559.81	55.15
22 51 23 00-0152	EA		1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L) .....	196.41	29.03
22 51 23 00-0153	EA		2 HP, 208/230 Volt, Line Reactor (TCI KDRB27L) .....	209.98	31.93
22 51 23 00-0154	EA		3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L) .....	235.17	34.83
22 51 23 00-0155	EA		5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L) .....	310.80	37.73
22 51 23 00-0156	EA		7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L) .....	348.93	40.63
22 51 23 00-0157	EA		10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L) .....	361.21	43.53
22 51 23 00-0158	EA		15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L) .....	373.47	46.44
22 51 23 00-0159	EA		20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L) .....	396.09	49.35
22 51 23 00-0160	EA		25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L) .....	502.75	52.25
22 51 23 00-0161	EA		30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L) .....	516.31	55.15



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				22 51 23 00-0162 EA 1 HP, 480 Volt, Line Reactor (TCI KDRA8L) .....	197.70	29.03
				22 51 23 00-0163 EA 2 HP, 480 Volt, Line Reactor (TCI KDRA1L) .....	217.73	31.93
				22 51 23 00-0164 EA 3 HP, 480 Volt, Line Reactor (TCI KDRA2L) .....	239.05	34.83
				22 51 23 00-0165 EA 5 HP, 480 Volt, Line Reactor (TCI KDRA3L) .....	251.32	37.73
				22 51 23 00-0166 EA 7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L) .....	262.30	40.63
				22 51 23 00-0167 EA 10 HP, 480 Volt, Line Reactor (TCI KDRA5L) .....	330.18	43.53
				22 51 23 00-0168 EA 15 HP, 480 Volt, Line Reactor (TCI KDRB2L) .....	343.73	46.44
				22 51 23 00-0169 EA 20 HP, 480 Volt, Line Reactor (TCI KDRB1L) .....	361.18	49.35
				22 51 23 00-0170 EA 25 HP, 480 Volt, Line Reactor (TCI KDRD1L) .....	373.45	52.25
				22 51 23 00-0171 EA 30 HP, 480 Volt, Line Reactor (TCI KDRD2L) .....	451.66	55.15
				22 51 23 00-0172 EA 40 HP, 480 Volt, Line Reactor (TCI KDRC1L) .....	492.39	58.05
				22 51 23 00-0173 EA Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit.....	80.64	
				22 51 23 00-0174 EA Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit.....	110.25	
				22 51 23 00-0175 EA Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit.....	137.27	
				<b>22 51 23 00-0176 Pool Flow Meters <small>(22 51 23)</small></b>		
				22 51 23 00-0177 EA 20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15) .....	143.76	21.19
				22 51 23 00-0178 EA 20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R).....	143.76	21.19
				22 51 23 00-0179 EA 20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15).....	223.26	39.73
				22 51 23 00-0180 EA 20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C) .....	186.14	42.38
				<b>22 51 23 00-0181 Paddlewheel Flow Sensors <small>(22 51 23)</small></b>		
				22 51 23 00-0182 EA 1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0).....	969.32	67.05
				Note: Includes 25' of cable (extendable to 200').		
				22 51 23 00-0183 EA 1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO).....	1,291.29	67.05
				22 51 23 00-0184 EA 1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO) .....	1,291.29	67.05
				22 51 23 00-0185 EA 1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO) .....	1,341.72	67.05
				22 51 23 00-0186 EA 1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO).....	1,396.03	67.05
				22 51 23 00-0187 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO).....	1,498.83	67.05
				22 51 23 00-0188 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO).....	1,498.83	67.05
				22 51 23 00-0189 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO) .....	1,562.83	67.05
				22 51 23 00-0190 EA 1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO) .....	1,624.90	67.05
				22 51 23 00-0191 EA >4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1) .....	1,013.93	67.05
				Note: Includes 25' of cable (extendable to 200').		
				22 51 23 00-0192 EA >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1).....	1,341.72	67.05
				22 51 23 00-0193 EA >4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1).....	1,341.72	67.05
				22 51 23 00-0194 EA >4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1).....	1,396.03	67.05
				22 51 23 00-0195 EA >4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1).....	1,446.46	67.05
				22 51 23 00-0196 EA >8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2).....	1,054.66	67.05
				Note: Includes 25' of cable (extendable to 200').		
				22 51 23 00-0197 EA 2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020) .....	329.41	
				22 51 23 00-0198 EA 4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040) .....	455.34	
				22 51 23 00-0199 EA 6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060) .....	559.95	
				22 51 23 00-0200 EA 8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080) .....	687.84	
				22 51 23 00-0201 EA 10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100) .....	910.74	
				22 51 23 00-0202 EA 12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120) .....	922.25	
				22 51 23 00-0203 EA 24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524) .....	317.87	18.57
				22 51 23 00-0204 EA 24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524) .....	440.07	18.57
				22 51 23 00-0205 EA 24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024) .....	544.80	18.57
				22 51 23 00-0206 EA 24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024) .....	692.21	18.57
				22 51 23 00-0207 EA 24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024) .....	963.76	18.57

## 22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities (22)

### 22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities (22 60)

#### 22 66 53 Laboratory Chemical-Waste and Vent Piping (22 66)

22 66 53 00-0001	Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>			
22 66 53 00-0002	Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fusal Fittings <small>(22 66 53 00-0001)</small>			
22 66 53 00-0003	Schedule 40 Polypropylene Acid Resistant DWV Pipe <small>(22 66 53 00-0002)</small>			

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0004	LF		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	13.97	6.03
			<i>For Schedule 80, Add</i>	2.53	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	2.17	
			<i>For Work In Restricted Working Space, Add</i>	2.73	
22 66 53 00-0005	LF		2" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	16.83	6.78
			<i>For Schedule 80, Add</i>	3.43	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	2.93	
			<i>For Work In Restricted Working Space, Add</i>	3.07	
22 66 53 00-0006	LF		3" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	26.71	9.85
			<i>For Schedule 80, Add</i>	6.18	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	5.29	
			<i>For Work In Restricted Working Space, Add</i>	4.45	
22 66 53 00-0007	LF		4" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	36.14	12.82
			<i>For Schedule 80, Add</i>	8.78	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	7.51	
			<i>For Work In Restricted Working Space, Add</i>	5.78	
22 66 53 00-0008	LF		6" Schedule 40 Polypropylene Acid Resistant DWV Pipe.....	58.70	18.86
			<i>For Schedule 80, Add</i>	15.83	
			<i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i>	13.55	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
<b>22 66 53 00-0009</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends</b> (22 66 53 00-0002)		
22 66 53 00-0010	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	53.83	22.78
			<i>For Work In Restricted Working Space, Add</i>	10.25	
22 66 53 00-0011	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	69.48	30.09
			<i>For Work In Restricted Working Space, Add</i>	13.52	
22 66 53 00-0012	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	93.10	34.43
			<i>For Work In Restricted Working Space, Add</i>	15.50	
22 66 53 00-0013	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	134.29	45.56
			<i>For Work In Restricted Working Space, Add</i>	20.51	
22 66 53 00-0014	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend.....	262.96	67.28
			<i>For Work In Restricted Working Space, Add</i>	30.27	
<b>22 66 53 00-0015</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends</b> (22 66 53 00-0002)		
22 66 53 00-0016	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	53.49	22.78
			<i>For Work In Restricted Working Space, Add</i>	10.25	
22 66 53 00-0017	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	68.59	30.09
			<i>For Work In Restricted Working Space, Add</i>	13.52	
22 66 53 00-0018	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	94.80	34.43
			<i>For Work In Restricted Working Space, Add</i>	15.50	
22 66 53 00-0019	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	117.25	45.56
			<i>For Work In Restricted Working Space, Add</i>	20.51	
22 66 53 00-0020	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend.....	236.55	67.28
			<i>For Work In Restricted Working Space, Add</i>	30.27	
<b>22 66 53 00-0021</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees</b> (22 66 53 00-0002)		
22 66 53 00-0022	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	97.47	48.74
			<i>For Work In Restricted Working Space, Add</i>	21.92	
22 66 53 00-0023	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	121.36	61.45
			<i>For Work In Restricted Working Space, Add</i>	27.64	
22 66 53 00-0024	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	159.38	67.28
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 66 53 00-0025	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	220.03	88.36
			<i>For Work In Restricted Working Space, Add</i>	39.74	
22 66 53 00-0026	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee.....	386.07	141.34
			<i>For Work In Restricted Working Space, Add</i>	63.57	
<b>22 66 53 00-0027</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees</b> (22 66 53 00-0002)		
22 66 53 00-0028	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	121.32	61.45
			<i>For Work In Restricted Working Space, Add</i>	27.64	
22 66 53 00-0029	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	155.30	67.28
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 66 53 00-0030	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	151.67	67.28
			<i>For Work In Restricted Working Space, Add</i>	30.27	
22 66 53 00-0031	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	210.72	88.36
			<i>For Work In Restricted Working Space, Add</i>	39.74	
22 66 53 00-0032	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	214.23	88.36
			<i>For Work In Restricted Working Space, Add</i>	39.74	
22 66 53 00-0033	EA		6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee.....	360.15	141.34
			<i>For Work In Restricted Working Space, Add</i>	63.57	
<b>22 66 53 00-0034</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug</b> (22 66 53 00-0002)		
22 66 53 00-0035	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug.....	109.38	48.74
			<i>For Work In Restricted Working Space, Add</i>	21.92	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0036 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug ..... <i>For Work In Restricted Working Space, Add</i>	124.24 27.64	61.45
22 66 53 00-0037 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug ..... <i>For Work In Restricted Working Space, Add</i>	168.20 30.27	67.28
22 66 53 00-0038 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug ..... <i>For Work In Restricted Working Space, Add</i>	224.09 39.74	88.36
22 66 53 00-0039 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug ..... <i>For Work In Restricted Working Space, Add</i>	335.81 63.57	141.34
<b>22 66 53 00-0040 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes <small>(22 66 53 00-0002)</small></b>		
22 66 53 00-0041 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	104.16 21.92	48.74
22 66 53 00-0042 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	127.56 27.64	61.45
22 66 53 00-0043 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	163.07 30.27	67.28
22 66 53 00-0044 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	223.09 39.74	88.36
22 66 53 00-0045 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	441.99 63.57	141.34
<b>22 66 53 00-0046 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes <small>(22 66 53 00-0002)</small></b>		
22 66 53 00-0047 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	135.74 27.64	61.45
22 66 53 00-0048 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	158.87 30.27	67.28
22 66 53 00-0049 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	158.87 30.27	67.28
22 66 53 00-0050 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	219.46 39.74	88.36
22 66 53 00-0051 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	219.46 39.74	88.36
22 66 53 00-0052 EA 6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	393.82 63.57	141.34
22 66 53 00-0053 EA 6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	396.64 63.57	141.34
22 66 53 00-0054 EA 6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	361.34 63.57	141.34
<b>22 66 53 00-0055 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses <small>(22 66 53 00-0002)</small></b>		
22 66 53 00-0056 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross ..... <i>For Work In Restricted Working Space, Add</i>	129.59 27.40	60.92
22 66 53 00-0057 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	160.99 34.55	76.82
22 66 53 00-0058 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	217.82 37.84	84.13
22 66 53 00-0059 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	302.84 49.67	110.40
22 66 53 00-0060 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	537.91 79.46	176.62
<b>22 66 53 00-0061 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends <small>(22 66 53 00-0002)</small></b>		
22 66 53 00-0062 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	95.29 21.92	48.74
22 66 53 00-0063 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	124.59 27.64	61.45
22 66 53 00-0064 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	142.44 30.27	67.28
22 66 53 00-0065 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	197.05 39.74	88.36
22 66 53 00-0066 EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	114.93 27.64	61.45
22 66 53 00-0067 EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	138.55 30.27	67.28
22 66 53 00-0068 EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	140.11 30.27	67.28
22 66 53 00-0069 EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	191.27 39.74	88.36
22 66 53 00-0070 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend ..... <i>For Work In Restricted Working Space, Add</i>	192.26 39.74	88.36
<b>22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps <small>(22 66 53 00-0002)</small></b>		
22 66 53 00-0072 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap..... <i>For Work In Restricted Working Space, Add</i>	112.63 25.43	56.58

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0073	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	149.87 33.46	74.38
22 66 53 00-0074	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	226.80 45.41	100.97
22 66 53 00-0075	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap ..... <i>For Work In Restricted Working Space, Add</i>	319.39 57.79	128.52
<b>22 66 53 00-0076</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters</b> (22 66 53 00-0002)		
22 66 53 00-0077	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	52.90 10.25	22.78
22 66 53 00-0078	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	64.59 13.52	30.09
22 66 53 00-0079	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	75.82 15.50	34.43
22 66 53 00-0080	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	103.14 20.51	45.56
22 66 53 00-0081	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter ..... <i>For Work In Restricted Working Space, Add</i>	153.01 30.27	67.28
<b>22 66 53 00-0082</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters</b> (22 66 53 00-0002)		
22 66 53 00-0083	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	50.55 10.25	22.78
22 66 53 00-0084	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	66.36 13.52	30.09
22 66 53 00-0085	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	79.08 15.50	34.43
22 66 53 00-0086	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter ..... <i>For Work In Restricted Working Space, Add</i>	106.34 20.51	45.56
<b>22 66 53 00-0087</b>			<b>Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings</b> (22 66 53 00-0002)		
22 66 53 00-0088	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	47.63 10.25	22.78
22 66 53 00-0089	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	61.12 13.52	30.09
22 66 53 00-0090	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	71.15 15.50	34.43
22 66 53 00-0091	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	94.09 20.51	45.56
22 66 53 00-0092	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling ..... <i>For Work In Restricted Working Space, Add</i>	138.32 30.27	67.28
<b>22 66 53 00-0093</b>			<b>Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings</b> (22 66 53)		
<b>22 66 53 00-0094</b>			<b>Glass Acid Resistant DWV Pipe</b> (22 66 53 00-0093)		
22 66 53 00-0095	LF		1-1/2" Glass Acid Resistant DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	40.10 3.50	5.82
22 66 53 00-0096	LF		2" Glass Acid Resistant DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	51.46 3.81	6.36
22 66 53 00-0097	LF		3" Glass Acid Resistant DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	71.05 5.36	8.90
22 66 53 00-0098	LF		4" Glass Acid Resistant DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	119.86 6.94	11.55
22 66 53 00-0099	LF		6" Glass Acid Resistant DWV Pipe ..... <i>For Work In Restricted Working Space, Add</i>	204.97 9.46	15.79
<b>22 66 53 00-0100</b>			<b>Glass Acid Resistant DWV 90 Or 60 Degree Sweeps</b> (22 66 53 00-0093)		
22 66 53 00-0101	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	112.33 15.54	25.96
22 66 53 00-0102	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	131.37 16.49	27.54
22 66 53 00-0103	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	188.34 18.75	31.26
22 66 53 00-0104	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	283.54 24.80	41.32
22 66 53 00-0105	EA		6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	726.70 34.33	57.21
<b>22 66 53 00-0106</b>			<b>Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps</b> (22 66 53 00-0093)		
22 66 53 00-0107	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	112.55 15.61	26.06
22 66 53 00-0108	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	130.95 16.37	27.23
22 66 53 00-0109	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	188.13 18.69	31.15





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0110 EA 4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	283.54 24.80	41.32
22 66 53 00-0111 EA 6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep ..... <i>For Work In Restricted Working Space, Add</i>	726.68 34.33	57.21
<b>22 66 53 00-0122 Glass Acid Resistant DWV 90 Or 60 Degree Bends (22 66 53 00-0093)</b>		
22 66 53 00-0113 EA 1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	114.20 15.61	26.06
22 66 53 00-0114 EA 2" Glass Acid Resistant DWV 90 Or 60 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	132.93 16.37	27.23
22 66 53 00-0115 EA 3" Glass Acid Resistant DWV 90 Or 60 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	191.60 18.69	31.15
22 66 53 00-0116 EA 4" Glass Acid Resistant DWV 90 Or 60 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	283.54 24.80	41.32
<b>22 66 53 00-0117 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends (22 66 53 00-0093)</b>		
22 66 53 00-0118 EA 1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	114.20 15.61	26.06
22 66 53 00-0119 EA 2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	132.93 16.37	27.23
22 66 53 00-0120 EA 3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	191.60 18.69	31.15
22 66 53 00-0121 EA 4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend ..... <i>For Work In Restricted Working Space, Add</i>	283.54 24.80	41.32
<b>22 66 53 00-0122 Glass Acid Resistant DWV 90 Degree Bends With Long Leg (22 66 53 00-0093)</b>		
22 66 53 00-0123 EA 1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg ..... <i>For Work In Restricted Working Space, Add</i>	137.79 15.61	26.06
22 66 53 00-0124 EA 2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg ..... <i>For Work In Restricted Working Space, Add</i>	166.83 16.37	27.23
<b>22 66 53 00-0125 Glass Acid Resistant DWV Double Quarter Bends (22 66 53 00-0093)</b>		
22 66 53 00-0126 EA 1-1/2" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	186.17 23.41	38.99
22 66 53 00-0127 EA 2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	244.42 24.22	40.37
22 66 53 00-0128 EA 2" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	223.71 24.56	40.90
22 66 53 00-0129 EA 3" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	313.38 28.04	46.72
22 66 53 00-0130 EA 4" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	535.16 37.19	61.99
22 66 53 00-0131 EA 6" Glass Acid Resistant DWV Double Quarter Bend ..... <i>For Work In Restricted Working Space, Add</i>	831.71 51.50	85.82
<b>22 66 53 00-0132 Glass Acid Resistant DWV Sanitary Tees (22 66 53 00-0093)</b>		
22 66 53 00-0133 EA 1-1/2" Glass Acid Resistant DWV Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	175.96 23.52	39.20
22 66 53 00-0134 EA 2" Glass Acid Resistant DWV Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	179.13 24.47	40.79
22 66 53 00-0135 EA 3" Glass Acid Resistant DWV Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	238.74 27.97	46.62
22 66 53 00-0136 EA 4" Glass Acid Resistant DWV Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	385.04 37.19	61.99
22 66 53 00-0137 EA 6" Glass Acid Resistant DWV Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	871.04 51.49	85.82
<b>22 66 53 00-0138 Glass Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0093)</b>		
22 66 53 00-0139 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	178.07 24.16	40.27
22 66 53 00-0140 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	216.58 26.38	43.97
22 66 53 00-0141 EA 3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	232.09 27.02	45.03
22 66 53 00-0142 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	303.74 32.74	54.56
22 66 53 00-0143 EA 4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	320.84 33.06	55.10
22 66 53 00-0144 EA 4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	338.41 34.01	56.69
22 66 53 00-0145 EA 6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	632.89 42.60	70.99
22 66 53 00-0146 EA 6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	687.32 43.55	72.57
22 66 53 00-0147 EA 6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	700.72 46.73	77.87



**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>22 66 53 00-0148</b>	<b>Glass Acid Resistant DWV Double Sanitary Tees</b> (22 66 53 00-0093)		
22 66 53 00-0149	EA 1-1/2" Glass Acid Resistant DWV Double Sanitary Tee .....	253.47	51.91
	<i>For Work In Restricted Working Space, Add</i>	31.15	
22 66 53 00-0150	EA 2" Glass Acid Resistant DWV Double Sanitary Tee.....	258.75	54.56
	<i>For Work In Restricted Working Space, Add</i>	32.74	
22 66 53 00-0151	EA 3" Glass Acid Resistant DWV Double Sanitary Tee.....	344.93	62.51
	<i>For Work In Restricted Working Space, Add</i>	37.51	
22 66 53 00-0152	EA 4" Glass Acid Resistant DWV Double Sanitary Tee.....	586.72	82.64
	<i>For Work In Restricted Working Space, Add</i>	49.58	
22 66 53 00-0153	EA 6" Glass Acid Resistant DWV Double Sanitary Tee.....	1,088.33	114.43
	<i>For Work In Restricted Working Space, Add</i>	68.66	
<b>22 66 53 00-0154</b>	<b>Glass Acid Resistant DWV Reducing Double Sanitary Tees</b> (22 66 53 00-0093)		
22 66 53 00-0155	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	256.63	53.50
	<i>For Work In Restricted Working Space, Add</i>	32.10	
22 66 53 00-0156	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	302.09	57.21
	<i>For Work In Restricted Working Space, Add</i>	34.33	
22 66 53 00-0157	EA 3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	321.91	58.27
	<i>For Work In Restricted Working Space, Add</i>	34.97	
22 66 53 00-0158	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	490.55	67.28
	<i>For Work In Restricted Working Space, Add</i>	40.37	
22 66 53 00-0159	EA 4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	483.13	68.87
	<i>For Work In Restricted Working Space, Add</i>	41.32	
22 66 53 00-0160	EA 4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	520.18	72.57
	<i>For Work In Restricted Working Space, Add</i>	43.55	
22 66 53 00-0161	EA 6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	704.04	84.76
	<i>For Work In Restricted Working Space, Add</i>	50.85	
22 66 53 00-0162	EA 6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	770.22	88.47
	<i>For Work In Restricted Working Space, Add</i>	53.08	
22 66 53 00-0163	EA 6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee .....	874.45	98.54
	<i>For Work In Restricted Working Space, Add</i>	59.11	
<b>22 66 53 00-0164</b>	<b>Glass Acid Resistant DWV Tees</b> (22 66 53 00-0093)		
22 66 53 00-0165	EA 1-1/2" Glass Acid Resistant DWV Tee.....	199.12	39.20
	<i>For Work In Restricted Working Space, Add</i>	23.53	
22 66 53 00-0166	EA 2" Glass Acid Resistant DWV Tee .....	202.28	40.79
	<i>For Work In Restricted Working Space, Add</i>	24.47	
22 66 53 00-0167	EA 3" Glass Acid Resistant DWV Tee .....	267.51	46.62
	<i>For Work In Restricted Working Space, Add</i>	27.97	
22 66 53 00-0168	EA 4" Glass Acid Resistant DWV Tee .....	430.16	61.99
	<i>For Work In Restricted Working Space, Add</i>	37.19	
22 66 53 00-0169	EA 6" Glass Acid Resistant DWV Tee .....	925.12	85.82
	<i>For Work In Restricted Working Space, Add</i>	51.50	
<b>22 66 53 00-0170</b>	<b>Glass Acid Resistant DWV Reducing Tees</b> (22 66 53 00-0093)		
22 66 53 00-0171	EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee.....	201.21	40.27
	<i>For Work In Restricted Working Space, Add</i>	24.15	
22 66 53 00-0172	EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee.....	240.72	43.97
	<i>For Work In Restricted Working Space, Add</i>	26.38	
22 66 53 00-0173	EA 3" x 2" Glass Acid Resistant DWV Reducing Tee.....	246.31	45.03
	<i>For Work In Restricted Working Space, Add</i>	27.02	
22 66 53 00-0174	EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee.....	309.04	54.56
	<i>For Work In Restricted Working Space, Add</i>	32.74	
22 66 53 00-0175	EA 4" x 2" Glass Acid Resistant DWV Reducing Tee .....	318.35	55.10
	<i>For Work In Restricted Working Space, Add</i>	33.05	
22 66 53 00-0176	EA 4" x 3" Glass Acid Resistant DWV Reducing Tee .....	392.66	56.69
	<i>For Work In Restricted Working Space, Add</i>	34.02	
22 66 53 00-0177	EA 6" x 3" Glass Acid Resistant DWV Reducing Tee .....	786.50	72.57
	<i>For Work In Restricted Working Space, Add</i>	43.54	
22 66 53 00-0178	EA 6" x 4" Glass Acid Resistant DWV Reducing Tee.....	816.76	77.87
	<i>For Work In Restricted Working Space, Add</i>	46.72	
<b>22 66 53 00-0179</b>	<b>Glass Acid Resistant DWV Test Tees With Cleanout</b> (22 66 53 00-0093)		
22 66 53 00-0180	EA 1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout .....	238.80	39.20
	<i>For Work In Restricted Working Space, Add</i>	23.53	
22 66 53 00-0181	EA 2" Glass Acid Resistant DWV Test Tee With Cleanout.....	269.57	40.79
	<i>For Work In Restricted Working Space, Add</i>	24.47	
22 66 53 00-0182	EA 3" Glass Acid Resistant DWV Test Tee With Cleanout.....	352.33	46.62
	<i>For Work In Restricted Working Space, Add</i>	27.97	
22 66 53 00-0183	EA 4" Glass Acid Resistant DWV Test Tee With Cleanout.....	623.45	61.99
	<i>For Work In Restricted Working Space, Add</i>	37.19	
22 66 53 00-0184	EA 6" Glass Acid Resistant DWV Test Tee With Cleanout.....	925.12	85.82
	<i>For Work In Restricted Working Space, Add</i>	51.50	
<b>22 66 53 00-0185</b>	<b>Glass Acid Resistant DWV Wyes</b> (22 66 53 00-0093)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0186 EA 1-1/2" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	180.93 23.53	39.20
22 66 53 00-0187 EA 2" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	184.09 24.47	40.79
22 66 53 00-0188 EA 3" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	258.58 27.97	46.62
22 66 53 00-0189 EA 4" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	407.18 37.19	61.99
22 66 53 00-0190 EA 6" Glass Acid Resistant DWV Wye..... <i>For Work In Restricted Working Space, Add</i>	855.85 51.50	85.82
<b>22 66 53 00-0191 Glass Acid Resistant DWV Reducing Wyes (22 66 53 00-0093)</b>		
22 66 53 00-0192 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	183.02 24.15	40.27
22 66 53 00-0193 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	226.83 26.38	43.97
22 66 53 00-0194 EA 3" x 2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	233.25 27.02	45.03
22 66 53 00-0195 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	323.59 32.74	54.56
22 66 53 00-0196 EA 4" x 2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	326.61 33.05	55.10
22 66 53 00-0197 EA 4" x 3" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	357.94 34.02	56.69
22 66 53 00-0198 EA 6" x 2" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	611.37 42.59	70.99
22 66 53 00-0199 EA 6" x 3" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	717.72 43.54	72.57
22 66 53 00-0200 EA 6" x 4" Glass Acid Resistant DWV Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	781.04 46.72	77.87
<b>22 66 53 00-0201 Glass Acid Resistant DWV Double Wyes (22 66 53 00-0093)</b>		
22 66 53 00-0202 EA 1-1/2" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	303.40 31.15	51.91
22 66 53 00-0203 EA 2" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	308.71 32.74	54.56
22 66 53 00-0204 EA 3" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	422.45 37.50	62.51
22 66 53 00-0205 EA 4" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	665.90 49.57	82.64
22 66 53 00-0206 EA 6" Glass Acid Resistant DWV Double Wye..... <i>For Work In Restricted Working Space, Add</i>	1,131.11 68.68	114.43
<b>22 66 53 00-0207 Glass Acid Resistant DWV Reducing Double Wyes (22 66 53 00-0093)</b>		
22 66 53 00-0208 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	306.55 32.09	53.50
22 66 53 00-0209 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	313.99 34.33	57.21
22 66 53 00-0210 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	370.34 34.96	58.27
22 66 53 00-0211 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	459.49 40.38	67.28
22 66 53 00-0212 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	487.11 41.32	68.87
22 66 53 00-0213 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	580.82 43.54	72.57
22 66 53 00-0214 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	924.15 50.84	84.76
22 66 53 00-0215 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	970.42 53.08	88.47
22 66 53 00-0216 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Wye..... <i>For Work In Restricted Working Space, Add</i>	1,033.71 59.12	98.54
<b>22 66 53 00-0217 Glass Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0093)</b>		
22 66 53 00-0218 EA 1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	207.11 23.53	39.20
22 66 53 00-0219 EA 2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	211.37 24.47	40.79
22 66 53 00-0220 EA 3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	274.79 27.97	46.62
22 66 53 00-0221 EA 4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	415.61 37.19	61.99
22 66 53 00-0222 EA 6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	832.20 51.50	85.82
<b>22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends (22 66 53 00-0093)</b>		

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0224 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	210.30	40.27
<i>For Work In Restricted Working Space, Add</i>	24.15	
22 66 53 00-0225 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	230.96	43.97
<i>For Work In Restricted Working Space, Add</i>	26.38	
22 66 53 00-0226 EA 3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	249.78	45.03
<i>For Work In Restricted Working Space, Add</i>	27.02	
22 66 53 00-0227 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	313.67	54.56
<i>For Work In Restricted Working Space, Add</i>	32.74	
22 66 53 00-0228 EA 4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	328.76	55.10
<i>For Work In Restricted Working Space, Add</i>	33.05	
22 66 53 00-0229 EA 4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	360.42	56.69
<i>For Work In Restricted Working Space, Add</i>	34.02	
22 66 53 00-0230 EA 6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	612.85	70.99
<i>For Work In Restricted Working Space, Add</i>	42.59	
22 66 53 00-0231 EA 6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	703.34	72.57
<i>For Work In Restricted Working Space, Add</i>	43.54	
22 66 53 00-0232 EA 6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	714.91	77.87
<i>For Work In Restricted Working Space, Add</i>	46.72	
<b>22 66 53 00-0233 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends</b> (22 66 53 00-0093)		
22 66 53 00-0234 EA 1-1/2" Double Glass Combination Wye And 1/8 Bend .....	278.60	51.91
<i>For Work In Restricted Working Space, Add</i>	31.15	
22 66 53 00-0235 EA 2" Double Glass Combination Wye And 1/8 Bend .....	329.54	54.56
<i>For Work In Restricted Working Space, Add</i>	32.74	
22 66 53 00-0236 EA 3" Double Glass Combination Wye And 1/8 Bend .....	453.87	62.51
<i>For Work In Restricted Working Space, Add</i>	37.50	
22 66 53 00-0237 EA 4" Double Glass Combination Wye And 1/8 Bend .....	738.98	82.64
<i>For Work In Restricted Working Space, Add</i>	49.57	
22 66 53 00-0238 EA 6" Double Glass Combination Wye And 1/8 Bend .....	1,247.76	114.43
<i>For Work In Restricted Working Space, Add</i>	68.68	
<b>22 66 53 00-0239 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends</b> (22 66 53 00-0093)		
22 66 53 00-0240 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	285.55	53.50
<i>For Work In Restricted Working Space, Add</i>	32.09	
22 66 53 00-0241 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	372.52	57.21
<i>For Work In Restricted Working Space, Add</i>	34.33	
22 66 53 00-0242 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	365.05	58.27
<i>For Work In Restricted Working Space, Add</i>	34.96	
22 66 53 00-0243 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	500.16	67.28
<i>For Work In Restricted Working Space, Add</i>	40.38	
22 66 53 00-0244 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	493.56	68.87
<i>For Work In Restricted Working Space, Add</i>	41.32	
22 66 53 00-0245 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	557.83	72.57
<i>For Work In Restricted Working Space, Add</i>	43.54	
22 66 53 00-0246 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	817.61	84.76
<i>For Work In Restricted Working Space, Add</i>	50.84	
22 66 53 00-0247 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	872.86	88.47
<i>For Work In Restricted Working Space, Add</i>	53.08	
22 66 53 00-0248 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	1,022.14	98.54
<i>For Work In Restricted Working Space, Add</i>	59.12	
<b>22 66 53 00-0249 Glass Acid Resistant DWV Partition Crosses (Compact)</b> (22 66 53 00-0093)		
22 66 53 00-0250 EA 2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) .....	318.62	53.50
<i>For Work In Restricted Working Space, Add</i>	32.09	
22 66 53 00-0251 EA 2" Glass Acid Resistant DWV Partition Cross (Compact) .....	320.78	54.56
<i>For Work In Restricted Working Space, Add</i>	32.74	
22 66 53 00-0252 EA 2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) .....	348.34	52.98
<i>For Work In Restricted Working Space, Add</i>	31.79	
<b>22 66 53 00-0253 Glass Acid Resistant DWV Upright Y Or H (Vent Branch)</b> (22 66 53 00-0093)		
22 66 53 00-0254 EA 1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) .....	325.44	39.20
<i>For Work In Restricted Working Space, Add</i>	23.53	
22 66 53 00-0255 EA 2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) .....	360.84	40.79
<i>For Work In Restricted Working Space, Add</i>	24.47	
22 66 53 00-0256 EA 3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) .....	415.49	46.62
<i>For Work In Restricted Working Space, Add</i>	27.97	
22 66 53 00-0257 EA 4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) .....	615.68	61.99
<i>For Work In Restricted Working Space, Add</i>	37.19	
22 66 53 00-0258 EA 6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) .....	1,184.71	85.82
<i>For Work In Restricted Working Space, Add</i>	51.50	
<b>22 66 53 00-0259 Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch)</b> (22 66 53 00-0093)		
22 66 53 00-0260 EA 2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) .....	326.54	40.27
<i>For Work In Restricted Working Space, Add</i>	24.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0261 EA 3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) .....	374.64	43.97
For Work In Restricted Working Space, Add	26.38	
22 66 53 00-0262 EA 3" x 2" Reducing Glass Upright Y Or H (Vent Branch).....	400.74	45.03
For Work In Restricted Working Space, Add	27.02	
22 66 53 00-0263 EA 4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) .....	462.48	54.56
For Work In Restricted Working Space, Add	32.74	
22 66 53 00-0264 EA 4" x 2" Reducing Glass Upright Y Or H (Vent Branch).....	492.12	55.10
For Work In Restricted Working Space, Add	33.05	
22 66 53 00-0265 EA 4" x 3" Reducing Glass Upright Y Or H (Vent Branch).....	544.28	56.69
For Work In Restricted Working Space, Add	34.02	
22 66 53 00-0266 EA 6" x 3" Reducing Glass Upright Y Or H (Vent Branch).....	793.28	72.57
For Work In Restricted Working Space, Add	43.54	
22 66 53 00-0267 EA 6" x 4" Reducing Glass Upright Y Or H (Vent Branch).....	908.36	77.87
For Work In Restricted Working Space, Add	46.72	
<b>22 66 53 00-0268 Glass Acid Resistant DWV Reducers Or Increasesers (22 66 53 00-0093)</b>		
22 66 53 00-0269 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase.....	105.89	26.49
For Eccentric Reducers Or Increasesers, Add	4.23	
For Work In Restricted Working Space, Add	15.89	
22 66 53 00-0270 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase.....	135.75	28.61
For Eccentric Reducers Or Increasesers, Add	6.28	
For Work In Restricted Working Space, Add	17.16	
22 66 53 00-0271 EA 3" x 2" Glass Acid Resistant DWV Reducer Or Increase.....	146.23	29.13
For Eccentric Reducers Or Increasesers, Add	7.04	
For Work In Restricted Working Space, Add	17.48	
22 66 53 00-0272 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase.....	190.66	33.91
For Eccentric Reducers Or Increasesers, Add	9.83	
For Work In Restricted Working Space, Add	20.34	
22 66 53 00-0273 EA 4" x 2" Glass Acid Resistant DWV Reducer Or Increase.....	199.33	34.43
For Eccentric Reducers Or Increasesers, Add	10.44	
For Work In Restricted Working Space, Add	20.66	
22 66 53 00-0274 EA 4" x 3" Glass Acid Resistant DWV Reducer Or Increase.....	213.09	36.03
For Eccentric Reducers Or Increasesers, Add	11.28	
For Work In Restricted Working Space, Add	21.62	
22 66 53 00-0275 EA 6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase.....	440.84	41.85
For Eccentric Reducers Or Increasesers, Add	28.57	
For Work In Restricted Working Space, Add	25.11	
22 66 53 00-0276 EA 6" x 2" Glass Acid Resistant DWV Reducer Or Increase.....	464.55	42.38
For Eccentric Reducers Or Increasesers, Add	30.38	
For Work In Restricted Working Space, Add	25.43	
22 66 53 00-0277 EA 6" x 3" Glass Acid Resistant DWV Reducer Or Increase.....	493.69	43.97
For Eccentric Reducers Or Increasesers, Add	32.46	
For Work In Restricted Working Space, Add	26.38	
22 66 53 00-0278 EA 6" x 4" Glass Acid Resistant DWV Reducer Or Increase.....	516.03	49.27
For Eccentric Reducers Or Increasesers, Add	33.40	
For Work In Restricted Working Space, Add	29.56	
<b>22 66 53 00-0279 Glass Acid Resistant DWV Swivel P-Traps (22 66 53 00-0093)</b>		
22 66 53 00-0280 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	264.59	39.20
For Work In Restricted Working Space, Add	23.52	
22 66 53 00-0281 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	284.39	40.27
For Work In Restricted Working Space, Add	24.16	
22 66 53 00-0282 EA 2" Glass Acid Resistant DWV Swivel P-Trap.....	322.65	40.79
For Work In Restricted Working Space, Add	24.47	
22 66 53 00-0283 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	288.73	39.20
For Work In Restricted Working Space, Add	23.52	
22 66 53 00-0284 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	315.14	40.27
For Work In Restricted Working Space, Add	24.16	
22 66 53 00-0285 EA 2" Glass Acid Resistant DWV Swivel P-Trap.....	357.37	40.79
For Work In Restricted Working Space, Add	24.47	
22 66 53 00-0286 EA 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	295.34	39.20
For Work In Restricted Working Space, Add	23.52	
22 66 53 00-0287 EA 2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap.....	315.14	40.27
For Work In Restricted Working Space, Add	24.16	
22 66 53 00-0288 EA 2" Glass Acid Resistant DWV Swivel P-Trap.....	357.37	40.79
For Work In Restricted Working Space, Add	24.47	
<b>22 66 53 00-0289 Glass Acid Resistant DWV Drum P-Traps (22 66 53 00-0093)</b>		
22 66 53 00-0290 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap.....	370.40	39.20
For Work In Restricted Working Space, Add	23.52	
22 66 53 00-0291 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap.....	472.38	40.27
For Work In Restricted Working Space, Add	24.16	
22 66 53 00-0292 EA 2" Glass Acid Resistant DWV Drum P-Trap.....	486.67	40.79
For Work In Restricted Working Space, Add	24.47	
22 66 53 00-0293 EA 1-1/2" Glass Acid Resistant DWV Drum P-Trap.....	410.58	39.20
For Work In Restricted Working Space, Add	23.52	
22 66 53 00-0294 EA 2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap.....	436.17	40.27
For Work In Restricted Working Space, Add	24.16	
22 66 53 00-0295 EA 2" Glass Acid Resistant DWV Drum P-Trap.....	494.44	40.79
For Work In Restricted Working Space, Add	24.47	

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>22 66 53 00-0296</b>	<b>Glass Acid Resistant DWV Cleanout Plugs</b> <small>(22 66 53 00-0093)</small>		
22 66 53 00-0297	EA 1-1/2" Glass Acid Resistant DWV Cleanout Plug.....	51.13	13.25
	<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0298	EA 2" Glass Acid Resistant DWV Cleanout Plug.....	58.62	13.77
	<i>For Work In Restricted Working Space, Add</i>	8.26	
22 66 53 00-0299	EA 3" Glass Acid Resistant DWV Cleanout Plug.....	75.21	15.36
	<i>For Work In Restricted Working Space, Add</i>	9.22	
22 66 53 00-0300	EA 4" Glass Acid Resistant DWV Cleanout Plug.....	121.35	20.66
	<i>For Work In Restricted Working Space, Add</i>	12.40	
22 66 53 00-0301	EA 6" Glass Acid Resistant DWV Cleanout Plug.....	174.11	28.61
	<i>For Work In Restricted Working Space, Add</i>	17.16	
<b>22 66 53 00-0302</b>	<b>Glass Acid Resistant DWV Sink Fittings</b> <small>(22 66 53 00-0093)</small>		
22 66 53 00-0303	EA 1-1/2" Glass Acid Resistant DWV Interceptor Trap.....	810.01	51.91
	<i>For Work In Restricted Working Space, Add</i>	31.15	
22 66 53 00-0304	EA 1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly.....	72.29	13.25
	<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0305	EA 1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly.....	81.05	13.25
	<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0306	EA 1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings.....	107.21	26.49
	<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0307	EA 3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings.....	236.15	27.54
	<i>For Work In Restricted Working Space, Add</i>	16.53	
22 66 53 00-0308	EA 6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings.....	239.46	27.54
	<i>For Work In Restricted Working Space, Add</i>	16.53	
22 66 53 00-0309	EA 3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings.....	272.52	27.54
	<i>For Work In Restricted Working Space, Add</i>	16.53	
22 66 53 00-0310	EA 3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings.....	218.29	27.54
	<i>For Work In Restricted Working Space, Add</i>	16.53	
<b>22 66 53 00-0311</b>	<b>Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters</b> <small>(22 66 53 00-0093)</small>		
	Note: Includes teflon spacer.		
22 66 53 00-0312	EA 1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter.....	200.87	39.10
	<i>For Work In Restricted Working Space, Add</i>	23.46	
22 66 53 00-0313	EA 2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter.....	209.48	41.00
	<i>For Work In Restricted Working Space, Add</i>	24.60	
22 66 53 00-0314	EA 3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter.....	296.84	46.72
	<i>For Work In Restricted Working Space, Add</i>	28.04	
22 66 53 00-0315	EA 4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter.....	426.80	62.09
	<i>For Work In Restricted Working Space, Add</i>	37.22	
<b>22 66 53 00-0316</b>	<b>Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0093)</small>		
	Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.		
22 66 53 00-0317	EA 1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	41.50	
22 66 53 00-0318	EA 2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	52.36	
22 66 53 00-0319	EA 3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	70.00	
22 66 53 00-0320	EA 4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	117.94	
22 66 53 00-0321	EA 6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping.....	274.74	
<b>22 66 53 00-0322</b>	<b>Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0093)</small>		
	Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323	EA 1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	53.52	
22 66 53 00-0324	EA 2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	66.96	
22 66 53 00-0325	EA 3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	113.70	
22 66 53 00-0326	EA 4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	169.48	
22 66 53 00-0327	EA 6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	413.23	
<b>22 66 53 00-0328</b>	<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings</b> <small>(22 66 53)</small>		
	Note: Acid resistant. ASTM A518.		
<b>22 66 53 00-0329</b>	<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe</b> <small>(22 66 53 00-0328)</small>		
22 66 53 00-0330	LF 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	134.09	9.43
22 66 53 00-0331	LF 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	189.45	11.76
22 66 53 00-0332	LF 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	258.96	13.56
22 66 53 00-0333	LF 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	428.28	20.14
22 66 53 00-0334	LF 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	758.55	26.75
22 66 53 00-0335	LF 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	1,346.87	33.74
22 66 53 00-0336	LF 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	2,407.41	45.45





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0337 LF 15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe.....	4,299.26	52.11
<b>22 66 53 00-0338 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings (22 66 53 00-0328)</b>		
<b>22 66 53 00-0339 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps (22 66 53 00-0338)</b>		
22 66 53 00-0340 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	515.26	80.31
22 66 53 00-0341 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	681.62	88.36
22 66 53 00-0342 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	1,125.33	105.74
22 66 53 00-0343 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	1,701.74	133.03
22 66 53 00-0344 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	3,941.00	215.01
<b>22 66 53 00-0345 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends (22 66 53 00-0338)</b>		
22 66 53 00-0346 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	283.79	80.31
22 66 53 00-0347 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	377.53	88.36
22 66 53 00-0348 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	476.31	105.74
22 66 53 00-0349 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	1,343.19	133.03
22 66 53 00-0350 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	3,077.30	215.01
22 66 53 00-0351 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	4,696.79	267.88
22 66 53 00-0352 EA 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	6,925.63	322.15
<b>22 66 53 00-0353 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends (22 66 53 00-0338)</b>		
22 66 53 00-0354 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	283.79	80.31
22 66 53 00-0355 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	377.53	88.36
22 66 53 00-0356 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	476.31	105.74
22 66 53 00-0357 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	971.03	133.03
22 66 53 00-0358 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	2,596.21	215.01
22 66 53 00-0359 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	3,812.45	267.88
22 66 53 00-0360 EA 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	5,428.57	322.15
<b>22 66 53 00-0361 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends (22 66 53 00-0338)</b>		
22 66 53 00-0362 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	283.79	80.31
22 66 53 00-0363 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	377.53	88.36
22 66 53 00-0364 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	476.06	105.64
<b>22 66 53 00-0365 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps (22 66 53 00-0338)</b>		
22 66 53 00-0366 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	401.79	80.31
22 66 53 00-0367 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	736.08	88.36
22 66 53 00-0368 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep.....	821.24	105.74
<b>22 66 53 00-0369 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees (22 66 53 00-0338)</b>		
22 66 53 00-0370 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	398.04	120.16
22 66 53 00-0371 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	508.30	133.18
22 66 53 00-0372 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	719.55	159.03
22 66 53 00-0373 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	1,252.85	199.92
22 66 53 00-0374 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	3,937.85	322.80
22 66 53 00-0375 EA 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee.....	5,612.46	403.07
<b>22 66 53 00-0376 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0338)</b>		
22 66 53 00-0377 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	372.41	115.17
22 66 53 00-0378 EA 3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	439.58	123.65
22 66 53 00-0379 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	495.96	127.99
22 66 53 00-0380 EA 4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	570.45	141.34
22 66 53 00-0381 EA 4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	613.52	145.79
22 66 53 00-0382 EA 4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	678.87	150.14
22 66 53 00-0383 EA 6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	872.86	173.00
22 66 53 00-0384 EA 6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	974.10	177.46
22 66 53 00-0385 EA 6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee.....	1,095.25	185.61
<b>22 66 53 00-0386 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees (22 66 53 00-0338)</b>		
22 66 53 00-0387 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	461.52	120.16
22 66 53 00-0388 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	562.25	132.87
22 66 53 00-0389 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee.....	778.51	159.03
<b>22 66 53 00-0390 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees (22 66 53 00-0338)</b>		
22 66 53 00-0391 EA 2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	435.91	115.17
22 66 53 00-0392 EA 3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	551.33	128.63



**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
22 66 53 00-0393	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	668.60		146.22
22 66 53 00-0394	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee.....	720.39		150.56
<b>22 66 53 00-0395</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wyes (22 66 53 00-0338)</b>			
22 66 53 00-0396	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	393.72		120.37
22 66 53 00-0397	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	558.23		133.18
22 66 53 00-0398	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	719.36		158.93
22 66 53 00-0399	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	1,260.77		199.19
22 66 53 00-0400	EA	8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Wye.....	4,963.07		322.48
<b>22 66 53 00-0401</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes (22 66 53 00-0338)</b>			
22 66 53 00-0402	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	408.68		115.17
22 66 53 00-0403	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	439.53		123.65
22 66 53 00-0404	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	465.32		128.73
22 66 53 00-0405	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	520.52		141.34
22 66 53 00-0406	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	541.15		146.01
22 66 53 00-0407	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	661.38		150.56
22 66 53 00-0408	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	922.34		173.21
22 66 53 00-0409	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,105.72		177.46
22 66 53 00-0410	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	1,154.25		185.61
22 66 53 00-0411	EA	8" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	2,890.83		260.15
22 66 53 00-0412	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	3,126.09		268.74
22 66 53 00-0413	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	3,841.03		282.50
<b>22 66 53 00-0414</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0338)</b>			
22 66 53 00-0415	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	479.62		120.16
22 66 53 00-0416	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	575.86		132.87
22 66 53 00-0417	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	869.28		159.03
22 66 53 00-0418	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	1,379.15		199.40
<b>22 66 53 00-0419</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends (22 66 53 00-0338)</b>			
22 66 53 00-0420	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	390.52		115.17
22 66 53 00-0421	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	457.69		123.65
22 66 53 00-0422	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	510.48		128.63
22 66 53 00-0423	EA	4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	552.29		141.34
22 66 53 00-0424	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	645.91		146.22
22 66 53 00-0425	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	738.48		150.45
22 66 53 00-0426	EA	6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	981.27		173.21
22 66 53 00-0427	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	1,237.42		177.56
22 66 53 00-0428	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	1,358.93		185.93
<b>22 66 53 00-0429</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducers (22 66 53 00-0338)</b>			
22 66 53 00-0430	EA	2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	240.48		75.65
22 66 53 00-0431	EA	3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	264.95		79.89
22 66 53 00-0432	EA	3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	298.56		84.13
22 66 53 00-0433	EA	4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	498.40		93.24
22 66 53 00-0434	EA	4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	522.93		97.58
22 66 53 00-0435	EA	6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	574.92		110.99
22 66 53 00-0436	EA	6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	755.55		119.47
22 66 53 00-0437	EA	8" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	1,099.54		161.29
22 66 53 00-0438	EA	8" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducer.....	1,169.97		174.94
<b>22 66 53 00-0439</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increasers (22 66 53 00-0338)</b>			
22 66 53 00-0440	EA	2" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	655.20		176.62
22 66 53 00-0441	EA	2" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	891.20		176.62
22 66 53 00-0442	EA	3" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	912.38		176.62
22 66 53 00-0443	EA	4" x 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Increaser.....	1,029.11		247.52
<b>22 66 53 00-0444</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Traps (22 66 53 00-0338)</b>			
22 66 53 00-0445	EA	2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	783.03		80.31
22 66 53 00-0446	EA	3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	949.39		88.36
22 66 53 00-0447	EA	4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	1,157.10		105.74
22 66 53 00-0448	EA	6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	3,508.10		133.03
<b>22 66 53 00-0449</b>		<b>Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hubs (22 66 53 00-0338)</b>			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0450 EA 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	370.02	80.31
22 66 53 00-0451 EA 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	472.84	88.36
22 66 53 00-0452 EA 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	657.85	105.74
22 66 53 00-0453 EA 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	861.35	133.03
22 66 53 00-0454 EA 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Double Hub .....	1,703.45	185.61
<b>22 66 53 00-0455 Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0328)</small>		
Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456 LB Lead (1 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings .....	7.77	
22 66 53 00-0457 LB Seal-Tite Packing (1/8 Lb./Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings .....	83.21	
<b>22 66 53 00-0458 Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings</b> <small>(22 66 53)</small>		
Note: ASTM A518.		
<b>22 66 53 00-0459 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe</b> <small>(22 66 53 00-0458)</small>		
22 66 53 00-0460 LF 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe .....	106.59	7.10
22 66 53 00-0461 LF 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe .....	121.39	7.84
22 66 53 00-0462 LF 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe .....	167.87	9.85
22 66 53 00-0463 LF 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe .....	212.25	11.44
<b>22 66 53 00-0464 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings</b> <small>(22 66 53 00-0458)</small>		
<b>22 66 53 00-0465 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0466 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	379.39	56.26
22 66 53 00-0467 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	408.51	63.57
22 66 53 00-0468 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	568.05	70.14
22 66 53 00-0469 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep .....	685.40	84.76
<b>22 66 53 00-0470 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0471 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend .....	202.38	56.26
22 66 53 00-0472 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend .....	244.14	62.93
22 66 53 00-0473 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend .....	318.79	70.35
22 66 53 00-0474 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend .....	421.20	84.13
22 66 53 00-0475 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend .....	238.90	59.44
<b>22 66 53 00-0476 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0477 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend .....	202.38	56.26
22 66 53 00-0478 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend .....	244.14	62.93
22 66 53 00-0479 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend .....	318.79	70.35
22 66 53 00-0480 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend .....	421.20	84.13
<b>22 66 53 00-0481 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0482 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend .....	243.23	56.26
22 66 53 00-0483 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend .....	307.68	62.93
22 66 53 00-0484 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend .....	486.72	70.35
22 66 53 00-0485 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend .....	543.74	84.13
<b>22 66 53 00-0486 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0487 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend .....	234.15	56.26
22 66 53 00-0488 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend .....	280.45	62.93
22 66 53 00-0489 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend .....	445.87	70.35
22 66 53 00-0490 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend .....	502.89	84.13
<b>22 66 53 00-0491 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0492 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend .....	353.86	84.65
<b>22 66 53 00-0493 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0494 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	281.24	84.65
22 66 53 00-0495 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	351.73	95.36
22 66 53 00-0496 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	472.48	106.27
22 66 53 00-0497 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee .....	730.80	127.25

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

22 66 53 00-0498		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0499	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	328.20	91.76
22 66 53 00-0500	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	407.01	98.96
22 66 53 00-0501	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee.....	434.94	102.45
22 66 53 00-0502	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee .....	464.45	113.05
22 66 53 00-0503	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	514.69	116.23
22 66 53 00-0504	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	560.82	119.72
22 66 53 00-0505		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0506	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	281.66	84.98
22 66 53 00-0507	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye .....	333.58	95.36
22 66 53 00-0508	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	454.33	106.27
22 66 53 00-0509	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	730.80	127.25
22 66 53 00-0510		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0511	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	315.30	92.29
22 66 53 00-0512	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	393.36	98.86
22 66 53 00-0513	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	412.71	102.78
22 66 53 00-0514	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	464.96	113.37
22 66 53 00-0515	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	515.65	116.87
22 66 53 00-0516	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	547.65	120.04
22 66 53 00-0517		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0518	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	428.36	113.15
22 66 53 00-0519	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	553.96	127.36
22 66 53 00-0520	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	719.55	140.92
22 66 53 00-0521	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	943.87	169.42
22 66 53 00-0522	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	474.72	119.83
22 66 53 00-0523	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	535.22	126.94
22 66 53 00-0524	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	645.65	133.93
22 66 53 00-0525	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	712.50	148.33
22 66 53 00-0526	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye .....	869.00	155.86
22 66 53 00-0527		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0528	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	482.75	113.15
22 66 53 00-0529	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	571.85	127.15
22 66 53 00-0530	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	838.76	141.66
22 66 53 00-0531	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	1,184.69	169.63
22 66 53 00-0532	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	520.04	119.83
22 66 53 00-0533	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross .....	694.03	126.94
22 66 53 00-0534	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	731.80	133.93
22 66 53 00-0535	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	780.53	148.23
22 66 53 00-0536	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross.....	1,008.88	155.22
22 66 53 00-0537		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0538	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	317.13	84.34
22 66 53 00-0539	EA	2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	369.89	95.36
22 66 53 00-0540	EA	3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	454.33	106.27
22 66 53 00-0541	EA	4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend .....	780.73	127.25
22 66 53 00-0542		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0543	EA	2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	350.98	91.86
22 66 53 00-0544	EA	3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	393.79	99.17
22 66 53 00-0545	EA	3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	430.86	102.78
22 66 53 00-0546	EA	4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	596.58	113.37
22 66 53 00-0547	EA	4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	610.96	116.87
22 66 53 00-0548	EA	4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend .....	688.34	120.04
22 66 53 00-0549		<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0550	EA	1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	514.28	112.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0551 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	653.46	127.04
22 66 53 00-0552 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	960.54	141.23
22 66 53 00-0553 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	1,153.46	169.95
<b>22 66 53 00-0554 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends (22 66 53 00-0464)</b>		
22 66 53 00-0555 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	560.89	119.83
22 66 53 00-0556 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	680.39	126.82
22 66 53 00-0557 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	709.11	133.93
22 66 53 00-0558 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	789.60	148.23
22 66 53 00-0559 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend .....	1,008.88	155.22
<b>22 66 53 00-0560 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers (22 66 53 00-0464)</b>		
22 66 53 00-0561 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	239.78	60.07
22 66 53 00-0562 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	272.32	63.57
22 66 53 00-0563 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	319.97	74.17
22 66 53 00-0564 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	387.03	70.46
22 66 53 00-0565 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	410.47	73.95
22 66 53 00-0566 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser .....	433.91	77.45
<b>22 66 53 00-0567 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees (22 66 53 00-0464)</b>		
22 66 53 00-0568 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	223.94	49.48
22 66 53 00-0569 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	260.89	55.94
22 66 53 00-0570 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	308.24	63.36
22 66 53 00-0571 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee .....	578.62	77.14
<b>22 66 53 00-0572 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs (22 66 53 00-0464)</b>		
22 66 53 00-0573 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug .....	96.65	28.19
22 66 53 00-0574 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	115.27	31.47
22 66 53 00-0575 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	125.36	35.18
22 66 53 00-0576 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug.....	162.94	42.06
<b>22 66 53 00-0577 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps (22 66 53 00-0464)</b>		
22 66 53 00-0578 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap.....	424.27	55.94
22 66 53 00-0579 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	434.76	62.93
22 66 53 00-0580 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	541.18	70.35
22 66 53 00-0581 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap .....	693.51	84.13
22 66 53 00-0582 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	598.47	60.18
22 66 53 00-0583 EA 2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	831.47	67.17
22 66 53 00-0584 EA 3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	1,009.80	74.17
22 66 53 00-0585 EA 4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap.....	1,258.00	88.36
<b>22 66 53 00-0586 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps (22 66 53 00-0464)</b>		
22 66 53 00-0587 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	808.30	63.89
22 66 53 00-0588 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap.....	1,290.53	70.67
22 66 53 00-0589 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	844.23	63.57
22 66 53 00-0590 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap.....	1,290.53	70.67
<b>22 66 53 00-0591 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps (22 66 53 00-0464)</b>		
22 66 53 00-0592 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap .....	748.92	63.57
22 66 53 00-0593 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap .....	882.06	70.67
22 66 53 00-0594 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap.....	871.46	63.57
22 66 53 00-0595 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	1,948.63	70.67
22 66 53 00-0596 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap.....	1,145.30	70.67
<b>22 66 53 00-0597 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends (22 66 53 00-0464)</b>		
22 66 53 00-0598 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	298.07	56.58
22 66 53 00-0599 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend.....	394.90	63.57



**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0600			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0601	EA		1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter.....	145.27	42.38
22 66 53 00-0602	EA		1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter .....	282.18	45.98
22 66 53 00-0603	EA		2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter .....	197.47	52.98
22 66 53 00-0604			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0605	EA		1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	281.06	60.28
22 66 53 00-0606	EA		1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	308.62	63.57
22 66 53 00-0607	EA		1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	345.68	67.06
22 66 53 00-0608	EA		1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	369.62	73.95
22 66 53 00-0609	EA		2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	345.73	67.17
22 66 53 00-0610	EA		2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	364.60	70.67
22 66 53 00-0611	EA		2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	393.06	77.45
22 66 53 00-0612	EA		3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter .....	451.64	74.17
22 66 53 00-0613	EA		4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter .....	559.08	88.36
22 66 53 00-0614			<b>Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0615	EA		1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	108.93	
22 66 53 00-0616	EA		2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	127.08	
22 66 53 00-0617	EA		3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	136.16	
22 66 53 00-0618	EA		4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	149.77	
22 66 53 00-0619			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0620	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	791.25	28.29
22 66 53 00-0621	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper .....	298.04	14.09
22 66 53 00-0622	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow.....	561.28	14.09
22 66 53 00-0623			<b>Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates</b> <small>(22 66 53 00-0464)</small>		
22 66 53 00-0624	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	2,817.05	141.34
22 66 53 00-0625	EA		Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	3,490.28	148.44
22 66 53 00-0626	EA		Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain.....	2,390.32	14.09
22 66 53 00-0627			<b>Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618)</b> <small>(22 66 53)</small>		
22 66 53 00-0628			<b>Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe</b> <small>(22 66 53 00-0627)</small> Note: Excludes fittings or hangers.		
22 66 53 00-0629	LF		1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	16.05	4.45
22 66 53 00-0630	LF		2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe .....	20.69	5.30
22 66 53 00-0631	LF		3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe .....	34.40	7.63
22 66 53 00-0632	LF		4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe .....	45.00	8.26
22 66 53 00-0633	LF		6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	74.82	10.60
22 66 53 00-0634	LF		8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe .....	171.04	14.10
22 66 53 00-0635			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings</b> <small>(22 66 53 00-0627)</small>		
22 66 53 00-0636			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0637	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	62.59	17.69
			Note: 0.125		
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0638	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	78.76	22.57
			Note: 0.16		
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 66 53 00-0639	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	121.73	30.30
			Note: 0.215		
			<i>For Work In Restricted Working Space, Add</i>	13.67	
22 66 53 00-0640	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	174.15	35.28
			Note: 0.25		
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0641	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	382.46	45.88
			Note: 0.325		
			<i>For Work In Restricted Working Space, Add</i>	20.66	
22 66 53 00-0642	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	529.79	61.78
			Note: 0.438		
			<i>For Work In Restricted Working Space, Add</i>	27.81	
22 66 53 00-0643			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends</b> <small>(22 66 53 00-0635)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0644 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends .....	63.84	17.69
<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0645 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends .....	84.83	22.57
<i>For Work In Restricted Working Space, Add</i>	10.17	
22 66 53 00-0646 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends .....	132.67	30.30
<i>For Work In Restricted Working Space, Add</i>	13.67	
22 66 53 00-0647 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends .....	178.17	35.28
<i>For Work In Restricted Working Space, Add</i>	15.89	
<b>22 66 53 00-0648 Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends (22 66 53 00-0635)</b>		
22 66 53 00-0649 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	61.96	17.69
<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0650 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	77.12	22.57
<i>For Work In Restricted Working Space, Add</i>	10.17	
22 66 53 00-0651 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	124.87	30.30
<i>For Work In Restricted Working Space, Add</i>	13.67	
22 66 53 00-0652 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	142.86	35.28
<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0653 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	331.38	45.88
<i>For Work In Restricted Working Space, Add</i>	20.66	
22 66 53 00-0654 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends .....	471.22	61.78
<i>For Work In Restricted Working Space, Add</i>	27.81	
<b>22 66 53 00-0655 Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends (22 66 53 00-0635)</b>		
22 66 53 00-0656 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	62.67	17.69
<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0657 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	77.06	22.57
<i>For Work In Restricted Working Space, Add</i>	10.17	
22 66 53 00-0658 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	123.57	30.30
<i>For Work In Restricted Working Space, Add</i>	13.67	
22 66 53 00-0659 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	153.05	35.28
<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0660 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	268.97	45.88
<i>For Work In Restricted Working Space, Add</i>	20.66	
22 66 53 00-0661 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends .....	299.04	61.78
<i>For Work In Restricted Working Space, Add</i>	27.81	
<b>22 66 53 00-0662 Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends (22 66 53 00-0635)</b>		
22 66 53 00-0663 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends .....	364.33	45.56
<i>For Work In Restricted Working Space, Add</i>	20.50	
22 66 53 00-0664 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends .....	282.37	33.91
<i>For Work In Restricted Working Space, Add</i>	15.26	
22 66 53 00-0665 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends .....	172.20	26.49
<i>For Work In Restricted Working Space, Add</i>	11.92	
<b>22 66 53 00-0666 Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees (22 66 53 00-0635)</b>		
22 66 53 00-0667 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	84.58	26.49
<i>For Work In Restricted Working Space, Add</i>	11.92	
22 66 53 00-0668 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	104.57	33.91
<i>For Work In Restricted Working Space, Add</i>	15.26	
22 66 53 00-0669 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	175.86	45.56
<i>For Work In Restricted Working Space, Add</i>	20.50	
22 66 53 00-0670 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	240.51	52.98
<i>For Work In Restricted Working Space, Add</i>	23.84	
22 66 53 00-0671 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	640.08	68.77
<i>For Work In Restricted Working Space, Add</i>	30.99	
22 66 53 00-0672 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees .....	887.05	92.60
<i>For Work In Restricted Working Space, Add</i>	41.72	
<b>22 66 53 00-0673 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees (22 66 53 00-0635)</b>		
22 66 53 00-0674 EA 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	97.06	28.92
<i>For Work In Restricted Working Space, Add</i>	13.03	
22 66 53 00-0675 EA 2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	103.20	31.36
<i>For Work In Restricted Working Space, Add</i>	14.15	
22 66 53 00-0676 EA 2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	100.77	31.36
<i>For Work In Restricted Working Space, Add</i>	14.15	
22 66 53 00-0677 EA 3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	152.12	39.20
<i>For Work In Restricted Working Space, Add</i>	17.64	
22 66 53 00-0678 EA 3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	162.84	41.64
<i>For Work In Restricted Working Space, Add</i>	18.75	
22 66 53 00-0679 EA 4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	213.82	46.62
<i>For Work In Restricted Working Space, Add</i>	20.98	
22 66 53 00-0680 EA 4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	226.09	50.43
<i>For Work In Restricted Working Space, Add</i>	22.73	
22 66 53 00-0681 EA 6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees .....	471.24	63.47
<i>For Work In Restricted Working Space, Add</i>	28.61	



**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0682	EA		8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	1,099.39 35.76	79.35
<b>22 66 53 00-0683</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees</b> (22 66 53 00-0635)		
22 66 53 00-0684	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	120.55 15.89	35.28
22 66 53 00-0685	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	147.50 20.34	45.13
22 66 53 00-0686	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	197.68 27.34	60.71
22 66 53 00-0687	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees ..... <i>For Work In Restricted Working Space, Add</i>	248.17 31.79	70.56
<b>22 66 53 00-0688</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees</b> (22 66 53 00-0635)		
22 66 53 00-0689	EA		2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	149.40 18.12	40.27
22 66 53 00-0690	EA		3" x 3" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	178.44 21.62	47.99
22 66 53 00-0691	EA		3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	229.24 23.84	52.98
22 66 53 00-0692	EA		4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	202.45 26.06	57.85
22 66 53 00-0693	EA		4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee ..... <i>For Work In Restricted Working Space, Add</i>	226.15 29.56	65.58
<b>22 66 53 00-0694</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers</b> (22 66 53 00-0635)		
22 66 53 00-0695	EA		2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	85.38 9.06	20.13
22 66 53 00-0696	EA		3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	94.29 10.81	23.95
22 66 53 00-0697	EA		3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	156.27 11.92	26.49
22 66 53 00-0698	EA		4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	171.50 13.03	28.92
22 66 53 00-0699	EA		4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	189.01 14.78	32.84
22 66 53 00-0700	EA		6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	257.59 17.16	38.14
22 66 53 00-0701	EA		6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers ..... <i>For Work In Restricted Working Space, Add</i>	297.21 18.28	40.58
<b>22 66 53 00-0702</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings</b> (22 66 53 00-0635)		
22 66 53 00-0703	EA		2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	60.26 9.06	20.13
22 66 53 00-0704	EA		3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	67.81 10.81	23.95
22 66 53 00-0705	EA		3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	74.38 11.92	26.49
22 66 53 00-0706	EA		4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	120.35 13.03	28.92
22 66 53 00-0707	EA		4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	127.96 14.78	32.84
22 66 53 00-0708	EA		6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	201.57 17.16	38.14
22 66 53 00-0709	EA		6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	198.59 18.28	40.58
22 66 53 00-0710	EA		8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	573.27 21.87	48.53
22 66 53 00-0711	EA		8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing ..... <i>For Work In Restricted Working Space, Add</i>	602.87 24.26	53.83
<b>22 66 53 00-0712</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps</b> (22 66 53 00-0635)		
22 66 53 00-0713	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	110.14 11.92	26.49
22 66 53 00-0714	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	149.08 15.26	33.91
22 66 53 00-0715	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	246.66 20.50	45.56
22 66 53 00-0716	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps ..... <i>For Work In Restricted Working Space, Add</i>	396.43 23.84	52.98
<b>22 66 53 00-0717</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes</b> (22 66 53 00-0635)		
22 66 53 00-0718	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	85.45 11.92	26.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0719 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	114.98 15.26	33.91
22 66 53 00-0720 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	182.65 20.50	45.56
22 66 53 00-0721 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	246.08 23.84	52.98
22 66 53 00-0722 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	526.27 30.99	68.77
22 66 53 00-0723 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes ..... <i>For Work In Restricted Working Space, Add</i>	599.45 41.72	92.60
<b>22 66 53 00-0724 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0725 EA 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	93.42 13.03	28.92
22 66 53 00-0726 EA 2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	111.28 14.15	31.36
22 66 53 00-0727 EA 3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	157.22 17.64	39.20
22 66 53 00-0728 EA 3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	169.06 18.75	41.64
22 66 53 00-0729 EA 4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	171.99 19.87	44.07
22 66 53 00-0730 EA 4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	223.29 20.98	46.62
22 66 53 00-0731 EA 4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	235.70 22.73	50.43
22 66 53 00-0732 EA 6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	370.02 28.61	63.47
22 66 53 00-0733 EA 8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	439.15 35.76	79.35
22 66 53 00-0734 EA 8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes ..... <i>For Work In Restricted Working Space, Add</i>	483.23 38.15	84.65
<b>22 66 53 00-0735 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0736 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	138.76 15.89	35.28
22 66 53 00-0737 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	158.50 20.34	45.13
22 66 53 00-0738 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	255.06 27.34	60.71
22 66 53 00-0739 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	479.94 31.79	70.56
22 66 53 00-0740 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	788.10 41.32	91.76
<b>22 66 53 00-0741 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0742 EA 2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	196.47 18.12	40.27
22 66 53 00-0743 EA 3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	246.91 23.84	52.98
22 66 53 00-0744 EA 4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	429.83 29.56	65.58
22 66 53 00-0745 EA 6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes ..... <i>For Work In Restricted Working Space, Add</i>	639.55 36.56	81.16
<b>22 66 53 00-0746 Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0747 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	99.42 11.92	26.49
22 66 53 00-0748 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	130.50 15.26	33.91
22 66 53 00-0749 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	195.49 20.50	45.56
22 66 53 00-0750 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	260.06 23.84	52.98
22 66 53 00-0751 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	591.42 30.99	68.77
22 66 53 00-0752 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	1,037.19 41.72	92.60
<b>22 66 53 00-0753 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0754 EA 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	93.09 13.03	28.92
22 66 53 00-0755 EA 2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends ..... <i>For Work In Restricted Working Space, Add</i>	118.86 14.15	31.36

**22 Plumbing****22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0756	EA		3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends .....	164.57	39.20
			<i>For Work In Restricted Working Space, Add</i>	17.64	
22 66 53 00-0757	EA		3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	177.08	41.64
			<i>For Work In Restricted Working Space, Add</i>	18.75	
22 66 53 00-0758	EA		4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	228.58	46.62
			<i>For Work In Restricted Working Space, Add</i>	20.98	
22 66 53 00-0759	EA		4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	242.21	50.43
			<i>For Work In Restricted Working Space, Add</i>	22.73	
22 66 53 00-0760	EA		6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	461.12	61.03
			<i>For Work In Restricted Working Space, Add</i>	27.50	
22 66 53 00-0761	EA		6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	479.06	63.47
			<i>For Work In Restricted Working Space, Add</i>	28.61	
<b>22 66 53 00-0762</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0763	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	149.90	35.28
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0764	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	225.26	45.13
			<i>For Work In Restricted Working Space, Add</i>	20.34	
22 66 53 00-0765	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	361.73	60.71
			<i>For Work In Restricted Working Space, Add</i>	27.34	
22 66 53 00-0766	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	618.75	70.56
			<i>For Work In Restricted Working Space, Add</i>	31.79	
22 66 53 00-0767	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	852.27	91.76
			<i>For Work In Restricted Working Space, Add</i>	41.32	
<b>22 66 53 00-0768</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0769	EA		2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	196.49	40.27
			<i>For Work In Restricted Working Space, Add</i>	18.12	
22 66 53 00-0770	EA		3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	306.33	52.98
			<i>For Work In Restricted Working Space, Add</i>	23.84	
22 66 53 00-0771	EA		4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	370.97	57.85
			<i>For Work In Restricted Working Space, Add</i>	26.06	
22 66 53 00-0772	EA		4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	382.63	65.58
			<i>For Work In Restricted Working Space, Add</i>	29.56	
22 66 53 00-0773	EA		6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	485.47	76.18
			<i>For Work In Restricted Working Space, Add</i>	34.33	
22 66 53 00-0774	EA		6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends .....	545.28	81.16
			<i>For Work In Restricted Working Space, Add</i>	36.56	
<b>22 66 53 00-0775</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0776	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees.....	93.15	26.49
			<i>For Work In Restricted Working Space, Add</i>	11.92	
22 66 53 00-0777	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees.....	109.85	33.91
			<i>For Work In Restricted Working Space, Add</i>	15.26	
22 66 53 00-0778	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees.....	192.05	45.56
			<i>For Work In Restricted Working Space, Add</i>	20.50	
22 66 53 00-0779	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees.....	247.95	52.98
			<i>For Work In Restricted Working Space, Add</i>	23.84	
22 66 53 00-0780	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees.....	558.32	68.77
			<i>For Work In Restricted Working Space, Add</i>	30.99	
22 66 53 00-0781	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug.....	21.32	8.79
			<i>For Work In Restricted Working Space, Add</i>	3.98	
22 66 53 00-0782	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug.....	25.79	11.23
			<i>For Work In Restricted Working Space, Add</i>	5.09	
22 66 53 00-0783	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug.....	38.21	15.15
			<i>For Work In Restricted Working Space, Add</i>	6.83	
22 66 53 00-0784	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug.....	43.79	17.59
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0785	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug.....	74.79	22.89
			<i>For Work In Restricted Working Space, Add</i>	10.33	
<b>22 66 53 00-0786</b>			<b>Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0787	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	49.85	17.69
			<i>For Work In Restricted Working Space, Add</i>	7.95	
22 66 53 00-0788	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	61.44	22.57
			<i>For Work In Restricted Working Space, Add</i>	10.17	
22 66 53 00-0789	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	96.37	30.30
			<i>For Work In Restricted Working Space, Add</i>	13.67	
22 66 53 00-0790	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	140.38	35.28
			<i>For Work In Restricted Working Space, Add</i>	15.89	
22 66 53 00-0791	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	220.05	45.88
			<i>For Work In Restricted Working Space, Add</i>	20.66	
22 66 53 00-0792	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug .....	393.68	61.78
			<i>For Work In Restricted Working Space, Add</i>	27.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>22 66 53 00-0793 Chlorinated Polyvinyl Chloride (CPVC) Couplings</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0794 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings .....	54.70	17.69
For Work In Restricted Working Space, Add	7.95	
22 66 53 00-0795 EA 2" Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	69.11	22.57
For Work In Restricted Working Space, Add	10.17	
22 66 53 00-0796 EA 3" Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	90.61	30.30
For Work In Restricted Working Space, Add	13.67	
22 66 53 00-0797 EA 4" Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	117.07	35.28
For Work In Restricted Working Space, Add	15.89	
22 66 53 00-0798 EA 6" Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	170.46	45.88
For Work In Restricted Working Space, Add	20.66	
22 66 53 00-0799 EA 8" Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	366.78	61.78
For Work In Restricted Working Space, Add	27.84	
<b>22 66 53 00-0800 Chlorinated Polyvinyl Chloride (CPVC) Female Adapters</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0801 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters .....	35.44	8.79
22 66 53 00-0802 EA 2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters .....	47.17	11.33
22 66 53 00-0803 EA 3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters .....	72.65	15.15
22 66 53 00-0804 EA 4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters .....	122.36	17.69
22 66 53 00-0805 EA 6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters .....	195.02	22.89
<b>22 66 53 00-0806 Chlorinated Polyvinyl Chloride (CPVC) Male Adapters</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0807 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters .....	39.82	8.79
22 66 53 00-0808 EA 2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters .....	56.83	11.33
22 66 53 00-0809 EA 3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters .....	66.44	15.15
22 66 53 00-0810 EA 4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters .....	117.53	17.69
22 66 53 00-0811 EA 6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters .....	157.31	22.89
<b>22 66 53 00-0812 Chlorinated Polyvinyl Chloride (CPVC) Caps</b> <small>(22 66 53 00-0635)</small>		
22 66 53 00-0813 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap .....	35.18	8.79
22 66 53 00-0814 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap.....	43.19	11.33
22 66 53 00-0815 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap.....	68.14	15.15
22 66 53 00-0816 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap.....	118.95	17.69
22 66 53 00-0817 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap.....	151.60	22.89
22 66 53 00-0818 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap.....	239.63	30.94
<b>22 66 83 Chemical-Waste Tanks</b> <small>(22 66)</small>		
<b>22 66 83 16 Chemical-Waste Neutralization Tanks</b> <small>(22 66 83)</small>		
<b>22 66 83 16-0001 Acid Neutralization Tank</b> <small>(22 66 83 16)</small>		
<b>22 66 83 16-0002 Polyethylene Acid Neutralization Tank</b> <small>(22 66 83 16-0001)</small>		
22 66 83 16-0003 EA 5 Gallon Capacity Polyethylene Acid Neutralization Tank .....	559.94	215.74
22 66 83 16-0004 EA 15 Gallon Capacity Polyethylene Acid Neutralization Tank .....	1,026.68	299.15
22 66 83 16-0005 EA 30 Gallon Capacity Polyethylene Acid Neutralization Tank .....	1,269.63	431.47
22 66 83 16-0006 EA 55 Gallon Capacity Polyethylene Acid Neutralization Tank .....	1,627.37	575.29
22 66 83 16-0007 EA 100 Gallon Capacity Polyethylene Acid Neutralization Tank .....	2,095.83	690.34
22 66 83 16-0008 EA 150 Gallon Capacity Polyethylene Acid Neutralization Tank .....	2,877.33	862.93
22 66 83 16-0009 EA 200 Gallon Capacity Polyethylene Acid Neutralization Tank .....	3,310.20	1,078.67
22 66 83 16-0010 EA 275 Gallon Capacity Polyethylene Acid Neutralization Tank .....	4,312.57	1,294.40
22 66 83 16-0011 EA 350 Gallon Capacity Polyethylene Acid Neutralization Tank .....	4,884.66	1,553.28
<b>22 66 83 16-0012 Polypropylene Acid Neutralization Tank</b> <small>(22 66 83 16-0001)</small>		
22 66 83 16-0013 EA 5 Gallon Capacity Polypropylene Acid Neutralization Tank .....	941.13	215.74
22 66 83 16-0014 EA 15 Gallon Capacity Polypropylene Acid Neutralization Tank .....	1,630.25	299.15
22 66 83 16-0015 EA 30 Gallon Capacity Polypropylene Acid Neutralization Tank .....	2,676.72	431.47
22 66 83 16-0016 EA 55 Gallon Capacity Polypropylene Acid Neutralization Tank .....	3,526.85	575.29
22 66 83 16-0017 EA 100 Gallon Capacity Polypropylene Acid Neutralization Tank .....	4,468.79	690.34
22 66 83 16-0018 EA 150 Gallon Capacity Polypropylene Acid Neutralization Tank .....	4,933.08	862.93
22 66 83 16-0019 EA 200 Gallon Capacity Polypropylene Acid Neutralization Tank .....	5,356.88	1,078.67
22 66 83 16-0020 EA 275 Gallon Capacity Polypropylene Acid Neutralization Tank .....	7,886.34	1,294.40
22 66 83 16-0021 EA 350 Gallon Capacity Polypropylene Acid Neutralization Tank .....	8,506.06	1,553.28
<b>22 66 83 16-0022 Chemical Dilution Trap</b> <small>(22 66 83 16)</small>		
22 66 83 16-0023 EA 1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	524.28	71.92
Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0024 EA 1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	541.60	71.92
Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0025 EA 2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	558.92	71.92
Note: 1-1/2" top inlet and side outlet with anti siphon.		
22 66 83 16-0026 EA 5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap .....	610.61	86.29
Note: 1-1/2" top inlet and side outlet with anti siphon.		

**22 Plumbing**

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**END OF SECTION 22**





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

### 23 01 Operation and Maintenance of HVAC Systems <sup>(23)</sup>

#### 23 01 10 Operation and Maintenance of Facility Fuel Systems <sup>(23 01)</sup>

##### 23 01 10 91 Facility Fuel Systems Restoration <sup>(23 01 10)</sup>

##### 23 01 10 91-0001 Purge Gas Systems <sup>(23 01 10 91)</sup>

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0002	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	532.25
23 01 10 91-0003	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	760.39
23 01 10 91-0004	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	798.87
23 01 10 91-0005	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	881.68
23 01 10 91-0006	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	1,597.10
23 01 10 91-0007	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	716.25
23 01 10 91-0008	EA	>100' To 250', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,030.16
23 01 10 91-0009	EA	>250' To 500', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,092.77
23 01 10 91-0010	EA	>500' To 1,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,438.83
23 01 10 91-0011	EA	>1,000' To 2,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	2,231.44
23 01 10 91-0012	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	853.32
23 01 10 91-0013	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	1,261.85
23 01 10 91-0014	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,903.54
23 01 10 91-0015	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	4,547.80
23 01 10 91-0016	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	8,553.54

#### 23 01 20 Operation and Maintenance of HVAC Piping and Pumps <sup>(23 01)</sup>

##### 23 01 20 91 HVAC Piping and Pumps Restoration <sup>(23 01 20)</sup>

##### 23 01 20 91-0001 Lock Out/Tag Out System <sup>(23 01 20 91)</sup>

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve.....	28.76
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve.....	34.52
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve.....	40.28
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve.....	46.02
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve.....	57.53
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0007	EA	Lock Out Padlock.....	11.51
23 01 20 91-0008	EA	Lock Out Tags.....	4.86

##### 23 01 20 91-0009 Freeze Pipe Using CO2 Kit <sup>(23 01 20 91)</sup>

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010	EA	Up To 2" Freeze Pipe Using CO2 Kit.....	359.22
------------------	----	---	--------

##### 23 01 20 91-0011 Pipe Freezing <sup>(23 01 20 91)</sup>

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location.....	662.01
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First.....	332.72
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location.....	802.16
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First.....	383.29
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location.....	1,113.07
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First.....	434.01
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location.....	1,270.28
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First.....	513.58
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location.....	1,875.13
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First.....	592.07
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0022	EA	>4" To 6" Pipe Freezing, First Location.....	3,917.45
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0023	EA	>4" To 6" Pipe Freezing, Each Additional Location After First.....	789.98
		Note: Includes freezing on each side of valve or fitting.	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0024	EA		>6" To 8" Pipe Freezing, First Location ..... Note: Includes freezing on each side of valve or fitting.	5,211.39	
23 01 20 91-0025	EA		>6" To 8" Pipe Freezing, Each Additional Location After First ..... Note: Includes freezing on each side of valve or fitting.	1,171.96	
23 01 20 91-0026	EA		>8" To 10" Pipe Freezing, First Location ..... Note: Includes freezing on each side of valve or fitting.	7,201.51	
23 01 20 91-0027	EA		>8" To 10" Pipe Freezing, Each Additional Location After First ..... Note: Includes freezing on each side of valve or fitting.	1,609.44	
23 01 20 91-0028	EA		>10" To 12" Pipe Freezing, First Location ..... Note: Includes freezing on each side of valve or fitting.	9,280.91	
23 01 20 91-0029	EA		>10" To 12" Pipe Freezing, Each Additional Location After First ..... Note: Includes freezing on each side of valve or fitting.	2,102.07	
<b>23 01 20 91-0030</b>			<b>Water/Chlorine Pipe Disinfection/Flush/Testing</b> <small>(23 01 20 91)</small> Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".		
23 01 20 91-0031	LF		Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	1.95 -0.14 -0.36 -0.52	
23 01 20 91-0032	LF		>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	2.70 -0.19 -0.48 -0.70	
23 01 20 91-0033	LF		>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	4.18 -0.29 -0.72 -1.04	
23 01 20 91-0034	LF		4", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	5.83 -0.38 -0.96 -1.39	
23 01 20 91-0035	LF		6", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	7.24 -0.46 -1.15 -1.67	
23 01 20 91-0036	LF		8", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	9.20 -0.58 -1.44 -2.09	
23 01 20 91-0037	LF		10", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	12.06 -0.77 -1.92 -2.78	
23 01 20 91-0038	LF		12", Water/Chlorine Pipe Disinfection/Flush/Testing ..... <i>For &gt;250 To 500, Deduct</i> ..... <i>For &gt;500 To 2,000, Deduct</i> ..... <i>For &gt;2,000, Deduct</i> .....	14.48 -0.92 -2.30 -3.34	
<b>23 01 20 91-0039</b>			<b>Shut Down Existing Piping System</b> <small>(23 01 20 91)</small>		
23 01 20 91-0040	EA		Shut Down Existing Interior Piping System ..... Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	242.54	
<b>23 01 20 91-0041</b>			<b>Purge Liquid Systems</b> <small>(23 01 20 91)</small> Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.		
23 01 20 91-0042	EA		Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System .....	182.09	
23 01 20 91-0043	EA		>50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System .....	227.61	
23 01 20 91-0044	EA		>100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System .....	324.87	
23 01 20 91-0045	EA		>250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System .....	389.29	
23 01 20 91-0046	EA		>500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System .....	486.62	
23 01 20 91-0047	EA		>1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System .....	632.60	
23 01 20 91-0048	LF		>2,000', Up To 3/4" Diameter Pipe, Purge Liquid System .....	0.31	
23 01 20 91-0049	EA		Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	379.19	
23 01 20 91-0050	EA		>100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	541.56	
23 01 20 91-0051	EA		>250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	648.89	
23 01 20 91-0052	EA		>500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	811.12	
23 01 20 91-0053	EA		>1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	1,054.45	
23 01 20 91-0054	LF		>2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System .....	0.52	
23 01 20 91-0055	EA		Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	530.87	
23 01 20 91-0056	EA		>100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	758.19	
23 01 20 91-0057	EA		>250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	908.45	
23 01 20 91-0058	EA		>500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	1,135.56	
23 01 20 91-0059	EA		>1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	1,476.23	
23 01 20 91-0060	LF		>2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System .....	0.74	
23 01 20 91-0061	EA		Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System .....	729.94	
23 01 20 91-0062	EA		>100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System .....	1,042.51	
23 01 20 91-0063	EA		>250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System .....	1,106.76	
23 01 20 91-0064	EA		>500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System .....	1,383.45	
23 01 20 91-0065	EA		>1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System .....	1,798.49	
23 01 20 91-0066	LF		>2,000', >3" To 6" Diameter Pipe, Purge Liquid System .....	0.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0067 EA Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System .....	985.42	
23 01 20 91-0068 EA >100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System .....	1,407.38	
23 01 20 91-0069 EA >250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System .....	1,494.13	
23 01 20 91-0070 EA >500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System .....	1,867.65	
23 01 20 91-0071 EA >1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System .....	2,427.95	
23 01 20 91-0072 LF >2,000', >6" To 10" Diameter Pipe, Purge Liquid System.....	1.21	
<b>23 01 20 91-0073 Special Cleaning Of Piping Systems (23 01 20 91)</b>		
<b>23 01 20 91-0074 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing (23 01 20 91-0073)</b>		
23 01 20 91-0075 LF Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	2.51	
<i>For &gt;250 To 500, Deduct</i>	-0.16	
<i>For &gt;500 To 2,000, Deduct</i>	-0.41	
<i>For &gt;2,000, Deduct</i>	-0.59	
23 01 20 91-0076 LF >1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	4.23	
<i>For &gt;250 To 500, Deduct</i>	-0.26	
<i>For &gt;500 To 2,000, Deduct</i>	-0.66	
<i>For &gt;2,000, Deduct</i>	-0.96	
23 01 20 91-0077 LF >2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	5.95	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500 To 2,000, Deduct</i>	-0.91	
<i>For &gt;2,000, Deduct</i>	-1.32	
23 01 20 91-0078 LF >3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	7.72	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For &gt;500 To 2,000, Deduct</i>	-1.17	
<i>For &gt;2,000, Deduct</i>	-1.70	
23 01 20 91-0079 LF >4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	10.69	
<i>For &gt;250 To 500, Deduct</i>	-0.66	
<i>For &gt;500 To 2,000, Deduct</i>	-1.64	
<i>For &gt;2,000, Deduct</i>	-2.38	
<b>23 01 20 91-0080 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)</b>		
23 01 20 91-0081 LF Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	2.76	
<i>For &gt;250 To 500, Deduct</i>	-0.16	
<i>For &gt;500 To 2,000, Deduct</i>	-0.41	
<i>For &gt;2,000, Deduct</i>	-0.59	
23 01 20 91-0082 LF >1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	4.53	
<i>For &gt;250 To 500, Deduct</i>	-0.26	
<i>For &gt;500 To 2,000, Deduct</i>	-0.66	
<i>For &gt;2,000, Deduct</i>	-0.96	
23 01 20 91-0083 LF >2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	6.38	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500 To 2,000, Deduct</i>	-0.91	
<i>For &gt;2,000, Deduct</i>	-1.32	
23 01 20 91-0084 LF >3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	8.37	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For &gt;500 To 2,000, Deduct</i>	-1.17	
<i>For &gt;2,000, Deduct</i>	-1.70	
23 01 20 91-0085 LF >4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	11.55	
<i>For &gt;250 To 500, Deduct</i>	-0.66	
<i>For &gt;500 To 2,000, Deduct</i>	-1.64	
<i>For &gt;2,000, Deduct</i>	-2.38	
<b>23 01 20 91-0086 Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)</b>		
23 01 20 91-0087 LF Up To 1", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	2.83	
<i>For &gt;250 To 500, Deduct</i>	-0.16	
<i>For &gt;500 To 2,000, Deduct</i>	-0.41	
<i>For &gt;2,000, Deduct</i>	-0.59	
23 01 20 91-0088 LF >1" To 2", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	4.66	
<i>For &gt;250 To 500, Deduct</i>	-0.26	
<i>For &gt;500 To 2,000, Deduct</i>	-0.66	
<i>For &gt;2,000, Deduct</i>	-0.96	
23 01 20 91-0089 LF >2" To 3", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	6.56	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500 To 2,000, Deduct</i>	-0.91	
<i>For &gt;2,000, Deduct</i>	-1.32	
23 01 20 91-0090 LF >3" To 4", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	8.62	
<i>For &gt;250 To 500, Deduct</i>	-0.47	
<i>For &gt;500 To 2,000, Deduct</i>	-1.17	
<i>For &gt;2,000, Deduct</i>	-1.70	
23 01 20 91-0091 LF >4" To 6", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	11.88	
<i>For &gt;250 To 500, Deduct</i>	-0.66	
<i>For &gt;500 To 2,000, Deduct</i>	-1.64	
<i>For &gt;2,000, Deduct</i>	-2.38	
<b>23 01 20 91-0092 Add-A-Valve Emergency Shut Off Device (23 01 20 91)</b>		
23 01 20 91-0093 EA 1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD) .....	397.29	
23 01 20 91-0094 EA 3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD) .....	500.66	
23 01 20 91-0095 EA 1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD) .....	695.74	
23 01 20 91-0096 EA 1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD) .....	1,068.53	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 01 20 91-0097	EA	1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,320.60
23 01 20 91-0098	EA	2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,999.71

**23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)****23 01 30 51 HVAC Air-Distribution System Cleaning (23 01 30)****23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment (23 01 30 51)**

23 01 30 51-0002	LF	Up To 2 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	3.61
		<i>For Exhaust Ductwork, Add</i>	0.90
23 01 30 51-0003	LF	>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	4.53
		<i>For Exhaust Ductwork, Add</i>	1.13
23 01 30 51-0004	LF	>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	6.08
		<i>For Exhaust Ductwork, Add</i>	1.52
23 01 30 51-0005	LF	>8 SF Cross Section, Clean Supply/Return Ductwork Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.	8.64
		<i>For Exhaust Ductwork, Add</i>	2.16
23 01 30 51-0006	LF	Clean Supply/Return Shafts	10.72
23 01 30 51-0007	EA	Clean Floor Transition	8.64
23 01 30 51-0008	SF	Clean Duct Dampers	12.14
23 01 30 51-0009	SF	Clean Duct Fire Dampers	24.28
23 01 30 51-0010	SF	Clean Louver	9.72
23 01 30 51-0011	EA	Clean Turning Vane Set	29.15
23 01 30 51-0012	EA	Clean Grille/Diffuser/Register Note: Includes removal and reinstallation.	29.15
23 01 30 51-0013	LF	Clean Linear Diffuser Note: Includes removal and reinstallation.	7.29
23 01 30 51-0014	EA	Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	102.67
		<i>For Stainless Steel, Add</i>	74.44
23 01 30 51-0015	EA	Clean Variable Air Volume (VAV) Unit	87.43
23 01 30 51-0016	EA	Clean Fan Powered Induction Unit (PIU) Unit	116.57
23 01 30 51-0017	EA	Clean Fan Coil Unit (FCU)	116.57
23 01 30 51-0018	EA	Clean Packaged Terminal Air Conditioning Unit	116.57
23 01 30 51-0019	EA	Clean Supply Or Return Fan	233.15
23 01 30 51-0020	EA	Clean Exhaust Fan	204.01
23 01 30 51-0021	EA	Clean Duct Coil	174.86
23 01 30 51-0022	SF	Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum Note: Excluding fan and coils.	5.83
23 01 30 51-0023	EA	Clean Air Handling Unit Fan	233.15
23 01 30 51-0024	EA	Clean Air Handling Unit Coil	349.73
23 01 30 51-0025	SF	Clean Equipment Surfaces, Rust Reform And Prime	3.27
23 01 30 51-0026	SF	Clean Interior Equipment Surfaces, Rust Reform And Prime	3.84
23 01 30 51-0027	SF	High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.65
23 01 30 51-0028	EA	Cleaning Of Ductwork Minimum Set-up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	868.71
23 01 30 51-0029	SF	Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.52

**23 01 30 61 HVAC Air-Distribution Duct Repair (23 01 30)****23 01 30 61-0001 Repair And Seal Ductwork (23 01 30 61)**

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF	Repair And Sealing Of Ductwork Note: Clean, apply sealant and tape	2.24
------------------	----	---	------

**23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)****23 01 50 61 Central Heating Equipment Repair (23 01 50)****23 01 50 61-0001 Boiler Repairs (23 01 50 61)****23 01 50 61-0002 Boiler Tube Replacement (23 01 50 61-0001)**

23 01 50 61-0003	EA	Removal Of Up To 2" Boiler Tube	259.91
23 01 50 61-0004	EA	Removal Of >2" To 3" Boiler Tube	324.90
23 01 50 61-0005	EA	Removal Of >3" To 4" Boiler Tube	454.84
23 01 50 61-0006	LF	Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	17.67
23 01 50 61-0007	LF	Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	20.82
23 01 50 61-0008	LF	Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	24.02
23 01 50 61-0009	LF	Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	36.17



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0010 LF Place 3-1/2" Boiler Tube Into Position For Termination.....	42.89	
Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0011 LF Place 4" Boiler Tube Into Position For Termination.....	56.08	
Note: Includes black steel tube, fasteners and accessories.		
23 01 50 61-0012 EA 1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	32.49	
23 01 50 61-0013 EA 2" Rolled Boiler Tube Termination (2 Per New Tube).....	48.74	
23 01 50 61-0014 EA 2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	64.98	
23 01 50 61-0015 EA 3" Rolled Boiler Tube Termination (2 Per New Tube).....	81.23	
23 01 50 61-0016 EA 3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	97.47	
23 01 50 61-0017 EA 4" Rolled Boiler Tube Termination (2 Per New Tube).....	113.72	
23 01 50 61-0018 EA 1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	97.47	
23 01 50 61-0019 EA 2" Welded Boiler Tube Termination (2 Per New Tube).....	129.96	
23 01 50 61-0020 EA 2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	162.45	
23 01 50 61-0021 EA 3" Welded Boiler Tube Termination (2 Per New Tube).....	194.94	
23 01 50 61-0022 EA 3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	227.43	
23 01 50 61-0023 EA 4" Welded Boiler Tube Termination (2 Per New Tube).....	259.91	
23 01 50 61-0024 EA Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	399.92	
<b>23 01 50 61-0025 Replacement Or Conversion Of Boiler Burners</b> <small>(23 01 50 61-0001)</small>		
Note: Includes mounting plate, mechanical and electrical labor for installation of burners.		
23 01 50 61-0026 EA 700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	10,832.91	1,130.77
23 01 50 61-0027 EA 2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	15,671.76	1,399.98
23 01 50 61-0028 EA 2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	18,503.71	1,696.04
23 01 50 61-0029 EA 3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	21,858.19	1,825.38
<b>23 01 50 61-0030 Cast Iron Grate Replacement</b> <small>(23 01 50 61-0001)</small>		
23 01 50 61-0031 EA Removal And Replacement Of Stay Bolt.....	53.73	
23 01 50 61-0032 SF Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold.....	146.93	
Note: Includes support, linkages and removal of existing.		
23 01 50 61-0033 EA Prepare Cast Iron Boiler Grate Mold.....	2,213.57	
Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.		
<b>23 01 50 61-0034 Boiler And Chiller Water Treatment</b> <small>(23 01 50 61)</small>		
Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0035 LB Boil Out Boiler And System With Caustic Soda.....	1.73	
Note: Includes disposal after treatment.		
23 01 50 61-0036 LB Boil Out Boiler And System With Trisodium Phosphate.....	2.59	
Note: Includes disposal after treatment.		
23 01 50 61-0037 GAL Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required.....	161.98	
<b>23 01 60 Operation and Maintenance of Central Cooling Equipment</b> <small>(23 01)</small>		
<b>23 01 60 71 Refrigerant Recovery/Recycling</b> <small>(23 01 60)</small>		
<b>23 01 60 71-0001 Refrigerant Recovery, Reclaim And Recycling</b> <small>(23 01 60 71)</small>		
23 01 60 71-0002 LB Recovery Of Refrigerant.....	12.18	
23 01 60 71-0003 LB Recovery And Recharging Of Refrigerant.....	22.86	
Note: Includes cleaning refrigerant gas prior to recharging.		
23 01 60 71-0004 LB Recharging Of Refrigerant.....	10.26	
Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units. See CSI section 23 23 00-0000 for refrigerants.		
<b>23 05 Common Work Results for HVAC</b> <small>(23)</small>		
<b>23 05 13 Common Motor Requirements for HVAC Equipment</b> <small>(23 05)</small>		
Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.		
<b>23 05 13 00-0001 Premium Efficient, Motors</b> <small>(23 05 13)</small>		
Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation. See CSI section 23 05 13 00-0216 for installation.		
<b>23 05 13 00-0002 Premium Efficient, Open Drip Proof Motors</b> <small>(23 05 13 00-0001)</small>		
Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
<b>23 05 13 00-0003 Steel Frame, Premium Efficient, Open Drip Proof Motors</b> <small>(23 05 13 00-0002)</small>		
23 05 13 00-0004 EA 1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	725.71	
23 05 13 00-0005 EA 1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	821.73	
23 05 13 00-0006 EA 1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	963.41	
23 05 13 00-0007 EA 1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	809.14	
23 05 13 00-0008 EA 1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	859.51	
23 05 13 00-0009 EA 1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,127.13	
23 05 13 00-0010 EA 2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	950.82	
23 05 13 00-0011 EA 2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	920.91	
23 05 13 00-0012 EA 2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,152.31	
23 05 13 00-0013 EA 3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	963.41	
23 05 13 00-0014 EA 3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	993.32	
23 05 13 00-0015 EA 3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,467.15	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 05 13 00-0016	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,051.57	
23 05 13 00-0017	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,087.77	
23 05 13 00-0018	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,922.10	
23 05 13 00-0019	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,668.65	
23 05 13 00-0020	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,599.39	
23 05 13 00-0021	EA		7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,304.63	
23 05 13 00-0022	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,907.93	
23 05 13 00-0023	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	1,936.27	
23 05 13 00-0024	EA		10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,998.85	
23 05 13 00-0025	EA		15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,710.77	
23 05 13 00-0026	EA		15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	2,742.26	
23 05 13 00-0027	EA		15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,044.12	
23 05 13 00-0028	EA		20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,184.61	
23 05 13 00-0029	EA		20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,442.78	
23 05 13 00-0030	EA		20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,922.52	
23 05 13 00-0031	EA		25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	3,823.73	
23 05 13 00-0032	EA		25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,196.82	
23 05 13 00-0033	EA		25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	5,945.75	
23 05 13 00-0034	EA		30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,511.66	
23 05 13 00-0035	EA		30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	4,588.79	
23 05 13 00-0036	EA		30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	6,202.35	
23 05 13 00-0037	EA		40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	5,813.52	
23 05 13 00-0038	EA		40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	5,986.68	
23 05 13 00-0039	EA		50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	6,331.43	
23 05 13 00-0040	EA		50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	6,606.92	
23 05 13 00-0041	EA		60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	8,011.10	
23 05 13 00-0042	EA		60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	8,318.07	
23 05 13 00-0043	EA		75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	10,509.36	
23 05 13 00-0044	EA		75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	10,210.26	
23 05 13 00-0045	EA		100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	11,233.49	
23 05 13 00-0046	EA		100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	11,878.91	
23 05 13 00-0047	EA		125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	14,098.54	
23 05 13 00-0048	EA		125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	14,572.37	
23 05 13 00-0049	EA		150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor .....	17,391.76	

### 23 05 13 00-0050 Cast Iron Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)

23 05 13 00-0051	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	8,835.98	
23 05 13 00-0052	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	10,696.69	
23 05 13 00-0053	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	13,580.62	
23 05 13 00-0054	EA		75 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	15,120.19	
23 05 13 00-0055	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	16,642.44	
23 05 13 00-0056	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	17,972.64	
23 05 13 00-0057	EA		150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	16,187.50	
23 05 13 00-0058	EA		150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	21,166.69	
23 05 13 00-0059	EA		200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	19,708.98	
23 05 13 00-0060	EA		200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	20,228.47	
23 05 13 00-0061	EA		200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor .....	27,823.98	

### 23 05 13 00-0062 Premium Efficient, TEFC Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.

### 23 05 13 00-0063 Steel Frame, Premium Efficient, TEFC Motors (23 05 13 00-0062)

23 05 13 00-0064	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor .....	848.49	
23 05 13 00-0065	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	935.07	
23 05 13 00-0066	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,112.96	
23 05 13 00-0067	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	961.84	
23 05 13 00-0068	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	971.28	
23 05 13 00-0069	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,053.14	
23 05 13 00-0070	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,007.49	
23 05 13 00-0071	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,168.06	
23 05 13 00-0072	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,112.96	
23 05 13 00-0073	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,786.72	
23 05 13 00-0074	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,295.57	
23 05 13 00-0075	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,218.43	
23 05 13 00-0076	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	2,018.12	
23 05 13 00-0077	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,940.99	
23 05 13 00-0078	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,756.81	
23 05 13 00-0079	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,967.75	
23 05 13 00-0080	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor .....	1,983.49	

### 23 05 13 00-0081 Cast Iron Frame, Premium Efficient, TEFC Motors (23 05 13 00-0062)

23 05 13 00-0082	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,210.56	
23 05 13 00-0083	EA		1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,355.39	
23 05 13 00-0084	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,278.25	
23 05 13 00-0085	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,254.64	
23 05 13 00-0086	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,613.56	
23 05 13 00-0087	EA		2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,344.37	
23 05 13 00-0088	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor .....	1,314.46	





Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various motor specifications and their costs.

23 05 13 00-0130

Premium Efficient, Severe Duty Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

Table listing Premium Efficient, Severe Duty Motors with columns for CSI, UOM, DESCRIPTION, and TOTAL DIRECT UNIT COST.



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 05 Common Work Results for HVAC**

**23 05 13 Common Motor Requirements for HVAC Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 05 13 00-0167	EA		25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,429.42	
23 05 13 00-0168	EA		25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	5,106.70	
23 05 13 00-0169	EA		25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	8,012.68	
23 05 13 00-0170	EA		30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,619.51	
23 05 13 00-0171	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	6,063.82	
23 05 13 00-0172	EA		30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	10,329.90	
23 05 13 00-0173	EA		40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	9,094.15	
23 05 13 00-0174	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	7,933.97	
23 05 13 00-0175	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,875.38	
23 05 13 00-0176	EA		50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	9,530.21	
23 05 13 00-0177	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	9,312.97	
23 05 13 00-0178	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	13,714.43	
23 05 13 00-0179	EA		60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	13,830.92	
23 05 13 00-0180	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	12,481.83	
23 05 13 00-0181	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	18,732.98	
23 05 13 00-0182	EA		75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	15,461.79	
23 05 13 00-0183	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	14,584.96	
23 05 13 00-0184	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	22,799.14	
23 05 13 00-0185	EA		100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	19,435.07	
23 05 13 00-0186	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	19,145.42	
23 05 13 00-0187	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	25,077.01	
23 05 13 00-0188	EA		125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	22,836.92	
23 05 13 00-0189	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	22,633.85	
23 05 13 00-0190	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	28,329.30	
23 05 13 00-0191	EA		150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	26,772.42	
23 05 13 00-0192	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	26,515.82	
23 05 13 00-0193	EA		150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	31,940.52	
23 05 13 00-0194	EA		200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	31,702.81	
23 05 13 00-0195	EA		200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	31,898.01	
23 05 13 00-0196	EA		200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor.....	41,839.09	

**23 05 13 00-0197 Premium Efficient, Explosion Proof Motors** (23 05 13 00-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,678.10	
23 05 13 00-0199	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,737.92	
23 05 13 00-0200	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	1,895.34	
23 05 13 00-0201	EA		3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,342.41	
23 05 13 00-0202	EA		5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	2,597.43	
23 05 13 00-0203	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	3,579.73	
23 05 13 00-0204	EA		10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	3,653.72	
23 05 13 00-0205	EA		15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	4,946.14	
23 05 13 00-0206	EA		20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	5,638.78	
23 05 13 00-0207	EA		25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	7,408.19	
23 05 13 00-0208	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	8,314.92	
23 05 13 00-0209	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	10,873.00	
23 05 13 00-0210	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	12,245.70	
23 05 13 00-0211	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	17,130.44	
23 05 13 00-0212	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	20,110.40	
23 05 13 00-0213	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	24,497.70	
23 05 13 00-0214	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	32,019.23	
23 05 13 00-0215	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor.....	36,534.03	

**23 05 13 00-0216 Motor Mounting** (23 05 13)

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA		1/2 HP Motor Mounting.....	182.24	92.72
23 05 13 00-0218	EA		3/4 HP Motor Mounting.....	209.97	115.91
23 05 13 00-0219	EA		1 HP Motor Mounting.....	224.62	115.91
23 05 13 00-0220	EA		1-1/2 HP Motor Mounting.....	241.47	115.91
23 05 13 00-0221	EA		2 HP Motor Mounting.....	261.04	139.08
23 05 13 00-0222	EA		3 HP Motor Mounting.....	301.83	139.08
23 05 13 00-0223	EA		5 HP Motor Mounting.....	357.73	231.81
23 05 13 00-0224	EA		7-1/2 HP Motor Mounting.....	459.93	231.81
23 05 13 00-0225	EA		10 HP Motor Mounting.....	603.67	405.66
23 05 13 00-0226	EA		15 HP Motor Mounting.....	742.97	405.66
23 05 13 00-0227	EA		20 HP Motor Mounting.....	878.06	579.52
23 05 13 00-0228	EA		25 HP Motor Mounting.....	995.73	579.52
23 05 13 00-0229	EA		30 HP Motor Mounting.....	1,207.33	579.52
23 05 13 00-0230	EA		40 HP Motor Mounting.....	1,360.37	869.28
23 05 13 00-0231	EA		50 HP Motor Mounting.....	1,509.16	869.28
23 05 13 00-0232	EA		75 HP Motor Mounting.....	1,822.38	1,274.94
23 05 13 00-0233	EA		100 HP Motor Mounting.....	2,195.14	1,274.94
23 05 13 00-0234	EA		125 HP Motor Mounting.....	2,682.95	1,738.55
23 05 13 00-0235	EA		150 HP Motor Mounting.....	3,115.68	1,738.55
23 05 13 00-0236	EA		200 HP Motor Mounting.....	3,577.27	2,086.26

**23 05 16 Expansion Fittings and Loops for HVAC Piping** (23 05)

**23 05 16 00-0001 Stainless Steel Bellows Type Expansion Joints** (23 05 16)



# Heating, Ventilating, and Air-Conditioning (HVAC)

23

Common Work Results for HVAC 23 05



Expansion Fittings and Loops for HVAC Piping 23 05 16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

Note: Includes internal sleeves and external covers.

### 23 05 16 00-0002 Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0003	EA		1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	246.17	92.89
			<i>For 300 Lb. Rating, Add</i>	15.08	
23 05 16 00-0004	EA		3/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	275.43	104.75
			<i>For 300 Lb. Rating, Add</i>	16.51	
23 05 16 00-0005	EA		1" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	326.21	120.08
			<i>For 300 Lb. Rating, Add</i>	21.53	
23 05 16 00-0006	EA		1-1/4" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	371.12	134.03
			<i>For 300 Lb. Rating, Add</i>	25.84	
23 05 16 00-0007	EA		1-1/2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	402.88	144.06
			<i>For 300 Lb. Rating, Add</i>	28.69	
23 05 16 00-0008	EA		2" Threaded, 150 Lb., Stainless Steel Bellows Type Expansion Joint	459.48	169.52
			<i>For 300 Lb. Rating, Add</i>	30.13	

### 23 05 16 00-0009 Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0010	EA		1-1/4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	555.61	92.87
			<i>For 300 Lb. Rating, Add</i>	110.06	
23 05 16 00-0011	EA		1-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	608.67	111.45
			<i>For 300 Lb. Rating, Add</i>	117.26	
23 05 16 00-0012	EA		2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	646.01	141.49
			<i>For 300 Lb. Rating, Add</i>	117.28	
23 05 16 00-0013	EA		2-1/2" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	696.84	153.91
			<i>For 300 Lb. Rating, Add</i>	125.97	
23 05 16 00-0014	EA		3" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	770.30	180.44
			<i>For 300 Lb. Rating, Add</i>	136.12	
23 05 16 00-0015	EA		4" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	966.38	302.50
			<i>For 300 Lb. Rating, Add</i>	146.83	
23 05 16 00-0016	EA		5" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,288.58	330.84
			<i>For 300 Lb. Rating, Add</i>	218.92	
23 05 16 00-0017	EA		6" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,211.08	367.60
			<i>For 300 Lb. Rating, Add</i>	187.49	
23 05 16 00-0018	EA		8" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,555.54	469.71
			<i>For 300 Lb. Rating, Add</i>	243.02	
23 05 16 00-0019	EA		10" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,972.17	571.81
			<i>For 300 Lb. Rating, Add</i>	314.35	
23 05 16 00-0020	EA		12" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,572.98	433.15
			<i>For 300 Lb. Rating, Add</i>	426.39	
23 05 16 00-0021	EA		14" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	3,256.15	816.88
			<i>For 300 Lb. Rating, Add</i>	558.77	
23 05 16 00-0022	EA		16" Flanged, 150 Lb., Stainless Steel Bellows Type Expansion Joint	4,161.48	898.56
			<i>For 300 Lb. Rating, Add</i>	759.57	

### 23 05 16 00-0023 Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001)

Note: Carbon steel ends. Includes internal sleeves and external covers.

23 05 16 00-0024	EA		1-1/4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	608.24	127.37
			<i>For 300 Lb. Rating, Add</i>	88.40	
23 05 16 00-0025	EA		1-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	633.59	128.42
			<i>For 300 Lb. Rating, Add</i>	94.18	
23 05 16 00-0026	EA		2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	642.40	132.68
			<i>For 300 Lb. Rating, Add</i>	94.20	
23 05 16 00-0027	EA		2-1/2" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	694.38	144.66
			<i>For 300 Lb. Rating, Add</i>	101.18	
23 05 16 00-0028	EA		3" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	778.85	170.14
			<i>For 300 Lb. Rating, Add</i>	109.56	
23 05 16 00-0029	EA		4" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,148.63	338.80
			<i>For 300 Lb. Rating, Add</i>	117.93	
23 05 16 00-0030	EA		5" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,393.26	345.85
			<i>For 300 Lb. Rating, Add</i>	175.83	
23 05 16 00-0031	EA		6" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,367.61	382.91
			<i>For 300 Lb. Rating, Add</i>	150.59	
23 05 16 00-0032	EA		8" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	1,654.55	437.54
			<i>For 300 Lb. Rating, Add</i>	195.19	
23 05 16 00-0033	EA		10" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,079.94	536.07
			<i>For 300 Lb. Rating, Add</i>	252.49	
23 05 16 00-0034	EA		12" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	2,669.46	649.82
			<i>For 300 Lb. Rating, Add</i>	342.47	
23 05 16 00-0035	EA		14" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	3,188.34	661.67
			<i>For 300 Lb. Rating, Add</i>	466.18	
23 05 16 00-0036	EA		16" Butt Weld, 150 Lb., Stainless Steel Bellows Type Expansion Joint	4,189.37	827.08
			<i>For 300 Lb. Rating, Add</i>	633.71	

## 23 05 17 Sleeves and Sleeve Seals for HVAC Piping (23 05)

### 23 05 17 00-0001 Wall Seals And Sleeves (23 05 17)

Note: Up to 12" walls. Excludes drilling hole.

### 23 05 17 00-0002 Ductile Iron Wall Sleeve (23 05 17 00-0001)

Note: Includes rubber gasket seal.

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 17 Sleeves and Sleeve Seals for HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 05 17 00-0003	EA	3" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	154.18	50.43
	23 05 17 00-0004	EA	4" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	198.79	58.91
	23 05 17 00-0005	EA	6" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	246.37	70.67
	23 05 17 00-0006	EA	8" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	335.58	105.95
	23 05 17 00-0007	EA	10" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	418.97	141.23
	23 05 17 00-0008	EA	12" Ductile Iron Wall Sleeve With Rubber Gasket Seal .....	510.36	176.62
	<b>23 05 17 00-0009</b>		<b>Steel Pipe Sleeves</b> (23 05 17 00-0001)		
			Note: Includes link seals 12" length.		
	23 05 17 00-0010	EA	2" Steel Pipe Sleeve With Link Seals .....	158.09	51.05
	23 05 17 00-0011	EA	2-1/2" Steel Pipe Sleeve With Link Seals .....	201.71	55.35
	23 05 17 00-0012	EA	3" Steel Pipe Sleeve With Link Seals .....	242.40	59.63
	23 05 17 00-0013	EA	4" Steel Pipe Sleeve With Link Seals .....	304.58	71.54
	23 05 17 00-0014	EA	6" Steel Pipe Sleeve With Link Seals .....	455.53	89.34
	23 05 17 00-0015	EA	10" Steel Pipe Sleeve With Link Seals .....	1,024.92	107.25
	23 05 17 00-0016	EA	13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals .....	1,234.96	134.07
	23 05 17 00-0017	EA	17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals .....	1,695.70	164.95
	23 05 17 00-0018	EA	23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals .....	2,403.49	214.50
	23 05 17 00-0019	EA	29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals .....	3,548.51	268.13
	<b>23 05 19</b>		<b>Meters and Gages for HVAC Piping</b> (23 05)		
			See CSI section 33 19 00 00-0000 for water utility service metering.		
	<b>23 05 19 00-0001</b>		<b>Thermometers</b> (23 05 19)		
	<b>23 05 19 00-0002</b>		<b>Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers</b> (23 05 19 00-0001)		
			Note: Various ranges.		
	23 05 19 00-0003	EA	2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	110.42	36.88
	23 05 19 00-0004	EA	2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	128.78	36.88
	23 05 19 00-0005	EA	3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer .....	128.78	36.88
	<b>23 05 19 00-0006</b>		<b>Liquid Filled Industrial Union Connection Type Thermometers</b> (23 05 19 00-0001)		
			Note: Various ranges.		
	23 05 19 00-0007	EA	7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	147.14	36.88
	23 05 19 00-0008	EA	9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	147.14	36.88
	23 05 19 00-0009	EA	12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	185.54	36.88
	23 05 19 00-0010	EA	7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	152.15	36.88
	23 05 19 00-0011	EA	9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	160.50	36.88
	23 05 19 00-0012	EA	12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer .....	190.55	36.88
	<b>23 05 19 00-0013</b>		<b>Liquid Filled Industrial Separable Socket Type Thermometers</b> (23 05 19 00-0001)		
			Note: Various ranges. Socket connection for thermowell.		
	23 05 19 00-0014	EA	7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	147.14	36.88
	23 05 19 00-0015	EA	9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	147.14	36.88
	23 05 19 00-0016	EA	12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	185.54	36.88
	23 05 19 00-0017	EA	7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	168.85	36.88
	23 05 19 00-0018	EA	9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	185.54	36.88
	23 05 19 00-0019	EA	12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer .....	189.80	36.88
	<b>23 05 19 00-0020</b>		<b>1" NPT, 304 Stainless Steel Thermowells</b> (23 05 19 00-0001)		
	23 05 19 00-0021	EA	4" Long, 1" NPT, 304 Stainless Steel Thermowell .....	190.13	69.14
	23 05 19 00-0022	EA	8" Long, 1" NPT, 304 Stainless Steel Thermowell .....	190.04	69.14
	<b>23 05 19 00-0023</b>		<b>Pressure Gauges</b> (23 05 19)		
	<b>23 05 19 00-0024</b>		<b>Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges</b> (23 05 19 00-0023)		
	23 05 19 00-0025	EA	2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	39.49	14.40
	23 05 19 00-0026	EA	4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	49.34	14.40
	<b>23 05 19 00-0027</b>		<b>Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges</b> (23 05 19 00-0023)		
	23 05 19 00-0028	EA	3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	317.40	14.40
	23 05 19 00-0029	EA	4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	317.40	14.40
	23 05 19 00-0030	EA	6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	415.41	14.40
	23 05 19 00-0031	EA	8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	992.58	14.40
	<b>23 05 19 00-0032</b>		<b>Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges</b> (23 05 19 00-0023)		
			Note: Liquid filled.		
	23 05 19 00-0033	EA	2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	148.72	14.40
	23 05 19 00-0034	EA	4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge .....	340.48	14.40
	<b>23 05 19 00-0035</b>		<b>Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges</b> (23 05 19 00-0023)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0036 EA 4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	327.64	14.40
23 05 19 00-0037 EA 6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	327.64	14.40
23 05 19 00-0038 EA 8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge .....	327.64	14.40
<b>23 05 19 00-0039 Gauge Accessories (23 05 19 00-0023)</b>		
23 05 19 00-0040 EA Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer) .....	93.65	11.52
23 05 19 00-0041 EA 1/4" Snubber Valve .....	56.69	11.52
23 05 19 00-0042 EA 1/4" Female Pipe Thread, Brass Gauge Cock .....	35.50	17.29
23 05 19 00-0043 EA 1/4" Male Pipe Thread, Brass Gauge Cock .....	30.35	17.29
23 05 19 00-0044 EA 1/4" Pressure Pigtail Steam Siphon .....	45.73	17.29
23 05 19 00-0045 EA 1/4" x 3" Long Black Steel Nipple .....	8.54	5.76
23 05 19 00-0046 EA 1/4" Steel Thread-O-Let .....	66.46	28.81
23 05 19 00-0047 EA 1/4", 300 Lb., Black Steel Union .....	77.56	11.52
23 05 19 00-0048 EA 1/4" Black Steel Coupling .....	25.07	11.52
23 05 19 00-0049 EA 1/4", 300 Lb., Black Steel Plug .....	14.29	6.91
23 05 19 00-0050 EA 1/4", 150 Lb., Black Steel Cap .....	14.97	6.91
23 05 19 00-0051 LF 1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe .....	10.57	3.81
23 05 19 00-0052 LF 1/4" Schedule 80, Plain End, Black Steel Pipe .....	10.58	3.81
23 05 19 00-0053 LF 1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe .....	10.07	
23 05 19 00-0054 EA 1/4" Threaded, 800 Lb., Forged Steel, Ball Valve .....	115.04	
<b>23 05 19 00-0055 Valve Lock Covers (23 05 19)</b>		
23 05 19 00-0056 EA Valve Lock Cover .....	88.99	17.63
<b>23 05 19 00-0057 Sight Flow Indicator (23 05 19)</b>		
<b>23 05 19 00-0058 Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0057)</b>		
23 05 19 00-0059 EA 1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	174.91	16.76
23 05 19 00-0060 EA 3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	182.66	17.63
23 05 19 00-0061 EA 1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	197.71	18.53
23 05 19 00-0062 EA 3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	220.19	24.97
23 05 19 00-0063 EA 1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	263.09	30.26
23 05 19 00-0064 EA 1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	297.22	38.31
23 05 19 00-0065 EA 1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	424.06	44.29
23 05 19 00-0066 EA 2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100) .....	468.91	52.35
<b>23 05 19 00-0067 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (23 05 19 00-0057)</b>		
23 05 19 00-0068 EA 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	228.84	16.76
23 05 19 00-0069 EA 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	235.39	17.63
23 05 19 00-0070 EA 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	254.03	18.53
23 05 19 00-0071 EA 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	268.13	24.97
23 05 19 00-0072 EA 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	283.46	30.26
23 05 19 00-0073 EA 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	305.60	38.31
23 05 19 00-0074 EA 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	587.04	44.29
23 05 19 00-0075 EA 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300) .....	627.10	52.35
<b>23 05 19 00-0076 Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (23 05 19 00-0057)</b>		
23 05 19 00-0077 EA 1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	333.10	16.76
23 05 19 00-0078 EA 3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	351.64	17.63
23 05 19 00-0079 EA 1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	382.26	18.53
23 05 19 00-0080 EA 3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	414.33	24.97
23 05 19 00-0081 EA 1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	475.21	30.26

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 19 Meters and Gages for HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0082 EA 1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	500.94	38.31
23 05 19 00-0083 EA 1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	1,018.47	44.29
23 05 19 00-0084 EA 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS) .....	1,070.51	52.35
<b>23 05 19 00-0085 Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0086 EA 1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	225.24	16.76
23 05 19 00-0087 EA 3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	234.19	17.63
23 05 19 00-0088 EA 1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	248.04	18.53
23 05 19 00-0089 EA 3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	266.93	24.97
23 05 19 00-0090 EA 1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	282.26	30.26
23 05 19 00-0091 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	305.60	38.31
23 05 19 00-0092 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	579.85	44.29
23 05 19 00-0093 EA 2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360) .....	617.52	52.35
<b>23 05 19 00-0094 Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0095 EA 1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	330.70	16.76
23 05 19 00-0096 EA 3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	356.43	17.63
23 05 19 00-0097 EA 1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	389.45	18.53
23 05 19 00-0098 EA 3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	414.33	24.97
23 05 19 00-0099 EA 1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	475.21	30.26
23 05 19 00-0100 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	505.74	38.31
23 05 19 00-0101 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	1,018.47	44.29
23 05 19 00-0102 EA 2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS) .....	1,070.51	52.35
<b>23 05 19 00-0103 Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0104 EA 1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	484.79	30.26
23 05 19 00-0105 EA 1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	544.09	38.31
23 05 19 00-0106 EA 1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	618.20	44.29
23 05 19 00-0107 EA 2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400) .....	694.21	52.35
<b>23 05 19 00-0108 Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0109 EA 1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	1,065.17	120.81
23 05 19 00-0110 EA 2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	1,187.03	153.38
23 05 19 00-0111 EA 3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	1,755.19	180.12
23 05 19 00-0112 EA 4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	2,643.99	301.96
23 05 19 00-0113 EA 6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS) .....	4,319.01	381.63
<b>23 05 19 00-0114 Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators</b> <small>(23 05 19 00-0057)</small>		
23 05 19 00-0115 EA 1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	818.00	86.29
23 05 19 00-0116 EA 1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	966.34	100.67
23 05 19 00-0117 EA 1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	1,040.60	120.81
23 05 19 00-0118 EA 2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	1,303.88	153.38
23 05 19 00-0119 EA 3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	1,898.40	180.12
23 05 19 00-0120 EA 4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F) .....	2,799.18	301.96
<b>23 05 19 00-0121 Venturi Flowmeters</b> <small>(23 05 19)</small>		
<b>23 05 19 00-0122 Threaded, Brass, Venturi Flowmeters</b> <small>(23 05 19 00-0121)</small>		
23 05 19 00-0123 EA 3/4" Threaded, Brass, Venturi Flowmeter .....	312.45	78.37
For Portable Venturi Flow Meter, Add	995.00	
23 05 19 00-0124 EA 1" Threaded, Brass, Venturi Flowmeter .....	344.57	94.03
For Portable Venturi Flow Meter, Add	995.00	
23 05 19 00-0125 EA 1-1/4" Threaded, Brass, Venturi Flowmeter .....	379.99	104.53
For Portable Venturi Flow Meter, Add	995.00	
23 05 19 00-0126 EA 1-1/2" Threaded, Brass, Venturi Flowmeter .....	428.30	117.55
For Portable Venturi Flow Meter, Add	995.00	
23 05 19 00-0127 EA 2" Threaded, Brass, Venturi Flowmeter .....	510.25	134.38
For Portable Venturi Flow Meter, Add	995.00	
23 05 19 00-0128 EA 2-1/2" Threaded, Brass, Venturi Flowmeter .....	703.74	190.85
For Portable Venturi Flow Meter, Add	995.00	
<b>23 05 19 00-0129 Butt Weld, Carbon Steel, Venturi Flowmeters</b> <small>(23 05 19 00-0121)</small>		
23 05 19 00-0130 EA 3" Butt Weld, Carbon Steel, Venturi Flowmeter .....	2,341.77	160.88
For Portable Venturi Flow Meter, Add	995.00	
For Flanged Ends, Add	707.01	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0131 EA 4" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	3,281.47 995.00 1,013.38	193.05
23 05 19 00-0132 EA 5" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	4,320.67 995.00 1,343.31	241.32
23 05 19 00-0133 EA 6" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	5,087.55 995.00 1,555.42	321.75
23 05 19 00-0134 EA 8" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	7,572.94 995.00 2,380.26	386.10
23 05 19 00-0135 EA 10" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	12,614.05 995.00 4,077.08	482.63
23 05 19 00-0136 EA 12" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	19,054.10 995.00 6,174.54	706.29
23 05 19 00-0137 EA 14" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	26,628.46 995.00 8,578.36	1,059.43
23 05 19 00-0138 EA 16" Butt Weld, Carbon Steel, Venturi Flowmeter ..... <i>For Portable Venturi Flow Meter, Add For Flanged Ends, Add</i>	40,398.04 995.00 13,315.31	1,177.14

<b>23 05 19 00-0139</b>	<b>Turbine Flowmeter</b> <small>(23 05 19)</small>	
23 05 19 00-0140 EA Saddle Mount Turbine Flowmeter.....	1,699.81	86.43

<b>23 05 19 00-0141</b>	<b>Water Flow Switches</b> <small>(23 05 19)</small>	
23 05 19 00-0142 EA Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1) .....	296.83	33.97
23 05 19 00-0143 EA Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1) .....	307.79	33.97
23 05 19 00-0144 EA Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1) .....	400.36	33.97
23 05 19 00-0145 EA Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1) .....	414.37	33.97
23 05 19 00-0146 EA Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1) .....	321.81	33.97
23 05 19 00-0147 EA Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1) .....	334.59	33.97
23 05 19 00-0148 EA Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1) .....	425.33	33.97
23 05 19 00-0149 EA Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1) .....	438.11	33.97
23 05 19 00-0150 EA Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1) .....	849.73	33.97
23 05 19 00-0151 EA Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1) .....	862.12	33.97
23 05 19 00-0152 EA Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1) .....	979.78	33.97
23 05 19 00-0153 EA Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1) .....	996.81	33.97
23 05 19 00-0154 EA Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1) .....	879.15	33.97
23 05 19 00-0155 EA Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1) .....	896.18	33.97
23 05 19 00-0156 EA Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1) .....	1,009.20	33.97
23 05 19 00-0157 EA Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1) .....	1,027.78	33.97

**23 05 23 General-Duty Valves For HVAC Piping** (23 05)

Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additional valves, 23 21 13 23-0713 for bolt and gasket sets.

<b>23 05 23 00-0001</b>	<b>Gate Valves</b> <small>(23 05 23)</small>	
<b>23 05 23 00-0002</b>	<b>Class 125 Threaded, Bronze Gate Valves</b> <small>(23 05 23 00-0001)</small>	
	Note: 125 psi steam, basic rating, 200 psi cold working pressure.	
23 05 23 00-0003 EA 1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	65.48	11.51
<i>For 150 Lb. Rating, Add</i>	3.20	
<i>For 200 Lb. Rating, Add</i>	4.80	
<i>For 250 Lb. Rating, Add</i>	8.00	
<i>For 300 Lb. Rating, Add</i>	11.19	
<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0004 EA 3/8" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	67.24	11.51
<i>For 150 Lb. Rating, Add</i>	3.20	
<i>For 200 Lb. Rating, Add</i>	4.80	
<i>For 250 Lb. Rating, Add</i>	8.00	
<i>For 300 Lb. Rating, Add</i>	11.19	
<i>For Work In Restricted Working Space, Add</i>	10.58	
23 05 23 00-0005 EA 1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	69.10	11.51
<i>For 150 Lb. Rating, Add</i>	3.20	
<i>For 200 Lb. Rating, Add</i>	4.80	
<i>For 250 Lb. Rating, Add</i>	8.00	
<i>For 300 Lb. Rating, Add</i>	11.19	
<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0006 EA 3/4" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	88.18	12.66
<i>For 150 Lb. Rating, Add</i>	3.82	
<i>For 200 Lb. Rating, Add</i>	5.72	
<i>For 250 Lb. Rating, Add</i>	9.54	
<i>For 300 Lb. Rating, Add</i>	13.36	
<i>For Work In Restricted Working Space, Add</i>	15.01	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 05 Common Work Results for HVAC**

**23 05 23 General-Duty Valves For HVAC Piping**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 23 00-0007	EA 1" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	118.21	14.38
	<i>For 150 Lb. Rating, Add</i>	5.77	
	<i>For 200 Lb. Rating, Add</i>	8.65	
	<i>For 250 Lb. Rating, Add</i>	14.41	
	<i>For 300 Lb. Rating, Add</i>	20.18	
	<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0008	EA 1-1/4" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	154.44	15.31
	<i>For 150 Lb. Rating, Add</i>	7.77	
	<i>For 200 Lb. Rating, Add</i>	11.66	
	<i>For 250 Lb. Rating, Add</i>	19.43	
	<i>For 300 Lb. Rating, Add</i>	27.21	
	<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0009	EA 1-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	186.46	17.72
	<i>For 150 Lb. Rating, Add</i>	9.80	
	<i>For 200 Lb. Rating, Add</i>	14.69	
	<i>For 250 Lb. Rating, Add</i>	24.49	
	<i>For 300 Lb. Rating, Add</i>	34.28	
	<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0010	EA 2" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	238.43	20.94
	<i>For 150 Lb. Rating, Add</i>	13.38	
	<i>For 200 Lb. Rating, Add</i>	20.07	
	<i>For 250 Lb. Rating, Add</i>	33.46	
	<i>For 300 Lb. Rating, Add</i>	46.84	
	<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0011	EA 2-1/2" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	522.95	28.29
	<i>For Chain Operated Type, Add</i>	171.76	
	<i>For 150 Lb. Rating, Add</i>	38.17	
	<i>For 200 Lb. Rating, Add</i>	57.25	
	<i>For 250 Lb. Rating, Add</i>	95.42	
	<i>For 300 Lb. Rating, Add</i>	133.59	
	<i>For Work In Restricted Working Space, Add</i>	42.38	
23 05 23 00-0012	EA 3" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	619.25	32.84
	<i>For Chain Operated Type, Add</i>	205.31	
	<i>For 150 Lb. Rating, Add</i>	45.63	
	<i>For 200 Lb. Rating, Add</i>	68.44	
	<i>For 250 Lb. Rating, Add</i>	114.06	
	<i>For 300 Lb. Rating, Add</i>	159.69	
	<i>For Work In Restricted Working Space, Add</i>	48.90	
23 05 23 00-0013	EA 4" Diameter, 125 Lb., Threaded Bronze Gate Valve.....	1,272.33	37.08
	<i>For Chain Operated Type, Add</i>	489.11	
	<i>For 150 Lb. Rating, Add</i>	108.69	
	<i>For 200 Lb. Rating, Add</i>	163.04	
	<i>For 250 Lb. Rating, Add</i>	271.73	
	<i>For 300 Lb. Rating, Add</i>	380.42	
	<i>For Work In Restricted Working Space, Add</i>	55.63	
23 05 23 00-0014	<b>Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0015	EA 1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	277.42	17.72
	<i>For 150 Lb. Rating, Add</i>	37.78	
	<i>For 250 Lb. Rating, Add</i>	66.12	
	<i>For Chain Operated Type, Add</i>	66.12	
	<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0016	EA 2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	423.82	20.94
	<i>For 150 Lb. Rating, Add</i>	63.84	
	<i>For 250 Lb. Rating, Add</i>	111.73	
	<i>For Chain Operated Type, Add</i>	111.73	
	<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0017	EA 2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	621.37	28.29
	<i>For 150 Lb. Rating, Add</i>	96.02	
	<i>For 250 Lb. Rating, Add</i>	168.04	
	<i>For Chain Operated Type, Add</i>	168.04	
	<i>For Work In Restricted Working Space, Add</i>	42.38	
23 05 23 00-0018	EA 3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	792.92	32.84
	<i>For 150 Lb. Rating, Add</i>	125.98	
	<i>For 250 Lb. Rating, Add</i>	220.47	
	<i>For Chain Operated Type, Add</i>	220.47	
	<i>For Work In Restricted Working Space, Add</i>	48.90	
23 05 23 00-0019	EA 4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	1,881.10	37.08
	<i>For 150 Lb. Rating, Add</i>	339.14	
	<i>For 250 Lb. Rating, Add</i>	593.49	
	<i>For Chain Operated Type, Add</i>	593.49	
	<i>For Work In Restricted Working Space, Add</i>	55.63	
23 05 23 00-0020	<b>Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small> Note: 125 psi steam, basic rating. 200 psi cold working pressure.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0021 EA 1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	607.55	120.81
For 150 Lb. Rating, Add	132.29	
For 250 Lb. Rating, Add	228.08	
For 300 Lb. Rating, ASTM A182, Add	531.86	
For Chain Operated Type, Add	228.08	
For Work In Restricted Working Space, Add	45.42	
23 05 23 00-0022 EA 2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	668.84	153.38
For 150 Lb. Rating, Add	138.35	
For 250 Lb. Rating, Add	238.54	
For 300 Lb. Rating, ASTM A182, Add	572.96	
For Chain Operated Type, Add	238.54	
For Work In Restricted Working Space, Add	57.53	
23 05 23 00-0023 EA 2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	765.04	153.63
For 150 Lb. Rating, Add	166.00	
For 250 Lb. Rating, Add	286.20	
For 300 Lb. Rating, ASTM A182, Add	668.72	
For Chain Operated Type, Add	286.20	
For Work In Restricted Working Space, Add	57.79	
23 05 23 00-0024 EA 3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	940.89	180.12
For 150 Lb. Rating, Add	207.48	
For 250 Lb. Rating, Add	357.73	
For 300 Lb. Rating, ASTM A182, Add	828.18	
For Chain Operated Type, Add	357.73	
For Work In Restricted Working Space, Add	67.63	
23 05 23 00-0025 EA 4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	1,332.41	301.96
For 150 Lb. Rating, Add	276.66	
For 250 Lb. Rating, Add	477.00	
For 300 Lb. Rating, ASTM A182, Add	1,143.21	
For Chain Operated Type, Add	477.00	
For Work In Restricted Working Space, Add	113.52	
23 05 23 00-0026 EA 5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	1,668.76	343.46
For 150 Lb. Rating, Add	359.63	
For 250 Lb. Rating, Add	620.05	
For 300 Lb. Rating, ASTM A182, Add	1,454.43	
For Chain Operated Type, Add	620.05	
For Work In Restricted Working Space, Add	128.60	
23 05 23 00-0027 EA 6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	2,004.84	381.63
For 150 Lb. Rating, Add	442.57	
For 250 Lb. Rating, Add	763.05	
For 300 Lb. Rating, ASTM A182, Add	1,765.47	
For Chain Operated Type, Add	763.05	
For Work In Restricted Working Space, Add	143.62	
23 05 23 00-0028 EA 8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	3,133.74	487.63
For 150 Lb. Rating, Add	733.12	
For 250 Lb. Rating, Add	1,264.00	
For 300 Lb. Rating, ASTM A182, Add	2,830.87	
For Chain Operated Type, Add	1,264.00	
For Work In Restricted Working Space, Add	181.73	
23 05 23 00-0029 EA 10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	4,080.66	593.64
For 150 Lb. Rating, Add	968.20	
For 250 Lb. Rating, Add	1,669.31	
For 300 Lb. Rating, ASTM A182, Add	3,709.64	
For Chain Operated Type, Add	1,669.31	
For Work In Restricted Working Space, Add	222.61	
23 05 23 00-0030 EA 12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	5,669.15	720.84
For 150 Lb. Rating, Add	1,383.22	
For 250 Lb. Rating, Add	2,384.86	
For 300 Lb. Rating, ASTM A182, Add	5,219.43	
For Chain Operated Type, Add	2,384.86	
For Work In Restricted Working Space, Add	269.83	
<b>23 05 23 00-0031 Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves</b> <small>(23 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05 23 00-0032 EA 1-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	551.59	17.72
For 175 Lb. Rating, Add	231.54	
For 250 Lb. Rating, Add	347.31	
For Work In Restricted Working Space, Add	26.55	
23 05 23 00-0033 EA 2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	703.24	20.94
For 175 Lb. Rating, Add	299.32	
For 250 Lb. Rating, Add	448.98	
For Work In Restricted Working Space, Add	31.38	
23 05 23 00-0034 EA 2-1/2" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	816.31	28.29
For 175 Lb. Rating, Add	337.52	
For 250 Lb. Rating, Add	506.28	
For Work In Restricted Working Space, Add	42.38	
23 05 23 00-0035 EA 3" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	907.84	32.84
For 175 Lb. Rating, Add	372.42	
For 250 Lb. Rating, Add	558.63	
For Work In Restricted Working Space, Add	48.90	
23 05 23 00-0036 EA 4" Diameter, 125 Lb. Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	1,213.94	37.08
For 175 Lb. Rating, Add	514.26	
For 250 Lb. Rating, Add	771.39	
For Work In Restricted Working Space, Add	55.63	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 05 Common Work Results for HVAC**

**23 05 23 General-Duty Valves For HVAC Piping**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 23 00-0037	Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0001)</small>			
	Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".			
23 05 23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	808.98	120.81
		For 150 Lb. Rating, Add	98.64	
		For 175 Lb. Rating, Add	203.85	
		For 250 Lb. Rating, Add	427.43	
		For Chain Operated Type, Add	328.80	
		For Work In Restricted Working Space, Add	45.42	
23 05 23 00-0039	EA	2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	868.89	153.38
		For 150 Lb. Rating, Add	101.57	
		For 175 Lb. Rating, Add	209.91	
		For 250 Lb. Rating, Add	440.13	
		For Chain Operated Type, Add	338.57	
		For Work In Restricted Working Space, Add	57.53	
23 05 23 00-0040	EA	2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	891.87	153.63
		For 150 Lb. Rating, Add	104.88	
		For 175 Lb. Rating, Add	216.76	
		For 250 Lb. Rating, Add	454.50	
		For Chain Operated Type, Add	349.62	
		For Work In Restricted Working Space, Add	57.79	
23 05 23 00-0041	EA	3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	994.77	180.12
		For 150 Lb. Rating, Add	115.40	
		For 175 Lb. Rating, Add	238.50	
		For 250 Lb. Rating, Add	500.07	
		For Chain Operated Type, Add	384.67	
		For Work In Restricted Working Space, Add	67.63	
23 05 23 00-0042	EA	4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	1,311.42	301.96
		For 150 Lb. Rating, Add	139.95	
		For 175 Lb. Rating, Add	289.23	
		For 250 Lb. Rating, Add	606.46	
		For Chain Operated Type, Add	466.51	
		For Work In Restricted Working Space, Add	113.52	
23 05 23 00-0043	EA	5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	1,730.42	343.46
		For 150 Lb. Rating, Add	195.26	
		For 175 Lb. Rating, Add	403.54	
		For 250 Lb. Rating, Add	846.14	
		For Chain Operated Type, Add	650.88	
		For Work In Restricted Working Space, Add	128.60	
23 05 23 00-0044	EA	6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	1,965.39	381.63
		For 150 Lb. Rating, Add	223.00	
		For 175 Lb. Rating, Add	460.86	
		For 250 Lb. Rating, Add	966.32	
		For Chain Operated Type, Add	743.33	
		For Work In Restricted Working Space, Add	143.62	
23 05 23 00-0045	EA	8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	3,120.08	487.63
		For 150 Lb. Rating, Add	377.15	
		For 175 Lb. Rating, Add	779.44	
		For 250 Lb. Rating, Add	1,634.31	
		For Chain Operated Type, Add	1,257.17	
		For Work In Restricted Working Space, Add	181.73	
23 05 23 00-0046	EA	10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	4,611.58	593.64
		For 150 Lb. Rating, Add	580.43	
		For 175 Lb. Rating, Add	1,199.56	
		For 250 Lb. Rating, Add	2,515.20	
		For Chain Operated Type, Add	1,934.77	
		For Work In Restricted Working Space, Add	222.61	
23 05 23 00-0047	EA	12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	5,803.76	720.84
		For 150 Lb. Rating, Add	735.65	
		For 175 Lb. Rating, Add	1,520.34	
		For 250 Lb. Rating, Add	3,187.81	
		For Chain Operated Type, Add	2,452.16	
		For Work In Restricted Working Space, Add	269.83	
23 05 23 00-0048	EA	14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	11,732.23	1,019.04
		For 150 Lb. Rating, Add	1,568.76	
		For 175 Lb. Rating, Add	3,242.11	
		For 250 Lb. Rating, Add	6,797.98	
		For Chain Operated Type, Add	382.14	
		For Work In Restricted Working Space, Add		
23 05 23 00-0049	EA	16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	15,311.94	1,120.94
		For 150 Lb. Rating, Add	2,086.61	
		For 175 Lb. Rating, Add	4,312.34	
		For 250 Lb. Rating, Add	9,041.99	
		For Chain Operated Type, Add	420.35	
		For Work In Restricted Working Space, Add		
23 05 23 00-0050	EA	18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	21,029.34	1,243.22
		For 150 Lb. Rating, Add	2,921.30	
		For 175 Lb. Rating, Add	6,037.35	
		For 250 Lb. Rating, Add	12,658.95	
		For Chain Operated Type, Add	466.21	
		For Work In Restricted Working Space, Add		
23 05 23 00-0051	EA	20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	26,787.32	1,401.18
		For 150 Lb. Rating, Add	3,755.38	
		For 175 Lb. Rating, Add	7,761.11	
		For 250 Lb. Rating, Add	16,273.30	
		For Chain Operated Type, Add	525.44	
		For Work In Restricted Working Space, Add		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0052 EA 24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	36,687.03	1,719.63
For 150 Lb. Rating, Add	5,180.63	
For 175 Lb. Rating, Add	10,706.63	
For 250 Lb. Rating, Add	22,449.38	
For Work In Restricted Working Space, Add	644.86	
23 05 23 00-0053 EA 30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	76,895.13	2,802.36
For 150 Lb. Rating, Add	11,008.83	
For 175 Lb. Rating, Add	22,751.58	
For 250 Lb. Rating, Add	47,704.92	
For Work In Restricted Working Space, Add	1,050.88	
23 05 23 00-0054 EA 36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve .....	97,921.84	3,736.47
For 150 Lb. Rating, Add	13,987.69	
For 175 Lb. Rating, Add	28,907.89	
For 250 Lb. Rating, Add	60,613.31	
For Work In Restricted Working Space, Add	1,401.18	
<b>23 05 23 00-0055 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0001)</b>		
Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0056 EA 1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	166.21	11.51
For Work In Restricted Working Space, Add	10.05	
23 05 23 00-0057 EA 1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	169.83	11.51
For Work In Restricted Working Space, Add	11.14	
23 05 23 00-0058 EA 3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	200.54	12.66
For Work In Restricted Working Space, Add	15.01	
23 05 23 00-0059 EA 1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	243.45	14.38
For Work In Restricted Working Space, Add	18.17	
23 05 23 00-0060 EA 1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	371.79	15.31
For Work In Restricted Working Space, Add	23.01	
23 05 23 00-0061 EA 1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	439.72	17.72
For Work In Restricted Working Space, Add	26.55	
23 05 23 00-0062 EA 2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve .....	552.91	20.94
For Work In Restricted Working Space, Add	31.38	
<b>23 05 23 00-0063 Ball Valves (23 05 23)</b>		
See CSI section 23 23 13 00-0000 for refrigeration valves.		
<b>23 05 23 00-0064 Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0063)</b>		
Note: 125 Lb. WSP.		
23 05 23 00-0065 EA 1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	51.46	11.51
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	6.45	
For Work In Restricted Working Space, Add	11.14	
23 05 23 00-0066 EA 3/4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	72.08	12.66
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	9.93	
For Work In Restricted Working Space, Add	15.01	
23 05 23 00-0067 EA 1" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	90.34	14.38
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	13.40	
For Work In Restricted Working Space, Add	18.17	
23 05 23 00-0068 EA 1-1/4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	126.71	15.31
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	22.50	
For Work In Restricted Working Space, Add	23.01	
23 05 23 00-0069 EA 1-1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	152.37	17.72
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	28.74	
For Work In Restricted Working Space, Add	26.55	
23 05 23 00-0070 EA 2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	184.59	20.94
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	36.00	
For Work In Restricted Working Space, Add	31.38	
23 05 23 00-0071 EA 2-1/2" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	518.76	28.29
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	169.87	
For Work In Restricted Working Space, Add	42.38	
23 05 23 00-0072 EA 3" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	598.55	32.84
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	196.00	
For Work In Restricted Working Space, Add	48.90	
23 05 23 00-0073 EA 4" Threaded Or Sweated, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve .....	779.23	37.08
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Full Port, Add	267.21	
For Work In Restricted Working Space, Add	55.63	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0074			<b>Screwed, 150 Lb., Full Port, Carbon Steel Ball Valves</b> (23 05 23 00-0063)		
23 05 23 00-0075	EA		1/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	60.95	11.51
			<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0076	EA		1/2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	66.92	11.51
			<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0077	EA		3/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	93.12	12.66
			<i>For Work In Restricted Working Space, Add</i>	15.01	
23 05 23 00-0078	EA		1" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	118.51	14.38
			<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0079	EA		1-1/4" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	175.76	15.31
			<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0080	EA		1-1/2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	213.99	17.72
			<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0081	EA		2" Screwed, 150 Lb., Full Port, Carbon Steel Ball Valve.....	277.37	20.94
			<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0082			<b>Flanged, 150 Lb., Full Port, Carbon Steel Ball Valves</b> (23 05 23 00-0063)		
23 05 23 00-0083	EA		1-1/2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	493.89	120.81
			<i>For 150 Lb. Rating, Add</i>	99.33	
			<i>For 250 Lb. Rating, Add</i>	171.25	
			<i>For 300 Lb. Rating, ASTM A182, Add</i>	418.20	
			<i>For Chain Operated Type, Add</i>	171.25	
			<i>For Work In Restricted Working Space, Add</i>	45.42	
			<i>For Work In Restricted Working Space, Add</i>	45.42	
23 05 23 00-0084	EA		2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	616.66	153.38
			<i>For 150 Lb. Rating, Add</i>	123.22	
			<i>For 250 Lb. Rating, Add</i>	212.45	
			<i>For 300 Lb. Rating, ASTM A182, Add</i>	520.78	
			<i>For Chain Operated Type, Add</i>	212.45	
			<i>For Work In Restricted Working Space, Add</i>	57.53	
			<i>For Work In Restricted Working Space, Add</i>	57.53	
23 05 23 00-0085	EA		2-1/2" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	968.82	153.63
			<i>For 150 Lb. Rating, Add</i>	225.09	
			<i>For 250 Lb. Rating, Add</i>	388.09	
			<i>For 300 Lb. Rating, ASTM A182, Add</i>	872.50	
			<i>For Chain Operated Type, Add</i>	388.09	
			<i>For Work In Restricted Working Space, Add</i>	57.79	
			<i>For Work In Restricted Working Space, Add</i>	57.79	
23 05 23 00-0086	EA		3" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	1,064.64	180.12
			<i>For 150 Lb. Rating, Add</i>	243.37	
			<i>For 250 Lb. Rating, Add</i>	419.61	
			<i>For 300 Lb. Rating, ASTM A182, Add</i>	951.93	
			<i>For Chain Operated Type, Add</i>	419.61	
			<i>For Work In Restricted Working Space, Add</i>	67.63	
			<i>For Work In Restricted Working Space, Add</i>	67.63	
23 05 23 00-0087	EA		4" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	1,557.16	301.96
			<i>For Work In Restricted Working Space, Add</i>	113.52	
23 05 23 00-0088	EA		6" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	3,674.74	381.63
			<i>For Work In Restricted Working Space, Add</i>	143.62	
23 05 23 00-0089	EA		8" Flanged, 150 Lb., Full Port, Carbon Steel Ball Valve.....	6,276.37	487.63
			<i>For Work In Restricted Working Space, Add</i>	181.73	
23 05 23 00-0090			<b>Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves</b> (23 05 23 00-0063)		
23 05 23 00-0091	EA		1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	48.51	11.51
			<i>For True Union Socket Or Thread Type, Add</i>	6.50	
			<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0092	EA		3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	63.13	12.66
			<i>For True Union Socket Or Thread Type, Add</i>	7.87	
			<i>For Work In Restricted Working Space, Add</i>	15.01	
23 05 23 00-0093	EA		1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	78.82	14.38
			<i>For True Union Socket Or Thread Type, Add</i>	10.48	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0094	EA		1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	100.69	15.31
			<i>For True Union Socket Or Thread Type, Add</i>	13.62	
			<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0095	EA		1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	130.24	17.72
			<i>For True Union Socket Or Thread Type, Add</i>	21.34	
			<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0096	EA		2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	157.78	20.94
			<i>For True Union Socket Or Thread Type, Add</i>	26.76	
			<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0097	EA		2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	255.69	28.29
			<i>For True Union Socket Or Thread Type, Add</i>	53.18	
			<i>For Work In Restricted Working Space, Add</i>	42.38	
23 05 23 00-0098	EA		3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	357.56	32.84
			<i>For True Union Socket Or Thread Type, Add</i>	86.38	
			<i>For Work In Restricted Working Space, Add</i>	48.90	
23 05 23 00-0099	EA		4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve.....	557.42	37.08
			<i>For True Union Socket Or Thread Type, Add</i>	158.53	
			<i>For Work In Restricted Working Space, Add</i>	55.63	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0100				<b>Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valves</b> (23 05 23 00-0063)		
23 05 23 00-0101	EA			1/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	93.40	17.26
				<i>For Full Port, Add</i>	19.41	
				<i>For Work In Restricted Working Space, Add</i>	15.08	
23 05 23 00-0102	EA			3/8" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	96.04	17.26
				<i>For Full Port, Add</i>	19.41	
				<i>For Work In Restricted Working Space, Add</i>	15.87	
23 05 23 00-0103	EA			1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	98.81	17.26
				<i>For Full Port, Add</i>	19.41	
				<i>For Work In Restricted Working Space, Add</i>	16.70	
23 05 23 00-0104	EA			3/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	120.78	18.98
				<i>For Full Port, Add</i>	20.58	
				<i>For Work In Restricted Working Space, Add</i>	22.51	
23 05 23 00-0105	EA			1" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	158.60	21.57
				<i>For Full Port, Add</i>	30.49	
				<i>For Work In Restricted Working Space, Add</i>	27.25	
23 05 23 00-0106	EA			1-1/4" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	207.80	22.96
				<i>For Full Port, Add</i>	41.73	
				<i>For Work In Restricted Working Space, Add</i>	34.52	
23 05 23 00-0107	EA			1-1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	256.06	26.58
				<i>For Full Port, Add</i>	55.49	
				<i>For Work In Restricted Working Space, Add</i>	39.83	
23 05 23 00-0108	EA			2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	357.56	31.41
				<i>For Full Port, Add</i>	90.30	
				<i>For Work In Restricted Working Space, Add</i>	47.07	
23 05 23 00-0109	EA			2-1/2" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	698.88	42.43
				<i>For Full Port, Add</i>	219.14	
				<i>For Work In Restricted Working Space, Add</i>	63.57	
23 05 23 00-0110	EA			3" Threaded Or Sweated, 3-Way, 125 Lb., Regular Port, Carbon Steel Trim, Brass Body, Ball Valve.....	1,017.80	49.27
				<i>For Full Port, Add</i>	347.98	
				<i>For Work In Restricted Working Space, Add</i>	73.35	
23 05 23 00-0111				<b>Three Piece Ball Valves</b> (23 05 23 00-0063)		
23 05 23 00-0112				<b>Threaded Or Sweated, Bronze Body, Three Piece Ball Valves</b> (23 05 23 00-0111)		
23 05 23 00-0113	EA			1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	100.97	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0114	EA			3/8" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	102.73	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.58	
23 05 23 00-0115	EA			1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	115.32	11.51
				<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0116	EA			3/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	145.99	12.66
				<i>For Work In Restricted Working Space, Add</i>	15.01	
23 05 23 00-0117	EA			1" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	186.61	14.38
				<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0118	EA			1-1/4" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	257.89	15.31
				<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0119	EA			1-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	323.07	17.72
				<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0120	EA			2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	529.59	20.94
				<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0121	EA			2-1/2" Threaded Or Sweated, Bronze Body, Three Piece Ball Valve.....	1,141.51	30.03
				<i>For Work In Restricted Working Space, Add</i>	46.01	
23 05 23 00-0122				<b>Threaded, Carbon Steel Body, Three Piece Ball Valves</b> (23 05 23 00-0111)		
23 05 23 00-0123	EA			1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	117.25	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0124	EA			3/8" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	128.44	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.58	
23 05 23 00-0125	EA			1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	136.32	11.51
				<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0126	EA			3/4" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	217.75	12.66
				<i>For Work In Restricted Working Space, Add</i>	15.01	
23 05 23 00-0127	EA			1" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	278.30	14.38
				<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0128	EA			1-1/4" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	421.80	15.31
				<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0129	EA			1-1/2" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	536.94	17.72
				<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0130	EA			2" Threaded, Carbon Steel Body, Three Piece Ball Valve.....	698.55	20.94
				<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0131				<b>Threaded, Stainless Steel Body, Three Piece Ball Valves</b> (23 05 23 00-0111)		
23 05 23 00-0132	EA			1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve.....	304.30	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0133	EA			3/8" Threaded, Stainless Steel Body, Three Piece Ball Valve.....	326.23	11.51
				<i>For Work In Restricted Working Space, Add</i>	10.58	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 05 Common Work Results for HVAC**

**23 05 23 General-Duty Valves For HVAC Piping**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0134	EA		1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	343.87 11.14	11.51
23 05 23 00-0135	EA		3/4" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	499.03 15.01	12.66
23 05 23 00-0136	EA		1" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	608.41 18.17	14.38
23 05 23 00-0137	EA		1-1/4" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	710.32 23.01	15.31
23 05 23 00-0138	EA		1-1/2" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	951.77 26.55	17.72
23 05 23 00-0139	EA		2" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	1,239.14 31.38	20.94
23 05 23 00-0140	EA		3" Threaded, Stainless Steel Body, Three Piece Ball Valve ..... <i>For Work In Restricted Working Space, Add</i>	3,262.10 53.10	35.67
<b>23 05 23 00-0141 Globe Valves (23 05 23)</b>					
<b>23 05 23 00-0142 Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valves (23 05 23 00-0141)</b>					
23 05 23 00-0143	EA		1/8" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	73.53 11.29 13.84 16.38 20.03 11.14	11.51
23 05 23 00-0144	EA		1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.91 11.29 13.84 16.38 20.03 10.05	11.51
23 05 23 00-0145	EA		3/8" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	89.61 16.85 20.65 24.46 29.89 10.58	11.51
23 05 23 00-0146	EA		1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	91.47 16.85 20.65 24.46 29.89 74.63 11.14	11.51
23 05 23 00-0147	EA		3/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	108.93 18.26 22.39 26.51 32.40 84.81 15.01	12.08
23 05 23 00-0148	EA		1" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	140.18 24.68 30.26 35.83 43.79 111.81 18.17	12.08
23 05 23 00-0149	EA		1-1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.22 42.63 52.25 61.88 75.63 181.95 23.01	15.31
23 05 23 00-0150	EA		1-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	285.04 60.92 74.68 88.44 108.09 251.59 26.55	17.72
23 05 23 00-0151	EA		2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For 600 Lb. Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add</i> <i>For Work In Restricted Working Space, Add</i>	335.64 71.62 87.80 103.97 127.07 295.98 31.38	20.94
23 05 23 00-0152	EA		2-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve ..... <i>For 150 Lb. Rating, Add</i> <i>For 200 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	374.20 72.21 88.51 104.82 128.11 42.38	28.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0153 EA 3" Threaded Or Sweated, 125 Lb., Bronze Body, Globe Valve .....	684.87	32.84
<i>For 150 Lb. Rating, Add</i>	161.78	
<i>For 200 Lb. Rating, Add</i>	198.31	
<i>For 250 Lb. Rating, Add</i>	234.84	
<i>For 300 Lb. Rating, Add</i>	287.03	
<i>For Work In Restricted Working Space, Add</i>	48.90	
<b>23 05 23 00-0154 Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves</b> <small>(23 05 23 00-0141)</small>		
23 05 23 00-0155 EA 2" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	510.52	20.94
<i>For 150 Lb. Rating, Add</i>	125.84	
<i>For 200 Lb. Rating, Add</i>	154.25	
<i>For 250 Lb. Rating, Add</i>	182.66	
<i>For 300 Lb. Rating, Add</i>	223.26	
<i>For Chain Operated Type, Add</i>	338.94	
<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0156 EA 2-1/2" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	633.29	28.29
<i>For 150 Lb. Rating, Add</i>	152.53	
<i>For 200 Lb. Rating, Add</i>	186.97	
<i>For 250 Lb. Rating, Add</i>	221.41	
<i>For 300 Lb. Rating, Add</i>	270.61	
<i>For Chain Operated Type, Add</i>	410.84	
<i>For Work In Restricted Working Space, Add</i>	42.38	
23 05 23 00-0157 EA 3" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	753.42	32.84
<i>For 150 Lb. Rating, Add</i>	183.03	
<i>For 200 Lb. Rating, Add</i>	224.36	
<i>For 250 Lb. Rating, Add</i>	265.69	
<i>For 300 Lb. Rating, Add</i>	324.73	
<i>For Chain Operated Type, Add</i>	493.00	
<i>For Work In Restricted Working Space, Add</i>	48.90	
23 05 23 00-0158 EA 4" Threaded, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	972.60	37.08
<i>For 150 Lb. Rating, Add</i>	244.04	
<i>For 200 Lb. Rating, Add</i>	299.15	
<i>For 250 Lb. Rating, Add</i>	354.25	
<i>For 300 Lb. Rating, Add</i>	432.98	
<i>For Chain Operated Type, Add</i>	657.34	
<i>For Work In Restricted Working Space, Add</i>	55.61	
<b>23 05 23 00-0159 Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valves</b> <small>(23 05 23 00-0141)</small>		
23 05 23 00-0160 EA 2" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	582.56	153.38
<i>For 150 Lb. Rating, Add</i>	121.15	
<i>For 250 Lb. Rating, Add</i>	175.86	
<i>For Chain Operated Type, Add</i>	195.40	
<i>For Work In Restricted Working Space, Add</i>	57.53	
23 05 23 00-0161 EA 2-1/2" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	669.05	153.63
<i>For 150 Lb. Rating, Add</i>	147.69	
<i>For 250 Lb. Rating, Add</i>	214.38	
<i>For Chain Operated Type, Add</i>	238.21	
<i>For Work In Restricted Working Space, Add</i>	57.79	
23 05 23 00-0162 EA 3" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	797.12	180.12
<i>For 150 Lb. Rating, Add</i>	177.22	
<i>For 250 Lb. Rating, Add</i>	257.26	
<i>For Chain Operated Type, Add</i>	285.85	
<i>For Work In Restricted Working Space, Add</i>	67.63	
23 05 23 00-0163 EA 4" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	1,140.66	301.96
<i>For 150 Lb. Rating, Add</i>	236.30	
<i>For 250 Lb. Rating, Add</i>	343.01	
<i>For Chain Operated Type, Add</i>	381.13	
<i>For Work In Restricted Working Space, Add</i>	113.52	
23 05 23 00-0164 EA 5" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	1,488.68	343.46
<i>For 150 Lb. Rating, Add</i>	328.60	
<i>For 250 Lb. Rating, Add</i>	477.00	
<i>For Chain Operated Type, Add</i>	530.01	
<i>For Work In Restricted Working Space, Add</i>	128.60	
23 05 23 00-0165 EA 6" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	1,818.64	381.63
<i>For 150 Lb. Rating, Add</i>	415.37	
<i>For 250 Lb. Rating, Add</i>	602.96	
<i>For Chain Operated Type, Add</i>	669.95	
<i>For Work In Restricted Working Space, Add</i>	143.62	
23 05 23 00-0166 EA 8" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	2,666.22	487.63
<i>For 150 Lb. Rating, Add</i>	638.75	
<i>For 250 Lb. Rating, Add</i>	927.21	
<i>For Chain Operated Type, Add</i>	1,030.24	
<i>For Work In Restricted Working Space, Add</i>	181.73	
23 05 23 00-0167 EA 10" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	3,880.38	593.64
<i>For 150 Lb. Rating, Add</i>	972.89	
<i>For 250 Lb. Rating, Add</i>	1,412.25	
<i>For Chain Operated Type, Add</i>	1,569.17	
<i>For Work In Restricted Working Space, Add</i>	222.61	
23 05 23 00-0168 EA 12" Flanged, 125 Lb., Outside Stem And Yoke, Iron Body, Globe Valve .....	6,838.04	720.84
<i>For 150 Lb. Rating, Add</i>	1,840.97	
<i>For 250 Lb. Rating, Add</i>	2,672.37	
<i>For Chain Operated Type, Add</i>	2,969.30	
<i>For Work In Restricted Working Space, Add</i>	269.83	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 23 00-0169 Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valves</b> (23 05 23 00-0141)		
23 05 23 00-0170 EA 1/8" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	64.70	11.51
For 150 Lb. Rating, Add	8.55	
For 200 Lb. Rating, Add	10.48	
For 300 Lb. Rating, Add	15.17	
For Work In Restricted Working Space, Add	11.14	
23 05 23 00-0171 EA 1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	61.08	11.51
For 150 Lb. Rating, Add	8.55	
For 200 Lb. Rating, Add	10.48	
For 300 Lb. Rating, Add	15.17	
For Work In Restricted Working Space, Add	10.05	
23 05 23 00-0172 EA 3/8" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	62.84	11.51
For 150 Lb. Rating, Add	8.55	
For 200 Lb. Rating, Add	10.48	
For 300 Lb. Rating, Add	15.17	
For Work In Restricted Working Space, Add	10.58	
23 05 23 00-0173 EA 1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	66.54	11.51
For 150 Lb. Rating, Add	9.12	
For 200 Lb. Rating, Add	11.18	
For 300 Lb. Rating, Add	16.18	
For Work In Restricted Working Space, Add	11.14	
23 05 23 00-0174 EA 3/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	90.81	12.08
For 150 Lb. Rating, Add	12.64	
For 200 Lb. Rating, Add	15.50	
For 300 Lb. Rating, Add	22.43	
For Work In Restricted Working Space, Add	15.01	
23 05 23 00-0175 EA 1" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	114.09	12.08
For 150 Lb. Rating, Add	16.59	
For 200 Lb. Rating, Add	20.34	
For 300 Lb. Rating, Add	29.44	
For Work In Restricted Working Space, Add	18.17	
23 05 23 00-0176 EA 1-1/4" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	156.23	15.31
For 150 Lb. Rating, Add	24.65	
For 200 Lb. Rating, Add	30.22	
For 300 Lb. Rating, Add	43.74	
For Work In Restricted Working Space, Add	23.01	
23 05 23 00-0177 EA 1-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	181.22	17.72
For 150 Lb. Rating, Add	28.74	
For 200 Lb. Rating, Add	35.23	
For 300 Lb. Rating, Add	50.99	
For Work In Restricted Working Space, Add	26.55	
23 05 23 00-0178 EA 2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	244.24	20.94
For 150 Lb. Rating, Add	43.29	
For 200 Lb. Rating, Add	53.06	
For 300 Lb. Rating, Add	76.80	
For Work In Restricted Working Space, Add	31.38	
23 05 23 00-0179 EA 2-1/2" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	405.30	30.72
For 150 Lb. Rating, Add	78.09	
For 200 Lb. Rating, Add	95.72	
For 300 Lb. Rating, Add	138.54	
For Work In Restricted Working Space, Add	46.02	
23 05 23 00-0180 EA 3" Threaded Or Sweated, 125 Lb., Bronze Body, Angle Globe Valve .....	603.59	35.67
For 150 Lb. Rating, Add	132.24	
For 200 Lb. Rating, Add	162.10	
For 300 Lb. Rating, Add	234.62	
For Work In Restricted Working Space, Add	53.10	
<b>23 05 23 00-0181 Flanged, 125 Lb., Iron Body, Angle Globe Valves</b> (23 05 23 00-0141)		
23 05 23 00-0182 EA 2" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	1,197.23	153.38
For 250 Lb. Rating, Add	603.28	
For Chain Operated Type, Add	392.13	
For Work In Restricted Working Space, Add	57.53	
23 05 23 00-0183 EA 2-1/2" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	1,381.78	153.63
For 250 Lb. Rating, Add	713.48	
For Chain Operated Type, Add	463.76	
For Work In Restricted Working Space, Add	57.79	
23 05 23 00-0184 EA 3" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	1,626.74	180.12
For 250 Lb. Rating, Add	840.79	
For Chain Operated Type, Add	546.51	
For Work In Restricted Working Space, Add	67.63	
23 05 23 00-0185 EA 4" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	2,379.89	301.96
For 250 Lb. Rating, Add	1,200.89	
For Chain Operated Type, Add	780.58	
For Work In Restricted Working Space, Add	113.52	
23 05 23 00-0186 EA 5" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	4,015.69	343.46
For 250 Lb. Rating, Add	2,152.21	
For Chain Operated Type, Add	1,398.94	
For Work In Restricted Working Space, Add	128.60	
23 05 23 00-0187 EA 6" Flanged, 125 Lb., Iron Body, Angle Globe Valve .....	4,065.76	381.63
For 250 Lb. Rating, Add	2,152.21	
For Chain Operated Type, Add	1,398.94	
For Work In Restricted Working Space, Add	143.62	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0188	EA			8" Flanged, 125 Lb., Iron Body, Angle Globe Valve..... <i>For 250 Lb. Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,626.27 4,212.31 2,738.00 181.73	487.63
<b>23 05 23 00-0189</b>				<b>Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves</b> <small>(23 05 23 00-0141)</small> Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0190	EA			1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	209.91 10.05	18.64
23 05 23 00-0191	EA			1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	213.53 11.14	18.64
23 05 23 00-0192	EA			3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	250.71 15.01	25.08
23 05 23 00-0193	EA			1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	309.80 18.17	30.26
23 05 23 00-0194	EA			1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	503.98 23.01	38.31
23 05 23 00-0195	EA			1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	604.80 26.55	44.29
23 05 23 00-0196	EA			2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve..... <i>For Work In Restricted Working Space, Add</i>	769.79 31.38	52.35
<b>23 05 23 00-0197</b>				<b>Triple Duty Valves</b> <small>(23 05 23)</small> Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
<b>23 05 23 00-0198</b>				<b>Straight Pattern, Triple Duty Valves</b> <small>(23 05 23 00-0197)</small> Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0199	EA			1" Threaded, Straight Pattern, Triple Duty Valve.....	306.38	12.08
23 05 23 00-0200	EA			1-1/4" Threaded, Straight Pattern, Triple Duty Valve.....	354.97	15.31
23 05 23 00-0201	EA			1-1/2" Threaded, Straight Pattern, Triple Duty Valve.....	385.37	17.72
23 05 23 00-0202	EA			2" Flanged, Straight Pattern, Triple Duty Valve.....	998.94	153.38
23 05 23 00-0203	EA			2-1/2" Flanged, Straight Pattern, Triple Duty Valve.....	1,125.07	153.63
23 05 23 00-0204	EA			3" Flanged, Straight Pattern, Triple Duty Valve.....	1,232.08	180.12
23 05 23 00-0205	EA			4" Flanged, Straight Pattern, Triple Duty Valve.....	2,521.61	301.96
23 05 23 00-0206	EA			5" Flanged, Straight Pattern Triple Duty Valve.....	2,956.90	343.46
23 05 23 00-0207	EA			6" Flanged, Straight Pattern, Triple Duty Valve.....	3,930.13	381.63
23 05 23 00-0208	EA			8" Flanged, Straight Pattern, Triple Duty Valve.....	5,291.10	487.63
23 05 23 00-0209	EA			10" Flanged, Straight Pattern, Triple Duty Valve.....	8,479.83	593.64
<b>23 05 23 00-0210</b>				<b>Flanged, Angle Pattern, Triple Duty Valves</b> <small>(23 05 23 00-0197)</small> Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0211	EA			2" Flanged, Angle Pattern, Triple Duty Valve.....	975.74	153.38
23 05 23 00-0212	EA			2-1/2" Flanged, Angle Pattern, Triple Duty Valve.....	1,097.24	153.63
23 05 23 00-0213	EA			3" Flanged, Angle Pattern, Triple Duty Valve.....	1,208.89	180.12
23 05 23 00-0214	EA			4" Flanged, Angle Pattern, Triple Duty Valve.....	2,461.30	301.96
23 05 23 00-0215	EA			5" Flanged, Angle Pattern, Triple Duty Valve.....	2,882.68	343.46
23 05 23 00-0216	EA			6" Flanged, Angle Pattern, Triple Duty Valve.....	3,234.28	381.63
23 05 23 00-0217	EA			8" Flanged, Angle Pattern, Triple Duty Valve.....	4,961.73	487.63
23 05 23 00-0218	EA			10" Flanged, Angle Pattern, Triple Duty Valve.....	6,628.88	593.64
<b>23 05 23 00-0219</b>				<b>Balanced, Straight Pattern, Triple Duty Valves</b> <small>(23 05 23 00-0197)</small> Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0220	EA			3" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,130.03	180.12
23 05 23 00-0221	EA			4" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,252.55	301.96
23 05 23 00-0222	EA			5" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,646.09	343.46
23 05 23 00-0223	EA			6" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	3,507.98	381.63
23 05 23 00-0224	EA			8" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	4,715.87	487.63
23 05 23 00-0225	EA			10" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	7,519.56	593.64
23 05 23 00-0226	EA			12" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	11,309.47	720.84
23 05 23 00-0227	EA			14" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	13,744.72	848.04
23 05 23 00-0228	EA			16" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	17,213.16	932.86
<b>23 05 23 00-0229</b>				<b>Grooved Straight Pattern, Triple Duty Valves</b> <small>(23 05 23 00-0197)</small> Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0230	EA			2" Grooved, Straight Pattern, Triple Duty Valve.....	1,062.57	28.42
23 05 23 00-0231	EA			2-1/2" Grooved, Straight Pattern, Triple Duty Valve.....	1,266.59	33.91
23 05 23 00-0232	EA			3" Grooved, Straight Pattern, Triple Duty Valve.....	1,474.62	36.76
23 05 23 00-0233	EA			4" Grooved, Straight Pattern, Triple Duty Valve.....	2,448.92	39.62
23 05 23 00-0234	EA			5" Grooved, Straight Pattern, Triple Duty Valve.....	2,840.75	54.06
23 05 23 00-0235	EA			6" Grooved, Straight Pattern Triple Duty Valve.....	3,787.21	69.33
23 05 23 00-0236	EA			8" Grooved, Straight Pattern Triple Duty Valve.....	5,150.80	87.99
23 05 23 00-0237	EA			10" Grooved, Straight Pattern Triple Duty Valve.....	8,127.42	98.58
23 05 23 00-0238	EA			12" Grooved, Straight Pattern Triple Duty Valve.....	12,903.52	120.21
<b>23 05 23 00-0239</b>				<b>Plug Valves</b> <small>(23 05 23)</small>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0240			<b>Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated</b> (23 05 23 00-0239) Note: Includes wrench.		
23 05 23 00-0241	EA		1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	295.16	11.51
23 05 23 00-0242	EA		3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	308.06	12.66
23 05 23 00-0243	EA		1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	389.69	14.38
23 05 23 00-0244	EA		1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	466.40	15.31
23 05 23 00-0245	EA		1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	512.43	17.72
23 05 23 00-0246	EA		2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	604.87	20.94
23 05 23 00-0247	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	907.48	28.29
23 05 23 00-0248	EA		3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	1,110.89	32.84
23 05 23 00-0249			<b>Plug Valves, Lubricated, Semisteel Flanged</b> (23 05 23 00-0239) Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0250	EA		2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	609.09	153.38
23 05 23 00-0251	EA		2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	742.36	153.63
23 05 23 00-0252	EA		3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	916.18	180.12
23 05 23 00-0253	EA		4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,313.80	301.96
23 05 23 00-0254	EA		6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	2,974.07	381.63
23 05 23 00-0255	EA		8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	5,101.38	487.63
23 05 23 00-0256	EA		10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	8,233.80	593.64
23 05 23 00-0257	EA		12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	12,270.91	720.84
23 05 23 00-0258			<b>Plug Valves, Forged Steel, Screwed</b> (23 05 23 00-0239)		
23 05 23 00-0259	EA		1/2" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	1,140.84	11.51
23 05 23 00-0260	EA		3/4" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	1,347.66	12.66
23 05 23 00-0261	EA		1" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	1,523.40	14.38
23 05 23 00-0262	EA		1-1/4" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	1,827.65	15.31
23 05 23 00-0263	EA		1-1/2" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	2,128.35	17.72
23 05 23 00-0264	EA		2" Plug Valve, 1,500 Lb., Forged Steel, Screwed.....	2,800.44	20.94
23 05 23 00-0265			<b>Plug Valves, Eccentric, Cast Iron Flanged</b> (23 05 23 00-0239)		
23 05 23 00-0266	EA		4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,183.21	301.96
23 05 23 00-0267	EA		6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,858.78	381.63
23 05 23 00-0268	EA		8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,529.37	487.63
23 05 23 00-0269	EA		10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	3,589.21	593.64
23 05 23 00-0270	EA		12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	4,635.84	720.84
23 05 23 00-0271			<b>Foot Valves</b> (23 05 23)		
23 05 23 00-0272			<b>Single Poppet Foot Valves, Metal To Metal Seat Construction</b> (23 05 23 00-0271)		
23 05 23 00-0273	EA		1" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	95.80	28.81
23 05 23 00-0274	EA		1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	109.01	32.26
23 05 23 00-0275	EA		1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	140.09	36.88
23 05 23 00-0276	EA		2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	184.78	41.49
23 05 23 00-0277	EA		2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	423.14	67.99
23 05 23 00-0278	EA		3" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	541.33	82.97
23 05 23 00-0279			<b>Double Poppet Foot Valves, Metal To Metal Seat Construction</b> (23 05 23 00-0271)		
23 05 23 00-0280	EA		1" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	95.80	28.81
23 05 23 00-0281	EA		1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	207.12	32.26
23 05 23 00-0282	EA		1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	196.69	36.88
23 05 23 00-0283	EA		2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	267.75	41.49
23 05 23 00-0284	EA		3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	526.02	67.99
23 05 23 00-0285	EA		4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	715.89	81.83
23 05 23 00-0286			<b>Float Valves</b> (23 05 23)		
23 05 23 00-0287			<b>Float Valve Assembly For Maintaining Liquid Level In Tanks</b> (23 05 23 00-0286)		
23 05 23 00-0288			<b>Single Seat, Bronze Construction</b> (23 05 23 00-0287) Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0289	EA		Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve.....	225.69	24.17
23 05 23 00-0290	EA		Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve.....	258.63	28.77
23 05 23 00-0291	EA		Inlet Size 1", Maximum PSI 100, Single Seat Float Valve.....	336.08	31.06
23 05 23 00-0292	EA		Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve.....	561.70	39.12
23 05 23 00-0293	EA		Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve.....	573.20	44.87
23 05 23 00-0294			<b>Double Seat, Bronze Construction</b> (23 05 23 00-0287) Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0295	EA		Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	1,218.73	24.17
23 05 23 00-0296	EA		Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	1,227.94	28.77
23 05 23 00-0297	EA		Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	1,417.60	31.06
23 05 23 00-0298	EA		Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve.....	1,566.71	39.12
23 05 23 00-0299	EA		Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve.....	1,791.01	44.87





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 05 23	00-0300	EA	Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	2,349.77	52.92
	23 05 23	00-0301	EA	Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve .....	2,731.79	70.99
	23 05 23	00-0302	EA	Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	3,286.04	81.58
<b>23 05 23 00-0303</b>				<b>Float Valve Single Seated Balanced For Air Oil Or Water</b> (23 05 23 00-0286) Note: Includes arm, ball and bracket.		
<b>23 05 23 00-0304</b>				<b>Brass Body Threaded Ends</b> (23 05 23 00-0303)		
	23 05 23	00-0305	EA	1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	237.25	31.18
	23 05 23	00-0306	EA	3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	268.25	34.63
	23 05 23	00-0307	EA	1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	332.53	38.31
	23 05 23	00-0308	EA	1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket .....	531.49	61.90
	23 05 23	00-0309	EA	1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket .....	556.34	70.53
	23 05 23	00-0310	EA	2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	625.93	87.44
<b>23 05 23 00-0311</b>				<b>Cast Iron Body Flanged</b> (23 05 23 00-0303)		
	23 05 23	00-0312	EA	2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	7,672.10	153.63
	23 05 23	00-0313	EA	3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	9,277.01	180.12
<b>23 05 23 00-0314</b>				<b>Float Operated Valves</b> (23 05 23 00-0286)		
<b>23 05 23 00-0315</b>				<b>For Condensate Receivers Tanks And Vessels</b> (23 05 23 00-0314) Note: Cast iron body, self-contained, float in-line mount.		
	23 05 23	00-0316	EA	1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	852.78	54.07
<b>23 05 23 00-0317</b>				<b>For Condensate Receivers Tanks And Vessels</b> (23 05 23 00-0314) Note: Cast iron body, external float tank mount, flanged.		
	23 05 23	00-0318	EA	3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	1,071.65	100.65
<b>23 05 23 00-0319</b>				<b>Needle Valves</b> (23 05 23)		
<b>23 05 23 00-0320</b>				<b>Bronze Needle Valve</b> (23 05 23 00-0319) Note: For heating and cooling applications.		
	23 05 23	00-0321	EA	1/4" Needle Valve, Bronze.....	117.34	11.51
	23 05 23	00-0322	EA	3/8" Needle Valve, Bronze.....	130.92	11.51
	23 05 23	00-0323	EA	1/2" Needle Valve, Bronze.....	143.26	11.51
	23 05 23	00-0324	EA	3/4" Needle Valve, Bronze.....	217.66	12.66
	23 05 23	00-0325	EA	1" Needle Valve, Bronze.....	334.01	14.38
<b>23 05 23 00-0326</b>				<b>Eccentric Valves With Taps</b> (23 05 23)		
<b>23 05 23 00-0327</b>				<b>Screwed Eccentric Valves With Taps</b> (23 05 23 00-0326)		
	23 05 23	00-0328	EA	1/2" Diameter Eccentric Valves With Taps, Screwed.....	472.64	11.51
	23 05 23	00-0329	EA	3/4" Diameter Eccentric Valves With Taps, Screwed.....	492.24	12.66
	23 05 23	00-0330	EA	1" Diameter Eccentric Valves With Taps, Screwed .....	623.39	14.38
	23 05 23	00-0331	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed .....	753.44	15.31
	23 05 23	00-0332	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed .....	818.84	17.72
	23 05 23	00-0333	EA	2" Diameter Eccentric Valves With Taps, Screwed .....	962.24	20.94
	23 05 23	00-0334	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed .....	1,467.93	28.29
	23 05 23	00-0335	EA	3" Diameter Eccentric Valves With Taps, Screwed .....	1,791.18	32.84
<b>23 05 23 00-0336</b>				<b>Flanged Eccentric Valves With Taps</b> (23 05 23 00-0326)		
	23 05 23	00-0337	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged .....	1,767.22	153.63
	23 05 23	00-0338	EA	3" Diameter Eccentric Valves With Taps, Flanged.....	2,101.52	180.12
	23 05 23	00-0339	EA	4" Diameter Eccentric Valves With Taps, Flanged.....	2,757.02	301.96
	23 05 23	00-0340	EA	5" Diameter Eccentric Valves With Taps, Flanged.....	3,778.83	343.46
	23 05 23	00-0341	EA	6" Diameter Eccentric Valves With Taps, Flanged.....	4,833.95	381.63
	23 05 23	00-0342	EA	8" Diameter Eccentric Valves With Taps, Flanged.....	8,478.63	487.63
	23 05 23	00-0343	EA	10" Diameter Eccentric Valves With Taps, Flanged.....	11,965.08	593.64
	23 05 23	00-0344	EA	12" Diameter Eccentric Valves With Taps, Flanged.....	20,832.89	720.84
<b>23 05 23 00-0345</b>				<b>Check Valves</b> (23 05 23)		
<b>23 05 23 00-0346</b>				<b>Iron Body Wafer Type Check Valve</b> (23 05 23 00-0345)		
<b>23 05 23 00-0347</b>				<b>Single Disk Type</b> (23 05 23 00-0346)		
	23 05 23	00-0348	EA	2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	475.58	153.62
				For 150 Lb. Rating, Add	59.54	
				For 200 Lb. Rating, Add	70.88	
				For 300 Lb. Rating, Add	85.05	
				For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add	165.99	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0349	EA		2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	564.42	153.91
			<i>For 150 Lb. Rating, Add</i>	78.00	
			<i>For 200 Lb. Rating, Add</i>	92.86	
			<i>For 300 Lb. Rating, Add</i>	111.43	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	205.74	
23 05 23 00-0350	EA		3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	695.32	180.44
			<i>For 150 Lb. Rating, Add</i>	98.60	
			<i>For 200 Lb. Rating, Add</i>	117.38	
			<i>For 300 Lb. Rating, Add</i>	140.85	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	256.44	
23 05 23 00-0351	EA		4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	1,014.97	302.50
			<i>For 150 Lb. Rating, Add</i>	133.54	
			<i>For 200 Lb. Rating, Add</i>	158.98	
			<i>For 300 Lb. Rating, Add</i>	190.77	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	361.97	
23 05 23 00-0352	EA		6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	1,526.73	424.56
			<i>For 150 Lb. Rating, Add</i>	209.17	
			<i>For 200 Lb. Rating, Add</i>	249.01	
			<i>For 300 Lb. Rating, Add</i>	298.81	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	554.36	
23 05 23 00-0353	EA		8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	2,136.63	488.24
			<i>For 150 Lb. Rating, Add</i>	320.99	
			<i>For 200 Lb. Rating, Add</i>	382.14	
			<i>For 300 Lb. Rating, Add</i>	458.56	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	809.46	
23 05 23 00-0354	EA		10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 Lb.....	3,189.79	594.38
			<i>For 150 Lb. Rating, Add</i>	512.69	
			<i>For 200 Lb. Rating, Add</i>	610.35	
			<i>For 300 Lb. Rating, Add</i>	732.41	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	1,248.30	
<b>23 05 23 00-0355</b>			<b>Twin Disc Type</b> <small>(23 05 23 00-0346)</small>		
23 05 23 00-0356	EA		2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	648.97	153.62
			<i>For 150 Lb. Rating, Add</i>	95.95	
			<i>For 200 Lb. Rating, Add</i>	114.22	
			<i>For 300 Lb. Rating, Add</i>	137.07	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	244.02	
23 05 23 00-0357	EA		2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	741.30	153.91
			<i>For 150 Lb. Rating, Add</i>	115.15	
			<i>For 200 Lb. Rating, Add</i>	137.08	
			<i>For 300 Lb. Rating, Add</i>	164.50	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	285.34	
23 05 23 00-0358	EA		3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	865.58	180.44
			<i>For 150 Lb. Rating, Add</i>	134.35	
			<i>For 200 Lb. Rating, Add</i>	159.94	
			<i>For 300 Lb. Rating, Add</i>	191.93	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	333.06	
23 05 23 00-0359	EA		4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	1,191.52	302.50
			<i>For 150 Lb. Rating, Add</i>	170.61	
			<i>For 200 Lb. Rating, Add</i>	203.11	
			<i>For 300 Lb. Rating, Add</i>	243.74	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	441.42	
23 05 23 00-0360	EA		6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	1,840.79	424.56
			<i>For 150 Lb. Rating, Add</i>	275.12	
			<i>For 200 Lb. Rating, Add</i>	327.53	
			<i>For 300 Lb. Rating, Add</i>	393.03	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	695.68	
23 05 23 00-0361	EA		8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	2,607.26	488.24
			<i>For 150 Lb. Rating, Add</i>	420.16	
			<i>For 200 Lb. Rating, Add</i>	500.19	
			<i>For 300 Lb. Rating, Add</i>	600.23	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	1,021.64	
23 05 23 00-0362	EA		10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	3,911.85	583.76
			<i>For 150 Lb. Rating, Add</i>	665.40	
			<i>For 200 Lb. Rating, Add</i>	792.15	
			<i>For 300 Lb. Rating, Add</i>	950.57	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	1,574.52	
23 05 23 00-0363	EA		12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	5,144.70	721.74
			<i>For 150 Lb. Rating, Add</i>	891.49	
			<i>For 200 Lb. Rating, Add</i>	1,061.30	
			<i>For 300 Lb. Rating, Add</i>	1,273.56	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	2,090.24	
23 05 23 00-0364	EA		14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	9,767.77	851.49
			<i>For 150 Lb. Rating, Add</i>	1,812.82	
			<i>For 200 Lb. Rating, Add</i>	2,158.12	
			<i>For 300 Lb. Rating, Add</i>	2,589.74	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	4,111.67	
23 05 23 00-0365	EA		16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb.....	13,435.87	999.08
			<i>For 150 Lb. Rating, Add</i>	2,559.27	
			<i>For 200 Lb. Rating, Add</i>	3,046.76	
			<i>For 300 Lb. Rating, Add</i>	3,656.11	
			<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	5,733.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0366 EA 18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb. ....	17,934.48	1,112.61
<i>For 150 Lb. Rating, Add</i>	3,474.84	
<i>For 200 Lb. Rating, Add</i>	4,136.72	
<i>For 300 Lb. Rating, Add</i>	4,964.06	
<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	7,723.61	
23 05 23 00-0367 EA 20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb. ....	21,349.06	1,248.85
<i>For 150 Lb. Rating, Add</i>	4,155.48	
<i>For 200 Lb. Rating, Add</i>	4,947.00	
<i>For 300 Lb. Rating, Add</i>	5,936.40	
<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	9,216.81	
23 05 23 00-0368 EA 24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 Lb. ....	27,922.05	1,532.67
<i>For 150 Lb. Rating, Add</i>	5,460.16	
<i>For 200 Lb. Rating, Add</i>	6,500.19	
<i>For 300 Lb. Rating, Add</i>	7,800.23	
<i>For 300 Lb. Rating, Cast Steel, Weld End, Wedge, Add</i>	12,084.60	
<b>23 05 23 00-0369 Bronze Body Swing Check Valves (23 05 23 00-0345)</b>		
<b>23 05 23 00-0370 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 Lb., Swing Check Valves (23 05 23 00-0369)</b>		
23 05 23 00-0371 EA 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	81.99	11.51
<i>For 300 Lb. Rating, Add</i>	17.50	
<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0372 EA 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	78.37	11.51
<i>For 300 Lb. Rating, Add</i>	17.50	
<i>For Work In Restricted Working Space, Add</i>	10.05	
23 05 23 00-0373 EA 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	80.13	11.51
<i>For 300 Lb. Rating, Add</i>	17.50	
<i>For Work In Restricted Working Space, Add</i>	10.58	
23 05 23 00-0374 EA 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	83.74	11.51
<i>For 300 Lb. Rating, Add</i>	18.18	
<i>For Work In Restricted Working Space, Add</i>	11.14	
23 05 23 00-0375 EA 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	106.51	12.08
<i>For 300 Lb. Rating, Add</i>	22.03	
<i>For Work In Restricted Working Space, Add</i>	15.01	
23 05 23 00-0376 EA 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	137.27	12.08
<i>For 300 Lb. Rating, Add</i>	29.92	
<i>For Work In Restricted Working Space, Add</i>	18.17	
23 05 23 00-0377 EA 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	184.38	15.31
<i>For 300 Lb. Rating, Add</i>	41.99	
<i>For Work In Restricted Working Space, Add</i>	23.01	
23 05 23 00-0378 EA 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	239.29	17.72
<i>For 300 Lb. Rating, Add</i>	58.80	
<i>For Work In Restricted Working Space, Add</i>	26.55	
23 05 23 00-0379 EA 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	298.46	20.94
<i>For 300 Lb. Rating, Add</i>	75.61	
<i>For Work In Restricted Working Space, Add</i>	31.38	
23 05 23 00-0380 EA 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	586.92	28.29
<i>For 300 Lb. Rating, Add</i>	173.80	
<i>For Work In Restricted Working Space, Add</i>	42.38	
23 05 23 00-0381 EA 3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	796.82	32.84
<i>For 300 Lb. Rating, Add</i>	247.19	
<i>For Work In Restricted Working Space, Add</i>	48.90	
23 05 23 00-0382 EA 4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 Lb. ....	902.66	37.08
<i>For 300 Lb. Rating, Add</i>	279.72	
<i>For Work In Restricted Working Space, Add</i>	55.63	
<b>23 05 23 00-0383 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves (23 05 23 00-0345)</b>		
23 05 23 00-0384 EA 1" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	520.26	86.29
<i>For 150 Lb. Rating, Add</i>	279.96	
<i>For 250 Lb. Rating, Add</i>	535.22	
<i>For Work In Restricted Working Space, Add</i>	32.57	
23 05 23 00-0385 EA 1-1/4" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	578.64	100.67
<i>For 150 Lb. Rating, Add</i>	308.43	
<i>For 250 Lb. Rating, Add</i>	589.65	
<i>For Work In Restricted Working Space, Add</i>	37.52	
23 05 23 00-0386 EA 1-1/2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	643.35	120.81
<i>For 150 Lb. Rating, Add</i>	334.53	
<i>For 250 Lb. Rating, Add</i>	639.55	
<i>For Work In Restricted Working Space, Add</i>	45.42	
23 05 23 00-0387 EA 2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	802.77	153.38
<i>For 150 Lb. Rating, Add</i>	415.49	
<i>For 250 Lb. Rating, Add</i>	794.31	
<i>For Work In Restricted Working Space, Add</i>	57.53	
23 05 23 00-0388 EA 2-1/2" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	905.72	153.63
<i>For 150 Lb. Rating, Add</i>	484.89	
<i>For 250 Lb. Rating, Add</i>	927.00	
<i>For Work In Restricted Working Space, Add</i>	57.79	
23 05 23 00-0389 EA 3" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ....	1,000.34	180.12
<i>For 150 Lb. Rating, Add</i>	526.94	
<i>For 250 Lb. Rating, Add</i>	1,007.38	
<i>For Work In Restricted Working Space, Add</i>	67.63	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 05 Common Work Results for HVAC**

**23 05 23 General-Duty Valves For HVAC Piping**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 23 00-0390	EA 4" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,575.98 814.35 1,556.84 113.52	301.96
23 05 23 00-0391	EA 5" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,186.94 1,195.62 2,285.75 128.60	343.46
23 05 23 00-0392	EA 6" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,517.37 1,386.27 2,650.22 143.62	381.63
23 05 23 00-0393	EA 8" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,695.46 3,461.00 6,616.62 181.73	487.63
23 05 23 00-0394	EA 10" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,670.22 4,711.16 9,006.63 222.61	593.64
23 05 23 00-0395	EA 12" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	11,703.61 7,346.84 14,045.42 269.83	720.84
23 05 23 00-0396	EA 14" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	13,505.60 8,317.62 15,901.34 382.14	1,019.04
23 05 23 00-0397	EA 16" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	19,216.71 12,114.56 23,160.19 420.35	1,120.94
23 05 23 00-0398	EA 18" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	29,555.04 19,040.69 36,401.31 466.21	1,243.22
23 05 23 00-0399	EA 20" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	40,724.18 26,501.44 50,664.52 525.44	1,401.18
23 05 23 00-0400	EA 24" 125 Lb. Flanged, Iron Body, Bronze Trim, Swing Check Valves ..... <i>For 150 Lb. Rating, Add</i> <i>For 250 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	56,708.88 37,100.36 70,927.16 644.86	1,719.63
23 05 23 00-0401	<b>Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves</b> (23 05 23 00-0345) Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0402	EA 1/2" Class 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	192.49 11.14	11.51
23 05 23 00-0403	EA 3/4" 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	226.43 15.01	12.66
23 05 23 00-0404	EA 1" Class 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	267.72 18.17	14.38
23 05 23 00-0405	EA 1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	415.51 23.01	15.31
23 05 23 00-0406	EA 1-1/2" 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	493.13 26.55	17.72
23 05 23 00-0407	EA 2" Class 800, Threaded, Forged Steel Swing Check Valve ..... <i>For Work In Restricted Working Space, Add</i>	667.83 31.38	20.94
23 05 23 00-0408	<b>Plastic Check Valve</b> (23 05 23 00-0345)		
23 05 23 00-0409	<b>Swing Check Valves, 150 Lb. Polyvinyl Chloride (PVC) Socket Weld End Connections</b> (23 05 23 00-0408)		
23 05 23 00-0410	EA 1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	83.71 11.14	11.51
23 05 23 00-0411	EA 3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	96.61 15.01	12.66
23 05 23 00-0412	EA 1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	108.98 18.17	14.38
23 05 23 00-0413	EA 1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	127.14 23.01	15.31
23 05 23 00-0414	EA 1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	141.86 26.55	17.72
23 05 23 00-0415	EA 2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	187.54 31.38	20.94
23 05 23 00-0416	EA 2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	259.35 42.38	28.29
23 05 23 00-0417	EA 3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 Lb. .... <i>For Work In Restricted Working Space, Add</i>	316.23 48.90	32.84



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0418				Diaphragm Valves <small>(23 05 23)</small>		
23 05 23 00-0419				Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0418)</small>		
23 05 23 00-0420	EA			1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	284.50	34.43
23 05 23 00-0421	EA			3/4" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	365.77	38.14
23 05 23 00-0422	EA			1" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	395.58	47.15
23 05 23 00-0423	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	628.76	70.46
23 05 23 00-0424	EA			2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	1,017.50	84.76
23 05 23 00-0425				Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0418)</small>		
23 05 23 00-0426	EA			1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	375.21	55.23
23 05 23 00-0427	EA			3/4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	439.04	57.53
23 05 23 00-0428	EA			1" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	515.52	86.29
23 05 23 00-0429	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	784.43	120.81
23 05 23 00-0430	EA			2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	1,264.09	153.38
23 05 23 00-0431	EA			2-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	1,631.60	153.63
23 05 23 00-0432	EA			3" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	2,030.94	180.12
23 05 23 00-0433	EA			4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	2,856.95	301.96
23 05 23 00-0434	EA			6" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	6,031.57	381.63
23 05 23 00-0435	EA			8" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated .....	9,411.18	487.63
23 05 23 00-0436				Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0418)</small>		
23 05 23 00-0437	EA			1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	172.23	34.43
23 05 23 00-0438	EA			3/4" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	226.89	38.14
23 05 23 00-0439	EA			1" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	256.70	47.15
23 05 23 00-0440	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	439.64	70.46
23 05 23 00-0441	EA			2" Diaphragm Valve, Cast Iron, 150 Lb., Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	577.23	84.76
23 05 23 00-0442				Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0418)</small>		
23 05 23 00-0443	EA			1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	246.68	55.23
23 05 23 00-0444	EA			3/4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	287.26	57.53
23 05 23 00-0445	EA			1" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	363.72	86.29
23 05 23 00-0446	EA			1-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	577.74	120.81
23 05 23 00-0447	EA			2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	782.82	153.38
23 05 23 00-0448	EA			2-1/2" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	963.26	153.63
23 05 23 00-0449	EA			3" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	1,175.03	180.12
23 05 23 00-0450	EA			4" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	1,848.02	301.96
23 05 23 00-0451	EA			6" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	3,771.21	381.63
23 05 23 00-0452	EA			8" Diaphragm Valve, Cast Iron, 150 Lb., Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated .....	5,826.05	487.63
23 05 23 00-0453				125 Lb., Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0418)</small>		
23 05 23 00-0454	EA			1" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	469.80	86.29
23 05 23 00-0455	EA			1-1/2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	767.64	120.81

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 23 00-0456	EA	2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	1,036.43	153.38
23 05 23 00-0457	EA	2-1/2" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	1,510.10	153.63
23 05 23 00-0458	EA	3" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	1,665.06	180.12
23 05 23 00-0459	EA	4" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	2,604.27	301.96
23 05 23 00-0460	EA	6" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	5,312.94	381.63
23 05 23 00-0461	EA	8" Diameter, 125 Lb., Flanged, Cast Iron, Diaphragm Valve .....	11,134.69	487.63

**23 05 23 00-0462 Solenoid Valves** (23 05 23)**23 05 23 00-0463 Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure** (23 05 23 00-0462)

23 05 23 00-0464	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Water .....	135.41	11.51
23 05 23 00-0465	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	157.28	11.51
23 05 23 00-0466	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Water .....	201.13	12.66
23 05 23 00-0467	EA	1" Solenoid Valve, Bronze, 150 PSI, Water .....	297.24	14.38
23 05 23 00-0468	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	525.45	17.72
23 05 23 00-0469	EA	2" Solenoid Valve, Bronze, 150 PSI, Water .....	825.00	20.94
23 05 23 00-0470	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Water .....	1,123.77	28.29
23 05 23 00-0471	EA	3" Solenoid Valve, Bronze, 150 PSI, Water .....	1,632.96	32.84

**23 05 23 00-0472 Flow Control Valves And Meters** (23 05 23)**23 05 23 00-0473 Conditioned Water Balancing Valves** (23 05 23 00-0472)

Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.

23 05 23 00-0474	EA	1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	172.15	58.78
23 05 23 00-0475	EA	3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	205.86	78.37
23 05 23 00-0476	EA	1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,356.06	89.54
23 05 23 00-0477	EA	1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,459.11	110.64
23 05 23 00-0478	EA	1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,562.38	117.55
23 05 23 00-0479	EA	2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	1,670.73	134.38
23 05 23 00-0480	EA	2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	2,967.04	233.93
23 05 23 00-0481	EA	3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	2,857.77	267.36
23 05 23 00-0482	EA	3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	2,575.30	180.44
23 05 23 00-0483	EA	4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	3,575.71	302.50
23 05 23 00-0484	EA	6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	5,575.54	382.10
23 05 23 00-0485	EA	8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	7,521.69	488.24
23 05 23 00-0486	EA	10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG .....	10,740.40	594.38

**23 05 23 00-0487 Read Out Meters** (23 05 23 00-0472)

Note: For use with conditioned portable water balancing valves.

23 05 23 00-0488	EA	0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	1,338.74	
23 05 23 00-0489	EA	0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	1,811.71	
23 05 23 00-0490	EA	0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	1,811.71	
23 05 23 00-0491	EA	0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve .....	1,811.71	

**23 05 23 00-0492 Butterfly Valves** (23 05 23)**23 05 23 00-0493 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves** (23 05 23 00-0492)

Note: With on-off handle

23 05 23 00-0494	EA	2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	429.38	153.38
		For 200 PSI, Add	114.06	
		For Work In Restricted Working Space, Add	57.53	
23 05 23 00-0495	EA	2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	444.07	153.63
		For 200 PSI, Add	120.69	
		For Work In Restricted Working Space, Add	57.79	
23 05 23 00-0496	EA	3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	496.20	180.12
		For 200 PSI, Add	129.97	
		For Work In Restricted Working Space, Add	67.63	
23 05 23 00-0497	EA	4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	718.26	301.96
		For 200 PSI, Add	163.13	
		For Work In Restricted Working Space, Add	113.52	
23 05 23 00-0498	EA	5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	962.26	381.63
		For 200 PSI, Add	232.09	
		For Work In Restricted Working Space, Add	143.62	
23 05 23 00-0499	EA	6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	1,121.31	424.02
		For 200 PSI, Add	283.81	
		For Work In Restricted Working Space, Add	159.01	
23 05 23 00-0500	EA	8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	1,495.44	487.63
		For 200 PSI, Add	427.05	
		For Work In Restricted Working Space, Add	181.73	
23 05 23 00-0501	EA	10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	2,466.15	593.64
		For 200 PSI, Add	827.57	
		For Work In Restricted Working Space, Add	222.61	
23 05 23 00-0502	EA	12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type .....	3,096.02	720.84
		For 200 PSI, Add	1,054.36	
		For Work In Restricted Working Space, Add	269.83	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 23 00-0503 Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valves</b> <small>(23 05 23 00-0492)</small>		
23 05 23 00-0504 EA 2" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	843.83	153.38
<i>For Work In Restricted Working Space, Add</i>	<i>57.53</i>	
23 05 23 00-0505 EA 2-1/2" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	850.23	153.63
<i>For Work In Restricted Working Space, Add</i>	<i>57.79</i>	
23 05 23 00-0506 EA 3" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	916.18	180.12
<i>For Work In Restricted Working Space, Add</i>	<i>67.63</i>	
23 05 23 00-0507 EA 4" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	1,157.58	301.96
<i>For Work In Restricted Working Space, Add</i>	<i>113.52</i>	
23 05 23 00-0508 EA 5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,448.55	381.63
<i>For Work In Restricted Working Space, Add</i>	<i>143.62</i>	
23 05 23 00-0509 EA 6" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	1,604.68	424.02
<i>For Work In Restricted Working Space, Add</i>	<i>159.01</i>	
23 05 23 00-0510 EA 8" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	1,998.30	487.63
<i>For Work In Restricted Working Space, Add</i>	<i>181.73</i>	
23 05 23 00-0511 EA 10" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	2,540.75	593.64
<i>For Work In Restricted Working Space, Add</i>	<i>222.61</i>	
23 05 23 00-0512 EA 12" Cast Iron Body, Bronze Disc, Gear Operated, 200 Lb., Lug Type, Butterfly Valve.....	3,513.24	720.84
<i>For Work In Restricted Working Space, Add</i>	<i>269.83</i>	
<b>23 05 23 00-0513 Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valves</b> <small>(23 05 23 00-0492)</small>		
23 05 23 00-0514 EA 14" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	5,939.74	955.34
<i>For 200 PSI, Add</i>	<i>1,679.74</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>382.14</i>	
23 05 23 00-0515 EA 16" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	7,669.80	1,120.94
<i>For 200 PSI, Add</i>	<i>2,256.70</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>420.35</i>	
23 05 23 00-0516 EA 18" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	10,870.47	1,248.32
<i>For 200 PSI, Add</i>	<i>3,352.90</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>467.06</i>	
23 05 23 00-0517 EA 20" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	14,069.85	1,401.18
<i>For 200 PSI, Add</i>	<i>4,434.62</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>525.44</i>	
23 05 23 00-0518 EA 24" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	18,975.42	1,719.63
<i>For 200 PSI, Add</i>	<i>6,055.11</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>646.70</i>	
23 05 23 00-0519 EA 30" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	39,572.65	2,724.59
<i>For 200 PSI, Add</i>	<i>12,997.79</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,040.30</i>	
23 05 23 00-0520 EA 36" Cast Iron Body, Bronze Disc, Gear Operated, 150 Lb., Lug Type, Butterfly Valve.....	50,208.38	3,715.35
<i>For 200 PSI, Add</i>	<i>16,514.57</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,300.37</i>	
<b>23 05 29 Hangers and Supports for HVAC Piping and Equipment</b> <small>(23 05)</small>		
23 05 29 00-0001 Hangers And Supports <small>(23 05 29)</small>		
23 05 29 00-0002 Clevis Hangers <small>(23 05 29 00-0001)</small>		
23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) <small>(23 05 29 00-0002)</small>		
Note: Type 1.		
23 05 29 00-0004 EA 1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	21.03	9.54
<i>For Work In Restricted Working Space, Add</i>	<i>5.72</i>	
23 05 29 00-0005 EA 3/4" Steel Clevis Hanger (Cooper B-Line B3100).....	23.15	10.60
<i>For Work In Restricted Working Space, Add</i>	<i>6.36</i>	
23 05 29 00-0006 EA 1" Steel Clevis Hanger (Cooper B-Line B3100).....	24.33	10.60
<i>For Work In Restricted Working Space, Add</i>	<i>6.69</i>	
23 05 29 00-0007 EA 1-1/4" Steel Clevis Hanger (Cooper B-Line B3100).....	25.25	11.46
<i>For Work In Restricted Working Space, Add</i>	<i>6.88</i>	
23 05 29 00-0008 EA 1-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	25.51	11.46
<i>For Work In Restricted Working Space, Add</i>	<i>6.88</i>	
23 05 29 00-0009 EA 2" Steel Clevis Hanger (Cooper B-Line B3100).....	26.63	11.66
<i>For Work In Restricted Working Space, Add</i>	<i>7.06</i>	
23 05 29 00-0010 EA 2-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	29.24	12.08
<i>For Work In Restricted Working Space, Add</i>	<i>7.27</i>	
23 05 29 00-0011 EA 3" Steel Clevis Hanger (Cooper B-Line B3100).....	31.23	12.71
<i>For Work In Restricted Working Space, Add</i>	<i>7.48</i>	
23 05 29 00-0012 EA 3-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	32.64	13.96
<i>For Work In Restricted Working Space, Add</i>	<i>7.98</i>	
23 05 29 00-0013 EA 4" Steel Clevis Hanger (Cooper B-Line B3100).....	35.85	14.83
<i>For Work In Restricted Working Space, Add</i>	<i>8.48</i>	
23 05 29 00-0014 EA 5" Steel Clevis Hanger (Cooper B-Line B3100).....	45.99	17.75
<i>For Work In Restricted Working Space, Add</i>	<i>10.65</i>	
23 05 29 00-0015 EA 6" Steel Clevis Hanger (Cooper B-Line B3100).....	55.35	21.19
<i>For Work In Restricted Working Space, Add</i>	<i>12.71</i>	
23 05 29 00-0016 EA 8" Steel Clevis Hanger (Cooper B-Line B3100).....	74.46	26.49
<i>For Work In Restricted Working Space, Add</i>	<i>15.89</i>	
23 05 29 00-0017 EA 10" Steel Clevis Hanger (Cooper B-Line B3100).....	108.91	36.03
<i>For Work In Restricted Working Space, Add</i>	<i>21.19</i>	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0018 EA 12" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	127.70 23.84	39.73
23 05 29 00-0019 EA 14" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	159.06 27.34	44.50
23 05 29 00-0020 EA 16" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	198.17 31.79	52.98
23 05 29 00-0021 EA 18" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	246.99 39.74	66.22
23 05 29 00-0022 EA 20" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	399.62 47.68	79.47
23 05 29 00-0023 EA 24" Steel Clevis Hanger (Cooper B-Line B3100)..... <i>For Work In Restricted Working Space, Add</i>	610.58 55.63	92.71
<b>23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) (23 05 29 00-0002)</b>		
23 05 29 00-0025 EA 1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	26.22 5.72	9.54
23 05 29 00-0026 EA 3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	28.34 6.36	10.60
23 05 29 00-0027 EA 1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	29.63 6.69	10.60
23 05 29 00-0028 EA 1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	30.67 6.88	11.46
23 05 29 00-0029 EA 1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	31.33 6.88	11.46
23 05 29 00-0030 EA 2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	32.13 7.06	11.66
23 05 29 00-0031 EA 2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	35.95 7.27	12.08
23 05 29 00-0032 EA 3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	37.72 7.48	12.71
23 05 29 00-0033 EA 3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	42.30 8.48	14.83
23 05 29 00-0034 EA 4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	46.68 8.48	14.83
23 05 29 00-0035 EA 5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	76.53 10.65	17.75
23 05 29 00-0036 EA 6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	94.84 12.71	21.19
23 05 29 00-0037 EA 8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C)..... <i>For Work In Restricted Working Space, Add</i>	112.96 15.89	26.49
<b>23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) (23 05 29 00-0002)</b>		
23 05 29 00-0039 EA 1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	20.84 5.72	9.54
23 05 29 00-0040 EA 3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	23.00 6.36	10.60
23 05 29 00-0041 EA 1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	24.29 6.69	10.60
23 05 29 00-0042 EA 1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	24.96 6.88	11.46
23 05 29 00-0043 EA 1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	25.11 6.88	11.46
23 05 29 00-0044 EA 2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	25.82 7.06	11.66
23 05 29 00-0045 EA 2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	28.17 7.27	12.08
23 05 29 00-0046 EA 3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	29.42 7.48	12.71
23 05 29 00-0047 EA 3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	33.16 8.48	14.83
23 05 29 00-0048 EA 4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104)..... <i>For Work In Restricted Working Space, Add</i>	34.19 8.48	14.83
<b>23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) (23 05 29 00-0002)</b>		
23 05 29 00-0050 EA 3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	29.48 6.36	10.60
23 05 29 00-0051 EA 1" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	30.67 6.69	10.60
23 05 29 00-0052 EA 1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	31.30 6.88	11.46
23 05 29 00-0053 EA 1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	32.33 6.88	11.46
23 05 29 00-0054 EA 2" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	34.67 7.06	11.66
23 05 29 00-0055 EA 2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	37.16 7.27	12.08
23 05 29 00-0056 EA 3" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	39.00 7.48	12.71
23 05 29 00-0057 EA 4" Steel Extended Clevis Hanger (Cooper B-Line B3108)..... <i>For Work In Restricted Working Space, Add</i>	46.83 8.48	14.83



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0058 EA 5" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	59.07	17.75
<i>For Work In Restricted Working Space, Add</i>	10.65	
23 05 29 00-0059 EA 6" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	72.89	21.19
<i>For Work In Restricted Working Space, Add</i>	12.71	
23 05 29 00-0060 EA 8" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	103.23	26.49
<i>For Work In Restricted Working Space, Add</i>	15.89	
23 05 29 00-0061 EA 10" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	144.94	36.03
<i>For Work In Restricted Working Space, Add</i>	21.19	
23 05 29 00-0062 EA 12" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	162.81	39.73
<i>For Work In Restricted Working Space, Add</i>	23.84	
<b>23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) (23 05 29 00-0002)</b>		
23 05 29 00-0064 EA 2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	35.88	11.66
<i>For Work In Restricted Working Space, Add</i>	7.06	
23 05 29 00-0065 EA 2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	38.30	12.08
<i>For Work In Restricted Working Space, Add</i>	7.27	
23 05 29 00-0066 EA 3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	40.30	12.71
<i>For Work In Restricted Working Space, Add</i>	7.48	
23 05 29 00-0067 EA 3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	44.62	14.83
<i>For Work In Restricted Working Space, Add</i>	8.48	
23 05 29 00-0068 EA 4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	47.20	14.83
<i>For Work In Restricted Working Space, Add</i>	8.48	
23 05 29 00-0069 EA 5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	58.59	17.75
<i>For Work In Restricted Working Space, Add</i>	10.65	
23 05 29 00-0070 EA 6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	68.39	21.19
<i>For Work In Restricted Working Space, Add</i>	12.71	
23 05 29 00-0071 EA 8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	90.78	26.49
<i>For Work In Restricted Working Space, Add</i>	15.89	
<b>23 05 29 00-0072 Adjustable Hangers (23 05 29 00-0001)</b>		
<b>23 05 29 00-0073 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) (23 05 29 00-0072)</b>		
Note: Type 5.		
23 05 29 00-0074 EA 1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	19.22	8.36
<i>For Work In Restricted Working Space, Add</i>	5.01	
23 05 29 00-0075 EA 3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	21.05	9.27
<i>For Work In Restricted Working Space, Add</i>	5.56	
23 05 29 00-0076 EA 1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	23.08	10.30
<i>For Work In Restricted Working Space, Add</i>	6.18	
23 05 29 00-0077 EA 1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	25.47	11.44
<i>For Work In Restricted Working Space, Add</i>	6.87	
23 05 29 00-0078 EA 1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	26.77	12.01
<i>For Work In Restricted Working Space, Add</i>	7.21	
23 05 29 00-0079 EA 2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	28.68	12.59
<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0080 EA 2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	33.04	13.16
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0081 EA 3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	34.50	13.73
<i>For Work In Restricted Working Space, Add</i>	8.24	
23 05 29 00-0082 EA 4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	41.14	15.45
<i>For Work In Restricted Working Space, Add</i>	9.27	
<b>23 05 29 00-0083 Adjustable Swivel Steel Ring (Cooper B-Line B3170) (23 05 29 00-0072)</b>		
Note: Type 10.		
23 05 29 00-0084 EA 1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	22.33	10.60
<i>For Work In Restricted Working Space, Add</i>	6.36	
<i>For 304 Stainless Steel, Add</i>	7.52	
<i>For 316 Stainless Steel, Add</i>	9.69	
23 05 29 00-0085 EA 3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	23.55	10.60
<i>For Work In Restricted Working Space, Add</i>	6.69	
<i>For 304 Stainless Steel, Add</i>	8.25	
<i>For 316 Stainless Steel, Add</i>	10.63	
23 05 29 00-0086 EA 1" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	24.79	11.66
<i>For Work In Restricted Working Space, Add</i>	7.06	
<i>For 304 Stainless Steel, Add</i>	8.25	
<i>For 316 Stainless Steel, Add</i>	10.63	
23 05 29 00-0087 EA 1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	26.33	12.71
<i>For Work In Restricted Working Space, Add</i>	7.48	
<i>For 304 Stainless Steel, Add</i>	9.24	
<i>For 316 Stainless Steel, Add</i>	11.90	
23 05 29 00-0088 EA 1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	29.66	14.83
<i>For Work In Restricted Working Space, Add</i>	8.48	
<i>For 304 Stainless Steel, Add</i>	9.24	
<i>For 316 Stainless Steel, Add</i>	11.90	
23 05 29 00-0089 EA 2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	31.74	14.83
<i>For Work In Restricted Working Space, Add</i>	9.08	
<i>For 304 Stainless Steel, Add</i>	9.70	
<i>For 316 Stainless Steel, Add</i>	12.50	
23 05 29 00-0090 EA 2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	35.00	15.90
<i>For Work In Restricted Working Space, Add</i>	9.78	
<i>For 304 Stainless Steel, Add</i>	15.84	
<i>For 316 Stainless Steel, Add</i>	20.40	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 29 00-0091	EA 3" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	37.83	18.01
	<i>For Work In Restricted Working Space, Add</i>	10.60	
	<i>For 304 Stainless Steel, Add</i>	16.57	
	<i>For 316 Stainless Steel, Add</i>	21.34	
23 05 29 00-0092	EA 3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	42.03	19.33
	<i>For Work In Restricted Working Space, Add</i>	11.60	
	<i>For 304 Stainless Steel, Add</i>	22.18	
	<i>For 316 Stainless Steel, Add</i>	28.56	
23 05 29 00-0093	EA 4" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	45.74	21.19
	<i>For Work In Restricted Working Space, Add</i>	12.71	
	<i>For 304 Stainless Steel, Add</i>	22.18	
	<i>For 316 Stainless Steel, Add</i>	28.56	
23 05 29 00-0094	EA 5" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	54.65	23.84
	<i>For Work In Restricted Working Space, Add</i>	14.30	
	<i>For 304 Stainless Steel, Add</i>	46.00	
	<i>For 316 Stainless Steel, Add</i>	59.25	
23 05 29 00-0095	EA 6" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	60.05	26.49
	<i>For Work In Restricted Working Space, Add</i>	15.89	
	<i>For 304 Stainless Steel, Add</i>	46.66	
	<i>For 316 Stainless Steel, Add</i>	60.10	
23 05 29 00-0096	EA 8" Adjustable Swivel Steel Ring (Cooper B-Line B3170) .....	71.97	31.78
	<i>For Work In Restricted Working Space, Add</i>	19.07	
	<i>For 304 Stainless Steel, Add</i>	55.44	
	<i>For 316 Stainless Steel, Add</i>	71.40	
<b>23 05 29 00-0097</b>	<b>Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) <small>(23 05 29 00-0072)</small></b>		
23 05 29 00-0098	EA 1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	24.76	10.60
	<i>For Work In Restricted Working Space, Add</i>	6.36	
	<i>For 304 Stainless Steel, Add</i>	23.56	
	<i>For 316 Stainless Steel, Add</i>	30.35	
23 05 29 00-0099	EA 3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	25.87	10.60
	<i>For Work In Restricted Working Space, Add</i>	6.69	
	<i>For 304 Stainless Steel, Add</i>	23.56	
	<i>For 316 Stainless Steel, Add</i>	30.35	
23 05 29 00-0100	EA 1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	27.11	11.66
	<i>For Work In Restricted Working Space, Add</i>	7.06	
	<i>For 304 Stainless Steel, Add</i>	23.56	
	<i>For 316 Stainless Steel, Add</i>	30.35	
23 05 29 00-0101	EA 1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	28.50	12.71
	<i>For Work In Restricted Working Space, Add</i>	7.48	
	<i>For 304 Stainless Steel, Add</i>	23.56	
	<i>For 316 Stainless Steel, Add</i>	30.35	
23 05 29 00-0102	EA 1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	32.13	14.83
	<i>For Work In Restricted Working Space, Add</i>	8.48	
	<i>For 304 Stainless Steel, Add</i>	25.54	
	<i>For 316 Stainless Steel, Add</i>	32.90	
23 05 29 00-0103	EA 2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	34.14	14.83
	<i>For Work In Restricted Working Space, Add</i>	9.08	
	<i>For 304 Stainless Steel, Add</i>	25.54	
	<i>For 316 Stainless Steel, Add</i>	32.90	
23 05 29 00-0104	EA 2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	42.75	15.90
	<i>For Work In Restricted Working Space, Add</i>	9.78	
	<i>For 304 Stainless Steel, Add</i>	66.99	
	<i>For 316 Stainless Steel, Add</i>	86.28	
23 05 29 00-0105	EA 3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	47.89	18.01
	<i>For Work In Restricted Working Space, Add</i>	10.60	
	<i>For 304 Stainless Steel, Add</i>	82.96	
	<i>For 316 Stainless Steel, Add</i>	106.85	
23 05 29 00-0106	EA 3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	52.23	19.33
	<i>For Work In Restricted Working Space, Add</i>	11.60	
	<i>For 304 Stainless Steel, Add</i>	89.50	
	<i>For 316 Stainless Steel, Add</i>	115.26	
23 05 29 00-0107	EA 4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	58.89	21.19
	<i>For Work In Restricted Working Space, Add</i>	12.71	
	<i>For 304 Stainless Steel, Add</i>	108.97	
	<i>For 316 Stainless Steel, Add</i>	140.34	
23 05 29 00-0108	EA 5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	64.42	23.84
	<i>For Work In Restricted Working Space, Add</i>	14.30	
	<i>For 304 Stainless Steel, Add</i>	110.48	
	<i>For 316 Stainless Steel, Add</i>	142.29	
23 05 29 00-0109	EA 6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) .....	77.21	26.49
	<i>For Work In Restricted Working Space, Add</i>	15.89	
	<i>For 304 Stainless Steel, Add</i>	159.92	
	<i>For 316 Stainless Steel, Add</i>	205.96	
<b>23 05 29 00-0110</b>	<b>Roller Hangers <small>(23 05 29 00-0001)</small></b>		
<b>23 05 29 00-0111</b>	<b>Single Pipe Roll (Cooper B-Line B3114) <small>(23 05 29 00-0110)</small></b>		
	Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112	EA 2" Single Pipe Roll (Cooper B-Line B3114) .....	33.23	8.49
	Note: Excludes rod and nuts.		
	<i>For Work In Restricted Working Space, Add</i>	5.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0113 EA 2-1/2" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	36.56 5.73	9.56
23 05 29 00-0114 EA 3" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	40.71 6.69	11.15
23 05 29 00-0115 EA 3-1/2" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	46.84 7.64	12.74
23 05 29 00-0116 EA 4" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	64.66 8.60	14.33
23 05 29 00-0117 EA 5" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	57.78 9.55	15.93
23 05 29 00-0118 EA 6" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	71.88 11.46	19.10
23 05 29 00-0119 EA 8" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	96.82 13.37	22.29
23 05 29 00-0120 EA 10" Single Pipe Roll (Cooper B-Line B3114) ..... Note: Excludes rod and nuts. <i>For Work In Restricted Working Space, Add</i>	114.78 15.92	26.54
<b>23 05 29 00-0121 Adjustable Clevis Roller Hanger (Cooper B-Line B3110)</b> <small>(23 05 29 00-0110)</small> Note: Type 43.		
23 05 29 00-0122 EA 2" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	49.55 8.64 136.88 176.29	14.98
23 05 29 00-0123 EA 2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	51.62 9.26 136.88 176.29	15.44
23 05 29 00-0124 EA 3" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	56.07 9.88 152.72 196.69	16.14
23 05 29 00-0125 EA 3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	65.37 10.37 203.28 261.80	17.29
23 05 29 00-0126 EA 4" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	69.22 11.53 203.28 261.80	19.59
23 05 29 00-0127 EA 5" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	78.14 12.65 237.34 305.66	21.09
23 05 29 00-0128 EA 6" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	90.75 13.83 294.69 379.53	23.05
23 05 29 00-0129 EA 8" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	124.45 17.29 441.08 568.06	28.81
23 05 29 00-0130 EA 10" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	156.45 23.05 525.49 676.77	39.19
23 05 29 00-0131 EA 12" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	203.48 25.93 772.53 994.93	43.21
23 05 29 00-0132 EA 14" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	423.47 29.73 2,140.78 2,757.06	49.55
23 05 29 00-0133 EA 16" Steel Clevis Roller Hanger (Cooper B-Line B3110) ..... <i>For Work In Restricted Working Space, Add</i> <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	531.59 34.57 2,747.91 3,538.98	57.62
<b>23 05 29 00-0134 Roller Chair (Cooper B-Line B3120)</b> <small>(23 05 29 00-0110)</small>		
23 05 29 00-0135 EA 2" Steel Roller Chair (Cooper B-Line B3120) ..... <i>For Work In Restricted Working Space, Add</i>	48.19 8.64	14.98
23 05 29 00-0136 EA 2-1/2" Steel Roller Chair (Cooper B-Line B3120) ..... <i>For Work In Restricted Working Space, Add</i>	51.92 9.26	15.44
23 05 29 00-0137 EA 3" Steel Roller Chair (Cooper B-Line B3120) ..... <i>For Work In Restricted Working Space, Add</i>	54.45 9.88	16.14

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0138 EA 3-1/2" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	61.98 10.37	17.29
23 05 29 00-0139 EA 4" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	69.07 11.53	19.59
23 05 29 00-0140 EA 5" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	75.49 12.65	21.09
23 05 29 00-0141 EA 6" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	92.49 13.83	23.05
23 05 29 00-0142 EA 8" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	120.33 17.29	28.81
23 05 29 00-0143 EA 10" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	155.49 23.05	39.19
23 05 29 00-0144 EA 12" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	200.97 25.93	43.21
23 05 29 00-0145 EA 14" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	219.25 29.73	49.55
23 05 29 00-0146 EA 16" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	264.38 34.57	57.62
23 05 29 00-0147 EA 18" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	356.42 43.22	72.02
23 05 29 00-0148 EA 20" Steel Roller Chair (Cooper B-Line B3120)..... <i>For Work In Restricted Working Space, Add</i>	441.05 51.86	86.43
<b>23 05 29 00-0149 Adjustable Roller Support (Cooper B-Line B3122) (23 05 29 00-0110)</b>		
23 05 29 00-0150 EA 2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	54.57 8.64	14.98
23 05 29 00-0151 EA 2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	61.35 9.26	15.44
23 05 29 00-0152 EA 3" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	64.51 9.88	16.14
23 05 29 00-0153 EA 3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	68.14 10.37	17.29
23 05 29 00-0154 EA 4" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	81.97 11.53	19.59
23 05 29 00-0155 EA 5" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	92.95 12.65	21.09
23 05 29 00-0156 EA 6" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	108.26 13.83	23.05
23 05 29 00-0157 EA 8" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	152.79 17.29	28.81
23 05 29 00-0158 EA 10" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	190.49 23.05	39.19
23 05 29 00-0159 EA 12" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	220.35 25.93	43.21
23 05 29 00-0160 EA 14" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	312.02 29.73	49.55
23 05 29 00-0161 EA 16" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	374.09 34.57	57.62
23 05 29 00-0162 EA 18" Steel Adjustable Roller Support (Cooper B-Line B3122)..... <i>For Work In Restricted Working Space, Add</i>	424.69 43.22	72.02
<b>23 05 29 00-0163 Adjustable Double Roller Support (Cooper B-Line B3122A) (23 05 29 00-0110)</b>		
23 05 29 00-0164 EA 2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	54.93 8.64	14.98
23 05 29 00-0165 EA 2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	61.68 9.26	15.44
23 05 29 00-0166 EA 3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	65.06 9.88	16.14
23 05 29 00-0167 EA 3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	67.65 10.37	17.29
23 05 29 00-0168 EA 4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	85.69 11.53	19.59
23 05 29 00-0169 EA 5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	97.34 12.65	21.09
23 05 29 00-0170 EA 6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	113.49 13.83	23.05
23 05 29 00-0171 EA 8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	160.89 17.29	28.81
23 05 29 00-0172 EA 10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	200.22 23.05	39.19
23 05 29 00-0173 EA 12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	231.73 25.93	43.21
23 05 29 00-0174 EA 14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A)..... <i>For Work In Restricted Working Space, Add</i>	330.22 29.73	49.55
<b>23 05 29 00-0175 Pipe And Riser Clamps (23 05 29 00-0001)</b> Note: Includes bolts and weldless eye nuts.		
<b>23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) (23 05 29 00-0175)</b> Note: Type 4.		





# Heating, Ventilating, and Air-Conditioning (HVAC)

23

Common Work Results for HVAC 23 05

23

Hangers and Supports for HVAC Piping and Equipment 23 05 29

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0177	EA		1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	18.56	6.87
			<i>For Work In Restricted Working Space, Add</i>	4.12	
23 05 29 00-0178	EA		3/4" Steel Pipe Clamp (Cooper B-Line B3140).....	18.79	6.98
			<i>For Work In Restricted Working Space, Add</i>	4.19	
23 05 29 00-0179	EA		1" Steel Pipe Clamp (Cooper B-Line B3140).....	19.05	7.09
			<i>For Work In Restricted Working Space, Add</i>	4.26	
23 05 29 00-0180	EA		1-1/4" Steel Pipe Clamp (Cooper B-Line B3140).....	20.76	7.21
			<i>For Work In Restricted Working Space, Add</i>	4.33	
23 05 29 00-0181	EA		1-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	20.98	7.32
			<i>For Work In Restricted Working Space, Add</i>	4.39	
23 05 29 00-0182	EA		2" Steel Pipe Clamp (Cooper B-Line B3140).....	22.32	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
23 05 29 00-0183	EA		2-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	23.22	7.66
			<i>For Work In Restricted Working Space, Add</i>	4.60	
23 05 29 00-0184	EA		3" Steel Pipe Clamp (Cooper B-Line B3140).....	24.60	7.89
			<i>For Work In Restricted Working Space, Add</i>	4.74	
23 05 29 00-0185	EA		3-1/2" Steel Pipe Clamp (Cooper B-Line B3140).....	28.47	8.02
			<i>For Work In Restricted Working Space, Add</i>	4.81	
23 05 29 00-0186	EA		4" Steel Pipe Clamp (Cooper B-Line B3140).....	33.05	10.30
			<i>For Work In Restricted Working Space, Add</i>	6.18	
23 05 29 00-0187	EA		5" Steel Pipe Clamp (Cooper B-Line B3140).....	47.36	13.73
			<i>For Work In Restricted Working Space, Add</i>	8.24	
23 05 29 00-0188	EA		6" Steel Pipe Clamp (Cooper B-Line B3140).....	64.84	17.17
			<i>For Work In Restricted Working Space, Add</i>	10.30	
23 05 29 00-0189	EA		8" Steel Pipe Clamp (Cooper B-Line B3140).....	76.31	20.03
			<i>For Work In Restricted Working Space, Add</i>	12.02	
23 05 29 00-0190	EA		10" Steel Pipe Clamp (Cooper B-Line B3140).....	111.14	22.89
			<i>For Work In Restricted Working Space, Add</i>	13.73	
23 05 29 00-0191	EA		12" Steel Pipe Clamp (Cooper B-Line B3140).....	151.44	25.18
			<i>For Work In Restricted Working Space, Add</i>	15.11	
23 05 29 00-0192	EA		14" Steel Pipe Clamp (Cooper B-Line B3140).....	244.67	27.47
			<i>For Work In Restricted Working Space, Add</i>	16.48	
23 05 29 00-0193	EA		16" Steel Pipe Clamp (Cooper B-Line B3140).....	265.20	29.75
			<i>For Work In Restricted Working Space, Add</i>	17.85	
23 05 29 00-0194	EA		18" Steel Pipe Clamp (Cooper B-Line B3140).....	430.52	32.04
			<i>For Work In Restricted Working Space, Add</i>	19.23	
23 05 29 00-0195	EA		20" Steel Pipe Clamp (Cooper B-Line B3140).....	497.80	34.33
			<i>For Work In Restricted Working Space, Add</i>	20.60	
23 05 29 00-0196	EA		24" Steel Pipe Clamp (Cooper B-Line B3140).....	648.65	37.77
			<i>For Work In Restricted Working Space, Add</i>	22.66	
<b>23 05 29 00-0197</b>			<b>Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0175)</b>		
23 05 29 00-0198	EA		3" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	37.90	7.41
			<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0199	EA		4" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	49.79	7.41
			<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0200	EA		5" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	54.66	7.68
			<i>For Work In Restricted Working Space, Add</i>	4.61	
23 05 29 00-0201	EA		6" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	87.32	7.95
			<i>For Work In Restricted Working Space, Add</i>	4.80	
23 05 29 00-0202	EA		8" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	95.00	8.47
			<i>For Work In Restricted Working Space, Add</i>	5.08	
23 05 29 00-0203	EA		10" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	162.72	8.47
			<i>For Work In Restricted Working Space, Add</i>	5.07	
23 05 29 00-0204	EA		12" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	263.35	9.54
			<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0205	EA		14" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	334.13	10.60
			<i>For Work In Restricted Working Space, Add</i>	6.36	
23 05 29 00-0206	EA		16" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	363.31	12.71
			<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0207	EA		18" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	1,129.81	14.83
			<i>For Work In Restricted Working Space, Add</i>	8.90	
23 05 29 00-0208	EA		20" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	1,298.67	15.90
			<i>For Work In Restricted Working Space, Add</i>	9.53	
23 05 29 00-0209	EA		24" Two Bolt Steel Heavy-Duty Pipe Clamp (Cooper B-Line B3142).....	1,663.46	16.95
			<i>For Work In Restricted Working Space, Add</i>	10.17	
<b>23 05 29 00-0210</b>			<b>Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0175)</b>		
			Note: Type 8.		
23 05 29 00-0211	EA		1/2" Steel Riser Clamp (Cooper B-Line B3373).....	18.75	6.36
			<i>For Work In Restricted Working Space, Add</i>	3.81	
23 05 29 00-0212	EA		3/4" Steel Riser Clamp (Cooper B-Line B3373).....	19.53	6.47
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0213	EA		1" Steel Riser Clamp (Cooper B-Line B3373).....	19.81	6.57
			<i>For Work In Restricted Working Space, Add</i>	3.94	
23 05 29 00-0214	EA		1-1/4" Steel Riser Clamp (Cooper B-Line B3373).....	21.42	6.68
			<i>For Work In Restricted Working Space, Add</i>	4.01	
23 05 29 00-0215	EA		1-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	22.26	6.78
			<i>For Work In Restricted Working Space, Add</i>	4.07	
23 05 29 00-0216	EA		2" Steel Riser Clamp (Cooper B-Line B3373).....	22.80	6.89
			<i>For Work In Restricted Working Space, Add</i>	4.13	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0217 EA 2-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	23.77	7.10
<i>For Work In Restricted Working Space, Add</i>	4.26	
23 05 29 00-0218 EA 3" Steel Riser Clamp (Cooper B-Line B3373).....	25.20	7.31
<i>For Work In Restricted Working Space, Add</i>	4.39	
23 05 29 00-0219 EA 3-1/2" Steel Riser Clamp (Cooper B-Line B3373).....	27.69	7.41
<i>For Work In Restricted Working Space, Add</i>	4.45	
23 05 29 00-0220 EA 4" Steel Riser Clamp (Cooper B-Line B3373).....	33.63	9.54
<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0221 EA 5" Steel Riser Clamp (Cooper B-Line B3373).....	43.48	12.71
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0222 EA 6" Steel Riser Clamp (Cooper B-Line B3373).....	55.14	15.90
<i>For Work In Restricted Working Space, Add</i>	9.53	
23 05 29 00-0223 EA 8" Steel Riser Clamp (Cooper B-Line B3373).....	75.32	18.55
<i>For Work In Restricted Working Space, Add</i>	11.12	
23 05 29 00-0224 EA 10" Steel Riser Clamp (Cooper B-Line B3373).....	98.97	21.19
<i>For Work In Restricted Working Space, Add</i>	12.71	
23 05 29 00-0225 EA 12" Steel Riser Clamp (Cooper B-Line B3373).....	119.71	23.31
<i>For Work In Restricted Working Space, Add</i>	13.99	
23 05 29 00-0226 EA 14" Steel Riser Clamp (Cooper B-Line B3373).....	160.83	25.43
<i>For Work In Restricted Working Space, Add</i>	15.26	
23 05 29 00-0227 EA 16" Steel Riser Clamp (Cooper B-Line B3373).....	306.14	27.54
<i>For Work In Restricted Working Space, Add</i>	16.53	
<b>23 05 29 00-0228 Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) (23 05 29 00-0175)</b>		
23 05 29 00-0229 EA 1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	33.12	6.36
<i>For Work In Restricted Working Space, Add</i>	3.81	
23 05 29 00-0230 EA 3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	33.64	6.47
<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0231 EA 1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	35.02	6.57
<i>For Work In Restricted Working Space, Add</i>	3.94	
23 05 29 00-0232 EA 1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	37.44	6.68
<i>For Work In Restricted Working Space, Add</i>	4.01	
23 05 29 00-0233 EA 1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	42.30	6.78
<i>For Work In Restricted Working Space, Add</i>	4.07	
23 05 29 00-0234 EA 2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	44.94	6.89
<i>For Work In Restricted Working Space, Add</i>	4.13	
23 05 29 00-0235 EA 2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	48.64	7.10
<i>For Work In Restricted Working Space, Add</i>	4.26	
23 05 29 00-0236 EA 3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	53.45	7.31
<i>For Work In Restricted Working Space, Add</i>	4.39	
23 05 29 00-0237 EA 4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C).....	72.38	9.54
<i>For Work In Restricted Working Space, Add</i>	5.72	
<b>23 05 29 00-0238 Two Bolt Steel Underground Clamp (Cooper B-Line B3132) (23 05 29 00-0175)</b>		
Note: Type 42		
23 05 29 00-0239 EA 4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	74.63	7.41
<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0240 EA 6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	79.21	7.95
<i>For Work In Restricted Working Space, Add</i>	4.80	
23 05 29 00-0241 EA 8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	86.98	8.47
<i>For Work In Restricted Working Space, Add</i>	5.08	
23 05 29 00-0242 EA 10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	92.87	8.47
<i>For Work In Restricted Working Space, Add</i>	5.07	
23 05 29 00-0243 EA 12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	112.36	9.54
<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0244 EA 14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	349.22	10.60
<i>For Work In Restricted Working Space, Add</i>	6.36	
23 05 29 00-0245 EA 16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	467.87	12.71
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0246 EA 18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	557.51	14.83
<i>For Work In Restricted Working Space, Add</i>	8.90	
23 05 29 00-0247 EA 20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	812.22	15.90
<i>For Work In Restricted Working Space, Add</i>	9.53	
23 05 29 00-0248 EA 24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132).....	1,119.53	16.95
<i>For Work In Restricted Working Space, Add</i>	10.17	
<b>23 05 29 00-0249 Four Bolt Steel Underground Clamp (Cooper B-Line B3134) (23 05 29 00-0175)</b>		
23 05 29 00-0250 EA 4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	68.88	7.41
<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0251 EA 6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	74.27	7.95
<i>For Work In Restricted Working Space, Add</i>	4.80	
23 05 29 00-0252 EA 8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	129.89	8.47
<i>For Work In Restricted Working Space, Add</i>	5.08	
23 05 29 00-0253 EA 10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	144.45	8.47
<i>For Work In Restricted Working Space, Add</i>	5.07	
23 05 29 00-0254 EA 12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	207.46	9.54
<i>For Work In Restricted Working Space, Add</i>	5.72	
23 05 29 00-0255 EA 14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	318.18	10.60
<i>For Work In Restricted Working Space, Add</i>	6.36	
23 05 29 00-0256 EA 16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	426.83	12.71
<i>For Work In Restricted Working Space, Add</i>	7.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0257 EA 18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	508.03	14.83
<i>For Work In Restricted Working Space, Add</i>	8.90	
23 05 29 00-0258 EA 20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	742.72	15.90
<i>For Work In Restricted Working Space, Add</i>	9.53	
23 05 29 00-0259 EA 24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134).....	1,016.66	16.95
<i>For Work In Restricted Working Space, Add</i>	10.17	
<b>23 05 29 00-0260 Split Pipe Clamps And Rings (23 05 29 00-0001)</b>		
<b>23 05 29 00-0261 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) (23 05 29 00-0260)</b>		
Note: Type 6.		
23 05 29 00-0262 EA 3/4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	31.07	9.72
<i>For Work In Restricted Working Space, Add</i>	5.84	
23 05 29 00-0263 EA 1" Adjustable Swivel Ring (Cooper B-Line B3171) .....	32.91	10.30
<i>For Work In Restricted Working Space, Add</i>	6.18	
23 05 29 00-0264 EA 1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	35.78	11.44
<i>For Work In Restricted Working Space, Add</i>	6.87	
23 05 29 00-0265 EA 1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	38.56	12.01
<i>For Work In Restricted Working Space, Add</i>	7.21	
23 05 29 00-0266 EA 2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	41.65	12.59
<i>For Work In Restricted Working Space, Add</i>	7.55	
23 05 29 00-0267 EA 2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) .....	51.42	13.16
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0268 EA 3" Adjustable Swivel Ring (Cooper B-Line B3171) .....	56.42	13.73
<i>For Work In Restricted Working Space, Add</i>	8.24	
23 05 29 00-0269 EA 4" Adjustable Swivel Ring (Cooper B-Line B3171) .....	75.08	15.45
<i>For Work In Restricted Working Space, Add</i>	9.27	
23 05 29 00-0270 EA 5" Adjustable Swivel Ring (Cooper B-Line B3171) .....	95.47	19.46
<i>For Work In Restricted Working Space, Add</i>	11.67	
23 05 29 00-0271 EA 6" Adjustable Swivel Ring (Cooper B-Line B3171) .....	127.64	22.89
<i>For Work In Restricted Working Space, Add</i>	13.73	
<b>23 05 29 00-0272 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) (23 05 29 00-0260)</b>		
Note: Type 11.		
23 05 29 00-0273 EA 1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	20.19	8.06
<i>For Work In Restricted Working Space, Add</i>	4.93	
23 05 29 00-0274 EA 3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	21.30	8.06
<i>For Work In Restricted Working Space, Add</i>	5.15	
23 05 29 00-0275 EA 1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	23.44	10.35
<i>For Work In Restricted Working Space, Add</i>	5.75	
23 05 29 00-0276 EA 1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	25.50	10.35
<i>For Work In Restricted Working Space, Add</i>	6.06	
23 05 29 00-0277 EA 1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	28.48	10.35
<i>For Work In Restricted Working Space, Add</i>	6.28	
23 05 29 00-0278 EA 2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	33.29	11.51
<i>For Work In Restricted Working Space, Add</i>	6.90	
23 05 29 00-0279 EA 2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) .....	44.49	11.51
<i>For Work In Restricted Working Space, Add</i>	7.19	
23 05 29 00-0280 EA 3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	49.47	12.66
<i>For Work In Restricted Working Space, Add</i>	7.50	
23 05 29 00-0281 EA 4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R).....	52.67	13.81
<i>For Work In Restricted Working Space, Add</i>	8.22	
<b>23 05 29 00-0282 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) (23 05 29 00-0260)</b>		
Note: Type 12.		
23 05 29 00-0283 EA 1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	20.19	8.06
<i>For Work In Restricted Working Space, Add</i>	4.93	
23 05 29 00-0284 EA 3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	21.30	8.63
<i>For Work In Restricted Working Space, Add</i>	5.15	
23 05 29 00-0285 EA 1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	23.44	9.78
<i>For Work In Restricted Working Space, Add</i>	5.75	
23 05 29 00-0286 EA 1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	25.50	10.35
<i>For Work In Restricted Working Space, Add</i>	6.06	
23 05 29 00-0287 EA 1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	28.48	10.35
<i>For Work In Restricted Working Space, Add</i>	6.28	
23 05 29 00-0288 EA 2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	33.29	11.51
<i>For Work In Restricted Working Space, Add</i>	6.90	
23 05 29 00-0289 EA 2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	44.49	12.08
<i>For Work In Restricted Working Space, Add</i>	7.19	
23 05 29 00-0290 EA 3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H).....	49.47	12.66
<i>For Work In Restricted Working Space, Add</i>	7.50	
<b>23 05 29 00-0291 Pipe Straps (23 05 29 00-0001)</b>		
<b>23 05 29 00-0292 Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) (23 05 29 00-0291)</b>		
23 05 29 00-0293 EA 1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	13.73	5.75
<i>For Work In Restricted Working Space, Add</i>	3.45	
23 05 29 00-0294 EA 3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	14.33	6.91
<i>For Work In Restricted Working Space, Add</i>	3.63	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0295 EA 1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	15.01	6.91
<i>For Work In Restricted Working Space, Add</i>	3.84	
23 05 29 00-0296 EA 1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	15.86	6.91
<i>For Work In Restricted Working Space, Add</i>	4.06	
23 05 29 00-0297 EA 1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	16.78	8.06
<i>For Work In Restricted Working Space, Add</i>	4.31	
23 05 29 00-0298 EA 2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	19.30	8.06
<i>For Work In Restricted Working Space, Add</i>	4.61	
23 05 29 00-0299 EA 2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	23.57	8.06
<i>For Work In Restricted Working Space, Add</i>	4.93	
23 05 29 00-0300 EA 3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	30.20	8.06
<i>For Work In Restricted Working Space, Add</i>	5.31	
23 05 29 00-0301 EA 4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	35.77	10.35
<i>For Work In Restricted Working Space, Add</i>	6.21	
23 05 29 00-0302 EA 6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	43.76	11.51
<i>For Work In Restricted Working Space, Add</i>	6.90	
23 05 29 00-0303 EA 8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180) .....	54.54	12.66
<i>For Work In Restricted Working Space, Add</i>	7.59	
<b>23 05 29 00-0304 Two Hole Copper-Clad Pipe Straps</b> <small>(23 05 29 00-0291)</small>		
23 05 29 00-0305 EA 1/2" Two Hole Copper-Clad Pipe Strap .....	6.39	
<i>For Work In Restricted Working Space, Add</i>	1.73	
23 05 29 00-0306 EA 3/4" Two Hole Copper-Clad Pipe Strap .....	6.79	
<i>For Work In Restricted Working Space, Add</i>	1.81	
23 05 29 00-0307 EA 1" Two Hole Copper-Clad Pipe Strap .....	7.63	
<i>For Work In Restricted Working Space, Add</i>	1.90	
23 05 29 00-0308 EA 1-1/4" Two Hole Copper-Clad Pipe Strap .....	8.52	
<i>For Work In Restricted Working Space, Add</i>	1.99	
23 05 29 00-0309 EA 1-1/2" Two Hole Copper-Clad Pipe Strap .....	9.17	
<i>For Work In Restricted Working Space, Add</i>	2.07	
23 05 29 00-0310 EA 2" Two Hole Copper-Clad Pipe Strap .....	9.95	
<i>For Work In Restricted Working Space, Add</i>	2.24	
<b>23 05 29 00-0311 One Hole Galvanized Steel Pipe Straps</b> <small>(23 05 29 00-0291)</small>		
23 05 29 00-0312 EA 1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D) .....	2.90	
<i>For Work In Restricted Working Space, Add</i>	0.57	
23 05 29 00-0313 EA 3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D) .....	3.45	
<i>For Work In Restricted Working Space, Add</i>	0.62	
23 05 29 00-0314 EA 1" One Hole Galvanized Steel Pipe Strap (Anvil 185D) .....	3.72	
<i>For Work In Restricted Working Space, Add</i>	0.67	
23 05 29 00-0315 EA 1-1/4" Galvanized Steel Strap, 1 Hole .....	4.00	
<i>For Work In Restricted Working Space, Add</i>	0.72	
23 05 29 00-0316 EA 1-1/2" Galvanized Steel Strap, 1 Hole .....	4.29	
<i>For Work In Restricted Working Space, Add</i>	0.79	
23 05 29 00-0317 EA 2" Galvanized Steel Strap, 1 Hole .....	4.79	
<i>For Work In Restricted Working Space, Add</i>	0.86	
<b>23 05 29 00-0318 Pipe and Equipment Support Brackets</b> <small>(23 05 29 00-0001)</small>		
<b>23 05 29 00-0319 Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068)</b> <small>(23 05 29 00-0318)</small>		
Note: Up to 750# load.		
23 05 29 00-0320 EA 9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) .....	125.02	12.71
<i>For Galvanized, Add</i>	19.92	
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0321 EA 13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) .....	126.84	12.71
<i>For Galvanized, Add</i>	20.28	
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0322 EA 19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068) .....	134.05	12.71
<i>For Galvanized, Add</i>	21.72	
<i>For Work In Restricted Working Space, Add</i>	7.63	
<b>23 05 29 00-0323 Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066)</b> <small>(23 05 29 00-0318)</small>		
Note: Up to 1500# load.		
23 05 29 00-0324 EA 12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) .....	301.00	12.71
<i>For Galvanized, Add</i>	55.11	
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0325 EA 18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) .....	352.80	12.71
<i>For Galvanized, Add</i>	65.47	
<i>For Work In Restricted Working Space, Add</i>	7.63	
23 05 29 00-0326 EA 24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066) .....	458.44	12.71
<i>For Galvanized, Add</i>	86.60	
<i>For Work In Restricted Working Space, Add</i>	7.63	
<b>23 05 29 00-0327 Pipe Alignment Guide</b> <small>(23 05 29 00-0001)</small>		
<b>23 05 29 00-0328 Pipe Alignment Guide, 1" Insulation</b> <small>(23 05 29 00-0327)</small>		



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 05 29 00-0329	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2)		557.18	20.13
23 05 29 00-0330	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4)		558.23	20.66
23 05 29 00-0331	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1)		559.29	21.19
23 05 29 00-0332	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4)		560.35	21.72
23 05 29 00-0333	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2)		611.76	22.25
23 05 29 00-0334	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2)		623.83	24.37
23 05 29 00-0335	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2)		625.42	25.17
23 05 29 00-0336	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3)		627.00	25.96
23 05 29 00-0337	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4)		663.59	27.54
23 05 29 00-0338	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5)		773.23	34.97
23 05 29 00-0339	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6)		788.06	42.38
23 05 29 00-0340	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8)		887.08	52.98
23 05 29 00-0341	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10)		1,647.67	63.57
23 05 29 00-0342	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12)		2,510.21	84.76
23 05 29 00-0343	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14)		3,088.60	105.95
23 05 29 00-0344	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16)		3,718.22	118.66
23 05 29 00-0345	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18)		4,009.43	132.45
23 05 29 00-0346	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20)		4,258.75	151.52
23 05 29 00-0347	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24)		5,372.84	158.93
<b>23 05 29 00-0348 Pipe Alignment Guide, 1-1/2" Insulation (23 05 29 00-0327)</b>					
23 05 29 00-0349	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2)		558.23	20.66
23 05 29 00-0350	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4)		609.64	21.19
23 05 29 00-0351	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1)		610.70	21.72
23 05 29 00-0352	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4)		611.76	22.25
23 05 29 00-0353	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2)		612.82	22.78
23 05 29 00-0354	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2)		624.89	24.90
23 05 29 00-0355	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2)		626.48	25.69
23 05 29 00-0356	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3)		661.47	26.49
23 05 29 00-0357	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4)		664.64	28.08
23 05 29 00-0358	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5)		774.82	35.76
23 05 29 00-0359	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6)		790.18	43.44
23 05 29 00-0360	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8)		889.73	54.30
23 05 29 00-0361	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10)		1,650.84	65.16
23 05 29 00-0362	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12)		2,514.44	86.88
23 05 29 00-0363	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14)		3,093.90	108.60
23 05 29 00-0364	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16)		3,724.58	121.85
23 05 29 00-0365	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18)		4,015.79	135.62
23 05 29 00-0366	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20)		4,266.18	155.22
23 05 29 00-0367	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24)		5,380.78	162.90
<b>23 05 29 00-0368 Pipe Alignment Guide, 2" Insulation (23 05 29 00-0327)</b>					
23 05 29 00-0369	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2)		609.64	21.19
23 05 29 00-0370	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4)		618.53	21.72
23 05 29 00-0371	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1)		619.59	22.25
23 05 29 00-0372	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4)		620.65	22.78
23 05 29 00-0373	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2)		621.71	23.31
23 05 29 00-0374	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2)		659.34	25.43
23 05 29 00-0375	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2)		661.47	26.49
23 05 29 00-0376	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3)		662.79	27.15
23 05 29 00-0377	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4)		760.51	28.61
23 05 29 00-0378	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5)		776.41	36.55
23 05 29 00-0379	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6)		870.13	44.50
23 05 29 00-0380	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8)		978.57	55.63
23 05 29 00-0381	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10)		1,654.02	66.75
23 05 29 00-0382	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12)		2,518.68	89.00
23 05 29 00-0383	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14)		3,099.20	111.25
23 05 29 00-0384	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16)		3,730.69	124.91
23 05 29 00-0385	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18)		4,022.68	139.06
23 05 29 00-0386	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20)		4,273.59	158.93
23 05 29 00-0387	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24)		5,388.73	166.88
<b>23 05 29 00-0388 Pipe Alignment Guide, 2-1/2" Insulation (23 05 29 00-0327)</b>					
23 05 29 00-0389	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2)		618.53	21.72
23 05 29 00-0390	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4)		652.99	22.25
23 05 29 00-0391	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1)		654.05	22.78
23 05 29 00-0392	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4)		655.11	23.31
23 05 29 00-0393	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2)		656.17	23.84
23 05 29 00-0394	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2)		660.40	25.96
23 05 29 00-0395	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2)		662.79	27.15
23 05 29 00-0396	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3)		758.93	27.81
23 05 29 00-0397	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4)		761.57	29.13
23 05 29 00-0398	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5)		855.30	37.08
23 05 29 00-0399	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6)		872.25	45.56
23 05 29 00-0400	EA	8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8)		1,634.42	56.95
23 05 29 00-0401	EA	10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10)		2,477.36	68.34
23 05 29 00-0402	EA	12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12)		3,058.94	91.12



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 05 29 00-0403	EA		14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14).....	3,105.03	113.90
23 05 29 00-0404	EA		16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16).....	3,737.29	128.20
23 05 29 00-0405	EA		18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18).....	4,029.56	142.51
23 05 29 00-0406	EA		20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20).....	4,281.53	162.90
23 05 29 00-0407	EA		24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24).....	5,397.21	171.11

**23 05 29 00-0408 Pipe Alignment Guide, 3" Insulation (23 05 29 00-0327)**

23 05 29 00-0409	EA		1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2).....	652.99	22.25
23 05 29 00-0410	EA		3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4).....	654.05	22.78
23 05 29 00-0411	EA		1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1).....	655.11	23.31
23 05 29 00-0412	EA		1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4).....	656.17	23.84
23 05 29 00-0413	EA		1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2).....	657.23	24.37
23 05 29 00-0414	EA		2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2).....	756.28	26.49
23 05 29 00-0415	EA		2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2).....	758.93	27.81
23 05 29 00-0416	EA		3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3).....	760.51	28.61
23 05 29 00-0417	EA		4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4).....	840.89	29.88
23 05 29 00-0418	EA		5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5).....	857.41	38.14
23 05 29 00-0419	EA		6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6).....	960.56	46.62
23 05 29 00-0420	EA		8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8).....	1,637.07	58.27
23 05 29 00-0421	EA		10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10).....	2,480.54	69.93
23 05 29 00-0422	EA		12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12).....	3,063.17	93.24
23 05 29 00-0423	EA		14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14).....	3,110.33	116.55
23 05 29 00-0424	EA		16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16).....	3,743.65	131.38
23 05 29 00-0425	EA		18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18).....	4,035.92	145.68
23 05 29 00-0426	EA		20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20).....	4,289.48	166.88
23 05 29 00-0427	EA		24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24).....	5,405.68	175.35

**23 05 29 00-0428 Pipe Alignment Guide, 3-1/2" Insulation (23 05 29 00-0327)**

23 05 29 00-0429	EA		1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2).....	654.05	22.78
23 05 29 00-0430	EA		3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4).....	749.92	23.31
23 05 29 00-0431	EA		1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1).....	750.98	23.84
23 05 29 00-0432	EA		1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4).....	752.04	24.37
23 05 29 00-0433	EA		1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2).....	753.10	24.90
23 05 29 00-0434	EA		2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2).....	757.60	27.15
23 05 29 00-0435	EA		2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2).....	760.30	28.50
23 05 29 00-0436	EA		3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3).....	839.77	29.33
23 05 29 00-0437	EA		4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4).....	842.58	30.73
23 05 29 00-0438	EA		5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5).....	945.73	39.20
23 05 29 00-0439	EA		6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6).....	1,615.88	47.68
23 05 29 00-0440	EA		8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8).....	2,459.88	59.60
23 05 29 00-0441	EA		10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10).....	3,020.59	71.68
23 05 29 00-0442	EA		12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12).....	3,671.59	95.36
23 05 29 00-0443	EA		14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14).....	3,719.80	119.46
23 05 29 00-0444	EA		16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16).....	4,026.10	134.56
23 05 29 00-0445	EA		18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18).....	4,254.52	149.39
23 05 29 00-0446	EA		20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20).....	5,396.15	170.59

**23 05 29 00-0447 Pipe Alignment Guide, 4" Insulation (23 05 29 00-0327)**

23 05 29 00-0448	EA		1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2).....	749.92	23.31
23 05 29 00-0449	EA		3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4).....	750.98	23.84
23 05 29 00-0450	EA		1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1).....	752.04	24.37
23 05 29 00-0451	EA		1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4).....	753.10	24.90
23 05 29 00-0452	EA		1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2).....	754.15	25.43
23 05 29 00-0453	EA		2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2).....	836.76	27.81
23 05 29 00-0454	EA		2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2).....	839.40	29.13
23 05 29 00-0455	EA		3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3).....	841.20	30.04
23 05 29 00-0456	EA		4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4).....	930.36	31.52
23 05 29 00-0457	EA		5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5).....	1,601.04	40.27
23 05 29 00-0458	EA		6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6).....	1,618.00	48.74
23 05 29 00-0459	EA		8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8).....	2,462.53	60.92
23 05 29 00-0460	EA		10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10).....	3,024.50	73.63
23 05 29 00-0461	EA		12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12).....	3,676.36	97.74
23 05 29 00-0462	EA		14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14).....	3,988.25	121.85
23 05 29 00-0463	EA		16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16).....	4,231.21	137.73
23 05 29 00-0464	EA		18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18).....	5,362.24	153.63

**23 05 29 00-0465 Sway Bracing For No Hub Pipe (23 05 29 00-0001)**

23 05 29 00-0466	EA		1-1/2" Sway Bracing.....	154.69	13.98
			<i>For Work In Restricted Working Space, Add</i>	8.37	
23 05 29 00-0467	EA		2" Sway Bracing.....	159.25	14.73
			<i>For Work In Restricted Working Space, Add</i>	8.83	
23 05 29 00-0468	EA		3" Sway Bracing.....	164.83	15.57
			<i>For Work In Restricted Working Space, Add</i>	9.35	
23 05 29 00-0469	EA		4" Sway Bracing.....	187.11	17.69
			<i>For Work In Restricted Working Space, Add</i>	10.60	
23 05 29 00-0470	EA		6" Sway Bracing.....	274.33	26.49
			<i>For Work In Restricted Working Space, Add</i>	15.89	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0471 EA 8" Sway Bracing ..... <i>For Work In Restricted Working Space, Add</i>	302.60 19.87	33.05
23 05 29 00-0472 EA 10" Sway Bracing ..... <i>For Work In Restricted Working Space, Add</i>	338.81 26.49	44.19
<b>23 05 29 00-0473 Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) (23 05 29 00-0001)</b> Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0474 EA 23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	351.74 6.36	10.60
23 05 29 00-0475 EA 24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	359.23 6.99	11.66
23 05 29 00-0476 EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	702.24 7.95	13.25
23 05 29 00-0477 EA 24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	864.29 8.90	14.83
23 05 29 00-0478 EA 24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	874.82 9.85	16.42
23 05 29 00-0479 EA 25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	959.95 11.12	18.55
23 05 29 00-0480 EA 25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,148.41 12.08	20.13
23 05 29 00-0481 EA 25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,161.28 13.03	21.72
23 05 29 00-0482 EA 26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,177.73 14.30	23.84
23 05 29 00-0483 EA 28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,225.05 15.57	25.96
23 05 29 00-0484 EA 29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,310.26 17.16	28.61
23 05 29 00-0485 EA 30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,348.04 19.07	31.78
23 05 29 00-0486 EA 32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,645.06 20.98	34.97
23 05 29 00-0487 EA 33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	1,791.09 23.52	39.20
23 05 29 00-0488 EA 35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	2,539.32 26.06	43.44
23 05 29 00-0489 EA 36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	3,117.54 28.61	47.68
23 05 29 00-0490 EA 39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) ..... <i>For Work In Restricted Working Space, Add</i>	3,732.92 31.15	51.91
<b>23 05 29 00-0491 Rooftop Pipe Supports (23 05 29 00-0001)</b> Note: Excludes pipe/conduit clamps and straps.		
<b>23 05 29 00-0492 Rooftop Support Base (23 05 29 00-0491)</b>		
23 05 29 00-0493 EA 4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM) .....	42.52	8.63
23 05 29 00-0494 EA 4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP) .....	59.45	11.51
<b>23 05 29 00-0495 Rooftop Support Base With 14 Gauge Galvanized Channel (23 05 29 00-0491)</b>		
23 05 29 00-0496 EA 5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5) .....	48.81	8.63
23 05 29 00-0497 EA 5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10) .....	69.67	11.51
23 05 29 00-0498 EA 5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20) .....	131.54	14.38
23 05 29 00-0499 EA 5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30) .....	182.90	17.26
23 05 29 00-0500 EA 5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40) .....	254.86	20.14
23 05 29 00-0501 EA 5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48) .....	268.04	23.01
<b>23 05 29 00-0502 Rooftop Support Base With 12 Gauge Galvanized Channel (23 05 29 00-0491)</b>		
23 05 29 00-0503 EA 6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610) .....	86.37	11.51
23 05 29 00-0504 EA 6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620) .....	138.99	14.38
23 05 29 00-0505 EA 6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630) .....	185.88	17.26



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 05 29 00-0506	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640)	.....	255.02	20.14
23 05 29 00-0507	EA	6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648)	.....	289.17	17.26
<b>23 05 29 00-0508</b>		<b>Rooftop Bridge Support Base With 12 Gauge Galvanized Channel</b> <small>(23 05 29 00-0491)</small>			
23 05 29 00-0509	EA	5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	.....	145.51	17.26
23 05 29 00-0510	EA	5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	.....	165.52	20.14
23 05 29 00-0511	EA	5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	.....	171.22	23.01
23 05 29 00-0512	EA	5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	.....	187.12	25.89
23 05 29 00-0513	EA	5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	.....	241.31	28.77
<b>23 05 29 00-0514</b>		<b>Rooftop Pipe Support Base And Rod</b> <small>(23 05 29 00-0491)</small>			
23 05 29 00-0515	EA	9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	.....	106.14	11.51
23 05 29 00-0516	EA	9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	.....	106.14	11.51
23 05 29 00-0517	EA	9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	.....	106.77	11.51
23 05 29 00-0518	EA	10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	.....	113.17	14.38
23 05 29 00-0519	EA	10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	.....	108.60	14.38
23 05 29 00-0520	EA	10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	.....	114.46	14.38
<b>23 05 29 00-0521</b>		<b>Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly</b> <small>(23 05 29 00-0491)</small>			
23 05 29 00-0522	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	.....	136.06	11.51
23 05 29 00-0523	EA	7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	.....	152.47	11.51
23 05 29 00-0524	EA	8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	.....	200.17	14.38
23 05 29 00-0525	EA	9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	.....	267.23	14.38
23 05 29 00-0526	EA	9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	.....	366.83	14.38
<b>23 05 29 00-0527</b>		<b>Rooftop Support Base And Adjustable Height Roller Assembly</b> <small>(23 05 29 00-0491)</small>			
		Note: Includes base, two zinc all threaded rod risers and pipe roller.			
23 05 29 00-0528	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12)	.....	168.24	17.26
<b>23 05 29 00-0529</b>		<b>Rooftop Support Base And Adjustable Height Channel Assembly</b> <small>(23 05 29 00-0491)</small>			
		Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.			
23 05 29 00-0530	EA	Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8)	.....	108.90	14.38
23 05 29 00-0531	EA	Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12)	.....	149.49	17.26
23 05 29 00-0532	EA	Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16)	.....	166.29	20.14
<b>23 05 29 00-0533</b>		<b>Rooftop Support Bases With Channel Support And Risers Assembly</b> <small>(23 05 29 00-0491)</small>			
		Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).			
23 05 29 00-0534	EA	23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	.....	413.26	23.01
23 05 29 00-0535	EA	29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	.....	417.98	23.01
23 05 29 00-0536	EA	41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	.....	434.54	23.01
23 05 29 00-0537	EA	53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	.....	472.55	23.01
23 05 29 00-0538	EA	23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	.....	404.84	23.01
23 05 29 00-0539	EA	29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	.....	420.68	23.01
23 05 29 00-0540	EA	41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	.....	437.24	23.01
23 05 29 00-0541	EA	53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	.....	475.23	23.01
23 05 29 00-0542	EA	23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	.....	423.67	23.01
23 05 29 00-0543	EA	29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	.....	429.20	23.01
23 05 29 00-0544	EA	41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	.....	445.43	23.01



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0545 EA 53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS) .....	483.60	23.01
23 05 29 00-0546 EA 23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS) .....	442.91	23.01
23 05 29 00-0547 EA 29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS) .....	447.95	23.01
23 05 29 00-0548 EA 41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS) .....	464.19	23.01
23 05 29 00-0549 EA 53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS) .....	502.35	23.01
<b>23 05 29 00-0550 Threaded Rod, Accessories And Attachments (23 05 29)</b>		
<b>23 05 29 00-0551 Threaded Rod And Rod Accessories (23 05 29 00-0550)</b>		
<b>23 05 29 00-0552 Threaded Rod (23 05 29 00-0551)</b>		
Note: Fully threaded.		
23 05 29 00-0553 LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	4.44	0.72
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0554 LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	6.30	0.78
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0555 LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	8.98	0.80
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0556 LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	15.06	0.82
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0557 LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	16.45	0.85
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0558 LF 1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	22.64	0.96
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0559 LF 1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	28.28	1.07
For Galvanized, Add		
For Zinc Plated, Add		
For Work In Restricted Working Space, Add		
<b>23 05 29 00-0560 Rod Couplings (23 05 29 00-0551)</b>		
23 05 29 00-0561 EA 3/8" Diameter, Threaded Rod Coupling Nut .....	8.88	
For Work In Restricted Working Space, Add		
23 05 29 00-0562 EA 1/2" Diameter, Threaded Rod Coupling Nut .....	10.12	
For Work In Restricted Working Space, Add		
23 05 29 00-0563 EA 5/8" Diameter, Threaded Rod Coupling Nut .....	12.88	
For Work In Restricted Working Space, Add		
23 05 29 00-0564 EA 3/4" Diameter, Threaded Rod Coupling Nut .....	15.95	
For Work In Restricted Working Space, Add		
23 05 29 00-0565 EA 7/8" Diameter, Threaded Rod Coupling Nut .....	24.16	
For Work In Restricted Working Space, Add		
23 05 29 00-0566 EA 1" Diameter, Threaded Rod Coupling Nut .....	28.69	
For Work In Restricted Working Space, Add		
23 05 29 00-0567 EA 1-1/8" Diameter, Threaded Rod Coupling Nut .....	57.05	
For Work In Restricted Working Space, Add		
<b>23 05 29 00-0568 Flat Washers (23 05 29 00-0551)</b>		
Note: Zinc plated.		
23 05 29 00-0569 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.64	0.23
For Galvanized, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0570 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.88	0.23
For Galvanized, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0571 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.30	0.34
For Galvanized, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0572 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.78	0.34
For Galvanized, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0573 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	2.09	0.46
For Galvanized, Add		
For Work In Restricted Working Space, Add		
23 05 29 00-0574 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	2.46	0.46
For Galvanized, Add		
For Work In Restricted Working Space, Add		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 05 29 00-0575	EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	2.77 0.39 0.36	0.57
<b>23 05 29 00-0576</b>	<b>Hex Nuts</b> (23 05 29 00-0551) Note: Grade 2 and zinc plated.		
23 05 29 00-0577	EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	0.78 0.03 0.20	0.29
23 05 29 00-0578	EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.02 0.07 0.22	0.29
23 05 29 00-0579	EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.42 0.17 0.23	0.29
23 05 29 00-0580	EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	1.69 0.22 0.24	0.57
23 05 29 00-0581	EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	2.53 0.42 0.26	0.57
23 05 29 00-0582	EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	3.23 0.57 0.29	0.57
23 05 29 00-0583	EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut..... <i>For Galvanized, Add</i> <i>For Work In Restricted Working Space, Add</i>	5.37 1.08 0.32	0.57
<b>23 05 29 00-0584</b>	<b>Turnbuckle (Cooper B-Line B3202)</b> (23 05 29 00-0551) Note: Type 13.		
23 05 29 00-0585	EA 3/8" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	27.72 3.45	5.75
23 05 29 00-0586	EA 1/2" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	32.95 3.84	6.32
23 05 29 00-0587	EA 5/8" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	35.47 4.32	6.91
23 05 29 00-0588	EA 3/4" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	44.68 4.94	8.07
23 05 29 00-0589	EA 7/8" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	57.89 5.76	8.64
23 05 29 00-0590	EA 1" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	71.88 6.92	9.22
23 05 29 00-0591	EA 1-1/8" Turnbuckle (Cooper B-Line B3202)..... <i>For Work In Restricted Working Space, Add</i>	99.79 8.64	10.38
<b>23 05 29 00-0592</b>	<b>Swivel Turnbuckle (Cooper B-Line B3224)</b> (23 05 29 00-0551) Note: Type 15.		
23 05 29 00-0593	EA 3/8" Swivel Turnbuckle (Cooper B-Line B3224)..... <i>For Work In Restricted Working Space, Add</i>	17.48 3.45	5.75
23 05 29 00-0594	EA 1/2" Swivel Turnbuckle (Cooper B-Line B3224)..... <i>For Work In Restricted Working Space, Add</i>	20.23 3.84	6.44
23 05 29 00-0595	EA 5/8" Swivel Turnbuckle (Cooper B-Line B3224)..... <i>For Work In Restricted Working Space, Add</i>	26.89 4.32	7.14
23 05 29 00-0596	EA 3/4" Swivel Turnbuckle (Cooper B-Line B3224)..... <i>For Work In Restricted Working Space, Add</i>	32.52 4.94	8.18
<b>23 05 29 00-0597</b>	<b>Forged Steel Clevis (Cooper B-Line B3201)</b> (23 05 29 00-0551) Note: Type 14.		
23 05 29 00-0598	EA 3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	92.74 6.36	10.60
23 05 29 00-0599	EA 4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	136.99 6.69	11.12
23 05 29 00-0600	EA 5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	148.18 7.06	11.66
23 05 29 00-0601	EA 5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	154.30 7.48	12.71
23 05 29 00-0602	EA 5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	162.36 8.48	14.31
23 05 29 00-0603	EA 6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	270.76 11.12	18.55
23 05 29 00-0604	EA 5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	293.83 12.71	21.19
23 05 29 00-0605	EA 7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201)..... <i>For Work In Restricted Working Space, Add</i>	346.32 15.89	26.49
<b>23 05 29 00-0606</b>	<b>Welded Eye Rod (Cooper B-Line B3211)</b> (23 05 29 00-0551)		
23 05 29 00-0607	EA 3/8" Diameter x 8" Length Shank, Welded Eye Rod..... <i>For Work In Restricted Working Space, Add</i>	27.55 3.74	6.21



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0608	EA		3/8" Diameter x 10" Length Shank, Welded Eye Rod	28.43	6.32
			<i>For Work In Restricted Working Space, Add</i>	3.81	
23 05 29 00-0609	EA		3/8" Diameter x 12" Length Shank, Welded Eye Rod	29.31	6.44
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0610	EA		3/8" Diameter x 14" Length Shank, Welded Eye Rod	29.55	6.56
			<i>For Work In Restricted Working Space, Add</i>	3.95	
23 05 29 00-0611	EA		3/8" Diameter x 18" Length Shank, Welded Eye Rod	31.33	6.79
			<i>For Work In Restricted Working Space, Add</i>	4.10	
23 05 29 00-0612	EA		3/8" Diameter x 24" Length Shank, Welded Eye Rod	33.38	7.25
			<i>For Work In Restricted Working Space, Add</i>	4.31	
23 05 29 00-0613	EA		3/8" Diameter x 30" Length Shank, Welded Eye Rod	34.74	7.59
			<i>For Work In Restricted Working Space, Add</i>	4.53	
23 05 29 00-0614	EA		3/8" Diameter x 36" Length Shank, Welded Eye Rod	37.44	7.93
			<i>For Work In Restricted Working Space, Add</i>	4.75	
23 05 29 00-0615	EA		3/8" Diameter x 42" Length Shank, Welded Eye Rod	39.46	8.29
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0616	EA		3/8" Diameter x 48" Length Shank, Welded Eye Rod	41.50	8.63
			<i>For Work In Restricted Working Space, Add</i>	5.18	
23 05 29 00-0617	EA		1/2" Diameter x 8" Length Shank, Welded Eye Rod	36.74	6.91
			<i>For Work In Restricted Working Space, Add</i>	4.15	
23 05 29 00-0618	EA		1/2" Diameter x 10" Length Shank, Welded Eye Rod	37.63	7.03
			<i>For Work In Restricted Working Space, Add</i>	4.22	
23 05 29 00-0619	EA		1/2" Diameter x 12" Length Shank, Welded Eye Rod	38.56	7.14
			<i>For Work In Restricted Working Space, Add</i>	4.30	
23 05 29 00-0620	EA		1/2" Diameter x 14" Length Shank, Welded Eye Rod	39.47	7.26
			<i>For Work In Restricted Working Space, Add</i>	4.37	
23 05 29 00-0621	EA		1/2" Diameter x 18" Length Shank, Welded Eye Rod	41.29	7.49
			<i>For Work In Restricted Working Space, Add</i>	4.63	
23 05 29 00-0622	EA		1/2" Diameter x 24" Length Shank, Welded Eye Rod	44.67	7.95
			<i>For Work In Restricted Working Space, Add</i>	4.76	
23 05 29 00-0623	EA		1/2" Diameter x 30" Length Shank, Welded Eye Rod	47.41	8.30
			<i>For Work In Restricted Working Space, Add</i>	4.99	
23 05 29 00-0624	EA		1/2" Diameter x 36" Length Shank, Welded Eye Rod	50.79	8.64
			<i>For Work In Restricted Working Space, Add</i>	5.22	
23 05 29 00-0625	EA		1/2" Diameter x 42" Length Shank, Welded Eye Rod	53.50	9.11
			<i>For Work In Restricted Working Space, Add</i>	5.45	
23 05 29 00-0626	EA		1/2" Diameter x 48" Length Shank, Welded Eye Rod	56.26	9.45
			<i>For Work In Restricted Working Space, Add</i>	5.68	
23 05 29 00-0627	EA		5/8" Diameter x 8" Length Shank, Welded Eye Rod	49.51	7.73
			<i>For Work In Restricted Working Space, Add</i>	4.64	
23 05 29 00-0628	EA		5/8" Diameter x 10" Length Shank, Welded Eye Rod	51.07	7.84
			<i>For Work In Restricted Working Space, Add</i>	4.72	
23 05 29 00-0629	EA		5/8" Diameter x 12" Length Shank, Welded Eye Rod	52.67	7.95
			<i>For Work In Restricted Working Space, Add</i>	4.80	
23 05 29 00-0630	EA		5/8" Diameter x 14" Length Shank, Welded Eye Rod	53.59	8.18
			<i>For Work In Restricted Working Space, Add</i>	4.88	
23 05 29 00-0631	EA		5/8" Diameter x 18" Length Shank, Welded Eye Rod	56.08	8.41
			<i>For Work In Restricted Working Space, Add</i>	5.04	
23 05 29 00-0632	EA		5/8" Diameter x 24" Length Shank, Welded Eye Rod	60.15	8.75
			<i>For Work In Restricted Working Space, Add</i>	5.28	
23 05 29 00-0633	EA		5/8" Diameter x 30" Length Shank, Welded Eye Rod	64.21	9.22
			<i>For Work In Restricted Working Space, Add</i>	5.51	
23 05 29 00-0634	EA		5/8" Diameter x 36" Length Shank, Welded Eye Rod	67.62	9.57
			<i>For Work In Restricted Working Space, Add</i>	5.75	
23 05 29 00-0635	EA		5/8" Diameter x 42" Length Shank, Welded Eye Rod	71.70	10.02
			<i>For Work In Restricted Working Space, Add</i>	5.99	
23 05 29 00-0636	EA		5/8" Diameter x 48" Length Shank, Welded Eye Rod	75.75	10.38
			<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0637	EA		3/4" Diameter x 8" Length Shank, Welded Eye Rod	60.78	8.75
			<i>For Work In Restricted Working Space, Add</i>	5.27	
23 05 29 00-0638	EA		3/4" Diameter x 10" Length Shank, Welded Eye Rod	63.02	8.87
			<i>For Work In Restricted Working Space, Add</i>	5.35	
23 05 29 00-0639	EA		3/4" Diameter x 12" Length Shank, Welded Eye Rod	64.59	9.11
			<i>For Work In Restricted Working Space, Add</i>	5.43	
23 05 29 00-0640	EA		3/4" Diameter x 14" Length Shank, Welded Eye Rod	66.83	9.22
			<i>For Work In Restricted Working Space, Add</i>	5.52	
23 05 29 00-0641	EA		3/4" Diameter x 18" Length Shank, Welded Eye Rod	70.66	9.45
			<i>For Work In Restricted Working Space, Add</i>	5.68	
23 05 29 00-0642	EA		3/4" Diameter x 24" Length Shank, Welded Eye Rod	76.04	9.91
			<i>For Work In Restricted Working Space, Add</i>	5.93	
23 05 29 00-0643	EA		3/4" Diameter x 30" Length Shank, Welded Eye Rod	81.44	10.25
			<i>For Work In Restricted Working Space, Add</i>	6.17	
23 05 29 00-0644	EA		3/4" Diameter x 36" Length Shank, Welded Eye Rod	87.51	10.72
			<i>For Work In Restricted Working Space, Add</i>	6.42	
23 05 29 00-0645	EA		3/4" Diameter x 42" Length Shank, Welded Eye Rod	93.54	11.06
			<i>For Work In Restricted Working Space, Add</i>	6.66	
23 05 29 00-0646	EA		3/4" Diameter x 48" Length Shank, Welded Eye Rod	98.95	11.52
			<i>For Work In Restricted Working Space, Add</i>	6.91	
23 05 29 00-0647	EA		7/8" Diameter x 8" Length Shank, Welded Eye Rod	72.75	10.14
			<i>For Work In Restricted Working Space, Add</i>	6.12	
23 05 29 00-0648	EA		7/8" Diameter x 10" Length Shank, Welded Eye Rod	75.64	10.38
			<i>For Work In Restricted Working Space, Add</i>	6.20	
23 05 29 00-0649	EA		7/8" Diameter x 12" Length Shank, Welded Eye Rod	77.90	10.49
			<i>For Work In Restricted Working Space, Add</i>	6.29	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0650	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	.....	80.14	10.61
		<i>For Work In Restricted Working Space, Add</i>		6.37	
23 05 29 00-0651	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	.....	84.66	10.95
		<i>For Work In Restricted Working Space, Add</i>		6.54	
23 05 29 00-0652	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	.....	92.04	11.29
		<i>For Work In Restricted Working Space, Add</i>		6.80	
23 05 29 00-0653	EA	7/8" Diameter x 30" Length Shank, Welded Eye Rod	.....	98.78	11.76
		<i>For Work In Restricted Working Space, Add</i>		7.05	
23 05 29 00-0654	EA	7/8" Diameter x 36" Length Shank, Welded Eye Rod	.....	106.18	12.22
		<i>For Work In Restricted Working Space, Add</i>		7.31	
23 05 29 00-0655	EA	7/8" Diameter x 42" Length Shank, Welded Eye Rod	.....	112.92	12.56
		<i>For Work In Restricted Working Space, Add</i>		7.56	
23 05 29 00-0656	EA	7/8" Diameter x 48" Length Shank, Welded Eye Rod	.....	119.67	13.02
		<i>For Work In Restricted Working Space, Add</i>		7.82	
23 05 29 00-0657	EA	1" Diameter x 8" Length Shank, Welded Eye Rod	.....	91.10	12.22
		<i>For Work In Restricted Working Space, Add</i>		7.30	
23 05 29 00-0658	EA	1" Diameter x 10" Length Shank, Welded Eye Rod	.....	94.04	12.33
		<i>For Work In Restricted Working Space, Add</i>		7.40	
23 05 29 00-0659	EA	1" Diameter x 12" Length Shank, Welded Eye Rod	.....	96.98	12.45
		<i>For Work In Restricted Working Space, Add</i>		7.49	
23 05 29 00-0660	EA	1" Diameter x 14" Length Shank, Welded Eye Rod	.....	99.91	12.67
		<i>For Work In Restricted Working Space, Add</i>		7.58	
23 05 29 00-0661	EA	1" Diameter x 18" Length Shank, Welded Eye Rod	.....	105.77	13.02
		<i>For Work In Restricted Working Space, Add</i>		7.78	
23 05 29 00-0662	EA	1" Diameter x 24" Length Shank, Welded Eye Rod	.....	114.60	13.49
		<i>For Work In Restricted Working Space, Add</i>		8.07	
23 05 29 00-0663	EA	1" Diameter x 30" Length Shank, Welded Eye Rod	.....	123.43	13.94
		<i>For Work In Restricted Working Space, Add</i>		8.36	
23 05 29 00-0664	EA	1" Diameter x 36" Length Shank, Welded Eye Rod	.....	132.86	14.40
		<i>For Work In Restricted Working Space, Add</i>		8.64	
23 05 29 00-0665	EA	1" Diameter x 42" Length Shank, Welded Eye Rod	.....	141.68	14.87
		<i>For Work In Restricted Working Space, Add</i>		8.93	
23 05 29 00-0666	EA	1" Diameter x 48" Length Shank, Welded Eye Rod	.....	150.51	15.33
		<i>For Work In Restricted Working Space, Add</i>		9.22	
<b>23 05 29 00-0667</b>		<b>Welded Linked Eye Rod (Cooper B-Line B3211X)</b> <small>(23 05 29 00-0551)</small>			
23 05 29 00-0668	EA	3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	.....	57.42	8.40
		<i>For Work In Restricted Working Space, Add</i>		5.06	
23 05 29 00-0669	EA	3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	.....	58.97	8.63
		<i>For Work In Restricted Working Space, Add</i>		5.21	
23 05 29 00-0670	EA	3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	.....	60.53	8.97
		<i>For Work In Restricted Working Space, Add</i>		5.35	
23 05 29 00-0671	EA	3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	.....	61.26	9.32
		<i>For Work In Restricted Working Space, Add</i>		5.57	
23 05 29 00-0672	EA	3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	.....	64.13	9.67
		<i>For Work In Restricted Working Space, Add</i>		5.78	
23 05 29 00-0673	EA	3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	.....	67.79	10.35
		<i>For Work In Restricted Working Space, Add</i>		6.21	
23 05 29 00-0674	EA	3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	.....	70.30	11.05
		<i>For Work In Restricted Working Space, Add</i>		6.65	
23 05 29 00-0675	EA	3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod	.....	75.02	11.85
		<i>For Work In Restricted Working Space, Add</i>		7.07	
23 05 29 00-0676	EA	1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod	.....	74.18	9.34
		<i>For Work In Restricted Working Space, Add</i>		5.60	
23 05 29 00-0677	EA	1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod	.....	75.77	9.57
		<i>For Work In Restricted Working Space, Add</i>		5.76	
23 05 29 00-0678	EA	1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod	.....	77.41	9.79
		<i>For Work In Restricted Working Space, Add</i>		5.91	
23 05 29 00-0679	EA	1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod	.....	79.27	10.25
		<i>For Work In Restricted Working Space, Add</i>		6.14	
23 05 29 00-0680	EA	1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod	.....	82.18	10.61
		<i>For Work In Restricted Working Space, Add</i>		6.37	
23 05 29 00-0681	EA	1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod	.....	88.10	11.41
		<i>For Work In Restricted Working Space, Add</i>		6.83	
23 05 29 00-0682	EA	1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod	.....	92.92	12.10
		<i>For Work In Restricted Working Space, Add</i>		7.29	
23 05 29 00-0683	EA	1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod	.....	98.82	12.90
		<i>For Work In Restricted Working Space, Add</i>		7.75	
23 05 29 00-0684	EA	5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod	.....	99.23	10.38
		<i>For Work In Restricted Working Space, Add</i>		6.26	
23 05 29 00-0685	EA	5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod	.....	101.91	10.72
		<i>For Work In Restricted Working Space, Add</i>		6.41	
23 05 29 00-0686	EA	5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod	.....	104.65	10.95
		<i>For Work In Restricted Working Space, Add</i>		6.57	
23 05 29 00-0687	EA	5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod	.....	106.54	11.41
		<i>For Work In Restricted Working Space, Add</i>		6.81	
23 05 29 00-0688	EA	5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod	.....	110.60	11.76
		<i>For Work In Restricted Working Space, Add</i>		7.05	
23 05 29 00-0689	EA	5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod	.....	117.65	12.56
		<i>For Work In Restricted Working Space, Add</i>		7.53	
23 05 29 00-0690	EA	5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod	.....	124.67	13.37
		<i>For Work In Restricted Working Space, Add</i>		8.00	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0691	EA		5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	130.63	14.17
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 05 29 00-0692	EA		3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	125.41	11.76
			<i>For Work In Restricted Working Space, Add</i>	7.08	
23 05 29 00-0693	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	129.28	12.10
			<i>For Work In Restricted Working Space, Add</i>	7.25	
23 05 29 00-0694	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	131.98	12.33
			<i>For Work In Restricted Working Space, Add</i>	7.41	
23 05 29 00-0695	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	136.07	12.79
			<i>For Work In Restricted Working Space, Add</i>	7.66	
23 05 29 00-0696	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	142.34	13.14
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0697	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	151.59	13.94
			<i>For Work In Restricted Working Space, Add</i>	8.39	
23 05 29 00-0698	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	160.87	14.75
			<i>For Work In Restricted Working Space, Add</i>	8.88	
23 05 29 00-0699	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	171.25	15.67
			<i>For Work In Restricted Working Space, Add</i>	9.38	
23 05 29 00-0700	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	150.63	13.60
			<i>For Work In Restricted Working Space, Add</i>	8.19	
23 05 29 00-0701	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	155.56	13.94
			<i>For Work In Restricted Working Space, Add</i>	8.36	
23 05 29 00-0702	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	159.41	14.17
			<i>For Work In Restricted Working Space, Add</i>	8.53	
23 05 29 00-0703	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	163.52	14.64
			<i>For Work In Restricted Working Space, Add</i>	8.78	
23 05 29 00-0704	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	170.96	15.10
			<i>For Work In Restricted Working Space, Add</i>	9.04	
23 05 29 00-0705	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	183.55	15.91
			<i>For Work In Restricted Working Space, Add</i>	9.55	
23 05 29 00-0706	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	195.06	16.82
			<i>For Work In Restricted Working Space, Add</i>	10.06	
23 05 29 00-0707	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	207.68	17.63
			<i>For Work In Restricted Working Space, Add</i>	10.58	
23 05 29 00-0708	EA		1" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	191.84	16.25
			<i>For Work In Restricted Working Space, Add</i>	9.76	
23 05 29 00-0709	EA		1" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	196.85	16.59
			<i>For Work In Restricted Working Space, Add</i>	9.95	
23 05 29 00-0710	EA		1" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	201.86	16.94
			<i>For Work In Restricted Working Space, Add</i>	10.14	
23 05 29 00-0711	EA		1" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	207.19	17.41
			<i>For Work In Restricted Working Space, Add</i>	10.43	
23 05 29 00-0712	EA		1" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	216.83	17.86
			<i>For Work In Restricted Working Space, Add</i>	10.72	
23 05 29 00-0713	EA		1" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	231.87	18.79
			<i>For Work In Restricted Working Space, Add</i>	11.30	
23 05 29 00-0714	EA		1" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	246.91	19.82
			<i>For Work In Restricted Working Space, Add</i>	11.87	
23 05 29 00-0715	EA		1" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	262.94	20.74
			<i>For Work In Restricted Working Space, Add</i>	12.45	
23 05 29 00-0716			<b>Attachments</b> (23 05 29 00-0550)		
23 05 29 00-0717			<b>Welded Beam Attachments (B-Line B-3083)</b> (23 05 29 00-0716)		
			Note: Type 22.		
23 05 29 00-0718	EA		3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	56.08	10.71
			<i>For Work In Restricted Working Space, Add</i>	6.42	
23 05 29 00-0719	EA		1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	59.97	11.26
			<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0720	EA		5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	63.91	11.91
			<i>For Work In Restricted Working Space, Add</i>	7.15	
23 05 29 00-0721	EA		3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	83.30	12.66
			<i>For Work In Restricted Working Space, Add</i>	7.57	
23 05 29 00-0722	EA		7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	101.11	13.40
			<i>For Work In Restricted Working Space, Add</i>	8.05	
23 05 29 00-0723	EA		1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	144.07	15.34
			<i>For Work In Restricted Working Space, Add</i>	9.20	
23 05 29 00-0724	EA		1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	207.79	16.09
			<i>For Work In Restricted Working Space, Add</i>	9.65	
23 05 29 00-0725			<b>C-Clamp Style Beam Clamps (B-Line B-3034)</b> (23 05 29 00-0716)		
			Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0726	EA		3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	18.62	5.87
			<i>For Work In Restricted Working Space, Add</i>	4.31	
23 05 29 00-0727	EA		1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	22.70	7.49
			<i>For Work In Restricted Working Space, Add</i>	4.61	
23 05 29 00-0728	EA		5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	26.00	8.07
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 05 29 00-0729	EA		3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	34.29	8.64
			<i>For Work In Restricted Working Space, Add</i>	5.32	
23 05 29 00-0730	EA		7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	51.38	9.22
			<i>For Work In Restricted Working Space, Add</i>	5.76	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>23 05 29 00-0731 Bottom Mount I-Beam Clamps (B-Line B-3055)</b> <small>(23 05 29 00-0716)</small>			
Note: Type 21. For attaching threaded rod centered under beam flanges.			
23 05 29 00-0732	EA	3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	56.40 8.06
		<i>For Work In Restricted Working Space, Add</i>	5.75
23 05 29 00-0733	EA	1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	84.74 10.38
		<i>For Work In Restricted Working Space, Add</i>	6.29
23 05 29 00-0734	EA	5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	122.79 11.52
		<i>For Work In Restricted Working Space, Add</i>	6.92
23 05 29 00-0735	EA	3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	147.46 12.67
		<i>For Work In Restricted Working Space, Add</i>	7.68
23 05 29 00-0736	EA	1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	365.27 13.83
		<i>For Work In Restricted Working Space, Add</i>	8.64
<b>23 05 29 00-0737 Steel U-Bolts (B-Line B-3188)</b> <small>(23 05 29 00-0716)</small>			
Note: Type 24. Includes plate and nuts.			
23 05 29 00-0738	EA	1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	15.24 2.88
		<i>For Work In Restricted Working Space, Add</i>	3.45
23 05 29 00-0739	EA	3/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	16.62 3.45
		<i>For Work In Restricted Working Space, Add</i>	3.63
23 05 29 00-0740	EA	1" Pipe Size, Steel U-Bolt (B-Line B-3188).....	17.96 3.45
		<i>For Work In Restricted Working Space, Add</i>	3.84
23 05 29 00-0741	EA	1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	20.65 3.45
		<i>For Work In Restricted Working Space, Add</i>	4.06
23 05 29 00-0742	EA	1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	21.23 4.03
		<i>For Work In Restricted Working Space, Add</i>	4.31
23 05 29 00-0743	EA	2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	22.75 4.03
		<i>For Work In Restricted Working Space, Add</i>	4.61
23 05 29 00-0744	EA	2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	34.16 4.03
		<i>For Work In Restricted Working Space, Add</i>	4.93
23 05 29 00-0745	EA	3" Pipe Size, Steel U-Bolt (B-Line B-3188).....	37.77 4.60
		<i>For Work In Restricted Working Space, Add</i>	5.31
23 05 29 00-0746	EA	4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	46.17 5.18
		<i>For Work In Restricted Working Space, Add</i>	5.75
<b>23 05 29 00-0747 Copper Standoff Brackets With Flange</b> <small>(23 05 29 00-0716)</small>			
Note: Installed in wood, concrete, concrete block or steel.			
23 05 29 00-0748	EA	Clamp Size 1/2", Copper Standoff Brackets With Flange.....	34.79 16.48
		<i>For Work In Restricted Working Space, Add</i>	9.88
23 05 29 00-0749	EA	Clamp Size 3/4", Copper Standoff Brackets With Flange.....	34.90 16.48
		<i>For Work In Restricted Working Space, Add</i>	9.88
23 05 29 00-0750	EA	Clamp Size 1", Copper Standoff Brackets With Flange.....	35.01 16.48
		<i>For Work In Restricted Working Space, Add</i>	9.88
23 05 29 00-0751	EA	Clamp Size 1 1/4", Copper Standoff Brackets With Flange.....	37.23 17.52
		<i>For Work In Restricted Working Space, Add</i>	10.48
23 05 29 00-0752	EA	Clamp Size 1 1/2", Copper Standoff Brackets With Flange.....	37.45 17.52
		<i>For Work In Restricted Working Space, Add</i>	10.48
<b>23 05 29 00-0753 Malleable Iron Eye Sockets (B-Line B-3222)</b> <small>(23 05 29 00-0716)</small>			
Note: Type 16.			
23 05 29 00-0754	EA	3/8" Rod Size, Malleable Iron Eye Socket.....	12.88 1.73
		<i>For Work In Restricted Working Space, Add</i>	1.05
23 05 29 00-0755	EA	1/2" Rod Size, Malleable Iron Eye Socket.....	16.38 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.38
23 05 29 00-0756	EA	5/8" Rod Size, Malleable Iron Eye Socket.....	28.82 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.40
23 05 29 00-0757	EA	3/4" Rod Size, Malleable Iron Eye Socket.....	41.05 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.38
23 05 29 00-0758	EA	7/8" Rod Size, Malleable Iron Eye Socket.....	44.16 2.88
		<i>For Work In Restricted Working Space, Add</i>	1.73
<b>23 05 29 00-0759 Steel Weldless Eye Nuts (B-Line B-3200)</b> <small>(23 05 29 00-0716)</small>			
Note: Type 17.			
23 05 29 00-0760	EA	3/8" Rod Size, Steel Weldless Eye Nut.....	43.58 1.73
		<i>For Work In Restricted Working Space, Add</i>	1.05
23 05 29 00-0761	EA	1/2" Rod Size, Steel Weldless Eye Nut.....	44.69 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.38
23 05 29 00-0762	EA	5/8" Rod Size, Steel Weldless Eye Nut.....	44.73 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.40
23 05 29 00-0763	EA	3/4" Rod Size, Steel Weldless Eye Nut.....	44.69 2.31
		<i>For Work In Restricted Working Space, Add</i>	1.38
23 05 29 00-0764	EA	7/8" Rod Size, Steel Weldless Eye Nut.....	87.91 2.54
		<i>For Work In Restricted Working Space, Add</i>	1.56
23 05 29 00-0765	EA	1" Rod Size, Steel Weldless Eye Nut.....	88.48 2.88
		<i>For Work In Restricted Working Space, Add</i>	1.73
<b>23 05 29 00-0766 Top Mount I-Beam Clamps (B-Line B-3042)</b> <small>(23 05 29 00-0716)</small>			
Note: For attaching threaded rod to either side of an I-beam.			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0767 EA 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	27.73 3.21	5.35
23 05 29 00-0768 EA 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	33.61 3.55	5.90
23 05 29 00-0769 EA 5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	41.01 3.90	6.44
23 05 29 00-0770 EA 3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	57.26 4.10	6.97
23 05 29 00-0771 EA 7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	88.93 4.82	8.05
23 05 29 00-0772 EA 3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	29.31 3.21	5.35
23 05 29 00-0773 EA 1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	35.84 3.55	5.90
23 05 29 00-0774 EA 5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	41.01 3.90	6.44
23 05 29 00-0775 EA 3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	63.13 4.10	6.97
23 05 29 00-0776 EA 7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	98.96 4.82	8.05
23 05 29 00-0777 EA 3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	32.98 3.21	5.35
23 05 29 00-0778 EA 1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	39.97 3.55	5.90
23 05 29 00-0779 EA 5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	50.69 3.90	6.44
23 05 29 00-0780 EA 3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	74.12 4.10	6.97
23 05 29 00-0781 EA 7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp ..... <i>For Work In Restricted Working Space, Add</i>	120.45 4.82	8.05
<b>23 05 29 00-0782 Side Beam Brackets (B-Line B-3062) (23 05 29 00-0716)</b>		
Note: Type 34.		
23 05 29 00-0783 EA 3/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	21.23 4.31	7.48
23 05 29 00-0784 EA 1/2" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	25.53 4.61	7.49
23 05 29 00-0785 EA 5/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	33.81 4.94	8.07
23 05 29 00-0786 EA 3/4" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	62.60 5.32	8.64
23 05 29 00-0787 EA 7/8" Rod Size, Side Beam Bracket ..... <i>For Work In Restricted Working Space, Add</i>	73.62 5.76	9.79
<b>23 05 29 00-0788 Hex Lag Bolts (23 05 29 00-0716)</b>		
Note: Also known as coach screws.		
23 05 29 00-0789 EA 3/8" x 3-1/2" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.41 0.72	
23 05 29 00-0790 EA 3/8" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.32 0.74	
23 05 29 00-0791 EA 3/8" x 6" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	3.79 0.77	
23 05 29 00-0792 EA 3/8" x 8" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.65 0.80	
23 05 29 00-0793 EA 3/8" x 10" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.98 0.83	
23 05 29 00-0794 EA 3/8" x 12" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	6.95 0.86	
23 05 29 00-0795 EA 1/2" x 3-1/2" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.83 0.86	
23 05 29 00-0796 EA 1/2" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	4.63 0.90	
23 05 29 00-0797 EA 1/2" x 6" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	5.46 0.94	
23 05 29 00-0798 EA 1/2" x 8" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	6.41 0.98	
23 05 29 00-0799 EA 1/2" x 10" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	7.65 1.03	
23 05 29 00-0800 EA 1/2" x 12" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	8.21 1.08	
23 05 29 00-0801 EA 5/8" x 4" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	6.98 0.96	
23 05 29 00-0802 EA 3/4" x 5" Long, Hex Lag Bolt ..... <i>For Work In Restricted Working Space, Add</i>	8.38 0.96	
<b>23 05 29 00-0803 Hanger Strap (23 05 29 00-0550)</b>		
23 05 29 00-0804 LF 3/4" Wide x 0.025" Thick Galvanized Hanger Strap.....	5.58	
<b>23 05 29 00-0805 Shields And Saddles (23 05 29)</b>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 29 00-0806	Insulation Protection Shield <small>(23 05 29 00-0805)</small>		
	Note: Type 40.		
23 05 29 00-0807	Insulation Protection Shield (Cooper B-Line B3151) <small>(23 05 29 00-0806)</small>		
23 05 29 00-0808	EA 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	15.95	2.77
	<i>For Work In Restricted Working Space, Add</i>	2.77	
23 05 29 00-0809	EA 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	16.19	2.80
	<i>For Work In Restricted Working Space, Add</i>	2.80	
23 05 29 00-0810	EA 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	16.58	2.83
	<i>For Work In Restricted Working Space, Add</i>	2.84	
23 05 29 00-0811	EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	17.35	2.87
	<i>For Work In Restricted Working Space, Add</i>	2.87	
23 05 29 00-0812	EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	19.16	2.94
	<i>For Work In Restricted Working Space, Add</i>	2.94	
23 05 29 00-0813	EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151).....	23.31	3.01
	<i>For Work In Restricted Working Space, Add</i>	3.01	
23 05 29 00-0814	EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151).....	27.06	3.07
	<i>For Work In Restricted Working Space, Add</i>	3.08	
23 05 29 00-0815	EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151).....	33.01	3.14
	<i>For Work In Restricted Working Space, Add</i>	3.15	
23 05 29 00-0816	EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	42.29	3.18
	<i>For Work In Restricted Working Space, Add</i>	3.18	
23 05 29 00-0817	EA 14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	46.03	3.21
	<i>For Work In Restricted Working Space, Add</i>	3.22	
23 05 29 00-0818	EA 16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	63.21	3.25
	<i>For Work In Restricted Working Space, Add</i>	3.25	
23 05 29 00-0819	EA 18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	70.98	3.28
	<i>For Work In Restricted Working Space, Add</i>	3.29	
23 05 29 00-0820	EA 20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	131.34	3.31
	<i>For Work In Restricted Working Space, Add</i>	3.32	
23 05 29 00-0821	EA 24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	142.74	3.38
	<i>For Work In Restricted Working Space, Add</i>	3.39	
23 05 29 00-0822	EA 30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151).....	172.44	3.46
	<i>For Work In Restricted Working Space, Add</i>	3.46	
23 05 29 00-0823	Insulation Protection Shield (Cooper B-Line B3154) <small>(23 05 29 00-0806)</small>		
23 05 29 00-0824	EA 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	14.10	2.77
	<i>For Work In Restricted Working Space, Add</i>	2.77	
23 05 29 00-0825	EA 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	14.31	2.80
	<i>For Work In Restricted Working Space, Add</i>	2.80	
23 05 29 00-0826	EA 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	14.62	2.83
	<i>For Work In Restricted Working Space, Add</i>	2.84	
23 05 29 00-0827	EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	15.21	2.87
	<i>For Work In Restricted Working Space, Add</i>	2.87	
23 05 29 00-0828	EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	16.58	2.94
	<i>For Work In Restricted Working Space, Add</i>	2.94	
23 05 29 00-0829	EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154).....	19.66	3.01
	<i>For Work In Restricted Working Space, Add</i>	3.01	
23 05 29 00-0830	EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154).....	21.11	3.07
	<i>For Work In Restricted Working Space, Add</i>	3.08	
23 05 29 00-0831	EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154).....	26.82	3.14
	<i>For Work In Restricted Working Space, Add</i>	3.15	
23 05 29 00-0832	EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154).....	32.12	3.18
	<i>For Work In Restricted Working Space, Add</i>	3.18	
23 05 29 00-0833	Pipe Covering Protection Saddle <small>(23 05 29 00-0805)</small>		
	Note: Sizes are pipe sizes.		
23 05 29 00-0834	Saddle, For 1" Insulation (Cooper B-Line B3160) <small>(23 05 29 00-0833)</small>		
23 05 29 00-0835	EA 3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	24.42	3.80
	<i>For Work In Restricted Working Space, Add</i>	3.80	
23 05 29 00-0836	EA 1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	24.52	3.83
	<i>For Work In Restricted Working Space, Add</i>	3.83	
23 05 29 00-0837	EA 1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	24.63	3.86
	<i>For Work In Restricted Working Space, Add</i>	3.86	
23 05 29 00-0838	EA 1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	25.85	3.92
	<i>For Work In Restricted Working Space, Add</i>	3.93	
23 05 29 00-0839	EA 2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	25.95	3.96
	<i>For Work In Restricted Working Space, Add</i>	3.96	
23 05 29 00-0840	EA 2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	26.80	4.02
	<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0841	EA 3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	29.80	4.08
	<i>For Work In Restricted Working Space, Add</i>	4.09	
23 05 29 00-0842	EA 4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	33.43	4.16
	<i>For Work In Restricted Working Space, Add</i>	4.15	
23 05 29 00-0843	EA 6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	37.58	4.28
	<i>For Work In Restricted Working Space, Add</i>	4.28	
23 05 29 00-0844	EA 8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	45.73	4.44
	<i>For Work In Restricted Working Space, Add</i>	4.44	
23 05 29 00-0845	EA 10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160).....	51.09	4.50
	<i>For Work In Restricted Working Space, Add</i>	4.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0846 EA 12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) ..... <i>For Work In Restricted Working Space, Add</i>	60.55 4.60	4.50
23 05 29 00-0847 EA 14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160) ..... <i>For Work In Restricted Working Space, Add</i>	66.10 4.67	4.66
<b>23 05 29 00-0848 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)</b> <small>(23 05 29 00-0833)</small>		
23 05 29 00-0849 EA 3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	27.55 3.80	3.80
23 05 29 00-0850 EA 1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	27.65 3.83	3.83
23 05 29 00-0851 EA 1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	27.76 3.86	3.86
23 05 29 00-0852 EA 1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	28.77 3.93	3.92
23 05 29 00-0853 EA 2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	31.04 3.96	3.96
23 05 29 00-0854 EA 2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	33.43 4.02	4.02
23 05 29 00-0855 EA 3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	34.00 4.09	4.08
23 05 29 00-0856 EA 4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	38.60 4.15	4.08
23 05 29 00-0857 EA 6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	43.43 4.28	4.28
23 05 29 00-0858 EA 8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	51.47 4.44	4.44
23 05 29 00-0859 EA 10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	57.88 4.50	4.50
23 05 29 00-0860 EA 12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	68.92 4.60	4.60
23 05 29 00-0861 EA 14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) ..... <i>For Work In Restricted Working Space, Add</i>	75.49 4.67	4.66
<b>23 05 29 00-0862 Saddle, For 2" Insulation (Cooper B-Line B3162)</b> <small>(23 05 29 00-0833)</small>		
23 05 29 00-0863 EA 3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	29.48 3.99	3.99
23 05 29 00-0864 EA 1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	29.58 4.02	4.02
23 05 29 00-0865 EA 1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	31.17 4.06	4.05
23 05 29 00-0866 EA 1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	32.11 4.12	4.11
23 05 29 00-0867 EA 2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	32.94 4.15	4.16
23 05 29 00-0868 EA 2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	33.16 4.22	4.23
23 05 29 00-0869 EA 3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	35.06 4.28	4.29
23 05 29 00-0870 EA 4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	36.96 4.34	4.36
23 05 29 00-0871 EA 6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	47.18 4.50	4.49
23 05 29 00-0872 EA 8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	53.52 4.67	4.66
23 05 29 00-0873 EA 10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	56.20 4.73	4.73
23 05 29 00-0874 EA 12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	75.94 4.83	4.83
23 05 29 00-0875 EA 14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	84.13 4.89	4.90
23 05 29 00-0876 EA 16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	92.53 5.02	5.02
23 05 29 00-0877 EA 18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	100.93 5.15	5.14
23 05 29 00-0878 EA 20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	110.72 5.28	5.28
23 05 29 00-0879 EA 24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162) ..... <i>For Work In Restricted Working Space, Add</i>	126.85 5.41	5.41
<b>23 05 29 00-0880 Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)</b> <small>(23 05 29 00-0833)</small>		
23 05 29 00-0881 EA 1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) ..... <i>For Work In Restricted Working Space, Add</i>	33.05 4.15	4.16
23 05 29 00-0882 EA 1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) ..... <i>For Work In Restricted Working Space, Add</i>	34.91 4.22	4.22
23 05 29 00-0883 EA 2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) ..... <i>For Work In Restricted Working Space, Add</i>	35.85 4.25	4.26
23 05 29 00-0884 EA 2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) ..... <i>For Work In Restricted Working Space, Add</i>	36.88 4.31	4.32
23 05 29 00-0885 EA 3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) ..... <i>For Work In Restricted Working Space, Add</i>	37.21 4.41	4.40

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0886	EA		4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	43.31	4.46
			<i>For Work In Restricted Working Space, Add</i>	4.47	
23 05 29 00-0887	EA		6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	49.64	4.60
			<i>For Work In Restricted Working Space, Add</i>	4.60	
23 05 29 00-0888	EA		8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	57.87	4.78
			<i>For Work In Restricted Working Space, Add</i>	4.76	
23 05 29 00-0889	EA		10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	62.06	4.85
			<i>For Work In Restricted Working Space, Add</i>	4.86	
23 05 29 00-0890	EA		12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	77.91	4.94
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0891	EA		14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	92.60	5.02
			<i>For Work In Restricted Working Space, Add</i>	5.02	
23 05 29 00-0892	EA		16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	107.51	5.13
			<i>For Work In Restricted Working Space, Add</i>	5.15	
23 05 29 00-0893	EA		18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	114.23	5.27
			<i>For Work In Restricted Working Space, Add</i>	5.28	
23 05 29 00-0894	EA		20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	121.72	5.41
			<i>For Work In Restricted Working Space, Add</i>	5.41	
23 05 29 00-0895	EA		24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) .....	129.20	5.53
			<i>For Work In Restricted Working Space, Add</i>	5.54	
<b>23 05 29 00-0896</b>			<b>Saddle, For 3" Insulation (Cooper B-Line B3164)</b> <small>(23 05 29 00-0833)</small>		
23 05 29 00-0897	EA		2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	37.08	4.36
			<i>For Work In Restricted Working Space, Add</i>	4.34	
23 05 29 00-0898	EA		2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) .....	40.52	4.43
			<i>For Work In Restricted Working Space, Add</i>	4.44	
23 05 29 00-0899	EA		3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	42.28	4.49
			<i>For Work In Restricted Working Space, Add</i>	4.50	
23 05 29 00-0900	EA		4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	44.05	4.57
			<i>For Work In Restricted Working Space, Add</i>	4.57	
23 05 29 00-0901	EA		6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	50.70	4.71
			<i>For Work In Restricted Working Space, Add</i>	4.70	
23 05 29 00-0902	EA		8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	63.80	4.88
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 05 29 00-0903	EA		10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	69.21	4.95
			<i>For Work In Restricted Working Space, Add</i>	4.96	
23 05 29 00-0904	EA		12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	90.36	5.06
			<i>For Work In Restricted Working Space, Add</i>	5.05	
23 05 29 00-0905	EA		14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	108.07	5.13
			<i>For Work In Restricted Working Space, Add</i>	5.15	
23 05 29 00-0906	EA		16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	125.80	5.26
			<i>For Work In Restricted Working Space, Add</i>	5.24	
23 05 29 00-0907	EA		18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	128.21	5.40
			<i>For Work In Restricted Working Space, Add</i>	5.41	
23 05 29 00-0908	EA		20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	130.51	5.52
			<i>For Work In Restricted Working Space, Add</i>	5.54	
23 05 29 00-0909	EA		24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164).....	165.96	5.66
			<i>For Work In Restricted Working Space, Add</i>	5.66	
<b>23 05 29 00-0910</b>			<b>Saddle, For 4" Insulation (Cooper B-Line B3165)</b> <small>(23 05 29 00-0833)</small>		
23 05 29 00-0911	EA		2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	41.92	4.45
			<i>For Work In Restricted Working Space, Add</i>	4.44	
23 05 29 00-0912	EA		2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) .....	45.98	4.52
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 05 29 00-0913	EA		3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	48.06	4.60
			<i>For Work In Restricted Working Space, Add</i>	4.60	
23 05 29 00-0914	EA		4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	50.23	4.66
			<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0915	EA		6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	61.52	4.82
			<i>For Work In Restricted Working Space, Add</i>	4.83	
23 05 29 00-0916	EA		8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	72.79	5.00
			<i>For Work In Restricted Working Space, Add</i>	4.99	
23 05 29 00-0917	EA		10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	75.28	5.07
			<i>For Work In Restricted Working Space, Add</i>	5.09	
23 05 29 00-0918	EA		12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	96.56	5.18
			<i>For Work In Restricted Working Space, Add</i>	5.18	
23 05 29 00-0919	EA		14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	117.50	5.25
			<i>For Work In Restricted Working Space, Add</i>	5.24	
23 05 29 00-0920	EA		16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	138.65	5.39
			<i>For Work In Restricted Working Space, Add</i>	5.38	
23 05 29 00-0921	EA		18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	169.84	5.51
			<i>For Work In Restricted Working Space, Add</i>	5.50	
23 05 29 00-0922	EA		20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	200.87	5.65
			<i>For Work In Restricted Working Space, Add</i>	5.66	
23 05 29 00-0923	EA		24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	214.96	5.80
			<i>For Work In Restricted Working Space, Add</i>	5.79	
23 05 29 00-0924	EA		30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	226.27	5.94
			<i>For Work In Restricted Working Space, Add</i>	5.95	
23 05 29 00-0925	EA		36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165).....	234.63	6.09
			<i>For Work In Restricted Working Space, Add</i>	6.08	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 05 29 00-0926 Adjustable Pipe Saddle Support (Cooper B-Line B3096) (23 05 29 00-0805)</b>		
23 05 29 00-0927 EA 2" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	94.90	14.40
23 05 29 00-0928 EA 3" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	100.57	16.71
23 05 29 00-0929 EA 4" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	122.24	19.02
23 05 29 00-0930 EA 5" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	127.45	20.74
23 05 29 00-0931 EA 6" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	141.41	23.05
23 05 29 00-0932 EA 8" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	160.74	28.81
23 05 29 00-0933 EA 10" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	210.20	38.61
23 05 29 00-0934 EA 12" Adjustable Pipe Saddle Support (Cooper B-Line B3096) .....	259.66	57.62
<b>23 05 29 00-0935 Pipe Stanchion Support (Cooper B-Line B3090) (23 05 29 00-0805)</b>		
23 05 29 00-0936 EA 2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	117.49	14.40
23 05 29 00-0937 EA 3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	121.61	16.71
23 05 29 00-0938 EA 3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	130.31	17.86
23 05 29 00-0939 EA 4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	133.00	19.02
23 05 29 00-0940 EA 5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	139.82	20.74
23 05 29 00-0941 EA 6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	148.23	23.05
23 05 29 00-0942 EA 8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	188.23	28.81
23 05 29 00-0943 EA 10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	253.93	38.61
23 05 29 00-0944 EA 12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090) .....	332.06	57.62
<b>23 05 29 00-0945 Pipe Saddle Support (Cooper B-Line B3095) (23 05 29 00-0805)</b>		
23 05 29 00-0946 EA 2-1/2" Pipe Saddle Support (Cooper B-Line B3095) .....	60.24	14.40
23 05 29 00-0947 EA 3" Pipe Saddle Support (Cooper B-Line B3095) .....	64.36	16.71
23 05 29 00-0948 EA 3-1/2" Pipe Saddle Support (Cooper B-Line B3095) .....	97.11	17.86
23 05 29 00-0949 EA 4" Pipe Saddle Support (Cooper B-Line B3095) .....	99.80	19.02
23 05 29 00-0950 EA 5" Pipe Saddle Support (Cooper B-Line B3095) .....	109.72	20.74
23 05 29 00-0951 EA 6" Pipe Saddle Support (Cooper B-Line B3095) .....	121.63	23.05
23 05 29 00-0952 EA 8" Pipe Saddle Support (Cooper B-Line B3095) .....	139.48	28.81
23 05 29 00-0953 EA 10" Pipe Saddle Support (Cooper B-Line B3095) .....	162.67	38.61
23 05 29 00-0954 EA 12" Pipe Saddle Support (Cooper B-Line B3095) .....	205.40	57.62
<b>23 05 29 00-0955 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0805)</b>		
Note: Insert is for use as isolated protective insulation at hangers.		
<b>23 05 29 00-0956 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)</b>		
23 05 29 00-0957 EA 1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	16.83	7.40
23 05 29 00-0958 EA 3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	17.15	7.40
23 05 29 00-0959 EA 1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	17.24	7.40
23 05 29 00-0960 EA 1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	17.56	7.40
23 05 29 00-0961 EA 1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	18.78	7.85
23 05 29 00-0962 EA 2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	19.63	8.09
23 05 29 00-0963 EA 2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	20.62	8.43
23 05 29 00-0964 EA 3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	21.69	8.77
23 05 29 00-0965 EA 4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	23.62	9.11
23 05 29 00-0966 EA 6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	25.24	7.85
23 05 29 00-0967 EA 8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	39.04	10.25
23 05 29 00-0968 EA 10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	46.16	12.07
23 05 29 00-0969 EA 12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	52.60	14.01
23 05 29 00-0970 EA 14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	59.32	14.46
<b>23 05 29 00-0971 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)</b>		
23 05 29 00-0972 EA 1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	14.53	5.58
23 05 29 00-0973 EA 3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	16.13	5.58
23 05 29 00-0974 EA 1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	16.49	5.70
23 05 29 00-0975 EA 1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	17.06	5.81
23 05 29 00-0976 EA 1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	17.59	5.81
23 05 29 00-0977 EA 2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	18.53	6.03
23 05 29 00-0978 EA 2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	19.60	6.26
23 05 29 00-0979 EA 3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	20.15	6.37
23 05 29 00-0980 EA 4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	22.20	6.95
23 05 29 00-0981 EA 6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	32.90	11.96
23 05 29 00-0982 EA 8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	29.97	9.00
23 05 29 00-0983 EA 10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	36.33	10.59
23 05 29 00-0984 EA 12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	41.24	12.18
23 05 29 00-0985 EA 14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	48.66	14.69
<b>23 05 29 00-0986 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)</b>		
23 05 29 00-0987 EA 1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	20.33	6.37
23 05 29 00-0988 EA 3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	20.59	6.37
23 05 29 00-0989 EA 1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate .....	21.31	6.50



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 29 00-0990	EA	1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.93	6.61
23 05 29 00-0991	EA	1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.58	6.72
23 05 29 00-0992	EA	2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.45	6.95
23 05 29 00-0993	EA	2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.72	7.18
23 05 29 00-0994	EA	3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.90	7.40
23 05 29 00-0995	EA	4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.54	7.85
23 05 29 00-0996	EA	6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.65	8.88
23 05 29 00-0997	EA	8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.62	15.15
23 05 29 00-0998	EA	10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	55.29	17.54
23 05 29 00-0999	EA	12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.76	20.72
23 05 29 00-1000	EA	14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.48	23.23
23 05 29 00-1001	EA	16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	79.82	26.19
23 05 29 00-1002	EA	18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	91.40	30.75
23 05 29 00-1003	EA	20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	101.48	34.17
23 05 29 00-1004	EA	24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	114.65	38.72

**23 05 29 00-1005 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)**

23 05 29 00-1006	EA	1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.28	7.40
23 05 29 00-1007	EA	3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.57	7.40
23 05 29 00-1008	EA	1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.44	7.51
23 05 29 00-1009	EA	1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.09	7.63
23 05 29 00-1010	EA	1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.75	7.63
23 05 29 00-1011	EA	2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	26.81	7.98
23 05 29 00-1012	EA	2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.25	8.20
23 05 29 00-1013	EA	3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.60	8.54
23 05 29 00-1014	EA	4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.57	9.00
23 05 29 00-1015	EA	6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.32	10.25
23 05 29 00-1016	EA	8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.06	11.39
23 05 29 00-1017	EA	10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	58.43	13.10
23 05 29 00-1018	EA	12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	66.89	16.28
23 05 29 00-1019	EA	14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	75.42	17.88
23 05 29 00-1020	EA	16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	89.39	22.78
23 05 29 00-1021	EA	18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	95.92	23.92
23 05 29 00-1022	EA	20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	108.93	27.33
23 05 29 00-1023	EA	24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	128.43	33.03

**23 05 29 00-1024 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)**

23 05 29 00-1025	EA	1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.70	7.63
23 05 29 00-1026	EA	3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.16	7.98
23 05 29 00-1027	EA	1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	61.53	7.98
23 05 29 00-1028	EA	1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.04	8.20
23 05 29 00-1029	EA	1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	64.81	8.43
23 05 29 00-1030	EA	2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	66.81	8.54
23 05 29 00-1031	EA	2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	70.36	8.77
23 05 29 00-1032	EA	3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	73.46	9.33
23 05 29 00-1033	EA	4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	81.02	9.68
23 05 29 00-1034	EA	6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	92.70	11.84
23 05 29 00-1035	EA	8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	120.17	12.98
23 05 29 00-1036	EA	10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	143.00	13.67
23 05 29 00-1037	EA	12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	164.01	17.65
23 05 29 00-1038	EA	14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	184.73	18.79
23 05 29 00-1039	EA	16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	220.96	25.05
23 05 29 00-1040	EA	18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	237.87	27.33
23 05 29 00-1041	EA	20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	269.41	29.62
23 05 29 00-1042	EA	24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	316.49	36.44

**23 05 29 00-1043 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0955)**

23 05 29 00-1044	EA	1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.28	7.40
23 05 29 00-1045	EA	3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.11	9.00
23 05 29 00-1046	EA	1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.37	9.00
23 05 29 00-1047	EA	1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.09	9.11
23 05 29 00-1048	EA	1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.99	9.22
23 05 29 00-1049	EA	2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.13	9.57
23 05 29 00-1050	EA	2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.88	9.91
23 05 29 00-1051	EA	3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.38	10.25
23 05 29 00-1052	EA	4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.13	10.82
23 05 29 00-1053	EA	6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	44.77	12.31
23 05 29 00-1054	EA	8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	58.83	13.67
23 05 29 00-1055	EA	10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	70.11	15.72
23 05 29 00-1056	EA	12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	80.26	19.59
23 05 29 00-1057	EA	14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.51	21.41
23 05 29 00-1058	EA	16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	107.28	27.33
23 05 29 00-1059	EA	18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	115.11	28.70
23 05 29 00-1060	EA	20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	130.79	32.80



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1061	EA			24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	154.13	39.64
<b>23 05 29 00-1062</b>				<b>4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate</b> <small>(23 05 29 00-0955)</small>		
23 05 29 00-1063	EA			1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.37	10.02
23 05 29 00-1064	EA			3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.78	10.02
23 05 29 00-1065	EA			1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.97	10.14
23 05 29 00-1066	EA			1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.92	10.25
23 05 29 00-1067	EA			1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.65	10.25
23 05 29 00-1068	EA			2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.57	10.94
23 05 29 00-1069	EA			2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.09	11.05
23 05 29 00-1070	EA			3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.95	11.50
23 05 29 00-1071	EA			4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.98	12.18
23 05 29 00-1072	EA			6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	50.35	13.79
23 05 29 00-1073	EA			8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.33	14.92
23 05 29 00-1074	EA			10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	78.89	17.76
23 05 29 00-1075	EA			12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.32	22.09
23 05 29 00-1076	EA			14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	101.86	24.03
23 05 29 00-1077	EA			16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	120.75	30.75
23 05 29 00-1078	EA			18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	129.44	32.23
23 05 29 00-1079	EA			20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	145.41	36.90
23 05 29 00-1080	EA			24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	173.42	44.65
23 05 29 00-1081	EA			26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	197.74	52.51
23 05 29 00-1082	EA			28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	224.94	61.96
23 05 29 00-1083	EA			30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	254.43	73.23
23 05 29 00-1084	EA			42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	363.69	113.10
23 05 29 00-1085	EA			44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	391.63	124.49
23 05 29 00-1086	EA			46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	417.22	134.39
<b>23 05 29 00-1087</b>				<b>Equipment Housekeeping Pads</b> <small>(23 05 29)</small> See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.		
<b>23 05 29 00-1088</b>				<b>Molded Plastic Condenser Pad</b> <small>(23 05 29 00-1087)</small>		
23 05 29 00-1089	EA			30" Round Molded Plastic Pad.....	152.07	14.38
23 05 29 00-1090	EA			30" Octagon Molded Plastic Pad.....	160.17	14.38
23 05 29 00-1091	EA			30" x 30" Molded Plastic Pad.....	152.07	14.38
23 05 29 00-1092	EA			36" x 36" Molded Plastic Pad.....	200.66	14.38
23 05 29 00-1093	EA			36" x 48" Molded Plastic Pad.....	291.57	14.38
<b>23 05 29 00-1094</b>				<b>Inertia Base</b> <small>(23 05 29 00-1087)</small> Note: Includes spring isolators.		
23 05 29 00-1095	EA			Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	3,718.47	
23 05 29 00-1096	EA			>12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	4,498.75	
23 05 29 00-1097	EA			>16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	5,153.39	
23 05 29 00-1098	EA			>20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	5,891.80	
<b>23 05 29 00-1099</b>				<b>Hanger Assemblies</b> <small>(23 05 29)</small> Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1100	EA			1/2" Standard Duty Clevis Pipe Hanger Assembly.....	54.16	17.89
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	11.51	
23 05 29 00-1101	EA			3/4" Standard Duty Clevis Pipe Hanger Assembly.....	56.29	18.96
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	12.15	
23 05 29 00-1102	EA			1" Standard Duty Clevis Pipe Hanger Assembly.....	57.90	20.03
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	12.62	
23 05 29 00-1103	EA			1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	58.83	20.06
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	12.80	
23 05 29 00-1104	EA			1-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	59.08	20.06
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	12.80	
23 05 29 00-1105	EA			2" Standard Duty Clevis Pipe Hanger Assembly.....	60.23	20.23
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	12.99	
23 05 29 00-1106	EA			2-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	73.21	22.22
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	13.58	
23 05 29 00-1107	EA			3" Standard Duty Clevis Pipe Hanger Assembly.....	75.20	22.87
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	13.79	
23 05 29 00-1108	EA			4" Standard Duty Clevis Pipe Hanger Assembly.....	92.74	25.82
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	15.23	
23 05 29 00-1109	EA			6" Standard Duty Clevis Pipe Hanger Assembly.....	140.21	33.35
				Note: Includes hanger, rod, nuts, washers and clamp.		
				<i>For Work In Restricted Working Space, Add</i>	20.01	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1110	EA		8" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	159.39 23.21	38.69
23 05 29 00-1111	EA		10" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	217.42 29.12	49.15
23 05 29 00-1112	EA		12" Standard Duty Clevis Pipe Hanger Assembly..... Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	236.27 31.79	52.89
<b>23 05 29 00-1113 Steel Shapes For Hanger Devices (23 05 29)</b>					
<b>23 05 29 00-1114 Angle Iron For Hanger Devices (23 05 29 00-1113)</b>					
23 05 29 00-1115	LF		1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices .....	2.79	1.67
23 05 29 00-1116	LF		3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices .....	3.67	2.09
23 05 29 00-1117	LF		1" x 1" x 1/8" Angle Iron For Hanger Devices .....	4.54	2.51
23 05 29 00-1118	LF		1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices .....	6.36	3.12
23 05 29 00-1119	LF		1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices .....	7.13	3.35
23 05 29 00-1120	LF		2" x 2" x 1/4" Angle Iron For Hanger Devices .....	9.76	3.76
23 05 29 00-1121	LF		2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices .....	12.18	4.58
23 05 29 00-1122	LF		3" x 2" x 3/8" Angle Iron For Hanger Devices .....	15.93	5.37
23 05 29 00-1123	LF		3" x 3" x 3/8" Angle Iron For Hanger Devices .....	19.06	6.27
<b>23 05 29 00-1124 Channels For Hanger Devices (23 05 29 00-1113)</b>					
23 05 29 00-1125	LF		C2 x 1.78, 2" Wide Channels For Hanger Devices .....	8.54	4.44
23 05 29 00-1126	LF		C3 x 4.1, 3" Wide Channels For Hanger Devices .....	14.62	6.39
23 05 29 00-1127	LF		C4 x 5.4, 4" Wide Channels For Hanger Devices .....	18.27	7.67
23 05 29 00-1128	LF		C5 x 6.7 - 5" Wide Channels For Hanger Devices .....	21.90	8.95
23 05 29 00-1129	LF		C6 x 8.2 - 6" Wide Channels For Hanger Devices .....	26.53	10.74
23 05 29 00-1130	LF		C7 x 9.8 - 7" Wide Channels For Hanger Devices .....	31.64	12.79
23 05 29 00-1131	LF		C8 x 11.5 - 8" Wide Channels For Hanger Devices .....	35.88	14.07
<b>23 05 29 00-1132 Structural Bar Tees For Hanger Devices (23 05 29 00-1113)</b>					
23 05 29 00-1133	LF		3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices.....	9.47	6.26
23 05 29 00-1134	LF		1" x 1" x 1/8" Structural Bar Tee For Hanger Devices.....	11.40	7.39
23 05 29 00-1135	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices .....	16.35	8.52
23 05 29 00-1136	LF		2" x 2" x 1/4" Structural Bar Tee For Hanger Devices.....	21.06	11.37
23 05 29 00-1137	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices .....	28.88	13.63
23 05 29 00-1138	LF		3" x 3" x 3/8" Structural Bar Tee For Hanger Devices.....	36.22	17.62
<b>23 05 29 00-1139 Structural Zees For Hanger Devices (23 05 29 00-1113)</b>					
23 05 29 00-1140	LF		1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices.....	16.37	8.52
23 05 29 00-1141	LF		2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices .....	19.71	8.52
23 05 29 00-1142	LF		3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices .....	28.87	8.52
23 05 29 00-1143	LF		3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices .....	36.51	8.52
23 05 29 00-1144	LF		3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices.....	44.52	8.52
<b>23 05 29 00-1145 Junior I-beams For Hanger Devices (23 05 29 00-1113)</b>					
23 05 29 00-1146	LF		3" I-beam (Junior) For Hanger Devices .....	20.34	12.50
23 05 29 00-1147	LF		4" I-beam (Junior) For Hanger Devices .....	23.40	13.63
23 05 29 00-1148	LF		5" I-beam (Junior) For Hanger Devices .....	27.03	14.78
23 05 29 00-1149	LF		6" I-beam (Junior) For Hanger Devices .....	29.56	16.48
23 05 29 00-1150	LF		7" I-beam (Junior) For Hanger Devices .....	35.17	17.62
23 05 29 00-1151	LF		8" I-beam (Junior) For Hanger Devices .....	38.08	18.76
<b>23 05 33 Heat Tracing for HVAC Piping (23 05)</b>					
See CSI section 23 83 13 00-0000 for heat tracing cables.					
<b>23 05 48 Vibration and Seismic Controls for HVAC (23 05)</b>					
<b>23 05 48 13 Vibration Controls for HVAC (23 05 48)</b>					
<b>23 05 48 13-0001 Unhoused Stable Steel Spring Isolators (23 05 48 13)</b>					
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.					
23 05 48 13-0002	EA		60 Lb. Capacity, Unhoused Steel Spring Isolator .....	106.15	32.21
23 05 48 13-0003	EA		115 Lb. Capacity, Unhoused Steel Spring Isolator .....	112.90	32.21
23 05 48 13-0004	EA		1,130 Lb. Capacity, Unhoused Steel Spring Isolator .....	135.33	32.21
<b>23 05 48 13-0005 Vibration Isolators (23 05 48 13)</b>					
<b>23 05 48 13-0006 Spring And Rubber Hanger For 1" Deflection (23 05 48 13-0005)</b>					
23 05 48 13-0007	EA		50 To 500 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size.....	140.72	20.74
23 05 48 13-0008	EA		600 To 1,000 Lb. Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size.....	296.31	23.05



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0009				<b>Rubber-In-Shear Isolator Hanger</b> (23 05 48 13-0005)		
	23 05 48 13-0010	EA		45-340 Lb. Rated Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size .....	78.13	17.29
	23 05 48 13-0011	EA		130-700 Lb. Rated Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size .....	101.28	20.74
23 05 48 13-0012				<b>Spring Hanger For 1" Deflection</b> (23 05 48 13-0005)		
	23 05 48 13-0013	EA		50 To 1,000 Lb. Rated Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size.....	88.59	20.74
23 05 48 13-0014				<b>Rubber-In-Shear Vibration Isolator</b> (23 05 48 13-0005)		
	23 05 48 13-0015	EA		45 To 340 Lb. Rubber In Shear Vibration Isolation With 0.38" Deflection.....	163.01	39.19
	23 05 48 13-0016	EA		130 To 700 Lb. Rubber In Shear Vibration Isolation With 0.43" Deflection.....	222.84	39.19
	23 05 48 13-0017	EA		550 To 1,920 Lb. Rubber In Shear Vibration Isolation With 0.48" Deflection.....	428.18	39.19
23 05 48 13-0018				<b>Two-Piece Spring Type Vibration Isolator</b> (23 05 48 13-0005)		
				Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
	23 05 48 13-0019	EA		50 To 1,000 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator .....	137.79	39.19
	23 05 48 13-0020	EA		>1,000 To 1,600 Lb. Rated Load 2-Piece Isolator Spring Type Vibration Isolator .....	142.25	39.19
23 05 48 13-0021				<b>Open Double Spring Type Vibration Isolator</b> (23 05 48 13-0005)		
				Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
	23 05 48 13-0022	EA		150 To 450 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	107.41	19.59
	23 05 48 13-0023	EA		500 To 1,000 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	107.41	19.59
	23 05 48 13-0024	EA		1,100 To 1,600 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	122.28	19.59
	23 05 48 13-0025	EA		1,700 To 2,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	122.28	19.59
	23 05 48 13-0026	EA		2,500 To 3,400 Lb. Rated Load Open Isolator, Double Spring Type Vibration Isolator .....	189.50	19.59
23 05 48 13-0027				<b>Isolation Pads</b> (23 05 48 13-0005)		
23 05 48 13-0028				<b>Laminated Neoprene And Cork Isolation Pad</b> (23 05 48 13-0027)		
	23 05 48 13-0029	EA		2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	7.05	2.88
	23 05 48 13-0030	EA		3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	9.10	2.99
	23 05 48 13-0031	EA		4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	11.46	3.11
	23 05 48 13-0032	EA		12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	46.14	3.58
	23 05 48 13-0033	EA		18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad.....	88.58	4.03
23 05 48 13-0034				<b>Neoprene And Steel Plate Isolation Pad</b> (23 05 48 13-0027)		
	23 05 48 13-0035	EA		6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad .....	183.41	2.88
	23 05 48 13-0036	EA		6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad .....	203.09	2.88
23 05 48 13-0037				<b>Neoprene Isolation Pad</b> (23 05 48 13-0027)		
	23 05 48 13-0038	EA		2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad.....	6.55	2.88
	23 05 48 13-0039	EA		3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad.....	7.50	2.88
	23 05 48 13-0040	EA		4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad.....	9.02	2.88
	23 05 48 13-0041	EA		12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad.....	45.39	3.46
	23 05 48 13-0042	EA		18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad.....	83.22	4.03
23 05 48 13-0043				<b>Threaded Flexible Bronze Hose Connectors</b> (23 05 48 13)		
				Note: Includes hex threaded nipple ends.		
	23 05 48 13-0044	EA		3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	75.57	18.43
	23 05 48 13-0045	EA		1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	88.50	25.35
	23 05 48 13-0046	EA		3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	108.65	31.12
	23 05 48 13-0047	EA		1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	126.42	36.88
	23 05 48 13-0048	EA		1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	144.94	48.40
	23 05 48 13-0049	EA		1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	163.24	51.51
	23 05 48 13-0050	EA		2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	218.59	61.07
	23 05 48 13-0051	EA		2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends .....	301.82	95.19
23 05 48 13-0052				<b>Flanged Flexible Hose Connectors</b> (23 05 48 13)		
23 05 48 13-0053				<b>Flanged Flexible Molded Rubber Hose Connectors</b> (23 05 48 13-0052)		
				Note: With helical wire reinforcement 150 PSI.		
	23 05 48 13-0054	EA		1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	229.24	86.43
	23 05 48 13-0055	EA		2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	248.02	96.00
	23 05 48 13-0056	EA		2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	403.07	191.77
	23 05 48 13-0057	EA		3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	557.99	285.23



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 48 13-0058	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	727.12	368.20
23 05 48 13-0059	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	925.30	382.91
23 05 48 13-0060	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	1,125.15	437.34
23 05 48 13-0061	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	1,457.72	520.46
23 05 48 13-0062	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI .....	3,524.87	650.94

**23 05 48 13-0063 Flanged Flexible Corrugated Stainless Steel Hose Connectors** (23 05 48 13-0052)

Note: With braided metal wire.

23 05 48 13-0064	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	178.36	78.59
23 05 48 13-0065	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	172.86	108.10
23 05 48 13-0066	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	332.87	144.06
23 05 48 13-0067	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	431.66	216.08
23 05 48 13-0068	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	464.17	237.75
23 05 48 13-0069	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	539.26	287.88
23 05 48 13-0070	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	690.45	368.55
23 05 48 13-0071	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	952.53	458.57
23 05 48 13-0072	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	1,558.67	612.65
23 05 48 13-0073	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	1,834.66	708.43
23 05 48 13-0074	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation .....	2,362.48	765.82

**23 05 48 13-0075 Flanged Flexible Molded Teflon Hose Connectors** (23 05 48 13-0052)

Note: 150 PSI.

23 05 48 13-0076	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,001.76	167.11
23 05 48 13-0077	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,123.47	195.92
23 05 48 13-0078	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	1,402.30	329.27
23 05 48 13-0079	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	2,068.31	382.91
23 05 48 13-0080	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation .....	2,719.84	469.71

**23 05 48 13-0081 Flexible Hose Connectors Braided Metal Hose Type** (23 05 48 13)**23 05 48 13-0082 Braided Metal Hose Type Flexible Bronze Hose Connectors** (23 05 48 13-0081)

Note: MPT connection.

23 05 48 13-0083	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	39.65	2.31
23 05 48 13-0084	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	47.41	2.31
23 05 48 13-0085	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	52.74	2.99
23 05 48 13-0086	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	64.17	2.99
23 05 48 13-0087	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	53.10	2.76
23 05 48 13-0088	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	64.17	2.76
23 05 48 13-0089	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	73.41	3.56
23 05 48 13-0090	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	90.65	3.56
23 05 48 13-0091	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	72.47	3.22
23 05 48 13-0092	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	79.27	3.22
23 05 48 13-0093	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	94.17	4.26
23 05 48 13-0094	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	119.39	4.26
23 05 48 13-0095	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	144.42	4.26
23 05 48 13-0096	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	169.53	4.26
23 05 48 13-0097	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	103.26	4.13
23 05 48 13-0098	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	113.84	4.13
23 05 48 13-0099	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	146.11	4.13
23 05 48 13-0100	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	203.15	5.51
23 05 48 13-0101	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	235.66	5.51
23 05 48 13-0102	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	278.92	5.51
23 05 48 13-0103	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	141.37	4.98
23 05 48 13-0104	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	163.50	4.98
23 05 48 13-0105	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	206.35	4.98
23 05 48 13-0106	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	275.22	6.68
23 05 48 13-0107	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	340.52	6.68
23 05 48 13-0108	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	405.77	6.68
23 05 48 13-0109	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	196.36	6.26
23 05 48 13-0110	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	223.61	5.93
23 05 48 13-0111	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	251.14	5.93
23 05 48 13-0112	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	309.67	7.95
23 05 48 13-0113	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	365.02	7.95
23 05 48 13-0114	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	418.64	7.95
23 05 48 13-0115	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	309.69	7.95
23 05 48 13-0116	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	346.46	7.95
23 05 48 13-0117	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	468.08	7.95
23 05 48 13-0118	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	1,766.17	10.60
23 05 48 13-0119	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	536.60	10.60
23 05 48 13-0120	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	608.95	10.60
23 05 48 13-0121	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	567.51	9.54
23 05 48 13-0122	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	610.47	9.54
23 05 48 13-0123	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	653.43	9.54
23 05 48 13-0124	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	747.10	12.72
23 05 48 13-0125	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	832.69	12.72
23 05 48 13-0126	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection .....	920.12	12.72



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 05 48 13-0127

Braided Stainless Steel Flexible Hose Connectors (23 05 48 13-0081)

Note: Over braided carbon steel connection.

23 05 48 13-0128	EA		2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	168.46	5.04
23 05 48 13-0129	EA		2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	203.61	5.04
23 05 48 13-0130	EA		2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	238.10	5.04
23 05 48 13-0131	EA		2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	311.64	6.75
23 05 48 13-0132	EA		2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	381.55	6.75
23 05 48 13-0133	EA		2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	451.38	6.75
23 05 48 13-0134	EA		2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	190.99	5.93
23 05 48 13-0135	EA		2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	227.72	5.93
23 05 48 13-0136	EA		2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	264.63	5.93
23 05 48 13-0137	EA		2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	342.81	7.95
23 05 48 13-0138	EA		2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	416.31	7.95
23 05 48 13-0139	EA		2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	488.80	7.95
23 05 48 13-0140	EA		4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	202.58	7.95
23 05 48 13-0141	EA		4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	244.66	8.16
23 05 48 13-0142	LF		4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	287.35	7.95
23 05 48 13-0143	EA		4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	380.55	10.60
23 05 48 13-0144	EA		4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	465.45	10.60
23 05 48 13-0145	EA		4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	552.77	10.60
23 05 48 13-0146	EA		6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	408.44	15.44
23 05 48 13-0147	EA		6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	603.07	15.55
23 05 48 13-0148	EA		6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	808.78	20.48
23 05 48 13-0149	EA		6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,003.49	20.48
23 05 48 13-0150	EA		6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,198.14	20.48
23 05 48 13-0151	EA		8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	710.02	19.38
23 05 48 13-0152	EA		8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	857.27	19.38
23 05 48 13-0153	EA		8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,162.21	25.18
23 05 48 13-0154	EA		8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,454.33	25.18
23 05 48 13-0155	EA		8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,746.36	25.18
23 05 48 13-0156	EA		10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	760.67	24.21
23 05 48 13-0157	EA		10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,128.81	24.21
23 05 48 13-0158	EA		10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,511.91	31.53
23 05 48 13-0159	EA		10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,881.34	31.53
23 05 48 13-0160	EA		10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,249.20	31.53
23 05 48 13-0161	EA		12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,508.71	29.27
23 05 48 13-0162	EA		12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,968.14	29.27
23 05 48 13-0163	EA		12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,462.30	39.39
23 05 48 13-0164	EA		12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,925.77	39.39
23 05 48 13-0165	EA		12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,391.39	39.39

23 05 48 13-0166

Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 13-0081)

Note: Flanged end connection (carbon steel ends).



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0167	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	651.15	4.98
23 05 48 13-0168	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,093.26	141.23
23 05 48 13-0169	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,370.35	141.23
23 05 48 13-0170	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,647.45	141.23
23 05 48 13-0171	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,924.66	141.23
23 05 48 13-0172	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	950.91	180.12
23 05 48 13-0173	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,242.91	180.12
23 05 48 13-0174	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,535.02	180.12
23 05 48 13-0175	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,827.23	180.12
23 05 48 13-0176	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,114.33	180.12
23 05 48 13-0177	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,272.13	301.96
23 05 48 13-0178	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,612.96	302.72
23 05 48 13-0179	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,959.33	301.96
23 05 48 13-0180	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,346.59	301.96
23 05 48 13-0181	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,642.51	301.96
23 05 48 13-0182	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,054.73	386.10
23 05 48 13-0183	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,826.98	386.10
23 05 48 13-0184	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,599.66	387.49
23 05 48 13-0185	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,372.01	386.10
23 05 48 13-0186	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,144.25	386.10
23 05 48 13-0187	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,597.59	495.05
23 05 48 13-0188	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,181.80	495.05
23 05 48 13-0189	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,340.11	495.05
23 05 48 13-0190	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,498.86	495.05
23 05 48 13-0191	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	7,657.06	495.05
23 05 48 13-0192	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,069.10	602.67
23 05 48 13-0193	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	7,524.63	602.67
23 05 48 13-0194	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	8,989.95	602.67
23 05 48 13-0195	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,452.11	602.67
23 05 48 13-0196	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	11,633.81	602.67
23 05 48 13-0197	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	8,317.91	731.81
23 05 48 13-0198	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,164.95	731.81
23 05 48 13-0199	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	12,011.87	731.81
23 05 48 13-0200	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	13,858.80	731.81
23 05 48 13-0201	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	15,705.83	731.81

**23 05 53 Identification for HVAC Piping and Equipment** (23 05)23 05 53 00-0001 Systems Identification (23 05 53)23 05 53 00-0002 Pipe Marker Snap-On Type Plastic (23 05 53 00-0001)

Note: Outside diameters of insulation where necessary.

23 05 53 00-0003	EA	1/2" Outside Diameter Snap-On Plastic Marker.....	20.77	
23 05 53 00-0004	EA	3/4" Outside Diameter Snap-On Plastic Marker.....	21.06	
23 05 53 00-0005	EA	1" Outside Diameter Snap-On Plastic Marker.....	21.21	
23 05 53 00-0006	EA	1-1/4" Outside Diameter Snap-On Plastic Marker.....	21.53	
23 05 53 00-0007	EA	1-1/2" Outside Diameter Snap-On Plastic Marker.....	25.12	
23 05 53 00-0008	EA	2" Outside Diameter Snap-On Plastic Marker.....	25.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 53 00-0009 EA 2-1/2" Outside Diameter Snap-On Plastic Marker .....	41.20	
23 05 53 00-0010 EA 3" Outside Diameter Snap-On Plastic Marker.....	41.62	
23 05 53 00-0011 EA 3-1/2" Outside Diameter Snap-On Plastic Marker .....	42.06	
23 05 53 00-0012 EA 4" Outside Diameter Snap-On Plastic Marker.....	42.29	
23 05 53 00-0013 EA 4-1/2" Outside Diameter Snap-On Plastic Marker .....	42.54	
23 05 53 00-0014 EA 5" Outside Diameter Snap-On Plastic Marker.....	42.79	
23 05 53 00-0015 EA 6" Outside Diameter Snap-On Plastic Marker.....	44.85	
23 05 53 00-0016 EA 7" Outside Diameter Snap-On Plastic Marker.....	45.13	
23 05 53 00-0017 EA 8" Outside Diameter Snap-On Plastic Marker.....	55.79	
23 05 53 00-0018 EA 10" Outside Diameter Snap-On Plastic Marker.....	57.62	
23 05 53 00-0019 EA 12" Outside Diameter Snap-On Plastic Marker.....	66.32	
23 05 53 00-0020 EA 14" Outside Diameter Snap-On Plastic Marker.....	76.09	
<b>23 05 53 00-0021</b>	<b>Pipe Markers Pressure-Sensitive</b> (23 05 53 00-0001)	
	Note: Outside diameter includes insulation where necessary.	
23 05 53 00-0022 EA 1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	13.49	
23 05 53 00-0023 EA 3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	14.06	
23 05 53 00-0024 EA 1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	15.22	
23 05 53 00-0025 EA 1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	15.45	
23 05 53 00-0026 EA 1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	16.53	
23 05 53 00-0027 EA 2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	16.88	
23 05 53 00-0028 EA 2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	19.12	
23 05 53 00-0029 EA 3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	19.57	
23 05 53 00-0030 EA 3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	19.91	
23 05 53 00-0031 EA 4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	20.27	
23 05 53 00-0032 EA 4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	20.99	
23 05 53 00-0033 EA 5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	21.76	
23 05 53 00-0034 EA 6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	22.44	
23 05 53 00-0035 EA 7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	23.11	
23 05 53 00-0036 EA 8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	25.60	
23 05 53 00-0037 EA 10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	26.86	
23 05 53 00-0038 EA 12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation .....	31.43	
<b>23 05 53 00-0039</b>	<b>Valve Identification Tag</b> (23 05 53 00-0001)	
	Note: Includes beaded chain and/or "S" hook.	
23 05 53 00-0040 EA 2" Diameter Identification Tag, Brass.....	12.11	
23 05 53 00-0041 EA 1-1/2" Diameter Identification Tag, Plastic.....	11.34	
23 05 53 00-0042 EA 1-1/2" Diameter Identification Tag, Brass .....	11.10	
<b>23 05 93</b>	<b>Testing, Adjusting, and Balancing for HVAC</b> (23 05)	
	Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.	
<b>23 05 93 00-0001</b>	<b>Heating And Ventilating Equipment</b> (23 05 93)	
23 05 93 00-0002 EA Balancing Centrifugal Fans.....	466.30	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-233.15
23 05 93 00-0003 EA Balancing Heating And Ventilating Units .....	582.64	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-291.32
23 05 93 00-0004 EA Balancing In Line Fan .....	524.58	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-262.29
23 05 93 00-0005 EA Balancing Propeller And Wall Fan .....	116.57	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-58.29
23 05 93 00-0006 EA Balancing Roof Exhaust Fan .....	349.70	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-174.85
23 05 93 00-0007 EA Balancing Wall Fan .....	87.41	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-43.71
23 05 93 00-0008 EA Balancing Fan Section Exhaust.....	465.55	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-232.78
<b>23 05 93 00-0009</b>	<b>Air Conditioning Equipment</b> (23 05 93)	
23 05 93 00-0010 EA Balancing Constant Volume Air Handling Unit.....	849.11	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-424.56
23 05 93 00-0011 EA Balancing Package A/C Unit.....	318.42	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-159.21
23 05 93 00-0012 EA Balancing Rooftop Heat And Cool Unit.....	424.56	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-212.28
23 05 93 00-0013 EA Balancing Variable Volume Air Handling Unit.....	1,485.95	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-742.98
<b>23 05 93 00-0014</b>	<b>Registers, Diffusers, Terminal Air Units And Dampers</b> (23 05 93)	
23 05 93 00-0015 EA Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser .....	87.43	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-43.72
23 05 93 00-0016 EA Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser .....	145.72	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-72.86
23 05 93 00-0017 EA Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser .....	75.77	
	<i>For Testing Of Unit Without Balancing, Deduct</i>	-37.89

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC****23 05 93 Testing, Adjusting, and Balancing for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0018 EA Balance Variable Air Volume Box.....	82.10	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-41.05	
23 05 93 00-0019 EA Balance Constant Volume Box.....	82.10	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-41.05	
23 05 93 00-0020 EA Balance Fan Powered Box.....	93.26	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-46.63	
23 05 93 00-0021 EA Balance Lab Fume Hood.....	378.88	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-189.44	
23 05 93 00-0022 EA Balance General Hood.....	291.44	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-145.72	
23 05 93 00-0023 EA Balance Induction Unit.....	174.87	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-87.44	
23 05 93 00-0024 EA Balance Moduline - Master.....	69.93	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-34.97	
23 05 93 00-0025 EA Balance Moduline - Slave.....	34.97	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-17.49	
23 05 93 00-0026 EA Balance Dampers.....	32.47	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-16.24	
23 05 93 00-0027 EA Balance Regenerators.....	465.55	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-232.78	
<b>23 05 93 00-0028 Water Balancing Of Components (23 05 93)</b>		
23 05 93 00-0029 EA Water Balance, Air-Cool Condenser.....	583.82	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-291.91	
23 05 93 00-0030 EA Water Balance, Cabinet Heater.....	74.30	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-37.15	
23 05 93 00-0031 EA Water Balance, Chiller, Air-Cooled.....	636.78	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-318.39	
23 05 93 00-0032 EA Water Balance, Chiller, Water Cooled.....	849.11	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-424.56	
23 05 93 00-0033 EA Water Balance, Cooling Tower.....	424.56	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-212.28	
23 05 93 00-0034 EA Water Balance, Fan Coil And Vent.....	106.20	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-53.10	
23 05 93 00-0035 EA Water Balance, Fin Tube And Radiant Panel.....	106.14	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-53.07	
23 05 93 00-0036 EA Water Balance, Main And Duct Re-Heat Coil.....	116.75	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-58.38	
23 05 93 00-0037 EA Water Balance, Pumps.....	318.43	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-159.22	
23 05 93 00-0038 EA Water Balance, Unit Heater.....	74.30	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-37.15	
23 05 93 00-0039 EA Water Balancing, Converter.....	318.55	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-159.28	
23 05 93 00-0040 EA Water Balancing, Cocks And Valves.....	53.06	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-26.53	
23 05 93 00-0041 EA Water Balance, Convector.....	63.68	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-31.84	
23 05 93 00-0042 EA Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves.....	79.61	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-39.81	
23 05 93 00-0043 EA Water Balance, Boiler, Up To 500 MBH.....	689.90	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-344.95	
23 05 93 00-0044 EA >500 To 1,000 MBH, Water Balance, Boiler.....	1,273.68	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-636.84	
23 05 93 00-0045 EA >1,000 MBH, Water Balance, Boiler.....	2,335.07	
<i>For Testing Of Unit Without Balancing, Deduct</i>	-1,167.54	
<b>23 05 93 00-0046 Non-Destructive Testing (23 05 93)</b>		
<b>23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing (23 05 93 00-0046)</b>		
<b>23 05 93 00-0048 Minimum Charge For X-Ray Welds (23 05 93 00-0047)</b>		
23 05 93 00-0049 EA X-Ray Welds Minimum Set-Up Charge.....	957.60	
Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
<b>23 05 93 00-0050 Piping, X-Ray Welds, Non-Destructive Testing (23 05 93 00-0047)</b>		
23 05 93 00-0051 EA Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing.....	89.58	
23 05 93 00-0052 EA 1" Piping, X-Ray Welds, Non-Destructive Testing.....	101.85	
23 05 93 00-0053 EA 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing.....	114.11	
23 05 93 00-0054 EA 2" Piping, X-Ray Welds, Non-Destructive Testing.....	120.62	
23 05 93 00-0055 EA 3" Piping, X-Ray Welds, Non-Destructive Testing.....	127.13	
23 05 93 00-0056 EA 4" Piping, X-Ray Welds, Non-Destructive Testing.....	134.38	
23 05 93 00-0057 EA 6" Piping, X-Ray Welds, Non-Destructive Testing.....	147.39	
23 05 93 00-0058 EA 8" Piping, X-Ray Welds, Non-Destructive Testing.....	160.40	
23 05 93 00-0059 EA 10" Piping, X-Ray Welds, Non-Destructive Testing.....	167.65	
23 05 93 00-0060 EA 12" Piping, X-Ray Welds, Non-Destructive Testing.....	174.90	
<b>23 05 93 00-0061 Liquid Penetration Of Welds, Non-Destructive Testing (23 05 93 00-0046)</b>		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0062				<b>Piping, Liquid Penetration Of Welds, Non-Destructive Testing</b> <small>(23 05 93 00-0061)</small>		
23 05 93 00-0063	EA			Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	119.31	
23 05 93 00-0064	EA			1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	125.07	
23 05 93 00-0065	EA			1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	130.83	
23 05 93 00-0066	EA			2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	133.71	
23 05 93 00-0067	EA			3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	138.04	
23 05 93 00-0068	EA			4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	142.36	
23 05 93 00-0069	EA			6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	151.00	
23 05 93 00-0070	EA			8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	159.64	
23 05 93 00-0071	EA			10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	168.29	
23 05 93 00-0072	EA			12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing.....	176.93	
23 05 93 00-0073				<b>Hydrostatic Testing</b> <small>(23 05 93 00-0046)</small>		
				Note: Includes flushing and restoring of system.		
23 05 93 00-0074				<b>Piping, Hydrostatic Testing</b> <small>(23 05 93 00-0073)</small>		
23 05 93 00-0075	EA			Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing.....	758.18	
23 05 93 00-0076	EA			>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing.....	1,083.12	
23 05 93 00-0077	EA			>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing.....	1,297.78	
23 05 93 00-0078	EA			>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing.....	1,728.66	
23 05 93 00-0079	EA			>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing.....	2,619.17	
23 05 93 00-0080	EA			Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,008.08	
23 05 93 00-0081	EA			>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,440.54	
23 05 93 00-0082	EA			>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing.....	1,714.94	
23 05 93 00-0083	EA			>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing.....	2,247.23	
23 05 93 00-0084	EA			>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing.....	3,399.68	
23 05 93 00-0085	EA			Up To 100', >4" To 10" Piping, Hydrostatic Testing.....	1,313.78	
23 05 93 00-0086	EA			>100' To 250', >4" To 10" Piping, Hydrostatic Testing.....	1,872.71	
23 05 93 00-0087	EA			>250' To 500', >4" To 10" Piping, Hydrostatic Testing.....	1,975.81	
23 05 93 00-0088	EA			>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing.....	2,588.47	
23 05 93 00-0089	EA			>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing.....	3,915.87	
23 05 93 00-0090	EA			Up To 100', >10" To 14" Piping, Hydrostatic Testing.....	1,705.61	
23 05 93 00-0091	EA			>100' To 250', >10" To 14" Piping, Hydrostatic Testing.....	2,431.63	
23 05 93 00-0092	EA			>250' To 500', >10" To 14" Piping, Hydrostatic Testing.....	2,569.06	
23 05 93 00-0093	EA			>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing.....	3,369.60	
23 05 93 00-0094	EA			>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing.....	5,105.46	
23 05 93 00-0095				<b>Pneumatic Testing</b> <small>(23 05 93 00-0046)</small>		
				Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096				<b>Piping, Pneumatic Testing</b> <small>(23 05 93 00-0095)</small>		
23 05 93 00-0097	EA			Up To 100', Up To 1-1/2" Piping, Pneumatic Testing.....	862.76	
				Note: Includes soaping joints.		
23 05 93 00-0098	EA			>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing.....	1,230.84	
				Note: Includes soaping joints.		
23 05 93 00-0099	EA			>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing.....	1,330.13	
				Note: Includes soaping joints.		
23 05 93 00-0100	EA			>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing.....	1,704.47	
				Note: Includes soaping joints.		
23 05 93 00-0101	EA			>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing.....	2,667.04	
				Note: Includes soaping joints.		
23 05 93 00-0102	EA			Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,125.74	
				Note: Includes soaping joints.		
23 05 93 00-0103	EA			>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,598.23	
				Note: Includes soaping joints.		
23 05 93 00-0104	EA			>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing.....	1,728.99	
				Note: Includes soaping joints.		
23 05 93 00-0105	EA			>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing.....	2,216.15	
				Note: Includes soaping joints.		
23 05 93 00-0106	EA			>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing.....	3,466.41	
				Note: Includes soaping joints.		
23 05 93 00-0107	EA			Up To 100', >4" To 10" Piping, Pneumatic Testing.....	1,355.81	
				Note: Includes soaping joints.		
23 05 93 00-0108	EA			>100' To 250', >4" To 10" Piping, Pneumatic Testing.....	1,913.04	
				Note: Includes soaping joints.		
23 05 93 00-0109	EA			>250' To 500', >4" To 10" Piping, Pneumatic Testing.....	2,164.65	
				Note: Includes soaping joints.		
23 05 93 00-0110	EA			>500' To 1,000', >4" To 10" Piping, Pneumatic Testing.....	2,767.04	
				Note: Includes soaping joints.		
23 05 93 00-0111	EA			>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing.....	4,334.33	
				Note: Includes soaping joints.		
23 05 93 00-0112	EA			Up To 100', >10" To 14" Piping, Pneumatic Testing.....	1,765.45	
				Note: Includes soaping joints.		
23 05 93 00-0113	EA			>100' To 250', >10" To 14" Piping, Pneumatic Testing.....	2,487.19	
				Note: Includes soaping joints.		
23 05 93 00-0114	EA			>250' To 500', >10" To 14" Piping, Pneumatic Testing.....	2,815.06	
				Note: Includes soaping joints.		
23 05 93 00-0115	EA			>500' To 1,000', >10" To 14" Piping, Pneumatic Testing.....	3,598.18	
				Note: Includes soaping joints.		
23 05 93 00-0116	EA			>1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing.....	5,644.33	
				Note: Includes soaping joints.		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 05 Common Work Results for HVAC**

23 05 93 Testing, Adjusting, and Balancing for HVAC

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 05 93 00-0117	EPA Testing Of Sludge <sup>(23 05 93)</sup>		
23 05 93 00-0118	EA Flashpoint And Lead Test For Lead.....	1,046.17	
23 05 93 00-0119	EA Air Test/Combustion Gas Level .....	101.48	
23 05 93 00-0120	EA Toxicity Test For Heavy Metals.....	1,606.40	
23 05 93 00-0121	EA Aboveground Tank Water Settlement Test Including Water .....	1,218.00	

**23 07 HVAC Insulation <sup>(23)</sup>****23 07 13 Duct Insulation <sup>(23 07)</sup>**

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001	FSK Fiber Glass Duct Wrap Insulation <sup>(23 07 13)</sup>		
	Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight. See CSI section 23 33 53 00-0000 for internal duct insulation.		
23 07 13 00-0002	Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation <sup>(23 07 13 00-0001)</sup>		
23 07 13 00-0003	SF 1" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	4.02	2.28
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.39	
	<i>For Work In Restricted Working Space, Add</i>	0.91	
23 07 13 00-0004	SF 1-1/2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation.....	4.68	2.28
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.45	
	<i>For Work In Restricted Working Space, Add</i>	1.07	
23 07 13 00-0005	SF 2" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	5.30	3.41
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.49	
	<i>For Work In Restricted Working Space, Add</i>	1.22	
23 07 13 00-0006	SF 3" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	6.27	3.99
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.61	
	<i>For Work In Restricted Working Space, Add</i>	1.43	
23 07 13 00-0007	SF 4" Thick, Type 75, 0.75 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	7.54	4.33
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.96	
	<i>For Work In Restricted Working Space, Add</i>	1.54	
23 07 13 00-0008	Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation <sup>(23 07 13 00-0001)</sup>		
23 07 13 00-0009	SF 1" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	4.93	3.41
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.45	
	<i>For Work In Restricted Working Space, Add</i>	1.14	
23 07 13 00-0010	SF 1-1/2" Thick, Type 100, 1.0 Lb./CF, FSK Fiber Glass Duct Wrap Insulation.....	5.76	3.99
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.55	
	<i>For Work In Restricted Working Space, Add</i>	1.31	
23 07 13 00-0011	SF 2" Thick, Type 100, 1.0 Lb./CF, Fiber Glass FSK Duct Wrap Insulation .....	6.80	4.55
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.65	
	<i>For Work In Restricted Working Space, Add</i>	1.55	
23 07 13 00-0012	Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation <sup>(23 07 13 00-0001)</sup>		
23 07 13 00-0013	SF 1" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	6.49	4.55
	<i>For Plain Blanket, With No Facing, Deduct</i>	-0.77	
	<i>For Work In Restricted Working Space, Add</i>	1.37	
23 07 13 00-0014	SF 1-1/2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation.....	8.56	5.13
	<i>For Plain Blanket, With No Facing, Deduct</i>	-1.34	
	<i>For Work In Restricted Working Space, Add</i>	1.57	
23 07 13 00-0015	SF 2" Thick, Type 150, 1.5 Lb./CF, FSK Fiber Glass Duct Wrap Insulation .....	10.00	5.70
	<i>For Plain Blanket, With No Facing, Deduct</i>	-1.57	
	<i>For Work In Restricted Working Space, Add</i>	1.82	
23 07 13 00-0016	3 Lb./CF, FSK Rigid Fiber Glass Board Insulation <sup>(23 07 13)</sup>		
	Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017	SF 1" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation .....	10.81	5.72
	<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	24.75	
	<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	18.39	
	<i>For Non-Metallic Weatherproof Paste, 2 Lb., Add</i>	15.15	
	<i>For Work In Restricted Working Space, Add</i>	3.03	
23 07 13 00-0018	SF 1-1/2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation.....	13.93	6.96
	<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	30.68	
	<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	23.16	
	<i>For Non-Metallic Weatherproof Paste, 2 Lb., Add</i>	18.98	
	<i>For Work In Restricted Working Space, Add</i>	3.69	
23 07 13 00-0019	SF 2" Thick, 3 Lb./CF, FSK Rigid Fiber Glass Board Insulation .....	17.40	8.40
	<i>For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add</i>	37.43	
	<i>For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add</i>	28.54	
	<i>For Non-Metallic Weatherproof Paste, 2 Lb., Add</i>	23.32	
	<i>For Work In Restricted Working Space, Add</i>	4.46	
23 07 13 00-0020	4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation <sup>(23 07 13)</sup>		
	Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021	SF 1" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation .....	12.15	6.30
	<i>For Work In Restricted Working Space, Add</i>	3.34	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0022 SF 1-1/2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.84 4.06	7.66
23 07 13 00-0023 SF 2" Thick, 4.253 Lb./CF, FSK Rigid Fiber Glass Board Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.36 4.90	9.24
<b>23 07 13 00-0024 Sheet Flexible Elastomeric Insulation (23 07 13)</b>		
23 07 13 00-0025 SF 3/8" Thick, Sheet Flexible Elastomeric Insulation .....	9.66	3.07
23 07 13 00-0026 SF 1/2" Thick, Sheet Flexible Elastomeric Insulation .....	10.33	3.24
23 07 13 00-0027 SF 3/4" Thick, Sheet Flexible Elastomeric Insulation .....	13.66	3.41
23 07 13 00-0028 SF 1" Thick, Sheet Flexible Elastomeric Insulation .....	15.79	3.58
23 07 13 00-0029 SF 1-1/2" Thick, Sheet Flexible Elastomeric Insulation .....	22.00	3.93
23 07 13 00-0030 SF 2" Thick, Sheet Flexible Elastomeric Insulation .....	26.07	4.27
<b>23 07 13 00-0031 Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13)</b>		
Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032 SF 1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	14.47	3.24
23 07 13 00-0033 SF 3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	15.94	3.41
23 07 13 00-0034 SF 1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	17.78	3.58
23 07 13 00-0035 SF 1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	27.96	3.93
23 07 13 00-0036 SF 2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	33.18	4.27
<b>23 07 13 00-0037 Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13)</b>		
Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038 SF 1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	17.42	3.24
23 07 13 00-0039 SF 3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	18.88	3.41
23 07 13 00-0040 SF 1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	21.25	3.58
23 07 13 00-0041 SF 1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation .....	31.39	3.93
<b>23 07 16 HVAC Equipment Insulation (23 07)</b>		
<b>23 07 16 00-0001 Calcium Silicate Block Insulation (23 07 16)</b>		
23 07 16 00-0002 SF 1" Thick, Calcium Silicate Block Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.41 4.12	6.87
23 07 16 00-0003 SF 1-1/2" Thick, Calcium Silicate Block Insulation ..... <i>For Work In Restricted Working Space, Add</i>	20.98 4.64	7.73
23 07 16 00-0004 SF 2" Thick, Calcium Silicate Block Insulation ..... <i>For Work In Restricted Working Space, Add</i>	25.24 5.37	8.92
23 07 16 00-0005 SF 2-1/2" Thick, Calcium Silicate Block Insulation ..... <i>For Work In Restricted Working Space, Add</i>	30.12 6.28	10.47
23 07 16 00-0006 SF 3" Thick, Calcium Silicate Block Insulation ..... <i>For Work In Restricted Working Space, Add</i>	36.79 7.73	12.89
<b>23 07 19 HVAC Piping Insulation (23 07)</b>		
See CSI section 22 07 19 00-0000 for pipe insulation.		
<b>23 07 19 00-0001 Calcium Silicate Pipe Insulation (23 07 19)</b>		
Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0001 for protective jacketing.		
<b>23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0003 LF 1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.26 2.81	3.75
23 07 19 00-0004 LF 3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.26 2.81	3.75
23 07 19 00-0005 LF 1" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.23 2.85	3.80
23 07 19 00-0006 LF 1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.43 2.89	3.85
23 07 19 00-0007 LF 1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	13.59 2.93	3.91
23 07 19 00-0008 LF 2" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	14.45 3.01	4.02
23 07 19 00-0009 LF 2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.11 3.13	4.18
23 07 19 00-0010 LF 3" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	15.73 3.21	4.28
23 07 19 00-0011 LF 4" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	17.79 3.46	4.61
23 07 19 00-0012 LF 6" Diameter Pipe, 1" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	19.86 3.90	5.20



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0013			<b>1-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0014	LF		1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	13.87	3.90
			<i>For Work In Restricted Working Space, Add</i>	2.93	
23 07 19 00-0015	LF		3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	13.93	3.90
			<i>For Work In Restricted Working Space, Add</i>	2.93	
23 07 19 00-0016	LF		1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	14.90	4.13
			<i>For Work In Restricted Working Space, Add</i>	3.10	
23 07 19 00-0017	LF		1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	15.44	4.21
			<i>For Work In Restricted Working Space, Add</i>	3.16	
23 07 19 00-0018	LF		1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	16.00	4.29
			<i>For Work In Restricted Working Space, Add</i>	3.21	
23 07 19 00-0019	LF		2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	17.13	4.52
			<i>For Work In Restricted Working Space, Add</i>	3.39	
23 07 19 00-0020	LF		2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	17.86	4.60
			<i>For Work In Restricted Working Space, Add</i>	3.45	
23 07 19 00-0021	LF		3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	18.53	4.75
			<i>For Work In Restricted Working Space, Add</i>	3.57	
23 07 19 00-0022	LF		4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	20.55	5.15
			<i>For Work In Restricted Working Space, Add</i>	3.86	
23 07 19 00-0023	LF		6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	23.86	6.00
			<i>For Work In Restricted Working Space, Add</i>	4.50	
23 07 19 00-0024	LF		8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	27.57	6.33
			<i>For Work In Restricted Working Space, Add</i>	4.75	
23 07 19 00-0025	LF		10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	34.48	7.58
			<i>For Work In Restricted Working Space, Add</i>	5.69	
23 07 19 00-0026	LF		12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	40.50	8.83
			<i>For Work In Restricted Working Space, Add</i>	6.62	
23 07 19 00-0027	LF		14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	45.01	9.68
			<i>For Work In Restricted Working Space, Add</i>	7.26	
23 07 19 00-0028	LF		16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	54.10	12.33
			<i>For Work In Restricted Working Space, Add</i>	9.24	
23 07 19 00-0029	LF		18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation .....	58.10	12.94
			<i>For Work In Restricted Working Space, Add</i>	9.70	
23 07 19 00-0030			<b>2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0031	LF		1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	17.22	4.28
			<i>For Work In Restricted Working Space, Add</i>	3.21	
23 07 19 00-0032	LF		3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	17.57	4.28
			<i>For Work In Restricted Working Space, Add</i>	3.21	
23 07 19 00-0033	LF		1" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	18.08	4.34
			<i>For Work In Restricted Working Space, Add</i>	3.26	
23 07 19 00-0034	LF		1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	18.73	4.39
			<i>For Work In Restricted Working Space, Add</i>	3.30	
23 07 19 00-0035	LF		1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	19.20	4.45
			<i>For Work In Restricted Working Space, Add</i>	3.34	
23 07 19 00-0036	LF		2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	20.00	4.61
			<i>For Work In Restricted Working Space, Add</i>	3.46	
23 07 19 00-0037	LF		2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	22.13	4.77
			<i>For Work In Restricted Working Space, Add</i>	3.58	
23 07 19 00-0038	LF		3" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	22.58	4.93
			<i>For Work In Restricted Working Space, Add</i>	3.70	
23 07 19 00-0039	LF		4" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	24.86	5.21
			<i>For Work In Restricted Working Space, Add</i>	3.91	
23 07 19 00-0040	LF		6" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	30.39	6.24
			<i>For Work In Restricted Working Space, Add</i>	4.69	
23 07 19 00-0041	LF		8" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	34.08	6.60
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 07 19 00-0042	LF		10" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	41.83	7.89
			<i>For Work In Restricted Working Space, Add</i>	5.92	
23 07 19 00-0043	LF		12" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	48.18	9.45
			<i>For Work In Restricted Working Space, Add</i>	7.09	
23 07 19 00-0044	LF		14" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	59.96	13.18
			<i>For Work In Restricted Working Space, Add</i>	9.89	
23 07 19 00-0045	LF		16" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	62.72	13.18
			<i>For Work In Restricted Working Space, Add</i>	9.89	
23 07 19 00-0046	LF		18" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	67.07	13.84
			<i>For Work In Restricted Working Space, Add</i>	10.38	
23 07 19 00-0047	LF		20" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	79.54	15.82
			<i>For Work In Restricted Working Space, Add</i>	11.87	
23 07 19 00-0048	LF		24" Diameter Pipe, 2" Thick Calcium Silicate Insulation .....	93.04	19.11
			<i>For Work In Restricted Working Space, Add</i>	14.34	
23 07 19 00-0049			<b>2-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0050	LF		1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	20.54	4.94
			<i>For Work In Restricted Working Space, Add</i>	3.71	
23 07 19 00-0051	LF		3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	20.91	4.94
			<i>For Work In Restricted Working Space, Add</i>	3.71	
23 07 19 00-0052	LF		1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	21.27	5.01
			<i>For Work In Restricted Working Space, Add</i>	3.77	
23 07 19 00-0053	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation .....	21.47	5.06
			<i>For Work In Restricted Working Space, Add</i>	3.80	



Heating, Ventilating, and Air-Conditioning (HVAC) 23

HVAC Insulation 23 07

HVAC Piping Insulation 23 07 19

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0054	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	21.96 3.82	5.10
23 07 19 00-0055	LF		2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	22.89 3.98	5.31
23 07 19 00-0056	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.46 4.12	5.49
23 07 19 00-0057	LF		3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.94 4.26	5.68
23 07 19 00-0058	LF		4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.62 4.49	5.99
23 07 19 00-0059	LF		6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.50 5.11	6.81
23 07 19 00-0060	LF		8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	41.55 5.69	7.59
23 07 19 00-0061	LF		10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	49.44 6.57	8.76
23 07 19 00-0062	LF		12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	57.94 8.16	10.89
23 07 19 00-0063	LF		14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	64.00 8.91	11.88
23 07 19 00-0064	LF		16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	78.14 11.39	15.19
23 07 19 00-0065	LF		18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	82.46 11.96	15.94
23 07 19 00-0066	LF		20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	95.51 13.67	18.23
23 07 19 00-0067	LF		24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	112.57 16.51	22.02
<b>23 07 19 00-0068</b>			<b>3" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0069	LF		1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.46 4.10	5.47
23 07 19 00-0070	LF		3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.55 4.10	5.47
23 07 19 00-0071	LF		1" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.78 4.15	5.53
23 07 19 00-0072	LF		1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	26.04 4.17	5.56
23 07 19 00-0073	LF		1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	26.29 4.22	5.62
23 07 19 00-0074	LF		2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.19 4.37	5.83
23 07 19 00-0075	LF		2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.91 4.52	6.03
23 07 19 00-0076	LF		3" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.57 4.69	6.24
23 07 19 00-0077	LF		4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	35.59 4.95	6.60
23 07 19 00-0078	LF		6" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	42.02 5.62	7.49
23 07 19 00-0079	LF		8" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.62 6.26	8.35
23 07 19 00-0080	LF		10" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	57.59 7.22	9.63
23 07 19 00-0081	LF		12" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	67.00 8.98	11.97
23 07 19 00-0082	LF		14" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	74.25 9.80	13.07
23 07 19 00-0083	LF		16" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	87.68 12.53	16.71
23 07 19 00-0084	LF		18" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	94.27 13.15	17.54
23 07 19 00-0085	LF		20" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	110.12 15.04	20.06
23 07 19 00-0086	LF		24" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	130.55 18.17	24.22
<b>23 07 19 00-0087</b>			<b>3-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)</b>		
23 07 19 00-0088	LF		1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	31.89 4.49	5.99
23 07 19 00-0089	LF		3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.96 4.49	5.99
23 07 19 00-0090	LF		1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	33.05 4.52	6.03
23 07 19 00-0091	LF		1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	33.16 4.55	6.07
23 07 19 00-0092	LF		1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	34.14 4.61	6.14
23 07 19 00-0093	LF		2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.12 4.76	6.35
23 07 19 00-0094	LF		2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	39.04 4.93	6.58

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0095 LF 3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	40.43 5.11	6.81
23 07 19 00-0096 LF 4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	45.73 5.40	7.20
23 07 19 00-0097 LF 6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	51.11 6.13	8.18
23 07 19 00-0098 LF 8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	61.75 6.83	9.10
23 07 19 00-0099 LF 10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	74.73 7.88	10.50
23 07 19 00-0100 LF 12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	90.66 9.80	13.06
23 07 19 00-0101 LF 14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	95.80 10.70	14.26
23 07 19 00-0102 LF 16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	112.62 13.67	18.23
23 07 19 00-0103 LF 18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	128.34 14.35	19.13
23 07 19 00-0104 LF 20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	139.20 16.41	21.88

**23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)**

23 07 19 00-0106 LF 1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	39.36 4.99	6.66
23 07 19 00-0107 LF 3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	39.39 4.99	6.66
23 07 19 00-0108 LF 1" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	39.68 5.08	6.77
23 07 19 00-0109 LF 1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	40.71 5.14	6.85
23 07 19 00-0110 LF 1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	43.00 5.30	7.07
23 07 19 00-0111 LF 2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	43.94 5.46	7.28
23 07 19 00-0112 LF 2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	47.66 5.55	7.40
23 07 19 00-0113 LF 3" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	49.08 5.75	7.66
23 07 19 00-0114 LF 4" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	55.36 6.07	8.10
23 07 19 00-0115 LF 6" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	63.94 6.89	9.18
23 07 19 00-0116 LF 8" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	75.79 7.68	10.24
23 07 19 00-0117 LF 10" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	87.29 8.87	11.83
23 07 19 00-0118 LF 12" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	100.10 11.02	14.69
23 07 19 00-0119 LF 14" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	106.71 12.04	16.05
23 07 19 00-0120 LF 16" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	127.21 15.39	20.52
23 07 19 00-0121 LF 18" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	135.11 16.13	21.51
23 07 19 00-0122 LF 20" Diameter Pipe, 4" Thick Calcium Silicate Insulation ..... <i>For Work In Restricted Working Space, Add</i>	149.99 18.46	24.61

**23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)**

23 07 19 00-0124 SF 1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET) ..... <i>For Work In Restricted Working Space, Add</i>	5.94 1.06	
--	--------------	--

**23 08 Commissioning of HVAC (23)**

See CSI section 23 05 93 00-0000 for testing and balancing.

**23 09 Instrumentation and Control for HVAC (23)****23 09 23 Direct-Digital Control System for HVAC (23 09)**

23 09 23 00-0001 Boiler Control (23 09 23)		
23 09 23 00-0002 EA Boiler Controller, Heat-Timer Model MPC.....	6,853.04	
23 09 23 00-0003 EA Boiler Controller, Heat-Timer Model MOD-4.....	7,946.92	

**23 09 23 11 Control Valves (23 09 23)**

23 09 23 11-0001 Valves With Actuator (23 09 23 11)		
23 09 23 11-0002 EA 1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US).....	834.36	14.87
23 09 23 11-0003 EA 3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US).....	860.36	20.05
23 09 23 11-0004 EA 1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US).....	940.38	24.27



Table with columns: MINOR CSI UOM DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Lists various valve actuators and butterfly valves with their respective costs.

23 09 23 11-0068 Valve Actuators (23 09 23 11)

Table listing specific valve actuators under the section 23 09 23 11-0068, including descriptions and costs.



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT).....	800.89	95.21
23 09 23	11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3).....	564.52	95.21
23 09 23	11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR).....	648.53	95.21
23 09 23	11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T).....	575.99	95.21
23 09 23	11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3).....	586.93	95.21
23 09 23	11-0082	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14).....	591.02	95.21
23 09 23	11-0083	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S).....	665.39	95.21
23 09 23	11-0084	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T).....	697.46	95.21
23 09 23	11-0085	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR).....	714.51	95.21
23 09 23	11-0086	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT).....	711.12	95.21
23 09 23	11-0087	EA	24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC).....	722.03	95.21
23 09 23	11-0088	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95).....	721.34	95.21
23 09 23	11-0089	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4).....	792.11	95.21
23 09 23	11-0090	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-N4).....	971.10	95.21
23 09 23	11-0091	EA	100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3).....	628.53	95.21
23 09 23	11-0092	EA	100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR).....	759.57	95.21
23 09 23	11-0093	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24).....	1,787.21	95.21
23 09 23	11-0094	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24).....	2,011.02	95.21
23 09 23	11-0095	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24).....	2,425.22	95.21
23 09 23	11-0096	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24).....	2,754.80	95.21
23 09 23	11-0097	EA	120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110).....	3,271.36	95.21
23 09 23	11-0098	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110).....	3,863.67	95.21
23 09 23	11-0099	EA	120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110).....	5,225.68	95.21
23 09 23	11-0100	EA	120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-Lb., Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110).....	6,391.84	95.21

**23 09 23 12 Control Dampers** (23 09 23)**23 09 23 12-0001 Rectangular Galvanized Volume Control Dampers** (23 09 23 12)

Note: Excludes actuators.

23 09 23	12-0002	EA	8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008).....	210.18	36.14
23 09 23	12-0003	EA	10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010).....	237.30	39.64
23 09 23	12-0004	EA	12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012).....	265.56	43.72
23 09 23	12-0005	EA	14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014).....	306.77	51.29
23 09 23	12-0006	EA	16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016).....	346.81	58.29
23 09 23	12-0007	EA	18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018).....	348.36	65.58
23 09 23	12-0008	EA	20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020).....	430.29	72.86
23 09 23	12-0009	EA	24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024).....	513.73	87.43
23 09 23	12-0010	EA	32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032).....	663.43	102.00
23 09 23	12-0011	EA	48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048).....	997.74	116.57
23 09 23	12-0012	EA	60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060).....	1,859.92	131.15
23 09 23	12-0013	EA	72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072).....	2,370.21	145.72

**23 09 23 12-0014 Round Galvanized Control Dampers** (23 09 23 12)

Note: Excludes actuators.

23 09 23	12-0015	EA	6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06).....	202.16	40.80
23 09 23	12-0016	EA	8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08).....	208.09	43.72
23 09 23	12-0017	EA	10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10).....	217.76	43.72
23 09 23	12-0018	EA	12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12).....	241.37	49.55
23 09 23	12-0019	EA	14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14).....	277.19	49.55
23 09 23	12-0020	EA	16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16).....	299.03	58.29
23 09 23	12-0021	EA	18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18).....	402.36	61.35
23 09 23	12-0022	EA	20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20).....	420.91	63.59
23 09 23	12-0023	EA	22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22).....	446.17	68.56
23 09 23	12-0024	EA	24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24).....	471.99	73.52

**23 09 23 12-0025 Control Damper Actuators** (23 09 23 12)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0026 EA 44 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR).....	523.72	96.31
23 09 23 12-0027 EA 90 IN-Lb., 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR).....	570.79	96.31
23 09 23 12-0028 EA 90 IN-Lb., 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP).....	647.90	96.31
23 09 23 12-0029 EA 175 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR).....	684.75	96.31
23 09 23 12-0030 EA 90 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR).....	706.61	96.31
23 09 23 12-0031 EA 360 IN-Lb., 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR).....	792.58	96.31
<b>23 09 23 12-0032 Remote Damper Control</b> (23 09 23 12)		
23 09 23 12-0033 EA Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)..... <i>For Each 10' Flexible Casing And Wire, Add</i>	281.17 42.22	
23 09 23 12-0034 EA Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)..... <i>For Each 10' Flexible Casing And Wire, Add</i>	289.80 42.22	
<b>23 09 23 13 Energy Meters</b> (23 09 23)		
<b>23 09 23 13-0001 Surge Protectors</b> (23 09 23 13)		
23 09 23 13-0002 EA Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255).....	360.44	9.29
23 09 23 13-0003 EA Surge Protector, 1AC Outlet (Transtector TR2251).....	271.46	9.29
23 09 23 13-0004 EA Surge Protector, 2 AC Outlets (Transtector TR2254).....	424.56	9.29
23 09 23 13-0005 EA Surge Protector, DB-15 Connection (Transtector TR2259-DLP15).....	228.02	9.29
23 09 23 13-0006 EA Surge Protector, DB-25 Connection (Transtector TR2259-DLP25).....	228.02	9.29
23 09 23 13-0007 EA Surge Protector, DB-9 Connection (Transtector TR2259-DLP9).....	228.02	9.29
23 09 23 13-0008 EA Surge Protector, Individual Wire Connection (Transtector TR2258).....	331.48	9.29
23 09 23 13-0009 EA Surge Protector, Trane Communication Links (Transtector TR2257).....	203.19	9.29
<b>23 09 23 14 Flow Instruments</b> (23 09 23)		
<b>23 09 23 14-0001 Water Flow Meters</b> (23 09 23 14)		
23 09 23 14-0002 EA Insertion Electromagnetic Water Flow Meter (Onicon F-3500)..... <i>Note: Excludes pipe fittings.</i>	5,405.47	101.72
<b>23 09 23 14-0003 Air Flow Monitoring Stations</b> (23 09 23 14)		
23 09 23 14-0004 EA Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116)..... <i>Note: 10' cable, 36" x 24" typical duct size.</i>	4,232.11	111.91
23 09 23 14-0005 EA Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)..... <i>Note: 10' cable, 48" x 36" typical duct size.</i>	6,090.11	111.91
23 09 23 14-0006 EA Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)..... <i>Note: 10' cable, 60" x 48" typical duct size.</i>	7,587.12	111.91
<b>23 09 23 16 Gas Instruments</b> (23 09 23)		
<b>23 09 23 16-0001 Gas Sensors</b> (23 09 23 16)		
23 09 23 16-0002 EA 6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	2,237.84	55.73
23 09 23 16-0003 EA Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD).....	984.89	37.15
23 09 23 16-0004 EA CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2)..... <i>Note: Solid state sensor.</i>	1,775.21	55.73
23 09 23 16-0005 EA CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD).....	953.31	66.88
<b>23 09 23 19 Moisture Instruments</b> (23 09 23)		
<b>23 09 23 19-0001 Relative Humidity Sensors</b> (23 09 23 19)		
23 09 23 19-0002 EA 3% Duct Mounted RH Sensor (Kele HD30K).....	586.52	66.88
23 09 23 19-0003 EA 10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3).....	603.04	66.88
23 09 23 19-0004 EA 3% RH Outdoor Air Sensor (Kele HO30K).....	677.85	92.88
23 09 23 19-0005 EA 2% Surface Mounted RH Transmitter (Kele HW20K).....	537.45	37.15
<b>23 09 23 21 Motion Instruments</b> (23 09 23)		
<b>23 09 23 21-0001 Peco Motion Sensors</b> (23 09 23 21)		
23 09 23 21-0002 EA Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	194.30	26.12
23 09 23 21-0003 EA Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	190.35	26.12
23 09 23 21-0004 EA Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001).....	256.50	26.12
23 09 23 21-0005 EA Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002).....	227.31	26.12
23 09 23 21-0006 EA Door Switch Occupancy Sensor (Peco SE200-001).....	66.90	26.12
23 09 23 21-0007 EA Window Switch Occupancy Sensor (Peco SE200-002).....	61.47	26.12
23 09 23 21-0008 EA Power Pack And Controller (Peco SF200-001).....	117.40	26.12
<b>23 09 23 23 Pressure Instruments</b> (23 09 23)		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 09 23 23-0001</b>			<b>Pressure Sensors</b> <small>(23 09 23 23)</small>		
23 09 23 23-0002	EA		0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005).....	785.29	78.43
23 09 23 23-0003	EA		0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050).....	696.50	78.43
23 09 23 23-0004	EA		0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222).....	266.90	78.43
23 09 23 23-0005	EA		0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262).....	277.22	78.43
23 09 23 23-0006	EA		0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460).....	297.41	78.43
23 09 23 23-0007	EA		0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145).....	274.23	78.43
23 09 23 23-0008	EA		0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA).....	2,947.61	78.43
			Note: Excludes pipe fittings.		
23 09 23 23-0009	EA		0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA).....	2,947.61	78.43
			Note: Excludes pipe fittings.		
23 09 23 23-0010	EA		Magnahelic Gauge.....	743.90	47.95
<b>23 09 23 23-0011</b>			<b>Room Pressure Monitoring</b> <small>(23 09 23 23)</small>		
23 09 23 23-0012	EA		Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM).....	3,497.87	58.29
23 09 23 23-0013	EA		Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC).....	5,659.03	58.29
			Note: Excludes dampers and actuators.		
23 09 23 23-0014	EA		Hospital Room Pressure Status Remote Visual Display (TSI 8694-4).....	437.81	34.97
23 09 23 23-0015	EA		Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7).....	506.78	34.97
<b>23 09 23 27</b>			<b>Temperature Instruments</b> <small>(23 09 23)</small>		
<b>23 09 23 27-0001</b>			<b>Air Temperature Sensors</b> <small>(23 09 23 27)</small>		
23 09 23 27-0002	EA		10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24).....	205.78	66.88
23 09 23 27-0003	EA		10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO).....	294.56	66.88
23 09 23 27-0004	EA		10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG).....	215.99	66.88
23 09 23 27-0005	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH).....	226.47	66.88
23 09 23 27-0006	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18).....	229.95	66.88
23 09 23 27-0007	EA		10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6).....	226.50	66.88
23 09 23 27-0008	EA		10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP).....	228.36	66.88
23 09 23 27-0009	EA		10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4).....	246.00	66.88
23 09 23 27-0010	EA		10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW).....	261.41	66.88
23 09 23 27-0011	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24).....	313.82	92.88
23 09 23 27-0012	EA		10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25).....	325.68	92.88
23 09 23 27-0013	EA		Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF).....	143.04	37.15
23 09 23 27-0014	EA		Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R).....	147.40	37.15
23 09 23 27-0015	EA		Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP).....	135.94	37.15
<b>23 09 23 27-0016</b>			<b>Water Temperature Sensors</b> <small>(23 09 23 27)</small>		
23 09 23 27-0017	EA		5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001).....	167.12	71.87
23 09 23 27-0018	EA		Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005).....	374.25	71.87
<b>23 09 23 27-0019</b>			<b>Peco Thermostats</b> <small>(23 09 23 27)</small>		
23 09 23 27-0020	EA		3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ).....	406.45	17.42
23 09 23 27-0021	EA		3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001).....	361.21	17.42
<b>23 09 23 53</b>			<b>Proprietary Control Systems</b> <small>(23 09 23)</small>		
<b>23 09 23 53-0001</b>			<b>EMCS General Costs</b> <small>(23 09 23 53)</small>		
<b>23 09 23 53-0002</b>			<b>EMCS System Design Services</b> <small>(23 09 23 53-0001)</small>		
			Note: Hourly labor rates for use with Site Inspection, Project Management, Engineering, Design, Programming, Training and Technical Support.		
23 09 23 53-0003	HR		EMCS Site Inspection Of Existing Facilities.....	214.79	
23 09 23 53-0004	HR		EMCS Engineering Project Management.....	214.79	
23 09 23 53-0005	HR		EMCS System Engineering, Schematic Design And Layout.....	226.40	
23 09 23 53-0006	HR		EMCS System Software Programming And Graphics Programming.....	185.77	
23 09 23 53-0007	HR		EMCS Graphics Picture Creation.....	194.47	
23 09 23 53-0008	HR		EMCS System Controls Training.....	203.18	
23 09 23 53-0009	HR		EMCS On Site System Diagnostics Field Technician.....	208.98	
23 09 23 53-0010	HR		EMCS Remote Technical Support Using Phone Or Internet.....	179.96	
23 09 23 53-0011	HR		EMCS Travel Time (All Personnel).....	174.15	
<b>23 09 23 53-0012</b>			<b>Field Tests, Checkout And Commissioning</b> <small>(23 09 23 53-0001)</small>		
			Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0013	PNT		EMCS Field Test.....	152.44	
			Note: Priced per point.		
23 09 23 53-0014	PNT		EMCS Field Checkout And Startup.....	152.44	
			Note: Priced per point.		



Table with columns: MINOR CSI UOM DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include items like EMCS Field Commissioning, EMCS System Engineering/Submittal Design And Layout, and Alerton Controls with various device and workstation specifications.

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	53-0076		<b>Automated Logic Controls</b> <small>(23 09 23 53)</small>		
23 09 23	53-0077	EA	0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100).....	3,615.08	278.65
23 09 23	53-0078	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320).....	8,025.18	835.94
23 09 23	53-0079	EA	2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx).....	2,469.97	278.65
23 09 23	53-0080	EA	4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx).....	5,275.87	371.52
23 09 23	53-0081	EA	8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx).....	5,190.41	371.52
23 09 23	53-0082	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160).....	8,329.87	743.05
23 09 23	53-0083	EA	8 Digital Outputs, 8 Universal Inputs, 0 Standalone Control Module (Automated Logic M880nx).....	4,634.95	371.52
23 09 23	53-0084	EA	0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320).....	4,674.73	278.65
23 09 23	53-0085	EA	16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160).....	7,817.14	743.05
23 09 23	53-0086	EA	No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642).....	1,894.11	185.77
23 09 23	53-0087	EA	With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D).....	2,030.15	185.77
23 09 23	53-0088	EA	3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+).....	2,734.07	185.77
23 09 23	53-0089	EA	1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+).....	2,637.93	185.77
23 09 23	53-0090	EA	Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF).....	2,247.78	278.65
23 09 23	53-0091	EA	Unlimited Points, Front End Software For Building Control (Automated Logic WC).....	13,981.17	
23 09 23	53-0092	EA	500 Point, Front End Software For Building Control (Automated Logic WC500).....	8,768.35	
23 09 23	53-0093	EA	Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE).....	11,610.81	
23 09 23	53-0094		<b>Cypress Envirosystems Controls</b> <small>(23 09 23 53)</small>		
23 09 23	53-0095		<b>Wireless Pneumatic Thermostat</b> <small>(23 09 23 53-0094)</small>		
			Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.		
23 09 23	53-0096	EA	Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP).....	559.76	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-28.97	
			For >200, Deduct	-57.89	
23 09 23	53-0097	EA	Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP).....	559.76	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-28.97	
			For >200, Deduct	-57.89	
23 09 23	53-0098	EA	Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1DP).....	559.76	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-28.97	
			For >200, Deduct	-57.89	
23 09 23	53-0099	EA	Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP).....	559.76	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-28.97	
			For >200, Deduct	-57.89	
23 09 23	53-0100	EA	Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB).....	637.36	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-33.29	
			For >200, Deduct	-66.51	
23 09 23	53-0101	EA	Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB).....	637.36	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-33.29	
			For >200, Deduct	-66.51	
23 09 23	53-0102	EA	Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB).....	637.36	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-33.29	
			For >200, Deduct	-66.51	
23 09 23	53-0103	EA	Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB).....	637.36	11.61
			Note: One for every thermostat to be retrofitted.		
			For >50 To 200, Deduct	-33.29	
			For >200, Deduct	-66.51	
23 09 23	53-0104	EA	Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV).....	44.88	11.61
			Note: Optional cover.		
			For >50 To 200, Deduct	-1.85	
			For >200, Deduct	-3.70	
23 09 23	53-0105	EA	Green Box Controller (Cypress Envirosystems GBC-830-COM).....	5,028.67	11.61
			Note: One unit for up to 100 thermostats.		
			For 2, Deduct	-253.77	
			For >2, Deduct	-507.09	
23 09 23	53-0106	EA	WPT USB Hub (Cypress Envirosystems WPT-800-HUSB).....	487.85	11.61
			Note: One unit for up to 100 thermostats.		
			For 2, Deduct	-26.48	
			For >2, Deduct	-52.91	
23 09 23	53-0107	EA	WPT Repeater (Cypress Envirosystems WPT-800-RWAL).....	844.69	11.61
			Note: One unit for up to 15 thermostats.		
			For >5 To 10, Deduct	-43.74	
			For >10, Deduct	-87.40	
23 09 23	53-0108	EA	24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V).....	1,030.87	11.61
			Note: One unit for up to 15 thermostats.		
			For >5 To 10, Deduct	-50.86	
			For >10, Deduct	-101.63	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0109				<b>Delta Controls</b> (23 09 23 53)		
23 09 23 53-0110				<b>Software</b> (23 09 23 53-0109) Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0111	EA			Orca Software Unlimited Points License (Delta Controls DOW333-USB) .....	2,519.12	
23 09 23 53-0112	EA			Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB) .....	4,314.24	
23 09 23 53-0113	EA			Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB) .....	9,347.52	
23 09 23 53-0114	EA			Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB) .....	14,742.80	
23 09 23 53-0115	EA			Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB) .....	7,552.40	
23 09 23 53-0116	EA			Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB) .....	2,519.12	
23 09 23 53-0117	EA			100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01) .....	6,114.32	
23 09 23 53-0118	EA			1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02) .....	7,552.40	
23 09 23 53-0119	EA			KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB) .....	2,635.90	116.11
23 09 23 53-0120	EA			Delta Controls Touch Screen (Delta Controls DHMI-7-I) .....	2,922.60	
23 09 23 53-0121				<b>EMCS Central Equipment And Controllers</b> (23 09 23 53-0109)		
23 09 23 53-0122	EA			Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) .....	8,867.17	464.40
				Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup		
23 09 23 53-0123	EA			Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA'S, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E) .....	6,566.24	464.40
23 09 23 53-0124	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) .....	4,650.00	464.40
23 09 23 53-0125	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180) .....	4,650.00	464.40
23 09 23 53-0126	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146) .....	4,650.00	464.40
23 09 23 53-0127	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3) .....	4,299.58	464.40
23 09 23 53-0128	EA			VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF) .....	1,565.16	232.20
23 09 23 53-0129	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) .....	1,410.57	232.20
23 09 23 53-0130	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3) .....	1,513.14	232.20
23 09 23 53-0131	EA			Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240) .....	1,410.57	232.20
23 09 23 53-0132	EA			Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616) .....	3,461.95	290.25
23 09 23 53-0133	EA			Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440) .....	841.36	116.11
23 09 23 53-0134	EA			Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404) .....	906.54	116.11
23 09 23 53-0135	EA			Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600) .....	1,075.58	116.11
23 09 23 53-0136				<b>Network, VAV And Special Sensors</b> (23 09 23 53-0109)		
23 09 23 53-0137	EA			BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24) .....	286.92	37.15
23 09 23 53-0138	EA			BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24) .....	392.11	41.80
23 09 23 53-0139	EA			Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B) .....	786.03	17.42
23 09 23 53-0140				<b>Honeywell Controls</b> (23 09 23 53)		
23 09 23 53-0141				<b>EMCS Central Equipment And Controllers</b> (23 09 23 53-0140)		
23 09 23 53-0142				<b>EMCS Network Area Controllers (BACnet Or Lon)</b> (23 09 23 53-0141) Note: Includes loading software, software license, loading data base and mounting on wall.		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0143 EA Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	12,482.50	565.99
23 09 23 53-0144 EA Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	8,372.01	565.99
23 09 23 53-0145 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	6,288.21	565.99
23 09 23 53-0146 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	7,946.43	565.99
23 09 23 53-0147 EA Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	6,231.12	565.99
23 09 23 53-0148 EA Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	6,231.12	565.99
23 09 23 53-0149 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,804.62	565.99
23 09 23 53-0150 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,406.66	565.99
23 09 23 53-0151 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,804.62	565.99
23 09 23 53-0152 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,406.66	565.99
23 09 23 53-0153 EA 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,411.85	565.99
23 09 23 53-0154 EA 34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,013.90	565.99
23 09 23 53-0155 EA 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,411.85	565.99
23 09 23 53-0156 EA 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.	8,013.90	565.99
23 09 23 53-0157 EA Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	7,917.88	565.99
23 09 23 53-0158 EA Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only)..... Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	9,929.01	565.99
23 09 23 53-0159 EA Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ)..... Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.	10,549.22	565.99
23 09 23 53-0160 EA Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ)..... Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.	12,560.35	565.99
23 09 23 53-0161 EA Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.	10,577.77	565.99
23 09 23 53-0162 EA Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.	14,410.60	565.99



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 09 23 53-0163</b>	<b>EMCS Network Interfaces (23 09 23 53-0141)</b>	
Note: Includes installation, start-up and tech labor.		
23 09 23 53-0164 EA Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001).....	1,833.58	156.74
Note: For desktop computer.		
23 09 23 53-0165 EA Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009).....	1,554.61	104.49
Note: For laptop computer.		
23 09 23 53-0166 EA FTT-10 To FTT-10 Router (Honeywell Q7751A2010).....	1,977.16	195.98
23 09 23 53-0167 EA 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002).....	3,055.39	283.06
23 09 23 53-0168 EA Two Way Lon Repeater (Honeywell Q7740A1008).....	1,552.88	283.06
23 09 23 53-0169 EA FTT Termination Module For Network Bus (Honeywell 209541B).....	108.18	34.83
<b>23 09 23 53-0170</b>	<b>DDC Application Specific Controller Assemblies (23 09 23 53-0141)</b>	
Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0171 EA Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,847.86	640.05
23 09 23 53-0172 EA >10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,412.48	378.82
23 09 23 53-0173 EA Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	3,030.72	749.76
23 09 23 53-0174 EA >10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,595.34	488.53
23 09 23 53-0175 EA Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,358.68	783.76
23 09 23 53-0176 EA >10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,032.09	587.24
23 09 23 53-0177 EA Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,554.58	901.31
23 09 23 53-0178 EA >10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,201.82	689.76
23 09 23 53-0179 EA Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,505.79	639.95
23 09 23 53-0180 EA >10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,070.41	378.82
23 09 23 53-0181 EA Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,745.31	783.76
23 09 23 53-0182 EA >10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,309.82	522.46
23 09 23 53-0183 EA Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,386.63	650.49
23 09 23 53-0184 EA >10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,942.55	531.74
23 09 23 53-0185 EA Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,626.15	901.30
23 09 23 53-0186 EA >10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,181.95	599.08
23 09 23 53-0187 EA Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	4,312.61	901.30
23 09 23 53-0188 EA >10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	3,916.47	575.86
23 09 23 53-0189 EA Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,791.65	901.30
23 09 23 53-0190 EA >10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,395.40	674.55
<b>23 09 23 53-0191</b>	<b>DDC Programmable Controller Assemblies (23 09 23 53-0141)</b>	
Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0198 for additional components.		
23 09 23 53-0192 EA 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	2,871.51	692.32
23 09 23 53-0193 EA Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	3,363.55	692.32
23 09 23 53-0194 EA 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	4,550.07	814.22
23 09 23 53-0195 EA Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	5,042.10	814.22
23 09 23 53-0196 EA 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	8,405.38	953.55
23 09 23 53-0197 EA Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	8,974.16	953.55
<b>23 09 23 53-0198</b>	<b>EMCS Optional DDC Controller Hardware (23 09 23 53-0141)</b>	
Note: Used to expand the capacity of DDC programmable controller assemblies.		
23 09 23 53-0199 EA 6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005).....	591.66	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0200 EA 6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	683.79	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0201 EA 3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001).....	716.22	
Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0202 EA VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	676.00	
23 09 23 53-0203 EA VAV Controller With Internally Wired Subbase (Honeywell W7751D2016).....	686.38	
23 09 23 53-0204 EA VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	670.81	
23 09 23 53-0205 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	577.39	
23 09 23 53-0206 EA VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004).....	502.13	
23 09 23 53-0207 EA Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002).....	735.69	
23 09 23 53-0208 EA Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000).....	657.84	
23 09 23 53-0209 EA Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	726.60	
23 09 23 53-0210 EA Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	1,542.73	
23 09 23 53-0211 EA Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	1,919.01	
23 09 23 53-0212 EA Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	958.86	
23 09 23 53-0213 EA Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010).....	944.58	
23 09 23 53-0214 EA Hydronic Controller Without Wall Module (Honeywell W7762B1027).....	463.21	
23 09 23 53-0215 EA Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	526.79	
23 09 23 53-0216 EA IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001).....	973.13	
23 09 23 53-0217 EA IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001).....	1,040.60	
23 09 23 53-0218 EA AI Module (Honeywell XFL521B).....	651.35	
23 09 23 53-0219 EA AO Module (Honeywell XFL522B).....	651.35	
23 09 23 53-0220 EA DI Module (Honeywell XFL523B).....	651.35	
23 09 23 53-0221 EA DO Module (Honeywell XFL524B).....	651.35	
23 09 23 53-0222 EA Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511).....	115.48	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 09 23 53-0223	EA		Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513) .....	217.98	
23 09 23 53-0224	EA		Distributed IO, Terminal Block For DO Modules (Honeywell XSL514) .....	214.09	
23 09 23 53-0225	EA		Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI).....	655.24	
23 09 23 53-0226	EA		Lon Hub (Honeywell XIO-HUB) .....	97.31	
23 09 23 53-0227	EA		Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	655.24	
23 09 23 53-0228	EA		Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI) .....	603.34	
23 09 23 53-0229	EA		Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	603.34	
23 09 23 53-0230	EA		Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	635.78	
23 09 23 53-0231	EA		Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000).....	635.78	
23 09 23 53-0232	EA		Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI) .....	914.74	
23 09 23 53-0233	EA		16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	1,079.52	
			Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
23 09 23 53-0234	EA		34 Point IO Module For Network Area Controllers (Honeywell W7750A2005) .....	2,293.99	
			Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		

**23 09 23 53-0235 EMCS Software (23 09 23 53-0140)****23 09 23 53-0236 Software Packages And License (23 09 23 53-0235)**

Note: Includes installation on equipment.

23 09 23 53-0237	EA		On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....	731.79	
			Note: Requires UI services to be installed on NAC.		
23 09 23 53-0238	EA		Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....	2,748.32	
			Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0239	EA		WEBStation-AX Software For Windows (Honeywell WEB-S-AX) .....	8,174.28	
			Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
23 09 23 53-0240	EA		Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....	4,865.64	
			Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
23 09 23 53-0241	EA		Upgrade Small Building To Large Building Software .....	5,473.08	
			Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
23 09 23 53-0242	EA		Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W) .....	3,808.53	
			Note: One copy is included with WEB-S-AX and WEBStation-AX.		
23 09 23 53-0243	EA		WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX) .....	6,851.18	
			Note: Includes license for 10 points of E <sup>2</sup> Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E <sup>2</sup> Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.		
23 09 23 53-0244	EA		Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E <sup>2</sup> Profiler Points (Honeywell WES-CP-AX) .....	824.27	
			Note: Can be combined with the required single instance of VES-BASE as well as with any combination of other EP points and CP meters.		
23 09 23 53-0245	EA		Perpetual License For One Point Of E <sup>2</sup> Profiler (Honeywell WES-E2-AX).....	519.35	
			Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.		
23 09 23 53-0246	EA		Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters .....	37,477.49	
			Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.		
23 09 23 53-0247	EA		Annual Maintenance For Enterprise WEBs-AX Energy Suite (Honeywell WES-M1-ENT-AX).....	34,170.51	
			Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.		
23 09 23 53-0248	EA		Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX) .....	13,034.74	
23 09 23 53-0249	EA		Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS).....	9,726.10	
23 09 23 53-0250	EA		Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500).....	2,811.69	
23 09 23 53-0251	EA		Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500) .....	2,811.69	
23 09 23 53-0252	EA		Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL).....	19,462.58	
			Note: Excludes Oracle.		
23 09 23 53-0253	EA		Open System Driver Option (Honeywell WS-SNMP-500).....	2,595.01	
			Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.		
23 09 23 53-0254	EA		Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500) .....	2,811.69	
23 09 23 53-0255	EA		WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003).....	7,352.96	
			Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.		
23 09 23 53-0256	EA		WEBStation Additional Node (Honeywell ZW2000B1002).....	2,811.69	
23 09 23 53-0257	EA		WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001).....	47,143.55	
23 09 23 53-0258	EA		WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000).....	86,500.77	
23 09 23 53-0259	EA		WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009) .....	151,376.02	
23 09 23 53-0260	EA		Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....	7,785.03	
23 09 23 53-0261	EA		Additional Master WEBStation Software Licenses (Honeywell ZW200G1007).....	3,892.52	
23 09 23 53-0262	EA		Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....	3,009.27	
23 09 23 53-0263	EA		Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055).....	3,332.20	
			Note: As with other WEBs, capacity is limited by the characteristics of the application including size and complexity.		

**23 09 23 53-0264 Initial Database Generation (23 09 23 53-0235)**

23 09 23 53-0265	PNT		Database Generation For Central Plant.....	77.90	
23 09 23 53-0266	PNT		Database Generation For Programmable Controller .....	77.90	
			Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 53-0267	EA		Database Generation For Application Specific Controller .....	77.90	
			Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 09 23	53-0268	EA	Replication Of Database Generation For Application Specific Controller ..... Note: Price per copy made.	54.22	
	23 09 23	53-0269	EA	Database Generation For Remote IO Modules, Sensors, Etcetera .....	54.22	
<b>23 09 23</b>	<b>53-0270</b>	<b>Application Software Programs</b> (23 09 23 53-0235)				
	23 09 23	53-0271	EA	Basic Application Program Package..... Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.	3,250.84	
	23 09 23	53-0272	EA	Optimum Start/Stop Program..... Note: Priced per controller requiring optimum start programming.	108.67	
	23 09 23	53-0273	EA	Duty Cycling Program.....	51.32	
	23 09 23	53-0274	EA	Hot Deck/Cold Deck Reset Application Program .....	5,584.82	
	23 09 23	53-0275	EA	Boiler Optimization Program .....	7,318.55	
	23 09 23	53-0276	EA	Chiller Optimization Program .....	9,913.72	
	23 09 23	53-0277	EA	Lighting Control Program.....	4,783.98	
	23 09 23	53-0278	EA	Demand Limiting Program .....	95.32	
	23 09 23	53-0279	EA	Email Alarm Server Configuration..... Note: Priced per controller requiring optimum start programming.	3,690.64	
<b>23 09 23</b>	<b>53-0280</b>	<b>Color Graphics Generation</b> (23 09 23 53-0235)				
				Note: Priced per page.		
	23 09 23	53-0281	EA	Single Site Home Page Graphics Page With HTML Navigation Code.....	1,947.96	
	23 09 23	53-0282	EA	Multi Site Home Page Graphics Page With HTML Navigation Code .....	3,458.53	
	23 09 23	53-0283	EA	Color Graphics Page For Central Plant .....	885.04	
	23 09 23	53-0284	EA	Color Graphics Page For Building Floor Plan .....	817.24	
	23 09 23	53-0285	EA	Replication Of Color Graphics Page For Central Plant.....	443.97	
	23 09 23	53-0286	EA	Color Graphics Page For Programmable Controller .....	995.69	
				Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
	23 09 23	53-0287	EA	Replication Of Color Graphics Page For Programmable Controller..... Note: Priced per copy made.	212.93	
	23 09 23	53-0288	EA	Color Graphics Page For Application Specific Controller..... Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.	920.92	
	23 09 23	53-0289	EA	Replication Of Color Graphics Page For Application Specific Cont..... Note: Priced per copy made.	92.07	
<b>23 09 23</b>	<b>53-0290</b>	<b>Sensors, Actuators And Control Devices</b> (23 09 23 53-0140)				
				Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.		
<b>23 09 23</b>	<b>53-0291</b>	<b>Special Sensors</b> (23 09 23 53-0290)				
	23 09 23	53-0292	EA	Dewpoint Sensor (Honeywell C7232B1014).....	2,269.14	71.87
	23 09 23	53-0293	EA	Enthalpy Sensor -25 To 125 F.....	2,369.40	71.87
	23 09 23	53-0294	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002) .....	1,023.78	143.74
	23 09 23	53-0295	EA	Freezestat (Honeywell L482A1004).....	693.62	239.52
	23 09 23	53-0296	EA	Wall Mounted Occupancy Sensor.....	511.10	71.87
	23 09 23	53-0297	EA	Ceiling Mounted Occupancy Sensor.....	400.57	71.87
	23 09 23	53-0298	EA	I/P Positioner With Gauge .....	472.67	71.87
	23 09 23	53-0299	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube .....	565.23	71.87
	23 09 23	53-0300	EA	EP Transducer.....	472.67	47.95
	23 09 23	53-0301	EA	Electric Heat Sequencer .....	744.60	95.78
<b>23 09 23</b>	<b>53-0302</b>	<b>Meters</b> (23 09 23 53-0290)				
	23 09 23	53-0303	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer .....	4,826.06	574.71
	23 09 23	53-0304	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface .....	6,971.09	670.49
	23 09 23	53-0305	EA	1 To 300 Amperes, Current Transformer For KW Meter.....	1,648.83	239.52
	23 09 23	53-0306	EA	300 To 800 Amperes, Current Transformer For KW Meter.....	1,907.15	239.52
	23 09 23	53-0307	EA	800 To 2,400 Amperes, Current Transformer For KW Meter.....	2,402.56	239.52
<b>23 09 23</b>	<b>53-0308</b>	<b>Direct Coupled Actuators</b> (23 09 23 53-0290)				
	23 09 23	53-0309	EA	44 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002) .....	656.09	96.17
	23 09 23	53-0310	EA	88 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	728.87	96.17
	23 09 23	53-0311	EA	175 IN-Lb., 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209) .....	854.00	96.17
	23 09 23	53-0312	EA	44 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	613.51	96.17
	23 09 23	53-0313	EA	88 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	691.77	96.17
	23 09 23	53-0314	EA	175 IN-Lb., 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	769.28	96.17
	23 09 23	53-0315	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator .....	696.05	96.17
	23 09 23	53-0316	EA	88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	807.65	96.17
	23 09 23	53-0317	EA	175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	928.11	96.17
	23 09 23	53-0318	EA	44 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209) .....	555.44	96.17

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0319	EA		88 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	614.87	96.17
23 09 23 53-0320	EA		175 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	734.25	96.17
23 09 23 53-0321	EA		175 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007) .....	790.45	96.17
23 09 23 53-0322	EA		300 IN-Lb., 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	789.75	96.17
23 09 23 53-0323	EA		300 IN-Lb., 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008) .....	943.85	96.17
23 09 23 53-0324	EA		Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	579.80	96.17
23 09 23 53-0325	EA		Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	1,033.51	96.17
23 09 23 53-0326	EA		Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator .....	430.67	96.17
23 09 23 53-0327	EA		Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	665.55	96.17
<b>23 09 23 53-0328</b>			<b>Thermostats</b> (23 09 23 53-0140)		
<b>23 09 23 53-0329</b>			<b>Electric And Electronic Thermostats</b> (23 09 23 53-0328) Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.		
23 09 23 53-0330	EA		Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018) .....	220.51	17.42
23 09 23 53-0331	EA		Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320) .....	238.95	17.42
23 09 23 53-0332	EA		Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110).....	218.46	17.42
23 09 23 53-0333	EA		Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220).....	246.54	17.42
23 09 23 53-0334	EA		Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320).....	267.64	17.42
23 09 23 53-0335	EA		Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321).....	402.88	17.42
23 09 23 53-0336	EA		Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	595.50	17.42
23 09 23 53-0337	EA		Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	976.36	17.42
23 09 23 53-0338	EA		Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M) .....	1,042.53	17.42
<b>23 09 23 53-0339</b>			<b>Pneumatic Thermostats</b> (23 09 23 53-0328) Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.		
23 09 23 53-0340	EA		Pneumatic Thermostat (Honeywell TP970B2182).....	316.18	17.42
<b>23 09 23 53-0341</b>			<b>Thermostats Guards</b> (23 09 23 53-0328)		
23 09 23 53-0342	EA		9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	74.69	17.42
23 09 23 53-0343	EA		7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511).....	90.05	17.42
23 09 23 53-0344	EA		5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	84.52	17.42
<b>23 09 23 53-0345</b>			<b>Johnson Controls</b> (23 09 23 53)		
<b>23 09 23 53-0346</b>			<b>Software</b> (23 09 23 53-0345) Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0347	EA		5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	20,803.01	
23 09 23 53-0348	EA		10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	24,611.75	
23 09 23 53-0349	EA		N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	1,167.28	
23 09 23 53-0350	EA		N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	1,794.97	
23 09 23 53-0351	EA		BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	3,218.89	
23 09 23 53-0352	EA		BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	1,177.91	
23 09 23 53-0353	EA		New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0) .....	1,170.75	
23 09 23 53-0354	EA		Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6) .....	394.34	
<b>23 09 23 53-0355</b>			<b>Supervisory Controllers</b> (23 09 23 53-0345)		
23 09 23 53-0356	EA		NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	8,628.64	464.40
23 09 23 53-0357	EA		NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	13,651.71	464.40
23 09 23 53-0358	EA		NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	18,685.92	464.40
23 09 23 53-0359	EA		NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	6,693.77	464.40
<b>23 09 23 53-0360</b>			<b>Controllers</b> (23 09 23 53-0345)		
23 09 23 53-0361	EA		10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	998.18	116.11
23 09 23 53-0362	EA		10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0) .....	1,333.11	232.20



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0363 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2810-0).....	1,697.47	232.20
23 09 23 53-0364 EA 17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	2,032.40	232.20
23 09 23 53-0365 EA BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	806.03	116.11
23 09 23 53-0366 EA BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	891.43	116.11
23 09 23 53-0367 EA BACnet MS/TP 12 Point I/O Module with 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	1,019.54	116.11
23 09 23 53-0368 EA 17 Point I/O Module with 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	1,036.61	116.11
23 09 23 53-0369 EA BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	2,119.54	232.20
23 09 23 53-0370 EA 32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0).....	1,013.72	116.11
23 09 23 53-0371 EA 32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0).....	1,500.78	116.11
Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications		
<b>23 09 23 53-0372 Master FX Controllers (23 09 23 53-0345)</b>		
23 09 23 53-0373 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	2,707.09	232.20
23 09 23 53-0374 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	2,909.48	232.20
23 09 23 53-0375 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	3,010.05	232.20
23 09 23 53-0376 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	2,948.93	232.20
23 09 23 53-0377 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	2,853.41	232.20
23 09 23 53-0378 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	2,868.72	232.20
23 09 23 53-0379 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	2,853.41	232.20
23 09 23 53-0380 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	2,909.70	232.20
23 09 23 53-0381 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	3,084.49	232.20
23 09 23 53-0382 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	3,201.01	232.20
23 09 23 53-0383 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	3,142.74	232.20
23 09 23 53-0384 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C).....	3,023.48	232.20
23 09 23 53-0385 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C).....	2,909.70	232.20
23 09 23 53-0386 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C).....	3,084.49	232.20
23 09 23 53-0387 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C).....	3,201.01	232.20
23 09 23 53-0388 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C).....	3,142.74	232.20
23 09 23 53-0389 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C).....	3,023.48	232.20
23 09 23 53-0390 EA N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C).....	322.55	58.05
23 09 23 53-0391 EA LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C).....	465.94	58.05
23 09 23 53-0392 EA RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C).....	362.80	58.05
23 09 23 53-0393 EA BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C).....	322.55	58.05
23 09 23 53-0394 EA Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C).....	896.69	58.05
23 09 23 53-0395 EA Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C).....	822.93	58.05
23 09 23 53-0396 EA 5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C).....	840.20	58.05
23 09 23 53-0397 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C).....	840.20	58.05
23 09 23 53-0398 EA 5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C).....	926.47	58.05
23 09 23 53-0399 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C).....	926.47	58.05
23 09 23 53-0400 EA 6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C).....	1,174.48	58.05
23 09 23 53-0401 EA 6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C).....	1,174.48	58.05
23 09 23 53-0402 EA 6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C).....	1,314.67	58.05
23 09 23 53-0403 EA 6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C).....	1,314.67	58.05
<b>23 09 23 53-0404 VAV, Network And Special Sensors (23 09 23 53-0345)</b>		
23 09 23 53-0405 EA 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0).....	625.13	37.15
23 09 23 53-0406 EA 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0).....	201.62	37.15



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0407	EA		3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0).....	481.25	37.15
23 09 23 53-0408	EA		3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0).....	725.46	37.15
23 09 23 53-0409	EA		3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0).....	233.33	37.15
23 09 23 53-0410	EA		3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0).....	656.61	37.15
<b>23 09 23 53-0411</b>			<b>Sensors - Hard Wired Type</b> (23 09 23 53-0445)		
23 09 23 53-0412	EA		Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00).....	186.32	66.88
23 09 23 53-0413	EA		Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0).....	165.36	37.15
23 09 23 53-0414	EA		BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2)..... Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.	484.06	17.42
23 09 23 53-0415	EA		BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2)..... Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.	659.34	17.42
23 09 23 53-0416	EA		BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627/VVT-2)..... Note: For VVT systems.	485.02	17.42
23 09 23 53-0417	EA		BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2).....	640.96	37.15
23 09 23 53-0418	EA		BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR).....	792.66	37.15
<b>23 09 23 53-0419</b>			<b>Siemens Controls</b> (23 09 23 53)		
23 09 23 53-0420	EA		Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083).....	466.32	17.42
23 09 23 53-0421	EA		Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085).....	325.91	17.42
23 09 23 53-0422	EA		SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575).....	324.54	78.43
23 09 23 53-0423	EA		-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591).....	504.11	78.43
23 09 23 53-0424	EA		Spring Clip Mounting Kit For Thermostat (Siemens 182-685).....	79.41	11.61
23 09 23 53-0425	EA		Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001).....	264.79	116.11
23 09 23 53-0426	EA		3/4" Two Way, Normally Closed, 6.3 Cv, Fx, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012).....	434.19	20.05
23 09 23 53-0427	EA		1" Three Way, 10 Cv, Fx, Stainless Steel Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079).....	765.52	36.39
23 09 23 53-0428	EA		1" Three Way, 10 Cv, Fx, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203).....	1,552.88	36.39
23 09 23 53-0429	EA		1-1/4" Two Way, 16 Cv, Fx, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006).....	1,308.54	46.10
23 09 23 53-0430	EA		36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36).....	328.35	66.88
23 09 23 53-0431	EA		-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768).....	281.42	37.15
23 09 23 53-0432	EA		Unit Conditioner Controller With Secure Mode (Siemens 540-110C).....	621.35	54.80
23 09 23 53-0433	EA		9-Pin, Female To RJ-11 Cable (Siemens 540-143).....	113.42	5.80
23 09 23 53-0434	EA		Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800).....	998.46	111.46
23 09 23 53-0435	EA		MMI Extension Cable (Siemens 545-712).....	181.45	5.80
23 09 23 53-0436	EA		Remote Pressure Transmitter (Siemens 547-003).....	1,521.37	37.15
23 09 23 53-0437	EA		Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400).....	926.17	27.86
23 09 23 53-0438	EA		BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433).....	795.36	74.31
23 09 23 53-0439	EA		Door Lock And Key Assembly (Siemens 567-225).....	42.48	23.22
23 09 23 53-0440	EA		Insight Advanced Software Package (Siemens 571-010-381-USB)..... Note: Includes one user license and one sentinel key.	15,497.85	
23 09 23 53-0441	EA		BACnet Client Option For Insight Advanced Software Package (Siemens 571-188).....	513.18	
23 09 23 53-0442	EA		Soft Controller Option For Insight Advanced Software Package (Siemens 571-620).....	3,383.51	
23 09 23 53-0443	EA		1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059).....	509.75	12.10
23 09 23 53-0444	EA		2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03062).....	1,075.72	20.97
23 09 23 53-0445	EA		Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C).....	10,189.02	46.44
23 09 23 53-0446	EA		SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F).....	12,006.83	46.44
23 09 23 53-0447	EA		7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U).....	183.26	17.42
23 09 23 53-0448	EA		Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxillary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U).....	454.22	46.63
23 09 23 53-0449	EA		Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U).....	485.74	46.63
23 09 23 53-0450	EA		License To Enable 4 TX-I/O Modules On The Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A).....	4,512.22	
23 09 23 53-0451	EA		License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN).....	911.13	
23 09 23 53-0452	EA		License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A).....	2,932.41	
23 09 23 53-0453	EA		License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB).....	2,099.20	
23 09 23 53-0454	EA		License To Enable 4 TX-I/O Modules On The Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A).....	1,804.58	
23 09 23 53-0455	EA		License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP).....	5,335.13	
23 09 23 53-0456	EA		16-Switch HOA Upgrade Kit (Siemens PXA16-M).....	846.35	2.32
23 09 23 53-0457	EA		16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR).....	944.80	9.29
23 09 23 53-0458	EA		8-Switch HOA Upgrade Kit (Siemens PXA8-M).....	477.70	2.32
23 09 23 53-0459	EA		18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18).....	457.92	65.02
23 09 23 53-0460	EA		19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19).....	811.75	65.02



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0461 EA 34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34).....	1,143.39	74.31
23 09 23 53-0462 EA Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5).....	40.27	11.61
23 09 23 53-0463 EA 115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA).....	830.91	29.03
23 09 23 53-0464 EA 115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA).....	1,337.25	29.03
23 09 23 53-0465 EA 230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA).....	1,017.46	29.03
23 09 23 53-0466 EA 230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA).....	1,550.47	29.03
23 09 23 53-0467 EA PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A).....	4,542.63	58.05
23 09 23 53-0468 EA PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A).....	5,879.27	58.05
23 09 23 53-0469 EA Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A).....	6,699.90	58.05
23 09 23 53-0470 EA 16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A).....	1,833.85	58.05
23 09 23 53-0471 EA 16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A).....	2,195.31	58.05
23 09 23 53-0472 EA 16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A).....	1,955.81	58.05
23 09 23 53-0473 EA 24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A).....	2,679.93	58.05
23 09 23 53-0474 EA 24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A).....	2,929.51	58.05
23 09 23 53-0475 EA 24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A).....	2,867.59	58.05
23 09 23 53-0476 EA 24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A).....	3,091.22	58.05
23 09 23 53-0477 EA 24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A).....	2,861.95	58.05
23 09 23 53-0478 EA 24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A).....	3,089.69	58.05
23 09 23 53-0479 EA 36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A).....	3,986.21	58.05
23 09 23 53-0480 EA 36 Point, BACnet/IP Or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A).....	7,966.86	58.05
23 09 23 53-0481 EA License To Enable The Island Bus On PXC00-E96.A And PXC00-PE96.A (Siemens PXF-TXIO.A).....	1,353.70	
23 09 23 53-0482 EA Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S).....	533.11	29.03
23 09 23 53-0483 EA Controller Mounted Operator Display Module (Siemens PXM10T).....	386.94	29.03
23 09 23 53-0484 EA Provides FLN Support For The PXC Modular (Siemens PXX-485.3).....	883.17	23.22
Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported		
23 09 23 53-0485 EA Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN).....	297.60	29.03
23 09 23 53-0486 EA Digital Temperature Room Unit For TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC).....	286.80	37.15
23 09 23 53-0487 EA 4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010).....	141.67	29.03
23 09 23 53-0488 EA 8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020).....	104.29	29.03
23 09 23 53-0489 EA 24" Flexible Averaging Probe (Siemens QAM2012.750).....	312.88	58.05
23 09 23 53-0490 EA 2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200).....	198.82	43.53
23 09 23 53-0491 EA 10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X).....	3,577.25	374.08
23 09 23 53-0492 EA Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12).....	36.45	11.61
23 09 23 53-0493 EA Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100).....	0.89	
23 09 23 53-0494 EA 16 Digital Input Module (Siemens TXM1.16D).....	668.10	11.61
23 09 23 53-0495 EA 6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M).....	1,012.98	11.61
23 09 23 53-0496 EA 8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML).....	1,628.43	23.22
23 09 23 53-0497 EA 1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4).....	497.05	6.97
<b>23 09 23 53-0498 Trane Controls (23 09 23 53)</b>		
<b>23 09 23 53-0499 Software (23 09 23 53-0498)</b>		
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0500 EA Summit + Building Management Package (Trane 40201152).....	7,678.30	
23 09 23 53-0501 EA Summit Current Version Software (Trane 40201111).....	4,320.71	
23 09 23 53-0502 EA Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113).....	1,052.42	
23 09 23 53-0503 EA Rover Service Software And Hardware, Complete Kit (Trane X1365150001).....	4,294.42	
23 09 23 53-0504 EA Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000).....	11,931.20	
<b>23 09 23 53-0505 EMCS Central Equipment And Controllers (23 09 23 53-0498)</b>		
23 09 23 53-0506 EA Summit BTMX Operator Display Upgrade (Trane 40201224).....	6,303.42	464.40
23 09 23 53-0507 EA Summit BTMX Retrofit Kit For BMTS And BMW BCU (Trane 49500531).....	14,844.74	464.40
23 09 23 53-0508 EA Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532).....	14,844.74	464.40
23 09 23 53-0509 EA Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00).....	12,990.12	464.40
23 09 23 53-0510 EA Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10).....	15,146.47	464.40
23 09 23 53-0511 EA Summit CCP Upgrade ROM Kit (Trane 40201095).....	223.47	29.03
23 09 23 53-0512 EA Summit Comm5 Repeater (Trane 49500457).....	1,720.26	232.20
23 09 23 53-0513 EA AHU Controller MP580/581 E Board Only (Trane 40201157).....	2,969.05	290.25
23 09 23 53-0514 EA AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01).....	3,820.27	348.31
23 09 23 53-0515 EA AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00).....	2,963.27	348.31
23 09 23 53-0516 EA AHU Controller MP581 Operator Door Display (Trane 40201156).....	2,479.76	348.31
23 09 23 53-0517 EA AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491).....	2,477.05	348.31
23 09 23 53-0518 EA Controller MP503 I/O Module With Metal Enclosure (Trane 49500590).....	1,135.76	116.11
23 09 23 53-0519 EA Controller MP503 I/O Module With Plastic Cover (Trane 49500490).....	1,029.23	116.11
23 09 23 53-0520 EA Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500).....	1,845.51	232.20
23 09 23 53-0521 EA Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499).....	1,757.17	232.20
23 09 23 53-0522 EA 2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569).....	990.21	116.11
23 09 23 53-0523 EA 2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469).....	861.94	116.11
23 09 23 53-0524 EA 4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596).....	1,305.85	116.11
23 09 23 53-0525 EA 4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496).....	1,178.28	116.11
23 09 23 53-0526 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049).....	1,001.63	116.11
23 09 23 53-0527 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496).....	952.63	116.11



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 09 23 53-0528	EA		Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570).....	1,103.07	116.11
23 09 23 53-0529	EA		Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470).....	1,001.63	116.11
23 09 23 53-0530	EA		DDC VAV Retrofit Kit (Trane VRTODD01).....	1,362.81	232.20
23 09 23 53-0531	EA		DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO).....	1,488.97	232.20

**23 09 23 53-0532 Network, VAV And Special Sensors** (23 09 23 53-0498)

23 09 23 53-0533	EA		Digital Display Zone Sensor (Trane X13790464010).....	238.23	37.15
23 09 23 53-0534	EA		Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010).....	155.60	37.15
23 09 23 53-0535	EA		Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010).....	141.66	37.15
23 09 23 53-0536	EA		Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01).....	294.64	41.80
23 09 23 53-0537	EA		Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121).....	174.65	37.15
23 09 23 53-0538	EA		Zone Sensor LCD O/C Setpoint (Trane 41901120).....	174.65	37.15
23 09 23 53-0539	EA		Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010).....	626.14	66.88
23 09 23 53-0540	EA		Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010).....	579.70	37.15
23 09 23 53-0541	EA		Transformer 120/24 40 VA (Trane X13550284010).....	134.69	37.15
23 09 23 53-0542	EA		Transformer 24 Volt AC Wall Plug-In (Trane 35803005).....	129.72	37.15
23 09 23 53-0543	EA		Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022).....	121.75	37.15
23 09 23 53-0544	EA		Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010).....	1,540.60	232.20
23 09 23 53-0545	EA		Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010).....	1,472.54	232.20
23 09 23 53-0546	EA		Controller UC400 XM32 Module (4 Relay) (Trane X13651563010).....	1,330.52	232.20
23 09 23 53-0547	EA		Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010).....	2,400.89	348.31
23 09 23 53-0548	EA		Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010).....	1,330.52	232.20
23 09 23 53-0549	EA		Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011).....	1,402.56	232.20
23 09 23 53-0550	EA		Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011).....	1,408.17	232.20
23 09 23 53-0551	EA		Controller Optional Metal Enclosure, UC210 (Trane 501898).....	497.08	231.22
23 09 23 53-0552	EA		Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801).....	736.85	231.22
23 09 23 53-0553	EA		Controller Tracer UC600 Controller (Trane BMUC600AAA0100011).....	2,702.54	348.31
23 09 23 53-0554	EA		Controller UC600 Tracer TD7 Display (Trane X13651571010).....	2,593.03	348.31
23 09 23 53-0555	EA		Controller UC600 TD7 Mounting Bracket (Trane X05010511010).....	159.58	46.27
23 09 23 53-0556	EA		Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010).....	592.13	46.27
23 09 23 53-0557	EA		SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010).....	2,770.24	348.31
23 09 23 53-0558	EA		BACnet Term (2 Pack) (Trane X1365152401).....	251.65	83.24
23 09 23 53-0559	EA		Tracer ES Add License (Trane X40250125010).....	3,305.16	
23 09 23 53-0560	EA		Kit - Tracer TU For Controls (Trane X4509151201).....	5,146.93	464.40
23 09 23 53-0561	EA		Kit - Tracer TU Complete (Trane X4509151301).....	6,815.47	464.40
23 09 23 53-0562	EA		Tracer TU Adapter Wired/Wireless (Trane X13651529010).....	673.76	83.24
23 09 23 53-0563	EA		Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010).....	380.07	83.24
23 09 23 53-0564	EA		Sensor Wireless Display Sensor (Trane X13790822010).....	431.84	83.24
23 09 23 53-0565	EA		Sensor Wireless Receiver, 100mW (Trane X13790854010).....	385.05	83.24
23 09 23 53-0566	EA		Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010).....	528.27	83.24
23 09 23 53-0567	EA		Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010).....	577.04	83.24

**23 09 23 53-0568 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators** (23 09 23 53)**23 09 23 53-0569 Current Switches And Current Sensors** (23 09 23 53-0568)

23 09 23 53-0570	EA		Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203).....	144.65	37.15
23 09 23 53-0571	EA		Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205).....	150.62	37.15
23 09 23 53-0572	EA		0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L).....	238.23	37.15
23 09 23 53-0573	EA		0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24).....	136.68	37.15
23 09 23 53-0574	EA		0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA).....	441.32	37.15
23 09 23 53-0575	EA		0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC).....	277.79	37.15
23 09 23 53-0576	EA		1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709).....	209.54	37.15
23 09 23 53-0577	EA		0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721).....	209.54	37.15
23 09 23 53-0578	EA		Energy Meter H8163 Series, With BACnet Output (Veris H8166-CB-BAC).....	5,843.16	185.77
23 09 23 53-0579	EA		100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2).....	1,488.04	37.15
			Note: 3 phase networked transducer.		
23 09 23 53-0580	EA		2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3).....	2,267.16	37.15
23 09 23 53-0581	EA		Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV).....	225.57	37.15
23 09 23 53-0582	EA		Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800).....	325.05	98.69
23 09 23 53-0583	EA		Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900).....	325.52	98.69
23 09 23 53-0584	EA		Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708).....	349.42	98.69
23 09 23 53-0585	EA		Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908).....	355.39	98.69
23 09 23 53-0586	EA		Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904).....	389.24	98.69
23 09 23 53-0587	EA		Toggle Switch.....	131.25	46.44
23 09 23 53-0588	EA		Maintained Pushbutton Switch.....	141.00	46.44
23 09 23 53-0589	EA		Manual Time Switch.....	232.96	46.44
23 09 23 53-0590	EA		Emergency Stop Switch.....	397.41	46.44
23 09 23 53-0591	EA		Float Switch.....	370.69	46.44
23 09 23 53-0592	EA		Break Glass Switch.....	1,257.21	46.44
23 09 23 53-0593	EA		Boiler E-Stop Switch.....	745.70	46.44

**23 09 23 53-0594 Relays** (23 09 23 53-0568)

23 09 23 53-0595	EA		DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V).....	117.77	37.15
23 09 23 53-0596	EA		SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1).....	130.01	37.15
23 09 23 53-0597	EA		SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B).....	185.52	46.44
			Note: Box type.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 09 23	53-0598	EA	Motor Starter Interface, 300msec Pulse (Kele PIL-2) .....	239.86	37.15
	23 09 23	53-0599	EA	DP Relay Socket, DIN Rail Mounted (Kele SH2B-05) .....	108.89	37.15
	23 09 23	53-0600	EA	SP Relay Socket, DIN Rail Mounted (Kele SH1B-05) .....	107.10	37.15
	23 09 23	53-0601	EA	SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V) .....	117.77	37.15
	23 09 23	53-0602	EA	DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V) .....	123.36	37.15
	23 09 23	53-0603	EA	SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V) .....	124.90	37.15
	23 09 23	53-0604	EA	SPDT Pilot Relay, Universal (Kele RIBU1C) .....	133.93	46.44
				Note: Box type.		
	23 09 23	53-0605	EA	SPST Pilot Relay With HOA Switch (Kele RIBU1S) .....	183.91	46.44
				Note: Box type.		
	23 09 23	53-0606	EA	SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400) .....	338.04	46.44
	23 09 23	53-0607	EA	SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450) .....	335.83	46.44
<b>23 09 23</b>	<b>53-0608</b>			<b>Transformers (23 09 23 53-0568)</b>		
	23 09 23	53-0609	EA	50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA) .....	143.33	37.15
	23 09 23	53-0610	EA	75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB) .....	157.23	37.15
	23 09 23	53-0611	EA	75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA) .....	157.23	37.15
	23 09 23	53-0612	EA	100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB) .....	169.82	37.15
	23 09 23	53-0613	EA	100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA) .....	177.56	37.15
<b>23 09 23</b>	<b>53-0614</b>			<b>Power Supplies (23 09 23 53-0568)</b>		
	23 09 23	53-0615	EA	Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA) .....	221.52	37.15
	23 09 23	53-0616	EA	AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2) .....	260.09	37.15
	23 09 23	53-0617	EA	DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524) .....	242.71	37.15
	23 09 23	53-0618	EA	DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D) .....	250.93	37.15
	23 09 23	53-0619	EA	DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H) .....	243.61	37.15
	23 09 23	53-0620	EA	DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P) .....	255.87	37.15
	23 09 23	53-0621	EA	DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C) .....	188.37	37.15
<b>23 09 43</b>				<b>Pneumatic Control System For HVAC (23 09)</b>		
	23 09 43	00-0001	Pneumatic Tubing For HVAC Instrumentation and Control Devices (23 09 43)			
	23 09 43	00-0002	Polyurethane Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0003	LF	1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing .....	2.47	0.95
	23 09 43	00-0004	LF	5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	3.16	0.98
	23 09 43	00-0005	LF	3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	4.17	1.01
	23 09 43	00-0006	LF	1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing .....	5.33	1.04
	23 09 43	00-0007	Fire Resistant Polyethylene Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0008	LF	1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	2.20	0.95
	23 09 43	00-0009	LF	5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	2.36	0.98
	23 09 43	00-0010	LF	3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	2.72	1.01
	23 09 43	00-0011	LF	1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing .....	3.42	1.04
	23 09 43	00-0012	Nylon Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0013	LF	1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing .....	2.62	0.92
	23 09 43	00-0014	LF	1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing .....	3.51	0.95
	23 09 43	00-0015	LF	3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing .....	5.36	1.01
	23 09 43	00-0016	LF	1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing .....	6.91	1.04
	23 09 43	00-0017	Flexible Vinyl Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0018	LF	1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	2.56	0.95
	23 09 43	00-0019	LF	3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	4.21	1.01
	23 09 43	00-0020	LF	1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	5.10	1.04
	23 09 43	00-0021	LF	5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	6.23	1.07
	23 09 43	00-0022	LF	3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	7.06	1.10
	23 09 43	00-0023	LF	1" Outside Diameter Flexible Vinyl Pneumatic Tubing .....	9.73	1.12
	23 09 43	00-0024	Braided Vinyl Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0025	LF	5/8" Outside Diameter Braided Vinyl Pneumatic Tubing .....	3.49	1.07
	23 09 43	00-0026	LF	3/4" Outside Diameter Braided Vinyl Pneumatic Tubing .....	4.08	1.10
	23 09 43	00-0027	LF	1" Outside Diameter Braided Vinyl Pneumatic Tubing .....	5.14	1.12
	23 09 43	00-0028	Copper Pneumatic Tubing (23 09 43 00-0001)			
	23 09 43	00-0029	LF	1/4" Outside Diameter Copper Pneumatic Tubing .....	5.28	2.05
	23 09 43	00-0030	LF	3/8" Outside Diameter Copper Pneumatic Tubing .....	6.44	2.36
	23 09 43	00-0031	LF	1/2" Outside Diameter Copper Pneumatic Tubing .....	7.47	2.72
	23 09 43	00-0032	LF	5/8" Outside Diameter Copper Pneumatic Tubing .....	9.23	3.13
	23 09 43	00-0033	LF	3/4" Outside Diameter Copper Pneumatic Tubing .....	10.51	3.60

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 09 Instrumentation and Control for HVAC****23 09 43 Pneumatic Control System For HVAC**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 09 43 00-0034		<b>Brass Couplings</b> <small>(23 09 43 00-0001)</small> See CSI section 22 11 16 00-0383 for copper tubing.		
23 09 43 00-0035		<b>Straight Brass Couplings</b> <small>(23 09 43 00-0034)</small> Note: Barb x Barb		
23 09 43 00-0036	EA	1/4" x 1/4" Straight Brass Coupling .....	11.17	5.18
23 09 43 00-0037	EA	3/8" x 1/4" Straight Brass Coupling .....	11.31	5.18
23 09 43 00-0038	EA	3/8" x 3/8" Straight Brass Coupling .....	11.44	5.18
23 09 43 00-0039		<b>Elbow Brass Couplings</b> <small>(23 09 43 00-0034)</small> Note: Barb x Barb		
23 09 43 00-0040	EA	1/4" x 1/4" Elbow Brass Coupling .....	11.92	5.18
23 09 43 00-0041	EA	3/8" x 3/8" Elbow Brass Coupling .....	12.37	5.18
23 09 43 00-0042		<b>Tee Brass Couplings</b> <small>(23 09 43 00-0034)</small> Note: Barb x Barb		
23 09 43 00-0043	EA	1/4" x 1/4" x 1/4" Tee Brass Coupling .....	18.18	8.06
23 09 43 00-0044	EA	3/8" x 3/8" x 1/4" Tee Brass Coupling .....	20.95	8.63
23 09 43 00-0045	EA	3/8" x 3/8" x 3/8" Tee Brass Coupling .....	20.47	8.63

**23 10 Facility Fuel Systems** (23)**23 11 Facility Fuel Piping** (23 10)**23 11 23 Facility Natural-Gas Piping** (23 11)

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		<b>Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping</b> <small>(23 11 23)</small>		
23 11 23 00-0002		<b>Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0001)</small> Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.		
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	6.28	2.02
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	6.91	2.19
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	8.29	2.37
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	10.48	2.50
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	12.37	2.63
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	18.87	2.73
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	25.60	2.91
23 11 23 00-0010		<b>Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0001)</small>		
23 11 23 00-0011		<b>Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	29.94	
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	29.94	
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	32.09	
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	32.09	
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.65	
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	53.34	
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	53.34	
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	90.93	
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	166.82	
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	270.44	
23 11 23 00-0022		<b>Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	28.98	
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	32.09	
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	32.09	
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	38.65	
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	38.65	
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	50.98	
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	50.98	
23 11 23 00-0030		<b>Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0031 EA 3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	39.22	
23 11 23 00-0032 EA 1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	51.84	
<b>23 11 23 00-0033 Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0034 EA 3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	40.39	
23 11 23 00-0035 EA 1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	44.82	
23 11 23 00-0036 EA 3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	56.36	
23 11 23 00-0037 EA 1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	80.96	
23 11 23 00-0038 EA 1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	151.99	
23 11 23 00-0039 EA 1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	297.15	
23 11 23 00-0040 EA 2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	493.77	
<b>23 11 23 00-0041 Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0042 EA 1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	55.79	
23 11 23 00-0043 EA 3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	90.19	
23 11 23 00-0044 EA 1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	143.27	
23 11 23 00-0045 EA 1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	247.03	
23 11 23 00-0046 EA 1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	265.63	
23 11 23 00-0047 EA 2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	305.09	
<b>23 11 23 00-0048 Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0049 EA 3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	36.21	
23 11 23 00-0050 EA 1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	37.41	
23 11 23 00-0051 EA 3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	40.71	
23 11 23 00-0052 EA 1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	54.91	
23 11 23 00-0053 EA 1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	55.72	
<b>23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0055 EA 3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	39.95	
23 11 23 00-0056 EA 1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	41.00	
23 11 23 00-0057 EA 3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	48.33	
23 11 23 00-0058 EA 1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	57.04	
23 11 23 00-0059 EA 1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	57.04	
<b>23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0061 EA 3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	61.98	
23 11 23 00-0062 EA 1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	63.55	
23 11 23 00-0063 EA 3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	66.70	
23 11 23 00-0064 EA 1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	106.96	
23 11 23 00-0065 EA 1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	111.08	
23 11 23 00-0066 EA 1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	160.95	
23 11 23 00-0067 EA 2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	200.57	
<b>23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0069 EA 3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	65.61	
23 11 23 00-0070 EA 1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	67.12	
23 11 23 00-0071 EA 3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	74.18	
23 11 23 00-0072 EA 1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	135.55	
23 11 23 00-0073 EA 1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	139.90	
23 11 23 00-0074 EA 1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	193.09	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 11 23 00-0075	EA	2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	244.10	
<b>23 11 23 00-0076</b>		<b>Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0077	EA	1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	38.26	
23 11 23 00-0078	EA	3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	41.33	
23 11 23 00-0079	EA	1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	63.13	
23 11 23 00-0080	EA	1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	97.54	
23 11 23 00-0081	EA	1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	190.14	
23 11 23 00-0082	EA	2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	303.14	
<b>23 11 23 00-0083</b>		<b>Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
		Note: Includes mounting plate.		
23 11 23 00-0084	EA	1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	32.99	
23 11 23 00-0085	EA	3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	35.98	
23 11 23 00-0086	EA	1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	33.03	
23 11 23 00-0087	EA	1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	33.14	
23 11 23 00-0088	EA	3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	34.53	
23 11 23 00-0089	EA	1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	41.14	
23 11 23 00-0090	EA	1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	49.61	
<b>23 11 23 00-0091</b>		<b>Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
		Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	93.43	21.19
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	105.70	22.25
<b>23 11 23 00-0094</b>		<b>Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	66.72	18.55
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	77.58	22.04
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	95.26	26.49
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	118.96	35.39
<b>23 11 23 00-0099</b>		<b>Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	82.01	22.04
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	92.94	26.49
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	87.99	22.04
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	96.82	26.49
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	183.17	66.22
<b>23 11 23 00-0105</b>		<b>Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe</b> <small>(23 11 23 00-0010)</small>		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	86.84	22.04
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	86.84	22.04
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	122.62	22.04
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	131.45	26.49
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	131.45	26.49
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	149.10	35.39
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe .....	224.22	39.73
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	116.29	22.04
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	293.46	26.49
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	715.94	39.73
<b>23 11 23 00-0116</b>		<b>Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft)</b> <small>(23 11 23)</small>		
<b>23 11 23 00-0117</b>		<b>3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12).....	45.73	15.90
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18).....	50.14	16.95





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0120 EA 24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24).....	54.38	16.95
23 11 23 00-0121 EA 30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30).....	57.05	18.01
23 11 23 00-0122 EA 36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36).....	60.45	18.01
23 11 23 00-0123 EA 48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48).....	68.06	19.07
23 11 23 00-0124 EA 60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60).....	74.97	19.07
23 11 23 00-0125 EA 72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72).....	81.81	20.13
<b>23 11 23 00-0126 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)<sup>(23 11 23 00-0116)</sup></b>		
23 11 23 00-0127 EA 12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12).....	45.73	15.90
23 11 23 00-0128 EA 18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18).....	50.14	16.95
23 11 23 00-0129 EA 24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24).....	54.38	16.95
23 11 23 00-0130 EA 30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30).....	57.05	18.01
23 11 23 00-0131 EA 36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36).....	60.45	18.01
23 11 23 00-0132 EA 48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48).....	68.06	19.07
23 11 23 00-0133 EA 60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60).....	74.97	19.07
23 11 23 00-0134 EA 72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72).....	81.81	20.13
<b>23 11 23 00-0135 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)<sup>(23 11 23 00-0116)</sup></b>		
23 11 23 00-0136 EA 12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12).....	45.73	15.90
23 11 23 00-0137 EA 18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18).....	50.14	16.95
23 11 23 00-0138 EA 24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24).....	54.38	16.95
23 11 23 00-0139 EA 30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30).....	57.05	18.01
23 11 23 00-0140 EA 36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36).....	60.45	18.01
23 11 23 00-0141 EA 48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48).....	68.06	19.07
23 11 23 00-0142 EA 60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60).....	74.97	19.07
23 11 23 00-0143 EA 72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72).....	81.81	20.13
<b>23 11 23 00-0144 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)<sup>(23 11 23 00-0116)</sup></b>		
23 11 23 00-0145 EA 12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12).....	45.73	15.90
23 11 23 00-0146 EA 18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18).....	50.14	16.95
23 11 23 00-0147 EA 24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24).....	64.97	16.95
23 11 23 00-0148 EA 30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30).....	57.05	18.01
23 11 23 00-0149 EA 36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36).....	60.45	18.01
23 11 23 00-0150 EA 48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48).....	68.06	19.07
23 11 23 00-0151 EA 60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60).....	74.97	19.07
23 11 23 00-0152 EA 72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72).....	81.81	20.13
<b>23 11 23 00-0153 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)<sup>(23 11 23 00-0116)</sup></b>		
23 11 23 00-0154 EA 12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12).....	49.81	15.90
23 11 23 00-0155 EA 18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18).....	55.21	16.95
23 11 23 00-0156 EA 24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24).....	54.38	16.95



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0157	EA	30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30).....	63.52	18.01
23 11 23 00-0158	EA	36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36).....	60.45	18.01
23 11 23 00-0159	EA	48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48).....	68.06	19.07
23 11 23 00-0160	EA	60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60).....	74.97	19.07
23 11 23 00-0161	EA	72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72).....	81.81	20.13
<b>23 11 23 00-0162</b>		<b>3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0163	EA	12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12).....	45.73	15.90
23 11 23 00-0164	EA	24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24).....	60.38	16.95
23 11 23 00-0165	EA	30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30).....	57.05	18.01
23 11 23 00-0166	EA	36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36).....	60.45	18.01
23 11 23 00-0167	EA	48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48).....	68.06	19.07
23 11 23 00-0168	EA	60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60).....	85.77	19.07
23 11 23 00-0169	EA	72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72).....	81.81	20.13
<b>23 11 23 00-0170</b>		<b>3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12).....	45.73	15.90
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18).....	50.14	16.95
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24).....	54.38	16.95
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30).....	57.05	18.01
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36).....	60.45	18.01
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48).....	68.06	19.07
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60).....	74.97	19.07
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72).....	81.81	20.13
<b>23 11 23 00-0179</b>		<b>3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12).....	45.73	15.90
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18).....	50.14	16.95
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24).....	54.38	16.95
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30).....	57.05	18.01
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36).....	60.45	18.01
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48).....	68.06	19.07
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60).....	74.97	19.07
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72).....	81.81	20.13
<b>23 11 23 00-0188</b>		<b>3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18).....	55.21	16.95
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24).....	54.38	16.95
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30).....	63.52	18.01
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36).....	67.61	18.01
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48).....	77.15	19.07



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 11 23 00-0194		<b>1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12).....	45.73		15.90
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18).....	50.14		16.95
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24).....	50.14		16.95
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30).....	57.05		18.01
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36).....	55.38		18.01
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48).....	69.60		19.07
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60).....	74.97		19.07
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72).....	81.81		20.13
23 11 23 00-0203		<b>1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12).....	45.73		15.90
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18).....	46.68		16.95
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24).....	47.80		16.95
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30).....	57.05		18.01
23 11 23 00-0208	EA	36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36).....	60.45		18.01
23 11 23 00-0209	EA	48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48).....	61.44		19.07
23 11 23 00-0210	EA	60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60).....	74.97		19.07
23 11 23 00-0211	EA	72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72).....	81.81		20.13
23 11 23 00-0212		<b>1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0213	EA	12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12).....	45.73		15.90
23 11 23 00-0214	EA	18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18).....	50.14		16.95
23 11 23 00-0215	EA	24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24).....	54.38		16.95
23 11 23 00-0216	EA	30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30).....	57.05		18.01
23 11 23 00-0217	EA	36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36).....	51.85		18.01
23 11 23 00-0218	EA	48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48).....	68.06		19.07
23 11 23 00-0219	EA	60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60).....	74.97		19.07
23 11 23 00-0220	EA	72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72).....	81.81		20.13
23 11 23 00-0221		<b>3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0222	EA	12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12).....	60.27		15.90
23 11 23 00-0223	EA	18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18).....	64.66		16.95
23 11 23 00-0224	EA	24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24).....	68.89		16.95
23 11 23 00-0225	EA	30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30).....	71.55		18.01
23 11 23 00-0226	EA	36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36).....	75.08		18.01
23 11 23 00-0227	EA	48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48).....	82.24		19.07
23 11 23 00-0228	EA	60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60).....	89.74		19.07
23 11 23 00-0229	EA	72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72).....	96.59		20.13

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 11 23 00-0230		<b>3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0231	EA	12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12).....	70.87		21.19
23 11 23 00-0232	EA	18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18).....	75.26		22.25
23 11 23 00-0233	EA	24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24).....	79.48		22.25
23 11 23 00-0234	EA	30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30).....	82.14		23.31
23 11 23 00-0235	EA	36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36).....	85.67		23.31
23 11 23 00-0236	EA	48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48).....	92.84		24.37
23 11 23 00-0237	EA	60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60).....	100.34		24.37
23 11 23 00-0238	EA	72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72).....	107.19		25.43
23 11 23 00-0239		<b>3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0240	EA	12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	70.87		21.19
23 11 23 00-0241	EA	18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	75.26		22.25
23 11 23 00-0242	EA	24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	79.48		22.25
23 11 23 00-0243	EA	30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	82.14		23.31
23 11 23 00-0244	EA	36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	85.67		23.31
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	92.84		24.37
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	100.34		24.37
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72).....	107.19		25.43
23 11 23 00-0248		<b>3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	82.70		21.19
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	87.08		22.25
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	91.31		22.25
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	93.96		23.31
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	97.51		23.31
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	104.67		24.37
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	112.17		24.37
23 11 23 00-0256		<b>3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12).....	82.70		21.19
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18).....	87.08		22.25
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24).....	91.31		22.25
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36).....	97.51		23.31
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48).....	104.67		24.37
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60).....	112.17		24.37
23 11 23 00-0263		<b>1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft)</b> <small>(23 11 23 00-0116)</small>			
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12).....	82.70		21.19
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18).....	87.08		22.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0266 EA 24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24).....	91.31	22.25
23 11 23 00-0267 EA 30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30).....	93.96	23.31
23 11 23 00-0268 EA 36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36).....	97.51	23.31
23 11 23 00-0269 EA 48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48).....	104.67	24.37
23 11 23 00-0270 EA 60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60).....	112.17	24.37
23 11 23 00-0271 EA 72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72).....	119.02	25.43
<b>23 11 23 00-0272 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0273 EA 12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12).....	67.75	21.19
23 11 23 00-0274 EA 18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18).....	72.16	22.25
23 11 23 00-0275 EA 24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24).....	76.40	22.25
23 11 23 00-0276 EA 30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30).....	79.03	23.31
23 11 23 00-0277 EA 36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36).....	82.57	23.31
23 11 23 00-0278 EA 48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48).....	89.72	24.37
23 11 23 00-0279 EA 72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72).....	104.04	25.43
<b>23 11 23 00-0280 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)</b>		
23 11 23 00-0281 EA 18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18).....	80.57	22.25
23 11 23 00-0282 EA 24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24).....	85.74	22.25
<b>23 11 23 00-0283 Quarter-Turn, Gas Ball Valve (23 11 23)</b>		
23 11 23 00-0284 EA 3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102).....	41.98	11.28
23 11 23 00-0285 EA 1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103).....	42.21	11.51
23 11 23 00-0286 EA 3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104).....	60.62	12.66
23 11 23 00-0287 EA 3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112).....	41.62	11.28
23 11 23 00-0288 EA 1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113).....	43.91	11.51
23 11 23 00-0289 EA 1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118).....	48.91	11.51
23 11 23 00-0290 EA 5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121).....	53.22	12.08
23 11 23 00-0291 EA 5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114).....	55.77	12.08
23 11 23 00-0292 EA 5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115).....	55.77	12.08
23 11 23 00-0293 EA 3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312).....	43.52	11.28
23 11 23 00-0294 EA 1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313).....	45.81	11.51
23 11 23 00-0295 EA 5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314).....	57.12	12.08
23 11 23 00-0296 EA 1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413).....	46.06	11.51
23 11 23 00-0297 EA 3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414).....	62.06	12.66
23 11 23 00-0298 EA 3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119).....	43.43	11.28
23 11 23 00-0299 EA 3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612).....	41.37	11.28
23 11 23 00-0300 EA 1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613).....	42.20	11.51
23 11 23 00-0301 EA 3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614).....	57.87	12.66
23 11 23 00-0302 EA 1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615).....	78.31	14.38
23 11 23 00-0303 EA 1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616).....	111.85	14.95
23 11 23 00-0304 EA 1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617).....	132.81	17.26
23 11 23 00-0305 EA 2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618).....	163.77	20.71
23 11 23 00-0306 EA 1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713).....	43.30	11.51
23 11 23 00-0307 EA 3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714).....	57.54	12.66
<b>23 11 23 00-0308 Gas Stops (23 11 23)</b>		
<b>23 11 23 00-0309 Brass/Bronze Gas Stops (23 11 23 00-0308)</b>		
Note: Flat or square head		
23 11 23 00-0310 EA 3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	54.10	11.51
23 11 23 00-0311 EA 1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	53.98	11.51
23 11 23 00-0312 EA 3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	70.72	12.66
23 11 23 00-0313 EA 1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	100.42	14.38
23 11 23 00-0314 EA 1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	133.98	15.31
23 11 23 00-0315 EA 1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	169.63	17.72



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 11 23 00-0316	EA	2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	237.09		20.94
<b>23 11 23 00-0317</b>		<b>Iron Body Gas Stops</b> (23 11 23 00-0308)			
23 11 23 00-0318	EA	1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	74.06		11.51
23 11 23 00-0319	EA	3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	90.47		12.66
23 11 23 00-0320	EA	1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	112.33		14.38
23 11 23 00-0321	EA	1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	145.55		15.31
23 11 23 00-0322	EA	1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	184.17		17.72
23 11 23 00-0323	EA	2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	240.39		20.94
23 11 23 00-0324	EA	2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	472.62		28.29
23 11 23 00-0325	EA	3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	637.00		32.84
<b>23 11 23 00-0326</b>		<b>Bronze Body Solenoid Valves, 150 PSI Gas</b> (23 11 23)			
23 11 23 00-0327	EA	1/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	195.84		11.51
23 11 23 00-0328	EA	1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	228.54		11.51
23 11 23 00-0329	EA	3/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	290.74		12.66
23 11 23 00-0330	EA	1" Solenoid Valve, Bronze, 150 PSI, Gas.....	437.60		14.38
23 11 23 00-0331	EA	1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	784.58		17.72
23 11 23 00-0332	EA	2" Solenoid Valve, Bronze, 150 PSI, Gas.....	1,340.01		20.94
23 11 23 00-0333	EA	2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	1,658.94		28.29
23 11 23 00-0334	EA	3" Solenoid Valve, Bronze, 150 PSI, Gas.....	2,504.73		32.84
<b>23 11 26</b>		<b>Facility Liquefied-Petroleum Gas Piping</b> (23 11)			
<b>23 11 26 00-0001</b>		<b>Fiberglass Reinforced Plastic Pipe And Fittings</b> (23 11 26)			
<b>23 11 26 00-0002</b>		<b>Fiberglass Reinforced Plastic Pipe</b> (23 11 26 00-0001)			
Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).					
23 11 26 00-0003	LF	2" Fiberglass Reinforced Plastic Pipe.....	21.70		7.63
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-8.54		
23 11 26 00-0004	LF	3" Fiberglass Reinforced Plastic Pipe.....	26.00		9.11
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-10.25		
23 11 26 00-0005	LF	4" Fiberglass Reinforced Plastic Pipe.....	34.30		13.46
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-15.10		
23 11 26 00-0006	LF	5" Fiberglass Reinforced Plastic Pipe.....	40.35		15.47
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-17.01		
23 11 26 00-0007	LF	6" Fiberglass Reinforced Plastic Pipe.....	47.12		17.27
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-19.46		
23 11 26 00-0008	LF	8" Fiberglass Reinforced Plastic Pipe.....	65.78		21.31
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-23.93		
23 11 26 00-0009	LF	10" Fiberglass Reinforced Plastic Pipe.....	87.47		25.33
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-28.54		
23 11 26 00-0010	LF	12" Fiberglass Reinforced Plastic Pipe.....	257.13		31.90
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-35.90		
<b>23 11 26 00-0011</b>		<b>Fiberglass Reinforced Plastic Fittings</b> (23 11 26 00-0001)			
<b>23 11 26 00-0012</b>		<b>Fiberglass Reinforced Plastic Flanged 90 Degree Elbows</b> (23 11 26 00-0011)			
23 11 26 00-0013	EA	2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	165.19		75.97
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-85.45		
23 11 26 00-0014	EA	3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	194.82		91.22
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-102.54		
23 11 26 00-0015	EA	4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	233.54		105.95
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-119.12		
23 11 26 00-0016	EA	5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	294.03		126.04
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-139.04		
23 11 26 00-0017	EA	6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	354.57		141.41
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-159.01		
23 11 26 00-0018	EA	8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	508.93		176.71
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-198.76		
23 11 26 00-0019	EA	10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	654.49		212.86
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-239.37		
23 11 26 00-0020	EA	12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow.....	1,888.38		263.95
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-296.82		
<b>23 11 26 00-0021</b>		<b>Fiberglass Reinforced Plastic Flanged 45 Degree Elbows</b> (23 11 26 00-0011)			
23 11 26 00-0022	EA	2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	165.58		75.97
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-85.45		
23 11 26 00-0023	EA	3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	194.93		91.22
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-102.54		
23 11 26 00-0024	EA	4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	233.90		106.06
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-119.20		
23 11 26 00-0025	EA	5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	294.11		125.98
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-139.07		
23 11 26 00-0026	EA	6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	354.43		141.41
For Use As Inner Pipe In Double Wall Pipe System, Deduct			-159.01		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0027 EA 8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	508.93	176.71
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-198.76	
23 11 26 00-0028 EA 10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	1,424.26	212.86
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-239.37	
23 11 26 00-0029 EA 12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow.....	1,888.38	263.95
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-296.82	
<b>23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees (23 11 26 00-0011)</b>		
23 11 26 00-0031 EA 2" Fiberglass Reinforced Plastic Flanged Tee.....	400.61	114.01
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-128.17	
23 11 26 00-0032 EA 3" Fiberglass Reinforced Plastic Flanged Tee.....	498.12	137.31
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-154.37	
23 11 26 00-0033 EA 4" Fiberglass Reinforced Plastic Flanged Tee.....	565.02	159.03
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-178.82	
23 11 26 00-0034 EA 5" Fiberglass Reinforced Plastic Flanged Tee.....	728.08	188.91
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-208.68	
23 11 26 00-0035 EA 6" Fiberglass Reinforced Plastic Flanged Tee.....	892.12	212.86
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-239.37	
23 11 26 00-0036 EA 8" Fiberglass Reinforced Plastic Flanged Tee.....	1,124.47	263.95
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-296.82	
23 11 26 00-0037 EA 10" Fiberglass Reinforced Plastic Flanged Tee.....	1,860.56	319.29
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-359.06	
23 11 26 00-0038 EA 12" Fiberglass Reinforced Plastic Flanged Tee.....	2,509.89	388.20
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-436.49	
<b>23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes (23 11 26 00-0011)</b>		
23 11 26 00-0040 EA 2" Fiberglass Reinforced Plastic Flanged Wye.....	556.11	114.01
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-128.17	
23 11 26 00-0041 EA 3" Fiberglass Reinforced Plastic Flanged Wye.....	720.41	137.10
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-154.16	
23 11 26 00-0042 EA 4" Fiberglass Reinforced Plastic Flanged Wye.....	847.71	159.03
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-178.80	
23 11 26 00-0043 EA 5" Fiberglass Reinforced Plastic Flanged Wye.....	968.78	188.91
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-208.68	
23 11 26 00-0044 EA 6" Fiberglass Reinforced Plastic Flanged Wye.....	1,090.87	212.86
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-239.37	
23 11 26 00-0045 EA 8" Fiberglass Reinforced Plastic Flanged Wye.....	1,438.79	263.95
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-296.82	
23 11 26 00-0046 EA 10" Fiberglass Reinforced Plastic Flanged Wye.....	2,257.01	319.29
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-359.06	
23 11 26 00-0047 EA 12" Fiberglass Reinforced Plastic Flanged Wye.....	2,942.05	388.20
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-436.49	
<b>23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 26 00-0011)</b>		
23 11 26 00-0049 EA 2" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	308.59	75.97
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-85.45	
23 11 26 00-0050 EA 3" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	405.09	91.22
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-102.54	
23 11 26 00-0051 EA 4" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	439.97	106.06
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-119.20	
23 11 26 00-0052 EA 5" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	510.20	125.98
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-139.07	
23 11 26 00-0053 EA 6" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	580.46	141.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-159.01	
23 11 26 00-0054 EA 8" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	778.59	176.71
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-198.76	
23 11 26 00-0055 EA 10" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	1,002.82	212.86
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-239.37	
23 11 26 00-0056 EA 12" Fiberglass Reinforced Plastic Flanged Concentric Reducer.....	1,386.19	263.95
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-296.82	
<b>23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 26 00-0011)</b>		
23 11 26 00-0058 EA 2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	239.09	75.97
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-85.45	
23 11 26 00-0059 EA 3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	272.38	91.22
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-102.54	
23 11 26 00-0060 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	307.39	106.06
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-119.20	
23 11 26 00-0061 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	380.33	125.98
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-139.07	
23 11 26 00-0062 EA 6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	453.38	141.41
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-159.01	
23 11 26 00-0063 EA 8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	428.44	176.71
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-198.76	
23 11 26 00-0064 EA 10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	554.00	212.86
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-239.37	
23 11 26 00-0065 EA 12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter.....	906.40	263.95
<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-296.82	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0066			<b>Fiberglass Reinforced Plastic Nipples</b> (23 11 26 00-0011)		
23 11 26 00-0067	EA		2" x 6" Fiberglass Reinforced Plastic Nipple .....	48.22	9.11
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-10.25	
23 11 26 00-0068	EA		2" x 12" Fiberglass Reinforced Plastic Nipple .....	96.38	18.22
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-20.45	
23 11 26 00-0069	EA		3" x 8" Fiberglass Reinforced Plastic Nipple .....	172.00	13.98
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-15.74	
23 11 26 00-0070	EA		3" x 12" Fiberglass Reinforced Plastic Nipple .....	198.65	19.83
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-22.29	
23 11 26 00-0071	EA		4" x 8" Fiberglass Reinforced Plastic Nipple .....	187.57	14.10
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-15.90	
23 11 26 00-0072	EA		4" x 12" Fiberglass Reinforced Plastic Nipple .....	223.76	21.20
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-23.84	
23 11 26 00-0073	EA		6" x 12" Fiberglass Reinforced Plastic Nipple .....	279.46	23.75
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-26.24	
23 11 26 00-0074	EA		6" x 12" Fiberglass Reinforced Plastic Nipple .....	335.11	25.44
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-28.65	
23 11 26 00-0075	EA		8" x 18" Fiberglass Reinforced Plastic Nipple .....	168.92	29.69
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-33.39	
23 11 26 00-0076	EA		8" x 24" Fiberglass Reinforced Plastic Nipple .....	229.41	42.41
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-47.66	
23 11 26 00-0077	EA		10" x 18" Fiberglass Reinforced Plastic Nipple .....	293.66	30.21
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-33.94	
23 11 26 00-0078	EA		10" x 24" Fiberglass Reinforced Plastic Nipple .....	440.83	45.16
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-50.83	
23 11 26 00-0079	EA		12" x 18" Fiberglass Reinforced Plastic Nipple .....	344.99	31.17
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-35.00	
23 11 26 00-0080	EA		12" x 24" Fiberglass Reinforced Plastic Nipple .....	448.44	46.64
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-52.51	
23 11 26 00-0081			<b>Fiberglass Reinforced Plastic Sleeve Couplings</b> (23 11 26 00-0011)		
23 11 26 00-0082	EA		2" Fiberglass Reinforced Plastic Sleeve Coupling .....	145.67	75.97
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-85.45	
23 11 26 00-0083	EA		3" Fiberglass Reinforced Plastic Sleeve Coupling .....	175.37	91.22
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-102.54	
23 11 26 00-0084	EA		4" Fiberglass Reinforced Plastic Sleeve Coupling .....	202.44	106.06
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-119.20	
23 11 26 00-0085	EA		5" Fiberglass Reinforced Plastic Sleeve Coupling .....	245.58	125.98
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-139.07	
23 11 26 00-0086	EA		6" Fiberglass Reinforced Plastic Sleeve Coupling .....	288.80	141.41
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-159.01	
23 11 26 00-0087	EA		8" Fiberglass Reinforced Plastic Sleeve Coupling .....	377.63	176.71
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-198.76	
23 11 26 00-0088	EA		10" Fiberglass Reinforced Plastic Sleeve Coupling .....	490.65	212.86
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-239.37	
23 11 26 00-0089	EA		12" Fiberglass Reinforced Plastic Sleeve Coupling .....	597.97	263.95
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-296.82	
23 11 26 00-0090			<b>Fiberglass Reinforced Plastic Flanges</b> (23 11 26 00-0011)		
23 11 26 00-0091	EA		2" Fiberglass Reinforced Plastic Flange .....	149.64	75.97
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-85.45	
23 11 26 00-0092	EA		3" Fiberglass Reinforced Plastic Flange .....	180.62	91.22
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-102.54	
23 11 26 00-0093	EA		4" Fiberglass Reinforced Plastic Flange .....	218.11	105.90
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-119.05	
23 11 26 00-0094	EA		5" Fiberglass Reinforced Plastic Flange .....	265.12	126.04
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-139.13	
23 11 26 00-0095	EA		6" Fiberglass Reinforced Plastic Flange .....	311.83	141.41
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-159.01	
23 11 26 00-0096	EA		8" Fiberglass Reinforced Plastic Flange .....	389.35	169.18
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-190.27	
23 11 26 00-0097	EA		10" Fiberglass Reinforced Plastic Flange .....	526.49	212.86
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-239.37	
23 11 26 00-0098	EA		12" Fiberglass Reinforced Plastic Flange .....	741.30	263.95
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i> .....	-296.82	
23 11 26 00-0099			<b>Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings</b> (23 11 26)		
23 11 26 00-0100			<b>Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing</b> (23 11 26 00-0099)		
23 11 26 00-0101	LF		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	148.47	32.74
23 11 26 00-0102	LF		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	177.09	38.78
23 11 26 00-0103	LF		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	222.53	57.21
23 11 26 00-0104	LF		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	315.45	74.17
23 11 26 00-0105	LF		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	463.47	91.16
23 11 26 00-0106	LF		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	638.92	108.13



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0107 LF 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing .....	817.13	136.43
<b>23 11 26 00-0108 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings <small>(23 11 26 00-0099)</small></b>		
<b>23 11 26 00-0109 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows <small>(23 11 26 00-0108)</small></b>		
23 11 26 00-0110 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	2,716.26	405.16
23 11 26 00-0111 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	3,119.16	486.32
23 11 26 00-0112 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	3,921.20	565.15
23 11 26 00-0113 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	6,995.39	754.02
23 11 26 00-0114 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	11,448.18	942.71
23 11 26 00-0115 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	15,495.96	1,134.16
23 11 26 00-0116 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow.....	20,738.91	1,404.47
<b>23 11 26 00-0117 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows <small>(23 11 26 00-0108)</small></b>		
23 11 26 00-0118 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	2,720.84	405.16
23 11 26 00-0119 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	3,111.11	486.32
23 11 26 00-0120 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	3,914.89	565.15
23 11 26 00-0121 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	6,958.22	754.02
23 11 26 00-0122 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	11,394.36	942.71
23 11 26 00-0123 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	15,422.76	1,134.69
23 11 26 00-0124 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	20,643.78	1,407.65
<b>23 11 26 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees <small>(23 11 26 00-0108)</small></b>		
23 11 26 00-0126 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	3,763.57	607.75
23 11 26 00-0127 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	4,727.61	732.46
23 11 26 00-0128 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	5,326.94	848.15
23 11 26 00-0129 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	8,816.19	1,135.22
23 11 26 00-0130 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	11,158.63	1,407.65
23 11 26 00-0131 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	19,707.48	1,700.86
23 11 26 00-0132 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee .....	27,029.91	2,062.24
<b>23 11 26 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes <small>(23 11 26 00-0108)</small></b>		
23 11 26 00-0134 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	5,694.29	607.75
23 11 26 00-0135 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	7,489.64	731.61
23 11 26 00-0136 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	8,837.20	848.15
23 11 26 00-0137 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	11,284.02	1,135.22
23 11 26 00-0138 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	15,061.39	1,407.65
23 11 26 00-0139 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	24,630.11	1,700.86
23 11 26 00-0140 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye .....	32,395.86	2,062.24
<b>23 11 26 00-0141 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers <small>(23 11 26 00-0108)</small></b>		
23 11 26 00-0142 EA 2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer .....	3,024.36	405.16
23 11 26 00-0143 EA 3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	4,061.38	486.32
23 11 26 00-0144 EA 4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	4,336.95	565.15
23 11 26 00-0145 EA 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	5,705.40	754.02
23 11 26 00-0146 EA 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	7,790.36	942.71
23 11 26 00-0147 EA 10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	10,189.19	1,134.16
23 11 26 00-0148 EA 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	14,403.47	1,404.47

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>23 11 26 00-0149</b>		<b>Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters</b> <small>(23 11 26 00-0108)</small>			
23 11 26 00-0150	EA	2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,161.49	405.16	
23 11 26 00-0151	EA	3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,413.51	486.32	
23 11 26 00-0152	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,690.67	565.15	
23 11 26 00-0153	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	4,127.46	754.02	
23 11 26 00-0154	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,442.66	942.71	
23 11 26 00-0155	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	4,616.31	1,134.16	
23 11 26 00-0156	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	8,446.06	1,404.47	
<b>23 11 26 00-0157</b>		<b>Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples</b> <small>(23 11 26 00-0108)</small>			
23 11 26 00-0158	EA	2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	501.97	48.63	
23 11 26 00-0159	EA	2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,003.55	97.05	
23 11 26 00-0160	EA	3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,986.99	74.59	
23 11 26 00-0161	EA	3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,256.03	105.69	
23 11 26 00-0162	EA	4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,178.87	75.37	
23 11 26 00-0163	EA	4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,553.17	113.11	
23 11 26 00-0164	EA	6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	3,890.38	135.90	
23 11 26 00-0165	EA	8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	1,782.05	158.38	
23 11 26 00-0166	EA	8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	2,398.42	226.11	
23 11 26 00-0167	EA	10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	3,325.71	160.92	
23 11 26 00-0168	EA	10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	4,993.46	241.06	
23 11 26 00-0169	EA	12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	3,952.96	166.01	
23 11 26 00-0170	EA	12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple.....	5,072.27	249.00	
<b>23 11 26 00-0171</b>		<b>Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges</b> <small>(23 11 26 00-0108)</small>			
23 11 26 00-0172	EA	4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,583.83	564.59	
23 11 26 00-0173	EA	6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,369.94	754.02	
23 11 26 00-0174	EA	8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	3,037.52	902.54	
23 11 26 00-0175	EA	10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	4,274.68	1,134.16	
23 11 26 00-0176	EA	12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	6,396.18	1,404.47	
<b>23 12 Facility Fuel Pumps</b> <small>(23 10)</small>					
<b>23 12 13 Facility Fuel-Oil Pumps</b> <small>(23 12)</small>					
<b>23 12 13 00-0001</b>		<b>Cast Iron Internal Gear Rotary Pump</b> <small>(23 12 13)</small>			
Note: Heavy-duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.					
<b>23 12 13 00-0002</b>		<b>10 GPM 1" Discharge</b> <small>(23 12 13 00-0001)</small>			
23 12 13 00-0003	EA	10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge.....	1,472.88	307.80	
23 12 13 00-0004	EA	10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge.....	1,548.11	372.55	
23 12 13 00-0005	EA	10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge.....	1,696.88	442.60	
<b>23 12 13 00-0006</b>		<b>25 GPM 1-1/4" Discharge</b> <small>(23 12 13 00-0001)</small>			
23 12 13 00-0007	EA	25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge.....	1,593.60	307.80	
23 12 13 00-0008	EA	25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge.....	1,679.28	372.55	
23 12 13 00-0009	EA	25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge.....	1,764.78	442.60	
<b>23 12 13 00-0010</b>		<b>Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI</b> <small>(23 12 13)</small>			
23 12 13 00-0011	EA	1/4 HP Pump Fuel Oil/Diesel.....	1,109.80	172.47	
23 12 13 00-0012	EA	1/3 HP Pump Fuel Oil/Diesel.....	1,303.00	193.18	
23 12 13 00-0013	EA	1/2 HP Pump Fuel Oil/Diesel.....	1,425.64	216.52	
23 12 13 00-0014	EA	3/4 HP Pump Fuel Oil/Diesel.....	1,556.78	244.12	
23 12 13 00-0015	EA	1 HP Pump Fuel Oil/Diesel.....	2,176.32	271.72	
23 12 13 00-0016	EA	1-1/2 HP Pump Fuel Oil/Diesel.....	2,656.47	304.09	
23 12 13 00-0017	EA	2 HP Pump Fuel Oil/Diesel.....	2,944.60	340.70	
23 12 13 00-0018	EA	3 HP Pump Fuel Oil/Diesel.....	3,583.84	381.04	
23 12 13 00-0019	EA	5 HP Pump Fuel Oil/Diesel.....	4,220.42	427.21	
23 12 13 00-0020	EA	7.5 HP Pump Fuel Oil/Diesel.....	4,725.50	479.22	
23 12 13 00-0021	EA	10 HP Pump Fuel Oil/Diesel.....	5,298.09	537.17	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 12 23 Facility Natural-Gas Pumps (23 12)

23 12 23 00-0001 Natural Gas Booster Pump (23 12 23)

Table with 4 columns: Code, Description, Unit Cost, Demolition Cost. Rows include Natural Gas Booster Pump, 3/4" Outlet Size, 1" Outlet Size, 1-1/4" Outlet Size, 1-1/2" Outlet Size, and 2" Outlet Size.

23 13 Facility Fuel-Storage Tanks (23 10)

23 13 13 Facility Underground Fuel-Oil, Storage Tanks (23 13)

23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 13 13 13-0001 Coated Underground Double Wall Storage Tanks (23 13 13 13)

Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.

Table with 4 columns: Code, Description, Unit Cost, Demolition Cost. Rows list various storage tank capacities from 250 to 48,000 gallons.

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 13 13 23-0001 Underground Fiberglass Storage Tanks (23 13 13 23)

23 13 13 23-0002 Single Wall Fiberglass Underground Storage Tanks (23 13 13 23-0001)

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

Table with 4 columns: Code, Description, Unit Cost, Demolition Cost. Rows list various fiberglass storage tank capacities from 550 to 50,000 gallons.

23 13 13 23-0020 Double Wall Fiberglass Underground Storage Tanks (23 13 13 23-0001)

Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.

Table with 4 columns: Code, Description, Unit Cost, Demolition Cost. Rows list various double wall fiberglass storage tank capacities from 550 to 20,000 gallons.

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 13 23-0033 EA 30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps.....	104,149.41	16,688.15
<b>23 13 13 23-0034 Underground Storage Tank Pump Enclosures (23 13 13 23)</b>		
23 13 13 23-0035 EA Secondary Containment Collar.....	4,219.37	
23 13 13 23-0036 EA Turbine Enclosure With Lid 4' Long x 42" Diameter.....	4,219.37	
23 13 13 23-0037 EA Fitting Kit For Turbine Enclosure.....	843.87	
23 13 13 23-0038 EA Grommet Kits For Plumbing And Electrical.....	1,687.75	
23 13 13 23-0039 EA Turbine Electrical Coupling Kit.....	2,109.68	
<b>23 13 23 Facility Aboveground Fuel-Oil, Storage Tanks (23 13)</b>		
<b>23 13 23 13 Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)</b>		
<b>23 13 23 13-0001 Vertical Rectangular Double Wall Steel Fuel Day Tank (23 13 23 13)</b>		
Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002 EA 10 Gallon Double Wall Steel Day Tank (Tramont TRX).....	1,178.51	138.30
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0003 EA 15 Gallon Double Wall Steel Day Tank (Tramont TRX).....	1,265.46	145.21
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0004 EA 25 Gallon Double Wall Steel Day Tank (Tramont TRX).....	1,373.61	155.58
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0005 EA 50 Gallon Double Wall Steel Day Tank (Tramont TRX).....	1,577.75	165.95
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0006 EA 60 Gallon Double Wall Steel Day Tank (Tramont TRX).....	1,759.00	172.87
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0007 EA 75 Gallon Double Wall Steel Day Tank (Tramont TRX).....	2,073.77	207.44
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0008 EA 100 Gallon Double Wall Steel Day Tank (Tramont TRX).....	2,789.69	242.01
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0009 EA 150 Gallon Double Wall Steel Day Tank (Tramont TRX).....	3,529.61	276.58
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0010 EA 200 Gallon Double Wall Steel Day Tank (Tramont TRX).....	4,526.67	311.15
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0011 EA 275 Gallon Double Wall Steel Day Tank (Tramont TRX).....	5,045.44	345.74
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0012 EA 300 Gallon Double Wall Steel Day Tank (Tramont TRX).....	5,774.42	414.88
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0013 EA 350 Gallon Double Wall Steel Day Tank (Tramont TRX).....	6,469.11	484.02
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0014 EA 400 Gallon Double Wall Steel Day Tank (Tramont TRX).....	7,184.36	553.17
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0015 EA 450 Gallon Double Wall Steel Day Tank (Tramont TRX).....	7,972.28	587.75
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0016 EA 500 Gallon Double Wall Steel Day Tank (Tramont TRX).....	8,765.34	622.32
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0017 EA 550 Gallon Double Wall Steel Day Tank (Tramont TRX).....	9,666.42	656.89
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0018 EA 600 Gallon Double Wall Steel Day Tank (Tramont TRX).....	10,454.34	691.46
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0019 EA 700 Gallon Double Wall Steel Day Tank (Tramont TRX).....	11,644.85	829.76
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0020 EA 800 Gallon Double Wall Steel Day Tank (Tramont TRX).....	12,560.67	898.90
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0021 EA 900 Gallon Double Wall Steel Day Tank (Tramont TRX).....	13,787.19	1,037.19
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0022 EA 1,000 Gallon Double Wall Steel Day Tank (Tramont TRX).....	15,018.83	1,175.49
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0023 EA 10 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	1,428.80	138.30
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0024 EA 15 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	1,517.46	145.21
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0025 EA 25 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	1,625.61	155.58
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0026 EA 50 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	1,828.04	165.95
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0027 EA 60 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	2,009.29	172.87
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0028 EA 75 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	2,325.78	207.44
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0029 EA 100 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	3,065.70	242.01
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0030 EA 150 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	3,805.62	276.58
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0031 EA 200 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	4,802.68	311.15
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0032 EA 275 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	5,321.45	345.74
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0033 EA 300 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	6,050.42	414.88
Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0034 EA 350 Gallon Double Wall Steel Day Tank (Tramont UTRX).....	6,745.11	484.02
Note: Includes rust-inhibitor coated interior and gray painted exterior.		





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23	13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,460.37	553.17
23 13 23	13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,248.29	587.75
23 13 23	13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,041.35	622.32
23 13 23	13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,944.14	656.89
23 13 23	13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,732.06	691.46
23 13 23	13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,920.85	829.76
23 13 23	13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,836.67	898.90
23 13 23	13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,063.19	1,037.19
23 13 23	13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,294.84	1,175.49
23 13 23	13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,376.82	138.30
23 13 23	13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,455.20	145.21
23 13 23	13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,525.63	155.58
23 13 23	13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,796.63	165.95
23 13 23	13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,899.02	172.87
23 13 23	13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,203.51	207.44
23 13 23	13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,856.00	242.01
23 13 23	13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,866.78	276.58
23 13 23	13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,472.97	311.15
23 13 23	13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,154.06	345.74
23 13 23	13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,085.32	414.88
23 13 23	13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,646.30	484.02
23 13 23	13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,409.55	553.17
23 13 23	13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,161.47	587.75
23 13 23	13-0058	EA	500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,153.39	622.32
23 13 23	13-0059	EA	550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,565.89	656.89
23 13 23	13-0060	EA	600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,935.51	691.46
23 13 23	13-0061	EA	700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,652.32	829.76
23 13 23	13-0062	EA	800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,317.29	898.90
23 13 23	13-0063	EA	900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,136.97	1,037.19
23 13 23	13-0064	EA	1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,985.77	1,175.49
23 13 23	13-0065	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,508.27	138.30
23 13 23	13-0066	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,586.65	145.21
23 13 23	13-0067	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,657.08	155.58
23 13 23	13-0068	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,928.08	165.95
23 13 23	13-0069	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,030.47	172.87
23 13 23	13-0070	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,334.96	207.44
23 13 23	13-0071	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,987.45	242.01
23 13 23	13-0072	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,998.23	276.58
23 13 23	13-0073	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,679.86	311.15
23 13 23	13-0074	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,891.21	345.74
23 13 23	13-0075	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,822.48	414.88
23 13 23	13-0076	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,385.17	484.02



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0077 EA 400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,146.71	553.17
23 13 23 13-0078 EA 450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,900.34	587.75
23 13 23 13-0079 EA 500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,890.55	622.32
23 13 23 13-0080 EA 550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,303.04	656.89
23 13 23 13-0081 EA 600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,672.67	691.46
23 13 23 13-0082 EA 700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,389.48	829.76
23 13 23 13-0083 EA 800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	16,056.17	898.90
23 13 23 13-0084 EA 900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,874.13	1,037.19
23 13 23 13-0085 EA 1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,722.92	1,175.49
23 13 23 13-0086 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,140.85	138.30
23 13 23 13-0087 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,227.80	145.21
23 13 23 13-0088 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,299.95	155.58
23 13 23 13-0089 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,579.52	165.95
23 13 23 13-0090 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,729.91	172.87
23 13 23 13-0091 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,006.98	207.44
23 13 23 13-0092 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,685.18	242.01
23 13 23 13-0093 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,743.96	276.58
23 13 23 13-0094 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,372.44	311.15
23 13 23 13-0095 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,118.67	345.74
23 13 23 13-0096 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,097.93	414.88
23 13 23 13-0097 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,605.76	484.02
23 13 23 13-0098 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,471.88	553.17
23 13 23 13-0099 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,381.51	587.75
23 13 23 13-0100 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,296.29	622.32
23 13 23 13-0101 EA 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,758.50	656.89
23 13 23 13-0102 EA 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,102.41	691.46
23 13 23 13-0103 EA 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,896.36	829.76
23 13 23 13-0104 EA 800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,641.91	898.90
23 13 23 13-0105 EA 900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,542.16	1,037.19
23 13 23 13-0106 EA 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,468.10	1,175.49
23 13 23 13-0107 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,272.31	138.30



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0108 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,359.26	145.21
23 13 23 13-0109 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,431.40	155.58
23 13 23 13-0110 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,710.97	165.95
23 13 23 13-0111 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,861.36	172.87
23 13 23 13-0112 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,135.00	207.44
23 13 23 13-0113 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,816.63	242.01
23 13 23 13-0114 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,875.41	276.58
23 13 23 13-0115 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,503.89	311.15
23 13 23 13-0116 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,855.82	345.74
23 13 23 13-0117 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,835.09	414.88
23 13 23 13-0118 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,514.35	484.02
23 13 23 13-0119 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,209.03	553.17
23 13 23 13-0120 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,118.67	587.75
23 13 23 13-0121 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,033.45	622.32
23 13 23 13-0122 EA 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,495.66	656.89
23 13 23 13-0123 EA 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,841.29	691.46
23 13 23 13-0124 EA 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,633.52	829.76
23 13 23 13-0125 EA 800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,379.07	898.90
23 13 23 13-0126 EA 900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,279.32	1,037.19
23 13 23 13-0127 EA 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) ..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,205.26	1,175.49
23 13 23 13-0128 EA 150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,167.33	138.30
23 13 23 13-0129 EA 150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,264.84	145.21
23 13 23 13-0130 EA 150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,372.65	155.58
23 13 23 13-0131 EA 150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,568.70	165.95
23 13 23 13-0132 EA 150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,084.85	172.87
23 13 23 13-0133 EA 150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,142.48	207.44
23 13 23 13-0134 EA 150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,693.42	242.01
23 13 23 13-0135 EA 150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,332.60	276.58
23 13 23 13-0136 EA 150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,376.84	311.15
23 13 23 13-0137 EA 150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,498.02	345.74
23 13 23 13-0138 EA 150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,599.90	414.88
23 13 23 13-0139 EA 150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,093.05	484.02
23 13 23 13-0140 EA 150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,588.46	553.17
23 13 23 13-0141 EA 150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,331.74	587.75
23 13 23 13-0142 EA 150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,077.28	622.32
23 13 23 13-0143 EA 150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	9,725.55	656.89
23 13 23 13-0144 EA 150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	10,380.56	691.46
23 13 23 13-0145 EA 150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	11,747.02	829.76
23 13 23 13-0146 EA 150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,038.96	898.90
23 13 23 13-0147 EA 150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	14,482.38	1,037.19
23 13 23 13-0148 EA 150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	15,875.99	1,175.49
23 13 23 13-0149 EA 200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,230.90	145.21
23 13 23 13-0150 EA 200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,338.96	155.58
23 13 23 13-0151 EA 200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,451.78	165.95

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 13 23 13-0152	EA	200%	Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,652.01	172.87
23 13 23 13-0153	EA	200%	Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,242.30	207.44
23 13 23 13-0154	EA	200%	Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,299.92	242.01
23 13 23 13-0155	EA	200%	Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,878.26	276.58
23 13 23 13-0156	EA	200%	Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,549.75	311.15
23 13 23 13-0157	EA	200%	Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,648.81	345.74
23 13 23 13-0158	EA	200%	Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,829.09	380.31
23 13 23 13-0159	EA	200%	Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,985.76	449.45
23 13 23 13-0160	EA	200%	Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,499.91	518.59
23 13 23 13-0161	EA	200%	Containment Double Wall Open Top Basin For 400 Gallon Tank.....	8,016.44	587.75
23 13 23 13-0162	EA	200%	Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,797.81	622.32
23 13 23 13-0163	EA	200%	Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,581.58	656.89
23 13 23 13-0164	EA	200%	Containment Double Wall Open Top Basin For 550 Gallon Tank.....	10,262.65	691.46
23 13 23 13-0165	EA	200%	Containment Double Wall Open Top Basin For 600 Gallon Tank.....	11,008.48	760.61
23 13 23 13-0166	EA	200%	Containment Double Wall Open Top Basin For 700 Gallon Tank.....	12,438.04	898.90
23 13 23 13-0167	EA	200%	Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,910.62	1,037.19
23 13 23 13-0168	EA	200%	Containment Double Wall Open Top Basin For 900 Gallon Tank.....	15,421.40	1,175.49
23 13 23 13-0169	EA	200%	Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	16,879.65	1,313.78
23 13 23 13-0170	EA	150%	Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,346.10	138.30
23 13 23 13-0171	EA	150%	Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,466.24	145.21
23 13 23 13-0172	EA	150%	Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,587.62	155.58
23 13 23 13-0173	EA	150%	Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,828.93	165.95
23 13 23 13-0174	EA	150%	Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,442.39	172.87
23 13 23 13-0175	EA	150%	Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,500.02	207.44
23 13 23 13-0176	EA	150%	Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,132.42	242.01
23 13 23 13-0177	EA	150%	Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	3,877.96	276.58
23 13 23 13-0178	EA	150%	Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,107.14	311.15
23 13 23 13-0179	EA	150%	Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,484.65	345.74
23 13 23 13-0180	EA	150%	Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	7,787.92	414.88
23 13 23 13-0181	EA	150%	Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	8,351.23	484.02
23 13 23 13-0182	EA	150%	Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	9,919.05	553.17
23 13 23 13-0183	EA	150%	Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	9,804.89	587.75
23 13 23 13-0184	EA	150%	Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	10,692.99	622.32
23 13 23 13-0185	EA	150%	Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	11,447.60	656.89
23 13 23 13-0186	EA	150%	Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	12,220.30	691.46
23 13 23 13-0187	EA	150%	Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	13,824.37	829.76
23 13 23 13-0188	EA	150%	Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	15,356.17	898.90
23 13 23 13-0189	EA	150%	Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	17,037.19	1,037.19
23 13 23 13-0190	EA	150%	Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	18,668.41	1,175.49
23 13 23 13-0191	EA	200%	Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,419.60	145.21
23 13 23 13-0192	EA	200%	Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,551.54	155.58
23 13 23 13-0193	EA	200%	Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,678.70	165.95
23 13 23 13-0194	EA	200%	Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,926.70	172.87
23 13 23 13-0195	EA	200%	Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,619.71	207.44
23 13 23 13-0196	EA	200%	Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,677.33	242.01
23 13 23 13-0197	EA	200%	Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,341.65	276.58
23 13 23 13-0198	EA	200%	Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	4,125.41	311.15
23 13 23 13-0199	EA	200%	Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,419.68	345.74
23 13 23 13-0200	EA	200%	Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,870.52	380.31
23 13 23 13-0201	EA	200%	Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	8,239.79	449.45
23 13 23 13-0202	EA	200%	Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	8,827.99	518.59
23 13 23 13-0203	EA	200%	Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	9,420.95	587.75
23 13 23 13-0204	EA	200%	Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	10,352.80	622.32
23 13 23 13-0205	EA	200%	Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	11,287.06	656.89
23 13 23 13-0206	EA	200%	Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	12,080.37	691.46
23 13 23 13-0207	EA	200%	Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	12,950.43	760.61
23 13 23 13-0208	EA	200%	Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	14,630.79	898.90
23 13 23 13-0209	EA	200%	Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	16,356.56	1,037.19
23 13 23 13-0210	EA	200%	Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	18,118.15	1,175.49
23 13 23 13-0211	EA	200%	Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	19,827.20	1,313.78

**23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)****23 13 23 16-0001 Single Wall Aboveground Storage Tanks (23 13 23 16)**

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each; all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23 16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	5,084.48	751.62
23 13 23 16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	6,111.92	909.85
23 13 23 16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	8,294.60	1,291.51
23 13 23 16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	10,725.45	1,614.38
23 13 23 16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	12,849.87	2,158.21
23 13 23 16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	19,436.66	2,221.69
23 13 23 16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings.....	28,286.01	2,746.81
23 13 23 16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	38,880.19	3,147.32
23 13 23 16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	46,358.66	3,433.43
23 13 23 16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	53,826.22	3,776.79
23 13 23 16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	59,585.05	4,196.39
23 13 23 16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	74,418.17	5,395.37
23 13 23 16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings.....	101,720.86	6,294.65



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 13 23 16-0015 Double Wall Aboveground Storage Tanks</b> <small>(23 13 23 16)</small>		
<small>Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each; all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.</small>		
23 13 23 16-0016 EA 300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	8,086.73	937.86
23 13 23 16-0017 EA 550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	9,716.68	1,134.92
23 13 23 16-0018 EA 1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	12,994.46	1,614.38
23 13 23 16-0019 EA 1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	17,046.77	2,017.98
23 13 23 16-0020 EA 2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	21,887.15	2,697.74
23 13 23 16-0021 EA 3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	31,232.14	2,777.02
23 13 23 16-0022 EA 5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings .....	45,722.66	3,421.01
23 13 23 16-0023 EA 8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	63,243.56	3,934.18
23 13 23 16-0024 EA 10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	75,597.39	4,291.84
23 13 23 16-0025 EA 12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	87,899.03	4,720.93
23 13 23 16-0026 EA 15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	97,294.08	5,245.58
23 13 23 16-0027 EA 20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	121,423.06	6,744.24
23 13 23 16-0028 EA 30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings .....	166,610.99	7,868.25
<b>23 13 23 16-0029 Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks</b> <small>(23 13 23 16)</small>		
<small>Note: Includes solenoid valve. Excludes piping and concrete pad.</small>		
23 13 23 16-0030 EA 550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank .....	15,785.37	1,134.92
23 13 23 16-0031 EA 750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank .....	16,726.96	1,331.86
23 13 23 16-0032 EA 1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank .....	18,793.13	1,614.38
23 13 23 16-0033 EA 1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank .....	22,483.61	2,017.98
23 13 23 16-0034 EA 2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank .....	28,755.71	2,697.74
<small>Note: Includes 2" solenoid valve.</small>		
<b>23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks</b> <small>(23 13 23)</small>		
<b>23 13 23 19-0001 Secondary Containment For Above Ground Tanks</b> <small>(23 13 23 19)</small>		
23 13 23 19-0002 EA Steel Dike For 550 Gallon Tank, Uncoated .....	6,803.72	
23 13 23 19-0003 EA Steel Dike For 1,000 Gallon Tank, Uncoated .....	8,218.78	
23 13 23 19-0004 EA Steel Dike For 2,000 Gallon Tank, Uncoated .....	18,019.18	
23 13 23 19-0005 EA Steel Dike For 3,000 Gallon Tank, Uncoated .....	19,705.86	
23 13 23 19-0006 EA Steel Dike For 5,000 Gallon Tank, Uncoated .....	28,036.09	
23 13 23 19-0007 EA Steel Dike For 6,000 Gallon Tank, Uncoated .....	31,411.36	
23 13 23 19-0008 EA Steel Dike For 8,000 Gallon Tank, Uncoated .....	41,483.34	
23 13 23 19-0009 EA Steel Dike For 10,000 Gallon Tank, Uncoated .....	48,668.94	
23 13 23 19-0010 EA Steel Dike For 12,000 Gallon Tank, Uncoated .....	55,311.17	
23 13 23 19-0011 EA Steel Dike For 15,000 Gallon Tank, Uncoated .....	67,342.10	
23 13 23 19-0012 EA Steel Dike For 20,000 Gallon Tank, Uncoated .....	86,233.89	
<b>23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks</b> <small>(23 13 23)</small>		
<b>23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks</b> <small>(23 13 23 26)</small>		
<small>Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.</small>		
23 13 23 26-0002 EA 500 Gallon Concrete Vaulted Storage Tank .....	37,493.08	1,633.56
<small>For Low Profile Tanks, Add</small>		<small>14,085.48</small>
23 13 23 26-0003 EA 1,000 Gallon Concrete Vaulted Storage Tank .....	47,306.89	1,844.13
<small>For Low Profile Tanks, Add</small>		<small>17,893.47</small>
23 13 23 26-0004 EA 2,000 Gallon Concrete Vaulted Storage Tank .....	84,368.31	2,195.80
<small>For Low Profile Tanks, Add</small>		<small>32,521.76</small>
23 13 23 26-0005 EA 4,000 Gallon Concrete Vaulted Storage Tank .....	133,122.78	4,829.72
23 13 23 26-0006 EA 5,000 Gallon Concrete Vaulted Storage Tank .....	152,203.87	5,274.86
23 13 23 26-0007 EA 6,000 Gallon Concrete Vaulted Storage Tank .....	171,377.10	5,696.45
23 13 23 26-0008 EA 8,000 Gallon Concrete Vaulted Storage Tank .....	190,527.54	6,181.41
23 13 23 26-0009 EA 10,000 Gallon Concrete Vaulted Storage Tank .....	209,670.44	6,579.81
<b>23 13 33 Facility Fuel-Oil, Storage Tank Accessories</b> <small>(23 13)</small>		
<b>23 13 33 00-0001 EPA Requirements</b> <small>(23 13 33)</small>		
23 13 33 00-0002 EA Fill Pipe Spill Containment Manhole (5 Gallon) .....	2,203.48	
23 13 33 00-0003 EA Over-Fill Prevention Valve .....	1,420.20	
23 13 33 00-0004 EA Tank Manway With Cover, Fiberglass .....	4,806.39	
23 13 33 00-0005 EA Tank Manway With Cover, Steel .....	5,791.53	
23 13 33 00-0006 EA Vent Fill Alarm (Whistle Vent) .....	211.63	
23 13 33 00-0007 EA Reservoir Sensor, Liquid Level .....	678.24	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 13 33 00-0008	EA	Manhole Spill Containment .....	2,501.70	267.66
23 13 33 00-0009	EA	Fill Adapter, 4" .....	447.76	178.47
23 13 33 00-0010	EA	Fill Cap, 4" .....	315.15	66.91
23 13 33 00-0011	EA	2" Vent Cap .....	181.27	44.65
23 13 33 00-0012	EA	4" x 2" Extractor Fitting .....	767.67	66.91
23 13 33 00-0013	EA	Float Vent Valve .....	407.90	133.84
23 13 33 00-0014	EA	Vapor Hose Adapter .....	689.09	89.19
23 13 33 00-0015	EA	Dust Cap .....	278.64	48.71
23 13 33 00-0016	EA	1" Double Poppet Foot Valve .....	466.34	76.44
23 13 33 00-0017	EA	10' Wood Gage Stick .....	43.31	
23 13 33 00-0018	EA	1-1/4" Tank Filled Breather, NPT .....	279.44	
23 13 33 00-0019	EA	1-1/2" Tank Filled Breather, Bayonet .....	391.25	
23 13 33 00-0020	EA	2" Cast Iron Combination Fill Cap And Vent .....	93.03	
23 13 33 00-0021	EA	3" Cast Iron Combination Fill Cap And Vent .....	128.12	
23 13 33 00-0022	EA	4" Cast Iron Combination Fill Cap And Vent .....	206.08	
23 13 33 00-0023	EA	Pressure And Vacuum Control Vent .....	1,866.81	
23 13 33 00-0024	EA	1/4 HP Fuel/Diesel Pump Set .....	1,918.71	
23 13 33 00-0025	EA	1/3 HP Fuel/Diesel Pump Set .....	2,273.32	
23 13 33 00-0026	EA	1/2 HP Fuel/Diesel Pump Set .....	2,475.78	
23 13 33 00-0027	EA	3/4 HP Fuel/Diesel Pump Set .....	2,712.27	
23 13 33 00-0028	EA	1 HP Fuel/Diesel Pump Set .....	3,905.84	
23 13 33 00-0029	EA	1-1/2 HP Fuel/Diesel Pump Set .....	4,832.91	
23 13 33 00-0030	EA	2 HP Fuel/Diesel Pump Set .....	5,349.24	
23 13 33 00-0031	EA	3 HP Fuel/Diesel Pump Set .....	6,586.36	
23 13 33 00-0032	EA	5 HP Fuel/Diesel Pump Set .....	7,804.56	
23 13 33 00-0033	EA	7.5 HP Fuel/Diesel Pump Set .....	8,736.06	
23 13 33 00-0034	EA	10 HP Fuel/Diesel Pump Set .....	10,095.23	

**23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)****23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)****23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0038	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	66.58	
23 13 33 00-0039	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	74.63	
23 13 33 00-0040	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	82.10	
23 13 33 00-0041	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	101.62	
23 13 33 00-0042	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	103.91	
23 13 33 00-0043	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	142.11	
23 13 33 00-0044	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	237.10	
23 13 33 00-0045	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread .....	433.06	

**23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0047	EA	1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	80.15	
23 13 33 00-0048	EA	3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	88.14	
23 13 33 00-0049	EA	1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	96.16	
23 13 33 00-0050	EA	1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	123.45	
23 13 33 00-0051	EA	1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	131.48	
23 13 33 00-0052	EA	2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	167.09	
23 13 33 00-0053	EA	3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	270.41	
23 13 33 00-0054	EA	4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread .....	480.37	

**23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0056	EA	1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	83.24	
23 13 33 00-0057	EA	3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	97.02	
23 13 33 00-0058	EA	1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	110.22	
23 13 33 00-0059	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	144.99	
23 13 33 00-0060	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	195.16	
23 13 33 00-0061	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	315.68	
23 13 33 00-0062	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread .....	508.50	

**23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection (23 13 33 00-0036)**

23 13 33 00-0064	EA	1/2" Polypropylene Bulkhead Fitting, Thread x Thread .....	100.44	
23 13 33 00-0065	EA	3/4" Polypropylene Bulkhead Fitting, Thread x Thread .....	119.90	
23 13 33 00-0066	EA	1" Polypropylene Bulkhead Fitting, Thread x Thread .....	150.26	
23 13 33 00-0067	EA	1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread .....	185.88	
23 13 33 00-0068	EA	1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread .....	188.17	
23 13 33 00-0069	EA	2" Polypropylene Bulkhead Fitting, Thread x Thread .....	277.88	
23 13 33 00-0070	EA	3" Polypropylene Bulkhead Fitting, Thread x Thread .....	515.41	
23 13 33 00-0071	EA	4" Polypropylene Bulkhead Fitting, Thread x Thread .....	940.28	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 13 33 00-0072			Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0073	EA		3/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	84.50	
23 13 33 00-0074	EA		1" Polyethylene Bulkhead Fitting, Thread x Thread.....	112.65	
23 13 33 00-0075	EA		1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread.....	114.96	
23 13 33 00-0076	EA		1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread.....	117.25	
23 13 33 00-0077	EA		2" Polyethylene Bulkhead Fitting, Thread x Thread.....	171.23	
23 13 33 00-0078	EA		3" Polyethylene Bulkhead Fitting, Thread x Thread.....	220.62	

23 13 33 00-0079			TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0080	EA		1/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	430.40	
23 13 33 00-0081	EA		1/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	492.14	
23 13 33 00-0082	EA		3/8" TFE Teflon Bulkhead Fitting, Thread x Thread.....	607.66	
23 13 33 00-0083	EA		1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	702.28	
23 13 33 00-0084	EA		3/4" TFE Teflon Bulkhead Fitting, Thread x Thread.....	809.97	
23 13 33 00-0085	EA		1" TFE Teflon Bulkhead Fitting, Thread x Thread.....	1,023.35	
23 13 33 00-0086	EA		1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	1,331.91	
23 13 33 00-0087	EA		2" TFE Teflon Bulkhead Fitting, Thread x Thread.....	1,472.30	

23 13 33 00-0088			Self-Aligning Bulkhead Fittings <small>(23 13 33 00-0035)</small>		
23 13 33 00-0089	EA		3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	435.76	
23 13 33 00-0090	EA		1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	434.58	
23 13 33 00-0091	EA		1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	640.07	
23 13 33 00-0092	EA		2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	652.14	
23 13 33 00-0093	EA		3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting.....	886.98	

## 23 20 HVAC Piping and Pumps (23)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

### 23 21 Hydronic Piping and Pumps (23 20)

#### 23 21 13 Hydronic Piping (23 21)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

#### 23 21 13 23 Aboveground Hydronic Piping (23 21 13)

##### 23 21 13 23-0001 Threaded Black Steel Pipe (23 21 13 23)

##### 23 21 13 23-0002 Threaded Black Steel Pipe Assemblies (23 21 13 23-0001)

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

23 21 13 23-0003	LF	1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		22.06	4.24
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		5.61	
		<i>For Work In Restricted Working Space, Add</i>		4.38	
23 21 13 23-0004	LF	3/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		24.38	4.55
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		6.34	
		<i>For Work In Restricted Working Space, Add</i>		4.58	
23 21 13 23-0005	LF	1" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		27.34	4.98
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		7.27	
		<i>For Work In Restricted Working Space, Add</i>		4.83	
23 21 13 23-0006	LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		33.23	5.19
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		9.19	
		<i>For Work In Restricted Working Space, Add</i>		5.21	
23 21 13 23-0007	LF	1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		35.70	6.15
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		10.03	
		<i>For Work In Restricted Working Space, Add</i>		5.28	
23 21 13 23-0008	LF	2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		42.94	7.41
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		12.28	
		<i>For Work In Restricted Working Space, Add</i>		5.95	
23 21 13 23-0009	LF	2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly.....		62.65	8.79
		<i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i>		18.62	
		<i>For Work In Restricted Working Space, Add</i>		7.38	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 20 HVAC Piping and Pumps**

**23 21 Hydronic Piping and Pumps**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0010	LF	3" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	79.95 23.96 9.04	11.76
23 21	13 23-0011	LF	4" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	113.92 35.58 10.19	14.10
23 21	13 23-0012	LF	5" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	173.42 55.96 12.14	18.02
23 21	13 23-0013	LF	6" Schedule 40 Threaded Black Steel Pipe With 150 Lb. Malleable Iron Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Schedule 80 Pipe With 300 Lb. Malleable Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	210.54 68.46 13.75	21.31
23 21	13 23-0014		<b>Threaded Black Steel Pipe And Fittings</b> (23 21 13 23-0001) Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21	13 23-0015		<b>Threaded And Coupled, Black Steel Piping</b> (23 21 13 23-0014) Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
23 21	13 23-0016	LF	3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	8.30 1.86 1.61	2.65
23 21	13 23-0017	LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.34 2.86 1.93	4.24
23 21	13 23-0018	LF	3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.22 3.56 2.05	4.55
23 21	13 23-0019	LF	1" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.90 4.57 2.22	4.98
23 21	13 23-0020	LF	1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.22 5.90 2.36	5.19
23 21	13 23-0021	LF	1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.83 7.05 2.77	6.15
23 21	13 23-0022	LF	2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.98 9.14 3.35	7.41
23 21	13 23-0023	LF	2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.40 13.99 3.98	8.79
23 21	13 23-0024	LF	3" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.54 18.36 5.30	11.76
23 21	13 23-0025	LF	4" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	76.32 26.92 6.36	14.10
23 21	13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.22 35.66 8.09	18.02
23 21	13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	128.50 46.66 9.57	21.31
23 21	13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	181.82 68.33 11.57	25.76
23 21	13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	249.90 95.97 14.13	31.38
23 21	13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Schedule 80 Pipe, Add</i> <i>For Work In Restricted Working Space, Add</i>	334.49 128.88 18.55	41.24
23 21	13 23-0031		<b>Black Malleable Iron 90 Degree Elbows</b> (23 21 13 23-0014)		
23 21	13 23-0032	EA	3/8", 150 Lb., Black Malleable Iron 90 Degree Elbow..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.29 15.21 0.09 7.06	15.69
23 21	13 23-0033	EA	1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.25 11.27 0.06 8.48	18.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0034 EA 3/4", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	36.43	21.09
For 300 Lb. Rating, Add	13.44	
For Standard Weight Cast Iron Fittings, Add	0.08	
For Work In Restricted Working Space, Add	9.49	
23 21 13 23-0035 EA 1", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	43.67	23.52
For 300 Lb. Rating, Add	22.16	
For Standard Weight Cast Iron Fittings, Add	0.13	
For Work In Restricted Working Space, Add	10.60	
23 21 13 23-0036 EA 1-1/4", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	53.76	26.70
For 300 Lb. Rating, Add	35.47	
For Standard Weight Cast Iron Fittings, Add	0.22	
For Work In Restricted Working Space, Add	11.99	
23 21 13 23-0037 EA 1-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	63.21	30.09
For 300 Lb. Rating, Add	46.22	
For Standard Weight Cast Iron Fittings, Add	0.29	
For Work In Restricted Working Space, Add	13.52	
23 21 13 23-0038 EA 2", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	88.54	38.25
For 300 Lb. Rating, Add	78.48	
For Standard Weight Cast Iron Fittings, Add	0.50	
For Work In Restricted Working Space, Add	17.18	
23 21 13 23-0039 EA 2-1/2", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	154.41	56.58
For 300 Lb. Rating, Add	172.25	
For Standard Weight Cast Iron Fittings, Add	1.11	
For Work In Restricted Working Space, Add	25.43	
23 21 13 23-0040 EA 3", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	213.44	74.38
For 300 Lb. Rating, Add	251.28	
For Standard Weight Cast Iron Fittings, Add	1.63	
For Work In Restricted Working Space, Add	33.46	
23 21 13 23-0041 EA 4", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	342.58	82.47
For 300 Lb. Rating, Add	532.80	
For Standard Weight Cast Iron Fittings, Add	3.50	
For Work In Restricted Working Space, Add	37.10	
23 21 13 23-0042 EA 5", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	768.71	86.07
For 300 Lb. Rating, Add	1,542.93	
For Standard Weight Cast Iron Fittings, Add	10.23	
For Work In Restricted Working Space, Add	38.72	
23 21 13 23-0043 EA 6", 150 Lb., Black Malleable Iron 90 Degree Elbow .....	873.82	90.00
For 300 Lb. Rating, Add	1,781.46	
For Standard Weight Cast Iron Fittings, Add	11.82	
For Work In Restricted Working Space, Add	40.48	
<b>23 21 13 23-0044 Black Malleable Iron Reducing 90 Degree Elbows (23 21 13 23-0014)</b>		
23 21 13 23-0045 EA 1/2" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	33.48	17.27
For 300 Lb. Rating, Add	19.77	
For Standard Weight Cast Iron Fittings, Add	0.12	
For Work In Restricted Working Space, Add	7.77	
23 21 13 23-0046 EA 3/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	37.76	19.92
For 300 Lb. Rating, Add	20.56	
For Standard Weight Cast Iron Fittings, Add	0.13	
For Work In Restricted Working Space, Add	8.98	
23 21 13 23-0047 EA 3/4" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	38.52	18.44
For 300 Lb. Rating, Add	27.89	
For Standard Weight Cast Iron Fittings, Add	0.17	
For Work In Restricted Working Space, Add	8.28	
23 21 13 23-0048 EA 1" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	43.51	22.35
For 300 Lb. Rating, Add	26.10	
For Standard Weight Cast Iron Fittings, Add	0.16	
For Work In Restricted Working Space, Add	10.04	
23 21 13 23-0049 EA 1" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	42.62	21.19
For 300 Lb. Rating, Add	27.92	
For Standard Weight Cast Iron Fittings, Add	0.17	
For Work In Restricted Working Space, Add	9.53	
23 21 13 23-0050 EA 1" x 3/8", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	50.77	19.60
For 300 Lb. Rating, Add	52.96	
For Standard Weight Cast Iron Fittings, Add	0.34	
For Work In Restricted Working Space, Add	8.83	
23 21 13 23-0051 EA 1-1/4" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	54.52	25.11
For 300 Lb. Rating, Add	42.75	
For Standard Weight Cast Iron Fittings, Add	0.27	
For Work In Restricted Working Space, Add	11.30	
23 21 13 23-0052 EA 1-1/4" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	54.63	23.84
For 300 Lb. Rating, Add	47.34	
For Standard Weight Cast Iron Fittings, Add	0.30	
For Work In Restricted Working Space, Add	10.74	
23 21 13 23-0053 EA 1-1/4" x 1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	56.12	22.78
For 300 Lb. Rating, Add	54.85	
For Standard Weight Cast Iron Fittings, Add	0.35	
For Work In Restricted Working Space, Add	10.24	
23 21 13 23-0054 EA 1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow .....	66.34	28.40
For 300 Lb. Rating, Add	59.70	
For Standard Weight Cast Iron Fittings, Add	0.38	
For Work In Restricted Working Space, Add	12.76	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0055	EA 1-1/2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	64.01	26.81
	<i>For 300 Lb. Rating, Add</i>	59.56	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.38	
	<i>For Work In Restricted Working Space, Add</i>	12.06	
23 21 13 23-0056	EA 1-1/2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	65.60	25.54
	<i>For 300 Lb. Rating, Add</i>	67.70	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.44	
	<i>For Work In Restricted Working Space, Add</i>	11.51	
23 21 13 23-0057	EA 2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	85.67	34.12
	<i>For 300 Lb. Rating, Add</i>	85.85	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.55	
	<i>For Work In Restricted Working Space, Add</i>	15.35	
23 21 13 23-0058	EA 2" x 1-1/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	87.82	32.42
	<i>For 300 Lb. Rating, Add</i>	97.00	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.63	
	<i>For Work In Restricted Working Space, Add</i>	14.59	
23 21 13 23-0059	EA 2" x 1", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	85.49	30.84
	<i>For 300 Lb. Rating, Add</i>	96.86	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.63	
	<i>For Work In Restricted Working Space, Add</i>	13.89	
23 21 13 23-0060	EA 2" x 3/4", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	86.01	29.67
	<i>For 300 Lb. Rating, Add</i>	102.41	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.66	
	<i>For Work In Restricted Working Space, Add</i>	13.34	
23 21 13 23-0061	EA 2-1/2" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	165.68	47.36
	<i>For 300 Lb. Rating, Add</i>	231.45	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	1.51	
	<i>For Work In Restricted Working Space, Add</i>	21.31	
23 21 13 23-0062	EA 2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	165.17	43.34
	<i>For 300 Lb. Rating, Add</i>	244.47	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	1.60	
	<i>For Work In Restricted Working Space, Add</i>	19.48	
23 21 13 23-0063	EA 3" x 2-1/2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	275.30	65.48
	<i>For 300 Lb. Rating, Add</i>	431.07	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	2.83	
	<i>For Work In Restricted Working Space, Add</i>	29.44	
23 21 13 23-0064	EA 3" x 2", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	237.44	56.26
	<i>For 300 Lb. Rating, Add</i>	372.36	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	2.45	
	<i>For Work In Restricted Working Space, Add</i>	25.32	
23 21 13 23-0065	EA 4" x 3", 150 Lb., Black Malleable Iron Reducing 90 Degree Elbow.....	420.41	78.44
	<i>For 300 Lb. Rating, Add</i>	733.73	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	4.84	
	<i>For Work In Restricted Working Space, Add</i>	35.29	
<b>23 21 13 23-0066</b>	<b>Black Malleable Iron 45 Degree Elbows</b> <small>(23 21 13 23-0014)</small>		
23 21 13 23-0067	EA 3/8", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	32.21	15.69
	<i>For 300 Lb. Rating, Add</i>	22.22	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
	<i>For Work In Restricted Working Space, Add</i>	7.06	
23 21 13 23-0068	EA 1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	34.85	18.86
	<i>For 300 Lb. Rating, Add</i>	17.51	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
	<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-0069	EA 3/4", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	39.77	21.09
	<i>For 300 Lb. Rating, Add</i>	21.46	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.13	
	<i>For Work In Restricted Working Space, Add</i>	9.49	
23 21 13 23-0070	EA 1", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	45.57	23.52
	<i>For 300 Lb. Rating, Add</i>	26.72	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.16	
	<i>For Work In Restricted Working Space, Add</i>	10.60	
23 21 13 23-0071	EA 1-1/4", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	58.12	26.70
	<i>For 300 Lb. Rating, Add</i>	45.93	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.29	
	<i>For Work In Restricted Working Space, Add</i>	11.99	
23 21 13 23-0072	EA 1-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	67.53	30.09
	<i>For 300 Lb. Rating, Add</i>	56.58	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.36	
	<i>For Work In Restricted Working Space, Add</i>	13.52	
23 21 13 23-0073	EA 2", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	91.21	38.25
	<i>For 300 Lb. Rating, Add</i>	84.89	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	0.54	
	<i>For Work In Restricted Working Space, Add</i>	17.18	
23 21 13 23-0074	EA 2-1/2", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	182.97	56.58
	<i>For 300 Lb. Rating, Add</i>	240.79	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	1.57	
	<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 13 23-0075	EA 3", 150 Lb., Black Malleable Iron 45 Degree Elbow.....	239.09	74.38
	<i>For 300 Lb. Rating, Add</i>	312.84	
	<i>For Standard Weight Cast Iron Fittings, Add</i>	2.04	
	<i>For Work In Restricted Working Space, Add</i>	33.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0076 EA 4", 150 Lb., Black Malleable Iron 45 Degree Elbow .....	373.81	82.47
<i>For 300 Lb. Rating, Add</i>	607.76	
<i>For Standard Weight Cast Iron Fittings, Add</i>	4.00	
<i>For Work In Restricted Working Space, Add</i>	37.10	
23 21 13 23-0077 EA 5", 150 Lb., Black Malleable Iron 45 Degree Elbow .....	1,117.12	86.07
<i>For 300 Lb. Rating, Add</i>	2,379.11	
<i>For Standard Weight Cast Iron Fittings, Add</i>	15.81	
<i>For Work In Restricted Working Space, Add</i>	38.72	
23 21 13 23-0078 EA 6", 150 Lb., Black Malleable Iron 45 Degree Elbow .....	1,145.83	90.00
<i>For 300 Lb. Rating, Add</i>	2,434.28	
<i>For Standard Weight Cast Iron Fittings, Add</i>	16.17	
<i>For Work In Restricted Working Space, Add</i>	40.48	
<b>23 21 13 23-0079 Black Malleable Iron Tees</b> <small>(23 21 13 23-0014)</small>		
23 21 13 23-0080 EA 3/8", 150 Lb., Black Malleable Iron Tee .....	37.78	19.39
<i>For 300 Lb. Rating, Add</i>	21.81	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.13	
<i>For Work In Restricted Working Space, Add</i>	8.83	
23 21 13 23-0081 EA 1/2", 150 Lb., Black Malleable Iron Tee .....	40.66	23.52
<i>For 300 Lb. Rating, Add</i>	14.94	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.09	
<i>For Work In Restricted Working Space, Add</i>	10.60	
23 21 13 23-0082 EA 3/4", 150 Lb., Black Malleable Iron Tee .....	48.40	27.23
<i>For 300 Lb. Rating, Add</i>	20.81	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.12	
<i>For Work In Restricted Working Space, Add</i>	12.23	
23 21 13 23-0083 EA 1", 150 Lb., Black Malleable Iron Tee .....	61.27	32.11
<i>For 300 Lb. Rating, Add</i>	34.35	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.21	
<i>For Work In Restricted Working Space, Add</i>	14.45	
23 21 13 23-0084 EA 1-1/4", 150 Lb., Black Malleable Iron Tee .....	78.49	38.25
<i>For 300 Lb. Rating, Add</i>	54.36	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.34	
<i>For Work In Restricted Working Space, Add</i>	17.18	
23 21 13 23-0085 EA 1-1/2", 150 Lb., Black Malleable Iron Tee .....	94.74	45.56
<i>For 300 Lb. Rating, Add</i>	67.44	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.42	
<i>For Work In Restricted Working Space, Add</i>	20.51	
23 21 13 23-0086 EA 2", 150 Lb., Black Malleable Iron Tee .....	129.75	56.58
<i>For 300 Lb. Rating, Add</i>	113.06	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.72	
<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 13 23-0087 EA 2-1/2", 150 Lb., Black Malleable Iron Tee .....	208.51	74.38
<i>For 300 Lb. Rating, Add</i>	239.44	
<i>For Standard Weight Cast Iron Fittings, Add</i>	1.55	
<i>For Work In Restricted Working Space, Add</i>	33.46	
23 21 13 23-0088 EA 3", 150 Lb., Black Malleable Iron Tee .....	275.30	88.36
<i>For 300 Lb. Rating, Add</i>	350.79	
<i>For Standard Weight Cast Iron Fittings, Add</i>	2.29	
<i>For Work In Restricted Working Space, Add</i>	39.74	
23 21 13 23-0089 EA 4", 150 Lb., Black Malleable Iron Tee .....	501.49	104.21
<i>For 300 Lb. Rating, Add</i>	838.02	
<i>For Standard Weight Cast Iron Fittings, Add</i>	5.52	
<i>For Work In Restricted Working Space, Add</i>	46.87	
23 21 13 23-0090 EA 5", 150 Lb., Black Malleable Iron Tee .....	1,231.79	123.71
<i>For 300 Lb. Rating, Add</i>	2,522.20	
<i>For Standard Weight Cast Iron Fittings, Add</i>	16.74	
<i>For Work In Restricted Working Space, Add</i>	55.65	
23 21 13 23-0091 EA 6", 150 Lb., Black Malleable Iron Tee .....	1,334.86	141.41
<i>For 300 Lb. Rating, Add</i>	2,707.56	
<i>For Standard Weight Cast Iron Fittings, Add</i>	17.97	
<i>For Work In Restricted Working Space, Add</i>	63.60	
<b>23 21 13 23-0092 Black Malleable Iron Reducing Tees</b> <small>(23 21 13 23-0014)</small>		
23 21 13 23-0093 EA 1/2", 150 Lb., Black Malleable Iron Reducing Tee .....	44.39	23.52
<i>For 300 Lb. Rating, Add</i>	23.89	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.15	
<i>For Work In Restricted Working Space, Add</i>	10.60	
23 21 13 23-0094 EA 3/4", 150 Lb., Black Malleable Iron Reducing Tee .....	52.59	27.23
<i>For 300 Lb. Rating, Add</i>	30.86	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
<i>For Work In Restricted Working Space, Add</i>	12.23	
23 21 13 23-0095 EA 1", 150 Lb., Black Malleable Iron Reducing Tee .....	63.09	32.11
<i>For 300 Lb. Rating, Add</i>	38.72	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.24	
<i>For Work In Restricted Working Space, Add</i>	14.45	
23 21 13 23-0096 EA 1-1/4", 150 Lb., Black Malleable Iron Reducing Tee .....	86.62	38.25
<i>For 300 Lb. Rating, Add</i>	73.88	
<i>For Standard Weight Cast Iron Fittings, Add</i>	0.47	
<i>For Work In Restricted Working Space, Add</i>	17.18	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0097	EA 1-1/2", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	100.87 82.15 0.52 20.51	45.56
23 21 13 23-0098	EA 2", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	131.97 118.39 0.76 25.43	56.58
23 21 13 23-0099	EA 2-1/2", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.64 359.76 2.35 33.46	74.38
23 21 13 23-0100	EA 3", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	300.94 412.32 2.70 39.74	88.36
23 21 13 23-0101	EA 4", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	564.86 990.11 6.54 46.87	104.21
23 21 13 23-0102	EA 5", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,133.33 2,285.90 15.17 55.65	123.71
23 21 13 23-0103	EA 6", 150 Lb., Black Malleable Iron Reducing Tee ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,287.06 2,592.84 17.20 63.60	141.41
<b>23 21 13 23-0104</b>	<b>Black Malleable Iron Couplings (23 21 13 23-0014)</b>		
23 21 13 23-0105	EA 3/8", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.70 18.60 0.11 7.06	15.69
23 21 13 23-0106	EA 1/2", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.77 14.92 0.09 8.48	18.86
23 21 13 23-0107	EA 3/4", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.08 17.40 0.10 9.49	21.09
23 21 13 23-0108	EA 1", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	44.99 25.33 0.15 10.60	23.52
23 21 13 23-0109	EA 1-1/4", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	52.50 32.45 0.20 11.99	26.70
23 21 13 23-0110	EA 1-1/2", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	62.00 43.31 0.27 13.52	30.09
23 21 13 23-0111	EA 2", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	82.35 63.63 0.40 17.18	38.25
23 21 13 23-0112	EA 2-1/2", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.96 171.17 1.11 25.43	56.58
23 21 13 23-0113	EA 3", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	205.09 231.24 1.50 33.46	74.38
23 21 13 23-0114	EA 4", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	312.09 459.63 3.01 37.10	82.47
23 21 13 23-0115	EA 5", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	659.60 1,281.06 8.49 38.72	86.07
23 21 13 23-0116	EA 6", 150 Lb., Black Malleable Iron Coupling ..... <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	739.34 1,458.70 9.67 40.48	90.00

**23 21 13 23-0117 Black Malleable Iron Reducing Couplings (23 21 13 23-0014)**





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0118	EA	1/2", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.10 18.11 0.11 8.48	18.86
23 21	13 23-0119	EA	3/4", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.87 19.30 0.12 9.49	21.09
23 21	13 23-0120	EA	1", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.60 29.19 0.18 10.60	23.52
23 21	13 23-0121	EA	1-1/4", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	54.49 37.22 0.23 11.99	26.70
23 21	13 23-0122	EA	1-1/2", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.42 46.72 0.29 13.52	30.09
23 21	13 23-0123	EA	2", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	83.84 67.20 0.43 17.18	38.25
23 21	13 23-0124	EA	2-1/2", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	163.30 193.58 1.26 25.43	56.58
23 21	13 23-0125	EA	3", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	207.00 235.82 1.53 33.46	74.38
23 21	13 23-0126	EA	4", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	315.03 466.68 3.06 37.10	82.47
23 21	13 23-0127	EA	5", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	559.16 1,040.01 6.88 38.72	86.07
23 21	13 23-0128	EA	6", 150 Lb., Black Malleable Iron Reducing Coupling <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	687.36 1,333.95 8.84 40.48	90.00
<b>23 21 13 23-0129 Black Malleable Iron Caps (23 21 13 23-0014)</b>					
23 21	13 23-0130	EA	1/2", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.75 10.46 0.06 3.81	8.37
23 21	13 23-0131	EA	3/4", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.68 13.96 0.09 4.27	9.43
23 21	13 23-0132	EA	1", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.51 16.82 0.11 4.77	10.49
23 21	13 23-0133	EA	1-1/4", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.69 21.96 0.14 5.40	11.87
23 21	13 23-0134	EA	1-1/2", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.25 29.92 0.19 6.09	13.35
23 21	13 23-0135	EA	2", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	43.23 43.45 0.28 7.73	17.06
23 21	13 23-0136	EA	2-1/2", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	78.19 98.41 0.64 11.44	25.22
23 21	13 23-0137	EA	3", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	109.25 144.76 0.94 15.06	33.16
23 21	13 23-0138	EA	4", 150 Lb., Black Malleable Iron Cap <i>For 300 Lb. Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.93 246.41 1.62 16.70	36.78



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-0139	EA	5", 150 Lb., Black Malleable Iron Cap	.....	299.47	38.37
		<i>For 300 Lb. Rating, Add</i>		582.84	
		<i>For Standard Weight Cast Iron Fittings, Add</i>		3.86	
		<i>For Work In Restricted Working Space, Add</i>		17.42	
23 21 13 23-0140	EA	6", 150 Lb., Black Malleable Iron Cap	.....	503.21	40.07
		<i>For 300 Lb. Rating, Add</i>		1,065.64	
		<i>For Standard Weight Cast Iron Fittings, Add</i>		7.08	
		<i>For Work In Restricted Working Space, Add</i>		18.21	
<b>23 21 13 23-0141 Black Malleable Iron Unions (23 21 13 23-0014)</b>					
23 21 13 23-0142	EA	3/8", 150 Lb., Black Malleable Iron Union	.....	42.88	15.69
		<i>For Work In Restricted Working Space, Add</i>		7.06	
23 21 13 23-0143	EA	1/2", 150 Lb., Black Malleable Iron Union	.....	52.82	23.52
		<i>For Work In Restricted Working Space, Add</i>		10.60	
23 21 13 23-0144	EA	3/4", 150 Lb., Black Malleable Iron Union	.....	60.87	27.23
		<i>For Work In Restricted Working Space, Add</i>		12.23	
23 21 13 23-0145	EA	1", 150 Lb., Black Malleable Iron Union	.....	74.39	32.11
		<i>For Work In Restricted Working Space, Add</i>		14.45	
23 21 13 23-0146	EA	1-1/4", 150 Lb., Black Malleable Iron Union	.....	94.89	38.25
		<i>For Work In Restricted Working Space, Add</i>		17.18	
23 21 13 23-0147	EA	1-1/2", 150 Lb., Black Malleable Iron Union	.....	115.25	45.56
		<i>For Work In Restricted Working Space, Add</i>		20.51	
23 21 13 23-0148	EA	2", 150 Lb., Black Malleable Iron Union	.....	139.30	56.58
		<i>For Work In Restricted Working Space, Add</i>		25.43	
23 21 13 23-0149	EA	2-1/2", 150 Lb., Black Malleable Iron Union	.....	287.59	83.38
		<i>For Work In Restricted Working Space, Add</i>		37.54	
23 21 13 23-0150	EA	3", 150 Lb., Black Malleable Iron Union	.....	360.23	109.66
		<i>For Work In Restricted Working Space, Add</i>		49.39	
23 21 13 23-0151	EA	3/8", 250 Lb., Black Malleable Iron Union	.....	49.10	15.69
		<i>For Work In Restricted Working Space, Add</i>		7.06	
23 21 13 23-0152	EA	1/2", 250 Lb., Black Malleable Iron Union	.....	64.63	23.52
		<i>For Work In Restricted Working Space, Add</i>		10.59	
23 21 13 23-0153	EA	3/4", 250 Lb., Black Malleable Iron Union	.....	69.59	27.23
		<i>For Work In Restricted Working Space, Add</i>		12.23	
23 21 13 23-0154	EA	1", 250 Lb., Black Malleable Iron Union	.....	83.54	32.11
		<i>For Work In Restricted Working Space, Add</i>		14.45	
23 21 13 23-0155	EA	1-1/4", 250 Lb., Black Malleable Iron Union	.....	116.65	38.25
		<i>For Work In Restricted Working Space, Add</i>		17.18	
23 21 13 23-0156	EA	1-1/2", 250 Lb., Black Malleable Iron Union	.....	136.72	45.56
		<i>For Work In Restricted Working Space, Add</i>		20.51	
23 21 13 23-0157	EA	2", 250 Lb., Black Malleable Iron Union	.....	172.46	56.58
		<i>For Work In Restricted Working Space, Add</i>		25.43	
23 21 13 23-0158	EA	2-1/2", 250 Lb., Black Malleable Iron Union	.....	400.02	83.38
		<i>For Work In Restricted Working Space, Add</i>		37.54	
23 21 13 23-0159	EA	3", 250 Lb., Black Malleable Iron Union	.....	486.35	109.66
		<i>For Work In Restricted Working Space, Add</i>		49.39	
23 21 13 23-0160	EA	4", 250 Lb., Black Malleable Iron Union	.....	752.81	121.69
		<i>For Work In Restricted Working Space, Add</i>		54.77	
23 21 13 23-0161	EA	3/8", 300 Lb., Black Malleable Iron Union	.....	65.01	15.69
		<i>For Work In Restricted Working Space, Add</i>		7.06	
23 21 13 23-0162	EA	1/2", 300 Lb., Black Malleable Iron Union	.....	68.86	23.52
		<i>For Work In Restricted Working Space, Add</i>		10.59	
23 21 13 23-0163	EA	3/4", 300 Lb., Black Malleable Iron Union	.....	77.90	27.23
		<i>For Work In Restricted Working Space, Add</i>		12.23	
23 21 13 23-0164	EA	1", 300 Lb., Black Malleable Iron Union	.....	96.66	32.11
		<i>For Work In Restricted Working Space, Add</i>		14.45	
23 21 13 23-0165	EA	1-1/4", 300 Lb., Black Malleable Iron Union	.....	136.39	38.25
		<i>For Work In Restricted Working Space, Add</i>		17.18	
23 21 13 23-0166	EA	1-1/2", 300 Lb., Black Malleable Iron Union	.....	151.22	45.56
		<i>For Work In Restricted Working Space, Add</i>		20.51	
23 21 13 23-0167	EA	2", 300 Lb., Black Malleable Iron Union	.....	187.39	56.58
		<i>For Work In Restricted Working Space, Add</i>		25.43	
23 21 13 23-0168	EA	2-1/2", 300 Lb., Black Malleable Iron Union	.....	456.02	83.38
		<i>For Work In Restricted Working Space, Add</i>		37.54	
23 21 13 23-0169	EA	3", 300 Lb., Black Malleable Iron Union	.....	592.71	109.66
		<i>For Work In Restricted Working Space, Add</i>		49.39	
23 21 13 23-0170	EA	4", 300 Lb., Black Malleable Iron Union	.....	1,541.21	121.69
		<i>For Work In Restricted Working Space, Add</i>		54.77	
<b>23 21 13 23-0171 Black Steel Nipples (23 21 13 23-0014)</b>					
23 21 13 23-0172	EA	3/8" x Close, Schedule 40 Black Steel Nipple	.....	20.64	10.06
		<i>For Schedule 80 Nipples, Add</i>		2.76	
		<i>For Work In Restricted Working Space, Add</i>		4.54	
23 21 13 23-0173	EA	1/2" x Close, Schedule 40 Black Steel Nipple	.....	19.78	10.06
		<i>For Schedule 80 Nipples, Add</i>		2.33	
		<i>For Work In Restricted Working Space, Add</i>		4.54	
23 21 13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple	.....	20.47	10.06
		<i>For Schedule 80 Nipples, Add</i>		2.67	
		<i>For Work In Restricted Working Space, Add</i>		4.54	
23 21 13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple	.....	24.05	10.91
		<i>For Schedule 80 Nipples, Add</i>		3.88	
		<i>For Work In Restricted Working Space, Add</i>		4.89	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0176 EA 1-1/4" x Close, Schedule 40 Black Steel Nipple .....	27.48	11.76
For Schedule 80 Nipples, Add	4.91	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0177 EA 1-1/2" x Close, Schedule 40 Black Steel Nipple .....	29.89	11.76
For Schedule 80 Nipples, Add	6.12	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0178 EA 2" x Close, Schedule 40 Black Steel Nipple.....	39.44	15.15
For Schedule 80 Nipples, Add	8.33	
For Work In Restricted Working Space, Add	6.84	
23 21 13 23-0179 EA 2-1/2" x Close, Schedule 40 Black Steel Nipple .....	80.40	18.86
For Schedule 80 Nipples, Add	26.07	
For Work In Restricted Working Space, Add	8.48	
23 21 13 23-0180 EA 3" x Close, Schedule 40 Black Steel Nipple.....	96.14	22.78
For Schedule 80 Nipples, Add	30.98	
For Work In Restricted Working Space, Add	10.25	
23 21 13 23-0181 EA 4" x Close, Schedule 40 Black Steel Nipple.....	135.73	28.30
For Schedule 80 Nipples, Add	46.66	
For Work In Restricted Working Space, Add	12.72	
23 21 13 23-0182 EA 3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple .....	21.39	10.06
For Schedule 80 Nipples, Add	3.13	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0183 EA 1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple .....	19.78	10.06
For Schedule 80 Nipples, Add	2.33	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0184 EA 3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple .....	20.87	10.06
For Schedule 80 Nipples, Add	2.87	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0185 EA 3/8" x 2" Long, Schedule 40 Black Steel Nipple.....	21.39	10.06
For Schedule 80 Nipples, Add	3.13	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0186 EA 1/2" x 2" Long, Schedule 40 Black Steel Nipple.....	19.78	10.06
For Schedule 80 Nipples, Add	2.33	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0187 EA 3/4" x 2" Long, Schedule 40 Black Steel Nipple.....	20.87	10.06
For Schedule 80 Nipples, Add	2.87	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0188 EA 1" x 2" Long, Schedule 40 Black Steel Nipple.....	24.80	10.91
For Schedule 80 Nipples, Add	4.25	
For Work In Restricted Working Space, Add	4.89	
23 21 13 23-0189 EA 1-1/4" x 2" Long, Schedule 40 Black Steel Nipple .....	28.80	11.76
For Schedule 80 Nipples, Add	5.57	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0190 EA 1-1/2" x 2" Long, Schedule 40 Black Steel Nipple .....	30.87	11.76
For Schedule 80 Nipples, Add	6.61	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0191 EA 3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	23.17	10.06
For Schedule 80 Nipples, Add	4.02	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0192 EA 1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	20.64	10.06
For Schedule 80 Nipples, Add	2.76	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0193 EA 3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	21.62	10.06
For Schedule 80 Nipples, Add	3.25	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0194 EA 1" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	25.32	10.91
For Schedule 80 Nipples, Add	4.51	
For Work In Restricted Working Space, Add	4.89	
23 21 13 23-0195 EA 1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	29.49	11.76
For Schedule 80 Nipples, Add	5.92	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0196 EA 1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	32.42	11.76
For Schedule 80 Nipples, Add	7.38	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0197 EA 2" x 2-1/2" Long, Schedule 40 Black Steel Nipple .....	41.91	15.15
For Schedule 80 Nipples, Add	9.56	
For Work In Restricted Working Space, Add	6.84	
23 21 13 23-0198 EA 3/8" x 3" Long, Schedule 40 Black Steel Nipple.....	23.17	10.06
For Schedule 80 Nipples, Add	4.02	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0199 EA 1/2" x 3" Long, Schedule 40 Black Steel Nipple.....	20.64	10.06
For Schedule 80 Nipples, Add	2.76	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0200 EA 3/4" x 3" Long, Schedule 40 Black Steel Nipple.....	21.62	10.06
For Schedule 80 Nipples, Add	3.25	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0201 EA 1" x 3" Long, Schedule 40 Black Steel Nipple.....	25.32	10.91
For Schedule 80 Nipples, Add	4.51	
For Work In Restricted Working Space, Add	4.89	
23 21 13 23-0202 EA 1-1/4" x 3" Long, Schedule 40 Black Steel Nipple .....	29.49	11.76
For Schedule 80 Nipples, Add	5.92	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0203 EA 1-1/2" x 3" Long, Schedule 40 Black Steel Nipple .....	32.42	11.76
For Schedule 80 Nipples, Add	7.38	
For Work In Restricted Working Space, Add	5.30	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0204	EA	2" x 3" Long, Schedule 40 Black Steel Nipple.....	41.91	15.15
			<i>For Schedule 80 Nipples, Add</i>	9.56	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-0205	EA	2-1/2" x 3" Long, Schedule 40 Black Steel Nipple .....	81.78	18.86
			<i>For Schedule 80 Nipples, Add</i>	26.76	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21	13 23-0206	EA	3" x 3" Long, Schedule 40 Black Steel Nipple.....	101.54	22.78
			<i>For Schedule 80 Nipples, Add</i>	33.68	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21	13 23-0207	EA	3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	24.61	10.06
			<i>For Schedule 80 Nipples, Add</i>	4.74	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0208	EA	1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	21.73	10.06
			<i>For Schedule 80 Nipples, Add</i>	3.30	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0209	EA	3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple.....	23.17	10.06
			<i>For Schedule 80 Nipples, Add</i>	4.02	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0210	EA	1" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	27.44	10.91
			<i>For Schedule 80 Nipples, Add</i>	5.57	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 21	13 23-0211	EA	1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	31.67	11.76
			<i>For Schedule 80 Nipples, Add</i>	7.01	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21	13 23-0212	EA	1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	34.20	11.76
			<i>For Schedule 80 Nipples, Add</i>	8.27	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21	13 23-0213	EA	2" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	45.93	15.15
			<i>For Schedule 80 Nipples, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-0214	EA	2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	91.20	18.86
			<i>For Schedule 80 Nipples, Add</i>	31.47	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21	13 23-0215	EA	3" x 3-1/2" Long, Schedule 40 Black Steel Nipple .....	113.94	22.78
			<i>For Schedule 80 Nipples, Add</i>	39.88	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21	13 23-0216	EA	3/8" x 4" Long, Schedule 40 Black Steel Nipple.....	24.61	10.06
			<i>For Schedule 80 Nipples, Add</i>	4.74	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0217	EA	1/2" x 4" Long, Schedule 40 Black Steel Nipple.....	21.73	10.06
			<i>For Schedule 80 Nipples, Add</i>	3.30	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0218	EA	3/4" x 4" Long, Schedule 40 Black Steel Nipple.....	23.17	10.06
			<i>For Schedule 80 Nipples, Add</i>	4.02	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0219	EA	1" x 4" Long, Schedule 40 Black Steel Nipple.....	27.44	10.91
			<i>For Schedule 80 Nipples, Add</i>	5.57	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 21	13 23-0220	EA	1-1/4" x 4" Long, Schedule 40 Black Steel Nipple .....	31.67	11.76
			<i>For Schedule 80 Nipples, Add</i>	7.01	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21	13 23-0221	EA	1-1/2" x 4" Long, Schedule 40 Black Steel Nipple .....	34.20	11.76
			<i>For Schedule 80 Nipples, Add</i>	8.27	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21	13 23-0222	EA	2" x 4" Long, Schedule 40 Black Steel Nipple.....	45.93	15.15
			<i>For Schedule 80 Nipples, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-0223	EA	2-1/2" x 4" Long, Schedule 40 Black Steel Nipple .....	91.20	18.86
			<i>For Schedule 80 Nipples, Add</i>	31.47	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21	13 23-0224	EA	3" x 4" Long, Schedule 40 Black Steel Nipple.....	113.94	22.78
			<i>For Schedule 80 Nipples, Add</i>	39.88	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21	13 23-0225	EA	4" x 4" Long, Schedule 40 Black Steel Nipple.....	150.37	28.30
			<i>For Schedule 80 Nipples, Add</i>	53.98	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
23 21	13 23-0226	EA	3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	28.80	10.06
			<i>For Schedule 80 Nipples, Add</i>	6.84	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0227	EA	1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	22.88	10.06
			<i>For Schedule 80 Nipples, Add</i>	3.88	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0228	EA	3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	25.24	10.06
			<i>For Schedule 80 Nipples, Add</i>	5.06	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21	13 23-0229	EA	1" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	29.51	10.91
			<i>For Schedule 80 Nipples, Add</i>	6.61	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 21	13 23-0230	EA	1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	34.43	11.76
			<i>For Schedule 80 Nipples, Add</i>	8.39	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21	13 23-0231	EA	1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	37.87	11.76
			<i>For Schedule 80 Nipples, Add</i>	10.11	
			<i>For Work In Restricted Working Space, Add</i>	5.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0232 EA 2" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	49.44	15.15
For Schedule 80 Nipples, Add	13.33	
For Work In Restricted Working Space, Add	6.84	
23 21 13 23-0233 EA 2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	97.40	18.86
For Schedule 80 Nipples, Add	34.57	
For Work In Restricted Working Space, Add	8.48	
23 21 13 23-0234 EA 3" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	122.15	22.78
For Schedule 80 Nipples, Add	43.99	
For Work In Restricted Working Space, Add	10.25	
23 21 13 23-0235 EA 4" x 4-1/2" Long, Schedule 40 Black Steel Nipple .....	165.76	28.30
For Schedule 80 Nipples, Add	61.68	
For Work In Restricted Working Space, Add	12.72	
23 21 13 23-0236 EA 3/8" x 5" Long, Schedule 40 Black Steel Nipple.....	28.80	10.06
For Schedule 80 Nipples, Add	6.84	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0237 EA 1/2" x 5" Long, Schedule 40 Black Steel Nipple.....	22.88	10.06
For Schedule 80 Nipples, Add	3.88	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0238 EA 3/4" x 5" Long, Schedule 40 Black Steel Nipple.....	25.24	10.06
For Schedule 80 Nipples, Add	5.06	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0239 EA 1" x 5" Long, Schedule 40 Black Steel Nipple.....	29.51	10.91
For Schedule 80 Nipples, Add	6.61	
For Work In Restricted Working Space, Add	4.89	
23 21 13 23-0240 EA 1-1/4" x 5" Long, Schedule 40 Black Steel Nipple .....	34.43	11.76
For Schedule 80 Nipples, Add	8.39	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0241 EA 1-1/2" x 5" Long, Schedule 40 Black Steel Nipple .....	37.87	11.76
For Schedule 80 Nipples, Add	10.11	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0242 EA 2" x 5" Long, Schedule 40 Black Steel Nipple.....	49.44	15.15
For Schedule 80 Nipples, Add	13.33	
For Work In Restricted Working Space, Add	6.84	
23 21 13 23-0243 EA 2-1/2" x 5" Long, Schedule 40 Black Steel Nipple .....	97.40	18.86
For Schedule 80 Nipples, Add	34.57	
For Work In Restricted Working Space, Add	8.48	
23 21 13 23-0244 EA 3" x 5" Long, Schedule 40 Black Steel Nipple.....	122.15	22.78
For Schedule 80 Nipples, Add	43.99	
For Work In Restricted Working Space, Add	10.25	
23 21 13 23-0245 EA 4" x 5" Long, Schedule 40 Black Steel Nipple.....	165.76	28.30
For Schedule 80 Nipples, Add	61.68	
For Work In Restricted Working Space, Add	12.72	
23 21 13 23-0246 EA 3/8" x 6" Long, Schedule 40 Black Steel Nipple.....	30.35	10.06
For Schedule 80 Nipples, Add	7.61	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0247 EA 1/2" x 6" Long, Schedule 40 Black Steel Nipple.....	23.80	10.06
For Schedule 80 Nipples, Add	4.34	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0248 EA 3/4" x 6" Long, Schedule 40 Black Steel Nipple.....	26.61	10.06
For Schedule 80 Nipples, Add	5.74	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0249 EA 1" x 6" Long, Schedule 40 Black Steel Nipple.....	31.92	10.91
For Schedule 80 Nipples, Add	7.81	
For Work In Restricted Working Space, Add	4.89	
23 21 13 23-0250 EA 1-1/4" x 6" Long, Schedule 40 Black Steel Nipple .....	37.53	11.76
For Schedule 80 Nipples, Add	9.94	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0251 EA 1-1/2" x 6" Long, Schedule 40 Black Steel Nipple .....	40.86	11.76
For Schedule 80 Nipples, Add	11.60	
For Work In Restricted Working Space, Add	5.30	
23 21 13 23-0252 EA 2" x 6" Long, Schedule 40 Black Steel Nipple.....	54.03	15.15
For Schedule 80 Nipples, Add	15.62	
For Work In Restricted Working Space, Add	6.84	
23 21 13 23-0253 EA 2-1/2" x 6" Long, Schedule 40 Black Steel Nipple .....	100.33	18.86
For Schedule 80 Nipples, Add	36.04	
For Work In Restricted Working Space, Add	8.48	
23 21 13 23-0254 EA 3" x 6" Long, Schedule 40 Black Steel Nipple.....	129.79	22.78
For Schedule 80 Nipples, Add	47.81	
For Work In Restricted Working Space, Add	10.25	
23 21 13 23-0255 EA 4" x 6" Long, Schedule 40 Black Steel Nipple.....	174.26	28.30
For Schedule 80 Nipples, Add	65.93	
For Work In Restricted Working Space, Add	12.72	
23 21 13 23-0256 EA 3/8" x 8" Long, Schedule 40 Black Steel Nipple.....	41.83	10.06
For Schedule 80 Nipples, Add	13.35	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0257 EA 1/2" x 8" Long, Schedule 40 Black Steel Nipple.....	30.75	10.06
For Schedule 80 Nipples, Add	7.81	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0258 EA 3/4" x 8" Long, Schedule 40 Black Steel Nipple.....	34.25	10.06
For Schedule 80 Nipples, Add	9.56	
For Work In Restricted Working Space, Add	4.54	
23 21 13 23-0259 EA 1" x 8" Long, Schedule 40 Black Steel Nipple.....	41.85	10.91
For Schedule 80 Nipples, Add	12.78	
For Work In Restricted Working Space, Add	4.89	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0260	EA		1-1/4" x 8" Long, Schedule 40 Black Steel Nipple .....	49.76	11.76
			<i>For Schedule 80 Nipples, Add</i>	16.05	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0261	EA		1-1/2" x 8" Long, Schedule 40 Black Steel Nipple .....	54.47	11.76
			<i>For Schedule 80 Nipples, Add</i>	18.41	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0262	EA		2" x 8" Long, Schedule 40 Black Steel Nipple.....	75.16	15.15
			<i>For Schedule 80 Nipples, Add</i>	26.19	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21 13 23-0263	EA		2-1/2" x 8" Long, Schedule 40 Black Steel Nipple .....	119.97	18.86
			<i>For Schedule 80 Nipples, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-0264	EA		3" x 8" Long, Schedule 40 Black Steel Nipple.....	163.16	22.78
			<i>For Schedule 80 Nipples, Add</i>	64.49	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21 13 23-0265	EA		4" x 8" Long, Schedule 40 Black Steel Nipple.....	194.59	28.30
			<i>For Schedule 80 Nipples, Add</i>	76.09	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
23 21 13 23-0266	EA		3/8" x 10" Long, Schedule 40 Black Steel Nipple.....	45.11	10.06
			<i>For Schedule 80 Nipples, Add</i>	14.99	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0267	EA		1/2" x 10" Long, Schedule 40 Black Steel Nipple.....	33.91	10.06
			<i>For Schedule 80 Nipples, Add</i>	9.39	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0268	EA		3/4" x 10" Long, Schedule 40 Black Steel Nipple.....	37.35	10.06
			<i>For Schedule 80 Nipples, Add</i>	11.11	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0269	EA		1" x 10" Long, Schedule 40 Black Steel Nipple.....	46.16	10.91
			<i>For Schedule 80 Nipples, Add</i>	14.93	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 21 13 23-0270	EA		1-1/4" x 10" Long, Schedule 40 Black Steel Nipple .....	56.13	11.76
			<i>For Schedule 80 Nipples, Add</i>	19.24	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0271	EA		1-1/2" x 10" Long, Schedule 40 Black Steel Nipple .....	60.73	11.76
			<i>For Schedule 80 Nipples, Add</i>	21.54	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0272	EA		2" x 10" Long, Schedule 40 Black Steel Nipple.....	84.35	15.15
			<i>For Schedule 80 Nipples, Add</i>	30.78	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21 13 23-0273	EA		2-1/2" x 10" Long, Schedule 40 Black Steel Nipple .....	131.28	18.86
			<i>For Schedule 80 Nipples, Add</i>	51.51	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-0274	EA		3" x 10" Long, Schedule 40 Black Steel Nipple.....	179.06	22.78
			<i>For Schedule 80 Nipples, Add</i>	72.44	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21 13 23-0275	EA		4" x 10" Long, Schedule 40 Black Steel Nipple.....	215.72	28.30
			<i>For Schedule 80 Nipples, Add</i>	86.66	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
23 21 13 23-0276	EA		3/8" x 12" Long, Schedule 40 Black Steel Nipple.....	49.24	10.06
			<i>For Schedule 80 Nipples, Add</i>	17.06	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0277	EA		1/2" x 12" Long, Schedule 40 Black Steel Nipple.....	37.41	10.06
			<i>For Schedule 80 Nipples, Add</i>	11.14	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0278	EA		3/4" x 12" Long, Schedule 40 Black Steel Nipple.....	39.82	10.06
			<i>For Schedule 80 Nipples, Add</i>	12.35	
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 21 13 23-0279	EA		1" x 12" Long, Schedule 40 Black Steel Nipple.....	50.58	10.91
			<i>For Schedule 80 Nipples, Add</i>	17.14	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
23 21 13 23-0280	EA		1-1/4" x 12" Long, Schedule 40 Black Steel Nipple .....	61.30	11.76
			<i>For Schedule 80 Nipples, Add</i>	21.82	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0281	EA		1-1/2" x 12" Long, Schedule 40 Black Steel Nipple .....	67.28	11.76
			<i>For Schedule 80 Nipples, Add</i>	24.81	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
23 21 13 23-0282	EA		2" x 12" Long, Schedule 40 Black Steel Nipple.....	93.65	15.15
			<i>For Schedule 80 Nipples, Add</i>	35.43	
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21 13 23-0283	EA		2-1/2" x 12" Long, Schedule 40 Black Steel Nipple .....	142.88	18.86
			<i>For Schedule 80 Nipples, Add</i>	57.31	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-0284	EA		3" x 12" Long, Schedule 40 Black Steel Nipple.....	194.97	22.78
			<i>For Schedule 80 Nipples, Add</i>	80.40	
			<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21 13 23-0285	EA		4" x 12" Long, Schedule 40 Black Steel Nipple.....	245.58	28.30
			<i>For Schedule 80 Nipples, Add</i>	101.59	
			<i>For Work In Restricted Working Space, Add</i>	12.72	
23 21 13 23-0286			<b>Black Malleable Iron Bushing</b> (23 21 13 23-0014)		
23 21 13 23-0287	EA		1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing .....	32.02	17.27
			<i>For Work In Restricted Working Space, Add</i>	7.77	
23 21 13 23-0288	EA		3/4" x 3/8", 150 Lb., Black Malleable Iron Bushing .....	36.65	18.55
			<i>For Work In Restricted Working Space, Add</i>	8.35	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0289	EA		3/4" x 1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	38.77 8.98	19.92
23 21 13 23-0290	EA		1" x 3/8", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	41.85 8.90	19.82
23 21 13 23-0291	EA		1" x 1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	40.88 9.53	21.19
23 21 13 23-0292	EA		1" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	42.57 10.04	22.35
23 21 13 23-0293	EA		1-1/4" x 3/8", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	45.66 9.60	21.30
23 21 13 23-0294	EA		1-1/4" x 1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	47.17 10.24	22.78
23 21 13 23-0295	EA		1-1/4" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	47.55 10.74	23.84
23 21 13 23-0296	EA		1-1/4" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	49.40 11.30	25.11
23 21 13 23-0297	EA		1-1/2" x 3/8", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	52.57 10.37	23.10
23 21 13 23-0298	EA		1-1/2" x 1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	51.53 11.00	24.47
23 21 13 23-0299	EA		1-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	53.21 11.51	25.54
23 21 13 23-0300	EA		1-1/2" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	53.25 12.06	26.81
23 21 13 23-0301	EA		1-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	57.43 12.76	28.40
23 21 13 23-0302	EA		2" x 3/8", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	66.09 12.19	27.12
23 21 13 23-0303	EA		2" x 1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	65.20 12.83	28.50
23 21 13 23-0304	EA		2" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	63.43 13.34	29.67
23 21 13 23-0305	EA		2" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	64.07 13.89	30.84
23 21 13 23-0306	EA		2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	66.40 14.59	32.42
23 21 13 23-0307	EA		2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	70.97 15.35	34.12
23 21 13 23-0308	EA		2-1/2" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	90.51 17.46	38.78
23 21 13 23-0309	EA		2-1/2" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	92.35 18.01	40.06
23 21 13 23-0310	EA		2-1/2" x 1-1/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	94.69 18.71	41.54
23 21 13 23-0311	EA		2-1/2" x 1-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	95.03 19.48	43.34
23 21 13 23-0312	EA		2-1/2" x 2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	100.88 21.31	47.36
23 21 13 23-0313	EA		3" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	116.27 21.47	47.68
23 21 13 23-0314	EA		3" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	118.11 22.03	48.95
23 21 13 23-0315	EA		3" x 1-1/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	120.45 22.73	50.54
23 21 13 23-0316	EA		3" x 1-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	122.13 23.49	52.23
23 21 13 23-0317	EA		3" x 2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	125.35 25.32	56.26
23 21 13 23-0318	EA		3" x 2-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	139.70 29.44	65.48
23 21 13 23-0319	EA		4" x 3/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	163.37 23.30	51.73
23 21 13 23-0320	EA		4" x 1", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	165.21 23.85	53.00
23 21 13 23-0321	EA		4" x 1-1/4", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	167.55 24.55	54.59
23 21 13 23-0322	EA		4" x 1-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	170.10 25.32	56.29
23 21 13 23-0323	EA		4" x 2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	171.60 27.15	60.32
23 21 13 23-0324	EA		4" x 2-1/2", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	185.35 31.27	69.54
23 21 13 23-0325	EA		4" x 3", 150 Lb., Black Malleable Iron Bushing ..... <i>For Work In Restricted Working Space, Add</i>	198.74 35.29	78.44
23 21 13 23-0326			<b>Black Malleable Iron Square Head Plugs</b> (23 21 13 23-0014)		
23 21 13 23-0327	EA		3/8", 150 Lb., Black Malleable Iron Square Head Plug ..... <i>For Work In Restricted Working Space, Add</i>	14.10 2.83	6.26
23 21 13 23-0328	EA		1/2", 150 Lb., Black Malleable Iron Square Head Plug ..... <i>For Work In Restricted Working Space, Add</i>	16.29 3.39	7.53
23 21 13 23-0329	EA		3/4", 150 Lb., Black Malleable Iron Square Head Plug ..... <i>For Work In Restricted Working Space, Add</i>	17.64 3.80	8.47



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0330	EA	1"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	20.40 4.24	9.43
23 21 13 23-0331	EA	1-1/4"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	23.90 4.80	10.70
23 21 13 23-0332	EA	1-1/2"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	29.06 5.41	11.97
23 21 13 23-0333	EA	2"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	38.59 6.87	15.25
23 21 13 23-0334	EA	2-1/2"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	62.44 10.17	22.57
23 21 13 23-0335	EA	3"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	83.79 13.39	29.77
23 21 13 23-0336	EA	4"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	131.64 14.84	32.97
23 21 13 23-0337	EA	5"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	228.12 15.49	34.45
23 21 13 23-0338	EA	6"	150 Lb., Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	272.58 16.19	35.93
<b>23 21 13 23-0339</b>			<b>125 Lb., Black Cast Iron Screwed Flanges</b> <small>(23 21 13 23-0014)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0340	EA	3/4"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	153.03 19.07	42.38
23 21 13 23-0341	EA	1"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	128.73 21.55	47.89
23 21 13 23-0342	EA	1-1/4"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	142.42 22.30	49.59
23 21 13 23-0343	EA	1-1/2"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	143.79 24.26	53.93
23 21 13 23-0344	EA	2"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	147.19 25.33	56.26
23 21 13 23-0345	EA	2-1/2"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	171.08 29.29	65.16
23 21 13 23-0346	EA	3"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	218.52 37.18	82.64
23 21 13 23-0347	EA	4"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	297.10 50.88	113.11
23 21 13 23-0348	EA	5"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	382.03 60.58	134.74
23 21 13 23-0349	EA	6"	125 Lb., Black Cast Iron Flange <i>For Work In Restricted Working Space, Add</i>	435.67 69.57	154.67
<b>23 21 13 23-0350</b>			<b>150 Lb., Black Malleable Iron Flanges</b> <small>(23 21 13 23-0014)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0351	EA	1/2"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	77.84 17.42	38.67
23 21 13 23-0352	EA	3/4"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	84.90 19.07	42.38
23 21 13 23-0353	EA	1"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	99.53 21.55	47.89
23 21 13 23-0354	EA	1-1/4"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	103.96 22.30	49.59
23 21 13 23-0355	EA	1-1/2"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	113.19 24.26	53.93
23 21 13 23-0356	EA	2"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	126.56 25.32	56.26
23 21 13 23-0357	EA	2-1/2"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	163.73 29.29	65.16
23 21 13 23-0358	EA	3"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	207.42 37.17	82.64
23 21 13 23-0359	EA	4"	150 Lb., Black Malleable Iron Flange <i>For Work In Restricted Working Space, Add</i>	311.45 50.87	113.11
<b>23 21 13 23-0360</b>			<b>Cut And Thread Existing In-Place Black Steel Pipe</b> <small>(23 21 13 23-0014)</small> Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0361	EA	1/2"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	34.52 10.36	
23 21 13 23-0362	EA	3/4"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	37.97 11.39	
23 21 13 23-0363	EA	1"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	41.43 12.43	
23 21 13 23-0364	EA	1-1/4"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	44.87 13.46	
23 21 13 23-0365	EA	1-1/2"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	47.17 14.15	
23 21 13 23-0366	EA	2"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	49.47 14.84	
23 21 13 23-0367	EA	2-1/2"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	51.78 15.53	
23 21 13 23-0368	EA	3"	Cut And Thread Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	54.07 16.22	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0369 EA 4", Cut And Thread Existing In Place Black Steel Pipe.....	56.38	
<i>For Work In Restricted Working Space, Add</i>	16.91	
23 21 13 23-0370 EA 6", Cut And Thread Existing In Place Black Steel Pipe.....	60.98	
<i>For Work In Restricted Working Space, Add</i>	18.29	
23 21 13 23-0371 EA 8", Cut And Thread Existing In Place Black Steel Pipe.....	65.58	
<i>For Work In Restricted Working Space, Add</i>	19.67	
23 21 13 23-0372 EA 10", Cut And Thread Existing In Place Black Steel Pipe.....	71.33	
<i>For Work In Restricted Working Space, Add</i>	21.40	
23 21 13 23-0373 EA 12", Cut And Thread Existing In Place Black Steel Pipe.....	75.93	
<i>For Work In Restricted Working Space, Add</i>	22.78	
<b>23 21 13 23-0374 Welded Black Steel Pipe</b> <small>(23 21 13 23)</small>		
<b>23 21 13 23-0375 Welded Plain End Black Steel Pipe Assemblies</b> <small>(23 21 13 23-0374)</small>		
<small>Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
23 21 13 23-0376 LF 3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	29.11	8.05
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	5.88	
23 21 13 23-0377 LF 1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	33.01	8.58
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	6.59	
23 21 13 23-0378 LF 1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	41.01	9.12
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	7.56	
23 21 13 23-0379 LF 1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	45.41	9.12
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21 13 23-0380 LF 2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	52.24	9.12
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	9.14	
23 21 13 23-0381 LF 2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	60.49	9.12
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	10.61	
23 21 13 23-0382 LF 3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	75.47	8.90
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	11.19	
23 21 13 23-0383 LF 4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	106.87	11.62
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	14.42	
23 21 13 23-0384 LF 6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	153.30	17.32
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	16.61	
23 21 13 23-0385 LF 8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	231.50	21.52
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	24.64	
23 21 13 23-0386 LF 10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	313.46	26.90
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	29.39	
23 21 13 23-0387 LF 12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	399.83	32.50
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	33.95	
23 21 13 23-0388 LF 14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	414.11	42.40
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	37.88	
23 21 13 23-0389 LF 16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	475.64	53.81
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	42.33	
23 21 13 23-0390 LF 18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	616.09	66.61
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	46.45	
23 21 13 23-0391 LF 20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	761.78	82.33
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	53.17	
23 21 13 23-0392 LF 24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly.....	950.27	93.31
<small>Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.</small>		
<i>For Work In Restricted Working Space, Add</i>	58.46	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13	23-0393	<b>Welded Black Steel Pipe And Fittings</b> <small>(23 21 13 23-0374)</small>		
		Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21 13	23-0394	<b>Welded Plain End (A-53) Black Steel Piping</b> <small>(23 21 13 23-0393)</small>		
23 21 13	23-0395	LF 3/4" Schedule 40, Welded Plain End Black Steel Pipe ..... 14.15		4.29
		For Schedule 80 Pipe, Add	2.40	
		For Work In Restricted Working Space, Add	2.57	
23 21 13	23-0396	LF 1" Schedule 40, Welded Plain End Black Steel Pipe ..... 18.13		5.36
		For Schedule 80 Pipe, Add	3.09	
		For Work In Restricted Working Space, Add	3.22	
23 21 13	23-0397	LF 1-1/4" Schedule 40, Welded Plain End Black Steel Pipe ..... 23.73		6.44
		For Schedule 80 Pipe, Add	4.10	
		For Work In Restricted Working Space, Add	3.86	
23 21 13	23-0398	LF 1-1/2" Schedule 40, Welded Plain End Black Steel Pipe ..... 29.43		7.51
		For Schedule 80 Pipe, Add	5.14	
		For Work In Restricted Working Space, Add	4.50	
23 21 13	23-0399	LF 2" Schedule 40, Welded Plain End Black Steel Pipe ..... 35.05		8.90
		For Schedule 80 Pipe, Add	6.12	
		For Work In Restricted Working Space, Add	5.34	
23 21 13	23-0400	LF 2-1/2" Schedule 40, Welded Plain End Black Steel Pipe ..... 40.29		10.08
		For Schedule 80 Pipe, Add	10.57	
		For Work In Restricted Working Space, Add	6.05	
23 21 13	23-0401	LF 3" Schedule 40, Welded Plain End Black Steel Pipe ..... 53.61		10.84
		For Schedule 80 Pipe, Add	14.97	
		For Work In Restricted Working Space, Add	6.50	
23 21 13	23-0402	LF 4" Schedule 40, Welded Plain End Black Steel Pipe ..... 78.03		13.40
		For Schedule 80 Pipe, Add	22.62	
		For Work In Restricted Working Space, Add	8.05	
23 21 13	23-0403	LF 6" Schedule 40, Welded Plain End Black Steel Pipe ..... 119.07		21.72
		For Schedule 80 Pipe, Add	35.86	
		For Work In Restricted Working Space, Add	9.97	
23 21 13	23-0404	LF 8" Schedule 40, Welded Plain End Black Steel Pipe ..... 175.68		23.14
		For Schedule 80 Pipe, Add	53.39	
		For Schedule 30 Pipe, Deduct	-30.51	
		For Work In Restricted Working Space, Add	13.88	
23 21 13	23-0405	LF 10" Schedule 40, Welded Plain End Black Steel Pipe ..... 238.90		27.87
		For Schedule 80 Pipe, Add	73.86	
		For Schedule 30 Pipe, Deduct	-42.21	
		For Work In Restricted Working Space, Add	16.72	
23 21 13	23-0406	LF 12" Schedule 40, Welded Plain End Black Steel Pipe ..... 309.59		33.69
		For Schedule 80 Pipe, Add	96.57	
		For Schedule 30 Pipe, Deduct	-55.18	
		For Work In Restricted Working Space, Add	20.21	
23 21 13	23-0407	LF 14" Schedule 40, Welded Plain End Black Steel Pipe ..... 291.90		35.51
		For Schedule 80 Pipe, Add	89.73	
		For Schedule 30 Pipe, Deduct	-51.28	
		For Schedule 20 Pipe, Deduct	-91.51	
		For Work In Restricted Working Space, Add	21.31	
23 21 13	23-0408	LF 16" Schedule 40, Welded Plain End Black Steel Pipe ..... 323.29		38.20
		For Schedule 80 Pipe, Add	99.78	
		For Schedule 30 Pipe, Deduct	-57.02	
		For Schedule 20 Pipe, Deduct	-101.69	
		For Work In Restricted Working Space, Add	22.92	
23 21 13	23-0409	LF 18" Schedule 40, Welded Plain End Black Steel Pipe ..... 424.82		41.33
		For Schedule 80 Pipe, Add	134.22	
		For Schedule 30 Pipe, Deduct	-76.70	
		For Schedule 20 Pipe, Deduct	-136.29	
		For Work In Restricted Working Space, Add	24.80	
23 21 13	23-0410	LF 20" Schedule 40, Welded Plain End Black Steel Pipe ..... 500.76		49.51
		For Schedule 80 Pipe, Add	157.94	
		For Work In Restricted Working Space, Add	29.70	
23 21 13	23-0411	LF 24" Schedule 40, Welded Plain End Black Steel Pipe ..... 632.86		56.93
		For Schedule 80 Pipe, Add	201.58	
		For Work In Restricted Working Space, Add	34.16	
23 21 13	23-0412	<b>Welded Plain End (A-106) Seamless Carbon Steel Piping</b> <small>(23 21 13 23-0393)</small>		
23 21 13	23-0413	LF 1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... 10.96		3.00
		For Work In Restricted Working Space, Add	1.80	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	2.73	
23 21 13	23-0414	LF 1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... 11.08		3.32
		For Work In Restricted Working Space, Add	1.96	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	2.66	
23 21 13	23-0415	LF 3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... 13.99		4.29
		For Work In Restricted Working Space, Add	2.57	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	3.29	
23 21 13	23-0416	LF 1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... 17.16		5.36
		For Work In Restricted Working Space, Add	3.22	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	3.99	
23 21 13	23-0417	LF 1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... 21.68		6.44
		For Work In Restricted Working Space, Add	3.86	
		For Schedule 80 (A-106) Carbon Steel Pipe, Add	5.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0418 LF 1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	25.31 4.50 6.06	7.51
23 21 13 23-0419 LF 2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	30.08 5.34 7.21	8.90
23 21 13 23-0420 LF 2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	39.81 6.05 14.02	10.08
23 21 13 23-0421 LF 3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	45.70 6.50 16.71	10.84
23 21 13 23-0422 LF 4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	56.82 8.05 20.82	13.40
23 21 13 23-0423 LF 6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	89.12 9.97 36.28	21.78
23 21 13 23-0424 LF 8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	130.38 13.88 54.04	23.14
23 21 13 23-0425 LF 10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	175.68 16.72 75.53	27.87
23 21 13 23-0426 LF 12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	214.22 20.21 92.34	33.69
23 21 13 23-0427 LF 14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	251.63 21.31 111.79	35.51
23 21 13 23-0428 LF 16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	290.74 22.92 131.49	38.20
23 21 13 23-0429 LF 18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	353.06 24.80 163.82	41.33
23 21 13 23-0430 LF 20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	425.47 29.70 197.67	49.51
23 21 13 23-0431 LF 24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	536.81 34.16 253.93	56.93
<b>23 21 13 23-0432 Welded Plain End Black Steel 90 Degree Elbows</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0433 EA 3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	122.53 26.02 30.67	68.23
23 21 13 23-0434 EA 1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	127.89 27.07 32.28	71.78
23 21 13 23-0435 EA 1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	142.96 30.01 36.80	81.79
23 21 13 23-0436 EA 1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.64 31.90 39.71	88.25
23 21 13 23-0437 EA 2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	192.45 39.66 51.65	114.83
23 21 13 23-0438 EA 2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	242.26 50.08 64.56	143.57
23 21 13 23-0439 EA 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	249.66 52.08 65.20	145.01
23 21 13 23-0440 EA 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	429.10 89.29 112.69	250.54
23 21 13 23-0441 EA 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	751.43 160.34 185.98	413.45
23 21 13 23-0442 EA 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,118.45 243.72 262.32	583.20
23 21 13 23-0443 EA 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,447.40 329.29 299.80	666.59
23 21 13 23-0444 EA 12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,957.25 449.89 392.26	872.15
23 21 13 23-0445 EA 14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,424.98 565.21 463.67	1,030.89

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0446	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,008.49 713.05 541.43	1,203.83
23 21	13 23-0447	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,561.70 857.20 603.74	1,342.34
23 21	13 23-0448	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,533.61 1,123.15 676.96	1,505.06
23 21	13 23-0449	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,307.65 1,347.46 699.53	1,555.32
<b>23 21</b>	<b>13 23-0450</b>		<b>Welded Plain End Black Steel Reducing 90 Degree Elbows</b> (23 21 13 23-0393)		
23 21	13 23-0451	EA	4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	596.31 139.38 112.90	250.96
23 21	13 23-0452	EA	6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,043.19 248.61 183.86	408.73
23 21	13 23-0453	EA	6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,116.98 270.74 183.86	408.73
23 21	13 23-0454	EA	8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,782.16 442.83 262.32	583.20
23 21	13 23-0455	EA	8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,958.08 495.61 262.32	583.20
23 21	13 23-0456	EA	10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,450.29 630.16 299.80	666.59
23 21	13 23-0457	EA	10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,450.29 630.16 299.80	666.59
23 21	13 23-0458	EA	12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,026.37 1,068.00 399.73	888.72
23 21	13 23-0459	EA	12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,026.37 1,068.00 399.73	888.72
23 21	13 23-0460	EA	12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,504.90 1,211.56 399.73	888.72
<b>23 21</b>	<b>13 23-0461</b>		<b>Welded Plain End Black Steel 45 Degree Elbows</b> (23 21 13 23-0393)		
23 21	13 23-0462	EA	3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.27 22.61 27.35	60.82
23 21	13 23-0463	EA	1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	110.49 23.24 28.31	62.95
23 21	13 23-0464	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	124.44 25.96 32.50	72.28
23 21	13 23-0465	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.02 27.63 35.07	77.97
23 21	13 23-0466	EA	2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	167.34 34.32 45.37	100.81
23 21	13 23-0467	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.59 42.64 56.95	126.66
23 21	13 23-0468	EA	3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	240.90 49.46 65.18	144.90
23 21	13 23-0469	EA	4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	414.57 84.94 112.66	250.43
23 21	13 23-0470	EA	6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	715.24 149.55 185.77	413.02
23 21	13 23-0471	EA	8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,052.60 223.97 262.32	583.20
23 21	13 23-0472	EA	10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,326.49 293.02 299.80	666.59
23 21	13 23-0473	EA	12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,779.50 396.82 391.53	870.53





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0474 EA 14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,189.73 494.42 464.29	1,032.29
23 21 13 23-0475 EA 16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,681.81 615.24 540.87	1,202.54
23 21 13 23-0476 EA 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,141.32 731.33 603.04	1,340.73
23 21 13 23-0477 EA 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,919.14 938.81 676.96	1,505.06
23 21 13 23-0478 EA 24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,504.60 1,106.55 699.53	1,555.32
<b>23 21 13 23-0479 Welded Plain End Black Steel Tee</b> (23 21 13 23-0393)		
23 21 13 23-0480 EA 3/4" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.25 48.06 51.48	114.44
23 21 13 23-0481 EA 1" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.20 48.05 51.47	114.44
23 21 13 23-0482 EA 1-1/4" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	249.48 54.81 57.25	127.31
23 21 13 23-0483 EA 1-1/2" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	273.14 59.42 64.35	143.07
23 21 13 23-0484 EA 2" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	338.24 71.40 85.91	191.01
23 21 13 23-0485 EA 2-1/2" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	386.19 82.07 96.53	214.61
23 21 13 23-0486 EA 3" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	461.72 97.53 117.12	260.62
23 21 13 23-0487 EA 4" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	663.71 139.84 169.34	376.56
23 21 13 23-0488 EA 6" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,113.23 236.04 279.79	622.05
23 21 13 23-0489 EA 8" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,666.85 360.15 399.73	888.72
23 21 13 23-0490 EA 10" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,115.20 471.34 466.35	1,036.81
23 21 13 23-0491 EA 12" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,851.43 645.57 599.60	1,333.09
23 21 13 23-0492 EA 14" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,702.85 866.02 699.53	1,555.32
23 21 13 23-0493 EA 16" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,455.67 1,042.90 839.43	1,866.34
23 21 13 23-0494 EA 18" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,816.58 1,418.53 932.70	2,073.73
23 21 13 23-0495 EA 20" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,677.78 1,936.08 1,049.29	2,332.98
23 21 13 23-0496 EA 24" Standard Weight, Welded Plain End Black Steel Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	8,865.33 2,264.10 1,130.01	2,512.44
<b>23 21 13 23-0497 Welded Plain End Black Steel Reducing Tees</b> (23 21 13 23-0393)		
23 21 13 23-0498 EA 3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.89 47.01 49.87	110.90
23 21 13 23-0499 EA 1" Standard Weight, Welded Plain End Black Steel Reducing Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.20 48.05 51.47	114.44
23 21 13 23-0500 EA 1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.37 53.87 57.25	127.31
23 21 13 23-0501 EA 1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	270.03 58.49 64.35	143.07



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0502	EA	2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	345.23 73.49 85.94	191.01
23 21	13 23-0503	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	386.32 82.10 96.56	214.71
23 21	13 23-0504	EA	3" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	462.05 97.62 117.12	260.62
23 21	13 23-0505	EA	4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	664.17 139.98 169.34	376.56
23 21	13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,114.02 236.28 279.79	622.05
23 21	13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,668.36 360.60 399.73	888.72
23 21	13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,117.76 472.11 466.35	1,036.81
23 21	13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,855.30 646.73 599.60	1,333.09
23 21	13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,709.08 867.89 699.53	1,555.32
23 21	13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,463.21 1,045.16 839.43	1,866.34
23 21	13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,828.91 1,422.23 932.70	2,073.73
23 21	13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	7,797.60 1,972.03 1,049.29	2,332.98
23 21	13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,400.54 2,424.66 1,130.01	2,512.44
<b>23 21 13 23-0515 Welded Plain End Black Steel Caps (23 21 13 23-0393)</b>					
23 21	13 23-0516	EA	1" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	63.94 12.48 16.09	35.82
23 21	13 23-0517	EA	1-1/4" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	69.93 13.61 17.69	39.37
23 21	13 23-0518	EA	1-1/2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.73 14.18 18.34	40.75
23 21	13 23-0519	EA	2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	90.48 17.36 23.49	52.23
23 21	13 23-0520	EA	2-1/2" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	107.15 20.35 28.32	62.95
23 21	13 23-0521	EA	3" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	125.63 24.08 32.66	72.61
23 21	13 23-0522	EA	4" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	210.46 39.62 56.45	125.48
23 21	13 23-0523	EA	6" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	353.21 67.10 93.26	207.32
23 21	13 23-0524	EA	8" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	499.24 95.31 130.71	290.65
23 21	13 23-0525	EA	10" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	661.48 129.69 165.00	366.90
23 21	13 23-0526	EA	12" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	790.11 155.69 195.22	434.03
23 21	13 23-0527	EA	14" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,039.27 214.62 233.18	518.41
23 21	13 23-0528	EA	16" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,206.95 249.26 270.78	602.02
23 21	13 23-0529	EA	18" Standard Weight, Welded Plain End Black Steel Cap <i>For Schedule 80 Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,349.35 279.89 299.80	666.59



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0530		<b>Welded Plain End Black Steel Eccentric Reducers</b> (23 21 13 23-0393)		
23 21	13 23-0531	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.74 32.14 31.37	69.75
23 21	13 23-0532	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	153.92 34.13 34.42	76.53
23 21	13 23-0533	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	151.25 33.61 33.62	74.75
23 21	13 23-0534	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	166.25 36.53 38.12	84.76
23 21	13 23-0535	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	158.74 35.07 35.87	79.75
23 21	13 23-0536	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.08 34.55 35.07	77.97
23 21	13 23-0537	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	175.48 36.71 45.52	101.20
23 21	13 23-0538	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	185.35 40.18 44.07	97.98
23 21	13 23-0539	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	177.85 38.72 41.82	92.99
23 21	13 23-0540	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	220.55 45.90 57.91	128.74
23 21	13 23-0541	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	205.46 43.45 51.95	115.51
23 21	13 23-0542	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	226.74 50.35 50.51	112.29
23 21	13 23-0543	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	246.81 51.29 65.00	144.47
23 21	13 23-0544	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	248.95 51.93 65.00	144.47
23 21	13 23-0545	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	253.46 53.29 65.00	144.47
23 21	13 23-0546	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	415.72 85.20 112.90	250.96
23 21	13 23-0547	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	417.85 85.84 112.90	250.96
23 21	13 23-0548	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	424.27 87.77 112.90	250.96
23 21	13 23-0549	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	694.04 143.86 183.86	408.73
23 21	13 23-0550	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	740.09 157.68 183.86	408.73
23 21	13 23-0551	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,036.11 212.91 279.79	622.05
23 21	13 23-0552	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,121.78 238.61 279.79	622.05
23 21	13 23-0553	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,208.03 249.80 321.75	715.37
23 21	13 23-0554	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,311.04 280.70 321.75	715.37
23 21	13 23-0555	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	1,446.57 321.36 -119.70 321.75	715.37
23 21	13 23-0556	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,541.37 322.77 398.97	887.00
23 21	13 23-0557	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer ..... <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,661.71 358.87 398.97	887.00

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0558	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	1,865.11	887.00
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	419.89	
			<i>For Concentric Reducers, Deduct</i>	-171.27	
			<i>For Work In Restricted Working Space, Add</i>	398.97	
23 21	13 23-0559	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	1,537.96	887.00
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	321.75	
			<i>For Concentric Reducers, Deduct</i>	-66.58	
			<i>For Work In Restricted Working Space, Add</i>	398.97	
23 21	13 23-0560	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	1,925.71	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	414.49	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0561	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	1,989.08	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	433.50	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0562	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	2,620.86	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	623.04	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0563	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	2,316.54	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	511.34	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0564	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	2,503.10	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	567.30	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0565	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	2,575.72	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	589.09	
			<i>For Concentric Reducers, Deduct</i>	-264.61	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0566	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	3,393.85	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	834.53	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0567	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	3,800.95	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	956.66	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0568	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	3,021.36	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	696.55	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0569	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	2,182.03	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	444.75	
			<i>For Concentric Reducers, Deduct</i>	-58.68	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0570	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	3,119.38	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	725.96	
			<i>For Concentric Reducers, Deduct</i>	-358.63	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0571	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	3,263.92	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	769.32	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0572	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	4,485.88	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,135.91	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0573	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	3,541.04	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	825.38	
			<i>For Concentric Reducers, Deduct</i>	-411.04	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0574	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	3,537.72	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	824.38	
			<i>For Concentric Reducers, Deduct</i>	-409.98	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0575	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	5,154.27	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,309.34	
			<i>For Concentric Reducers, Deduct</i>	-927.27	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0576	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	5,802.68	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,503.87	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0577	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	6,775.33	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,795.66	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0578	EA	24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	4,015.95	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	959.95	
			<i>For Concentric Reducers, Deduct</i>	-538.94	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0579	EA	24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	4,211.92	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,018.74	
			<i>For Concentric Reducers, Deduct</i>	-601.65	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0580	EA	24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer .....	5,122.44	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,291.90	
			<i>For Concentric Reducers, Deduct</i>	-893.02	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0581	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	6,816.83	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,800.21	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0582	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer .....	8,087.32	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,181.36	
			<i>For Work In Restricted Working Space, Add</i>	699.53	



Heating, Ventilating, and Air-Conditioning (HVAC)

23

HVAC Piping and Pumps

23 20

Hydronic Piping and Pumps

23 21



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0583		<b>Welded Plain End Black Steel Concentric Reducers</b> <small>(23 21 13 23-0393)</small>		
	23 21 13 23-0584	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	133.49 29.07 31.37	69.75
	23 21 13 23-0585	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	143.67 31.05 34.42	76.53
	23 21 13 23-0586	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.00 30.53 33.62	74.75
	23 21 13 23-0587	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	156.00 33.46 38.12	84.76
	23 21 13 23-0588	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	148.49 31.99 35.87	79.75
	23 21 13 23-0589	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	145.83 31.47 35.07	77.97
	23 21 13 23-0590	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	170.25 35.14 45.52	101.20
	23 21 13 23-0591	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.42 34.20 44.07	97.98
	23 21 13 23-0592	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	165.04 34.87 41.82	92.99
	23 21 13 23-0593	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	216.76 44.76 57.91	128.74
	23 21 13 23-0594	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	203.32 42.81 51.95	115.51
	23 21 13 23-0595	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	208.70 44.93 50.51	112.29
	23 21 13 23-0596	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	235.90 48.02 65.00	144.47
	23 21 13 23-0597	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.32 48.45 65.00	144.47
	23 21 13 23-0598	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	240.41 49.37 65.00	144.47
	23 21 13 23-0599	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	401.01 80.79 112.90	250.96
	23 21 13 23-0600	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	406.46 82.42 112.90	250.96
	23 21 13 23-0601	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	406.46 82.42 112.90	250.96
	23 21 13 23-0602	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	664.62 135.03 183.86	408.73
	23 21 13 23-0603	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	675.53 138.31 183.86	408.73
	23 21 13 23-0604	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,000.50 202.22 279.79	622.05
	23 21 13 23-0605	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,019.97 208.07 279.79	622.05
	23 21 13 23-0606	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,204.24 248.66 321.75	715.37
	23 21 13 23-0607	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,196.17 246.24 321.75	715.37
	23 21 13 23-0608	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,297.75 276.71 321.75	715.37
	23 21 13 23-0609	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,492.72 308.18 398.97	887.00
	23 21 13 23-0610	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,517.11 315.49 398.97	887.00



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0611	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	1,525.94	887.00
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	318.14	
			<i>For Work In Restricted Working Space, Add</i>	398.97	
23 21	13 23-0612	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	1,784.89	887.00
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	395.83	
			<i>For Work In Restricted Working Space, Add</i>	398.97	
23 21	13 23-0613	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	1,799.44	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	376.61	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0614	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	1,889.86	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	403.74	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0615	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	1,968.42	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	427.30	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0616	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,272.04	1,036.81
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	518.39	
			<i>For Work In Restricted Working Space, Add</i>	466.35	
23 21	13 23-0617	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,177.46	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	469.61	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0618	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,177.46	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	469.61	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0619	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,222.56	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	483.14	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0620	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,372.32	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	528.07	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0621	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,992.55	1,166.49
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	714.14	
			<i>For Work In Restricted Working Space, Add</i>	524.65	
23 21	13 23-0622	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,466.93	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	530.22	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0623	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,582.52	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	564.90	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0624	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,630.93	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	579.42	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0625	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	2,762.65	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	618.94	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0626	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	4,276.38	1,333.09
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,073.06	
			<i>For Work In Restricted Working Space, Add</i>	599.60	
23 21	13 23-0627	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,060.18	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	681.12	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0628	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,060.18	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	681.12	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0629	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,093.18	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	691.02	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0630	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,288.51	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	749.62	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0631	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,628.38	1,505.06
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	851.58	
			<i>For Work In Restricted Working Space, Add</i>	676.96	
23 21	13 23-0632	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,240.79	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	727.40	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0633	EA	24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,261.43	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	733.59	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0634	EA	24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	3,301.78	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	745.70	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0635	EA	24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	4,235.96	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,025.95	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0636	EA	24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer .....	4,420.38	1,555.32
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,081.28	
			<i>For Work In Restricted Working Space, Add</i>	699.53	
23 21	13 23-0637		<b>150 Lb., Welded Plain End Black Steel Neck Flanges</b> <small>(23 21 13 23-0393)</small>		
			Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21	13 23-0638	EA	2", 150 Lb., Welded Plain End Black Steel Neck Flange .....	159.84	80.87
			<i>For 300 Lb. Rating, Add</i>	39.75	
			<i>For Work In Restricted Working Space, Add</i>	36.37	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0639	EA		2-1/2", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	189.89 42.91 45.39	100.93
23 21 13 23-0640	EA		3", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	211.63 45.21 51.90	115.40
23 21 13 23-0641	EA		4", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	277.43 58.43 68.46	152.19
23 21 13 23-0642	EA		6", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	421.73 89.36 103.79	230.81
23 21 13 23-0643	EA		8", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	496.76 122.75 113.44	252.26
23 21 13 23-0644	EA		10", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	647.59 171.13 142.28	316.29
23 21 13 23-0645	EA		12", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	790.84 233.42 161.43	358.91
23 21 13 23-0646	EA		14", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,034.43 336.92 195.22	434.03
23 21 13 23-0647	EA		16", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,355.72 499.04 226.87	504.42
23 21 13 23-0648	EA		18", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,680.15 671.60 254.37	565.54
23 21 13 23-0649	EA		20", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,130.27 850.85 322.86	717.82
23 21 13 23-0650	EA		24", 150 Lb., Welded Plain End Black Steel Neck Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,417.56 998.59 349.76	777.66
23 21 13 23-0651			<b>150 Lb., Welded Black Steel Slip-On Flanges</b> (23 21 13 23-0393) Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0652	EA		2", 150 Lb., Welded Black Steel Slip-On Flanges <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	123.10 34.05 28.96	80.87
23 21 13 23-0653	EA		2-1/2", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	152.10 43.10 35.39	100.93
23 21 13 23-0654	EA		3", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	179.59 50.78 41.83	115.40
23 21 13 23-0655	EA		4", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	237.12 68.46 54.70	152.19
23 21 13 23-0656	EA		6", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	352.45 104.04 80.44	230.81
23 21 13 23-0657	EA		8", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	472.66 151.61 103.31	252.26
23 21 13 23-0658	EA		10", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	651.93 244.51 129.14	316.29
23 21 13 23-0659	EA		12", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	865.97 368.70 154.97	358.91
23 21 13 23-0660	EA		14", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,113.15 522.71 180.80	434.03
23 21 13 23-0661	EA		16", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,354.56 688.65 200.17	504.42
23 21 13 23-0662	EA		18", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,502.46 770.43 219.54	565.54
23 21 13 23-0663	EA		20", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,672.34 871.98 238.91	717.82
23 21 13 23-0664	EA		24", 150 Lb., Welded Black Steel Slip-On Flange <i>For 300 Lb. Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,909.75 982.98 277.66	777.66
23 21 13 23-0665			<b>150 Lb., Forged Steel Blind Flanges</b> (23 21 13 23-0393)		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0666	EA		2", 150 Lb., Forged Steel Blind Flange .....	79.40	28.81
			<i>For 300 Lb. Rating, Add</i> .....	23.47	
			<i>For 600 Lb. Rating, Add</i> .....	60.92	
			<i>For Work In Restricted Working Space, Add</i> .....	17.29	
23 21 13 23-0667	EA		2-1/2", 150 Lb., Forged Steel Blind Flange .....	104.46	34.57
			<i>For 300 Lb. Rating, Add</i> .....	35.52	
			<i>For 600 Lb. Rating, Add</i> .....	95.14	
			<i>For Work In Restricted Working Space, Add</i> .....	20.74	
23 21 13 23-0668	EA		3", 150 Lb., Forged Steel Blind Flange .....	128.73	46.10
			<i>For 300 Lb. Rating, Add</i> .....	38.91	
			<i>For 600 Lb. Rating, Add</i> .....	101.52	
			<i>For Work In Restricted Working Space, Add</i> .....	27.66	
23 21 13 23-0669	EA		4", 150 Lb., Forged Steel Blind Flange .....	165.60	57.62
			<i>For 300 Lb. Rating, Add</i> .....	52.39	
			<i>For 600 Lb. Rating, Add</i> .....	138.15	
			<i>For Work In Restricted Working Space, Add</i> .....	34.57	
23 21 13 23-0670	EA		6", 150 Lb., Forged Steel Blind Flange .....	226.14	74.91
			<i>For 300 Lb. Rating, Add</i> .....	76.79	
			<i>For 600 Lb. Rating, Add</i> .....	205.64	
			<i>For Work In Restricted Working Space, Add</i> .....	44.95	
23 21 13 23-0671	EA		8", 150 Lb., Forged Steel Blind Flange .....	293.93	86.43
			<i>For 300 Lb. Rating, Add</i> .....	115.00	
			<i>For 600 Lb. Rating, Add</i> .....	316.47	
			<i>For Work In Restricted Working Space, Add</i> .....	51.86	
23 21 13 23-0672	EA		10", 150 Lb., Forged Steel Blind Flange .....	443.84	103.71
			<i>For 300 Lb. Rating, Add</i> .....	210.90	
			<i>For 600 Lb. Rating, Add</i> .....	598.48	
			<i>For Work In Restricted Working Space, Add</i> .....	62.23	
23 21 13 23-0673	EA		12", 150 Lb., Forged Steel Blind Flange .....	576.61	121.01
			<i>For 300 Lb. Rating, Add</i> .....	293.09	
			<i>For 600 Lb. Rating, Add</i> .....	839.34	
			<i>For Work In Restricted Working Space, Add</i> .....	72.60	
23 21 13 23-0674	EA		14", 150 Lb., Forged Steel Blind Flange .....	965.49	138.30
			<i>For 300 Lb. Rating, Add</i> .....	580.17	
			<i>For Work In Restricted Working Space, Add</i> .....	82.97	
23 21 13 23-0675	EA		16", 150 Lb., Forged Steel Blind Flange .....	1,037.31	155.58
			<i>For 300 Lb. Rating, Add</i> .....	613.60	
			<i>For Work In Restricted Working Space, Add</i> .....	93.35	
23 21 13 23-0676	EA		18", 150 Lb., Forged Steel Blind Flange .....	1,169.01	190.15
			<i>For 300 Lb. Rating, Add</i> .....	670.89	
			<i>For Work In Restricted Working Space, Add</i> .....	114.09	
23 21 13 23-0677	EA		20", 150 Lb., Forged Steel Blind Flange .....	1,494.75	207.44
			<i>For 300 Lb. Rating, Add</i> .....	907.46	
			<i>For Work In Restricted Working Space, Add</i> .....	124.46	
23 21 13 23-0678	EA		24", 150 Lb., Forged Steel Blind Flange .....	2,030.04	242.01
			<i>For 300 Lb. Rating, Add</i> .....	1,287.64	
			<i>For Work In Restricted Working Space, Add</i> .....	145.21	
<b>23 21 13 23-0679</b>			<b>3,000 Lb., Forge Steel Thread-O-Lets</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0680	EA		1/2", 3,000 Lb., Forge Steel Thread-O-Let.....	74.48	
			<i>For Work In Restricted Working Space, Add</i> .....	20.27	
23 21 13 23-0681	EA		3/4", 3,000 Lb., Forge Steel Thread-O-Let.....	78.90	
			<i>For Work In Restricted Working Space, Add</i> .....	21.24	
23 21 13 23-0682	EA		1", 3,000 Lb., Forge Steel Thread-O-Let.....	84.18	
			<i>For Work In Restricted Working Space, Add</i> .....	22.52	
23 21 13 23-0683	EA		1-1/4", 3,000 Lb., Forge Steel Thread-O-Let.....	93.34	
			<i>For Work In Restricted Working Space, Add</i> .....	24.13	
23 21 13 23-0684	EA		1-1/2", 3,000 Lb., Forge Steel Thread-O-Let.....	104.72	
			<i>For Work In Restricted Working Space, Add</i> .....	27.35	
23 21 13 23-0685	EA		2", 3,000 Lb., Forge Steel Thread-O-Let.....	135.30	
			<i>For Work In Restricted Working Space, Add</i> .....	35.75	
23 21 13 23-0686	EA		2-1/2", 3,000 Lb., Forge Steel Thread-O-Let.....	211.77	
			<i>For Work In Restricted Working Space, Add</i> .....	45.97	
23 21 13 23-0687	EA		3", 3,000 Lb., Forge Steel Thread-O-Let.....	291.95	
			<i>For Work In Restricted Working Space, Add</i> .....	64.35	
23 21 13 23-0688	EA		4", 3,000 Lb., Forge Steel Thread-O-Let.....	389.17	
			<i>For Work In Restricted Working Space, Add</i> .....	80.44	
<b>23 21 13 23-0689</b>			<b>3,000 Lb., Forge Steel Weld-O-Lets</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0690	EA		1/2", 3,000 Lb., Forge Steel Weld-O-Let.....	95.24	
			<i>For Work In Restricted Working Space, Add</i> .....	23.39	
23 21 13 23-0691	EA		3/4", 3,000 Lb., Forge Steel Weld-O-Let.....	102.01	
			<i>For Work In Restricted Working Space, Add</i> .....	24.52	
23 21 13 23-0692	EA		1", 3,000 Lb., Forge Steel Weld-O-Let.....	108.54	
			<i>For Work In Restricted Working Space, Add</i> .....	25.74	
23 21 13 23-0693	EA		1-1/4", 3,000 Lb., Forge Steel Weld-O-Let.....	127.59	
			<i>For Work In Restricted Working Space, Add</i> .....	28.60	
23 21 13 23-0694	EA		1-1/2", 3,000 Lb., Forge Steel Weld-O-Let.....	141.11	
			<i>For Work In Restricted Working Space, Add</i> .....	32.18	
23 21 13 23-0695	EA		2", 3,000 Lb., Forge Steel Weld-O-Let.....	188.65	
			<i>For Work In Restricted Working Space, Add</i> .....	42.89	
23 21 13 23-0696	EA		2-1/2", 3,000 Lb., Forge Steel Weld-O-Let.....	317.92	
			<i>For Work In Restricted Working Space, Add</i> .....	51.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0697 EA 3", 3,000 Lb., Forge Steel Weld-O-Let.....	418.80	
<i>For Work In Restricted Working Space, Add</i>	67.57	
23 21 13 23-0698 EA 4", 3,000 Lb., Forge Steel Weld-O-Let.....	588.57	
<i>For Work In Restricted Working Space, Add</i>	85.81	
23 21 13 23-0699 EA 6", 3,000 Lb., Forge Steel Weld-O-Let.....	830.28	
<i>For Work In Restricted Working Space, Add</i>	128.70	
23 21 13 23-0700 EA 8", 3,000 Lb., Forge Steel Weld-O-Let.....	1,331.26	
<i>For Work In Restricted Working Space, Add</i>	171.59	
23 21 13 23-0701 EA 10", 3,000 Lb., Forge Steel Weld-O-Let.....	1,739.56	
<i>For Work In Restricted Working Space, Add</i>	198.01	
23 21 13 23-0702 EA 12", 3,000 Lb., Forge Steel Weld-O-Let.....	2,830.53	
<i>For Work In Restricted Working Space, Add</i>	234.01	
<b>23 21 13 23-0703 3,000 Lb., Forge Steel Sock-O-Lets</b> <small>(23 21 13 23-0393)</small>		
23 21 13 23-0704 EA 1/2", 3,000 Lb., Forge Steel Sock-O-Let.....	109.68	
<i>For Work In Restricted Working Space, Add</i>	27.96	
23 21 13 23-0705 EA 3/4", 3,000 Lb., Forge Steel Sock-O-Let.....	117.05	
<i>For Work In Restricted Working Space, Add</i>	29.31	
23 21 13 23-0706 EA 1", 3,000 Lb., Forge Steel Sock-O-Let.....	125.28	
<i>For Work In Restricted Working Space, Add</i>	31.08	
23 21 13 23-0707 EA 1-1/4", 3,000 Lb., Forge Steel Sock-O-Let.....	141.76	
<i>For Work In Restricted Working Space, Add</i>	33.30	
23 21 13 23-0708 EA 1-1/2", 3,000 Lb., Forge Steel Sock-O-Let.....	158.09	
<i>For Work In Restricted Working Space, Add</i>	37.74	
23 21 13 23-0709 EA 2", 3,000 Lb., Forge Steel Sock-O-Let.....	204.73	
<i>For Work In Restricted Working Space, Add</i>	49.33	
23 21 13 23-0710 EA 2-1/2", 3,000 Lb., Forge Steel Sock-O-Let.....	350.89	
<i>For Work In Restricted Working Space, Add</i>	63.42	
23 21 13 23-0711 EA 3", 3,000 Lb., Forge Steel Sock-O-Let.....	480.57	
<i>For Work In Restricted Working Space, Add</i>	88.80	
23 21 13 23-0712 EA 4", 3,000 Lb., Forge Steel Sock-O-Let.....	658.46	
<i>For Work In Restricted Working Space, Add</i>	111.01	
<b>23 21 13 23-0713 Class 150 Flange, Steel Bolt And Gasket Sets</b> <small>(23 21 13 23-0393)</small>		
<small>Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.</small>		
23 21 13 23-0714 EA 3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	16.04	
<small>Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	4.49	
<i>For Hot Dip Galvanized, Add</i>	6.42	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	11.23	
23 21 13 23-0715 EA 2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	20.36	
<small>Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	5.70	
<i>For Hot Dip Galvanized, Add</i>	8.14	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	14.25	
23 21 13 23-0716 EA 2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	20.59	
<small>Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	5.77	
<i>For Hot Dip Galvanized, Add</i>	8.24	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	14.41	
23 21 13 23-0717 EA 3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	20.69	
<small>Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	5.79	
<i>For Hot Dip Galvanized, Add</i>	8.28	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	14.48	
23 21 13 23-0718 EA 4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	47.10	
<small>Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	13.19	
<i>For Hot Dip Galvanized, Add</i>	18.84	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	32.97	
23 21 13 23-0719 EA 5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	65.95	
<small>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	18.47	
<i>For Hot Dip Galvanized, Add</i>	26.38	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	46.17	
23 21 13 23-0720 EA 6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	72.75	
<small>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	20.37	
<i>For Hot Dip Galvanized, Add</i>	29.10	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	50.93	
23 21 13 23-0721 EA 8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	80.11	
<small>Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	22.43	
<i>For Hot Dip Galvanized, Add</i>	32.04	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	56.08	
23 21 13 23-0722 EA 10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	175.74	
<small>Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.</small>		
<i>For Zinc Plated, Add</i>	49.21	
<i>For Hot Dip Galvanized, Add</i>	70.30	
<i>For Advanced Fluoropolymer (Blue Coating), Add</i>	123.02	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	180.03	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	50.41	
			For Hot Dip Galvanized, Add	72.01	
			For Advanced Fluoropolymer (Blue Coating), Add	126.02	
23 21	13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	202.02	
			Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut.		
			For Zinc Plated, Add	56.57	
			For Hot Dip Galvanized, Add	80.81	
			For Advanced Fluoropolymer (Blue Coating), Add	141.41	
23 21	13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	333.60	
			Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
			For Zinc Plated, Add	93.41	
			For Hot Dip Galvanized, Add	133.44	
			For Advanced Fluoropolymer (Blue Coating), Add	233.52	
23 21	13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	479.19	
			Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	134.17	
			For Hot Dip Galvanized, Add	191.68	
			For Advanced Fluoropolymer (Blue Coating), Add	335.43	
23 21	13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	605.60	
			Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	169.57	
			For Hot Dip Galvanized, Add	242.24	
			For Advanced Fluoropolymer (Blue Coating), Add	423.92	
23 21	13 23-0728	EA	24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	861.40	
			Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	241.19	
			For Hot Dip Galvanized, Add	344.56	
			For Advanced Fluoropolymer (Blue Coating), Add	602.98	
23 21	13 23-0729	EA	30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,359.20	
			Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	380.58	
			For Hot Dip Galvanized, Add	543.68	
			For Advanced Fluoropolymer (Blue Coating), Add	951.44	
23 21	13 23-0730	EA	36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,912.71	
			Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	535.56	
			For Hot Dip Galvanized, Add	765.08	
			For Advanced Fluoropolymer (Blue Coating), Add	1,338.90	
23 21	13 23-0731		<b>Class 300 Flange, Steel Bolt And Gasket Sets</b> (23 21 13 23-0393)		
			Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0732	EA	3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set .....	25.82	
			Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	7.23	
			For Hot Dip Galvanized, Add	10.33	
			For Advanced Fluoropolymer (Blue Coating), Add	18.07	
23 21	13 23-0733	EA	2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	47.23	
			Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	13.22	
			For Hot Dip Galvanized, Add	18.89	
			For Advanced Fluoropolymer (Blue Coating), Add	33.06	
23 21	13 23-0734	EA	2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	73.42	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	20.56	
			For Hot Dip Galvanized, Add	29.37	
			For Advanced Fluoropolymer (Blue Coating), Add	51.39	
23 21	13 23-0735	EA	3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	79.77	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	22.34	
			For Hot Dip Galvanized, Add	31.91	
			For Advanced Fluoropolymer (Blue Coating), Add	55.84	
23 21	13 23-0736	EA	4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	84.22	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	23.58	
			For Hot Dip Galvanized, Add	33.69	
			For Advanced Fluoropolymer (Blue Coating), Add	58.95	
23 21	13 23-0737	EA	5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	93.04	
			Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	26.05	
			For Hot Dip Galvanized, Add	37.22	
			For Advanced Fluoropolymer (Blue Coating), Add	65.13	
23 21	13 23-0738	EA	6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	131.39	
			Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	36.79	
			For Hot Dip Galvanized, Add	52.56	
			For Advanced Fluoropolymer (Blue Coating), Add	91.97	
23 21	13 23-0739	EA	8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	203.05	
			Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
			For Zinc Plated, Add	56.85	
			For Hot Dip Galvanized, Add	81.22	
			For Advanced Fluoropolymer (Blue Coating), Add	142.14	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0740 EA 10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	366.86	
Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
For Zinc Plated, Add	102.72	
For Hot Dip Galvanized, Add	146.74	
For Advanced Fluoropolymer (Blue Coating), Add	256.80	
23 21 13 23-0741 EA 12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	526.79	
Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	147.50	
For Hot Dip Galvanized, Add	210.72	
For Advanced Fluoropolymer (Blue Coating), Add	368.75	
23 21 13 23-0742 EA 14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	719.29	
Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	201.40	
For Hot Dip Galvanized, Add	287.72	
For Advanced Fluoropolymer (Blue Coating), Add	503.50	
23 21 13 23-0743 EA 16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	989.84	
Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	277.16	
For Hot Dip Galvanized, Add	395.94	
For Advanced Fluoropolymer (Blue Coating), Add	692.89	
23 21 13 23-0744 EA 18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,273.06	
Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	356.46	
For Hot Dip Galvanized, Add	509.22	
For Advanced Fluoropolymer (Blue Coating), Add	891.14	
23 21 13 23-0745 EA 20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,352.81	
Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	378.79	
For Hot Dip Galvanized, Add	541.12	
For Advanced Fluoropolymer (Blue Coating), Add	946.97	
23 21 13 23-0746 EA 24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,718.72	
Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.		
For Zinc Plated, Add	481.24	
For Hot Dip Galvanized, Add	687.49	
For Advanced Fluoropolymer (Blue Coating), Add	1,203.10	
23 21 13 23-0747 EA 30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	2,707.37	
Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	758.06	
For Hot Dip Galvanized, Add	1,082.95	
For Advanced Fluoropolymer (Blue Coating), Add	1,895.16	
23 21 13 23-0748 EA 36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	4,005.58	
Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.		
For Zinc Plated, Add	1,121.56	
For Hot Dip Galvanized, Add	1,602.23	
For Advanced Fluoropolymer (Blue Coating), Add	2,803.91	
<b>23 21 13 23-0749 150 Lb., Rubber Flange Gasket Replacement</b> <small>(23 21 13 23-0393)</small>		
Note: Includes unbolting, removal of old gaskets, new 150 Lb. rubber gasket and rebolting.		
23 21 13 23-0750 EA 1/2", 150 Lb., Rubber Flange Gasket Replacement .....	32.54	
For 300 Lb. Rating Gasket Set, Add	0.25	
For 150 Lb. Rating Teflon Gasket Set, Add	5.41	
For 300 Lb. Rating Teflon Gasket Set, Add	6.23	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0751 EA 3/4", 150 Lb., Rubber Flange Gasket Replacement .....	34.91	
For 300 Lb. Rating Gasket Set, Add	0.33	
For 150 Lb. Rating Teflon Gasket Set, Add	7.27	
For 300 Lb. Rating Teflon Gasket Set, Add	8.37	
For Work In Restricted Working Space, Add	10.19	
23 21 13 23-0752 EA 1", 150 Lb., Rubber Flange Gasket Replacement .....	38.79	
For 300 Lb. Rating Gasket Set, Add	0.57	
For 150 Lb. Rating Teflon Gasket Set, Add	12.68	
For 300 Lb. Rating Teflon Gasket Set, Add	14.60	
For Work In Restricted Working Space, Add	11.15	
23 21 13 23-0753 EA 1-1/4", 150 Lb., Rubber Flange Gasket Replacement .....	42.21	
For 300 Lb. Rating Gasket Set, Add	0.66	
For 150 Lb. Rating Teflon Gasket Set, Add	14.53	
For 300 Lb. Rating Teflon Gasket Set, Add	16.73	
For Work In Restricted Working Space, Add	12.10	
23 21 13 23-0754 EA 1-1/2", 150 Lb., Rubber Flange Gasket Replacement .....	46.93	
For 300 Lb. Rating Gasket Set, Add	0.82	
For 150 Lb. Rating Teflon Gasket Set, Add	18.17	
For 300 Lb. Rating Teflon Gasket Set, Add	20.92	
For Work In Restricted Working Space, Add	13.37	
23 21 13 23-0755 EA 2", 150 Lb., Rubber Flange Gasket Replacement .....	52.11	
For 300 Lb. Rating Gasket Set, Add	1.15	
For 150 Lb. Rating Teflon Gasket Set, Add	25.35	
For 300 Lb. Rating Teflon Gasket Set, Add	29.19	
For Work In Restricted Working Space, Add	14.65	
23 21 13 23-0756 EA 2-1/2", 150 Lb., Rubber Flange Gasket Replacement .....	61.77	
For 300 Lb. Rating Gasket Set, Add	1.56	
For 150 Lb. Rating Teflon Gasket Set, Add	34.48	
For 300 Lb. Rating Teflon Gasket Set, Add	39.69	
For Work In Restricted Working Space, Add	17.19	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 21 13 23-0757	EA 3", 150 Lb., Rubber Flange Gasket Replacement.....	65.66	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	1.81	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	39.89	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	45.92	
	<i>For Work In Restricted Working Space, Add</i>	18.15	
23 21 13 23-0758	EA 4", 150 Lb., Rubber Flange Gasket Replacement.....	88.05	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	2.95	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	65.24	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	75.12	
	<i>For Work In Restricted Working Space, Add</i>	23.88	
23 21 13 23-0759	EA 5", 150 Lb., Rubber Flange Gasket Replacement.....	101.72	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	3.28	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	72.51	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	83.48	
	<i>For Work In Restricted Working Space, Add</i>	27.70	
23 21 13 23-0760	EA 6", 150 Lb., Rubber Flange Gasket Replacement.....	117.27	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	4.27	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	94.23	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	108.49	
	<i>For Work In Restricted Working Space, Add</i>	31.52	
23 21 13 23-0761	EA 8", 150 Lb., Rubber Flange Gasket Replacement.....	145.19	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	6.24	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	137.75	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	158.60	
	<i>For Work In Restricted Working Space, Add</i>	38.21	
23 21 13 23-0762	EA 10", 150 Lb., Rubber Flange Gasket Replacement.....	161.18	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	8.86	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	195.72	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	225.35	
	<i>For Work In Restricted Working Space, Add</i>	40.76	
23 21 13 23-0763	EA 12", 150 Lb., Rubber Flange Gasket Replacement.....	186.27	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	11.33	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	250.14	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	288.00	
	<i>For Work In Restricted Working Space, Add</i>	46.17	
23 21 13 23-0764	EA 14", 150 Lb., Rubber Flange Gasket Replacement.....	197.91	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	13.54	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	299.07	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	344.34	
	<i>For Work In Restricted Working Space, Add</i>	47.77	
23 21 13 23-0765	EA 16", 150 Lb., Rubber Flange Gasket Replacement.....	255.42	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	15.10	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	333.47	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	383.95	
	<i>For Work In Restricted Working Space, Add</i>	63.68	
23 21 13 23-0766	EA 18", 150 Lb., Rubber Flange Gasket Replacement.....	277.46	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	15.76	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	348.00	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	400.68	
	<i>For Work In Restricted Working Space, Add</i>	69.73	
23 21 13 23-0767	EA 20", 150 Lb., Rubber Flange Gasket Replacement.....	331.67	
	<i>For 300 Lb. Rating Gasket Set, Add</i>	16.91	
	<i>For 150 Lb. Rating Teflon Gasket Set, Add</i>	373.36	
	<i>For 300 Lb. Rating Teflon Gasket Set, Add</i>	429.87	
	<i>For Work In Restricted Working Space, Add</i>	85.01	

**23 21 13 23-0768 Cut And Prepare For Welding Existing In-Place Black Steel Pipe (23 21 13 23-0393)**

Note: For use when connecting pipe to an existing in-place system.

23 21 13 23-0769	EA 1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	23.01	
	<i>For Work In Restricted Working Space, Add</i>	6.90	
23 21 13 23-0770	EA 3/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	24.85	
	<i>For Work In Restricted Working Space, Add</i>	7.46	
23 21 13 23-0771	EA 1", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	27.96	
	<i>For Work In Restricted Working Space, Add</i>	8.39	
23 21 13 23-0772	EA 1-1/4", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	29.34	
	<i>For Work In Restricted Working Space, Add</i>	8.80	
23 21 13 23-0773	EA 1-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	31.06	
	<i>For Work In Restricted Working Space, Add</i>	9.32	
23 21 13 23-0774	EA 2", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	33.36	
	<i>For Work In Restricted Working Space, Add</i>	10.01	
23 21 13 23-0775	EA 2-1/2", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	35.67	
	<i>For Work In Restricted Working Space, Add</i>	10.70	
23 21 13 23-0776	EA 3", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	39.12	
	<i>For Work In Restricted Working Space, Add</i>	11.74	
23 21 13 23-0777	EA 4", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	42.57	
	<i>For Work In Restricted Working Space, Add</i>	12.77	
23 21 13 23-0778	EA 6", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	46.02	
	<i>For Work In Restricted Working Space, Add</i>	13.81	
23 21 13 23-0779	EA 8", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	49.47	
	<i>For Work In Restricted Working Space, Add</i>	14.84	
23 21 13 23-0780	EA 10", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	54.08	
	<i>For Work In Restricted Working Space, Add</i>	16.22	
23 21 13 23-0781	EA 12", Cut And Prepare For Welding Existing In Place Black Steel Pipe.....	58.68	
	<i>For Work In Restricted Working Space, Add</i>	17.60	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0782 EA 14", Cut And Prepare For Welding Existing In Place Black Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i>	63.28 18.98	
23 21 13 23-0783 EA 16", Cut And Prepare For Welding Existing In Place Black Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i>	67.88 20.36	
23 21 13 23-0784 EA 18", Cut And Prepare For Welding Existing In Place Black Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i>	71.34 21.40	
23 21 13 23-0785 EA 20", Cut And Prepare For Welding Existing In Place Black Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i>	74.78 22.43	
23 21 13 23-0786 EA 24", Cut And Prepare For Welding Existing In Place Black Steel Pipe ..... <i>For Work In Restricted Working Space, Add</i>	79.39 23.82	
<b>23 21 13 23-0787 Welded Plain End Electric Resistance Black Steel Pipe</b> <small>(23 21 13 23-0393)</small> Note: ASTM A-135.		
23 21 13 23-0788 LF 2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	31.03 5.79	11.79
23 21 13 23-0789 LF 2-1/2" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	37.31 5.79	12.87
23 21 13 23-0790 LF 3" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	41.11 5.68	12.66
23 21 13 23-0791 LF 4" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	50.91 7.23	16.09
23 21 13 23-0792 LF 6" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	87.61 10.70	23.81
23 21 13 23-0793 LF 8.322" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	117.40 13.24	29.38
23 21 13 23-0794 LF 10.365" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	163.77 16.47	36.60
23 21 13 23-0795 LF 12.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	199.31 19.84	44.12
23 21 13 23-0796 LF 14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	252.95 25.76	57.25
<b>23 21 13 23-0797 Flanged Steel Fittings</b> <small>(23 21 13 23)</small> See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.		
<b>23 21 13 23-0798 Flanged Steel Fittings, Standard Weight</b> <small>(23 21 13 23-0797)</small> Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
<b>23 21 13 23-0799 Flanged Steel, 90 Degree Elbows</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0800 EA 2" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	334.31 208.11 312.17	49.48
23 21 13 23-0801 EA 2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	372.85 232.16 348.24	55.10
23 21 13 23-0802 EA 3" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	373.48 225.89 338.83	60.82
23 21 13 23-0803 EA 4" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	470.67 291.78 437.66	70.67
23 21 13 23-0804 EA 5" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	648.10 423.54 635.32	79.14
23 21 13 23-0805 EA 6" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	689.38 441.32 661.98	91.86
23 21 13 23-0806 EA 8" Standard Weight, Flanged Steel, 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	867.22 571.72 857.58	101.72
<b>23 21 13 23-0807 Flanged Steel, Reducing 90 Degree Elbows</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0808 EA 2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	603.92 420.41 630.61	52.35
23 21 13 23-0809 EA 3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	630.69 435.05 652.57	57.96
23 21 13 23-0810 EA 4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	782.22 546.94 820.42	65.69
23 21 13 23-0811 EA 5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow ..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	962.43 686.03 1,029.05	69.93



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-0812	EA	6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,097.04	81.27
		<i>For Galvanized Fittings, Add</i>	780.15	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,170.23	
23 21 13 23-0813	EA	8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow	1,521.67	96.84
		<i>For Galvanized Fittings, Add</i>	1,101.21	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,651.81	
<b>23 21 13 23-0814</b>		<b>Flanged Steel, 45 Degree Elbows</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0815	EA	2" Standard Weight, Flanged Steel, 45 Degree Elbow	428.43	49.48
		<i>For Galvanized Fittings, Add</i>	283.41	
		<i>For Extra Heavy Weight Fittings, Add</i>	425.11	
23 21 13 23-0816	EA	2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow	448.67	55.10
		<i>For Galvanized Fittings, Add</i>	292.82	
		<i>For Extra Heavy Weight Fittings, Add</i>	439.22	
23 21 13 23-0817	EA	3" Standard Weight, Flanged Steel, 45 Degree Elbow	467.60	60.82
		<i>For Galvanized Fittings, Add</i>	301.18	
		<i>For Extra Heavy Weight Fittings, Add</i>	451.78	
23 21 13 23-0818	EA	4" Standard Weight, Flanged Steel, 45 Degree Elbow	580.47	70.67
		<i>For Galvanized Fittings, Add</i>	379.62	
		<i>For Extra Heavy Weight Fittings, Add</i>	569.42	
23 21 13 23-0819	EA	5" Standard Weight, Flanged Steel, 45 Degree Elbow	825.88	79.14
		<i>For Galvanized Fittings, Add</i>	565.77	
		<i>For Extra Heavy Weight Fittings, Add</i>	848.65	
23 21 13 23-0820	EA	6" Standard Weight, Flanged Steel, 45 Degree Elbow	812.26	91.86
		<i>For Galvanized Fittings, Add</i>	539.62	
		<i>For Extra Heavy Weight Fittings, Add</i>	809.44	
23 21 13 23-0821	EA	8" Standard Weight, Flanged Steel, 45 Degree Elbow	954.73	101.72
		<i>For Galvanized Fittings, Add</i>	641.73	
		<i>For Extra Heavy Weight Fittings, Add</i>	962.59	
<b>23 21 13 23-0822</b>		<b>Flanged Steel, Tees</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0823	EA	2" Standard Weight, Flanged Steel, Tee	434.14	74.17
		<i>For Galvanized Fittings, Add</i>	258.31	
		<i>For Extra Heavy Weight Fittings, Add</i>	387.47	
23 21 13 23-0824	EA	2-1/2" Standard Weight, Flanged Steel, Tee	554.04	82.64
		<i>For Galvanized Fittings, Add</i>	344.06	
		<i>For Extra Heavy Weight Fittings, Add</i>	516.10	
23 21 13 23-0825	EA	3" Standard Weight, Flanged Steel, Tee	513.17	91.12
		<i>For Galvanized Fittings, Add</i>	301.19	
		<i>For Extra Heavy Weight Fittings, Add</i>	451.79	
23 21 13 23-0826	EA	4" Standard Weight, Flanged Steel, Tee	721.03	106.06
		<i>For Galvanized Fittings, Add</i>	449.68	
		<i>For Extra Heavy Weight Fittings, Add</i>	674.52	
23 21 13 23-0827	EA	5" Standard Weight, Flanged Steel, Tee	1,051.71	118.77
		<i>For Galvanized Fittings, Add</i>	698.97	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,048.45	
23 21 13 23-0828	EA	6" Standard Weight, Flanged Steel, Tee	1,280.01	137.85
		<i>For Galvanized Fittings, Add</i>	858.73	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,288.09	
23 21 13 23-0829	EA	8" Standard Weight, Flanged Steel, Tee	1,420.81	159.67
		<i>For Galvanized Fittings, Add</i>	945.09	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,417.63	
<b>23 21 13 23-0830</b>		<b>Flanged Steel, Reducing Tees</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0831	EA	2-1/2" Standard Weight, Flanged Steel, Reducing Tee	667.45	79.89
		<i>For Galvanized Fittings, Add</i>	438.18	
		<i>For Extra Heavy Weight Fittings, Add</i>	657.28	
23 21 13 23-0832	EA	3" Standard Weight, Flanged Steel, Reducing Tee	769.07	88.36
		<i>For Galvanized Fittings, Add</i>	509.30	
		<i>For Extra Heavy Weight Fittings, Add</i>	763.94	
23 21 13 23-0833	EA	4" Standard Weight, Flanged Steel, Reducing Tee	1,297.87	101.07
		<i>For Galvanized Fittings, Add</i>	917.09	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,375.63	
23 21 13 23-0834	EA	5" Standard Weight, Flanged Steel, Reducing Tee	1,405.51	114.53
		<i>For Galvanized Fittings, Add</i>	987.10	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,480.64	
23 21 13 23-0835	EA	6" Standard Weight, Flanged Steel, Reducing Tee	1,760.55	131.49
		<i>For Galvanized Fittings, Add</i>	1,250.78	
		<i>For Extra Heavy Weight Fittings, Add</i>	1,876.18	
23 21 13 23-0836	EA	8" Standard Weight, Flanged Steel, Reducing Tee	2,190.13	147.70
		<i>For Galvanized Fittings, Add</i>	1,574.95	
		<i>For Extra Heavy Weight Fittings, Add</i>	2,362.43	
<b>23 21 13 23-0837</b>		<b>Flanged Steel, Concentric Reducers</b> <small>(23 21 13 23-0798)</small>		
23 21 13 23-0838	EA	3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer	622.85	57.96
		<i>For Galvanized Fittings, Add</i>	428.78	
		<i>For Extra Heavy Weight Fittings, Add</i>	643.16	
23 21 13 23-0839	EA	4" x 3" Standard Weight, Flanged Steel, Concentric Reducer	707.71	65.69
		<i>For Galvanized Fittings, Add</i>	487.34	
		<i>For Extra Heavy Weight Fittings, Add</i>	731.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0840 EA 5" x 4" Standard Weight, Flanged Steel, Concentric Reducer .....	1,039.14	74.91
For Galvanized Fittings, Add	741.46	
For Extra Heavy Weight Fittings, Add	1,112.20	
23 21 13 23-0841 EA 6" x 4" Standard Weight, Flanged Steel, Concentric Reducer .....	1,145.41	81.27
For Galvanized Fittings, Add	818.85	
For Extra Heavy Weight Fittings, Add	1,228.27	
23 21 13 23-0842 EA 8" x 6" Standard Weight, Flanged Steel, Concentric Reducer .....	1,342.58	96.84
For Galvanized Fittings, Add	957.94	
For Extra Heavy Weight Fittings, Add	1,436.90	
<b>23 21 13 23-0843 Flanged Steel, Eccentric Reducers (23 21 13 23-0798)</b>		
23 21 13 23-0844 EA 4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer.....	674.77	65.69
For Galvanized Fittings, Add	460.98	
For Extra Heavy Weight Fittings, Add	691.48	
23 21 13 23-0845 EA 5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer.....	910.24	74.91
For Galvanized Fittings, Add	638.34	
For Extra Heavy Weight Fittings, Add	957.52	
<b>23 21 13 23-0846 Plain End Couplings And Fittings (23 21 13 23)</b>		
Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
<b>23 21 13 23-0847 Plain End Piping System Couplings (23 21 13 23-0846)</b>		
<b>23 21 13 23-0848 Plainlock Plain End Piping System Couplings (23 21 13 23-0847)</b>		
Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0849 EA 1" Plainlock Plain End Piping System Coupling.....	167.21	6.36
For Galvanized Fittings, Add	31.53	
23 21 13 23-0850 EA 1-1/2" Plainlock Plain End Piping System Coupling.....	170.92	8.79
For Galvanized Fittings, Add	31.53	
23 21 13 23-0851 EA 2" Plainlock Plain End Piping System Coupling.....	175.21	11.66
For Galvanized Fittings, Add	31.53	
23 21 13 23-0852 EA 2-1/2" Plainlock Plain End Piping System Coupling.....	178.87	14.09
For Galvanized Fittings, Add	31.53	
23 21 13 23-0853 EA 3" Plainlock Plain End Piping System Coupling.....	211.52	16.95
For Galvanized Fittings, Add	37.22	
23 21 13 23-0854 EA 4" Plainlock Plain End Piping System Coupling.....	291.73	22.57
For Galvanized Fittings, Add	51.56	
23 21 13 23-0855 EA 6" Plainlock Plain End Piping System Coupling.....	490.45	36.76
For Galvanized Fittings, Add	87.07	
<b>23 21 13 23-0856 Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0847)</b>		
Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0857 EA 1-1/2" Roust-A-Bout Plain End Piping System Coupling.....	201.55	8.79
For Galvanized Fittings, Add	47.08	
23 21 13 23-0858 EA 2" Roust-A-Bout Plain End Piping System Coupling.....	205.84	11.66
For Galvanized Fittings, Add	47.08	
23 21 13 23-0859 EA 2-1/2" Roust-A-Bout Plain End Piping System Coupling.....	209.51	14.19
For Galvanized Fittings, Add	47.08	
23 21 13 23-0860 EA 3" Roust-A-Bout Plain End Piping System Coupling.....	304.35	16.95
For Galvanized Fittings, Add	69.73	
23 21 13 23-0861 EA 3-1/2" Roust-A-Bout Plain End Piping System Coupling.....	352.49	19.82
For Galvanized Fittings, Add	80.70	
23 21 13 23-0862 EA 4" Roust-A-Bout Plain End Piping System Coupling.....	356.69	22.57
For Galvanized Fittings, Add	80.70	
23 21 13 23-0863 EA 5" Roust-A-Bout Plain End Piping System Coupling.....	503.57	28.29
For Galvanized Fittings, Add	115.29	
23 21 13 23-0864 EA 6" Roust-A-Bout Plain End Piping System Coupling.....	618.35	36.76
For Galvanized Fittings, Add	140.81	
23 21 13 23-0865 EA 8" Roust-A-Bout Plain End Piping System Coupling.....	1,064.48	43.86
For Galvanized Fittings, Add	249.69	
23 21 13 23-0866 EA 10" Roust-A-Bout Plain End Piping System Coupling.....	1,377.23	51.91
For Galvanized Fittings, Add	324.83	
23 21 13 23-0867 EA 12" Roust-A-Bout Plain End Piping System Coupling.....	1,722.60	61.45
For Galvanized Fittings, Add	407.60	
23 21 13 23-0868 EA 14" Roust-A-Bout Plain End Piping System Coupling.....	2,417.06	67.92
For Galvanized Fittings, Add	578.80	
23 21 13 23-0869 EA 16" Roust-A-Bout Plain End Piping System Coupling.....	3,285.63	76.82
For Galvanized Fittings, Add	792.62	
<b>23 21 13 23-0870 Plain End Piping System Fittings (23 21 13 23-0846)</b>		
Note: Cast ductile iron bodies.		
<b>23 21 13 23-0871 Plain End Piping System, 90 Degree Elbows (23 21 13 23-0870)</b>		
23 21 13 23-0872 EA 1" Plain End Piping System, 90 Degree Elbow.....	166.16	11.55
For Galvanized Fittings, Add	29.77	
23 21 13 23-0873 EA 1-1/2" Plain End Piping System, 90 Degree Elbow.....	175.07	17.48
For Galvanized Fittings, Add	29.77	
23 21 13 23-0874 EA 2" Plain End Piping System, 90 Degree Elbow.....	183.48	23.10
For Galvanized Fittings, Add	29.77	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0875	EA	2-1/2" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	191.03 29.77	28.19
23 21	13 23-0876	EA	3" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	229.92 35.76	34.12
23 21	13 23-0877	EA	4" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	328.12 52.14	44.92
23 21	13 23-0878	EA	5" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	986.82 180.49	56.26
23 21	13 23-0879	EA	6" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	827.97 143.52	73.63
23 21	13 23-0880	EA	8" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,646.76 303.13	87.41
23 21	13 23-0881	EA	10" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	2,058.03 380.98	102.14
23 21	13 23-0882	EA	12" Plain End Piping System, 90 Degree Elbow <i>For Galvanized Fittings, Add</i>	2,609.35 485.08	122.69
<b>23 21 13 23-0883 Plain End Piping System, 45 Degree Elbows (23 21 13 23-0870)</b>					
23 21	13 23-0884	EA	1" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	166.16 29.77	11.55
23 21	13 23-0885	EA	1-1/2" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	175.07 29.77	17.48
23 21	13 23-0886	EA	2" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	183.48 29.77	23.10
23 21	13 23-0887	EA	2-1/2" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	191.03 29.77	28.19
23 21	13 23-0888	EA	3" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	229.92 35.76	34.12
23 21	13 23-0889	EA	4" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	328.12 52.14	44.92
23 21	13 23-0890	EA	5" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	986.82 180.49	56.26
23 21	13 23-0891	EA	6" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	830.72 144.07	73.63
23 21	13 23-0892	EA	8" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	963.92 166.56	87.41
23 21	13 23-0893	EA	10" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,315.32 232.44	102.14
23 21	13 23-0894	EA	12" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,685.38 300.29	122.69
<b>23 21 13 23-0895 Plain End Piping System, Tees (23 21 13 23-0870)</b>					
23 21	13 23-0896	EA	1" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	226.66 40.09	17.48
23 21	13 23-0897	EA	1-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	239.80 40.09	26.27
23 21	13 23-0898	EA	2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	251.38 40.09	34.01
23 21	13 23-0899	EA	2-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	262.91 40.09	41.64
23 21	13 23-0900	EA	3" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	365.23 57.69	51.18
23 21	13 23-0901	EA	4" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	500.36 80.23	66.22
23 21	13 23-0902	EA	5" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,011.06 176.24	86.57
23 21	13 23-0903	EA	6" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,250.09 217.52	108.39
23 21	13 23-0904	EA	8" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,704.62 301.39	131.80
23 21	13 23-0905	EA	10" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	2,531.59 460.25	153.63
23 21	13 23-0906	EA	12" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	3,388.99 622.61	184.04
<b>23 21 13 23-0907 Plain End Piping System, Reducing Tees (23 21 13 23-0870)</b>					
23 21	13 23-0908	EA	1-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	438.41 79.24	28.19
23 21	13 23-0909	EA	2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	447.13 79.24	34.01
23 21	13 23-0910	EA	2-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	458.66 79.24	41.64
23 21	13 23-0911	EA	3" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	472.97 79.24	51.18
23 21	13 23-0912	EA	4" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	684.11 116.98	66.22
23 21	13 23-0913	EA	6" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,155.74 198.65	108.39
23 21	13 23-0914	EA	8" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,505.70 261.60	131.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0915 EA 10" Plain End Piping System, Reducing Tee .....	2,246.86	153.63
For Galvanized Fittings, Add	403.30	
23 21 13 23-0916 EA 12" Plain End Piping System, Reducing Tee .....	3,307.52	184.04
For Galvanized Fittings, Add	606.32	
<b>23 21 13 23-0917 Plain End Piping System, Wyes (23 21 13 23-0870)</b>		
23 21 13 23-0918 EA 2" Plain End Piping System, Wye .....	638.05	34.01
For Galvanized Fittings, Add	117.42	
23 21 13 23-0919 EA 2-1/2" Plain End Piping System, Wye .....	649.58	41.64
For Galvanized Fittings, Add	117.42	
23 21 13 23-0920 EA 3" Plain End Piping System, Wye .....	736.72	51.18
For Galvanized Fittings, Add	131.99	
23 21 13 23-0921 EA 4" Plain End Piping System, Wye .....	1,078.78	66.22
For Galvanized Fittings, Add	195.91	
23 21 13 23-0922 EA 5" Plain End Piping System, Wye .....	1,321.86	86.57
For Galvanized Fittings, Add	238.40	
23 21 13 23-0923 EA 6" Plain End Piping System, Wye .....	1,803.95	108.39
For Galvanized Fittings, Add	328.29	
23 21 13 23-0924 EA 8" Plain End Piping System, Wye .....	2,323.46	131.80
For Galvanized Fittings, Add	425.16	
23 21 13 23-0925 EA 10" Plain End Piping System, Wye .....	3,365.07	153.63
For Galvanized Fittings, Add	626.95	
23 21 13 23-0926 EA 12" Plain End Piping System, Wye .....	5,108.38	184.04
For Galvanized Fittings, Add	966.49	
<b>23 21 13 23-0927 Plain End Piping System, Laterals (23 21 13 23-0870)</b>		
23 21 13 23-0928 EA 2" Plain End Piping System, Lateral .....	679.57	34.01
For Galvanized Fittings, Add	125.73	
23 21 13 23-0929 EA 2-1/2" Plain End Piping System, Lateral .....	691.10	41.64
For Galvanized Fittings, Add	125.73	
23 21 13 23-0930 EA 3" Plain End Piping System, Lateral .....	777.97	51.18
For Galvanized Fittings, Add	140.24	
23 21 13 23-0931 EA 4" Plain End Piping System, Lateral .....	1,157.55	66.22
For Galvanized Fittings, Add	211.67	
23 21 13 23-0932 EA 5" Plain End Piping System, Lateral .....	1,509.47	86.57
For Galvanized Fittings, Add	275.92	
23 21 13 23-0933 EA 6" Plain End Piping System, Lateral .....	1,924.66	108.39
For Galvanized Fittings, Add	352.43	
23 21 13 23-0934 EA 8" Plain End Piping System, Lateral .....	2,766.82	131.80
For Galvanized Fittings, Add	513.83	
23 21 13 23-0935 EA 10" Plain End Piping System, Lateral .....	3,856.99	153.63
For Galvanized Fittings, Add	725.33	
23 21 13 23-0936 EA 12" Plain End Piping System, Lateral .....	5,181.49	184.04
For Galvanized Fittings, Add	981.11	
<b>23 21 13 23-0937 Plain End Piping System, Crosses (23 21 13 23-0870)</b>		
23 21 13 23-0938 EA 2" Plain End Piping System, Cross .....	758.90	50.97
For Galvanized Fittings, Add	85.32	
23 21 13 23-0939 EA 2-1/2" Plain End Piping System, Cross .....	776.17	62.41
For Galvanized Fittings, Add	85.32	
23 21 13 23-0940 EA 3" Plain End Piping System, Cross .....	906.85	76.82
For Galvanized Fittings, Add	98.96	
23 21 13 23-0941 EA 4" Plain End Piping System, Cross .....	1,236.39	99.28
For Galvanized Fittings, Add	135.95	
23 21 13 23-0942 EA 5" Plain End Piping System, Cross .....	1,739.50	129.90
For Galvanized Fittings, Add	193.09	
23 21 13 23-0943 EA 6" Plain End Piping System, Cross .....	2,282.71	162.10
For Galvanized Fittings, Add	254.96	
23 21 13 23-0944 EA 8" Plain End Piping System, Cross .....	2,911.06	196.33
For Galvanized Fittings, Add	327.09	
23 21 13 23-0945 EA 10" Plain End Piping System, Cross .....	4,161.99	229.49
For Galvanized Fittings, Add	477.25	
23 21 13 23-0946 EA 12" Plain End Piping System, Cross .....	5,919.11	276.11
For Galvanized Fittings, Add	688.15	
<b>23 21 13 23-0947 Plain End Piping System, Adapter Nipples (23 21 13 23-0870)</b>		
Note: Plain to threaded, plain to beveled or plain to grooved.		
23 21 13 23-0948 EA 1" Plain End Piping System, Adapter Nipple .....	70.35	6.36
For Galvanized Fittings, Add	15.20	
23 21 13 23-0949 EA 1-1/2" Plain End Piping System, Adapter Nipple .....	75.73	8.79
For Galvanized Fittings, Add	15.62	
23 21 13 23-0950 EA 2" Plain End Piping System, Adapter Nipple .....	79.91	11.66
For Galvanized Fittings, Add	15.62	
23 21 13 23-0951 EA 2-1/2" Plain End Piping System, Adapter Nipple .....	94.39	14.09
For Galvanized Fittings, Add	18.30	
23 21 13 23-0952 EA 3" Plain End Piping System, Adapter Nipple .....	115.88	16.95
For Galvanized Fittings, Add	22.61	
23 21 13 23-0953 EA 4" Plain End Piping System, Adapter Nipple .....	185.16	22.57
For Galvanized Fittings, Add	37.82	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0954	EA		6" Plain End Piping System, Adapter Nipple..... <i>For Galvanized Fittings, Add</i>	451.43 102.26	28.29
<b>23 21 13 23-0955</b>			<b>Plain End Piping System, Reducing (Swaged) Nipples</b> <small>(23 21 13 23-0870)</small>		
23 21 13 23-0956	EA		1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	227.14 51.09	15.15
23 21 13 23-0957	EA		2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	231.39 51.09	18.01
23 21 13 23-0958	EA		2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	235.67 51.09	20.87
23 21 13 23-0959	EA		2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	234.63 51.09	20.24
23 21 13 23-0960	EA		2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	238.80 51.09	22.99
23 21 13 23-0961	EA		2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	243.02 51.09	25.75
23 21 13 23-0962	EA		3" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	283.79 62.22	23.31
23 21 13 23-0963	EA		3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	287.55 62.22	25.75
23 21 13 23-0964	EA		3" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	234.36 47.86	28.61
23 21 13 23-0965	EA		3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	242.57 47.86	34.12
23 21 13 23-0966	EA		3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	283.96 57.22	36.76
23 21 13 23-0967	EA		4" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	393.41 87.50	28.92
23 21 13 23-0968	EA		4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	397.12 87.50	31.47
23 21 13 23-0969	EA		4" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	316.45 66.26	34.33
23 21 13 23-0970	EA		4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	320.09 66.26	36.76
23 21 13 23-0971	EA		4" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	324.41 66.26	39.62
23 21 13 23-0972	EA		4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	328.54 66.26	42.38
23 21 13 23-0973	EA		5" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,034.53 243.65	39.94
23 21 13 23-0974	EA		5" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	820.00 188.06	45.13
23 21 13 23-0975	EA		5" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	695.36 154.76	50.97
23 21 13 23-0976	EA		6" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,921.62 464.25	43.13
23 21 13 23-0977	EA		6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,925.28 464.25	45.56
23 21 13 23-0978	EA		6" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,446.08 343.38	48.42
23 21 13 23-0979	EA		6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,449.84 343.38	50.97
23 21 13 23-0980	EA		6" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	970.66 222.54	53.72
23 21 13 23-0981	EA		6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	974.51 222.54	56.26
23 21 13 23-0982	EA		6" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	763.96 168.77	59.34
23 21 13 23-0983	EA		6" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	871.42 193.51	64.95
23 21 13 23-0984	EA		8" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,164.54 268.38	60.71
23 21 13 23-0985	EA		8" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,173.10 268.38	66.43
23 21 13 23-0986	EA		8" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,329.38 305.32	72.15
23 21 13 23-0987	EA		8" x 6" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,489.89 342.24	80.63
<b>23 21 13 23-0988</b>			<b>Plain End Piping System, Bull Plugs</b> <small>(23 21 13 23-0870)</small>		
23 21 13 23-0989	EA		1" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	333.17 97.09	6.36
23 21 13 23-0990	EA		1-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	336.88 97.09	8.79
23 21 13 23-0991	EA		2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	341.06 97.09	11.66
23 21 13 23-0992	EA		2-1/2" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	344.82 97.09	14.09
23 21 13 23-0993	EA		3" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	499.83 142.32	16.95
23 21 13 23-0994	EA		4" Plain End Piping System, Bull Plug..... <i>For Galvanized Fittings, Add</i>	646.66 183.83	22.57





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0995 EA 5" Plain End Piping System, Bull Plug ..... <i>For Galvanized Fittings, Add</i>	1,125.26 324.87	28.29
23 21 13 23-0996 EA 6" Plain End Piping System, Bull Plug ..... <i>For Galvanized Fittings, Add</i>	1,499.41 433.30	36.76
23 21 13 23-0997 EA 8" Plain End Piping System, Bull Plug ..... <i>For Galvanized Fittings, Add</i>	2,781.05 814.61	43.76
23 21 13 23-0998 EA 10" Plain End Piping System, Bull Plug ..... <i>For Galvanized Fittings, Add</i>	5,006.08 1,478.79	51.18
23 21 13 23-0999 EA 12" Plain End Piping System, Bull Plug ..... <i>For Galvanized Fittings, Add</i>	7,672.54 2,274.11	61.45
<b>23 21 13 23-1000 Carbon Steel Piping Systems</b> <small>(23 21 13 23)</small>		
<b>23 21 13 23-1001 Class 3,000 Lb. Carbon Steel Socket Weld Fittings</b> <small>(23 21 13 23-1000)</small> Note: ASTM A105		
<b>23 21 13 23-1002 90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1003 EA 1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	50.35	20.97
23 21 13 23-1004 EA 3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	56.81	23.41
23 21 13 23-1005 EA 1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	79.19	26.17
23 21 13 23-1006 EA 1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	118.92	29.67
23 21 13 23-1007 EA 1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	136.78	33.38
23 21 13 23-1008 EA 2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	190.95	42.48
23 21 13 23-1009 EA 2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	417.18	62.83
23 21 13 23-1010 EA 3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	606.05	82.64
23 21 13 23-1011 EA 4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	1,161.28	91.70
<b>23 21 13 23-1012 45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1013 EA 1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	58.71	20.97
23 21 13 23-1014 EA 3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	69.45	23.41
23 21 13 23-1015 EA 1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	83.08	26.17
23 21 13 23-1016 EA 1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	123.85	29.67
23 21 13 23-1017 EA 1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	148.57	33.38
23 21 13 23-1018 EA 2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	190.70	42.48
23 21 13 23-1019 EA 2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	489.34	62.83
23 21 13 23-1020 EA 3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	667.11	82.64
23 21 13 23-1021 EA 4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	1,134.86	91.70
<b>23 21 13 23-1022 Straight Tees, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1023 EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	60.79	26.17
23 21 13 23-1024 EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	76.40	30.19
23 21 13 23-1025 EA 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	108.56	35.70
23 21 13 23-1026 EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	153.40	42.48
23 21 13 23-1027 EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	187.25	50.64
23 21 13 23-1028 EA 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	255.75	62.83
23 21 13 23-1029 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	512.89	82.64
23 21 13 23-1030 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	731.19	98.11
23 21 13 23-1031 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	1,545.72	115.76
<b>23 21 13 23-1032 Reducing Tees, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1033 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	63.08	26.17
23 21 13 23-1034 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	78.76	30.19
23 21 13 23-1035 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	111.39	35.70
23 21 13 23-1036 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	160.11	42.48
23 21 13 23-1037 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	195.12	50.64
23 21 13 23-1038 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	267.82	62.83
23 21 13 23-1039 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	541.57	82.64
23 21 13 23-1040 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	772.50	98.11
23 21 13 23-1041 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	1,398.73	115.76
<b>23 21 13 23-1042 Straight Couplings, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1043 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	40.05	20.97
23 21 13 23-1044 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	45.40	23.41
23 21 13 23-1045 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	54.97	26.17
23 21 13 23-1046 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	64.26	29.67
23 21 13 23-1047 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	76.77	33.38
23 21 13 23-1048 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	102.62	42.48
23 21 13 23-1049 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	192.21	62.83
23 21 13 23-1050 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	259.10	82.64
23 21 13 23-1051 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 Lb.....	407.10	91.70
<b>23 21 13 23-1052 Reducing Couplings, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21 13 23-1053 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	44.72	20.97
23 21 13 23-1054 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	50.51	23.41
23 21 13 23-1055 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.....	63.16	26.17



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21	13 23-1056	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	74.15	29.67
23 21	13 23-1057	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	91.44	33.38
23 21	13 23-1058	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	118.30	42.48
23 21	13 23-1059	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	226.74	62.83
23 21	13 23-1060	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	328.56	82.64
23 21	13 23-1061	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 Lb.	551.48	91.70
<b>23 21</b>	<b>13 23-1062</b>		<b>Caps, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21	13 23-1063	EA	1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	28.41	9.85
23 21	13 23-1064	EA	3/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	33.64	10.49
23 21	13 23-1065	EA	1" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	39.83	12.08
23 21	13 23-1066	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	47.95	13.14
23 21	13 23-1067	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	58.34	13.14
23 21	13 23-1068	EA	2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	75.84	16.84
23 21	13 23-1069	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	150.37	20.97
23 21	13 23-1070	EA	3" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	225.42	25.33
23 21	13 23-1071	EA	4" Cap, Carbon Steel, Socket Weld, 3,000 Lb.	339.36	31.38
<b>23 21</b>	<b>13 23-1072</b>		<b>Black Cast Iron Square Head Plug</b> <small>(23 21 13 23-1001)</small>		
23 21	13 23-1073	EA	1/2" Square Head Plug, Black, Cast Iron	15.44	8.37
23 21	13 23-1074	EA	3/4" Square Head Plug, Black, Cast Iron	19.88	8.37
23 21	13 23-1075	EA	1" Square Head Plug, Black, Cast Iron	27.24	12.71
23 21	13 23-1076	EA	1-1/4" Square Head Plug, Black, Cast Iron	28.13	12.71
23 21	13 23-1077	EA	1-1/2" Square Head Plug, Black, Cast Iron	31.81	12.71
23 21	13 23-1078	EA	2" Square Head Plug, Black, Cast Iron	41.94	16.84
23 21	13 23-1079	EA	2-1/2" Square Head Plug, Black, Cast Iron	55.50	20.97
23 21	13 23-1080	EA	3" Square Head Plug, Black, Cast Iron	76.68	25.33
23 21	13 23-1081	EA	4" Square Head Plug, Black, Cast Iron	92.53	31.38
<b>23 21</b>	<b>13 23-1082</b>		<b>Unions, 3,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1001)</small>		
23 21	13 23-1083	EA	1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	87.78	26.17
23 21	13 23-1084	EA	3/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	95.09	30.19
23 21	13 23-1085	EA	1" Union, Carbon Steel, Socket Weld, 3,000 Lb.	126.31	35.70
23 21	13 23-1086	EA	1-1/4" Union, Carbon Steel, Socket Weld, 3,000 Lb.	164.12	42.48
23 21	13 23-1087	EA	1-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	198.57	50.64
23 21	13 23-1088	EA	2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	249.15	62.83
23 21	13 23-1089	EA	2-1/2" Union, Carbon Steel, Socket Weld, 3,000 Lb.	499.17	68.23
23 21	13 23-1090	EA	3" Union, Carbon Steel, Socket Weld, 3,000 Lb.	686.33	82.64
<b>23 21</b>	<b>13 23-1091</b>		<b>Class 6,000 Lb. Carbon Steel Socket Weld Fittings</b> <small>(23 21 13 23-1000)</small>		
			Note: ASTM A105		
<b>23 21</b>	<b>13 23-1092</b>		<b>90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>		
23 21	13 23-1093	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	60.42	20.97
23 21	13 23-1094	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	68.31	23.41
23 21	13 23-1095	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	100.41	26.17
23 21	13 23-1096	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	158.48	29.67
23 21	13 23-1097	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	182.81	33.38
23 21	13 23-1098	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	258.56	42.48
23 21	13 23-1099	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	588.73	62.83
23 21	13 23-1100	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	862.11	82.64
23 21	13 23-1101	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,705.05	91.70
<b>23 21</b>	<b>13 23-1102</b>		<b>45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>		
23 21	13 23-1103	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	74.17	20.97
23 21	13 23-1104	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	88.87	23.41
23 21	13 23-1105	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	107.90	26.17
23 21	13 23-1106	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	168.81	29.67
23 21	13 23-1107	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	204.33	33.38
23 21	13 23-1108	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	262.64	42.48
23 21	13 23-1109	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	713.09	62.83
23 21	13 23-1110	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	974.66	82.64
23 21	13 23-1111	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB	1,699.61	91.70
<b>23 21</b>	<b>13 23-1112</b>		<b>Straight Tees, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>		
23 21	13 23-1113	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	80.74	26.17
23 21	13 23-1114	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	105.22	30.19
23 21	13 23-1115	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	159.55	35.70
23 21	13 23-1116	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	236.54	42.48
23 21	13 23-1117	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	290.34	50.64
23 21	13 23-1118	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	405.40	62.83
23 21	13 23-1119	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	873.14	82.64
23 21	13 23-1120	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	1,272.13	98.11
23 21	13 23-1121	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 Lb.	2,816.60	115.76



		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-1122 Reducing Tees, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1123	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	63.08	26.17
23 21 13 23-1124	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	78.76	30.19
23 21 13 23-1125	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	111.39	35.70
23 21 13 23-1126	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	160.11	42.48
23 21 13 23-1127	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	195.12	50.64
23 21 13 23-1128	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	267.82	62.83
23 21 13 23-1129	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	541.57	82.64
23 21 13 23-1130	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	772.50	98.11
23 21 13 23-1131	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	1,398.73	115.76
<b>23 21 13 23-1132 Straight Couplings, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1133	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	44.24	20.97
23 21 13 23-1134	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	50.36	23.41
23 21 13 23-1135	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	62.58	26.17
23 21 13 23-1136	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	73.85	29.67
23 21 13 23-1137	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	89.67	33.38
23 21 13 23-1138	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	121.47	42.48
23 21 13 23-1139	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	239.61	62.83
23 21 13 23-1140	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	324.48	82.64
23 21 13 23-1141	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 Lb. ....	537.52	91.70
<b>23 21 13 23-1142 Reducing Couplings, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1143	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	51.11	20.97
23 21 13 23-1144	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	57.89	23.41
23 21 13 23-1145	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	74.64	26.17
23 21 13 23-1146	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	88.42	29.67
23 21 13 23-1147	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	111.28	33.38
23 21 13 23-1148	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	144.54	42.48
23 21 13 23-1149	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	290.36	62.83
23 21 13 23-1150	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	426.79	82.64
23 21 13 23-1151	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 Lb. ....	750.23	91.70
<b>23 21 13 23-1152 Caps, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1153	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	37.60	9.85
23 21 13 23-1154	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	45.68	10.49
23 21 13 23-1155	EA	1" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	54.40	12.08
23 21 13 23-1156	EA	1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	66.96	13.14
23 21 13 23-1157	EA	1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	84.32	13.14
23 21 13 23-1158	EA	2" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	109.74	16.84
23 21 13 23-1159	EA	2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	230.21	20.97
23 21 13 23-1160	EA	3" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	351.21	25.33
23 21 13 23-1161	EA	4" Cap, Carbon Steel, Socket Weld, 6,000 Lb. ....	535.50	31.38
<b>23 21 13 23-1162 Black Cast Iron Square Head Plug</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1163	EA	1/2" Square Head Plug, Black Cast Iron ....	15.45	8.37
23 21 13 23-1164	EA	3/4" Square Head Plug, Black Cast Iron ....	19.91	8.37
23 21 13 23-1165	EA	1" Square Head Plug, Black Cast Iron ....	27.28	12.71
23 21 13 23-1166	EA	1-1/4" Square Head Plug, Black Cast Iron ....	28.17	12.71
23 21 13 23-1167	EA	1-1/2" Square Head Plug, Black Cast Iron ....	31.87	12.71
23 21 13 23-1168	EA	2" Square Head Plug, Black Cast Iron ....	42.02	16.84
23 21 13 23-1169	EA	2-1/2" Square Head Plug, Black Cast Iron ....	55.62	20.97
23 21 13 23-1170	EA	3" Square Head Plug, Black Cast Iron ....	76.87	25.33
23 21 13 23-1171	EA	4" Square Head Plug, Black Cast Iron ....	92.76	31.38
<b>23 21 13 23-1172 Unions, 6,000 Lb. Carbon Steel Socket Weld</b> <small>(23 21 13 23-1091)</small>				
23 21 13 23-1173	EA	1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	117.46	26.17
23 21 13 23-1174	EA	3/4" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	125.55	30.19
23 21 13 23-1175	EA	1" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	170.83	35.70
23 21 13 23-1176	EA	1-1/4" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	225.56	42.48
23 21 13 23-1177	EA	1-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	273.55	50.64
23 21 13 23-1178	EA	2" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	343.92	62.83
23 21 13 23-1179	EA	2-1/2" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	741.81	68.23
23 21 13 23-1180	EA	3" Union, Carbon Steel, Socket Weld, 6,000 Lb. ....	1,030.25	82.64
<b>23 21 13 23-1181 Carbon Steel, Seamless Piping System</b> <small>(23 21 13 23-1000)</small>				
Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.				
<b>23 21 13 23-1182 Schedule 40, Carbon Steel, Seamless Piping</b> <small>(23 21 13 23-1181)</small>				
Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.				
23 21 13 23-1183	LF	1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe .....	11.28	3.92
			1.94	
<i>For Schedule 80, Add</i>				

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1184	LF	1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe..... <i>For Schedule 80, Add</i> <i>For Schedule 160, Add</i>	11.36 1.78 7.41	4.24
23 21	13 23-1185	LF	3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe..... <i>For Schedule 80, Add</i> <i>For Schedule 160, Add</i>	12.88 2.17 9.06	4.55
23 21	13 23-1186	LF	1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe..... <i>For Schedule 80, Add</i> <i>For Schedule 160, Add</i>	13.63 2.24 9.35	4.98
23 21	13 23-1187	LF	1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe..... <i>For Schedule 80, Add</i> <i>For Schedule 160, Add</i>	19.32 3.64 15.15	6.15
23 21	13 23-1188	LF	2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe..... <i>For Schedule 80, Add</i> <i>For Schedule 160, Add</i>	23.23 4.35 18.12	7.41
<b>23 21 13 23-1189 90 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1181)</b>					
23 21	13 23-1190	EA	1/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	36.18	16.11
23 21	13 23-1191	EA	1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	44.67	18.86
23 21	13 23-1192	EA	3/4" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	49.84	21.09
23 21	13 23-1193	EA	1" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	58.27	23.52
23 21	13 23-1194	EA	1-1/2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	104.34	30.09
23 21	13 23-1195	EA	2" 90 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	132.06	38.25
23 21	13 23-1196	EA	1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	39.99	16.11
23 21	13 23-1197	EA	1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	46.10	18.86
23 21	13 23-1198	EA	3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	54.54	21.09
23 21	13 23-1199	EA	1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	68.52	23.52
23 21	13 23-1200	EA	1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	128.81	30.09
23 21	13 23-1201	EA	2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	159.10	38.25
23 21	13 23-1202	EA	1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	59.41	18.86
23 21	13 23-1203	EA	3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	71.31	21.09
23 21	13 23-1204	EA	1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	86.14	23.52
23 21	13 23-1205	EA	1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	178.32	30.09
23 21	13 23-1206	EA	2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	290.41	38.25
<b>23 21 13 23-1207 45 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1181)</b>					
23 21	13 23-1208	EA	1/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	43.85	16.11
23 21	13 23-1209	EA	1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	47.74	18.86
23 21	13 23-1210	EA	3/4" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	53.81	21.09
23 21	13 23-1211	EA	1" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	61.29	23.52
23 21	13 23-1212	EA	1-1/2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	94.57	30.09
23 21	13 23-1213	EA	2" 45 Degree Elbow, 2,000 Lb., Screwed Carbon Steel .....	147.13	38.25
23 21	13 23-1214	EA	1/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	44.46	16.11
23 21	13 23-1215	EA	1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	51.23	18.86
23 21	13 23-1216	EA	3/4" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	57.83	21.09
23 21	13 23-1217	EA	1" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	71.75	23.52
23 21	13 23-1218	EA	1-1/2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	125.03	30.09
23 21	13 23-1219	EA	2" 45 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	167.54	38.25
23 21	13 23-1220	EA	1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	68.61	18.86
23 21	13 23-1221	EA	3/4" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	87.91	21.09
23 21	13 23-1222	EA	1" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	92.37	23.52
23 21	13 23-1223	EA	1-1/2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	213.63	30.09
23 21	13 23-1224	EA	2" 45 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	292.74	38.25
<b>23 21 13 23-1225 Straight Tees, Screwed Carbon Steel (23 21 13 23-1181)</b>					
23 21	13 23-1226	EA	1/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	48.62	22.35
23 21	13 23-1227	EA	1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	56.58	23.52
23 21	13 23-1228	EA	3/4" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	69.74	27.23
23 21	13 23-1229	EA	1" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	87.80	32.11
23 21	13 23-1230	EA	1-1/2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	151.72	45.56
23 21	13 23-1231	EA	2" Tee, Straight, 2,000 Lb., Screwed Carbon Steel .....	188.11	56.58
23 21	13 23-1232	EA	1/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	51.87	22.35
23 21	13 23-1233	EA	1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	58.70	23.52
23 21	13 23-1234	EA	3/4" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	76.82	27.23
23 21	13 23-1235	EA	1" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	93.86	32.11
23 21	13 23-1236	EA	1-1/2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	172.72	45.56
23 21	13 23-1237	EA	2" Tee, Straight, 3,000 Lb., Screwed Carbon Steel .....	222.85	56.58
23 21	13 23-1238	EA	1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel .....	74.68	23.52
23 21	13 23-1239	EA	3/4" Tee, Straight, 6,000 Lb., Screwed Carbon Steel .....	93.99	27.23
23 21	13 23-1240	EA	1" Tee, Straight, 6,000 Lb., Screwed Carbon Steel .....	136.31	32.11
23 21	13 23-1241	EA	1-1/2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel .....	220.95	45.56
23 21	13 23-1242	EA	2" Tee, Straight, 6,000 Lb., Screwed Carbon Steel .....	376.59	56.58
<b>23 21 13 23-1243 Crosses, Screwed Carbon Steel (23 21 13 23-1181)</b>					
23 21	13 23-1244	EA	1/4" Cross, 2,000 Lb., Screwed Carbon Steel.....	79.53	28.29
23 21	13 23-1245	EA	1/2" Cross, 2,000 Lb., Screwed Carbon Steel.....	96.92	31.78
23 21	13 23-1246	EA	3/4" Cross, 2,000 Lb., Screwed Carbon Steel.....	104.76	33.91



	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1247	EA		1" Cross, 2,000 Lb., Screwed Carbon Steel .....	131.45	40.90
23 21 13 23-1248	EA		1-1/2" Cross, 2,000 Lb., Screwed Carbon Steel .....	254.75	57.21
23 21 13 23-1249	EA		2" Cross, 2,000 Lb., Screwed Carbon Steel .....	334.93	70.67
23 21 13 23-1250	EA		1/2" Cross, 3,000 Lb., Screwed Carbon Steel .....	100.92	31.78
23 21 13 23-1251	EA		3/4" Cross, 3,000 Lb., Screwed Carbon Steel .....	127.73	33.91
23 21 13 23-1252	EA		1" Cross, 3,000 Lb., Screwed Carbon Steel .....	151.53	40.90
23 21 13 23-1253	EA		1-1/2" Cross, 3,000 Lb., Screwed Carbon Steel .....	283.73	57.21
23 21 13 23-1254	EA		2" Cross, 3,000 Lb., Screwed Carbon Steel .....	387.84	70.67
23 21 13 23-1255	EA		1/2" Cross, 6,000 Lb., Screwed Carbon Steel .....	175.70	31.78
23 21 13 23-1256	EA		3/4" Cross, 6,000 Lb., Screwed Carbon Steel .....	331.85	33.91
23 21 13 23-1257	EA		1" Cross, 6,000 Lb., Screwed Carbon Steel .....	466.07	40.90
23 21 13 23-1258	EA		1-1/2" Cross, 6,000 Lb., Screwed Carbon Steel .....	751.45	57.21
23 21 13 23-1259	EA		2" Cross, 6,000 Lb., Screwed Carbon Steel .....	808.41	70.67
<b>23 21 13 23-1260</b>			<b>Straight Couplings, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1261	EA		1/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	31.00	16.11
23 21 13 23-1262	EA		1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	34.89	18.86
23 21 13 23-1263	EA		3/4" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	40.75	21.09
23 21 13 23-1264	EA		1" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	49.06	23.52
23 21 13 23-1265	EA		1-1/2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	79.66	30.09
23 21 13 23-1266	EA		2" Coupling, Straight, 3,000 Lb., Screwed Carbon Steel .....	101.05	38.25
23 21 13 23-1267	EA		1/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	40.59	16.11
23 21 13 23-1268	EA		1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	40.96	18.86
23 21 13 23-1269	EA		3/4" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	45.41	21.09
23 21 13 23-1270	EA		1" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	55.27	23.52
23 21 13 23-1271	EA		1-1/2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	89.14	30.09
23 21 13 23-1272	EA		2" Coupling, Straight, 6,000 Lb., Screwed Carbon Steel .....	135.70	38.25
<b>23 21 13 23-1273</b>			<b>Reducing Couplings, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1274	EA		1/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	32.34	17.17
23 21 13 23-1275	EA		1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	38.03	18.86
23 21 13 23-1276	EA		3/4" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	45.56	21.09
23 21 13 23-1277	EA		1" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	55.72	23.52
23 21 13 23-1278	EA		1-1/2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	81.39	30.09
23 21 13 23-1279	EA		2" Coupling, Reducing, 3,000 Lb., Screwed Carbon Steel .....	110.39	38.25
23 21 13 23-1280	EA		1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel .....	160.79	18.86
23 21 13 23-1281	EA		3/4" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel .....	164.15	21.09
23 21 13 23-1282	EA		1" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel .....	193.96	23.52
23 21 13 23-1283	EA		1-1/2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel .....	285.85	30.09
23 21 13 23-1284	EA		2" Coupling, Reducing, 6,000 Lb., Screwed Carbon Steel .....	419.87	38.25
<b>23 21 13 23-1285</b>			<b>Caps, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1286	EA		1/4" Cap, 3,000 Lb., Screwed Carbon Steel .....	16.48	7.20
23 21 13 23-1287	EA		1/2" Cap, 3,000 Lb., Screwed Carbon Steel .....	18.82	8.37
23 21 13 23-1288	EA		3/4" Cap, 3,000 Lb., Screwed Carbon Steel .....	22.78	9.43
23 21 13 23-1289	EA		1" Cap, 3,000 Lb., Screwed Carbon Steel .....	29.03	10.49
23 21 13 23-1290	EA		1-1/2" Cap, 3,000 Lb., Screwed Carbon Steel .....	41.26	13.35
23 21 13 23-1291	EA		2" Cap, 3,000 Lb., Screwed Carbon Steel .....	58.40	17.06
23 21 13 23-1292	EA		1/4" Cap, 6,000 Lb., Screwed Carbon Steel .....	27.99	7.20
23 21 13 23-1293	EA		1/2" Cap, 6,000 Lb., Screwed Carbon Steel .....	26.19	8.37
23 21 13 23-1294	EA		3/4" Cap, 6,000 Lb., Screwed Carbon Steel .....	34.79	9.43
23 21 13 23-1295	EA		1" Cap, 6,000 Lb., Screwed Carbon Steel .....	37.80	10.49
23 21 13 23-1296	EA		1-1/2" Cap, 6,000 Lb., Screwed Carbon Steel .....	77.01	13.35
23 21 13 23-1297	EA		2" Cap, 6,000 Lb., Screwed Carbon Steel .....	93.21	17.06
<b>23 21 13 23-1298</b>			<b>Nipples, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1299	EA		1/4" Nipple, 2" Long, Screwed Carbon Steel .....	19.37	9.64
23 21 13 23-1300	EA		1/2" Nipple, 2" Long, Screwed Carbon Steel .....	19.50	10.06
23 21 13 23-1301	EA		3/4" Nipple, 2" Long, Screwed Carbon Steel .....	19.21	10.06
23 21 13 23-1302	EA		1" Nipple, 2" Long, Screwed Carbon Steel .....	22.12	10.91
23 21 13 23-1303	EA		1-1/2" Nipple, 2" Long, Screwed Carbon Steel .....	26.45	11.76
23 21 13 23-1304	EA		2" Nipple, 2" Long, Screwed Carbon Steel .....	29.41	15.15
23 21 13 23-1305	EA		1/4" Nipple, 4" Long, Screwed Carbon Steel .....	21.57	9.64
23 21 13 23-1306	EA		1/2" Nipple, 4" Long, Screwed Carbon Steel .....	21.24	10.06
23 21 13 23-1307	EA		3/4" Nipple, 4" Long, Screwed Carbon Steel .....	21.18	10.06
23 21 13 23-1308	EA		1" Nipple, 4" Long, Screwed Carbon Steel .....	24.78	10.91
23 21 13 23-1309	EA		1-1/2" Nipple, 4" Long, Screwed Carbon Steel .....	31.19	11.76
23 21 13 23-1310	EA		2" Nipple, 4" Long, Screwed Carbon Steel .....	36.34	15.15
23 21 13 23-1311	EA		1/4" Nipple, 6" Long, Screwed Carbon Steel .....	26.82	9.64
23 21 13 23-1312	EA		1/2" Nipple, 6" Long, Screwed Carbon Steel .....	24.01	10.06
23 21 13 23-1313	EA		3/4" Nipple, 6" Long, Screwed Carbon Steel .....	24.26	10.06
23 21 13 23-1314	EA		1" Nipple, 6" Long, Screwed Carbon Steel .....	28.60	10.91
23 21 13 23-1315	EA		1-1/2" Nipple, 6" Long, Screwed Carbon Steel .....	37.66	11.76
23 21 13 23-1316	EA		2" Nipple, 6" Long, Screwed Carbon Steel .....	42.08	15.15

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-1317 Unions, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1318 EA 1/4" Union, 3,000 Lb., Screwed Carbon Steel.....	39.56	23.41
23 21 13 23-1319 EA 1/2" Union, 3,000 Lb., Screwed Carbon Steel.....	39.08	23.52
23 21 13 23-1320 EA 3/4" Union, 3,000 Lb., Screwed Carbon Steel.....	44.61	27.23
23 21 13 23-1321 EA 1" Union, 3,000 Lb., Screwed Carbon Steel.....	53.80	32.11
23 21 13 23-1322 EA 1-1/2" Union, 3,000 Lb., Screwed Carbon Steel.....	77.84	45.56
23 21 13 23-1323 EA 2" Union, 3,000 Lb., Screwed Carbon Steel.....	96.76	56.58
23 21 13 23-1324 EA 1/4" Union, 6,000 Lb., Screwed Carbon Steel.....	90.47	23.41
23 21 13 23-1325 EA 1/2" Union, 6,000 Lb., Screwed Carbon Steel.....	100.62	23.52
23 21 13 23-1326 EA 3/4" Union, 6,000 Lb., Screwed Carbon Steel.....	119.15	27.23
23 21 13 23-1327 EA 1" Union, 6,000 Lb., Screwed Carbon Steel.....	145.66	32.11
23 21 13 23-1328 EA 1-1/2" Union, 6,000 Lb., Screwed Carbon Steel.....	265.68	45.56
23 21 13 23-1329 EA 2" Union, 6,000 Lb., Screwed Carbon Steel.....	327.93	56.58
<b>23 21 13 23-1330 Weld Neck Flanges, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1331 EA 1/2" Flange, 150 Lb., Screwed Carbon Steel.....	92.74	43.76
23 21 13 23-1332 EA 3/4" Flange, 150 Lb., Screwed Carbon Steel.....	96.78	45.88
23 21 13 23-1333 EA 1" Flange, 150 Lb., Screwed Carbon Steel.....	99.76	47.89
23 21 13 23-1334 EA 1-1/2" Flange, 150 Lb., Screwed Carbon Steel.....	109.79	53.93
23 21 13 23-1335 EA 2" Flange, 150 Lb., Screwed Carbon Steel.....	113.32	56.26
23 21 13 23-1336 EA 1/2" Flange, 300 Lb., Screwed Carbon Steel.....	94.45	43.76
For Ring Type Joint, Add	28.79	
For Blind Flange, Deduct	-32.02	
23 21 13 23-1337 EA 3/4" Flange, 300 Lb., Screwed Carbon Steel.....	98.60	45.88
For Ring Type Joint, Add	29.76	
For Blind Flange, Deduct	-33.49	
23 21 13 23-1338 EA 1" Flange, 300 Lb., Screwed Carbon Steel.....	102.52	47.89
For Ring Type Joint, Add	30.70	
For Blind Flange, Deduct	-34.87	
23 21 13 23-1339 EA 1-1/2" Flange, 300 Lb., Screwed Carbon Steel.....	116.41	53.93
For Ring Type Joint, Add	35.53	
For Blind Flange, Deduct	-39.46	
23 21 13 23-1340 EA 2" Flange, 300 Lb., Screwed Carbon Steel.....	119.94	56.26
For Ring Type Joint, Add	35.53	
For Blind Flange, Deduct	-40.87	
23 21 13 23-1341 EA 1/2" Flange, 600 Lb., Screwed Carbon Steel.....	105.78	43.76
For Ring Type Joint, Add	40.12	
For Blind Flange, Deduct	-34.29	
23 21 13 23-1342 EA 3/4" Flange, 600 Lb., Screwed Carbon Steel.....	108.96	45.88
For Ring Type Joint, Add	40.12	
For Blind Flange, Deduct	-35.56	
23 21 13 23-1343 EA 1" Flange, 600 Lb., Screwed Carbon Steel.....	113.77	47.89
For Ring Type Joint, Add	41.95	
For Blind Flange, Deduct	-37.12	
23 21 13 23-1344 EA 1-1/2" Flange, 600 Lb., Screwed Carbon Steel.....	130.33	53.93
For Ring Type Joint, Add	49.45	
For Blind Flange, Deduct	-42.24	
23 21 13 23-1345 EA 2" Flange, 600 Lb., Screwed Carbon Steel.....	130.44	56.26
For Ring Type Joint, Add	46.03	
For Blind Flange, Deduct	-42.97	
<b>23 21 13 23-1346 Square Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1347 EA 1/4" Square Head Plug, Screwed Carbon Steel.....	7.00	2.96
23 21 13 23-1348 EA 1/2" Square Head Plug, Screwed Carbon Steel.....	8.37	3.50
23 21 13 23-1349 EA 3/4" Square Head Plug, Screwed Carbon Steel.....	9.87	4.03
23 21 13 23-1350 EA 1" Square Head Plug, Screwed Carbon Steel.....	14.31	5.93
23 21 13 23-1351 EA 1-1/2" Square Head Plug, Screwed Carbon Steel.....	20.99	5.93
23 21 13 23-1352 EA 2" Square Head Plug, Screwed Carbon Steel.....	31.75	7.74
<b>23 21 13 23-1353 Hex Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1354 EA 1/4" Hex Head Plug, Screwed Carbon Steel.....	6.34	2.96
23 21 13 23-1355 EA 1/2" Hex Head Plug, Screwed Carbon Steel.....	7.75	3.50
23 21 13 23-1356 EA 3/4" Hex Head Plug, Screwed Carbon Steel.....	9.47	4.03
23 21 13 23-1357 EA 1" Hex Head Plug, Screwed Carbon Steel.....	13.96	5.93
23 21 13 23-1358 EA 1-1/2" Hex Head Plug, Screwed Carbon Steel.....	19.52	5.93
23 21 13 23-1359 EA 2" Hex Head Plug, Screwed Carbon Steel.....	32.79	7.74
<b>23 21 13 23-1360 Round Head Plugs, Screwed Carbon Steel</b> (23 21 13 23-1181)		
23 21 13 23-1361 EA 1/4" Round Head Plug, Screwed Carbon Steel.....	8.50	2.96
23 21 13 23-1362 EA 1/2" Round Head Plug, Screwed Carbon Steel.....	8.46	3.50
23 21 13 23-1363 EA 3/4" Round Head Plug, Screwed Carbon Steel.....	9.59	4.03
23 21 13 23-1364 EA 1" Round Head Plug, Screwed Carbon Steel.....	14.55	5.93
23 21 13 23-1365 EA 1-1/2" Round Head Plug, Screwed Carbon Steel.....	22.85	5.93
23 21 13 23-1366 EA 2" Round Head Plug, Screwed Carbon Steel.....	32.39	7.74
<b>23 21 13 23-1367 Hexagon Bushings, Screwed Carbon Steel</b> (23 21 13 23-1181)		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1368 EA 1/4" Hex Bushing, Screwed Carbon Steel .....	6.84	2.96
23 21 13 23-1369 EA 1/2" Hex Bushing, Screwed Carbon Steel .....	7.73	3.50
23 21 13 23-1370 EA 3/4" Hex Bushing, Screwed Carbon Steel .....	9.30	4.03
23 21 13 23-1371 EA 1" Hex Bushing, Screwed Carbon Steel .....	14.43	5.93
23 21 13 23-1372 EA 1-1/2" Hex Bushing, Screwed Carbon Steel .....	19.40	5.93
23 21 13 23-1373 EA 2" Hex Bushing, Screwed Carbon Steel .....	31.25	7.74
<b>23 21 13 23-1374 90 Degree Street Elbows, Screwed Carbon Steel</b> <small>(23 21 13 23-1181)</small>		
23 21 13 23-1375 EA 1/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	48.36	16.11
23 21 13 23-1376 EA 1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	54.23	18.86
23 21 13 23-1377 EA 3/4" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	65.01	21.09
23 21 13 23-1378 EA 1" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	78.03	23.52
23 21 13 23-1379 EA 1-1/2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	136.49	30.09
23 21 13 23-1380 EA 2" 90 Degree Elbow, 3,000 Lb., Screwed Carbon Steel .....	187.82	38.25
23 21 13 23-1381 EA 1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	89.02	18.86
23 21 13 23-1382 EA 3/4" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	135.75	21.09
23 21 13 23-1383 EA 1" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	196.41	23.52
23 21 13 23-1384 EA 1-1/2" 90 Degree Elbow, 6,000 Lb., Screwed Carbon Steel .....	462.13	30.09
<b>23 21 13 23-1385 Screwed Carbon Steel Laterals</b> <small>(23 21 13 23-1181)</small>		
23 21 13 23-1386 EA 1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel .....	274.97	23.52
23 21 13 23-1387 EA 3/4" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel .....	332.51	27.23
23 21 13 23-1388 EA 1" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel .....	408.69	32.11
23 21 13 23-1389 EA 1-1/2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel .....	518.50	45.56
23 21 13 23-1390 EA 2" Lateral, Straight, 3,000 Lb., Screwed Carbon Steel .....	647.46	56.58
23 21 13 23-1391 EA 1/2" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel .....	356.25	23.52
23 21 13 23-1392 EA 3/4" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel .....	453.38	27.23
23 21 13 23-1393 EA 1" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel .....	537.93	32.11
23 21 13 23-1394 EA 1-1/2" Lateral, Straight, 6,000 Lb., Screwed Carbon Steel .....	756.11	45.56
<b>23 21 13 23-1395 Grooved-Joint Pipe</b> <small>(23 21 13 23)</small>		
Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
<b>23 21 13 23-1396 Schedule 10 Black Grooved Pipe</b> <small>(23 21 13 23-1395)</small>		
23 21 13 23-1397 LF 2" Black Schedule 10 Grooved Pipe .....	34.90	13.46
23 21 13 23-1398 LF 2-1/2" Black Schedule 10 Grooved Pipe .....	46.82	18.44
23 21 13 23-1399 LF 3" Black Schedule 10 Grooved Pipe .....	52.79	20.45
23 21 13 23-1400 LF 3-1/2" Black Schedule 10 Grooved Pipe .....	60.16	21.19
23 21 13 23-1401 LF 4" Black Schedule 10 Grooved Pipe .....	63.52	22.99
23 21 13 23-1402 LF 5" Black Schedule 10 Grooved Pipe .....	93.27	28.19
23 21 13 23-1403 LF 6" Black Schedule 10 Grooved Pipe .....	117.14	40.06
23 21 13 23-1404 LF 8" Black Schedule 10 Grooved Pipe .....	168.21	44.92
23 21 13 23-1405 LF 10" Black Schedule 10 Grooved Pipe .....	212.67	54.14
23 21 13 23-1406 LF 12" Black Schedule 10 Grooved Pipe .....	246.26	61.34
<b>23 21 13 23-1407 Schedule 40 Black Grooved Pipe</b> <small>(23 21 13 23-1395)</small>		
23 21 13 23-1408 LF 3/4" Black Schedule 40 Grooved Pipe .....	20.87	8.16
23 21 13 23-1409 LF 1" Black Schedule 40 Grooved Pipe .....	23.59	9.22
23 21 13 23-1410 LF 1-1/4" Black Schedule 40 Grooved Pipe .....	27.20	9.96
23 21 13 23-1411 LF 1-1/2" Black Schedule 40 Grooved Pipe .....	30.96	11.33
23 21 13 23-1412 LF 2" Black Schedule 40 Grooved Pipe .....	38.89	14.41
23 21 13 23-1413 LF 2-1/2" Black Schedule 40 Grooved Pipe .....	54.46	19.71
23 21 13 23-1414 LF 3" Black Schedule 40 Grooved Pipe .....	64.93	22.47
23 21 13 23-1415 LF 4" Black Schedule 40 Grooved Pipe .....	81.85	25.00
23 21 13 23-1416 LF 5" Black Schedule 40 Grooved Pipe .....	116.03	30.40
23 21 13 23-1417 LF 6" Black Schedule 40 Grooved Pipe .....	153.66	43.86
23 21 13 23-1418 LF 8" Black Schedule 40 Grooved Pipe .....	211.03	49.70
23 21 13 23-1419 LF 10" Black Schedule 40 Grooved Pipe .....	298.58	59.34
23 21 13 23-1420 LF 12" Black Schedule 40 Grooved Pipe .....	353.19	68.13
23 21 13 23-1421 LF 14" Black Schedule 40 Grooved Pipe .....	464.50	92.07
23 21 13 23-1422 LF 16" Black Schedule 40 Grooved Pipe .....	537.59	108.29
23 21 13 23-1423 LF 18" Black Schedule 40 Grooved Pipe .....	669.83	131.49
23 21 13 23-1424 LF 20" Black Schedule 40 Grooved Pipe .....	770.91	153.31
23 21 13 23-1425 LF 24" Black Schedule 40 Grooved Pipe .....	1,021.60	184.04
<b>23 21 13 23-1426 Schedule 80 Black Grooved Pipe</b> <small>(23 21 13 23-1395)</small>		
23 21 13 23-1427 LF 3/4" Black Schedule 80 Grooved Pipe .....	22.89	8.90
23 21 13 23-1428 LF 1" Black Schedule 80 Grooved Pipe .....	25.74	9.43
23 21 13 23-1429 LF 1-1/4" Black Schedule 80 Grooved Pipe .....	30.73	10.49
23 21 13 23-1430 LF 1-1/2" Black Schedule 80 Grooved Pipe .....	35.13	11.76
23 21 13 23-1431 LF 2" Black Schedule 80 Grooved Pipe .....	45.49	15.15
23 21 13 23-1432 LF 2-1/2" Black Schedule 80 Grooved Pipe .....	64.53	20.87
23 21 13 23-1433 LF 3" Black Schedule 80 Grooved Pipe .....	78.14	23.41
23 21 13 23-1434 LF 4" Black Schedule 80 Grooved Pipe .....	101.39	25.54
23 21 13 23-1435 LF 5" Black Schedule 80 Grooved Pipe .....	160.65	32.11
23 21 13 23-1436 LF 6" Black Schedule 80 Grooved Pipe .....	205.67	45.98



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-1437	LF	8" Black Schedule 80 Grooved Pipe .....		321.35	52.56
23 21 13 23-1438	LF	10" Black Schedule 80 Grooved Pipe .....		401.59	63.47
23 21 13 23-1439	LF	12" Black Schedule 80 Grooved Pipe .....		414.81	76.71
<b>23 21 13 23-1440</b>		<b>Schedule 40 Galvanized Grooved Pipe</b> <small>(23 21 13 23-1395)</small>			
23 21 13 23-1441	LF	3/4" Galvanized Schedule 40 Grooved Pipe .....		19.29	8.16
23 21 13 23-1442	LF	1" Galvanized Schedule 40 Grooved Pipe .....		22.43	9.22
23 21 13 23-1443	LF	1-1/4" Galvanized Schedule 40 Grooved Pipe .....		25.07	9.96
23 21 13 23-1444	LF	1-1/2" Galvanized Schedule 40 Grooved Pipe .....		28.55	11.33
23 21 13 23-1445	LF	2" Galvanized Schedule 40 Grooved Pipe .....		36.07	14.41
23 21 13 23-1446	LF	2-1/2" Galvanized Schedule 40 Grooved Pipe .....		50.65	19.71
23 21 13 23-1447	LF	3" Galvanized Schedule 40 Grooved Pipe .....		60.40	22.47
23 21 13 23-1448	LF	4" Galvanized Schedule 40 Grooved Pipe .....		75.36	25.00
23 21 13 23-1449	LF	5" Galvanized Schedule 40 Grooved Pipe .....		107.23	30.40
23 21 13 23-1450	LF	6" Galvanized Schedule 40 Grooved Pipe .....		143.79	43.86
23 21 13 23-1451	LF	8" Galvanized Schedule 40 Grooved Pipe .....		193.42	49.70
23 21 13 23-1452	LF	10" Galvanized Schedule 40 Grooved Pipe .....		275.77	59.34
23 21 13 23-1453	LF	12" Galvanized Schedule 40 Grooved Pipe .....		326.31	68.13
<b>23 21 13 23-1454</b>		<b>Schedule 80 Galvanized Grooved Pipe</b> <small>(23 21 13 23-1395)</small>			
23 21 13 23-1455	LF	3/4" Galvanized Schedule 80 Grooved Pipe .....		20.68	8.90
23 21 13 23-1456	LF	1" Galvanized Schedule 80 Grooved Pipe .....		27.56	9.43
23 21 13 23-1457	LF	1-1/4" Galvanized Schedule 80 Grooved Pipe .....		27.60	10.49
23 21 13 23-1458	LF	1-1/2" Galvanized Schedule 80 Grooved Pipe .....		36.42	12.50
23 21 13 23-1459	LF	2" Galvanized Schedule 80 Grooved Pipe .....		40.91	15.15
23 21 13 23-1460	LF	2-1/2" Galvanized Schedule 80 Grooved Pipe .....		58.11	20.87
23 21 13 23-1461	LF	3" Galvanized Schedule 80 Grooved Pipe .....		70.36	23.41
23 21 13 23-1462	LF	4" Galvanized Schedule 80 Grooved Pipe .....		89.69	25.54
23 21 13 23-1463	LF	5" Galvanized Schedule 80 Grooved Pipe .....		136.89	32.11
23 21 13 23-1464	LF	6" Galvanized Schedule 80 Grooved Pipe .....		176.19	45.98
23 21 13 23-1465	LF	8" Galvanized Schedule 80 Grooved Pipe .....		268.10	52.56
23 21 13 23-1466	LF	10" Galvanized Schedule 80 Grooved Pipe .....		318.82	63.47
23 21 13 23-1467	LF	12" Galvanized Schedule 80 Grooved Pipe .....		347.91	76.71
<b>23 21 13 23-1468</b>		<b>Painted Grooved-Joint Pipe Fittings</b> <small>(23 21 13 23)</small>			
		Note: Couplings are not included with fittings.			
<b>23 21 13 23-1469</b>		<b>Grooved Elbows</b> <small>(23 21 13 23-1468)</small>			
<b>23 21 13 23-1470</b>		<b>90 Degree Grooved Elbows</b> <small>(23 21 13 23-1469)</small>			
		Note: Victaulic No. 10			
23 21 13 23-1471	EA	3/4", Ductile Iron, Grooved 90 Degree Elbow .....		85.56	11.55
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1472	EA	1", Ductile Iron, Grooved 90 Degree Elbow .....		85.56	11.55
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1473	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow .....		89.89	14.41
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1474	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow .....		94.48	17.48
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1475	EA	2", Ductile Iron, Grooved 90 Degree Elbow .....		102.88	23.10
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1476	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow .....		110.43	28.19
		<i>For Galvanized Fittings, Add</i>		22.52	
23 21 13 23-1477	EA	3", Ductile Iron, Grooved 90 Degree Elbow .....		172.38	34.12
		<i>For Galvanized Fittings, Add</i>		40.01	
23 21 13 23-1478	EA	4", Ductile Iron, Grooved 90 Degree Elbow .....		199.55	45.03
		<i>For Galvanized Fittings, Add</i>		43.58	
23 21 13 23-1479	EA	5", Ductile Iron, Grooved 90 Degree Elbow .....		405.83	56.26
		<i>For Galvanized Fittings, Add</i>		106.09	
23 21 13 23-1480	EA	6", Ductile Iron, Grooved 90 Degree Elbow .....		483.96	73.63
		<i>For Galvanized Fittings, Add</i>		123.29	
23 21 13 23-1481	EA	8", Ductile Iron, Grooved 90 Degree Elbow .....		917.69	87.63
		<i>For Galvanized Fittings, Add</i>		259.48	
23 21 13 23-1482	EA	10", Ductile Iron, Grooved 90 Degree Elbow .....		1,378.35	102.24
		<i>For Galvanized Fittings, Add</i>		404.27	
23 21 13 23-1483	EA	12", Ductile Iron, Grooved 90 Degree Elbow .....		2,147.52	122.69
		<i>For Galvanized Fittings, Add</i>		647.98	
23 21 13 23-1484	EA	14", Steel, Grooved 90 Degree Elbow .....		4,291.21	138.48
		<i>For Galvanized Fittings, Add</i>		1,347.57	
23 21 13 23-1485	EA	16", Steel, Grooved 90 Degree Elbow .....		5,573.26	153.31
		<i>For Galvanized Fittings, Add</i>		1,763.31	
23 21 13 23-1486	EA	18", Steel, Grooved 90 Degree Elbow .....		7,028.04	167.51
		<i>For Galvanized Fittings, Add</i>		2,236.39	
23 21 13 23-1487	EA	20", Steel, Grooved 90 Degree Elbow .....		9,166.81	174.18
		<i>For Galvanized Fittings, Add</i>		2,938.84	
23 21 13 23-1488	EA	24", Steel, Grooved 90 Degree Elbow .....		13,124.08	205.98
		<i>For Galvanized Fittings, Add</i>		4,229.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-1489      45 Degree Grooved Elbows</b> <small>(23 21 13 23-1469)</small>		
<i>Note: Victaulic No. 11</i>		
23 21 13 23-1490    EA    3/4", Ductile Iron, Grooved 45 Degree Elbow .....	85.52	11.55
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1491    EA    1", Ductile Iron, Grooved 45 Degree Elbow .....	85.52	11.55
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1492    EA    1-1/4", Ductile Iron, Grooved 45 Degree Elbow .....	89.85	14.41
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1493    EA    1-1/2", Ductile Iron, Grooved 45 Degree Elbow .....	94.44	17.48
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1494    EA    2", Ductile Iron, Grooved 45 Degree Elbow .....	102.84	23.10
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1495    EA    2-1/2", Ductile Iron, Grooved 45 Degree Elbow .....	110.39	28.19
<i>For Galvanized Fittings, Add</i>		
	<i>16.37</i>	
23 21 13 23-1496    EA    3", Ductile Iron, Grooved 45 Degree Elbow .....	172.33	34.12
<i>For Galvanized Fittings, Add</i>		
	<i>29.09</i>	
23 21 13 23-1497    EA    4", Ductile Iron, Grooved 45 Degree Elbow .....	199.55	45.03
<i>For Galvanized Fittings, Add</i>		
	<i>31.69</i>	
23 21 13 23-1498    EA    5", Ductile Iron, Grooved 45 Degree Elbow .....	405.83	56.26
<i>For Galvanized Fittings, Add</i>		
	<i>77.15</i>	
23 21 13 23-1499    EA    6", Ductile Iron, Grooved 45 Degree Elbow .....	483.96	73.63
<i>For Galvanized Fittings, Add</i>		
	<i>89.66</i>	
23 21 13 23-1500    EA    8", Ductile Iron, Grooved 45 Degree Elbow .....	917.69	87.63
<i>For Galvanized Fittings, Add</i>		
	<i>188.71</i>	
23 21 13 23-1501    EA    10", Ductile Iron, Grooved 45 Degree Elbow .....	1,378.35	102.24
<i>For Galvanized Fittings, Add</i>		
	<i>294.01</i>	
23 21 13 23-1502    EA    12", Ductile Iron, Grooved 45 Degree Elbow .....	2,147.52	122.69
<i>For Galvanized Fittings, Add</i>		
	<i>471.26</i>	
23 21 13 23-1503    EA    14", Steel, Grooved 45 Degree Elbow .....	4,291.21	138.48
<i>For Galvanized Fittings, Add</i>		
	<i>980.05</i>	
23 21 13 23-1504    EA    16", Steel, Grooved 45 Degree Elbow .....	5,573.26	153.31
<i>For Galvanized Fittings, Add</i>		
	<i>1,282.40</i>	
23 21 13 23-1505    EA    18", Steel, Grooved 45 Degree Elbow .....	7,028.04	167.51
<i>For Galvanized Fittings, Add</i>		
	<i>1,626.47</i>	
23 21 13 23-1506    EA    20", Steel, Grooved 45 Degree Elbow .....	9,167.28	174.51
<i>For Galvanized Fittings, Add</i>		
	<i>2,137.34</i>	
23 21 13 23-1507    EA    24", Steel, Grooved 45 Degree Elbow .....	13,124.08	205.98
<i>For Galvanized Fittings, Add</i>		
	<i>3,075.69</i>	
<b>23 21 13 23-1508      22-1/2 Degree Grooved Elbows</b> <small>(23 21 13 23-1469)</small>		
<i>Note: Victaulic No. 12</i>		
23 21 13 23-1509    EA    1", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	90.01	11.55
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1510    EA    1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	94.34	14.41
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1511    EA    1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	98.93	17.48
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1512    EA    2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	107.33	23.10
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1513    EA    2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	114.88	28.19
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1514    EA    3", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	157.46	34.12
<i>For Galvanized Fittings, Add</i>		
	<i>25.52</i>	
23 21 13 23-1515    EA    4", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	210.06	45.03
<i>For Galvanized Fittings, Add</i>		
	<i>34.22</i>	
23 21 13 23-1516    EA    5", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	526.48	56.26
<i>For Galvanized Fittings, Add</i>		
	<i>106.11</i>	
23 21 13 23-1517    EA    6", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	514.26	73.63
<i>For Galvanized Fittings, Add</i>		
	<i>96.94</i>	
23 21 13 23-1518    EA    8", Ductile Iron, Grooved 22-1/2 Degree Elbow .....	976.47	87.63
<i>For Galvanized Fittings, Add</i>		
	<i>202.82</i>	
23 21 13 23-1519    EA    10", Steel, Grooved 22-1/2 Degree Elbow .....	1,313.48	102.24
<i>For Galvanized Fittings, Add</i>		
	<i>278.45</i>	
23 21 13 23-1520    EA    12", Steel, Grooved 22-1/2 Degree Elbow .....	1,752.43	122.69
<i>For Galvanized Fittings, Add</i>		
	<i>376.44</i>	
23 21 13 23-1521    EA    14", Steel, Grooved 22-1/2 Degree Elbow .....	2,019.30	138.48
<i>For Galvanized Fittings, Add</i>		
	<i>434.79</i>	
23 21 13 23-1522    EA    16", Steel, Grooved 22-1/2 Degree Elbow .....	2,402.72	153.31
<i>For Galvanized Fittings, Add</i>		
	<i>521.47</i>	
23 21 13 23-1523    EA    18", Steel, Grooved 22-1/2 Degree Elbow .....	2,882.53	167.51
<i>For Galvanized Fittings, Add</i>		
	<i>631.54</i>	
23 21 13 23-1524    EA    20", Steel, Grooved 22-1/2 Degree Elbow .....	3,372.27	174.18
<i>For Galvanized Fittings, Add</i>		
	<i>746.65</i>	
23 21 13 23-1525    EA    24", Steel, Grooved 22-1/2 Degree Elbow .....	4,489.30	205.98
<i>For Galvanized Fittings, Add</i>		
	<i>1,003.34</i>	
<b>23 21 13 23-1526      11-1/4 Degree Grooved Elbows</b> <small>(23 21 13 23-1469)</small>		
<i>Note: Victaulic No. 13</i>		
23 21 13 23-1527    EA    1", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	90.01	11.55
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	
23 21 13 23-1528    EA    1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	94.34	14.41
<i>For Galvanized Fittings, Add</i>		
	<i>17.45</i>	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1529	EA		1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	98.93	17.48
			<i>For Galvanized Fittings, Add</i>	17.45	
23 21 13 23-1530	EA		2", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	107.33	23.10
			<i>For Galvanized Fittings, Add</i>	17.45	
23 21 13 23-1531	EA		2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	114.88	28.19
			<i>For Galvanized Fittings, Add</i>	17.45	
23 21 13 23-1532	EA		3", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	157.45	34.12
			<i>For Galvanized Fittings, Add</i>	25.52	
23 21 13 23-1533	EA		4", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	210.05	45.03
			<i>For Galvanized Fittings, Add</i>	34.21	
23 21 13 23-1534	EA		5", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	526.46	56.26
			<i>For Galvanized Fittings, Add</i>	106.10	
23 21 13 23-1535	EA		6", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	514.24	73.63
			<i>For Galvanized Fittings, Add</i>	96.93	
23 21 13 23-1536	EA		8", Ductile Iron, Grooved 11-1/4 Degree Elbow .....	976.42	87.63
			<i>For Galvanized Fittings, Add</i>	202.81	
23 21 13 23-1537	EA		10", Steel, Grooved 11-1/4 Degree Elbow .....	1,313.42	102.24
			<i>For Galvanized Fittings, Add</i>	278.43	
23 21 13 23-1538	EA		12", Steel, Grooved 11-1/4 Degree Elbow .....	1,752.34	122.69
			<i>For Galvanized Fittings, Add</i>	376.41	
23 21 13 23-1539	EA		14", Steel, Grooved 11-1/4 Degree Elbow .....	2,019.21	138.48
			<i>For Galvanized Fittings, Add</i>	434.76	
23 21 13 23-1540	EA		16", Steel, Grooved 11-1/4 Degree Elbow .....	2,402.63	153.42
			<i>For Galvanized Fittings, Add</i>	521.44	
23 21 13 23-1541	EA		18", Steel, Grooved 11-1/4 Degree Elbow .....	2,882.35	167.51
			<i>For Galvanized Fittings, Add</i>	631.51	
23 21 13 23-1542	EA		20", Steel, Grooved 11-1/4 Degree Elbow .....	3,372.10	174.18
			<i>For Galvanized Fittings, Add</i>	746.61	
23 21 13 23-1543	EA		24", Steel, Grooved 11-1/4 Degree Elbow .....	4,489.07	205.98
			<i>For Galvanized Fittings, Add</i>	1,003.28	
<b>23 21 13 23-1544</b>			<b>90 Degree Grooved Long Radius Elbows</b> <small>(23 21 13 23-1469)</small>		
			Note: Victaulic No. 100		
23 21 13 23-1545	EA		2", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	190.67	23.10
			<i>For Galvanized Fittings, Add</i>	37.45	
23 21 13 23-1546	EA		2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	494.95	28.19
			<i>For Galvanized Fittings, Add</i>	108.66	
23 21 13 23-1547	EA		3", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	207.17	34.12
			<i>For Galvanized Fittings, Add</i>	37.45	
23 21 13 23-1548	EA		4", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	301.24	45.03
			<i>For Galvanized Fittings, Add</i>	56.10	
23 21 13 23-1549	EA		5", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	1,282.44	56.26
			<i>For Galvanized Fittings, Add</i>	287.54	
23 21 13 23-1550	EA		6", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	794.16	73.63
			<i>For Galvanized Fittings, Add</i>	164.11	
23 21 13 23-1551	EA		8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow .....	1,771.58	87.63
			<i>For Galvanized Fittings, Add</i>	393.65	
23 21 13 23-1552	EA		10", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	3,554.10	102.24
			<i>For Galvanized Fittings, Add</i>	816.19	
23 21 13 23-1553	EA		12", Ductile Iron, Grooved 90 Degree Long Radius Elbow .....	4,239.41	122.69
			<i>For Galvanized Fittings, Add</i>	973.31	
<b>23 21 13 23-1554</b>			<b>Grooved Tees, Wyes And Crosses</b> <small>(23 21 13 23-1468)</small>		
<b>23 21 13 23-1555</b>			<b>Grooved Tees</b> <small>(23 21 13 23-1554)</small>		
			Note: Victaulic No. 20		
23 21 13 23-1556	EA		3/4", Ductile Iron, Grooved Tee.....	127.08	15.15
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1557	EA		1", Ductile Iron, Grooved Tee.....	130.53	17.48
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1558	EA		1-1/4", Ductile Iron, Grooved Tee .....	136.36	21.40
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1559	EA		1-1/2", Ductile Iron, Grooved Tee .....	143.65	26.27
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1560	EA		2", Ductile Iron, Grooved Tee.....	155.22	34.01
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1561	EA		2-1/2", Ductile Iron, Grooved Tee .....	166.79	41.64
			<i>For Galvanized Fittings, Add</i>	31.29	
23 21 13 23-1562	EA		3", Ductile Iron, Grooved Tee.....	222.78	51.18
			<i>For Galvanized Fittings, Add</i>	43.83	
23 21 13 23-1563	EA		4", Ductile Iron, Grooved Tee.....	323.35	66.22
			<i>For Galvanized Fittings, Add</i>	67.23	
23 21 13 23-1564	EA		5", Ductile Iron, Grooved Tee.....	655.57	86.57
			<i>For Galvanized Fittings, Add</i>	157.74	
23 21 13 23-1565	EA		6", Ductile Iron, Grooved Tee.....	769.98	108.29
			<i>For Galvanized Fittings, Add</i>	182.30	
23 21 13 23-1566	EA		8", Ductile Iron, Grooved Tee.....	1,524.47	131.49
			<i>For Galvanized Fittings, Add</i>	398.22	
23 21 13 23-1567	EA		10", Ductile Iron, Grooved Tee.....	2,600.28	153.31
			<i>For Galvanized Fittings, Add</i>	711.11	
23 21 13 23-1568	EA		12", Ductile Iron, Grooved Tee.....	3,594.41	184.04
			<i>For Galvanized Fittings, Add</i>	995.55	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1569 EA 14", Steel, Grooved Tee ..... <i>For Galvanized Fittings, Add</i>	3,926.75 1,086.05	204.49
23 21 13 23-1570 EA 16", Steel, Grooved Tee ..... <i>For Galvanized Fittings, Add</i>	4,919.72 1,383.42	205.65
23 21 13 23-1571 EA 18", Steel, Grooved Tee ..... <i>For Galvanized Fittings, Add</i>	6,115.11 1,732.51	226.84
23 21 13 23-1572 EA 20", Steel, Grooved Tee ..... <i>For Galvanized Fittings, Add</i>	8,620.10 2,482.40	230.45
23 21 13 23-1573 EA 24", Steel, Grooved Tee ..... <i>For Galvanized Fittings, Add</i>	13,138.17 3,814.10	283.11
<b>23 21 13 23-1574 Grooved Wyes (90 Degree True Wye) (23 21 13 23-1554)</b> Note: Victaulic No. 33		
23 21 13 23-1575 EA 1", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	466.28 70.41	17.48
23 21 13 23-1576 EA 1-1/4", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	472.11 70.41	21.40
23 21 13 23-1577 EA 1-1/2", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	479.40 70.41	26.27
23 21 13 23-1578 EA 2", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	490.97 70.41	34.01
23 21 13 23-1579 EA 2-1/2", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	502.54 70.41	41.64
23 21 13 23-1580 EA 3", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	602.70 84.16	51.18
23 21 13 23-1581 EA 4", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	788.22 110.24	66.22
23 21 13 23-1582 EA 5", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	1,117.34 158.01	86.57
23 21 13 23-1583 EA 6", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	1,384.20 195.50	108.29
23 21 13 23-1584 EA 8", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	1,956.94 281.58	131.49
23 21 13 23-1585 EA 10", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	3,267.42 486.00	153.31
23 21 13 23-1586 EA 12", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	3,631.64 536.92	184.04
23 21 13 23-1587 EA 14", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	4,138.44 613.10	204.49
23 21 13 23-1588 EA 16", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	5,285.10 796.34	205.44
23 21 13 23-1589 EA 18", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	6,033.67 910.91	227.05
23 21 13 23-1590 EA 20", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	8,601.98 1,321.13	230.02
23 21 13 23-1591 EA 24", Steel, Grooved Wye ..... <i>For Galvanized Fittings, Add</i>	13,261.94 2,053.99	283.11
<b>23 21 13 23-1592 Grooved Crosses (23 21 13 23-1554)</b> Note: Victaulic No. 35		
23 21 13 23-1593 EA 3/4", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	319.07 42.74	22.78
23 21 13 23-1594 EA 1", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	324.25 42.74	26.27
23 21 13 23-1595 EA 1-1/4", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	391.95 51.58	32.11
23 21 13 23-1596 EA 1-1/2", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	429.54 55.58	39.41
23 21 13 23-1597 EA 2", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	285.77 31.41	50.97
23 21 13 23-1598 EA 2-1/2", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	303.12 31.41	62.51
23 21 13 23-1599 EA 3", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	491.30 56.44	76.71
23 21 13 23-1600 EA 4", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	775.22 93.95	99.28
23 21 13 23-1601 EA 5", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	1,474.25 191.94	129.80
23 21 13 23-1602 EA 6", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	1,889.76 246.95	162.43
23 21 13 23-1603 EA 8", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	2,463.82 325.23	197.18
23 21 13 23-1604 EA 10", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	4,042.87 554.70	230.02
23 21 13 23-1605 EA 12", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	5,750.35 800.47	276.11
23 21 13 23-1606 EA 14", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	5,988.73 829.33	306.73
23 21 13 23-1607 EA 16", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	7,695.15 1,084.89	308.53
23 21 13 23-1608 EA 18", Steel, Grooved Cross ..... <i>For Galvanized Fittings, Add</i>	9,375.58 1,329.83	340.22

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 20 HVAC Piping and Pumps**

**23 21 Hydronic Piping and Pumps**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1609	EA	20", Steel, Grooved Cross <i>For Galvanized Fittings, Add</i>	13,077.97 1,883.99	345.52
23 21	13 23-1610	EA	24", Steel, Grooved Cross <i>For Galvanized Fittings, Add</i>	20,026.46 2,908.46	424.66
<b>23 21 13 23-1611 Grooved Reducing Tees (23 21 13 23-1554)</b>					
Note: Victaulic No. 25					
23 21	13 23-1612	EA	1", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	227.47 40.25	17.48
23 21	13 23-1613	EA	1-1/4", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	239.62 41.51	21.40
23 21	13 23-1614	EA	1-1/2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	252.08 42.55	26.27
23 21	13 23-1615	EA	2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	299.97 49.81	34.01
23 21	13 23-1616	EA	2-1/2", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	337.16 54.93	41.64
23 21	13 23-1617	EA	3", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	377.33 60.13	51.18
23 21	13 23-1618	EA	4", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	504.70 81.09	66.22
23 21	13 23-1619	EA	5", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	665.16 107.08	86.57
23 21	13 23-1620	EA	6", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	915.46 150.63	108.29
23 21	13 23-1621	EA	8", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	1,439.77 248.54	131.49
23 21	13 23-1622	EA	10", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	2,061.92 366.40	153.31
23 21	13 23-1623	EA	12", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	2,978.40 540.50	184.04
23 21	13 23-1624	EA	14", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	3,376.02 613.89	204.49
23 21	13 23-1625	EA	16", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	4,295.48 797.42	205.65
23 21	13 23-1626	EA	18", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	5,221.27 976.25	226.84
23 21	13 23-1627	EA	20", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	7,326.40 1,396.21	230.34
23 21	13 23-1628	EA	24", Steel, Grooved Reducing Tee <i>For Galvanized Fittings, Add</i>	11,669.53 2,249.01	283.11
<b>23 21 13 23-1629 Grooved 45 Degree Lateral Wyes (23 21 13 23-1554)</b>					
Note: Victaulic No. 30					
23 21	13 23-1630	EA	3/4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	439.51 75.01	15.15
23 21	13 23-1631	EA	1", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	442.96 75.01	17.48
23 21	13 23-1632	EA	1-1/4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	448.79 75.01	21.40
23 21	13 23-1633	EA	1-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	456.08 75.01	26.27
23 21	13 23-1634	EA	2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	467.65 75.01	34.01
23 21	13 23-1635	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	479.22 75.01	41.64
23 21	13 23-1636	EA	3", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	436.70 64.80	51.18
23 21	13 23-1637	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	698.36 109.79	59.01
23 21	13 23-1638	EA	4", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	809.25 127.80	66.22
23 21	13 23-1639	EA	5", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	1,167.43 186.78	86.57
23 21	13 23-1640	EA	6", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	1,834.15 300.93	108.29
23 21	13 23-1641	EA	8", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	2,605.15 433.45	131.49
23 21	13 23-1642	EA	10", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	3,628.86 611.81	153.31
23 21	13 23-1643	EA	12", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	4,385.38 739.70	184.04
23 21	13 23-1644	EA	14", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	6,304.60 1,079.64	204.49
23 21	13 23-1645	EA	16", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	7,801.50 1,348.77	205.65
23 21	13 23-1646	EA	18", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	8,716.45 1,507.76	226.84
23 21	13 23-1647	EA	20", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	13,050.98 2,287.02	230.34
23 21	13 23-1648	EA	24", Steel, Grooved, 45 Degree Lateral Wye <i>For Galvanized Fittings, Add</i>	20,168.10 3,553.85	283.11





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-1649 Grooved 45 Degree Lateral Reducing Wyes</b> <small>(23 21 13 23-1554)</small>		
Note: Victaulic No. 30R		
23 21 13 23-1650 EA 3", Steel, Grooved 45 Degree Lateral Reducing Wye.....	436.70	51.18
For Galvanized Fittings, Add	46.80	
23 21 13 23-1651 EA 4", Steel, Grooved 45 Degree Lateral Reducing Wye.....	809.25	66.22
For Galvanized Fittings, Add	92.30	
23 21 13 23-1652 EA 5", Steel, Grooved 45 Degree Lateral Reducing Wye.....	1,167.43	86.57
For Galvanized Fittings, Add	134.89	
23 21 13 23-1653 EA 6", Steel, Grooved 45 Degree Lateral Reducing Wye.....	1,502.96	108.29
For Galvanized Fittings, Add	174.28	
23 21 13 23-1654 EA 8", Steel, Grooved 45 Degree Lateral Reducing Wye.....	2,132.43	131.49
For Galvanized Fittings, Add	251.60	
23 21 13 23-1655 EA 10", Steel, Grooved 45 Degree Lateral Reducing Wye.....	2,600.19	153.31
For Galvanized Fittings, Add	308.13	
23 21 13 23-1656 EA 12", Steel, Grooved 45 Degree Lateral Reducing Wye.....	3,156.37	184.04
For Galvanized Fittings, Add	374.46	
23 21 13 23-1657 EA 14", Steel, Grooved 45 Degree Lateral Reducing Wye.....	3,533.40	204.49
For Galvanized Fittings, Add	419.49	
23 21 13 23-1658 EA 16", Steel, Grooved 45 Degree Lateral Reducing Wye.....	4,479.32	205.65
For Galvanized Fittings, Add	542.22	
23 21 13 23-1659 EA 18", Steel, Grooved 45 Degree Lateral Reducing Wye.....	6,744.54	226.84
For Galvanized Fittings, Add	832.59	
23 21 13 23-1660 EA 20", Steel, Grooved 45 Degree Lateral Reducing Wye.....	9,719.88	230.34
For Galvanized Fittings, Add	1,218.69	
23 21 13 23-1661 EA 24", Steel, Grooved 45 Degree Lateral Reducing Wye.....	15,602.22	283.11
For Galvanized Fittings, Add	1,973.10	
<b>23 21 13 23-1662 Mechanical-T Outlet</b> <small>(23 21 13 23-1554)</small>		
Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.		
23 21 13 23-1663 EA 2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	145.58	38.14
For Galvanized Fittings, Add	17.19	
23 21 13 23-1664 EA 2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	145.58	38.14
For Galvanized Fittings, Add	17.19	
23 21 13 23-1665 EA 2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	156.40	38.14
For Galvanized Fittings, Add	19.87	
23 21 13 23-1666 EA 2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	156.40	38.14
23 21 13 23-1667 EA 2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	155.12	42.91
23 21 13 23-1668 EA 2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	155.12	42.91
23 21 13 23-1669 EA 2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	183.69	42.91
23 21 13 23-1670 EA 3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	175.16	47.68
23 21 13 23-1671 EA 3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	175.16	47.68
23 21 13 23-1672 EA 3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	198.16	47.68
23 21 13 23-1673 EA 3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	198.16	47.68
23 21 13 23-1674 EA 3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	213.91	47.68
23 21 13 23-1675 EA 4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	228.90	63.57
23 21 13 23-1676 EA 4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	228.90	63.57
23 21 13 23-1677 EA 4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	246.86	63.57
23 21 13 23-1678 EA 4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	251.90	63.57
23 21 13 23-1679 EA 4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	251.90	63.57
23 21 13 23-1680 EA 4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	256.94	63.57
23 21 13 23-1681 EA 4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	266.60	63.57
23 21 13 23-1682 EA 5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	328.02	87.41
23 21 13 23-1683 EA 5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	328.02	87.41
23 21 13 23-1684 EA 5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	336.74	87.41
23 21 13 23-1685 EA 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	347.66	87.41
23 21 13 23-1686 EA 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	379.27	111.25
23 21 13 23-1687 EA 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	379.27	111.25
23 21 13 23-1688 EA 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	392.08	111.25
23 21 13 23-1689 EA 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	402.90	111.25
23 21 13 23-1690 EA 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	422.12	111.25
23 21 13 23-1691 EA 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	571.98	147.27
23 21 13 23-1692 EA 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	571.98	147.27
23 21 13 23-1693 EA 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	587.41	147.27
23 21 13 23-1694 EA 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	596.55	147.27
<b>23 21 13 23-1695 Installation-Ready™ Grooved Fittings</b> <small>(23 21 13 23-1468)</small>		
<b>23 21 13 23-1696 Installation-Ready™ 90 Degree Grooved Elbows</b> <small>(23 21 13 23-1695)</small>		
Note: Victaulic No. 101		
23 21 13 23-1697 EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	268.57	10.49
For Galvanized Fittings, Add	83.38	
For Galvanized Fittings, Add	64.68	
23 21 13 23-1698 EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	279.17	12.58
For Galvanized Fittings, Add	85.83	
For Galvanized Fittings, Add	66.59	
23 21 13 23-1699 EA 2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow.....	287.39	16.78
For Galvanized Fittings, Add	86.45	
For Galvanized Fittings, Add	67.06	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1700	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow .....	347.62	20.97
			<i>For Galvanized Fittings, Add</i>	104.23	
			<i>For Galvanized Fittings, Add</i>	80.86	
<b>23 21</b>	<b>13 23-1701</b>		<b>Installation-Ready™ 45 Degree Grooved Elbows</b> (23 21 13 23-1695)		
			Note: Victaulic No. 103		
23 21	13 23-1702	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow .....	268.57	10.49
			<i>For Galvanized Fittings, Add</i>	60.64	
			<i>For Galvanized Fittings, Add</i>	64.68	
23 21	13 23-1703	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow .....	279.17	12.58
			<i>For Galvanized Fittings, Add</i>	62.42	
			<i>For Galvanized Fittings, Add</i>	66.59	
23 21	13 23-1704	EA	2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow .....	287.39	16.78
			<i>For Galvanized Fittings, Add</i>	62.87	
			<i>For Galvanized Fittings, Add</i>	67.06	
23 21	13 23-1705	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow .....	347.62	20.97
			<i>For Galvanized Fittings, Add</i>	75.80	
			<i>For Galvanized Fittings, Add</i>	80.86	
<b>23 21</b>	<b>13 23-1706</b>		<b>Installation-Ready™ Grooved Tees</b> (23 21 13 23-1695)		
			Note: Victaulic No. 102		
23 21	13 23-1707	EA	1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee .....	411.34	13.98
			<i>For Galvanized Fittings, Add</i>	117.05	
			<i>For Galvanized Fittings, Add</i>	99.88	
23 21	13 23-1708	EA	1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee .....	428.59	16.78
			<i>For Galvanized Fittings, Add</i>	120.95	
			<i>For Galvanized Fittings, Add</i>	103.21	
23 21	13 23-1709	EA	2" Ductile Iron, Grooved, Installation-Ready™ Tee .....	442.64	22.37
			<i>For Galvanized Fittings, Add</i>	122.62	
			<i>For Galvanized Fittings, Add</i>	104.63	
23 21	13 23-1710	EA	2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee .....	514.28	27.98
			<i>For Galvanized Fittings, Add</i>	141.57	
			<i>For Galvanized Fittings, Add</i>	120.81	
<b>23 21</b>	<b>13 23-1711</b>		<b>Grooved Fittings</b> (23 21 13 23-1468)		
<b>23 21</b>	<b>13 23-1712</b>		<b>Flanged Adapter Nipple, Grooved</b> (23 21 13 23-1711)		
			Note: Victaulic No. 41 and 45		
23 21	13 23-1713	EA	1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	312.35	12.71
			<i>For Galvanized Fittings, Add</i>	52.79	
			<i>For 300 Lb. Rating, Add</i>	43.99	
23 21	13 23-1714	EA	1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	314.48	14.09
			<i>For Galvanized Fittings, Add</i>	52.79	
			<i>For 300 Lb. Rating, Add</i>	43.99	
23 21	13 23-1715	EA	1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	319.77	17.69
			<i>For Galvanized Fittings, Add</i>	52.79	
			<i>For 300 Lb. Rating, Add</i>	43.99	
23 21	13 23-1716	EA	2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	330.92	25.11
			<i>For Galvanized Fittings, Add</i>	52.79	
			<i>For 300 Lb. Rating, Add</i>	43.99	
23 21	13 23-1717	EA	2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	338.88	30.40
			<i>For Galvanized Fittings, Add</i>	52.79	
			<i>For 300 Lb. Rating, Add</i>	43.99	
23 21	13 23-1718	EA	3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	429.69	36.34
			<i>For Galvanized Fittings, Add</i>	67.55	
			<i>For 300 Lb. Rating, Add</i>	56.29	
23 21	13 23-1719	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	520.89	48.95
			<i>For Galvanized Fittings, Add</i>	80.56	
			<i>For 300 Lb. Rating, Add</i>	67.13	
23 21	13 23-1720	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	728.30	59.23
			<i>For Galvanized Fittings, Add</i>	115.11	
			<i>For 300 Lb. Rating, Add</i>	95.93	
23 21	13 23-1721	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	849.61	80.00
			<i>For Galvanized Fittings, Add</i>	131.34	
			<i>For 300 Lb. Rating, Add</i>	109.45	
23 21	13 23-1722	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	1,169.47	108.29
			<i>For Galvanized Fittings, Add</i>	181.29	
			<i>For 300 Lb. Rating, Add</i>	151.07	
23 21	13 23-1723	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	1,840.61	131.49
			<i>For Galvanized Fittings, Add</i>	295.84	
			<i>For 300 Lb. Rating, Add</i>	246.53	
23 21	13 23-1724	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	2,477.15	153.31
			<i>For Galvanized Fittings, Add</i>	404.50	
			<i>For 300 Lb. Rating, Add</i>	337.08	
23 21	13 23-1725	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	2,926.00	184.04
			<i>For Galvanized Fittings, Add</i>	477.01	
			<i>For 300 Lb. Rating, Add</i>	397.51	
23 21	13 23-1726	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	4,387.76	204.49
			<i>For Galvanized Fittings, Add</i>	734.61	
			<i>For 300 Lb. Rating, Add</i>	612.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1727 EA 18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 Lb. Rating, Add</i>	5,253.55 862.86 719.05	306.73
23 21 13 23-1728 EA 20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 Lb. Rating, Add</i>	5,548.40 899.38 749.49	368.08
23 21 13 23-1729 EA 24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150..... <i>For Galvanized Fittings, Add</i> <i>For 300 Lb. Rating, Add</i>	9,232.86 1,551.55 1,292.96	408.98
 <b>23 21 13 23-1730 Grooved Concentric Reducers</b> <small>(23 21 13 23-1711)</small>		
<small>Note: Victaulic No. 50</small>		
23 21 13 23-1731 EA 1-1/4" x 3/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	331.88 13.76	12.71
23 21 13 23-1732 EA 1-1/4" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	347.04 14.38	13.46
23 21 13 23-1733 EA 1-1/2" x 3/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	390.93 44.38	14.52
23 21 13 23-1734 EA 1-1/2" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	101.84 9.50	15.15
23 21 13 23-1735 EA 1-1/2" x 1-1/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	329.86 36.78	15.90
23 21 13 23-1736 EA 2" x 3/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	105.02 9.50	17.27
23 21 13 23-1737 EA 2" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	106.08 9.50	18.01
23 21 13 23-1738 EA 2" x 1-1/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	115.08 10.46	18.76
23 21 13 23-1739 EA 2" x 1-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	110.38 9.50	20.87
23 21 13 23-1740 EA 2-1/2" x 3/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	672.71 77.35	19.49
23 21 13 23-1741 EA 2-1/2" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	535.05 60.67	20.24
23 21 13 23-1742 EA 2-1/2" x 1-1/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	488.26 54.92	20.87
23 21 13 23-1743 EA 2-1/2" x 1-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	113.49 9.50	22.99
23 21 13 23-1744 EA 2-1/2" x 2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	117.72 9.50	25.75
23 21 13 23-1745 EA 3" x 3/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	681.61 98.44	22.68
23 21 13 23-1746 EA 3" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	122.24 13.27	23.31
23 21 13 23-1747 EA 3" x 1-1/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	537.64 76.25	24.05
23 21 13 23-1748 EA 3" x 1-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	504.79 70.85	25.75
23 21 13 23-1749 EA 3" x 2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	112.26 10.54	28.61
23 21 13 23-1750 EA 3" x 2-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	146.70 14.53	34.12
23 21 13 23-1751 EA 3-1/2" x 3", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	156.93 15.48	36.76
23 21 13 23-1752 EA 4" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	148.41 18.00	28.92
23 21 13 23-1753 EA 4" x 1-1/4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	874.32 142.31	29.67
23 21 13 23-1754 EA 4" x 1-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	681.55 108.80	31.47
23 21 13 23-1755 EA 4" x 2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	143.72 15.83	34.33
23 21 13 23-1756 EA 4" x 2-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	170.83 19.85	36.76
23 21 13 23-1757 EA 4" x 3", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	175.06 19.85	39.62
23 21 13 23-1758 EA 4" x 3-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	179.30 19.85	42.38
23 21 13 23-1759 EA 5" x 2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	1,227.66 200.28	39.94
23 21 13 23-1760 EA 5" x 2-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	969.63 155.39	42.38
23 21 13 23-1761 EA 5" x 3", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	203.27 23.23	45.24
23 21 13 23-1762 EA 5" x 4", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	238.07 27.75	50.85
23 21 13 23-1763 EA 6" x 1", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	279.80 40.15	43.13
23 21 13 23-1764 EA 6" x 1-1/2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	1,296.19 229.12	45.56
23 21 13 23-1765 EA 6" x 2", Grooved Concentric Reducer..... <i>For Galvanized Fittings, Add</i>	287.73 40.15	48.42

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-1766	EA	6" x 2-1/2", Grooved Concentric Reducer	1,311.13	50.85
		<i>For Galvanized Fittings, Add</i>	230.42	
23 21 13 23-1767	EA	6" x 3", Grooved Concentric Reducer	295.69	53.72
		<i>For Galvanized Fittings, Add</i>	40.15	
23 21 13 23-1768	EA	6" x 4", Grooved Concentric Reducer	276.38	59.34
		<i>For Galvanized Fittings, Add</i>	34.96	
23 21 13 23-1769	EA	6" x 5", Grooved Concentric Reducer	374.68	65.06
		<i>For Galvanized Fittings, Add</i>	51.72	
23 21 13 23-1770	EA	8" x 3", Grooved Concentric Reducer	475.58	60.82
		<i>For Galvanized Fittings, Add</i>	71.74	
23 21 13 23-1771	EA	8" x 4", Grooved Concentric Reducer	484.04	66.43
		<i>For Galvanized Fittings, Add</i>	71.74	
23 21 13 23-1772	EA	8" x 5", Grooved Concentric Reducer	492.53	72.05
		<i>For Galvanized Fittings, Add</i>	71.74	
23 21 13 23-1773	EA	8" x 6", Grooved Concentric Reducer	611.05	80.52
		<i>For Galvanized Fittings, Add</i>	91.48	
23 21 13 23-1774	EA	10" x 4", Grooved Concentric Reducer	1,026.09	73.85
		<i>For Galvanized Fittings, Add</i>	170.80	
23 21 13 23-1775	EA	10" x 5", Grooved Concentric Reducer	2,136.97	79.47
		<i>For Galvanized Fittings, Add</i>	376.51	
23 21 13 23-1776	EA	10" x 6", Grooved Concentric Reducer	1,132.90	87.94
		<i>For Galvanized Fittings, Add</i>	186.78	
23 21 13 23-1777	EA	10" x 8", Grooved Concentric Reducer	1,143.48	95.04
		<i>For Galvanized Fittings, Add</i>	186.78	
23 21 13 23-1778	EA	12" x 4", Grooved Concentric Reducer	3,156.22	84.13
		<i>For Galvanized Fittings, Add</i>	454.52	
23 21 13 23-1779	EA	12" x 6", Grooved Concentric Reducer	1,341.13	98.21
		<i>For Galvanized Fittings, Add</i>	179.09	
23 21 13 23-1780	EA	12" x 8", Grooved Concentric Reducer	1,951.26	105.32
		<i>For Galvanized Fittings, Add</i>	269.01	
23 21 13 23-1781	EA	12" x 10", Grooved Concentric Reducer	1,962.45	112.73
		<i>For Galvanized Fittings, Add</i>	269.01	
23 21 13 23-1782	EA	14" x 6", Grooved Concentric Reducer	6,243.73	105.85
		<i>For Galvanized Fittings, Add</i>	186.81	
23 21 13 23-1783	EA	14" x 8", Grooved Concentric Reducer	3,741.04	112.94
		<i>For Galvanized Fittings, Add</i>	109.65	
23 21 13 23-1784	EA	14" x 10", Grooved Concentric Reducer	3,196.16	120.37
		<i>For Galvanized Fittings, Add</i>	92.58	
23 21 13 23-1785	EA	14" x 12", Grooved Concentric Reducer	3,211.49	130.53
		<i>For Galvanized Fittings, Add</i>	92.58	
23 21 13 23-1786	EA	16" x 8", Grooved Concentric Reducer	5,683.74	120.47
		<i>For Galvanized Fittings, Add</i>	168.94	
23 21 13 23-1787	EA	16" x 10", Grooved Concentric Reducer	5,279.70	127.88
		<i>For Galvanized Fittings, Add</i>	156.20	
23 21 13 23-1788	EA	16" x 12", Grooved Concentric Reducer	4,888.09	138.16
		<i>For Galvanized Fittings, Add</i>	143.71	
23 21 13 23-1789	EA	16" x 14", Grooved Concentric Reducer	4,899.53	145.79
		<i>For Galvanized Fittings, Add</i>	143.71	
23 21 13 23-1790	EA	18" x 10", Grooved Concentric Reducer	7,386.86	134.98
		<i>For Galvanized Fittings, Add</i>	220.56	
23 21 13 23-1791	EA	18" x 12", Grooved Concentric Reducer	6,695.59	145.16
		<i>For Galvanized Fittings, Add</i>	198.87	
23 21 13 23-1792	EA	18" x 14", Grooved Concentric Reducer	6,093.58	152.79
		<i>For Galvanized Fittings, Add</i>	180.04	
23 21 13 23-1793	EA	18" x 16", Grooved Concentric Reducer	6,105.02	160.52
		<i>For Galvanized Fittings, Add</i>	180.04	
23 21 13 23-1794	EA	20" x 10", Grooved Concentric Reducer	8,127.28	138.48
		<i>For Galvanized Fittings, Add</i>	243.13	
23 21 13 23-1795	EA	20" x 12", Grooved Concentric Reducer	6,975.07	148.76
		<i>For Galvanized Fittings, Add</i>	207.29	
23 21 13 23-1796	EA	20" x 14", Grooved Concentric Reducer	6,986.52	156.38
		<i>For Galvanized Fittings, Add</i>	207.29	
23 21 13 23-1797	EA	20" x 16", Grooved Concentric Reducer	6,236.01	163.91
		<i>For Galvanized Fittings, Add</i>	183.90	
23 21 13 23-1798	EA	20" x 18", Grooved Concentric Reducer	6,644.33	171.01
		<i>For Galvanized Fittings, Add</i>	196.11	
23 21 13 23-1799	EA	24" x 10", Grooved Concentric Reducer	17,878.87	154.05
		<i>For Galvanized Fittings, Add</i>	541.79	
23 21 13 23-1800	EA	24" x 12", Grooved Concentric Reducer	17,468.11	164.33
		<i>For Galvanized Fittings, Add</i>	528.71	
23 21 13 23-1801	EA	24" x 14", Grooved Concentric Reducer	15,230.69	171.86
		<i>For Galvanized Fittings, Add</i>	459.67	
23 21 13 23-1802	EA	24" x 16", Grooved Concentric Reducer	15,242.21	179.59
		<i>For Galvanized Fittings, Add</i>	459.67	
23 21 13 23-1803	EA	24" x 18", Grooved Concentric Reducer	13,060.03	186.58
		<i>For Galvanized Fittings, Add</i>	392.36	
23 21 13 23-1804	EA	24" x 20", Grooved Concentric Reducer	11,933.38	190.18
		<i>For Galvanized Fittings, Add</i>	357.60	
23 21 13 23-1805		<b>Grooved Eccentric Reducers</b> (23 21 13 23-1711)		
		Note: Victaulic No. 51		
23 21 13 23-1806	EA	1-1/2" x 3/4", Grooved Eccentric Reducer	403.67	14.52
		<i>For Galvanized Fittings, Add</i>	45.91	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-	1807	EA 1-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	367.55 41.44	15.15
23 21	13 23-	1808	EA 1-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	361.09 40.54	15.90
23 21	13 23-	1809	EA 2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	768.14 89.21	17.27
23 21	13 23-	1810	EA 2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	407.72 45.76	18.01
23 21	13 23-	1811	EA 2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	445.44 50.17	18.76
23 21	13 23-	1812	EA 2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	380.69 41.99	20.87
23 21	13 23-	1813	EA 2-1/2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	998.05 116.45	19.49
23 21	13 23-	1814	EA 2-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	932.88 108.49	20.24
23 21	13 23-	1815	EA 2-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	555.53 63.01	20.87
23 21	13 23-	1816	EA 2-1/2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	449.80 49.93	22.99
23 21	13 23-	1817	EA 2-1/2" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	205.98 20.11	25.75
23 21	13 23-	1818	EA 3" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,003.12 116.38	23.31
23 21	13 23-	1819	EA 3" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	912.49 105.36	24.05
23 21	13 23-	1820	EA 3" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	519.10 57.75	25.75
23 21	13 23-	1821	EA 3" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	235.19 23.11	28.61
23 21	13 23-	1822	EA 3" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	243.41 23.11	34.12
23 21	13 23-	1823	EA 3-1/2" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,118.86 127.86	36.76
23 21	13 23-	1824	EA 4" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,005.95 336.57	28.92
23 21	13 23-	1825	EA 4" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,234.06 203.55	31.47
23 21	13 23-	1826	EA 4" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	286.49 40.32	34.33
23 21	13 23-	1827	EA 4" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	290.21 40.32	36.76
23 21	13 23-	1828	EA 4" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	294.44 40.32	39.62
23 21	13 23-	1829	EA 5" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,368.66 224.46	39.94
23 21	13 23-	1830	EA 5" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,178.63 191.23	42.38
23 21	13 23-	1831	EA 5" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,144.84 184.71	45.24
23 21	13 23-	1832	EA 5" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	396.52 54.92	50.85
23 21	13 23-	1833	EA 6" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,099.21 379.65	43.13
23 21	13 23-	1834	EA 6" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,928.02 346.23	48.42
23 21	13 23-	1835	EA 6" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,285.70 412.28	50.85
23 21	13 23-	1836	EA 6" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	506.87 79.56	53.72
23 21	13 23-	1837	EA 6" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	462.19 69.64	59.34
23 21	13 23-	1838	EA 6" x 5", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	545.14 83.53	65.06
23 21	13 23-	1839	EA 8" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,246.95 402.28	60.82
23 21	13 23-	1840	EA 8" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,983.65 351.57	66.43
23 21	13 23-	1841	EA 8" x 5", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,862.21 327.32	72.05
23 21	13 23-	1842	EA 8" x 6", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	877.49 141.20	80.52
23 21	13 23-	1843	EA 10" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	3,568.05 645.13	73.85
23 21	13 23-	1844	EA 10" x 5", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	3,376.51 607.81	79.47
23 21	13 23-	1845	EA 10" x 6", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,588.23 458.35	87.94
23 21	13 23-	1846	EA 10" x 8", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,221.45 387.93	95.04
23 21	13 23-	1847	EA 12" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	3,641.57 530.49	84.13
23 21	13 23-	1848	EA 12" x 6", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	3,428.66 495.17	98.21

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1849	EA	12" x 8", Grooved Eccentric Reducer.....	3,355.31	105.32
			<i>For Galvanized Fittings, Add</i>	482.50	
23 21	13 23-1850	EA	12" x 10", Grooved Eccentric Reducer.....	3,033.01	112.73
			<i>For Galvanized Fittings, Add</i>	432.17	
23 21	13 23-1851	EA	14" x 6", Grooved Eccentric Reducer.....	8,438.32	105.85
			<i>For Galvanized Fittings, Add</i>	254.18	
23 21	13 23-1852	EA	14" x 8", Grooved Eccentric Reducer.....	5,462.70	112.94
			<i>For Galvanized Fittings, Add</i>	162.51	
23 21	13 23-1853	EA	14" x 10", Grooved Eccentric Reducer.....	5,219.35	120.37
			<i>For Galvanized Fittings, Add</i>	154.69	
23 21	13 23-1854	EA	14" x 12", Grooved Eccentric Reducer.....	5,234.68	130.53
			<i>For Galvanized Fittings, Add</i>	154.69	
23 21	13 23-1855	EA	16" x 8", Grooved Eccentric Reducer.....	9,324.46	120.47
			<i>For Galvanized Fittings, Add</i>	280.71	
23 21	13 23-1856	EA	16" x 10", Grooved Eccentric Reducer.....	8,641.34	127.88
			<i>For Galvanized Fittings, Add</i>	259.40	
23 21	13 23-1857	EA	16" x 12", Grooved Eccentric Reducer.....	8,146.65	138.16
			<i>For Galvanized Fittings, Add</i>	243.74	
23 21	13 23-1858	EA	16" x 14", Grooved Eccentric Reducer.....	8,158.09	145.79
			<i>For Galvanized Fittings, Add</i>	243.74	
23 21	13 23-1859	EA	18" x 10", Grooved Eccentric Reducer.....	11,694.56	134.98
			<i>For Galvanized Fittings, Add</i>	352.81	
23 21	13 23-1860	EA	18" x 12", Grooved Eccentric Reducer.....	11,008.83	145.16
			<i>For Galvanized Fittings, Add</i>	331.29	
23 21	13 23-1861	EA	18" x 14", Grooved Eccentric Reducer.....	10,033.42	152.79
			<i>For Galvanized Fittings, Add</i>	300.99	
23 21	13 23-1862	EA	18" x 16", Grooved Eccentric Reducer.....	10,044.86	160.52
			<i>For Galvanized Fittings, Add</i>	300.99	
23 21	13 23-1863	EA	20" x 10", Grooved Eccentric Reducer.....	15,351.58	138.48
			<i>For Galvanized Fittings, Add</i>	464.92	
23 21	13 23-1864	EA	20" x 12", Grooved Eccentric Reducer.....	11,424.81	148.76
			<i>For Galvanized Fittings, Add</i>	343.90	
23 21	13 23-1865	EA	20" x 14", Grooved Eccentric Reducer.....	10,735.96	156.38
			<i>For Galvanized Fittings, Add</i>	322.40	
23 21	13 23-1866	EA	20" x 16", Grooved Eccentric Reducer.....	10,577.34	163.91
			<i>For Galvanized Fittings, Add</i>	317.18	
23 21	13 23-1867	EA	20" x 18", Grooved Eccentric Reducer.....	10,192.20	171.01
			<i>For Galvanized Fittings, Add</i>	305.03	
23 21	13 23-1868	EA	24" x 12", Grooved Eccentric Reducer.....	22,169.25	164.33
			<i>For Galvanized Fittings, Add</i>	673.03	
23 21	13 23-1869	EA	24" x 14", Grooved Eccentric Reducer.....	18,942.22	171.86
			<i>For Galvanized Fittings, Add</i>	573.62	
23 21	13 23-1870	EA	24" x 16", Grooved Eccentric Reducer.....	18,953.74	179.59
			<i>For Galvanized Fittings, Add</i>	573.62	
23 21	13 23-1871	EA	24" x 18", Grooved Eccentric Reducer.....	17,903.63	186.58
			<i>For Galvanized Fittings, Add</i>	541.05	
23 21	13 23-1872	EA	24" x 20", Grooved Eccentric Reducer.....	16,367.87	190.18
			<i>For Galvanized Fittings, Add</i>	493.74	
<b>23 21</b>	<b>13 23-1873</b>		<b>Grooved, Close Nipple</b> <small>(23 21 13 23-1711)</small>		
			Note: Victaulic No. 143		
23 21	13 23-1874	EA	1-1/4" Ductile Iron, Grooved, Close Nipple .....	62.68	13.98
			<i>For Galvanized Fittings, Add</i>	7.47	
			<i>For 300 Lb. Rating, Add</i>	6.22	
			<i>For Galvanized Fittings, Add</i>	10.62	
23 21	13 23-1875	EA	1-1/2" Ductile Iron, Grooved, Close Nipple .....	71.70	17.48
			<i>For Galvanized Fittings, Add</i>	8.14	
			<i>For 300 Lb. Rating, Add</i>	6.78	
			<i>For Galvanized Fittings, Add</i>	11.57	
23 21	13 23-1876	EA	2" Ductile Iron, Grooved, Close Nipple .....	89.47	23.08
			<i>For Galvanized Fittings, Add</i>	9.81	
			<i>For 300 Lb. Rating, Add</i>	8.18	
			<i>For Galvanized Fittings, Add</i>	13.95	
23 21	13 23-1877	EA	2-1/2" Ductile Iron, Grooved, Close Nipple .....	106.79	27.98
			<i>For Galvanized Fittings, Add</i>	11.59	
			<i>For 300 Lb. Rating, Add</i>	9.66	
			<i>For Galvanized Fittings, Add</i>	16.49	
<b>23 21</b>	<b>13 23-1878</b>		<b>Grooved Caps</b> <small>(23 21 13 23-1468)</small>		
			Note: Victaulic No. 60		
23 21	13 23-1879	EA	1" Carbon Steel Grooved Cap .....	133.16	4.34
23 21	13 23-1880	EA	1-1/4" Carbon Steel Grooved Cap .....	135.29	5.40
23 21	13 23-1881	EA	1-1/2" Carbon Steel Grooved Cap .....	137.62	6.57
23 21	13 23-1882	EA	2" Carbon Steel Grooved Cap .....	141.75	8.68
23 21	13 23-1883	EA	2-1/2" Carbon Steel Grooved Cap .....	145.57	10.60
23 21	13 23-1884	EA	3" Carbon Steel Grooved Cap .....	150.02	12.82
23 21	13 23-1885	EA	4" Carbon Steel Grooved Cap .....	166.42	16.95
23 21	13 23-1886	EA	5" Carbon Steel Grooved Cap .....	346.95	21.09
23 21	13 23-1887	EA	6" Carbon Steel Grooved Cap .....	359.56	27.65
23 21	13 23-1888	EA	8" Carbon Steel Grooved Cap .....	644.43	32.84
23 21	13 23-1889	EA	10" Carbon Steel Grooved Cap .....	1,085.92	38.35
23 21	13 23-1890	EA	12" Carbon Steel Grooved Cap .....	1,856.70	45.98



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1891			<b>Grooved Couplings</b> <small>(23 21 13 23-1468)</small>		
23 21	13 23-1892			<b>Flexible Grooved Coupling</b> <small>(23 21 13 23-1891)</small>		
				Note: Victaulic Style 77		
	23 21	13 23-1893	EA	3/4" Grooved Standard Coupling .....23.04	23.04	5.72
				For Galvanized Fittings, Add	4.03	
	23 21	13 23-1894	EA	1" Grooved Standard Coupling .....23.04	23.04	5.72
				For Galvanized Fittings, Add	4.03	
	23 21	13 23-1895	EA	1-1/4" Grooved Standard Coupling .....29.96	29.96	7.20
				For Galvanized Fittings, Add	5.36	
	23 21	13 23-1896	EA	1-1/2" Grooved Standard Coupling .....33.84	33.84	8.58
				For Galvanized Fittings, Add	5.86	
	23 21	13 23-1897	EA	2" Grooved Standard Coupling .....39.41	39.41	11.55
				For Galvanized Fittings, Add	6.19	
	23 21	13 23-1898	EA	2-1/2" Grooved Standard Coupling .....47.55	47.55	14.09
				For Galvanized Fittings, Add	7.41	
	23 21	13 23-1899	EA	3" Grooved Standard Coupling .....51.65	51.65	16.84
				For Galvanized Fittings, Add	7.41	
	23 21	13 23-1900	EA	3-1/2" Grooved Standard Coupling .....72.22	72.22	19.71
				For Galvanized Fittings, Add	11.93	
	23 21	13 23-1901	EA	4" Grooved Standard Coupling .....76.36	76.36	22.47
				For Galvanized Fittings, Add	11.93	
	23 21	13 23-1902	EA	5" Grooved Standard Coupling .....107.53	107.53	28.19
				For Galvanized Fittings, Add	18.30	
	23 21	13 23-1903	EA	6" Grooved Standard Coupling .....132.44	132.44	36.76
				For Galvanized Fittings, Add	21.63	
	23 21	13 23-1904	EA	8" Grooved Standard Coupling .....191.61	191.61	43.86
				For Galvanized Fittings, Add	35.26	
	23 21	13 23-1905	EA	10" Grooved Standard Coupling .....288.11	288.11	52.56
				For Galvanized Fittings, Add	58.60	
	23 21	13 23-1906	EA	12" Grooved Standard Coupling .....324.51	324.51	57.53
				For Galvanized Fittings, Add	66.72	
	23 21	13 23-1907	EA	14" Grooved Standard Coupling .....404.44	404.44	76.71
				For Galvanized Fittings, Add	81.05	
	23 21	13 23-1908	EA	16" Grooved Standard Coupling .....517.66	517.66	92.07
				For Galvanized Fittings, Add	106.32	
	23 21	13 23-1909	EA	18" Grooved Standard Coupling .....597.97	597.97	102.24
				For Galvanized Fittings, Add	124.51	
	23 21	13 23-1910	EA	20" Grooved Standard Coupling .....872.00	872.00	115.07
				For Galvanized Fittings, Add	195.87	
	23 21	13 23-1911	EA	24" Grooved Standard Coupling .....979.40	979.40	141.55
				For Galvanized Fittings, Add	214.80	
23 21	13 23-1912			<b>Zero-Flex® Rigid Coupling</b> <small>(23 21 13 23-1891)</small>		
				Note: Victaulic Style 07		
	23 21	13 23-1913	EA	1" Grooved Rigid Coupling .....28.66	28.66	5.72
				For Galvanized Fittings, Add	4.90	
	23 21	13 23-1914	EA	1-1/4" Grooved Rigid Coupling .....30.83	30.83	7.20
				For Galvanized Fittings, Add	4.90	
	23 21	13 23-1915	EA	1-1/2" Grooved Rigid Coupling .....32.93	32.93	8.58
				For Galvanized Fittings, Add	4.90	
	23 21	13 23-1916	EA	2" Grooved Rigid Coupling .....37.83	37.83	11.55
				For Galvanized Fittings, Add	5.03	
	23 21	13 23-1917	EA	2-1/2" Grooved Rigid Coupling .....44.75	44.75	14.09
				For Galvanized Fittings, Add	5.80	
	23 21	13 23-1918	EA	3" Grooved Rigid Coupling .....48.85	48.85	16.84
				For Galvanized Fittings, Add	5.80	
	23 21	13 23-1919	EA	3-1/2" Grooved Rigid Coupling .....57.24	57.24	19.71
				For Galvanized Fittings, Add	6.77	
	23 21	13 23-1920	EA	4" Grooved Rigid Coupling .....72.92	72.92	22.47
				For Galvanized Fittings, Add	9.60	
	23 21	13 23-1921	EA	5" Grooved Rigid Coupling .....93.06	93.06	28.19
				For Galvanized Fittings, Add	12.47	
	23 21	13 23-1922	EA	6" Grooved Rigid Coupling .....123.20	123.20	36.76
				For Galvanized Fittings, Add	16.66	
	23 21	13 23-1923	EA	8" Grooved Rigid Coupling .....172.83	172.83	43.86
				For Galvanized Fittings, Add	26.25	
	23 21	13 23-1924	EA	10" Grooved Rigid Coupling .....270.81	270.81	52.56
				For Galvanized Fittings, Add	47.04	
	23 21	13 23-1925	EA	12" Grooved Rigid Coupling .....301.06	301.06	57.53
				For Galvanized Fittings, Add	52.63	
	23 21	13 23-1926	EA	14" Grooved Rigid Coupling .....395.65	395.65	76.71
				For Galvanized Fittings, Add	68.77	
	23 21	13 23-1927	EA	16" Grooved Rigid Coupling .....504.03	504.03	92.07
				For Galvanized Fittings, Add	89.69	
	23 21	13 23-1928	EA	18" Grooved Rigid Coupling .....576.47	576.47	102.24
				For Galvanized Fittings, Add	103.68	
	23 21	13 23-1929	EA	20" Grooved Rigid Coupling .....676.28	676.28	115.07
				For Galvanized Fittings, Add	123.44	
	23 21	13 23-1930	EA	24" Grooved Rigid Coupling .....954.35	954.35	141.55
				For Galvanized Fittings, Add	181.82	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1931			<b>Large Diameter Grooved Coupling</b> (23 21 13 23-1891) Note: Victaulic Style 770		
23 21 13 23-1932	EA		28" Grooved Coupling.....	932.68	28.19
			<i>For Galvanized Fittings, Add</i>	124.67	
23 21 13 23-1933	EA		30" Grooved Coupling.....	1,080.44	36.76
			<i>For Galvanized Fittings, Add</i>	143.54	
23 21 13 23-1934	EA		32" Grooved Coupling.....	1,601.06	43.86
			<i>For Galvanized Fittings, Add</i>	214.95	
23 21 13 23-1935	EA		36" Grooved Coupling.....	2,124.32	52.56
			<i>For Galvanized Fittings, Add</i>	286.37	
23 21 13 23-1936	EA		42" Grooved Coupling.....	4,223.04	57.53
			<i>For Galvanized Fittings, Add</i>	579.15	
23 21 13 23-1937			<b>Flexible Coupling</b> (23 21 13 23-1891) Note: Victaulic Style 75		
23 21 13 23-1938	EA		1-1/2" Grooved Flexible Coupling .....	31.11	8.58
			<i>For Galvanized Fittings, Add</i>	4.66	
23 21 13 23-1939	EA		2" Grooved Flexible Coupling .....	35.97	11.55
			<i>For Galvanized Fittings, Add</i>	4.78	
23 21 13 23-1940	EA		2-1/2" Grooved Flexible Coupling .....	42.71	14.09
			<i>For Galvanized Fittings, Add</i>	5.53	
23 21 13 23-1941	EA		3" Grooved Flexible Coupling .....	50.33	16.84
			<i>For Galvanized Fittings, Add</i>	6.44	
23 21 13 23-1942	EA		3-1/2" Grooved Flexible Coupling .....	65.21	19.71
			<i>For Galvanized Fittings, Add</i>	9.12	
23 21 13 23-1943	EA		4" Grooved Flexible Coupling .....	69.35	22.47
			<i>For Galvanized Fittings, Add</i>	9.12	
23 21 13 23-1944	EA		5" Grooved Flexible Coupling .....	93.57	28.19
			<i>For Galvanized Fittings, Add</i>	13.16	
23 21 13 23-1945	EA		6" Grooved Flexible Coupling .....	117.09	36.76
			<i>For Galvanized Fittings, Add</i>	15.85	
23 21 13 23-1946	EA		8" Grooved Flexible Coupling .....	162.99	43.86
			<i>For Galvanized Fittings, Add</i>	24.91	
23 21 13 23-1947			<b>Installation-Ready™ Coupling</b> (23 21 13 23-1891) Note: Victaulic Style 009N		
23 21 13 23-1948	EA		1-1/4" Ductile Iron, Installation-Ready™ Coupling.....	81.21	5.35
			<i>For Galvanized Fittings, Add</i>	18.71	
23 21 13 23-1949	EA		1-1/2" Ductile Iron, Installation-Ready™ Coupling .....	84.29	6.40
			<i>For Galvanized Fittings, Add</i>	19.10	
23 21 13 23-1950	EA		2" Ductile Iron, Installation-Ready™ Coupling .....	97.43	8.60
			<i>For Galvanized Fittings, Add</i>	21.60	
23 21 13 23-1951	EA		2-1/2" Ductile Iron, Installation-Ready™ Coupling .....	113.00	10.42
			<i>For Galvanized Fittings, Add</i>	24.89	
23 21 13 23-1952	EA		3" Ductile Iron, Installation-Ready™ Coupling .....	128.98	12.52
			<i>For Galvanized Fittings, Add</i>	28.16	
23 21 13 23-1953	EA		4" Ductile Iron, Installation-Ready™ Coupling .....	179.80	16.71
			<i>For Galvanized Fittings, Add</i>	39.54	
23 21 13 23-1954	EA		5" Ductile Iron, Installation-Ready™ Coupling .....	284.35	20.90
			<i>For Galvanized Fittings, Add</i>	64.68	
23 21 13 23-1955	EA		6" Ductile Iron, Installation-Ready™ Coupling .....	343.33	27.34
			<i>For Galvanized Fittings, Add</i>	77.29	
23 21 13 23-1956	EA		8" Ductile Iron, Installation-Ready™ Coupling .....	553.68	32.52
			<i>For Galvanized Fittings, Add</i>	129.13	
23 21 13 23-1957			<b>Grooved Strainers And Suction Diffusers</b> (23 21 13 23-1468)		
23 21 13 23-1958			<b>Grooved Wye Strainers</b> (23 21 13 23-1957) Note: Victaulic Style 732		
23 21 13 23-1959	EA		2" Grooved Wye Strainer .....	2,519.57	23.31
23 21 13 23-1960	EA		2-1/2" Grooved Wye Strainer .....	2,652.38	28.29
23 21 13 23-1961	EA		3" Grooved Wye Strainer .....	2,982.82	33.91
23 21 13 23-1962	EA		4" Grooved Wye Strainer .....	3,385.97	45.24
23 21 13 23-1963	EA		5" Grooved Wye Strainer .....	4,891.43	56.58
23 21 13 23-1964	EA		6" Grooved Wye Strainer .....	5,329.03	73.53
23 21 13 23-1965	EA		8" Grooved Wye Strainer .....	8,131.86	87.63
23 21 13 23-1966	EA		10" Grooved Wye Strainer .....	13,014.41	102.45
23 21 13 23-1967	EA		12" Grooved Wye Strainer .....	22,651.27	123.02
23 21 13 23-1968			<b>Grooved Tee Type Strainers</b> (23 21 13 23-1957) Note: Victaulic Style 730		
23 21 13 23-1969	EA		1-1/2" Grooved Tee Type Strainer .....	1,943.82	17.69
23 21 13 23-1970	EA		2" Grooved Tee Type Strainer .....	2,488.90	23.31
23 21 13 23-1971	EA		2-1/2" Grooved Tee Type Strainer .....	2,620.50	28.29
23 21 13 23-1972	EA		3" Grooved Tee Type Strainer .....	2,946.81	33.91
23 21 13 23-1973	EA		4" Grooved Tee Type Strainer .....	3,345.14	45.24
23 21 13 23-1974	EA		5" Grooved Tee Type Strainer .....	4,831.99	56.58



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1975	EA	6" Grooved Tee Type Strainer .....	5,264.94	73.53
23 21	13 23-1976	EA	8" Grooved Tee Type Strainer .....	8,032.62	87.63
23 21	13 23-1977	EA	10" Grooved Tee Type Strainer .....	11,758.41	102.45
23 21	13 23-1978	EA	12" Grooved Tee Type Strainer .....	15,122.88	123.02
23 21	13 23-1979	EA	14" Grooved Tee Type Strainer .....	53,455.23	138.48
23 21	13 23-1980	EA	16" Grooved Tee Type Strainer .....	66,408.82	153.31
23 21	13 23-1981	EA	18" Grooved Tee Type Strainer .....	87,295.67	167.51
<b>23 21 13 23-1982 Grooved Suction Diffuser (23 21 13 23-1982)</b>					
Note: Victaulic Style 731					
23 21	13 23-1983	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser .....	5,134.66	26.17
23 21	13 23-1984	EA	3" Grooved x 2" Flanged Suction Diffuser .....	5,450.75	28.92
23 21	13 23-1985	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser .....	3,938.00	33.91
23 21	13 23-1986	EA	3" Grooved x 3" Flanged Suction Diffuser .....	3,993.65	36.76
23 21	13 23-1987	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser .....	4,326.01	36.76
23 21	13 23-1988	EA	4" Grooved x 3" Flanged Suction Diffuser .....	4,667.24	39.62
23 21	13 23-1989	EA	4" Grooved x 4" Flanged Suction Diffuser .....	5,396.04	39.62
23 21	13 23-1990	EA	5" Grooved x 4" Flanged Suction Diffuser .....	6,024.78	50.85
23 21	13 23-1991	EA	5" Grooved x 5" Flanged Suction Diffuser .....	6,330.87	53.72
23 21	13 23-1992	EA	6" Grooved x 4" Flanged Suction Diffuser .....	6,431.35	59.34
23 21	13 23-1993	EA	6" Grooved x 5" Flanged Suction Diffuser .....	7,684.46	65.06
23 21	13 23-1994	EA	6" Grooved x 6" Flanged Suction Diffuser .....	7,981.45	69.29
23 21	13 23-1995	EA	8" Grooved x 5" Flanged Suction Diffuser .....	8,189.51	72.05
23 21	13 23-1996	EA	8" Grooved x 6" Flanged Suction Diffuser .....	8,642.61	80.52
23 21	13 23-1997	EA	8" Grooved x 8" Flanged Suction Diffuser .....	14,796.38	87.63
23 21	13 23-1998	EA	10" Grooved x 8" Flanged Suction Diffuser .....	16,690.10	94.72
23 21	13 23-1999	EA	10" Grooved x 10" Flanged Suction Diffuser .....	20,087.23	98.21
23 21	13 23-2000	EA	12" Grooved x 10" Flanged Suction Diffuser .....	23,771.76	113.05
23 21	13 23-2001	EA	12" Grooved x 12" Flanged Suction Diffuser .....	33,010.13	120.16
23 21	13 23-2002	EA	14" Grooved x 10" Flanged Suction Diffuser .....	30,734.20	120.16
23 21	13 23-2003	EA	14" Grooved x 12" Flanged Suction Diffuser .....	34,326.45	130.74
23 21	13 23-2004	EA	14" Grooved x 14" Flanged Suction Diffuser .....	41,654.44	138.48
23 21	13 23-2005	EA	16" Grooved x 14" Flanged Suction Diffuser .....	42,882.76	145.58
<b>23 21 13 23-2006 Grooved Steel Valves (23 21 13 23-1468)</b>					
<b>23 21 13 23-2007 Grooved Butterfly Valves With Standard Trim (23 21 13 23-2006)</b>					
23 21	13 23-2008	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim .....	289.52	11.55
23 21	13 23-2009	EA	2" Butterfly Valve, Grooved, With Standard Trim .....	294.99	15.15
23 21	13 23-2010	EA	3" Butterfly Valve, Grooved, With Standard Trim .....	484.18	22.47
23 21	13 23-2011	EA	4" Butterfly Valve, Grooved, With Standard Trim .....	650.39	29.56
23 21	13 23-2012	EA	6" Butterfly Valve, Grooved, With Standard Trim .....	1,420.69	48.42
23 21	13 23-2013	EA	8" Butterfly Valve, Grooved, With Standard Trim .....	1,968.76	68.13
23 21	13 23-2014	EA	10" Butterfly Valve, Grooved, With Standard Trim .....	2,957.26	92.07
<b>23 21 13 23-2015 Grooved Butterfly Valves With Stainless Steel Trim (23 21 13 23-2006)</b>					
23 21	13 23-2016	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim .....	435.34	11.55
23 21	13 23-2017	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim .....	440.81	15.15
23 21	13 23-2018	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim .....	681.85	22.47
23 21	13 23-2019	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim .....	867.51	29.56
23 21	13 23-2020	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim .....	1,660.49	48.42
23 21	13 23-2021	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim .....	2,759.46	68.13
23 21	13 23-2022	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim .....	4,350.70	92.07
<b>23 21 13 23-2023 Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-2006)</b>					
Note: Victaulic No. 721					
23 21	13 23-2024	EA	1-1/2" Ball Valve, Grooved, With Standard Trim .....	244.19	11.33
23 21	13 23-2025	EA	2" Ball Valve, Grooved, With Standard Trim .....	279.63	15.57
23 21	13 23-2026	EA	2-1/2" Ball Valve, Grooved, With Standard Trim .....	639.22	19.07
23 21	13 23-2027	EA	3" Ball Valve, Grooved, With Standard Trim .....	1,048.73	22.57
23 21	13 23-2028	EA	4" Ball Valve, Grooved, With Standard Trim .....	1,633.45	29.67
23 21	13 23-2029	EA	6" Ball Valve, Grooved, With Standard Trim .....	5,081.32	48.74
<b>23 21 13 23-2030 Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-2006)</b>					
Note: Victaulic No. 721					
23 21	13 23-2031	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim .....	260.16	11.33
23 21	13 23-2032	EA	2" Ball Valve, Grooved, With Stainless Steel Trim .....	445.42	15.57
23 21	13 23-2033	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim .....	1,161.99	19.07
23 21	13 23-2034	EA	3" Ball Valve, Grooved, With Stainless Steel Trim .....	1,502.78	22.57
23 21	13 23-2035	EA	4" Ball Valve, Grooved, With Stainless Steel Trim .....	2,053.04	29.67
23 21	13 23-2036	EA	6" Ball Valve, Grooved, With Stainless Steel Trim .....	5,601.25	48.74
<b>23 21 13 23-2037 Grooved Check Valves (23 21 13 23-2006)</b>					
Note: Victaulic No. 712					
23 21	13 23-2038	EA	2" Check Valve, Grooved .....	370.90	15.57

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-2039	EA	2-1/2" Check Valve, Grooved.....		602.36	19.07
23 21 13 23-2040	EA	3" Check Valve, Grooved.....		701.84	22.57
23 21 13 23-2041	EA	4" Check Valve, Grooved.....		994.96	29.67
<b>23 21 13 23-2042</b>		<b>Grooved Vic-Check Check Valves</b> (23 21 13 23-2006)			
		Note: Victaulic No. 716			
23 21 13 23-2043	EA	2-1/2" "Vic-Check" Check Valve, Grooved.....		481.12	19.07
23 21 13 23-2044	EA	3" "Vic-Check" Check Valve, Grooved.....		486.27	22.57
23 21 13 23-2045	EA	4" "Vic-Check" Check Valve, Grooved.....		609.32	29.67
23 21 13 23-2046	EA	6" "Vic-Check" Check Valve, Grooved.....		1,188.38	48.74
23 21 13 23-2047	EA	8" "Vic-Check" Check Valve, Grooved.....		1,626.01	67.81
23 21 13 23-2048	EA	10" "Vic-Check" Check Valve, Grooved.....		4,549.97	91.86
23 21 13 23-2049	EA	12" "Vic-Check" Check Valve, Grooved.....		5,388.13	106.06
<b>23 21 13 23-2050</b>		<b>Grooved Plug Valves With Lever Operator</b> (23 21 13 23-2006)			
		Note: Victaulic No. 377			
23 21 13 23-2051	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....		1,041.19	22.57
23 21 13 23-2052	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....		1,152.99	29.67
23 21 13 23-2053	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....		2,060.91	48.74
<b>23 21 13 23-2054</b>		<b>Grooved Plug Valve With Gear Operator</b> (23 21 13 23-2006)			
		Note: Victaulic No. 377			
23 21 13 23-2055	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....		1,853.68	22.57
23 21 13 23-2056	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....		1,965.56	29.67
23 21 13 23-2057	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....		2,873.48	48.74
23 21 13 23-2058	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....		3,842.36	67.81
23 21 13 23-2059	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....		6,036.93	91.86
23 21 13 23-2060	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....		8,751.80	106.06
<b>23 21 13 23-2061</b>		<b>Prepare Pipe For Groove</b> (23 21 13 23-1468)			
<b>23 21 13 23-2062</b>		<b>Cut Grooved Pipe</b> (23 21 13 23-2061)			
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.			
23 21 13 23-2063	EA	Cut 3/4" Groove Pipe.....		11.10	
23 21 13 23-2064	EA	Cut 1" Groove Pipe.....		12.05	
23 21 13 23-2065	EA	Cut 1-1/4" Groove Pipe.....		13.61	
23 21 13 23-2066	EA	Cut 1-1/2" Groove Pipe.....		14.80	
23 21 13 23-2067	EA	Cut 2" Groove Pipe.....		16.22	
23 21 13 23-2068	EA	Cut 2-1/2" Groove Pipe.....		17.57	
23 21 13 23-2069	EA	Cut 3" Groove Pipe.....		19.17	
23 21 13 23-2070	EA	Cut 3-1/2" Groove Pipe.....		20.33	
23 21 13 23-2071	EA	Cut 4" Groove Pipe.....		21.63	
23 21 13 23-2072	EA	Cut 5" Groove Pipe.....		23.43	
23 21 13 23-2073	EA	Cut 6" Groove Pipe.....		24.10	
23 21 13 23-2074	EA	Cut 8" Groove Pipe.....		31.24	
23 21 13 23-2075	EA	Cut 10" Groove Pipe.....		44.40	
23 21 13 23-2076	EA	Cut 12" Groove Pipe.....		56.23	
23 21 13 23-2077	EA	Cut 14" Groove Pipe.....		84.36	
23 21 13 23-2078	EA	Cut 16" Groove Pipe.....		88.79	
23 21 13 23-2079	EA	Cut 18" Groove Pipe.....		93.73	
23 21 13 23-2080	EA	Cut 20" Groove Pipe.....		99.24	
23 21 13 23-2081	EA	Cut 24" Groove Pipe.....		112.48	
<b>23 21 13 23-2082</b>		<b>Roll Grooved Pipe</b> (23 21 13 23-2061)			
		Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.			
23 21 13 23-2083	EA	Roll 3/4" Groove.....		6.35	
23 21 13 23-2084	EA	Roll 1" Groove.....		7.40	
23 21 13 23-2085	EA	Roll 1-1/4" Groove.....		8.43	
23 21 13 23-2086	EA	Roll 1-1/2" Groove.....		9.48	
23 21 13 23-2087	EA	Roll 2" Groove.....		14.55	
23 21 13 23-2088	EA	Roll 2-1/2" Groove.....		15.33	
23 21 13 23-2089	EA	Roll 3" Groove.....		16.87	
23 21 13 23-2090	EA	Roll 3-1/2" Groove.....		17.95	
23 21 13 23-2091	EA	Roll 4" Groove.....		19.61	
23 21 13 23-2092	EA	Roll 5" Groove.....		20.09	
23 21 13 23-2093	EA	Roll 6" Groove.....		21.09	
23 21 13 23-2094	EA	Roll 8" Groove.....		25.56	
23 21 13 23-2095	EA	Roll 10" Groove.....		29.08	
23 21 13 23-2096	EA	Roll 12" Groove.....		36.68	
23 21 13 23-2097	EA	Roll 14" Groove.....		56.23	
23 21 13 23-2098	EA	Roll 16" Groove.....		60.25	
23 21 13 23-2099	EA	Roll 18" Groove.....		62.49	
23 21 13 23-2100	EA	Roll 20" Groove.....		67.49	
23 21 13 23-2101	EA	Roll 24" Groove.....		73.35	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-	2102	<b>Standard Gaskets</b> (23 21 13 23-2061) Note: For use on replacement of existing gaskets.		
23 21	13 23-	2103	EA 3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	14.79	
23 21	13 23-	2104	EA 1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	15.68	
23 21	13 23-	2105	EA 1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	16.55	
23 21	13 23-	2106	EA 1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	18.23	
23 21	13 23-	2107	EA 2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	18.86	
23 21	13 23-	2108	EA 2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	21.69	
23 21	13 23-	2109	EA 3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	23.89	
23 21	13 23-	2110	EA 3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	28.88	
23 21	13 23-	2111	EA 4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	29.39	
23 21	13 23-	2112	EA 5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	35.67	
23 21	13 23-	2113	EA 6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	38.24	
23 21	13 23-	2114	EA 8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	51.42	
23 21	13 23-	2115	EA 10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	63.66	
23 21	13 23-	2116	EA 12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	75.78	
23 21	13 23-	2117	EA 14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	106.49	
23 21	13 23-	2118	EA 16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	139.00	
23 21	13 23-	2119	EA 18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	162.69	
23 21	13 23-	2120	EA 20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	235.46	
23 21	13 23-	2121	EA 24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T" .....	319.09	
23 21	13 23-	2122	<b>Copper Grooved-Joint Pipe Fittings</b> (23 21 13 23) Note: Couplings are not included with fittings.		
23 21	13 23-	2123	<b>Grooved Fittings</b> (23 21 13 23-2122)		
23 21	13 23-	2124	<b>Grooved 90 Degree Elbows</b> (23 21 13 23-2123)		
23 21	13 23-	2125	EA 2" Copper 90 Degree Elbow, Grooved.....	153.60	17.27
23 21	13 23-	2126	EA 2-1/2" Copper 90 Degree Elbow, Grooved .....	170.94	21.09
23 21	13 23-	2127	EA 3" Copper 90 Degree Elbow, Grooved.....	231.51	25.54
23 21	13 23-	2128	EA 4" Copper 90 Degree Elbow, Grooved.....	481.50	33.69
23 21	13 23-	2129	EA 5" Copper 90 Degree Elbow, Grooved.....	1,257.88	42.17
23 21	13 23-	2130	EA 6" Copper 90 Degree Elbow, Grooved.....	1,983.12	55.20
23 21	13 23-	2131	EA 8" Copper 90 Degree Elbow, Grooved.....	3,647.12	65.69
23 21	13 23-	2132	<b>Grooved 45 Degree Elbows</b> (23 21 13 23-2123)		
23 21	13 23-	2133	EA 2" Copper 45 Degree Elbow, Grooved.....	153.60	17.27
23 21	13 23-	2134	EA 2-1/2" Copper 45 Degree Elbow, Grooved .....	170.94	21.09
23 21	13 23-	2135	EA 3" Copper 45 Degree Elbow, Grooved.....	231.51	25.54
23 21	13 23-	2136	EA 4" Copper 45 Degree Elbow, Grooved.....	481.50	33.69
23 21	13 23-	2137	EA 5" Copper 45 Degree Elbow, Grooved.....	1,257.88	42.17
23 21	13 23-	2138	EA 6" Copper 45 Degree Elbow, Grooved.....	1,983.12	55.20
23 21	13 23-	2139	EA 8" Copper 45 Degree Elbow, Grooved.....	3,647.12	65.69
23 21	13 23-	2140	<b>Grooved Tees</b> (23 21 13 23-2123)		
23 21	13 23-	2141	EA 2" Copper Tee, Grooved.....	245.97	25.43
23 21	13 23-	2142	EA 2-1/2" Copper Tee, Grooved.....	269.48	31.26
23 21	13 23-	2143	EA 3" Copper Tee, Grooved.....	384.73	38.35
23 21	13 23-	2144	EA 4" Copper Tee, Grooved.....	774.57	49.59
23 21	13 23-	2145	EA 5" Copper Tee, Grooved.....	3,101.53	64.85
23 21	13 23-	2146	EA 6" Copper Tee, Grooved.....	2,496.89	81.16
23 21	13 23-	2147	EA 8" Copper Tee, Grooved.....	4,365.84	98.54
23 21	13 23-	2148	<b>Grooved Reducing Tees</b> (23 21 13 23-2123)		
23 21	13 23-	2149	EA 2-1/2" Copper Tee, Reducing, Grooved.....	371.07	31.26
23 21	13 23-	2150	EA 3" Copper Tee, Reducing, Grooved .....	600.43	38.35
23 21	13 23-	2151	EA 4" Copper Tee, Reducing, Grooved.....	986.46	49.70
23 21	13 23-	2152	EA 5" Copper Tee, Reducing, Grooved.....	2,837.61	64.95
23 21	13 23-	2153	EA 6" Copper Tee, Reducing, Grooved.....	3,468.31	81.16
23 21	13 23-	2154	<b>Grooved X Cup Reducing Tees</b> (23 21 13 23-2123)		
23 21	13 23-	2155	EA 2" Copper Tee, Reducing, Grooved X Cup.....	300.30	25.43
23 21	13 23-	2156	EA 2-1/2" Copper Tee, Reducing, Grooved X Cup.....	372.18	31.26
23 21	13 23-	2157	EA 3" Copper Tee, Reducing, Grooved X Cup.....	649.32	38.35
23 21	13 23-	2158	EA 4" Copper Tee, Reducing, Grooved X Cup.....	986.46	49.59
23 21	13 23-	2159	<b>Grooved Flanged Adapter Nipples</b> (23 21 13 23-2123)		
23 21	13 23-	2160	EA 2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	550.95	18.76
23 21	13 23-	2161	EA 2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	580.13	22.78
23 21	13 23-	2162	EA 3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	614.41	27.23
23 21	13 23-	2163	EA 4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	687.25	36.66
23 21	13 23-	2164	EA 5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	914.02	44.40

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 21 13 23-2165	EA	6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150 .....	1,017.93	59.97
<b>23 21 13 23-2166</b>		<b>Grooved Concentric Reducers</b> (23 21 13 23-2123)		
23 21 13 23-2167	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved .....	209.26	19.28
23 21 13 23-2168	EA	3" x 2" Copper Concentric Reducer, Grooved .....	213.51	21.51
23 21 13 23-2169	EA	3" x 2-1/2" Copper Concentric Reducer, Grooved .....	221.73	25.54
23 21 13 23-2170	EA	4" x 2" Copper Concentric Reducer, Grooved .....	400.21	25.75
23 21 13 23-2171	EA	4" x 2-1/2" Copper Concentric Reducer, Grooved .....	403.93	27.54
23 21 13 23-2172	EA	4" x 3" Copper Concentric Reducer, Grooved .....	408.16	29.67
23 21 13 23-2173	EA	5" x 3" Copper Concentric Reducer, Grooved .....	1,049.01	33.91
23 21 13 23-2174	EA	5" x 4" Copper Concentric Reducer, Grooved .....	1,057.49	38.14
23 21 13 23-2175	EA	6" x 3" Copper Concentric Reducer, Grooved .....	1,142.68	40.27
23 21 13 23-2176	EA	6" x 4" Copper Concentric Reducer, Grooved .....	1,151.16	44.50
23 21 13 23-2177	EA	6" x 5" Copper Concentric Reducer, Grooved .....	1,159.64	48.74
23 21 13 23-2178	EA	8" x 6" Copper Concentric Reducer, Grooved .....	1,984.87	60.39
<b>23 21 13 23-2179</b>		<b>Grooved X Cup Concentric Reducers</b> (23 21 13 23-2123)		
23 21 13 23-2180	EA	2" x 1" Copper Concentric Reducer, Grooved X Cup .....	168.29	13.56
23 21 13 23-2181	EA	2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup .....	169.35	14.09
23 21 13 23-2182	EA	2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup .....	172.59	15.69
23 21 13 23-2183	EA	2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup .....	203.05	15.15
23 21 13 23-2184	EA	2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup .....	204.10	15.69
23 21 13 23-2185	EA	2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup .....	207.21	17.27
23 21 13 23-2186	EA	2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup .....	211.44	19.28
23 21 13 23-2187	EA	3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup .....	253.25	19.28
23 21 13 23-2188	EA	3" x 2" Copper Concentric Reducer, Grooved X Cup .....	257.50	21.51
23 21 13 23-2189	EA	4" x 2" Copper Concentric Reducer, Grooved X Cup .....	449.65	25.64
<b>23 21 13 23-2190</b>		<b>Grooved Standard Couplings</b> (23 21 13 23-2123)		
23 21 13 23-2191	EA	2" Copper Standard Coupling, Grooved .....	58.33	8.68
23 21 13 23-2192	EA	2-1/2" Copper Standard Coupling, Grooved .....	68.11	10.60
23 21 13 23-2193	EA	3" Copper Standard Coupling, Grooved .....	76.94	12.61
23 21 13 23-2194	EA	4" Copper Standard Coupling, Grooved .....	112.95	16.95
23 21 13 23-2195	EA	5" Copper Standard Coupling, Grooved .....	176.93	21.09
23 21 13 23-2196	EA	6" Copper Standard Coupling, Grooved .....	233.17	27.54
23 21 13 23-2197	EA	8" Copper Standard Coupling, Grooved .....	342.77	32.84
<b>23 21 13 23-2198</b>		<b>Grooved Caps</b> (23 21 13 23-2123)		
23 21 13 23-2199	EA	2" Copper Cap, Grooved .....	99.33	8.68
23 21 13 23-2200	EA	2-1/2" Copper Cap, Grooved .....	142.80	10.60
23 21 13 23-2201	EA	3" Copper Cap, Grooved .....	176.22	12.61
23 21 13 23-2202	EA	4" Copper Cap, Grooved .....	260.30	16.84
23 21 13 23-2203	EA	5" Copper Cap, Grooved .....	443.88	21.09
23 21 13 23-2204	EA	6" Copper Cap, Grooved .....	517.54	27.54
<b>23 21 13 23-2205</b>		<b>Grooved Valves</b> (23 21 13 23-2122)		
<b>23 21 13 23-2206</b>		<b>Grooved Butterfly Valves, Standard Trim, Without Operator</b> (23 21 13 23-2205)		
		Note: Copper body.		
23 21 13 23-2207	EA	2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body .....	478.28	11.33
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2208	EA	3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body .....	543.93	16.84
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2209	EA	4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body .....	719.02	22.14
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2210	EA	6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body .....	959.34	36.34
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2211	EA	8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body .....	1,057.41	51.07
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
<b>23 21 13 23-2212</b>		<b>Grooved Butterfly Valves, Standard Trim, With Operator</b> (23 21 13 23-2205)		
		Note: Copper body.		
23 21 13 23-2213	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body .....	584.34	11.33
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2214	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body .....	650.06	16.84
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	
23 21 13 23-2215	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body .....	825.15	22.14
		For Chain Wheel, Add .....	43.45	
		For Valve Bracket Insulation, Add .....	38.20	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2216 EA 6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body..... <i>For Chain Wheel, Add For Valve Bracket Insulation, Add</i>	1,065.54 43.45 38.20	36.34
23 21 13 23-2217 EA 8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body..... <i>For Chain Wheel, Add For Valve Bracket Insulation, Add</i>	1,163.54 43.45 38.20	51.07
<b>23 21 13 23-2218 Polyvinylidene Fluoride (PVDF), Socket Weld</b> <small>(23 21 13 23)</small>		
<b>23 21 13 23-2219 Pipe</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2220 LF 1/2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	31.60	3.07
23 21 13 23-2221 LF 3/4" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	42.24	3.82
23 21 13 23-2222 LF 1" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	59.32	4.03
23 21 13 23-2223 LF 1-1/2" Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	82.70	4.45
23 21 13 23-2224 LF 2" Pipe Schedule 40 Polyvinylidene Fluoride (PVDF) Socket Weld.....	104.72	5.30
<b>23 21 13 23-2225 90 Degree Elbows</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2226 EA 1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	47.77	11.33
23 21 13 23-2227 EA 3/4" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	63.80	15.15
23 21 13 23-2228 EA 1" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	106.40	18.86
23 21 13 23-2229 EA 1-1/2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	185.02	30.09
23 21 13 23-2230 EA 2" 90 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	241.37	38.25
<b>23 21 13 23-2231 45 Degree Elbows</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2232 EA 1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	55.52	11.44
23 21 13 23-2233 EA 3/4" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	74.69	15.15
23 21 13 23-2234 EA 1" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	106.40	18.86
23 21 13 23-2235 EA 1-1/2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	158.92	30.09
23 21 13 23-2236 EA 2" 45 Degree Elbow, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	234.49	38.25
<b>23 21 13 23-2237 Tees</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2238 EA 1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	89.05	18.86
23 21 13 23-2239 EA 3/4" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	98.70	22.78
23 21 13 23-2240 EA 1" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	143.44	30.09
23 21 13 23-2241 EA 1-1/2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	236.68	45.56
23 21 13 23-2242 EA 2" Tee, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	349.73	56.58
<b>23 21 13 23-2243 Reducing Tees</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2244 EA 3/4" x 1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	101.46	21.19
23 21 13 23-2245 EA 1" x 1/2" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	142.89	24.69
23 21 13 23-2246 EA 1" x 3/4" Reducing Insert, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	146.08	26.81
23 21 13 23-2247 EA 1-1/2" x 1" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	252.22	38.14
23 21 13 23-2248 EA 2" x 1-1/2" Reducing Tees, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	378.82	50.85
<b>23 21 13 23-2249 Socket Weld Reducing Couplings</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2250 EA 3/4" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	54.25	13.46
23 21 13 23-2251 EA 1" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	69.76	15.57
23 21 13 23-2252 EA 1" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	76.67	17.69
23 21 13 23-2253 EA 1-1/2" x 1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	117.81	21.19
23 21 13 23-2254 EA 1-1/2" x 3/4" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	125.87	23.31
23 21 13 23-2255 EA 1-1/2" x 1" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	127.98	24.69
23 21 13 23-2256 EA 2" x 1-1/2" Reducing Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	180.39	34.65
<b>23 21 13 23-2257 Male Adapters, Socket Weld X Male Thread</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2258 EA 1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	77.88	11.44
23 21 13 23-2259 EA 3/4" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	99.36	15.15
23 21 13 23-2260 EA 1" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	114.29	18.86
23 21 13 23-2261 EA 1-1/2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	146.02	30.09
23 21 13 23-2262 EA 2" Male Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	198.59	38.14
<b>23 21 13 23-2263 Female Adapters, Socket Weld X Female Thread</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2264 EA 1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	77.88	11.44
23 21 13 23-2265 EA 3/4" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	99.64	15.15
23 21 13 23-2266 EA 1" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	114.29	18.86
23 21 13 23-2267 EA 1-1/2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	146.02	30.09
23 21 13 23-2268 EA 2" Female Adapter, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld .....	198.64	38.25
<b>23 21 13 23-2269 Socket Weld Couplings</b> <small>(23 21 13 23-2218)</small>		
23 21 13 23-2270 EA 1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	38.60	11.44
23 21 13 23-2271 EA 3/4" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	49.46	15.15
23 21 13 23-2272 EA 1" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	64.11	18.86



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2273	EA	1-1/2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	119.64	30.09
23 21	13 23-2274	EA	2" Coupling, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	164.81	38.25
<b>23 21</b>	<b>13 23-2275</b>		<b>Socket Weld Unions (23 21 13 23-2218)</b>		
23 21	13 23-2276	EA	1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	161.60	18.86
23 21	13 23-2277	EA	3/4" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	193.62	22.78
23 21	13 23-2278	EA	1" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	279.36	30.09
23 21	13 23-2279	EA	1-1/2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	491.32	45.56
23 21	13 23-2280	EA	2" Union, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	605.23	56.58
<b>23 21</b>	<b>13 23-2281</b>		<b>Caps (23 21 13 23-2218)</b>		
23 21	13 23-2282	EA	1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	29.78	5.67
23 21	13 23-2283	EA	3/4" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	42.22	7.59
23 21	13 23-2284	EA	1" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	53.09	9.39
23 21	13 23-2285	EA	1-1/2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	94.24	15.01
23 21	13 23-2286	EA	2" Cap, Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	134.14	19.05
<b>23 21</b>	<b>13 23-2287</b>		<b>150 Lb. Socket Weld Flanges (23 21 13 23-2218)</b>		
23 21	13 23-2288	EA	1/2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	108.84	19.07
23 21	13 23-2289	EA	3/4" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	137.41	22.57
23 21	13 23-2290	EA	1" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	181.01	30.40
23 21	13 23-2291	EA	1-1/2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	260.48	45.98
23 21	13 23-2292	EA	2" Flange, 150 Lb. Polyvinylidene Fluoride (PVDF) Schedule 40 Socket Weld.....	414.54	56.58
<b>23 21</b>	<b>13 23-2293</b>		<b>Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23)</b>		
			Note: Socket or back weld.		
<b>23 21</b>	<b>13 23-2294</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2293)</b>		
			Note: ASTM D1785 with D2466 fittings.		
<b>23 21</b>	<b>13 23-2295</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2294)</b>		
23 21	13 23-2296	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	5.31	3.03
			<i>For Work In Restricted Working Space, Add</i>	1.36	
23 21	13 23-2297	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	6.67	3.78
			<i>For Work In Restricted Working Space, Add</i>	1.70	
23 21	13 23-2298	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	7.48	4.04
			<i>For Work In Restricted Working Space, Add</i>	1.82	
23 21	13 23-2299	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.39	4.34
			<i>For Work In Restricted Working Space, Add</i>	1.96	
23 21	13 23-2300	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	8.77	4.42
			<i>For Work In Restricted Working Space, Add</i>	1.99	
23 21	13 23-2301	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	10.86	5.29
			<i>For Work In Restricted Working Space, Add</i>	2.38	
23 21	13 23-2302	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	14.05	6.29
			<i>For Work In Restricted Working Space, Add</i>	2.83	
23 21	13 23-2303	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	17.40	7.60
			<i>For Work In Restricted Working Space, Add</i>	3.42	
23 21	13 23-2304	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	25.75	11.39
			<i>For Work In Restricted Working Space, Add</i>	5.13	
23 21	13 23-2305	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	37.90	15.19
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-2306	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	50.11	18.10
			<i>For Work In Restricted Working Space, Add</i>	8.15	
23 21	13 23-2307	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe.....	100.55	20.23
			<i>For Work In Restricted Working Space, Add</i>	9.09	
<b>23 21</b>	<b>13 23-2308</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2294)</b>		
23 21	13 23-2309	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	17.92	11.44
			<i>For Work In Restricted Working Space, Add</i>	5.13	
23 21	13 23-2310	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	23.96	15.15
			<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21	13 23-2311	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	30.34	18.86
			<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21	13 23-2312	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	43.81	26.70
			<i>For Work In Restricted Working Space, Add</i>	11.99	
23 21	13 23-2313	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	49.16	30.09
			<i>For Work In Restricted Working Space, Add</i>	13.52	
23 21	13 23-2314	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	63.68	38.25
			<i>For Work In Restricted Working Space, Add</i>	17.18	
23 21	13 23-2315	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	104.24	56.58
			<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21	13 23-2316	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	134.92	74.38
			<i>For Work In Restricted Working Space, Add</i>	33.46	
23 21	13 23-2317	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	174.24	88.36
			<i>For Work In Restricted Working Space, Add</i>	39.74	
23 21	13 23-2318	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows.....	251.44	100.97
			<i>For Work In Restricted Working Space, Add</i>	45.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2319 EA 8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	434.26	117.82
<i>For Work In Restricted Working Space, Add</i>	52.98	
23 21 13 23-2320 EA 10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows .....	649.43	175.67
<i>For Work In Restricted Working Space, Add</i>	78.99	
<b>23 21 13 23-2321 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2294)</b>		
23 21 13 23-2322 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	18.34	11.44
<i>For Work In Restricted Working Space, Add</i>	5.13	
23 21 13 23-2323 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	24.79	15.15
<i>For Work In Restricted Working Space, Add</i>	6.84	
23 21 13 23-2324 EA 1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	31.51	18.86
<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-2325 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	44.56	26.70
<i>For Work In Restricted Working Space, Add</i>	11.99	
23 21 13 23-2326 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	50.82	30.09
<i>For Work In Restricted Working Space, Add</i>	13.52	
23 21 13 23-2327 EA 2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	64.76	38.25
<i>For Work In Restricted Working Space, Add</i>	17.18	
23 21 13 23-2328 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	104.24	56.58
<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 13 23-2329 EA 3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	141.92	74.38
<i>For Work In Restricted Working Space, Add</i>	33.46	
23 21 13 23-2330 EA 4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	186.98	88.36
<i>For Work In Restricted Working Space, Add</i>	39.74	
23 21 13 23-2331 EA 6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	252.61	100.97
<i>For Work In Restricted Working Space, Add</i>	45.41	
23 21 13 23-2332 EA 8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	420.19	117.82
<i>For Work In Restricted Working Space, Add</i>	52.98	
23 21 13 23-2333 EA 10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows .....	649.43	175.67
<i>For Work In Restricted Working Space, Add</i>	78.99	
<b>23 21 13 23-2334 Schedule 40 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2294)</b>		
23 21 13 23-2335 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	29.26	18.86
<i>For Work In Restricted Working Space, Add</i>	8.48	
23 21 13 23-2336 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	35.26	22.78
<i>For Work In Restricted Working Space, Add</i>	10.25	
23 21 13 23-2337 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	47.16	30.09
<i>For Work In Restricted Working Space, Add</i>	13.52	
23 21 13 23-2338 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	60.60	38.25
<i>For Work In Restricted Working Space, Add</i>	17.18	
23 21 13 23-2339 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	72.43	45.56
<i>For Work In Restricted Working Space, Add</i>	20.51	
23 21 13 23-2340 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	90.67	56.58
<i>For Work In Restricted Working Space, Add</i>	25.43	
23 21 13 23-2341 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	131.18	74.38
<i>For Work In Restricted Working Space, Add</i>	33.46	
23 21 13 23-2342 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	158.18	88.36
<i>For Work In Restricted Working Space, Add</i>	39.74	
23 21 13 23-2343 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	223.21	117.82
<i>For Work In Restricted Working Space, Add</i>	52.98	
23 21 13 23-2344 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	385.04	151.94
<i>For Work In Restricted Working Space, Add</i>	68.36	
23 21 13 23-2345 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	647.19	188.49
<i>For Work In Restricted Working Space, Add</i>	84.76	
23 21 13 23-2346 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Tees .....	1,849.12	281.62
<i>For Work In Restricted Working Space, Add</i>	126.68	
<b>23 21 13 23-2347 Schedule 40 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2294)</b>		
23 21 13 23-2348 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	36.89	23.52
<i>For Work In Restricted Working Space, Add</i>	10.60	
23 21 13 23-2349 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	44.42	28.50
<i>For Work In Restricted Working Space, Add</i>	12.82	
23 21 13 23-2350 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	59.63	37.62
<i>For Work In Restricted Working Space, Add</i>	16.91	
23 21 13 23-2351 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	76.81	47.78
<i>For Work In Restricted Working Space, Add</i>	21.48	
23 21 13 23-2352 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	91.84	57.00
<i>For Work In Restricted Working Space, Add</i>	25.64	
23 21 13 23-2353 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	115.22	70.67
<i>For Work In Restricted Working Space, Add</i>	31.79	
23 21 13 23-2354 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	170.21	93.03
<i>For Work In Restricted Working Space, Add</i>	41.82	
23 21 13 23-2355 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	205.87	110.40
<i>For Work In Restricted Working Space, Add</i>	49.67	
23 21 13 23-2356 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	293.83	147.27
<i>For Work In Restricted Working Space, Add</i>	66.22	
23 21 13 23-2357 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	531.10	189.87
<i>For Work In Restricted Working Space, Add</i>	85.41	
23 21 13 23-2358 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Crosses .....	924.61	235.42
<i>For Work In Restricted Working Space, Add</i>	105.90	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2359	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	2,764.83 158.42	352.18
<b>23 21 13 23-2360</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts</b> <small>(23 21 13 23-2294)</small>		
23 21 13 23-2361	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	18.48 5.32	11.66
23 21 13 23-2362	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.27 6.81	14.94
23 21 13 23-2363	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	32.40 9.10	20.03
23 21 13 23-2364	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	39.97 11.34	24.90
23 21 13 23-2365	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	49.16 13.65	29.98
23 21 13 23-2366	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	68.95 18.94	41.64
23 21 13 23-2367	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	95.98 26.17	57.53
23 21 13 23-2368	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	128.16 32.53	71.52
23 21 13 23-2369	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	175.17 37.84	83.28
23 21 13 23-2370	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	427.70 43.73	96.21
23 21 13 23-2371	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	508.49 58.65	129.05
<b>23 21 13 23-2372</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts</b> <small>(23 21 13 23-2294)</small>		
23 21 13 23-2373	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	18.84 5.13	11.44
23 21 13 23-2374	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.54 6.84	15.15
23 21 13 23-2375	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	30.42 8.48	18.86
23 21 13 23-2376	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	43.31 11.99	26.70
23 21 13 23-2377	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	48.91 13.52	30.09
23 21 13 23-2378	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	62.51 17.18	38.25
23 21 13 23-2379	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	92.34 25.43	56.58
23 21 13 23-2380	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	120.27 33.46	74.38
23 21 13 23-2381	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	152.18 39.74	88.36
<b>23 21 13 23-2382</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters</b> <small>(23 21 13 23-2294)</small>		
23 21 13 23-2383	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	19.42 5.13	11.44
23 21 13 23-2384	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	25.12 6.84	15.15
23 21 13 23-2385	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	31.59 8.48	18.86
23 21 13 23-2386	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	43.98 11.99	26.70
23 21 13 23-2387	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	50.41 13.52	30.09
23 21 13 23-2388	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	63.85 17.18	38.25
23 21 13 23-2389	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	93.83 25.43	56.58
23 21 13 23-2390	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	124.85 33.46	74.38
23 21 13 23-2391	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters <i>For Work In Restricted Working Space, Add</i>	149.52 39.74	88.36
<b>23 21 13 23-2392</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters</b> <small>(23 21 13 23-2294)</small>		
23 21 13 23-2393	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	17.92 5.13	11.44
23 21 13 23-2394	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	23.87 6.84	15.15
23 21 13 23-2395	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	29.51 8.48	18.86
23 21 13 23-2396	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	41.98 11.99	26.70



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2397 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters ..... <i>For Work In Restricted Working Space, Add</i>	47.41 13.52	30.09
23 21 13 23-2398 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	60.43 17.18	38.25
23 21 13 23-2399 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters ..... <i>For Work In Restricted Working Space, Add</i>	98.49 25.43	56.58
23 21 13 23-2400 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	130.01 33.46	74.38
23 21 13 23-2401 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	163.00 39.74	88.36
<b>23 21 13 23-2402 Schedule 40 Polyvinyl Chloride (PVC) P-Traps (23 21 13 23-2294)</b>		
23 21 13 23-2403 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps..... <i>For Work In Restricted Working Space, Add</i>	29.39 6.99	15.57
<b>23 21 13 23-2404 Schedule 40 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2294)</b>		
23 21 13 23-2405 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	17.59 5.73	11.44
23 21 13 23-2406 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	23.46 6.84	15.15
23 21 13 23-2407 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	29.51 8.48	18.86
23 21 13 23-2408 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	41.65 11.99	26.70
23 21 13 23-2409 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	46.91 13.52	30.09
23 21 13 23-2410 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	60.10 17.18	38.25
23 21 13 23-2411 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	91.09 25.43	56.58
23 21 13 23-2412 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	121.44 33.46	74.38
23 21 13 23-2413 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	146.85 39.74	88.36
23 21 13 23-2414 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	196.99 45.41	100.97
23 21 13 23-2415 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	261.84 52.98	117.82
23 21 13 23-2416 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i>	580.56 56.78	126.30
<b>23 21 13 23-2417 Schedule 40 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2294)</b>		
23 21 13 23-2418 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	37.30 8.48	18.86
23 21 13 23-2419 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	48.25 10.25	22.78
23 21 13 23-2420 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	60.81 13.52	30.09
23 21 13 23-2421 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	95.57 17.18	38.25
23 21 13 23-2422 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	108.31 20.51	45.56
23 21 13 23-2423 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	138.62 25.43	56.58
23 21 13 23-2424 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	209.27 33.46	74.38
23 21 13 23-2425 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	236.02 39.74	88.36
23 21 13 23-2426 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	381.97 52.98	117.82
23 21 13 23-2427 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	503.07 68.33	151.94
23 21 13 23-2428 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	736.60 84.72	188.39
23 21 13 23-2429 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	1,099.32 105.20	233.84
<b>23 21 13 23-2430 Schedule 40 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2294)</b>		
23 21 13 23-2431 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i>	8.45 2.33	5.14
23 21 13 23-2432 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i>	11.09 3.08	6.78
23 21 13 23-2433 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i>	14.04 3.81	8.37
23 21 13 23-2434 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i>	20.01 5.45	11.99
23 21 13 23-2435 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i>	22.29 6.09	13.35

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21 13 23-2436	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	28.18 7.73	17.06
23 21 13 23-2437	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	46.05 11.44	25.22
23 21 13 23-2438	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	58.76 15.06	33.16
23 21 13 23-2439	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	79.25 17.88	39.31
23 21 13 23-2440	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	115.16 20.44	44.92
23 21 13 23-2441	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	236.82 23.84	52.45
23 21 13 23-2442	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	.....	700.67 35.54	78.20
<b>23 21 13 23-2443</b>		<b>Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges</b> <small>(23 21 13 23-2294)</small>			
23 21 13 23-2444	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Socket Weld Flanges <i>For Work In Restricted Working Space, Add</i>	.....	44.99 8.48	18.86
23 21 13 23-2445	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	59.82 10.25	22.78
23 21 13 23-2446	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	73.63 13.52	30.09
23 21 13 23-2447	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	86.66 17.18	38.25
23 21 13 23-2448	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	98.40 20.51	45.56
23 21 13 23-2449	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	124.72 25.43	56.58
23 21 13 23-2450	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	173.22 33.46	74.38
23 21 13 23-2451	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	200.55 39.74	88.36
23 21 13 23-2452	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	262.84 52.98	117.82
23 21 13 23-2453	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	363.37 68.33	151.94
23 21 13 23-2454	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	588.33 84.72	188.39
23 21 13 23-2455	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 Lb. Flanges <i>For Work In Restricted Working Space, Add</i>	.....	1,039.66 105.03	233.52
<b>23 21 13 23-2456</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings</b> <small>(23 21 13 23-2293)</small>			
		Note: ASTM D1785 with D2467 fittings.			
<b>23 21 13 23-2457</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe</b> <small>(23 21 13 23-2456)</small>			
23 21 13 23-2458	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	5.53 1.36	3.07
23 21 13 23-2459	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	6.95 1.70	3.82
23 21 13 23-2460	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	8.68 2.04	4.55
23 21 13 23-2461	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	10.51 2.39	5.30
23 21 13 23-2462	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	12.13 2.73	6.03
23 21 13 23-2463	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	15.80 3.42	7.63
23 21 13 23-2464	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	19.10 3.76	8.37
23 21 13 23-2465	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	22.38 4.10	9.11
23 21 13 23-2466	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	29.88 5.13	11.44
23 21 13 23-2467	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	47.11 6.84	15.15
23 21 13 23-2468	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	64.23 8.15	18.11
23 21 13 23-2469	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	.....	143.41 8.78	19.49
<b>23 21 13 23-2470</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows</b> <small>(23 21 13 23-2456)</small>			
23 21 13 23-2471	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	.....	20.09 5.13 2.56	11.44
23 21 13 23-2472	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	.....	26.70 6.84 3.42	15.15
23 21 13 23-2473	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	.....	34.59 8.48 4.24	18.86





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2474 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	48.39 11.99 6.00	26.70
23 21 13 23-2475 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	54.07 13.52 6.76	30.09
23 21 13 23-2476 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	68.18 17.18 8.59	38.25
23 21 13 23-2477 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	110.32 25.43 12.71	56.58
23 21 13 23-2478 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	140.25 33.46 16.73	74.38
23 21 13 23-2479 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	176.07 39.74 19.87	88.36
23 21 13 23-2480 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	308.97 45.41 22.71	100.97
23 21 13 23-2481 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	519.18 52.98 26.49	117.82
23 21 13 23-2482 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	649.43 78.99 39.50	175.67
<b>23 21 13 23-2483 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2456)</b>		
23 21 13 23-2484 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	22.83 5.13 2.56	11.44
23 21 13 23-2485 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	31.53 6.84 3.42	15.15
23 21 13 23-2486 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	41.41 8.48 4.24	18.86
23 21 13 23-2487 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	56.80 11.99 6.00	26.70
23 21 13 23-2488 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	64.89 13.52 6.76	30.09
23 21 13 23-2489 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	83.00 17.18 8.59	38.25
23 21 13 23-2490 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	138.88 25.43 12.71	56.58
23 21 13 23-2491 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	177.39 33.46 16.73	74.38
23 21 13 23-2492 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	251.09 39.74 19.87	88.36
23 21 13 23-2493 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	300.74 45.41 22.71	100.97
23 21 13 23-2494 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	500.46 52.98 26.49	117.82
23 21 13 23-2495 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	628.39 78.99 39.50	175.67
<b>23 21 13 23-2496 Schedule 80 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2456)</b>		
23 21 13 23-2497 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	35.41 8.05 4.02	17.90
23 21 13 23-2498 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	43.17 10.25 5.13	22.78
23 21 13 23-2499 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	56.32 13.52 6.76	30.09
23 21 13 23-2500 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	88.33 17.18 8.59	38.25
23 21 13 23-2501 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	99.41 20.51 10.25	45.56



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2502 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	123.64 25.43 12.71	56.58
23 21 13 23-2503 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	153.83 33.46 16.73	74.38
23 21 13 23-2504 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	185.24 39.74 19.87	88.36
23 21 13 23-2505 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	237.78 52.98 26.49	117.82
23 21 13 23-2506 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	436.92 68.36 34.18	151.94
23 21 13 23-2507 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	767.44 84.76 42.38	188.49
23 21 13 23-2508 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Tees..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,849.22 126.68 63.34	281.62
<b>23 21 13 23-2509 Schedule 80 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2456)</b>		
23 21 13 23-2510 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	46.97 10.06 5.03	22.35
23 21 13 23-2511 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	56.81 12.82 6.41	28.50
23 21 13 23-2512 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	73.98 16.91 8.45	37.62
23 21 13 23-2513 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	120.27 21.48 10.74	47.78
23 21 13 23-2514 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	134.13 25.64 12.82	57.00
23 21 13 23-2515 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	166.90 31.79 15.89	70.67
23 21 13 23-2516 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	205.72 41.82 20.91	93.03
23 21 13 23-2517 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	248.30 49.67 24.83	110.40
23 21 13 23-2518 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	316.67 66.22 33.11	147.27
23 21 13 23-2519 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	612.43 85.41 42.71	189.87
23 21 13 23-2520 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,113.11 105.90 52.95	235.42
23 21 13 23-2521 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Crosses ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	2,764.98 158.42 79.21	352.18
<b>23 21 13 23-2522 Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2456)</b>		
23 21 13 23-2523 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	24.54 6.84	15.15
23 21 13 23-2524 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	33.34 8.48	18.86
23 21 13 23-2525 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	47.97 11.99	26.70
23 21 13 23-2526 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	55.99 13.52	30.09
23 21 13 23-2527 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	72.84 17.18	38.25
23 21 13 23-2528 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	111.73 25.43	56.58
23 21 13 23-2529 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	154.40 33.46	74.38
23 21 13 23-2530 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	191.89 39.74	88.36
23 21 13 23-2531 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	217.30 45.41	100.97
23 21 13 23-2532 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	322.94 52.98	117.82
23 21 13 23-2533 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	518.16 61.54	136.79



Heating, Ventilating, and Air-Conditioning (HVAC)

23

HVAC Piping and Pumps

23 20

Hydronic Piping and Pumps

23 21



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2534		<b>Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts</b> (23 21 13 23-2456)		
	23 21	13 23-2535	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....17.67 <i>For Work In Restricted Working Space, Add</i> 5.13	11.44	
	23 21	13 23-2536	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....26.04 <i>For Work In Restricted Working Space, Add</i> 6.84	15.15	
	23 21	13 23-2537	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....33.34 <i>For Work In Restricted Working Space, Add</i> 8.48	18.86	
	23 21	13 23-2538	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....50.30 <i>For Work In Restricted Working Space, Add</i> 11.99	26.70	
	23 21	13 23-2539	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....58.07 <i>For Work In Restricted Working Space, Add</i> 13.52	30.09	
	23 21	13 23-2540	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....73.17 <i>For Work In Restricted Working Space, Add</i> 17.18	38.25	
	23 21	13 23-2541	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....118.39 <i>For Work In Restricted Working Space, Add</i> 25.43	56.58	
	23 21	13 23-2542	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....173.80 <i>For Work In Restricted Working Space, Add</i> 33.46	74.38	
	23 21	13 23-2543	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts .....228.19 <i>For Work In Restricted Working Space, Add</i> 39.74	88.36	
23 21	13 23-2544		<b>Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters</b> (23 21 13 23-2456)		
	23 21	13 23-2545	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....24.17 <i>For Work In Restricted Working Space, Add</i> 5.13	11.44	
	23 21	13 23-2546	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....30.62 <i>For Work In Restricted Working Space, Add</i> 6.84	15.15	
	23 21	13 23-2547	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....41.91 <i>For Work In Restricted Working Space, Add</i> 8.48	18.86	
	23 21	13 23-2548	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....55.97 <i>For Work In Restricted Working Space, Add</i> 11.99	26.70	
	23 21	13 23-2549	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....68.06 <i>For Work In Restricted Working Space, Add</i> 13.52	30.09	
	23 21	13 23-2550	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....87.24 <i>For Work In Restricted Working Space, Add</i> 17.18	38.25	
	23 21	13 23-2551	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....118.89 <i>For Work In Restricted Working Space, Add</i> 25.43	56.58	
	23 21	13 23-2552	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....149.41 <i>For Work In Restricted Working Space, Add</i> 33.46	74.38	
	23 21	13 23-2553	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters.....199.80 <i>For Work In Restricted Working Space, Add</i> 39.74	88.36	
23 21	13 23-2554		<b>Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters</b> (23 21 13 23-2456)		
	23 21	13 23-2555	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....22.25 <i>For Work In Restricted Working Space, Add</i> 5.13	11.44	
	23 21	13 23-2556	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....30.45 <i>For Work In Restricted Working Space, Add</i> 6.84	15.15	
	23 21	13 23-2557	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....39.58 <i>For Work In Restricted Working Space, Add</i> 8.48	18.86	
	23 21	13 23-2558	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....58.38 <i>For Work In Restricted Working Space, Add</i> 11.99	26.70	
	23 21	13 23-2559	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....67.64 <i>For Work In Restricted Working Space, Add</i> 13.52	30.09	
	23 21	13 23-2560	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....96.56 <i>For Work In Restricted Working Space, Add</i> 17.18	38.25	
	23 21	13 23-2561	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters .....146.87 <i>For Work In Restricted Working Space, Add</i> 25.43	56.58	
	23 21	13 23-2562	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....181.46 <i>For Work In Restricted Working Space, Add</i> 33.46	74.38	
	23 21	13 23-2563	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters.....252.66 <i>For Work In Restricted Working Space, Add</i> 39.74	88.36	
23 21	13 23-2564		<b>Schedule 80 Polyvinyl Chloride (PVC) Couplings</b> (23 21 13 23-2456)		
	23 21	13 23-2565	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....22.58 <i>For Work In Restricted Working Space, Add</i> 5.13 <i>For Threaded Fittings, Add</i> 2.56	11.44	
	23 21	13 23-2566	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings.....30.20 <i>For Work In Restricted Working Space, Add</i> 6.84 <i>For Threaded Fittings, Add</i> 3.42	15.15	
	23 21	13 23-2567	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....35.92 <i>For Work In Restricted Working Space, Add</i> 8.48 <i>For Threaded Fittings, Add</i> 4.24	18.86	
	23 21	13 23-2568	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....51.72 <i>For Work In Restricted Working Space, Add</i> 11.99 <i>For Threaded Fittings, Add</i> 6.00	26.70	
	23 21	13 23-2569	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings .....57.73 <i>For Work In Restricted Working Space, Add</i> 13.52 <i>For Threaded Fittings, Add</i> 6.76	30.09	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2570	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	70.76 17.18 8.59	38.25
23 21	13 23-2571	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	118.14 25.43 12.71	56.58
23 21	13 23-2572	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	149.91 33.46 16.73	74.38
23 21	13 23-2573	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	180.57 39.74 19.87	88.36
23 21	13 23-2574	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	254.85 45.41 22.71	100.97
23 21	13 23-2575	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	317.45 52.98 26.49	117.82
23 21	13 23-2576	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	605.53 56.78 28.39	126.30
<b>23 21</b>	<b>13 23-2577</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Unions</b> <small>(23 21 13 23-2456)</small>		
23 21	13 23-2578	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	40.58 8.48	18.86
23 21	13 23-2579	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	48.42 10.25	22.78
23 21	13 23-2580	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	61.31 13.52	30.09
23 21	13 23-2581	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	97.90 17.18	38.25
23 21	13 23-2582	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	120.63 20.51	45.56
23 21	13 23-2583	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	155.61 25.43	56.58
23 21	13 23-2584	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	243.44 33.46	74.38
23 21	13 23-2585	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	302.48 39.74	88.36
23 21	13 23-2586	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	382.47 52.98	117.82
23 21	13 23-2587	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	503.07 68.33	151.94
23 21	13 23-2588	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	736.60 84.72	188.39
23 21	13 23-2589	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions ..... <i>For Work In Restricted Working Space, Add</i>	1,098.77 105.03	233.52
<b>23 21</b>	<b>13 23-2590</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions</b> <small>(23 21 13 23-2456)</small>		
23 21	13 23-2591	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	42.94	23.54
23 21	13 23-2592	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	51.47	27.23
23 21	13 23-2593	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	62.50	32.11
23 21	13 23-2594	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	84.54	38.25
23 21	13 23-2595	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	101.96	45.56
23 21	13 23-2596	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	136.07	56.58
23 21	13 23-2597	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	294.36	109.66
23 21	13 23-2598	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union.....	318.67	121.64
<b>23 21</b>	<b>13 23-2599</b>		<b>Schedule 80 Polyvinyl Chloride (PVC) Caps</b> <small>(23 21 13 23-2456)</small>		
23 21	13 23-2600	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	15.44 2.31 1.16	5.09
23 21	13 23-2601	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.42 3.08 1.54	6.78
23 21	13 23-2602	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	27.20 3.81 1.91	8.37
23 21	13 23-2603	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	35.47 5.40 2.70	11.87
23 21	13 23-2604	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	37.77 6.09 3.04	13.35
23 21	13 23-2605	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	51.99 7.73 3.87	17.06
23 21	13 23-2606	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	92.00 11.44 5.72	25.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2607 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	116.04 15.06 7.53	33.16
23 21 13 23-2608 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	165.50 17.88 8.94	39.31
23 21 13 23-2609 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	331.20 20.44 10.22	44.92
23 21 13 23-2610 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	440.87 23.84 11.92	52.45
23 21 13 23-2611 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Caps ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	783.92 35.54 17.77	78.20
<b>23 21 13 23-2612 Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges</b> <small>(23 21 13 23-2456)</small>		
23 21 13 23-2613 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	52.15 8.48 4.24	18.86
23 21 13 23-2614 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	59.82 10.25 5.13	22.78
23 21 13 23-2615 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	73.64 13.52 6.76	30.09
23 21 13 23-2616 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	86.66 17.18 8.59	38.25
23 21 13 23-2617 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	98.40 20.51 10.25	45.56
23 21 13 23-2618 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	124.72 25.43 12.71	56.58
23 21 13 23-2619 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	173.22 33.46 16.73	74.38
23 21 13 23-2620 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	200.55 39.74 19.87	88.36
23 21 13 23-2621 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	262.84 52.98 26.49	117.82
23 21 13 23-2622 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	363.38 68.33 34.16	151.94
23 21 13 23-2623 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	588.34 84.72 42.36	188.39
23 21 13 23-2624 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 150 Lb. Flanges ..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,039.66 105.03 52.52	233.52
<b>23 21 13 23-2625 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe</b> <small>(23 21 13 23-2293)</small>		
Note: In place pipe.		
23 21 13 23-2626 EA 1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	5.75 1.73	
23 21 13 23-2627 EA 3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	6.21 1.86	
23 21 13 23-2628 EA 1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	6.99 2.10	
23 21 13 23-2629 EA 1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.33 2.20	
23 21 13 23-2630 EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	7.76 2.33	
23 21 13 23-2631 EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	8.55 2.57	
23 21 13 23-2632 EA 2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	9.20 2.76	
23 21 13 23-2633 EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	10.87 3.26	
23 21 13 23-2634 EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	14.67 4.40	
23 21 13 23-2635 EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	20.96 6.29	
23 21 13 23-2636 EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	27.96 8.39	
23 21 13 23-2637 EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe ..... <i>For Work In Restricted Working Space, Add</i>	34.18 10.25	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-2638		Polyethylene Pipe And Fittings <sup>(23 21 13 23)</sup>		
23 21 13 23-2639		Small Diameter Tubing <sup>(23 21 13 23-2638)</sup>		
23 21 13 23-2640		Tubing <sup>(23 21 13 23-2639)</sup>		
23 21 13 23-2641	LF	1/4" Polyethylene Tubing .....	3.49	
		<i>For Work In Restricted Working Space, Add</i> .....	0.96	
23 21 13 23-2642	LF	5/16" Polyethylene Tubing .....	3.82	
		<i>For Work In Restricted Working Space, Add</i> .....	0.98	
23 21 13 23-2643	LF	3/8" Polyethylene Tubing .....	4.05	
		<i>For Work In Restricted Working Space, Add</i> .....	1.00	
23 21 13 23-2644	LF	1/2" Polyethylene Tubing .....	4.14	
		<i>For Work In Restricted Working Space, Add</i> .....	1.08	
23 21 13 23-2645		Chrome Plated Pipe <sup>(23 21 13 23)</sup>		
23 21 13 23-2646		Chrome Plated Nipples <sup>(23 21 13 23-2645)</sup>		
23 21 13 23-2647		Close <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2648	EA	1/4" Diameter Chrome Plated Nipple, Close .....	20.35	9.20
23 21 13 23-2649	EA	3/8" Diameter Chrome Plated Nipple, Close .....	19.51	10.01
23 21 13 23-2650	EA	1/2" Diameter Chrome Plated Nipple, Close .....	24.22	11.51
23 21 13 23-2651	EA	3/4" Diameter Chrome Plated Nipple, Close .....	31.75	14.61
23 21 13 23-2652	EA	1" Diameter Chrome Plated Nipple, Close .....	42.50	19.21
23 21 13 23-2653	EA	1-1/4" Diameter Chrome Plated Nipple, Close .....	60.19	26.80
23 21 13 23-2654	EA	1-1/2" Diameter Chrome Plated Nipple, Close .....	73.40	31.41
23 21 13 23-2655	EA	2" Diameter Chrome Plated Nipple, Close .....	94.53	39.12
23 21 13 23-2656		1-1/2" Nipples <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2657	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple .....	21.73	9.55
23 21 13 23-2658	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple .....	20.59	10.35
23 21 13 23-2659	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple .....	24.82	11.85
23 21 13 23-2660	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple .....	32.88	14.95
23 21 13 23-2661		2" Nipples <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2662	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple .....	22.59	10.01
23 21 13 23-2663	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple .....	21.31	10.70
23 21 13 23-2664	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple .....	26.72	12.31
23 21 13 23-2665	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple .....	34.49	15.31
23 21 13 23-2666	EA	1" Diameter, 2" Length, Chrome Plated Nipple .....	44.94	19.91
23 21 13 23-2667	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple .....	64.16	27.61
23 21 13 23-2668	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple .....	77.98	32.21
23 21 13 23-2669		2-1/2" Nipples <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2670	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	23.89	10.35
23 21 13 23-2671	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	22.09	11.16
23 21 13 23-2672	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	27.87	12.66
23 21 13 23-2673	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	35.32	15.76
23 21 13 23-2674	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	46.21	20.36
23 21 13 23-2675	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	67.96	27.96
23 21 13 23-2676	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	83.06	32.56
23 21 13 23-2677	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple .....	105.62	40.27
23 21 13 23-2678		3" Nipples <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2679	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple .....	24.89	10.70
23 21 13 23-2680	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple .....	23.39	11.51
23 21 13 23-2681	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple .....	27.50	12.31
23 21 13 23-2682	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple .....	38.10	16.11
23 21 13 23-2683	EA	1" Diameter, 3" Length, Chrome Plated Nipple .....	51.87	20.71
23 21 13 23-2684	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple .....	72.12	28.42
23 21 13 23-2685	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple .....	94.99	33.02
23 21 13 23-2686	EA	2" Diameter, 3" Length, Chrome Plated Nipple .....	114.97	40.73
23 21 13 23-2687		3-1/2" Nipples <sup>(23 21 13 23-2646)</sup>		
23 21 13 23-2688	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	26.02	11.16
23 21 13 23-2689	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	25.60	11.85
23 21 13 23-2690	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	30.30	13.46
23 21 13 23-2691	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	42.20	16.45
23 21 13 23-2692	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	54.06	21.05
23 21 13 23-2693	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	80.26	28.77
23 21 13 23-2694	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	98.58	33.37
23 21 13 23-2695	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple .....	122.42	41.07
23 21 13 23-2696		4" Nipples <sup>(23 21 13 23-2646)</sup>		





Heating, Ventilating, and Air-Conditioning (HVAC) 23

HVAC Piping and Pumps 23 20

Hydronic Piping and Pumps 23 21



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2697	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple.....	27.14	11.51
23 21	13 23-2698	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple.....	26.25	12.31
23 21	13 23-2699	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple.....	30.55	13.00
23 21	13 23-2700	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple.....	43.83	16.92
23 21	13 23-2701	EA	1" Diameter, 4" Length, Chrome Plated Nipple.....	56.15	21.52
23 21	13 23-2702	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple.....	86.47	29.11
23 21	13 23-2703	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple.....	105.94	33.71
23 21	13 23-2704	EA	2" Diameter, 4" Length, Chrome Plated Nipple.....	131.51	41.43
<b>23 21</b>	<b>13 23-2705</b>		<b>4-1/2" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2706	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	28.14	11.85
23 21	13 23-2707	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	28.46	12.66
23 21	13 23-2708	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	33.51	14.15
23 21	13 23-2709	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	45.69	17.26
23 21	13 23-2710	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	63.33	21.86
23 21	13 23-2711	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	92.42	29.57
23 21	13 23-2712	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	109.22	34.18
23 21	13 23-2713	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	139.88	41.88
<b>23 21</b>	<b>13 23-2714</b>		<b>5" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2715	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple.....	31.55	12.31
23 21	13 23-2716	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple.....	29.85	13.00
23 21	13 23-2717	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple.....	34.72	14.61
23 21	13 23-2718	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple.....	47.48	17.60
23 21	13 23-2719	EA	1" Diameter, 5" Length, Chrome Plated Nipple.....	67.69	22.20
23 21	13 23-2720	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple.....	97.83	29.92
23 21	13 23-2721	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple.....	116.61	34.52
23 21	13 23-2722	EA	2" Diameter, 5" Length, Chrome Plated Nipple.....	145.30	42.23
<b>23 21</b>	<b>13 23-2723</b>		<b>5-1/2" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2724	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	32.58	12.66
23 21	13 23-2725	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	30.95	13.46
23 21	13 23-2726	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	38.11	14.95
23 21	13 23-2727	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	49.26	18.06
23 21	13 23-2728	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	69.98	22.67
23 21	13 23-2729	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	104.39	30.26
23 21	13 23-2730	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	122.50	34.86
23 21	13 23-2731	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	152.17	42.57
<b>23 21</b>	<b>13 23-2732</b>		<b>6" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2733	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple.....	33.78	13.00
23 21	13 23-2734	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple.....	31.56	13.81
23 21	13 23-2735	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple.....	39.22	15.31
23 21	13 23-2736	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple.....	50.71	18.41
23 21	13 23-2737	EA	1" Diameter, 6" Length, Chrome Plated Nipple.....	76.95	23.01
23 21	13 23-2738	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple.....	108.43	30.72
23 21	13 23-2739	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple.....	131.57	35.32
23 21	13 23-2740	EA	2" Diameter, 6" Length, Chrome Plated Nipple.....	158.48	43.04
<b>23 21</b>	<b>13 23-2741</b>		<b>8" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2742	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple.....	37.73	14.61
23 21	13 23-2743	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple.....	56.04	16.11
23 21	13 23-2744	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple.....	68.16	19.21
23 21	13 23-2745	EA	1" Diameter, 8" Length, Chrome Plated Nipple.....	90.67	23.81
23 21	13 23-2746	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple.....	130.22	31.41
23 21	13 23-2747	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple.....	160.07	36.02
23 21	13 23-2748	EA	2" Diameter, 8" Length, Chrome Plated Nipple.....	197.27	43.72
<b>23 21</b>	<b>13 23-2749</b>		<b>10" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2750	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple.....	43.65	14.61
23 21	13 23-2751	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple.....	63.49	16.11
23 21	13 23-2752	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple.....	76.78	19.21
23 21	13 23-2753	EA	1" Diameter, 10" Length, Chrome Plated Nipple.....	103.72	23.81
23 21	13 23-2754	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple.....	158.14	31.41
23 21	13 23-2755	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple.....	181.34	36.02
23 21	13 23-2756	EA	2" Diameter, 10" Length, Chrome Plated Nipple.....	231.28	43.72
<b>23 21</b>	<b>13 23-2757</b>		<b>12" Nipples (23 21 13 23-2646)</b>		
23 21	13 23-2758	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple.....	48.71	16.11
23 21	13 23-2759	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple.....	66.46	16.92
23 21	13 23-2760	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple.....	84.86	19.91
23 21	13 23-2761	EA	1" Diameter, 12" Length, Chrome Plated Nipple.....	121.89	25.31
23 21	13 23-2762	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple.....	177.55	33.02



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2763 EA 2" Diameter, 12" Length, Chrome Plated Nipple.....	260.81	45.33
<b>23 21 13 23-2764 18" Nipples (23 21 13 23-2646)</b>		
23 21 13 23-2765 EA 3/8" Diameter, 18" Length, Chrome Plated Nipple.....	62.30	16.92
<b>23 21 13 23-2766 24" Nipples (23 21 13 23-2646)</b>		
23 21 13 23-2767 EA 3/8" Diameter, 24" Length, Chrome Plated Nipple.....	75.31	17.60
<b>23 21 13 23-2768 30" Nipples (23 21 13 23-2646)</b>		
23 21 13 23-2769 EA 3/8" Diameter, 30" Length, Chrome Plated Nipple.....	83.59	18.41
<b>23 21 13 23-2770 36" Nipples (23 21 13 23-2646)</b>		
23 21 13 23-2771 EA 3/8" Diameter, 36" Length, Chrome Plated Nipple.....	91.90	19.21
<b>23 21 13 23-2772 Chrome Plated Fittings (23 21 13 23-2645)</b>		
<b>23 21 13 23-2773 Chrome Plated 90 Degree Elbows (23 21 13 23-2772)</b>		
23 21 13 23-2774 EA 1/4" 90 Degree Elbow, Chrome Plated.....	26.05	10.70
23 21 13 23-2775 EA 3/8" 90 Degree Elbow, Chrome Plated.....	26.56	11.51
23 21 13 23-2776 EA 1/2" 90 Degree Elbow, Chrome Plated.....	29.90	12.31
23 21 13 23-2777 EA 3/4" 90 Degree Elbow, Chrome Plated.....	38.16	16.11
23 21 13 23-2778 EA 1" 90 Degree Elbow, Chrome Plated.....	51.83	20.71
23 21 13 23-2779 EA 1-1/4" 90 Degree Elbow, Chrome Plated.....	79.81	28.42
23 21 13 23-2780 EA 1-1/2" 90 Degree Elbow, Chrome Plated.....	95.89	33.02
23 21 13 23-2781 EA 2" 90 Degree Elbow, Chrome Plated.....	131.38	40.73
<b>23 21 13 23-2782 Chrome Plated Street 90 Degree Elbows (23 21 13 23-2772)</b>		
23 21 13 23-2783 EA 1/4" Street 90 Degree Elbow, Chrome Plated.....	30.22	10.70
23 21 13 23-2784 EA 3/8" Street 90 Degree Elbow, Chrome Plated.....	31.13	11.51
23 21 13 23-2785 EA 1/2" Street 90 Degree Elbow, Chrome Plated.....	33.08	12.31
23 21 13 23-2786 EA 3/4" Street 90 Degree Elbow, Chrome Plated.....	42.84	16.11
23 21 13 23-2787 EA 1" Street 90 Degree Elbow, Chrome Plated.....	60.48	20.71
23 21 13 23-2788 EA 1-1/4" Street 90 Degree Elbow, Chrome Plated.....	88.66	28.42
23 21 13 23-2789 EA 1-1/2" Street 90 Degree Elbow, Chrome Plated.....	108.31	33.02
23 21 13 23-2790 EA 2" Street 90 Degree Elbow, Chrome Plated.....	160.60	40.73
<b>23 21 13 23-2791 Chrome Plated 45 Degree Elbows (23 21 13 23-2772)</b>		
23 21 13 23-2792 EA 1/4" 45 Degree Elbow, Chrome Plated.....	26.97	10.70
23 21 13 23-2793 EA 3/8" 45 Degree Elbow, Chrome Plated.....	27.88	11.51
23 21 13 23-2794 EA 1/2" 45 Degree Elbow, Chrome Plated.....	30.85	12.31
23 21 13 23-2795 EA 3/4" 45 Degree Elbow, Chrome Plated.....	41.73	16.11
23 21 13 23-2796 EA 1" 45 Degree Elbow, Chrome Plated.....	55.84	20.71
23 21 13 23-2797 EA 1-1/4" 45 Degree Elbow, Chrome Plated.....	84.61	28.42
23 21 13 23-2798 EA 1-1/2" 45 Degree Elbow, Chrome Plated.....	102.32	33.02
23 21 13 23-2799 EA 2" 45 Degree Elbow, Chrome Plated.....	149.06	40.73
<b>23 21 13 23-2800 Chrome Plated Street 45 Degree Elbows (23 21 13 23-2772)</b>		
23 21 13 23-2801 EA 1/2" Street 45 Degree Elbow, Chrome Plated.....	36.57	12.31
<b>23 21 13 23-2802 Chrome Plated Couplings (23 21 13 23-2772)</b>		
23 21 13 23-2803 EA 1/4" Coupling, Chrome Plated.....	25.48	10.70
23 21 13 23-2804 EA 3/8" Coupling, Chrome Plated.....	26.63	11.51
23 21 13 23-2805 EA 1/2" Coupling, Chrome Plated.....	30.14	12.31
23 21 13 23-2806 EA 3/4" Coupling, Chrome Plated.....	38.24	16.11
23 21 13 23-2807 EA 1" Coupling, Chrome Plated.....	49.86	20.71
23 21 13 23-2808 EA 1-1/4" Coupling, Chrome Plated.....	72.60	28.42
23 21 13 23-2809 EA 1-1/2" Coupling, Chrome Plated.....	89.86	33.02
23 21 13 23-2810 EA 2" Coupling, Chrome Plated.....	124.02	40.73
<b>23 21 13 23-2811 Chrome Plated Unions (23 21 13 23-2772)</b>		
23 21 13 23-2812 EA 1/4" Union, Chrome Plated.....	41.04	12.31
23 21 13 23-2813 EA 3/8" Union, Chrome Plated.....	42.22	13.00
23 21 13 23-2814 EA 1/2" Union, Chrome Plated.....	51.07	14.61
23 21 13 23-2815 EA 3/4" Union, Chrome Plated.....	63.29	19.21
23 21 13 23-2816 EA 1" Union, Chrome Plated.....	80.03	24.51
23 21 13 23-2817 EA 1-1/4" Union, Chrome Plated.....	129.96	33.02
23 21 13 23-2818 EA 1-1/2" Union, Chrome Plated.....	161.87	39.12
23 21 13 23-2819 EA 2" Union, Chrome Plated.....	211.32	47.64



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 13 23-2820</b> <b>Chrome Plated Caps</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2821 EA 1/4" Cap, Chrome Plated .....	17.20	5.41
23 21 13 23-2822 EA 3/8" Cap, Chrome Plated .....	17.77	5.75
23 21 13 23-2823 EA 1/2" Cap, Chrome Plated .....	20.29	6.10
23 21 13 23-2824 EA 3/4" Cap, Chrome Plated .....	25.31	8.06
23 21 13 23-2825 EA 1" Cap, Chrome Plated .....	30.06	10.35
23 21 13 23-2826 EA 1-1/4" Cap, Chrome Plated .....	44.40	14.15
23 21 13 23-2827 EA 1-1/2" Cap, Chrome Plated .....	58.56	16.45
23 21 13 23-2828 EA 2" Cap, Chrome Plated .....	85.68	21.52
<b>23 21 13 23-2829</b> <b>Chrome Plated Plugs</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2830 EA 1/4" Plug, Chrome Plated .....	14.02	5.41
23 21 13 23-2831 EA 3/8" Plug, Chrome Plated .....	14.59	5.75
23 21 13 23-2832 EA 1/2" Plug, Chrome Plated .....	16.95	6.10
23 21 13 23-2833 EA 3/4" Plug, Chrome Plated .....	22.93	8.06
23 21 13 23-2834 EA 1" Plug, Chrome Plated .....	28.25	10.35
23 21 13 23-2835 EA 1-1/4" Plug, Chrome Plated .....	38.13	14.15
23 21 13 23-2836 EA 1-1/2" Plug, Chrome Plated .....	47.09	16.45
23 21 13 23-2837 EA 2" Plug, Chrome Plated .....	65.74	21.52
<b>23 21 13 23-2838</b> <b>Chrome Plated Tees</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2839 EA 1/4" Chrome Plated Tee .....	36.15	16.11
23 21 13 23-2840 EA 3/8" Chrome Plated Tee .....	38.45	17.60
23 21 13 23-2841 EA 1/2" Chrome Plated Tee .....	42.87	19.21
23 21 13 23-2842 EA 3/4" Chrome Plated Tee .....	53.41	23.81
23 21 13 23-2843 EA 1" Chrome Plated Tee .....	76.03	30.72
23 21 13 23-2844 EA 1-1/4" Chrome Plated Tee .....	104.81	42.23
23 21 13 23-2845 EA 1-1/2" Chrome Plated Tee .....	134.34	49.13
23 21 13 23-2846 EA 2" Chrome Plated Tee .....	184.50	60.64
<b>23 21 13 23-2847</b> <b>Chrome Plated Reducing 90 Degree Elbows</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2848 EA 1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated .....	40.75	19.21
23 21 13 23-2849 EA 3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated .....	47.66	23.81
<b>23 21 13 23-2850</b> <b>Chrome Plated Bell Reducers</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2851 EA 1/2" x 3/8" Bell Reducer, Chrome Plated .....	44.60	19.21
23 21 13 23-2852 EA 3/4" x 1/2" Bell Reducer, Chrome Plated .....	54.28	23.81
23 21 13 23-2853 EA 1" x 1/2" Bell Reducer, Chrome Plated .....	68.95	30.72
<b>23 21 13 23-2854</b> <b>Chrome Plated Reducing Tees</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2855 EA 3/4" x 1/2" Reducing Tee, Chrome Plated .....	59.15	23.81
<b>23 21 13 23-2856</b> <b>Chrome Plated Bushings</b> <small>(23 21 13 23-2772)</small>		
23 21 13 23-2857 EA 3/8" x 1/4" Bushing, Chrome Plated .....	13.92	5.41
23 21 13 23-2858 EA 1/2" x 1/4" Bushing, Chrome Plated .....	14.99	5.75
23 21 13 23-2859 EA 1/2" x 3/8" Bushing, Chrome Plated .....	15.56	6.10
23 21 13 23-2860 EA 3/4" x 1/2" Bushing, Chrome Plated .....	19.77	8.06
23 21 13 23-2861 EA 1" x 3/4" Bushing, Chrome Plated .....	28.86	10.35
23 21 13 23-2862 EA 1-1/4" x 1" Bushing, Chrome Plated .....	42.25	14.15
<b>23 21 16</b> <b>Hydronic Piping Specialties</b> <small>(23 21)</small>		
<b>23 21 16 00-0001</b> <b>Air Vents</b> <small>(23 21 16)</small>		
<b>23 21 16 00-0002</b> <b>Screwed Ends, Cast Iron, Automatic Air Vents</b> <small>(23 21 16 00-0001)</small>		
Note: With guided free floating lever.		
23 21 16 00-0003 EA 1/2" NPT, Cast Iron, Automatic Air Vent .....	384.36	33.42
23 21 16 00-0004 EA 3/4" NPT, Cast Iron, Automatic Air Vent .....	469.02	44.37
23 21 16 00-0005 EA 1" NPT, Cast Iron, Automatic Air Vent .....	1,099.01	46.10
23 21 16 00-0006 EA 1-1/4" NPT, Cast Iron, Automatic Air Vent .....	1,628.16	71.22
23 21 16 00-0007 EA 1-1/2" NPT, Cast Iron, Automatic Air Vent .....	2,737.52	76.64
23 21 16 00-0008 EA 2" NPT, Cast Iron, Automatic Air Vent .....	3,136.27	101.07
<b>23 21 16 00-0009</b> <b>Forged Steel, Stainless Steel Internals, Automatic Air Vents</b> <small>(23 21 16 00-0001)</small>		
Note: With guided free floating lever.		
23 21 16 00-0010 EA 1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	2,769.79	38.61
23 21 16 00-0011 EA 3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	3,474.46	44.37
23 21 16 00-0012 EA 1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	4,151.23	46.10
23 21 16 00-0013 EA 1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	6,814.82	71.45
23 21 16 00-0014 EA 1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	7,875.27	76.64
23 21 16 00-0015 EA 2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent .....	11,587.07	100.83

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 21 16 00-0016	Manual Air Vent <small>(23 21 16 00-0001)</small>		
23 21 16 00-0017	EA Manual Air Vent .....	79.47	41.60
23 21 16 00-0018	Vent Valves <small>(23 21 16)</small>		
23 21 16 00-0019	EA 1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A) .....	82.39	17.29
23 21 16 00-0020	EA 1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74) .....	202.44	18.59
23 21 16 00-0021	EA 1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75) .....	192.85	18.59
23 21 16 00-0022	EA 1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H) .....	199.56	18.59
23 21 16 00-0023	EA 3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78) .....	258.28	18.59
23 21 16 00-0024	EA 1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79) .....	190.22	18.59
23 21 16 00-0025	Threaded Inlet, Drip-Pan Elbow <small>(23 21 16)</small>		
23 21 16 00-0026	Cast Iron, Threaded Inlet, Drip-Pan Elbow <small>(23 21 16 00-0025)</small>		
23 21 16 00-0027	EA 2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	285.81	28.96
	<i>For Flanged Inlet, Add</i> .....	116.35	
23 21 16 00-0028	EA 3" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	322.07	34.32
	<i>For Flanged Inlet, Add</i> .....	124.90	
23 21 16 00-0029	EA 3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	407.88	39.68
	<i>For Flanged Inlet, Add</i> .....	168.50	
23 21 16 00-0030	EA 4" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	617.78	45.05
	<i>For Flanged Inlet, Add</i> .....	296.47	
23 21 16 00-0031	EA 5" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	696.46	53.63
	<i>For Flanged Inlet, Add</i> .....	327.73	
23 21 16 00-0032	EA 6" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	972.46	67.57
	<i>For Flanged Inlet, Add</i> .....	478.94	
23 21 16 00-0033	EA 8" Cast Iron, Threaded Inlet, Drip-Pan Elbow .....	2,231.70	89.02
	<i>For Flanged Inlet, Add</i> .....	1,274.46	
23 21 16 00-0034	Cast Steel, Threaded Inlet, Drip-Pan Elbow <small>(23 21 16 00-0025)</small>		
23 21 16 00-0035	EA 2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	1,190.95	28.96
	<i>For Flanged Inlet, Add</i> .....	731.84	
23 21 16 00-0036	EA 3" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	1,442.51	34.32
	<i>For Flanged Inlet, Add</i> .....	886.80	
23 21 16 00-0037	EA 3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	2,103.65	39.68
	<i>For Flanged Inlet, Add</i> .....	1,321.63	
23 21 16 00-0038	EA 4" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	2,125.36	45.05
	<i>For Flanged Inlet, Add</i> .....	1,321.63	
23 21 16 00-0039	EA 5" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	3,114.33	53.63
	<i>For Flanged Inlet, Add</i> .....	1,971.88	
23 21 16 00-0040	EA 6" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	3,167.96	67.57
	<i>For Flanged Inlet, Add</i> .....	1,971.88	
23 21 16 00-0041	EA 8" Cast Steel, Threaded Inlet, Drip-Pan Elbow .....	5,337.22	89.02
	<i>For Flanged Inlet, Add</i> .....	3,386.21	
23 21 16 00-0042	Y-Type Strainers <small>(23 21 16)</small>		
23 21 16 00-0043	Screwed Ends, 250 Lb., Iron Body, Y-Type Strainers <small>(23 21 16 00-0042)</small>		
23 21 16 00-0044	EA 1/4" Or 3/8" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	80.41	12.90
	<i>For Galvanized Body, Add</i> .....	21.77	
	<i>For Work In Restricted Working Space, Add</i> .....	11.06	
23 21 16 00-0045	EA 1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	80.98	13.14
	<i>For Galvanized Body, Add</i> .....	21.77	
	<i>For Work In Restricted Working Space, Add</i> .....	11.24	
23 21 16 00-0046	EA 3/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	102.67	17.75
	<i>For Galvanized Body, Add</i> .....	25.98	
	<i>For Work In Restricted Working Space, Add</i> .....	15.21	
23 21 16 00-0047	EA 1" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	130.71	21.20
	<i>For Galvanized Body, Add</i> .....	35.11	
	<i>For Work In Restricted Working Space, Add</i> .....	18.15	
23 21 16 00-0048	EA 1-1/4" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	171.10	26.22
	<i>For Galvanized Body, Add</i> .....	48.10	
	<i>For Work In Restricted Working Space, Add</i> .....	22.47	
23 21 16 00-0049	EA 1-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	196.52	28.24
	<i>For Galvanized Body, Add</i> .....	57.93	
	<i>For Work In Restricted Working Space, Add</i> .....	24.20	
23 21 16 00-0050	EA 2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	270.53	32.26
	<i>For Galvanized Body, Add</i> .....	89.17	
	<i>For Work In Restricted Working Space, Add</i> .....	27.66	
23 21 16 00-0051	EA 2-1/2" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	516.16	40.33
	<i>For Galvanized Body, Add</i> .....	200.46	
	<i>For Work In Restricted Working Space, Add</i> .....	34.57	
23 21 16 00-0052	EA 3" Screwed Ends, 250 Lb., Iron Body, Y-Type Strainer .....	667.86	50.48
	<i>For Galvanized Body, Add</i> .....	261.90	
	<i>For Work In Restricted Working Space, Add</i> .....	43.22	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 21 16 00-0053 Flanged, 125 Lb., Iron Body , Y-Type Strainers</b> <small>(23 21 16 00-0042)</small>		
23 21 16 00-0054 EA 1-1/2" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	412.35	121.01
For Galvanized Body, Add	130.36	
For Work In Restricted Working Space, Add	45.49	
23 21 16 00-0055 EA 2" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	474.22	153.62
For Galvanized Body, Add	141.07	
For Work In Restricted Working Space, Add	57.62	
23 21 16 00-0056 EA 3" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	917.80	195.92
For Galvanized Body, Add	336.31	
For Work In Restricted Working Space, Add	73.56	
23 21 16 00-0057 EA 4" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	1,174.87	328.44
For Galvanized Body, Add	381.64	
For Work In Restricted Working Space, Add	123.48	
23 21 16 00-0058 EA 5" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	1,266.84	330.84
For Galvanized Body, Add	426.97	
For Work In Restricted Working Space, Add	123.87	
23 21 16 00-0059 EA 6" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	1,521.68	367.60
For Galvanized Body, Add	530.27	
For Work In Restricted Working Space, Add	138.34	
23 21 16 00-0060 EA 8" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	2,672.21	469.71
For Galvanized Body, Add	1,044.37	
For Work In Restricted Working Space, Add	175.04	
23 21 16 00-0061 EA 10" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	5,370.17	571.81
For Galvanized Body, Add	2,327.71	
For Work In Restricted Working Space, Add	214.43	
23 21 16 00-0062 EA 12" Flanged, 125 Lb., Iron Body, Y-Type Strainer .....	5,861.68	510.55
For Galvanized Body, Add	2,420.30	
For Work In Restricted Working Space, Add	306.33	
<b>23 21 16 00-0063 Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainers</b> <small>(23 21 16 00-0042)</small>		
Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0064 EA 1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	71.55	13.14
For 300 Lb. Rating, Add	57.97	
For Work In Restricted Working Space, Add	11.24	
23 21 16 00-0065 EA 3/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	95.04	17.75
For 300 Lb. Rating, Add	75.36	
For Work In Restricted Working Space, Add	15.21	
23 21 16 00-0066 EA 1" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	116.34	21.20
For 300 Lb. Rating, Add	94.93	
For Work In Restricted Working Space, Add	18.15	
23 21 16 00-0067 EA 1-1/4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	158.80	26.22
For 300 Lb. Rating, Add	142.61	
For Work In Restricted Working Space, Add	22.47	
23 21 16 00-0068 EA 1-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	189.63	28.24
For 300 Lb. Rating, Add	185.23	
For Work In Restricted Working Space, Add	24.20	
23 21 16 00-0069 EA 2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	254.43	32.26
For 300 Lb. Rating, Add	275.81	
For Work In Restricted Working Space, Add	27.66	
23 21 16 00-0070 EA 2-1/2" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	358.65	40.33
For 300 Lb. Rating, Add	413.80	
For Work In Restricted Working Space, Add	34.57	
23 21 16 00-0071 EA 3" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	648.73	50.48
For 300 Lb. Rating, Add	857.94	
For Work In Restricted Working Space, Add	43.22	
23 21 16 00-0072 EA 4" Screwed Ends, 150 Lb., Bronze Body, Y-Type Strainer .....	1,130.66	60.50
For 300 Lb. Rating, Add	1,628.24	
For Work In Restricted Working Space, Add	51.86	
<b>23 21 16 00-0073 Flanged, 150 Lb., Bronze Body, Y-Type Strainers</b> <small>(23 21 16 00-0042)</small>		
Note: With bolted cap.		
23 21 16 00-0074 EA 2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	615.72	153.62
For 300 Lb. Rating, Add	254.18	
For Work In Restricted Working Space, Add	57.62	
23 21 16 00-0075 EA 2-1/2" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	641.15	167.11
For 300 Lb. Rating, Add	258.97	
For Work In Restricted Working Space, Add	62.86	
23 21 16 00-0076 EA 3" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	739.44	195.92
For 300 Lb. Rating, Add	296.55	
For Work In Restricted Working Space, Add	73.56	
23 21 16 00-0077 EA 4" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	1,612.53	328.44
For 300 Lb. Rating, Add	720.56	
For Work In Restricted Working Space, Add	123.48	
23 21 16 00-0078 EA 6" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	2,281.56	367.60
For 300 Lb. Rating, Add	1,092.25	
For Work In Restricted Working Space, Add	138.34	
23 21 16 00-0079 EA 8" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	3,690.17	469.71
For 300 Lb. Rating, Add	1,864.01	
For Work In Restricted Working Space, Add	175.04	
23 21 16 00-0080 EA 10" Flanged, 150 Lb., Bronze Body, Y-Type Strainer .....	11,865.09	571.81
For 300 Lb. Rating, Add	6,690.20	
For Work In Restricted Working Space, Add	214.43	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0081			<b>Cast Iron Body, Suction Diffusers</b> (23 21 16)		
			Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0082	EA		2" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser.....	538.00	45.41
			<i>For Work In Restricted Working Space, Add</i>	22.23	
23 21 16 00-0083	EA		2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser.....	564.77	50.37
			<i>For Work In Restricted Working Space, Add</i>	24.70	
23 21 16 00-0084	EA		2-1/2" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser.....	573.56	52.89
			<i>For Work In Restricted Working Space, Add</i>	25.94	
23 21 16 00-0085	EA		2-1/2" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,081.65	167.11
			<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0086	EA		3" x 1-1/2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser.....	592.15	61.54
			<i>For Work In Restricted Working Space, Add</i>	30.13	
23 21 16 00-0087	EA		3" x 2" Screwed Ends, 175 Lb., Cast Iron Body, Suction Diffuser.....	671.01	61.54
			<i>For Work In Restricted Working Space, Add</i>	30.13	
23 21 16 00-0088	EA		3" x 2-1/2" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,131.96	181.89
			<i>For Work In Restricted Working Space, Add</i>	68.21	
23 21 16 00-0089	EA		3" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,154.43	195.92
			<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0090	EA		4" x 3" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,399.99	262.71
			<i>For Work In Restricted Working Space, Add</i>	98.52	
23 21 16 00-0091	EA		4" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,645.55	328.44
			<i>For Work In Restricted Working Space, Add</i>	123.48	
23 21 16 00-0092	EA		6" x 4" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	1,888.10	330.32
			<i>For Work In Restricted Working Space, Add</i>	123.87	
23 21 16 00-0093	EA		6" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	2,284.25	367.60
			<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0094	EA		8" x 6" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	2,578.23	469.71
			<i>For Work In Restricted Working Space, Add</i>	175.04	
23 21 16 00-0095	EA		8" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	4,011.67	469.71
			<i>For Work In Restricted Working Space, Add</i>	175.04	
23 21 16 00-0096	EA		10" x 8" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	4,579.01	571.81
			<i>For Work In Restricted Working Space, Add</i>	214.43	
23 21 16 00-0097	EA		10" x 10" Flanged, 175 Lb., Cast Iron Body, Suction Diffuser.....	5,363.00	571.81
			<i>For Work In Restricted Working Space, Add</i>	214.43	
23 21 16 00-0098			<b>Duplex Strainers</b> (23 21 16)		
23 21 16 00-0099			<b>Iron Body, Duplex Strainers</b> (23 21 16 00-0098)		
23 21 16 00-0100			<b>Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers</b> (23 21 16 00-0099)		
			Note: With brass or stainless steel basket.		
23 21 16 00-0101	EA		3/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	927.04	28.70
			<i>For Work In Restricted Working Space, Add</i>	17.23	
23 21 16 00-0102	EA		1" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	1,034.99	32.85
			<i>For Work In Restricted Working Space, Add</i>	19.72	
23 21 16 00-0103	EA		1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	1,404.23	38.61
			<i>For Work In Restricted Working Space, Add</i>	23.15	
23 21 16 00-0104	EA		1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	1,769.00	42.07
			<i>For Work In Restricted Working Space, Add</i>	25.24	
23 21 16 00-0105	EA		2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	2,372.04	51.28
			<i>For Work In Restricted Working Space, Add</i>	30.87	
23 21 16 00-0106	EA		2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	2,984.75	65.69
			<i>For Work In Restricted Working Space, Add</i>	39.40	
23 21 16 00-0107			<b>Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainers</b> (23 21 16 00-0099)		
			Note: With brass or stainless steel basket.		
23 21 16 00-0108	EA		2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	3,226.66	153.62
			<i>For Work In Restricted Working Space, Add</i>	57.62	
23 21 16 00-0109	EA		2-1/2" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	3,334.70	167.11
			<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0110	EA		3" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	4,276.20	195.92
			<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0111	EA		4" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	6,705.60	291.01
			<i>For Work In Restricted Working Space, Add</i>	109.40	
23 21 16 00-0112	EA		6" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	13,142.97	367.60
			<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0113	EA		8" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	25,041.30	469.71
			<i>For Work In Restricted Working Space, Add</i>	175.04	
23 21 16 00-0114	EA		10" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	34,593.36	571.81
			<i>For Work In Restricted Working Space, Add</i>	214.43	
23 21 16 00-0115	EA		12" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	39,125.37	720.89
			<i>For Work In Restricted Working Space, Add</i>	432.67	
23 21 16 00-0116	EA		14" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	46,675.68	816.88
			<i>For Work In Restricted Working Space, Add</i>	306.33	
23 21 16 00-0117	EA		16" Flanged, 125 Lb., Bronze Diverter, Iron Body, Duplex Strainer.....	58,372.60	898.56
			<i>For Work In Restricted Working Space, Add</i>	336.96	
23 21 16 00-0118			<b>Bronze Body, Duplex Strainers</b> (23 21 16 00-0098)		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0119 <b>Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainers</b> <small>(23 21 16 00-0119)</small>		
<small>16 00-0119</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0120    EA    3/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer.....	1,733.24	28.81
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0121    EA    1" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer.....	1,922.72	32.85
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0122    EA    1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer .....	2,817.35	38.61
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0123    EA    1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer .....	3,707.51	42.07
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0124    EA    2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer.....	4,790.65	51.28
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0125    EA    2-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Bronze Body Duplex Strainer .....	5,883.46	65.69
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0126 <b>Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainers</b> <small>(23 21 16 00-0126)</small>		
<small>23 21 16 00-0126</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0127    EA    2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer.....	6,714.16	153.62
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0128    EA    2-1/2" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer.....	6,912.78	167.11
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0129    EA    3" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer.....	9,484.81	195.92
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0130    EA    4" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer.....	14,948.78	291.01
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0131    EA    6" Flanged, 125 Lb., Bronze Diverter, Bronze Body, Duplex Strainer.....	32,528.05	367.60
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0132 <b>Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0098)</small>		
23 21 16 00-0133 <b>Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0132)</small>		
<small>23 21 16 00-0132</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0134    EA    1" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer .....	2,703.36	32.85
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0135    EA    1-1/4" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer .....	3,330.21	38.61
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0136    EA    1-1/2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer .....	3,952.63	42.07
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0137    EA    2" Screwed Ends, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer .....	6,696.92	51.28
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0138 <b>Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0132)</small>		
<small>23 21 16 00-0138</small>		
<small>Note: With brass or stainless steel basket.</small>		
23 21 16 00-0139    EA    2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer.....	6,830.06	153.62
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0140    EA    2-1/2" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer .....	7,506.91	167.11
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0141    EA    3" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer.....	9,872.46	195.92
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0142    EA    4" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer.....	14,475.88	291.01
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0143    EA    6" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer.....	24,727.13	367.60
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0144    EA    8" Flanged, 125 Lb., Bronze Diverter, Cast Steel Body, Duplex Strainer.....	48,236.26	469.71
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0145 <b>Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0098)</small>		
23 21 16 00-0146 <b>Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0145)</small>		
<small>23 21 16 00-0145</small>		
<small>Note: With stainless steel basket.</small>		
23 21 16 00-0147    EA    1" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	6,489.64	32.85
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0148    EA    1-1/4" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	8,202.19	38.61
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0149    EA    1-1/2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer.....	9,898.41	42.07
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0150    EA    2" Screwed Ends, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	15,865.22	51.28
<small>For Work In Restricted Working Space, Add</small>		
23 21 16 00-0151 <b>Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers</b> <small>(23 21 16 00-0145)</small>		
<small>23 21 16 00-0151</small>		
<small>Note: With stainless steel basket.</small>		
23 21 16 00-0152    EA    2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	16,608.68	153.62
<small>For Work In Restricted Working Space, Add</small>		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0153	EA	2-1/2" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	17,458.86	167.11
		<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0154	EA	3" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	27,368.27	195.92
		<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0155	EA	4" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	33,435.80	291.01
		<i>For Work In Restricted Working Space, Add</i>	109.40	
23 21 16 00-0156	EA	6" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	58,751.97	367.60
		<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0157	EA	8" Flanged, 125 Lb., Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer .....	108,599.95	469.71
		<i>For Work In Restricted Working Space, Add</i>	175.04	
23 21 16 00-0158		<b>Pressure Regulating Valve</b> <sup>(23 21 16)</sup>		
23 21 16 00-0159		<b>Screwed Ends, Iron Body, Water Pressure Reducing Valves</b> <sup>(23 21 16 00-0158)</sup>		
		Note: For building services, 25 - 75 PSI, up to 300 Lb rating		
23 21 16 00-0160	EA	1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	227.45	14.38
		<i>For Work In Restricted Working Space, Add</i>	17.26	
23 21 16 00-0161	EA	3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	280.49	16.11
		<i>For Work In Restricted Working Space, Add</i>	19.18	
23 21 16 00-0162	EA	1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	369.63	17.26
		<i>For Work In Restricted Working Space, Add</i>	20.31	
23 21 16 00-0163	EA	1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	634.83	19.33
		<i>For Work In Restricted Working Space, Add</i>	23.01	
23 21 16 00-0164	EA	1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	861.95	23.01
		<i>For Work In Restricted Working Space, Add</i>	27.61	
23 21 16 00-0165	EA	2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	1,234.97	35.28
		<i>For Work In Restricted Working Space, Add</i>	42.38	
23 21 16 00-0166	EA	2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	1,343.26	39.73
		<i>For Work In Restricted Working Space, Add</i>	47.68	
23 21 16 00-0167	EA	3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve .....	1,475.92	114.96
		<i>For Work In Restricted Working Space, Add</i>	52.98	
23 21 16 00-0168		<b>Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0158)</sup>		
		Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0169		<b>Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0168)</sup>		
23 21 16 00-0170	EA	1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	383.36	19.36
		<i>For Work In Restricted Working Space, Add</i>	23.20	
23 21 16 00-0171	EA	3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	479.96	27.43
		<i>For Work In Restricted Working Space, Add</i>	32.93	
23 21 16 00-0172	EA	1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	616.99	33.42
		<i>For Work In Restricted Working Space, Add</i>	40.20	
23 21 16 00-0173	EA	1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	825.73	40.57
		<i>For Work In Restricted Working Space, Add</i>	46.72	
23 21 16 00-0174	EA	1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	1,108.73	46.10
		<i>For Work In Restricted Working Space, Add</i>	53.19	
23 21 16 00-0175	EA	2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	1,296.03	64.35
		<i>For Work In Restricted Working Space, Add</i>	64.35	
23 21 16 00-0176		<b>Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer</b> <sup>(23 21 16 00-0168)</sup>		
		Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0177	EA	2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	2,990.75	155.52
		<i>For Work In Restricted Working Space, Add</i>	58.50	
23 21 16 00-0178	EA	3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	3,718.93	182.33
		<i>For Work In Restricted Working Space, Add</i>	68.46	
23 21 16 00-0179	EA	4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	4,782.63	305.67
		<i>For Work In Restricted Working Space, Add</i>	114.91	
23 21 16 00-0180	EA	6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer .....	11,937.17	381.63
		<i>For Work In Restricted Working Space, Add</i>	143.62	
23 21 16 00-0181		<b>Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <sup>(23 21 16 00-0158)</sup>		
23 21 16 00-0182		<b>Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <sup>(23 21 16 00-0181)</sup>		
23 21 16 00-0183	EA	1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	2,168.29	14.06
		<i>For Work In Restricted Working Space, Add</i>	21.09	
23 21 16 00-0184	EA	3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	2,213.79	14.06
		<i>For Work In Restricted Working Space, Add</i>	21.09	
23 21 16 00-0185	EA	1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	2,358.62	17.75
		<i>For Work In Restricted Working Space, Add</i>	26.62	
23 21 16 00-0186	EA	1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	2,772.08	22.58
		<i>For Work In Restricted Working Space, Add</i>	33.88	
23 21 16 00-0187	EA	1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	3,173.59	26.05
		<i>For Work In Restricted Working Space, Add</i>	39.07	
23 21 16 00-0188	EA	2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve .....	3,934.74	30.65
		<i>For Work In Restricted Working Space, Add</i>	45.99	



		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0189		<b>Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves</b> <small>(23 21 16 00-0181)</small>		
23 21 16 00-0190	EA	2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve ..... <i>For Work In Restricted Working Space, Add</i>	4,861.15 58.50	155.52
23 21 16 00-0191	EA	3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve ..... <i>For Work In Restricted Working Space, Add</i>	5,996.41 68.46	182.33
23 21 16 00-0192	EA	4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve ..... <i>For Work In Restricted Working Space, Add</i>	9,083.40 114.91	305.67
23 21 16 00-0193	EA	6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve ..... <i>For Work In Restricted Working Space, Add</i>	19,997.67 143.62	381.63
23 21 16 00-0194		<b>Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves</b> <small>(23 21 16 00-0158)</small>		
23 21 16 00-0195	EA	1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	255.39	14.95
23 21 16 00-0196	EA	3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	316.10	16.56
23 21 16 00-0197	EA	1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	419.28	17.60
23 21 16 00-0198	EA	1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	726.60	20.02
23 21 16 00-0199	EA	1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	988.51	23.93
23 21 16 00-0200	EA	2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	1,414.80	36.66
23 21 16 00-0201	EA	2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	1,532.70	39.94
23 21 16 00-0202	EA	3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve .....	1,689.57	45.98
23 21 16 00-0203		<b>Screwed Ends, Bronze Body, Water Pressure Reducing Valves</b> <small>(23 21 16 00-0158)</small> Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0204	EA	1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	208.43	14.38
23 21 16 00-0205	EA	3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	228.98	16.11
23 21 16 00-0206	EA	1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	285.86	17.83
23 21 16 00-0207	EA	1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	686.89	19.33
23 21 16 00-0208	EA	1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	743.48	23.01
23 21 16 00-0209	EA	2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve .....	1,168.69	35.28
23 21 16 00-0210		<b>Dual Unit Reducing And Relief Valve</b> <small>(23 21 16)</small>		
23 21 16 00-0211	EA	1/2" Dual Unit Reducing And Relief Valve .....	234.80	35.15
23 21 16 00-0212		<b>Safety Relief Valve</b> <small>(23 21 16)</small> Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0213		<b>Threaded Inlet, Bronze Body Safety Valves</b> <small>(23 21 16 00-0212)</small> Note: Variable set points to 150 PSIG pressure, 210 Degree F temperature range.		
23 21 16 00-0214	EA	1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve .....	83.65	14.38
23 21 16 00-0215	EA	3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve .....	118.29	15.82
23 21 16 00-0216	EA	1" x 1" Threaded Inlet, Bronze Body Safety Valve .....	172.95	19.27
23 21 16 00-0217	EA	1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve .....	226.26	20.42
23 21 16 00-0218	EA	1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve .....	312.01	27.33
23 21 16 00-0219	EA	2" x 2" Threaded Inlet, Bronze Body Safety Valve .....	421.15	32.21
23 21 16 00-0220	EA	2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve .....	475.36	40.27
23 21 16 00-0221		<b>Threaded, Bronze Body, Temperature And Pressure Relief Valves</b> <small>(23 21 16)</small>		
23 21 16 00-0222	EA	1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	96.29 60.44	29.34
23 21 16 00-0223	EA	3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	124.88 84.19	35.21
23 21 16 00-0224	EA	1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	183.98 134.09	46.94
23 21 16 00-0225	EA	1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	310.17 284.98	50.28
23 21 16 00-0226	EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	528.12 545.14	56.38
23 21 16 00-0227	EA	2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve ..... <i>For Cast Iron Body, Add</i>	607.33 593.60	81.06
23 21 16 00-0228		<b>Thermostatic Radiator Valves</b> <small>(23 21 16)</small> Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0229	EA	1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015) .....	93.63	18.59
23 21 16 00-0230	EA	3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020) .....	113.46	25.05
23 21 16 00-0231	EA	1" Straight Thermostatic Radiator Valve (Danfoss 013G8025) .....	151.66	30.33
23 21 16 00-0232	EA	1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032) .....	236.96	38.42
23 21 16 00-0233	EA	1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014) .....	93.63	18.59
23 21 16 00-0234	EA	3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019) .....	113.46	25.05
23 21 16 00-0235	EA	1" Angle Thermostatic Radiator Valve (Danfoss 013G8024) .....	151.66	30.33
23 21 16 00-0236	EA	1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031) .....	236.96	38.42
23 21 16 00-0237	EA	Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240) .....	96.55	14.40
23 21 16 00-0238	EA	Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922) .....	163.21	20.17

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>23 21 16 00-0239 Radiator Trap Repair Kits</b> <sup>(23 21 16)</sup>			
Note: For hot water or two pipe low pressure steam.			
23 21 16 00-0240	EA	1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031) .....	153.55
23 21 16 00-0241	EA	3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032) .....	191.96
23 21 16 00-0242	EA	1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026) .....	195.12
23 21 16 00-0243	EA	3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027) .....	221.67
23 21 16 00-0244	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028) .....	527.38
<b>23 21 16 00-0245 Horizontal Steel Expansion Tanks</b> <sup>(23 21 16)</sup>			
Note: ASME Code Stamp, 150 PSI with glass gauge and cocks.			
23 21 16 00-0246	EA	10 Gallon Horizontal Steel Expansion Tank .....	852.79
23 21 16 00-0247	EA	15 Gallon Horizontal Steel Expansion Tank .....	1,221.56
23 21 16 00-0248	EA	30 Gallon Horizontal Steel Expansion Tank .....	1,613.73
23 21 16 00-0249	EA	40 Gallon Horizontal Steel Expansion Tank .....	1,855.39
23 21 16 00-0250	EA	60 Gallon Horizontal Steel Expansion Tank .....	2,156.69
<b>23 21 16 00-0251 Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)</b>			
<sup>(23 21 16)</sup>			
Note: ASME, Precharged with working pressure 125 psi			
23 21 16 00-0252	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	1,812.23
23 21 16 00-0253	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	1,870.09
23 21 16 00-0254	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	2,678.63
23 21 16 00-0255	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	2,859.99
23 21 16 00-0256	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	3,637.04
23 21 16 00-0257	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	3,825.67
23 21 16 00-0258	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	4,665.69
23 21 16 00-0259	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	5,043.20
23 21 16 00-0260	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	5,578.11
23 21 16 00-0261	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	5,715.63
23 21 16 00-0262	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	7,032.43
23 21 16 00-0263	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	8,160.36
23 21 16 00-0264	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank .....	9,399.17
<b>23 21 16 00-0265 Diaphragm Type (Residential Style) Steel Expansion Tanks</b> <sup>(23 21 16)</sup>			
23 21 16 00-0266	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1) .....	105.05
23 21 16 00-0267	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1) .....	151.28
<b>23 21 16 00-0268 Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks</b> <sup>(23 21 16)</sup>			
23 21 16 00-0269	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	1,211.83
23 21 16 00-0270	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	1,264.74
23 21 16 00-0271	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	1,317.65
23 21 16 00-0272	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	1,455.19
23 21 16 00-0273	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	1,732.88
23 21 16 00-0274	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	2,049.57
23 21 16 00-0275	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	2,112.41
23 21 16 00-0276	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	2,175.26
23 21 16 00-0277	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	2,769.17
23 21 16 00-0278	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	8,097.34
23 21 16 00-0279	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank .....	10,304.04
<b>23 21 16 00-0280 ASME Construction Compression Tanks</b> <sup>(23 21 16)</sup>			
Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height. See CSI section 22.12.00 00-0000 for other tanks.			
23 21 16 00-0281	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank .....	1,180.71
		<i>For Galvanized Steel Tanks, Add</i> .....	436.70
23 21 16 00-0282	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank .....	1,203.17
		<i>For Galvanized Steel Tanks, Add</i> .....	443.13
23 21 16 00-0283	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank .....	1,316.30
		<i>For Galvanized Steel Tanks, Add</i> .....	494.51
23 21 16 00-0284	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank .....	1,444.54
		<i>For Galvanized Steel Tanks, Add</i> .....	552.29
23 21 16 00-0285	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank .....	1,693.03
		<i>For Galvanized Steel Tanks, Add</i> .....	667.89
23 21 16 00-0286	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank .....	1,758.91
		<i>For Galvanized Steel Tanks, Add</i> .....	693.58
23 21 16 00-0287	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank .....	2,189.69
		<i>For Galvanized Steel Tanks, Add</i> .....	892.67
23 21 16 00-0288	EA	120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank .....	2,387.16
		<i>For Galvanized Steel Tanks, Add</i> .....	976.14
23 21 16 00-0289	EA	144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank .....	2,981.01
		<i>For Galvanized Steel Tanks, Add</i> .....	1,245.31
23 21 16 00-0290	EA	180 Gallon, 30" x 60" ASME Construction Compression Tank .....	3,798.85
		<i>For Galvanized Steel Tanks, Add</i> .....	1,618.35
23 21 16 00-0291	EA	202 Gallon, 30" x 72" ASME Construction Compression Tank .....	4,561.23
		<i>For Galvanized Steel Tanks, Add</i> .....	1,969.15



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0292 EA 230 Gallon, 30" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	4,988.67 2,155.39	447.14
23 21 16 00-0293 EA 280 Gallon, 30" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	6,325.83 2,791.16	490.94
23 21 16 00-0294 EA 306 Gallon, 30" x 108" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	6,520.64 2,862.93	524.36
23 21 16 00-0295 EA 340 Gallon, 36" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	8,438.79 3,792.57	563.54
23 21 16 00-0296 EA 550 Gallon, 36" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	14,143.79 6,570.84	661.49
<b>23 21 16 00-0297    Compression Tank Air Fittings <small>(23 21 16)</small></b>		
23 21 16 00-0298 EA 9" To 24" Diameter Compression Tank Air Fittings.....	411.10	32.26
23 21 16 00-0299 EA >100 Gallon Compression Tank Air Fittings .....	1,431.42	38.03
<b>23 21 16 00-0300    Vortex Air Separators With Strainer <small>(23 21 16)</small></b> Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.		
23 21 16 00-0301 EA 2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N) .....	1,908.21 230.47	245.47
23 21 16 00-0302 EA 2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N)..... <i>For 300 PSIG, Add</i>	2,372.40 291.84	281.20
23 21 16 00-0303 EA 3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N) .....	3,701.25 480.03	330.75
23 21 16 00-0304 EA 3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F) .....	3,958.16 514.12	350.26
23 21 16 00-0305 EA 4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F) .....	5,098.76 658.68	467.01
23 21 16 00-0306 EA 5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F) .....	6,450.32 841.41	555.48
23 21 16 00-0307 EA 6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F) .....	7,671.59 1,007.79	628.99
23 21 16 00-0308 EA 8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F) .....	11,126.03 1,497.36	754.59
23 21 16 00-0309 EA 10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F) .....	17,318.70 2,402.87	857.72
23 21 16 00-0310 EA 12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F) .....	23,391.03 3,256.38	1,109.93
<b>23 21 16 00-0311    Vortex Air Separators <small>(23 21 16)</small></b> Note: Without system strainer.		
23 21 16 00-0312 EA 2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N)..... <i>For 300 PSIG, Add</i>	1,608.20 185.47	245.47
23 21 16 00-0313 EA 2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N)..... <i>For 300 PSIG, Add</i>	2,045.11 242.74	281.20
23 21 16 00-0314 EA 3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N)..... <i>For 300 PSIG, Add</i>	3,619.42 467.75	330.75
23 21 16 00-0315 EA 3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F)..... <i>For 300 PSIG, Add</i>	3,239.94 406.39	350.26
23 21 16 00-0316 EA 4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F)..... <i>For 300 PSIG, Add</i>	4,344.17 545.49	467.01
23 21 16 00-0317 EA 5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F)..... <i>For 300 PSIG, Add</i>	5,659.36 722.77	555.48
23 21 16 00-0318 EA 6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F)..... <i>For 300 PSIG, Add</i>	6,598.80 846.87	628.99
23 21 16 00-0319 EA 8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F) .....	8,834.99 1,153.70	754.59
23 21 16 00-0320 EA 10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F) .....	12,418.41 1,667.82	857.72
23 21 16 00-0321 EA 12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F) .....	19,273.74 2,638.79	1,109.93
<b>23 21 16 00-0322    Grooved, With Strainer, Vortex Air Separators <small>(23 21 16)</small></b>		
23 21 16 00-0323 EA 3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G) .....	3,488.38	280.20
23 21 16 00-0324 EA 4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G) .....	4,956.89	373.38
23 21 16 00-0325 EA 5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G) .....	6,282.12	443.97
23 21 16 00-0326 EA 6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G) .....	7,480.91	503.20
23 21 16 00-0327 EA 8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G) .....	10,879.12	603.84
23 21 16 00-0328 EA 10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G) .....	17,767.89	686.18
23 21 16 00-0329 EA 12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G) .....	27,151.14	888.04
<b>23 21 16 00-0330    Grooved Vortex Air Separators <small>(23 21 16)</small></b> Note: Without system strainer.		
23 21 16 00-0331 EA 3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G).....	2,742.88	280.20
23 21 16 00-0332 EA 4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G).....	4,202.30	373.38
23 21 16 00-0333 EA 5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G).....	5,491.16	443.97
23 21 16 00-0334 EA 6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G).....	6,408.12	503.20
23 21 16 00-0335 EA 8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G).....	8,606.26	603.84
23 21 16 00-0336 EA 10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G).....	12,794.87	686.18

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 16 00-0337	EA	12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G) .....	21,416.13	888.04
<b>23 21 16 00-0338</b>		<b>Swivel Joints</b> (23 21 16)		
<b>23 21 16 00-0339</b>		<b>Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)</b> (23 21 16 00-0338)		
		Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0340	EA	1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	359.15	30.31
23 21 16 00-0341	EA	1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	516.04	44.37
23 21 16 00-0342	EA	2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	723.80	51.86
23 21 16 00-0343	EA	3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	1,079.23	88.74
23 21 16 00-0344	EA	3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	1,361.98	122.56
23 21 16 00-0345	EA	4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	1,732.41	328.44
23 21 16 00-0346	EA	6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) .....	3,219.48	414.88
<b>23 21 16 00-0347</b>		<b>Basket Strainers</b> (23 21 16)		
<b>23 21 16 00-0348</b>		<b>Bronze Body Basket Strainers</b> (23 21 16 00-0347)		
<b>23 21 16 00-0349</b>		<b>Screwed Ends, Bronze Body Basket Strainers</b> (23 21 16 00-0348)		
23 21 16 00-0350	EA	1/2" Screwed Ends, Bronze Body Basket Strainer.....	322.92	23.05
		<i>For Work In Restricted Working Space, Add</i>	13.72	
23 21 16 00-0351	EA	3/4" Screwed Ends, Bronze Body Basket Strainer.....	381.65	27.09
		<i>For Work In Restricted Working Space, Add</i>	16.12	
23 21 16 00-0352	EA	1" Screwed Ends, Bronze Body Basket Strainer.....	442.67	32.26
		<i>For Work In Restricted Working Space, Add</i>	19.21	
23 21 16 00-0353	EA	1-1/4" Screwed Ends, Bronze Body Basket Strainer .....	551.48	35.73
		<i>For Work In Restricted Working Space, Add</i>	21.41	
23 21 16 00-0354	EA	1-1/2" Screwed Ends, Bronze Body Basket Strainer .....	651.27	40.33
		<i>For Work In Restricted Working Space, Add</i>	24.18	
23 21 16 00-0355	EA	2" Screwed Ends, Bronze Body Basket Strainer.....	970.96	46.10
		<i>For Work In Restricted Working Space, Add</i>	27.69	
23 21 16 00-0356	EA	2-1/2" Screwed Ends, Bronze Body Basket Strainer .....	1,373.69	61.66
		<i>For Work In Restricted Working Space, Add</i>	37.09	
23 21 16 00-0357	EA	3" Screwed Ends, Bronze Body Basket Strainer.....	1,933.74	65.69
		<i>For Work In Restricted Working Space, Add</i>	39.33	
<b>23 21 16 00-0358</b>		<b>Flanged, Bronze Body Basket Strainers</b> (23 21 16 00-0348)		
23 21 16 00-0359	EA	2" Flanged, Bronze Body Basket Strainer.....	1,523.67	153.62
		<i>For Work In Restricted Working Space, Add</i>	57.62	
23 21 16 00-0360	EA	2-1/2" Flanged, Bronze Body Basket Strainer.....	2,292.97	167.11
		<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0361	EA	3" Flanged, Bronze Body Basket Strainer.....	2,600.39	195.92
		<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0362	EA	4" Flanged, Bronze Body Basket Strainer.....	4,397.31	328.44
		<i>For Work In Restricted Working Space, Add</i>	123.48	
23 21 16 00-0363	EA	6" Flanged, Bronze Body Basket Strainer.....	8,341.99	367.60
		<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0364	EA	8" Flanged, Bronze Body Basket Strainer.....	15,212.88	469.71
		<i>For Work In Restricted Working Space, Add</i>	175.04	
<b>23 21 16 00-0365</b>		<b>Iron Body Basket Strainers</b> (23 21 16 00-0347)		
<b>23 21 16 00-0366</b>		<b>Screwed Ends, Iron Body Basket Strainers</b> (23 21 16 00-0365)		
23 21 16 00-0367	EA	1/2" Screwed Ends, Iron Body Basket Strainer.....	371.00	23.05
		<i>For Work In Restricted Working Space, Add</i>	13.72	
23 21 16 00-0368	EA	3/4" Screwed Ends, Iron Body Basket Strainer.....	417.79	27.09
		<i>For Work In Restricted Working Space, Add</i>	16.12	
23 21 16 00-0369	EA	1" Screwed Ends, Iron Body Basket Strainer.....	493.74	32.26
		<i>For Work In Restricted Working Space, Add</i>	19.21	
23 21 16 00-0370	EA	1-1/4" Screwed Ends, Iron Body Basket Strainer.....	647.31	35.73
		<i>For Work In Restricted Working Space, Add</i>	21.41	
23 21 16 00-0371	EA	1-1/2" Screwed Ends, Iron Body Basket Strainer.....	710.23	40.33
		<i>For Work In Restricted Working Space, Add</i>	24.18	
23 21 16 00-0372	EA	2" Screwed Ends, Iron Body Basket Strainer.....	844.28	46.10
		<i>For Work In Restricted Working Space, Add</i>	27.69	
23 21 16 00-0373	EA	2-1/2" Screwed Ends, Iron Body Basket Strainer.....	1,197.89	61.66
		<i>For Work In Restricted Working Space, Add</i>	37.09	
23 21 16 00-0374	EA	3" Screwed Ends, Iron Body Basket Strainer.....	1,354.59	65.69
		<i>For Work In Restricted Working Space, Add</i>	39.33	
<b>23 21 16 00-0375</b>		<b>Flanged, Iron Body Basket Strainers</b> (23 21 16 00-0365)		
23 21 16 00-0376	EA	2" Flanged, Iron Body Basket Strainer.....	1,317.43	153.62
		<i>For Work In Restricted Working Space, Add</i>	57.62	
23 21 16 00-0377	EA	2-1/2" Flanged, Iron Body Basket Strainer.....	1,726.30	167.11
		<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0378	EA	3" Flanged, Iron Body Basket Strainer.....	1,859.82	195.92
		<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0379	EA	4" Flanged, Iron Body Basket Strainer.....	2,841.69	328.44
		<i>For Work In Restricted Working Space, Add</i>	123.48	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0380 EA 6" Flanged, Iron Body Basket Strainer.....	5,190.86	367.60
<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0381 EA 8" Flanged, Iron Body Basket Strainer.....	9,309.00	469.71
<i>For Work In Restricted Working Space, Add</i>	175.04	
23 21 16 00-0382 EA 10" Flanged, Iron Body Basket Strainer.....	13,843.81	571.81
<i>For Work In Restricted Working Space, Add</i>	214.43	
23 21 16 00-0383 EA 12" Flanged, Iron Body Basket Strainer.....	17,017.09	720.89
<i>For Work In Restricted Working Space, Add</i>	432.49	
23 21 16 00-0384 EA 14" Flanged, Iron Body Basket Strainer.....	20,673.89	816.88
<i>For Work In Restricted Working Space, Add</i>	306.33	
23 21 16 00-0385 EA 16" Flanged, Iron Body Basket Strainer.....	21,673.01	898.56
<i>For Work In Restricted Working Space, Add</i>	336.96	
<b>23 21 16 00-0386 Cast Steel Body Basket Strainers (23 21 16 00-0347)</b>		
<b>23 21 16 00-0387 Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0386)</b>		
23 21 16 00-0388 EA 1" Screwed Ends, Cast Steel Body Basket Strainer .....	1,744.14	32.26
<i>For Work In Restricted Working Space, Add</i>	19.21	
23 21 16 00-0389 EA 1-1/4" Screwed Ends, Cast Steel Body Basket Strainer .....	2,313.90	35.73
<i>For Work In Restricted Working Space, Add</i>	21.42	
23 21 16 00-0390 EA 1-1/2" Screwed Ends, Cast Steel Body Basket Strainer .....	2,607.85	40.33
<i>For Work In Restricted Working Space, Add</i>	24.17	
23 21 16 00-0391 EA 2" Screwed Ends, Cast Steel Body Basket Strainer .....	3,687.42	46.10
<i>For Work In Restricted Working Space, Add</i>	27.68	
23 21 16 00-0392 EA 2-1/2" Screwed Ends, Cast Steel Body Basket Strainer .....	5,178.15	61.66
<i>For Work In Restricted Working Space, Add</i>	37.08	
23 21 16 00-0393 EA 3" Screwed Ends, Cast Steel Body Basket Strainer .....	6,751.88	65.69
<i>For Work In Restricted Working Space, Add</i>	39.34	
<b>23 21 16 00-0394 Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0386)</b>		
23 21 16 00-0395 EA 2" Flanged, Cast Steel Body Basket Strainer .....	5,424.61	153.62
<i>For Work In Restricted Working Space, Add</i>	57.62	
23 21 16 00-0396 EA 2-1/2" Flanged, Cast Steel Body Basket Strainer .....	7,862.55	167.11
<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0397 EA 3" Flanged, Cast Steel Body Basket Strainer .....	8,610.12	195.92
<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0398 EA 4" Flanged, Cast Steel Body Basket Strainer .....	12,158.09	328.44
<i>For Work In Restricted Working Space, Add</i>	123.48	
23 21 16 00-0399 EA 6" Flanged, Cast Steel Body Basket Strainer .....	21,640.43	367.60
<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0400 EA 8" Flanged, Cast Steel Body Basket Strainer .....	35,289.04	469.71
<i>For Work In Restricted Working Space, Add</i>	175.04	
<b>23 21 16 00-0401 Stainless Steel Body Basket Strainers (23 21 16 00-0347)</b>		
<b>23 21 16 00-0402 Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0401)</b>		
23 21 16 00-0403 EA 1" Screwed Ends, Stainless Steel Body Basket Strainer .....	577.23	32.26
<i>For Work In Restricted Working Space, Add</i>	19.21	
23 21 16 00-0404 EA 1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer .....	831.02	35.73
<i>For Work In Restricted Working Space, Add</i>	21.42	
23 21 16 00-0405 EA 1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer .....	857.99	40.33
<i>For Work In Restricted Working Space, Add</i>	24.17	
23 21 16 00-0406 EA 2" Screwed Ends, Stainless Steel Body Basket Strainer .....	1,268.57	46.10
<i>For Work In Restricted Working Space, Add</i>	27.68	
23 21 16 00-0407 EA 2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer .....	1,792.76	61.66
<i>For Work In Restricted Working Space, Add</i>	37.08	
23 21 16 00-0408 EA 3" Screwed Ends, Stainless Steel Body Basket Strainer .....	2,531.98	65.69
<i>For Work In Restricted Working Space, Add</i>	39.34	
<b>23 21 16 00-0409 Flanged, Stainless Steel Body Basket Strainers (23 21 16 00-0401)</b>		
23 21 16 00-0410 EA 2" Flanged, Stainless Steel Body Basket Strainer .....	1,942.54	153.62
<i>For Work In Restricted Working Space, Add</i>	57.62	
23 21 16 00-0411 EA 2-1/2" Flanged, Stainless Steel Body Basket Strainer .....	2,935.57	167.11
<i>For Work In Restricted Working Space, Add</i>	62.86	
23 21 16 00-0412 EA 3" Flanged, Stainless Steel Body Basket Strainer .....	3,324.37	195.92
<i>For Work In Restricted Working Space, Add</i>	73.56	
23 21 16 00-0413 EA 4" Flanged, Stainless Steel Body Basket Strainer .....	5,619.78	328.44
<i>For Work In Restricted Working Space, Add</i>	123.48	
23 21 16 00-0414 EA 6" Flanged, Stainless Steel Body Basket Strainer .....	8,591.00	367.60
<i>For Work In Restricted Working Space, Add</i>	138.34	
23 21 16 00-0415 EA 8" Flanged, Stainless Steel Body Basket Strainer .....	14,912.35	469.71
<i>For Work In Restricted Working Space, Add</i>	175.04	
<b>23 21 23 Hydronic Pumps (23 21)</b>		
<b>23 21 23 13 In-Line Centrifugal Hydronic Pumps (23 21 23)</b>		
<b>23 21 23 13-0001 Recirculating Pump (23 21 23 13)</b>		
23 21 23 13-0002 EA 3/4 HP Cartridge Circulator Pump .....	684.62	185.42



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 13-0003			<b>Cast Iron Single Stage In-Line Centrifugal Pump</b> <small>(23 21 23 13)</small> Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
23 21 23 13-0004	EA		3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump .....	6,504.56	307.80
			For Mechanical Seal, Add .....	446.53	
			For Cast Steel Case, Add .....	1,004.69	
23 21 23 13-0005	EA		5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump .....	7,100.87	372.55
			For Mechanical Seal, Add .....	478.69	
			For Cast Steel Case, Add .....	1,077.05	
23 21 23 13-0006	EA		7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump .....	8,207.12	442.60
			For Mechanical Seal, Add .....	550.43	
			For Cast Steel Case, Add .....	1,238.47	
23 21 23 13-0007	EA		10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump .....	9,188.21	590.13
			For Mechanical Seal, Add .....	593.54	
			For Cast Steel Case, Add .....	1,335.46	
23 21 23 13-0008	EA		15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump .....	10,534.80	643.20
			For Mechanical Seal, Add .....	688.40	
			For Cast Steel Case, Add .....	1,548.90	
23 21 23 13-0009	EA		30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump .....	15,759.86	707.95
			For Mechanical Seal, Add .....	1,090.97	
			For Cast Steel Case, Add .....	2,454.67	
23 21 23 13-0010	EA		40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump .....	18,516.81	884.14
			For Mechanical Seal, Add .....	1,269.07	
			For Cast Steel Case, Add .....	2,855.40	
23 21 23 13-0011	EA		50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump .....	25,768.97	1,010.44
			For Mechanical Seal, Add .....	1,818.91	
			For Cast Steel Case, Add .....	4,092.56	
23 21 23 13-0012	EA		75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump .....	32,786.21	1,058.88
			For Mechanical Seal, Add .....	2,368.76	
			For Cast Steel Case, Add .....	5,329.71	
23 21 23 13-0013	EA		100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump .....	35,790.56	1,361.12
			For Mechanical Seal, Add .....	2,536.50	
			For Cast Steel Case, Add .....	5,707.11	
23 21 23 13-0014	EA		1/2 HP, 40 GPM At 25' Head, Single Stage Cast Iron In-Line Circulating Pump .....	1,390.77	214.40
23 21 23 13-0015	EA		3/4 HP, 50 GPM At 30' Head, Single Stage Cast Iron In-Line Circulating Pump .....	1,502.11	228.20
23 21 23 13-0016			<b>Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump</b> <small>(23 21 23 13)</small> Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.		
23 21 23 13-0017	EA		1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	2,275.95	176.73
23 21 23 13-0018	EA		3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	4,041.59	201.99
23 21 23 13-0019	EA		1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	4,391.43	226.19
23 21 23 13-0020	EA		1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	4,616.77	245.92
23 21 23 13-0021	EA		2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	6,044.45	269.28
23 21 23 13-0022	EA		3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	6,212.68	297.61
23 21 23 13-0023	EA		5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	7,100.54	353.44
23 21 23 13-0024	EA		7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	8,259.69	435.07
23 21 23 13-0025	EA		10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	10,640.08	471.25
23 21 23 13-0026	EA		15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	12,440.96	498.96
23 21 23 13-0027	EA		20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	15,997.39	530.17
23 21 23 13-0028	EA		25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	16,881.54	547.89
23 21 23 13-0029	EA		30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	17,765.68	565.51
23 21 23 13-0030	EA		40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	21,100.49	605.95
23 21 23 13-0031	EA		50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	22,883.19	719.87
23 21 23 13-0032	EA		60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	25,284.45	1,039.77
23 21 23 13-0033	EA		75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	29,847.31	2,079.52
23 21 23 13-0034	EA		100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump .....	34,309.80	2,495.43
23 21 23 16			<b>Base-Mounted, Centrifugal Hydronic Pumps</b> <small>(23 21 23)</small> See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 16-0001			<b>Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.		
23 21 23 16-0002	EA		5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T) .....	6,405.74	336.46
23 21 23 16-0003	EA		7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T) .....	7,189.27	336.88
23 21 23 16-0004	EA		10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T) .....	9,482.26	442.60
23 21 23 16-0005	EA		15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T) .....	10,381.00	544.49
23 21 23 16-0006	EA		15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T) .....	11,630.73	544.49
23 21 23 16-0007	EA		20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T) .....	11,303.42	590.13
23 21 23 16-0008	EA		20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T) .....	12,013.94	590.13
23 21 23 16-0009	EA		25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T) .....	13,127.01	618.79
23 21 23 16-0010	EA		30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T) .....	14,600.36	786.50
23 21 23 16-0011	EA		40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T) .....	15,442.83	884.14
23 21 23 16-0012	EA		60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T) .....	23,856.02	2,186.08
23 21 23 16-0013	EA		75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T) .....	34,579.29	2,622.82
23 21 23 16-0014	EA		100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS) .....	39,220.07	3,278.53



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0015				<b>Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0016	EA			1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 6,808.95		247.30
				<i>For 300 Lb. Flanges, Add</i> ..... 1,590.75		
23 21 23 16-0017	EA			2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 8,705.12		265.35
				<i>For 300 Lb. Flanges, Add</i> ..... 2,076.77		
23 21 23 16-0018	EA			3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 10,916.46		283.39
				<i>For 300 Lb. Flanges, Add</i> ..... 2,611.18		
23 21 23 16-0019	EA			5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 12,722.90		336.46
				<i>For 300 Lb. Flanges, Add</i> ..... 3,029.10		
23 21 23 16-0020	EA			7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 13,371.65		336.88
				<i>For 300 Lb. Flanges, Add</i> ..... 3,183.70		
23 21 23 16-0021	EA			10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 13,951.51		442.60
				<i>For 300 Lb. Flanges, Add</i> ..... 3,288.87		
23 21 23 16-0022	EA			10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 14,266.09		442.60
				<i>For 300 Lb. Flanges, Add</i> ..... 3,367.51		
23 21 23 16-0023	EA			10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 14,962.92		442.60
				<i>For 300 Lb. Flanges, Add</i> ..... 3,541.72		
23 21 23 16-0024	EA			15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 17,359.71		544.49
				<i>For 300 Lb. Flanges, Add</i> ..... 4,094.99		
23 21 23 16-0025	EA			17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 17,624.39		544.07
				<i>For 300 Lb. Flanges, Add</i> ..... 4,151.28		
23 21 23 16-0026	EA			20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 18,580.39		590.13
				<i>For 300 Lb. Flanges, Add</i> ..... 4,379.75		
23 21 23 16-0027	EA			25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 20,392.06		618.79
				<i>For 300 Lb. Flanges, Add</i> ..... 4,811.46		
23 21 23 16-0028	EA			30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 22,510.64		786.50
				<i>For 300 Lb. Flanges, Add</i> ..... 5,273.86		
23 21 23 16-0029	EA			40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 25,538.69		884.14
				<i>For 300 Lb. Flanges, Add</i> ..... 5,986.65		
23 21 23 16-0030	EA			60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 39,729.58		2,186.08
				<i>For 300 Lb. Flanges, Add</i> ..... 8,878.58		
23 21 23 16-0031	EA			75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 47,246.41		2,622.82
				<i>For 300 Lb. Flanges, Add</i> ..... 10,547.03		
23 21 23 16-0032	EA			100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case ..... 57,601.39		3,278.53
				<i>For 300 Lb. Flanges, Add</i> ..... 12,819.63		
23 21 23 16-0033				<b>Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034	EA			1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 6,538.65		247.30
				<i>For 300 Lb. Flanges, Add</i> ..... 1,523.17		
23 21 23 16-0035	EA			2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 6,709.40		265.35
				<i>For 300 Lb. Flanges, Add</i> ..... 1,557.93		
23 21 23 16-0036	EA			3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 6,880.28		283.39
				<i>For 300 Lb. Flanges, Add</i> ..... 1,592.70		
23 21 23 16-0037	EA			5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 7,478.23		289.76
				<i>For 300 Lb. Flanges, Add</i> ..... 1,739.06		
23 21 23 16-0038	EA			7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 12,235.53		336.46
				<i>For 300 Lb. Flanges, Add</i> ..... 2,907.26		
23 21 23 16-0039	EA			10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 14,829.05		442.60
				<i>For 300 Lb. Flanges, Add</i> ..... 3,535.18		
23 21 23 16-0040	EA			15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 16,671.45		477.62
				<i>For 300 Lb. Flanges, Add</i> ..... 3,968.85		
23 21 23 16-0041	EA			20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 17,610.55		530.69
				<i>For 300 Lb. Flanges, Add</i> ..... 4,157.70		
23 21 23 16-0042	EA			25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 19,632.24		529.95
				<i>For 300 Lb. Flanges, Add</i> ..... 4,669.80		
23 21 23 16-0043	EA			40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 21,972.35		681.07
				<i>For 300 Lb. Flanges, Add</i> ..... 5,186.76		
23 21 23 16-0044	EA			50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 27,989.69		874.67
				<i>For 300 Lb. Flanges, Add</i> ..... 6,575.90		
23 21 23 16-0045	EA			75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 35,730.14		1,092.45
				<i>For 300 Lb. Flanges, Add</i> ..... 8,405.63		
23 21 23 16-0046	EA			3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP ..... 44,950.47		1,311.42
				<i>For 300 Lb. Flanges, Add</i> ..... 10,605.33		
23 21 23 16-0047	EA			150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 53,297.83		1,456.60
				<i>For 300 Lb. Flanges, Add</i> ..... 12,621.91		
23 21 23 16-0048	EA			200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case ..... 61,288.60		1,873.45
				<i>For 300 Lb. Flanges, Add</i> ..... 14,418.88		
23 21 23 16-0049				<b>Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump</b> <small>(23 21 23 16)</small> Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050	EA			40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case ..... 41,852.11		544.49
				<i>For 300 Lb. Flanges, Add</i> ..... 10,218.09		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0051	EA		50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case ..... <i>For 300 Lb. Flanges, Add</i>	45,180.19 11,029.70	590.13
23 21 23 16-0052	EA		75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case ..... <i>For 300 Lb. Flanges, Add</i>	60,303.38 14,712.58	793.35
23 21 23 16-0053	EA		100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case ..... <i>For 300 Lb. Flanges, Add</i>	70,361.95 17,091.00	1,090.12
23 21 23 16-0054	EA		200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case ..... <i>For 300 Lb. Flanges, Add</i>	97,646.33 23,745.59	1,453.49
<b>23 21 23 16-0055</b>			<b>Cast Iron Close Coupling Pumps</b> <small>(23 21 23 16)</small>		
<b>23 21 23 16-0056</b>			<b>Foot Mounted Cast Iron Close Coupled Pumps</b> <small>(23 21 23 16-0055)</small>		
23 21 23 16-0057	EA		3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM).....	5,732.31	318.42
23 21 23 16-0058	EA		3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM).....	6,243.43	318.42
23 21 23 16-0059	EA		5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM).....	6,945.23	336.12
23 21 23 16-0060	EA		5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	7,397.38	336.12
23 21 23 16-0061	EA		7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	8,506.40	353.44
23 21 23 16-0062	EA		10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	10,080.62	425.46
23 21 23 16-0063	EA		15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP).....	13,238.47	524.13
23 21 23 16-0064	EA		20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP).....	14,171.04	567.28
23 21 23 16-0065	EA		25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP).....	16,419.05	612.65
<b>23 21 23 16-0066</b>			<b>Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt</b> <small>(23 21 23 16)</small>		
23 21 23 16-0067	EA		1/3 HP, Centrifugal Pump, Polypropylene Body .....	1,441.01	164.46
23 21 23 16-0068	EA		1/2 HP, Centrifugal Pump, Polypropylene Body .....	1,537.30	174.36
23 21 23 16-0069	EA		3/4 HP, Centrifugal Pump, Polypropylene Body .....	1,793.43	185.66
<b>23 21 23 23</b>			<b>Vertical-Turbine Hydronic Pumps</b> <small>(23 21 23)</small>		
			See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
<b>23 21 23 23-0001</b>			<b>Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps</b> <small>(23 21 23 23)</small>		
			Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002	EA		2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	13,183.02 1,101.81 480.15	786.50
23 21 23 23-0003	EA		3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	15,250.94 1,267.63 562.48	884.14
23 21 23 23-0004	EA		15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	18,445.10 1,538.34 675.08	874.67
23 21 23 23-0005	EA		25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	21,798.56 1,808.73 807.09	1,009.31
23 21 23 23-0006	EA		50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	26,901.10 2,222.34 1,005.79	1,092.45
23 21 23 23-0007	EA		100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	35,416.93 2,917.66 1,332.37	1,311.42
23 21 23 23-0008	EA		150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	42,367.16 3,494.75 1,589.31	1,639.26
23 21 23 23-0009	EA		200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	68,105.36 5,568.86 2,603.78	1,873.45
23 21 23 23-0010	EA		250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	89,393.03 7,291.95 3,435.21	2,186.08
23 21 23 23-0011	EA		300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage..... <i>For Each Extra Column Assembly &lt;60", Add</i> <i>For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add</i>	125,290.23 10,191.83 4,843.00	2,622.82
			<i>For Basket Strainer, Galvanized. Steel Pipe Sizes 10" And Larger, Add</i>	3,590.10	



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

**23 21 29 Automatic Condensate Pump Units (23 21)**

<b>23 21 29 00-0001 Automatic Shallow Pan Condensate Pump (23 21 29)</b>			
23 21 29 00-0002	EA 1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS)	223.05	34.49
23 21 29 00-0003	EA 1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS)	242.33	34.49
23 21 29 00-0004	EA 1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS)	379.75	39.80

**23 21 29 00-0005 Automatic Condensate Pump With Tank (23 21 29)**

23 21 29 00-0006	EA 1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL)	121.30	26.54
23 21 29 00-0007	EA 1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20)	129.53	26.54
23 21 29 00-0008	EA 1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS)	216.75	34.49
23 21 29 00-0009	EA 1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS)	233.66	39.80
23 21 29 00-0010	EA 1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump	435.21	45.11

**23 22 Steam and Condensate Piping and Pumps (23 22)**

**23 22 16 Steam and Condensate Heating Piping Specialties (23 22)**

<b>23 22 16 00-0001 Steam Traps (23 22 16)</b>			
<b>23 22 16 00-0002 Inverted Bucket Steam Traps (23 22 16 00-0001)</b>			
23 22 16 00-0003	EA 1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	328.06	34.57
	<i>For Work In Restricted Working Space, Add</i>	20.74	
23 22 16 00-0004	EA 3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	330.94	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0005	EA 1" 250 PSI Inverted Bucket Cast Iron Steam Trap	493.63	38.38
	<i>For Work In Restricted Working Space, Add</i>	23.05	
23 22 16 00-0006	EA 1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap	799.42	52.38
	<i>For Work In Restricted Working Space, Add</i>	31.43	
23 22 16 00-0007	EA 1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,191.51	64.54
	<i>For Work In Restricted Working Space, Add</i>	38.41	
23 22 16 00-0008	EA 2" 250 PSI Inverted Bucket Cast Iron Steam Trap	1,519.04	96.04
	<i>For Work In Restricted Working Space, Add</i>	57.62	

**23 22 16 00-0009 Float And Thermostatic Steam Traps (23 22 16 00-0001)**

23 22 16 00-0010	EA 3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	346.83	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0011	EA 1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	457.83	38.41
	<i>For Work In Restricted Working Space, Add</i>	23.05	
23 22 16 00-0012	EA 1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	565.76	52.38
	<i>For Work In Restricted Working Space, Add</i>	31.43	
23 22 16 00-0013	EA 1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	829.65	64.02
	<i>For Work In Restricted Working Space, Add</i>	38.42	
23 22 16 00-0014	EA 2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,402.46	96.00
	<i>For Work In Restricted Working Space, Add</i>	57.62	
23 22 16 00-0015	EA 3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	442.50	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0016	EA 1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	480.99	38.38
	<i>For Work In Restricted Working Space, Add</i>	23.05	
23 22 16 00-0017	EA 1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	628.90	52.38
	<i>For Work In Restricted Working Space, Add</i>	31.43	
23 22 16 00-0018	EA 1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	982.47	63.96
	<i>For Work In Restricted Working Space, Add</i>	38.42	
23 22 16 00-0019	EA 2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,543.50	96.03
	<i>For Work In Restricted Working Space, Add</i>	57.62	
23 22 16 00-0020	EA 3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	575.12	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0021	EA 1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	640.97	38.41
	<i>For Work In Restricted Working Space, Add</i>	23.05	
23 22 16 00-0022	EA 1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	976.24	52.38
	<i>For Work In Restricted Working Space, Add</i>	31.43	
23 22 16 00-0023	EA 1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,173.83	63.96
	<i>For Work In Restricted Working Space, Add</i>	38.42	
23 22 16 00-0024	EA 2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,941.34	96.04
	<i>For Work In Restricted Working Space, Add</i>	57.62	
23 22 16 00-0025	EA 3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	583.54	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0026	EA 1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	640.97	38.41
	<i>For Work In Restricted Working Space, Add</i>	23.05	
23 22 16 00-0027	EA 1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap	976.24	52.38
	<i>For Work In Restricted Working Space, Add</i>	31.43	
23 22 16 00-0028	EA 1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap	1,173.83	63.96
	<i>For Work In Restricted Working Space, Add</i>	38.42	
23 22 16 00-0029	EA 2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap	1,941.34	96.03
	<i>For Work In Restricted Working Space, Add</i>	57.62	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>23 22 16 00-0030</b>	<b>Thermostatic Steam Traps</b> <small>(23 22 16 00-0001)</small>		
23 22 16 00-0031	EA 1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	166.80	34.57
	<i>For Work In Restricted Working Space, Add</i>	20.74	
23 22 16 00-0032	EA 3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	280.40	36.01
	<i>For Work In Restricted Working Space, Add</i>	21.61	
23 22 16 00-0033	EA 1" 25 PSI Maximum Pressure Thermostatic Steam Trap.....	346.75	38.38
	<i>For Work In Restricted Working Space, Add</i>	23.05	
<b>23 22 16 00-0034</b>	<b>Thermodynamic Steam Traps</b> <small>(23 22 16 00-0001)</small>		
23 22 16 00-0035	EA 3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	371.48	31.12
23 22 16 00-0036	EA 1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	528.04	34.57
23 22 16 00-0037	EA 3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	655.10	36.01
23 22 16 00-0038	EA 1" 600 PSI Maximum Pressure Thermodynamic Steam Trap.....	878.83	38.38
<b>23 22 16 00-0039</b>	<b>Steam Moisture Separator</b> <small>(23 22 16 00-0001)</small>		
23 22 16 00-0040	EA 1" Steam Moisture Separator, Threaded (Spirax Sarco S1).....	1,014.36	87.59
23 22 16 00-0041	EA 1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2).....	1,610.33	100.26
23 22 16 00-0042	EA 2" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	1,967.58	153.62
23 22 16 00-0043	EA 2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	2,970.28	167.11
23 22 16 00-0044	EA 3" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	3,390.08	195.92
23 22 16 00-0045	EA 4" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	4,685.70	328.44
23 22 16 00-0046	EA 6" Steam Moisture Separator, Flanged (Spirax Sarco S3).....	9,183.68	414.88
<b>23 22 16 00-0047</b>	<b>High Temperature Safety Relief Valve</b> <small>(23 22 16)</small>		
	Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
<b>23 22 16 00-0048</b>	<b>Cast Iron Body Safety Valve, Steam Or Water</b> <small>(23 22 16 00-0047)</small>		
	Note: Variable set points to 500 PSIG pressure, 400 Degree F temperature range.		
<b>23 22 16 00-0049</b>	<b>Threaded</b> <small>(23 22 16 00-0048)</small>		
23 22 16 00-0050	EA 3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	500.33	17.26
23 22 16 00-0051	EA 1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	523.51	20.42
23 22 16 00-0052	EA 1-1/2" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	577.32	25.89
23 22 16 00-0053	EA 1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	712.23	28.77
23 22 16 00-0054	EA 2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	911.91	35.38
23 22 16 00-0055	EA 2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	1,415.66	40.27
23 22 16 00-0056	EA 3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water.....	1,534.02	46.31
<b>23 22 16 00-0057</b>	<b>Flanged</b> <small>(23 22 16 00-0048)</small>		
23 22 16 00-0058	EA 1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	3,528.19	120.81
23 22 16 00-0059	EA 2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,106.67	181.60
23 22 16 00-0060	EA 2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	4,537.80	167.23
23 22 16 00-0061	EA 1-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	5,510.77	241.54
23 22 16 00-0062	EA 3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	5,883.34	180.12
23 22 16 00-0063	EA 3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	6,911.79	241.54
23 22 16 00-0064	EA 4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	11,568.08	342.75
23 22 16 00-0065	EA 6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water.....	23,016.83	382.80
<b>23 22 16 00-0066</b>	<b>Bronze Body Safety Valve, Threaded, Steam</b> <small>(23 22 16 00-0047)</small>		
	Note: Variable set points to 250 PSIG pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 PSIG pressure.		
23 22 16 00-0067	EA 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam.....	544.64	15.82
23 22 16 00-0068	EA 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	557.80	17.26
23 22 16 00-0069	EA 1" x 1" Threaded Bronze Body Safety Relief Valve, Steam.....	652.99	18.98
23 22 16 00-0070	EA 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	721.13	20.42
23 22 16 00-0071	EA 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam.....	834.41	23.01
23 22 16 00-0072	EA 1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	838.34	25.89
23 22 16 00-0073	EA 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	943.09	27.33
23 22 16 00-0074	EA 1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,027.86	28.77
23 22 16 00-0075	EA 2" x 2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,427.93	32.21
23 22 16 00-0076	EA 2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,560.54	35.38
23 22 16 00-0077	EA 2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam.....	1,862.22	40.27
<b>23 22 16 00-0078</b>	<b>Bronze Body Safety Valve, Threaded, Water</b> <small>(23 22 16 00-0047)</small>		
	Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0079	EA 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water.....	255.40	15.82
23 22 16 00-0080	EA 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water.....	291.13	17.26
23 22 16 00-0081	EA 1" x 1" Threaded Bronze Body Safety Relief Valve, Water.....	403.84	18.98
23 22 16 00-0082	EA 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	444.70	20.42
23 22 16 00-0083	EA 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water.....	643.99	23.01
23 22 16 00-0084	EA 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water.....	869.16	27.33
23 22 16 00-0085	EA 2" x 2" Threaded Bronze Body Safety Relief Valve, Water.....	1,268.69	32.21
<b>23 22 16 00-0086</b>	<b>Steam Temperature Regulator, Iron Body</b> <small>(23 22 16)</small>		



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0087		<b>Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0086)</small>		
		Note: Up to 150 PSI.		
23 22 16 00-0088	EA	1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,346.13	16.56
23 22 16 00-0089	EA	3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,416.19	22.32
23 22 16 00-0090	EA	1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,879.50	27.50
23 22 16 00-0091	EA	1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,075.14	34.75
23 22 16 00-0092	EA	1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,129.10	39.92
23 22 16 00-0093	EA	2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,516.00	43.44
23 22 16 00-0094	EA	2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,201.82	79.57
23 22 16 00-0095	EA	3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,164.68	86.78
23 22 16 00-0096	EA	4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	6,097.76	203.12
23 22 16 00-0097	EA	6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,150.16	238.40
23 22 16 00-0098		<b>Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0086)</small>		
23 22 16 00-0099	EA	1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	1,995.96	16.56
23 22 16 00-0100	EA	3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,067.02	22.32
23 22 16 00-0101	EA	1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,158.97	27.50
23 22 16 00-0102	EA	1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,584.31	34.75
23 22 16 00-0103	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,768.45	39.92
23 22 16 00-0104	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,143.83	43.44
23 22 16 00-0105	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,817.41	79.57
23 22 16 00-0106	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,767.44	86.78
23 22 16 00-0107	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,976.70	203.12
23 22 16 00-0108	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	12,891.71	238.40
23 22 16 00-0109		<b>Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0086)</small>		
23 22 16 00-0110	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,720.50	16.56
23 22 16 00-0111	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,759.94	22.32
23 22 16 00-0112	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,020.36	27.50
23 22 16 00-0113	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,288.75	34.75
23 22 16 00-0114	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,407.80	39.92
23 22 16 00-0115	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,844.46	43.44
23 22 16 00-0116	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,114.45	79.57
23 22 16 00-0117	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	8,169.48	86.78
23 22 16 00-0118	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,328.55	203.12
23 22 16 00-0119	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	14,490.26	238.40
23 22 16 00-0120		<b>Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body</b> <small>(23 22 16 00-0086)</small>		
23 22 16 00-0121	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,486.19	16.56
23 22 16 00-0122	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,521.81	22.32
23 22 16 00-0123	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,824.32	27.50
23 22 16 00-0124	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,985.49	34.75
23 22 16 00-0125	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,139.01	39.92
23 22 16 00-0126	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,506.77	43.44
23 22 16 00-0127	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,497.29	79.57
23 22 16 00-0128	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	8,587.95	86.78
23 22 16 00-0129	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,747.03	203.12
23 22 16 00-0130	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	14,908.74	238.40
23 22 16 00-0131		<b>Steam/Condensate Meter</b> <small>(23 22 16)</small>		
		Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0132	EA	1" Steam/Condensate Meter.....	9,684.06	95.36
		<i>For Owner Furnished Material, Deduct</i>	-9,556.91	
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0133	EA	2" Steam/Condensate Meter.....	10,922.03	112.05
		<i>For Owner Furnished Material, Deduct</i>	-10,772.63	
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0134	EA	2-1/2" Steam/Condensate Meter.....	11,565.92	139.06
		<i>For Owner Furnished Material, Deduct</i>	-11,380.49	
		<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
		<i>For Contactor Used For Dial Counter, Add</i>	567.00	
		<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
		<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
		<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 20 HVAC Piping and Pumps**

**23 22 Steam and Condensate Piping and Pumps**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0135	EA		3" Steam/Condensate Meter.....	12,232.06	182.77
			<i>For Owner Furnished Material, Deduct</i>	-11,988.35	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0136	EA		4" Steam/Condensate Meter.....	13,717.41	283.95
			<i>For Owner Furnished Material, Deduct</i>	-13,339.15	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0137	EA		6" Steam/Condensate Meter.....	23,611.36	359.18
			<i>For Owner Furnished Material, Deduct</i>	-23,132.45	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0138	EA		8" Steam/Condensate Meter.....	24,379.07	453.48
			<i>For Owner Furnished Material, Deduct</i>	-23,774.08	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0139	EA		10" Steam/Condensate Meter.....	25,427.54	556.25
			<i>For Owner Furnished Material, Deduct</i>	-24,685.87	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0140	EA		12" Steam/Condensate Meter.....	26,565.80	675.45
			<i>For Owner Furnished Material, Deduct</i>	-25,665.20	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0141	EA		14" Steam/Condensate Meter.....	28,210.60	794.64
			<i>For Owner Furnished Material, Deduct</i>	-27,151.08	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	
23 22 16 00-0142	EA		16" Steam/Condensate Meter.....	29,160.82	874.11
			<i>For Owner Furnished Material, Deduct</i>	-27,995.33	
			<i>For Steam Meter Pressure-Compensated Counter, Add</i>	1,220.00	
			<i>For Contactor Used For Dial Counter, Add</i>	567.00	
			<i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	905.00	
			<i>For Direct Reading Pressure Gauge, Add</i>	79.82	
			<i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i>	64.52	

**23 22 23 Steam Condensate Pumps (23 22)**

**23 22 23 13 Electric-Driven Steam Condensate Pumps (23 22 23)**

**23 22 23 13-0001 Simplex Condensate Pumps And Motors (23 22 23 13)**

Note: Cast iron receiver, float switch.

**23 22 23 13-0002 20 PSI Discharge Pressure (23 22 23 13-0001)**

23 22 23 13-0003	EA		3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	1,984.94	540.25
23 22 23 13-0004	EA		9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	2,531.01	555.11
23 22 23 13-0005	EA		15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	2,648.61	592.26
23 22 23 13-0006	EA		22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	2,909.44	598.63
23 22 23 13-0007	EA		30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	3,248.58	651.70
23 22 23 13-0008	EA		37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	4,733.83	651.70
23 22 23 13-0009	EA		45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	4,816.97	696.27
23 22 23 13-0010	EA		60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	5,859.21	728.11
23 22 23 13-0011	EA		75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	5,922.32	759.96



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 22 23 13-0012</b>				<b>30 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
		EA		3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	2,272.41	577.40
		EA		9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	2,938.82	592.26
		EA		15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	3,053.83	631.53
		EA		22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	3,525.21	682.47
		EA		30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,816.97	697.33
		EA		45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,950.86	721.74
		EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	5,103.61	759.96
		EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	5,910.50	808.78
<b>23 22 23 13-0021</b>				<b>40 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
		EA		3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	2,535.45	662.31
		EA		9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	3,184.15	715.38
		EA		22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	3,718.08	706.89
		EA		30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	4,927.26	721.74
		EA		45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	5,034.01	752.53
		EA		60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	5,922.32	759.96
		EA		75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	6,010.77	808.78
<b>23 22 23 13-0029</b>				<b>50 PSI Discharge Pressure</b> <small>(23 22 23 13-0001)</small>		
		EA		3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	4,703.71	717.50
		EA		9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	3,436.58	732.36
		EA		22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	3,934.53	737.67
		EA		30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	5,121.28	802.41
		EA		60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	8,023.31	865.04
<b>23 22 23 13-0035</b>				<b>Duplex Condensate Pumps And Motors</b> <small>(23 22 23 13)</small>		
				Note: Cast iron receiver, float switch, alternator assembly.		
<b>23 22 23 13-0036</b>				<b>20 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>		
		EA		9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	3,251.49	724.93
		EA		15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	3,449.54	796.04
		EA		22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	3,759.90	802.41
		EA		30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	4,198.37	874.59
		EA		37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	5,801.58	874.59
		EA		45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	5,919.87	942.52
		EA		60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	6,993.37	983.92
		EA		75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure .....	7,170.30	1,032.73
<b>23 22 23 13-0045</b>				<b>30 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>		
		EA		9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,190.51	781.18
		EA		15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,392.91	853.36
		EA		22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	4,859.32	832.14
		EA		30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	5,919.87	942.52
		EA		45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	6,089.74	977.54

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23	13-0051	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	6,934.36	1,032.73
23 22 23	13-0052	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure .....	7,281.75	1,107.04
<b>23 22 23</b>	<b>13-0053</b>		<b>40 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>		
23 22 23	13-0054	EA	9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	4,558.39	921.29
23 22 23	13-0055	EA	22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	5,026.82	962.69
23 22 23	13-0056	EA	30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	6,103.89	977.54
23 22 23	13-0057	EA	45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	6,282.01	1,026.37
23 22 23	13-0058	EA	60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	7,171.48	1,032.73
23 22 23	13-0059	EA	75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure .....	7,310.07	1,107.04
<b>23 22 23</b>	<b>13-0060</b>		<b>50 PSI Discharge Pressure</b> <small>(23 22 23 13-0035)</small>		
23 22 23	13-0061	EA	9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	4,754.22	921.29
23 22 23	13-0062	EA	22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	5,134.16	1,012.57
23 22 23	13-0063	EA	30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	6,421.76	1,099.60
23 22 23	13-0064	EA	60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure .....	11,060.30	1,190.88
<b>23 23</b>			<b>Refrigerant Piping</b> <small>(23 20)</small>		
<b>23 23 13</b>			<b>Refrigerant Piping Valves</b> <small>(23 23)</small>		
23 23 13	00-0001		Ball Valves <small>(23 23 13)</small>		
23 23 13	00-0002		Refrigeration Ball Valves, Sweat, 1400 Series <small>(23 23 13 00-0001)</small>		
23 23 13	00-0003	EA	3/8" Refrigeration Ball Valve, Sweated .....	47.08	11.51
23 23 13	00-0004	EA	1/2" Refrigeration Ball Valve, Sweated .....	48.94	11.51
23 23 13	00-0005	EA	5/8" Refrigeration Ball Valve, Sweated .....	66.23	11.51
23 23 13	00-0006	EA	7/8" Refrigeration Ball Valve, Sweated .....	88.66	12.66
23 23 13	00-0007	EA	1-1/8" Refrigeration Ball Valve, Sweated .....	124.63	14.38
23 23 13	00-0008	EA	1-5/8" Refrigeration Ball Valve, Sweated .....	203.45	17.72
23 23 13	00-0009		Shut-Off Valves <small>(23 23 13)</small>		
23 23 13	00-0010		Packless <small>(23 23 13 00-0009)</small>		
23 23 13	00-0011	EA	1/2" Refrigeration Valve, Packless .....	63.82	11.99
23 23 13	00-0012	EA	5/8" Refrigeration Valve, Packless .....	79.97	13.14
23 23 13	00-0013	EA	7/8" Refrigeration Valve, Packless .....	164.73	17.98
23 23 13	00-0014		Packed <small>(23 23 13 00-0009)</small>		
23 23 13	00-0015	EA	1-1/8" Refrigeration Valve, Packed .....	293.18	26.16
23 23 13	00-0016	EA	1 3/8" Refrigeration Valve, Packed .....	392.22	32.03
23 23 13	00-0017	EA	1-5/8" Refrigeration Valve, Packed .....	478.04	36.07
23 23 13	00-0018	EA	2-1/8" Refrigeration Valve, Packed .....	683.94	41.14
23 23 13	00-0019	EA	2-5/8" Refrigeration Valve, Packed .....	1,130.71	115.24
23 23 13	00-0020	EA	3-1/8" Refrigeration Valve, Packed .....	1,484.37	144.06
23 23 13	00-0021	EA	4-1/8" Refrigeration Valve, Packed .....	2,111.92	192.11
23 23 13	00-0022		Check Valves <small>(23 23 13)</small>		
23 23 13	00-0023	EA	5/8" Check Valve, Refrigeration .....	80.38	11.52
23 23 13	00-0024	EA	7/8" Check Valve, Refrigeration .....	256.67	12.67
23 23 13	00-0025	EA	1-1/8" Check Valve, Refrigeration .....	297.58	14.40
23 23 13	00-0026	EA	1 3/8" Check Valve, Refrigeration .....	400.97	15.33
23 23 13	00-0027	EA	1-5/8" Check Valve, Refrigeration .....	528.43	17.75
23 23 13	00-0028	EA	2-1/8" Check Valve, Refrigeration .....	784.69	20.97
23 23 13	00-0029	EA	2-5/8" Check Valve, Refrigeration .....	1,098.18	30.77
23 23 13	00-0030	EA	3-1/8" Check Valve, Refrigeration .....	1,453.91	40.33
23 23 13	00-0031		Solenoid Valves <small>(23 23 13)</small>		
23 23 13	00-0032		Solenoid Valve, 24 Volt Coil <small>(23 23 13 00-0031)</small>		
23 23 13	00-0033	EA	1/2" Solenoid Valve, Refrigeration .....	219.08	11.52
23 23 13	00-0034	EA	5/8" Solenoid Valve, Refrigeration .....	224.37	11.52
23 23 13	00-0035	EA	3/4" Solenoid Valve, Refrigeration .....	277.31	12.67



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 13 00-0036 EA 7/8" Solenoid Valve, Refrigeration .....	277.31	12.67
23 23 13 00-0037 EA 1-1/8" Solenoid Valve, Refrigeration .....	388.47	14.40
23 23 13 00-0038 EA 1 3/8" Solenoid Valve, Refrigeration .....	624.07	15.33
23 23 13 00-0039 EA 1-5/8" Solenoid Valve, Refrigeration .....	1,150.07	17.75
23 23 13 00-0040 EA 2-1/8" Solenoid Valve, Refrigeration .....	1,166.18	20.97
<b>23 23 16 Refrigerant Piping Specialties (23 23)</b>		
<b>23 23 16 00-0001 Soft Refrigeration Copper Tubing (23 23 16)</b>		
Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-1018 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0002 LF 1/8" Outside Diameter Soft Refrigeration Copper Tubing .....	4.87	2.74
23 23 16 00-0003 LF 3/16" Outside Diameter Soft Refrigeration Copper Tubing .....	5.11	2.81
23 23 16 00-0004 LF 1/4" Outside Diameter Soft Refrigeration Copper Tubing .....	5.35	2.89
23 23 16 00-0005 LF 5/16" Outside Diameter Soft Refrigeration Copper Tubing .....	5.76	2.94
23 23 16 00-0006 LF 3/8" Outside Diameter Soft Refrigeration Copper Tubing .....	5.93	2.98
23 23 16 00-0007 LF 1/2" Outside Diameter Soft Refrigeration Copper Tubing .....	6.70	3.13
23 23 16 00-0008 LF 5/8" Outside Diameter Soft Refrigeration Copper Tubing .....	7.41	3.17
23 23 16 00-0009 LF 3/4" Outside Diameter Soft Refrigeration Copper Tubing .....	8.13	3.28
23 23 16 00-0010 LF 7/8" Outside Diameter Soft Refrigeration Copper Tubing .....	10.54	3.85
23 23 16 00-0011 LF 1-1/8" Outside Diameter Soft Refrigeration Copper Tubing .....	13.47	4.41
23 23 16 00-0012 LF 1-3/8" Outside Diameter Soft Refrigeration Copper Tubing .....	19.62	5.22
23 23 16 00-0013 LF 1-5/8" Outside Diameter Soft Refrigeration Copper Tubing .....	23.72	5.84
<b>23 23 16 00-0014 Type L Drawn, ACR Copper Tubing (23 23 16)</b>		
Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-1018 for flexible elastomeric insulation (insulation on suction line only).		
23 23 16 00-0015 LF 3/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	6.56	3.22
<i>For Medical Applications "Oxygen Clean", Add</i>		
	0.57	
23 23 16 00-0016 LF 1/2" Outside Diameter Type L Drawn, ACR Copper Tubing .....	7.43	3.22
<i>For Medical Applications "Oxygen Clean", Add</i>		
	0.62	
23 23 16 00-0017 LF 5/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	7.97	3.22
<i>For Medical Applications "Oxygen Clean", Add</i>		
	0.64	
23 23 16 00-0018 LF 3/4" Outside Diameter Type L Drawn, ACR Copper Tubing .....	11.53	4.84
<i>For Medical Applications "Oxygen Clean", Add</i>		
	0.94	
23 23 16 00-0019 LF 7/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	12.60	5.19
<i>For Medical Applications "Oxygen Clean", Add</i>		
	1.02	
23 23 16 00-0020 LF 1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	14.77	5.19
<i>For Medical Applications "Oxygen Clean", Add</i>		
	1.13	
23 23 16 00-0021 LF 1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	18.44	5.99
<i>For Medical Applications "Oxygen Clean", Add</i>		
	1.38	
23 23 16 00-0022 LF 1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	22.38	6.91
<i>For Medical Applications "Oxygen Clean", Add</i>		
	1.64	
23 23 16 00-0023 LF 2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	31.80	8.64
<i>For Medical Applications "Oxygen Clean", Add</i>		
	2.24	
23 23 16 00-0024 LF 2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	47.70	13.02
<i>For Medical Applications "Oxygen Clean", Add</i>		
	3.36	
23 23 16 00-0025 LF 3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	61.80	16.14
<i>For Medical Applications "Oxygen Clean", Add</i>		
	4.30	
23 23 16 00-0026 LF 3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	77.87	19.10
<i>For Medical Applications "Oxygen Clean", Add</i>		
	5.33	
23 23 16 00-0027 LF 4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing .....	96.39	23.05
<i>For Medical Applications "Oxygen Clean", Add</i>		
	6.55	
<b>23 23 16 00-0028 Refrigeration Fittings (23 23 16)</b>		
<b>23 23 16 00-0029 Brass Flare Fittings (23 23 16 00-0028)</b>		
<b>23 23 16 00-0030 Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0031 EA 3/8" Brass Flare Union .....	27.05	12.43
23 23 16 00-0032 EA 1/2" Brass Flare Union .....	27.05	12.43
23 23 16 00-0033 EA 5/8" Brass Flare Union .....	29.23	12.43
<b>23 23 16 00-0034 90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0035 EA 3/8" 90 Degree Brass Flare Elbow Union .....	28.37	12.43
23 23 16 00-0036 EA 1/2" 90 Degree Brass Flare Elbow Union .....	28.37	12.43
23 23 16 00-0037 EA 5/8" 90 Degree Brass Flare Elbow Union .....	35.69	12.43
<b>23 23 16 00-0038 Brass Flare Tees (23 23 16 00-0029)</b>		
23 23 16 00-0039 EA 3/8" Brass Flare Tee .....	43.55	20.71
23 23 16 00-0040 EA 1/2" Brass Flare Tee .....	46.81	20.71
23 23 16 00-0041 EA 5/8" Brass Flare Tee .....	64.56	20.71
<b>23 23 16 00-0042 Male Connector, Half Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0043 EA 3/8" Brass Flare Male Connector, Half Union .....	21.05	12.43
23 23 16 00-0044 EA 1/2" Brass Flare Male Connector, Half Union .....	23.23	12.43

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0045	EA		5/8" Brass Flare Male Connector, Half Union .....	26.34	12.43
<b>23 23 16 00-0046</b>			<b>Female Connector, Half Brass Flare Unions (23 23 16 00-0029)</b>		
23 23 16 00-0047	EA		3/8" Brass Flare Female Connector, Half Union .....	23.86	12.43
23 23 16 00-0048	EA		1/2" Brass Flare Female Connector, Half Union .....	26.82	12.43
23 23 16 00-0049	EA		5/8" Brass Flare Female Connector, Half Union .....	26.82	12.43
<b>23 23 16 00-0050</b>			<b>Long Forged Nuts (23 23 16 00-0029)</b>		
23 23 16 00-0051	EA		3/8" Brass Long Forged Nut.....	22.38	12.43
23 23 16 00-0052	EA		1/2" Brass Long Forged Nut.....	23.23	12.43
23 23 16 00-0053	EA		5/8" Brass Long Forged Nut.....	32.72	12.43
<b>23 23 16 00-0054</b>			<b>Short Forged Nuts (23 23 16 00-0029)</b>		
23 23 16 00-0055	EA		3/8" Brass Short Forged Nut.....	21.14	12.43
23 23 16 00-0056	EA		1/2" Brass Short Forged Nut.....	23.11	12.43
23 23 16 00-0057	EA		5/8" Brass Short Forged Nut.....	23.52	12.43
<b>23 23 16 00-0058</b>			<b>ACR Wrought Copper Fittings (23 23 16 00-0028)</b>		
			Note: Soldered.		
<b>23 23 16 00-0059</b>			<b>ACR Wrought Copper Coupling (23 23 16 00-0058)</b>		
			Note: C x C		
23 23 16 00-0060	EA		1/4" ACR Wrought Copper Coupling.....	20.54	12.43
23 23 16 00-0061	EA		3/8" ACR Wrought Copper Coupling.....	20.19	12.43
23 23 16 00-0062	EA		1/2" ACR Wrought Copper Coupling.....	20.71	12.43
23 23 16 00-0063	EA		5/8" ACR Wrought Copper Coupling.....	21.33	13.02
23 23 16 00-0064	EA		3/4" ACR Wrought Copper Coupling.....	30.50	17.17
23 23 16 00-0065	EA		7/8" ACR Wrought Copper Coupling.....	29.97	17.63
23 23 16 00-0066	EA		1-1/8" ACR Wrought Copper Coupling.....	39.92	21.90
23 23 16 00-0067	EA		1-3/8" ACR Wrought Copper Coupling.....	57.45	29.97
23 23 16 00-0068	EA		1-5/8" ACR Wrought Copper Coupling.....	69.29	35.15
23 23 16 00-0069	EA		2-1/8" ACR Wrought Copper Coupling.....	91.48	42.64
23 23 16 00-0070	EA		2-5/8" ACR Wrought Copper Coupling.....	159.25	64.77
23 23 16 00-0071	EA		3-1/8" ACR Wrought Copper Coupling.....	212.45	85.17
23 23 16 00-0072	EA		4-1/8" ACR Wrought Copper Coupling.....	344.34	101.19
<b>23 23 16 00-0073</b>			<b>ACR Wrought Copper Short Radius 90 Degree Elbows (23 23 16 00-0058)</b>		
			Note: C x C		
23 23 16 00-0074	EA		1/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	25.23	12.43
23 23 16 00-0075	EA		3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	25.58	12.43
23 23 16 00-0076	EA		1/2" ACR Wrought Copper Short Radius 90 Degree Elbow.....	25.23	12.43
23 23 16 00-0077	EA		5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	27.42	13.02
23 23 16 00-0078	EA		3/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	40.07	17.17
23 23 16 00-0079	EA		7/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	40.58	17.63
23 23 16 00-0080	EA		1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	51.76	21.90
23 23 16 00-0081	EA		1-3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	64.28	29.97
23 23 16 00-0082	EA		1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	82.90	35.15
23 23 16 00-0083	EA		2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	118.82	42.64
23 23 16 00-0084	EA		2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	207.03	64.77
23 23 16 00-0085	EA		3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	265.89	85.17
23 23 16 00-0086	EA		4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	505.34	101.19
<b>23 23 16 00-0087</b>			<b>ACR Wrought Copper Long Radius 90 Degree Elbows (23 23 16 00-0058)</b>		
			Note: C x C		
23 23 16 00-0088	EA		1/4" ACR Wrought Copper Long Radius 90 Degree Elbow.....	31.09	12.43
23 23 16 00-0089	EA		3/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	27.99	12.43
23 23 16 00-0090	EA		1/2" ACR Wrought Copper Long Radius 90 Degree Elbow.....	30.45	12.43
23 23 16 00-0091	EA		5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	30.24	13.02
23 23 16 00-0092	EA		3/4" ACR Wrought Copper Long Radius 90 Degree Elbow.....	36.62	17.17
23 23 16 00-0093	EA		7/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	40.21	17.63
23 23 16 00-0094	EA		1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	55.01	21.90
23 23 16 00-0095	EA		1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	80.99	29.97
23 23 16 00-0096	EA		1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	101.14	35.15
23 23 16 00-0097	EA		2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	191.20	42.64
23 23 16 00-0098	EA		2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	298.65	64.77
23 23 16 00-0099	EA		3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	394.63	85.17
23 23 16 00-0100	EA		4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	866.69	101.19
<b>23 23 16 00-0101</b>			<b>ACR Wrought Copper 45 Degree Elbow (23 23 16 00-0058)</b>		
			Note: C x C		
23 23 16 00-0102	EA		1/4" ACR Wrought Copper 45 Degree Elbow.....	35.35	12.43
23 23 16 00-0103	EA		3/8" ACR Wrought Copper 45 Degree Elbow.....	31.09	12.43
23 23 16 00-0104	EA		1/2" ACR Wrought Copper 45 Degree Elbow.....	29.28	12.43
23 23 16 00-0105	EA		5/8" ACR Wrought Copper 45 Degree Elbow.....	23.88	13.02





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0106 EA 3/4" ACR Wrought Copper 45 Degree Elbow .....	44.60	17.17
23 23 16 00-0107 EA 7/8" ACR Wrought Copper 45 Degree Elbow .....	33.94	17.63
23 23 16 00-0108 EA 1-1/8" ACR Wrought Copper 45 Degree Elbow .....	51.72	21.90
23 23 16 00-0109 EA 1-3/8" ACR Wrought Copper 45 Degree Elbow .....	70.29	29.97
23 23 16 00-0110 EA 1-5/8" ACR Wrought Copper 45 Degree Elbow .....	83.28	35.15
23 23 16 00-0111 EA 2-1/8" ACR Wrought Copper 45 Degree Elbow .....	114.85	42.64
23 23 16 00-0112 EA 2-5/8" ACR Wrought Copper 45 Degree Elbow .....	205.70	64.77
23 23 16 00-0113 EA 3-1/8" ACR Wrought Copper 45 Degree Elbow .....	279.31	85.17
23 23 16 00-0114 EA 4-1/8" ACR Wrought Copper 45 Degree Elbow .....	474.66	101.19
<b>23 23 16 00-0115 ACR Wrought Copper Tee (23 23 16 00-0058)</b>		
Note: C x C x C		
23 23 16 00-0116 EA 1/4" ACR Wrought Copper Tee .....	44.38	20.71
23 23 16 00-0117 EA 3/8" ACR Wrought Copper Tee .....	45.13	20.71
23 23 16 00-0118 EA 1/2" ACR Wrought Copper Tee .....	42.35	20.71
23 23 16 00-0119 EA 5/8" ACR Wrought Copper Tee .....	43.13	26.16
23 23 16 00-0120 EA 3/4" ACR Wrought Copper Tee .....	64.93	26.16
23 23 16 00-0121 EA 7/8" ACR Wrought Copper Tee .....	49.40	26.50
23 23 16 00-0122 EA 1-1/8" ACR Wrought Copper Tee .....	82.61	35.15
23 23 16 00-0123 EA 1-3/8" ACR Wrought Copper Tee .....	104.26	42.64
23 23 16 00-0124 EA 1-5/8" ACR Wrought Copper Tee .....	138.13	50.59
23 23 16 00-0125 EA 2-1/8" ACR Wrought Copper Tee .....	198.26	67.42
23 23 16 00-0126 EA 2-5/8" ACR Wrought Copper Tee .....	416.62	147.17
23 23 16 00-0127 EA 3-1/8" ACR Wrought Copper Tee .....	523.87	161.80
23 23 16 00-0128 EA 4-1/8" ACR Wrought Copper Tee .....	950.27	179.78
<b>23 23 16 00-0129 ACR Wrought Copper Male Adapter (23 23 16 00-0058)</b>		
Note: C x M		
23 23 16 00-0130 EA 1/4" ACR Wrought Copper Male Adapter .....	39.58	12.43
23 23 16 00-0131 EA 3/8" ACR Wrought Copper Male Adapter .....	46.39	12.43
23 23 16 00-0132 EA 1/2" ACR Wrought Copper Male Adapter .....	35.08	12.43
<b>23 23 16 00-0133 ACR Wrought Copper Female Adapter (23 23 16 00-0058)</b>		
Note: C x F		
23 23 16 00-0134 EA 1/4" ACR Wrought Copper Female Adapter .....	36.91	12.43
23 23 16 00-0135 EA 3/8" ACR Wrought Copper Female Adapter .....	33.00	12.43
23 23 16 00-0136 EA 1/2" ACR Wrought Copper Female Adapter .....	34.48	12.43
<b>23 23 16 00-0137 ACR Wrought Copper Cap (23 23 16 00-0058)</b>		
Note: C		
23 23 16 00-0138 EA 1/4" ACR Wrought Copper Cap .....	15.66	8.29
23 23 16 00-0139 EA 3/8" ACR Wrought Copper Cap .....	14.43	8.29
23 23 16 00-0140 EA 1/2" ACR Wrought Copper Cap .....	15.63	8.29
<b>23 23 16 00-0141 ACR Wrought Copper P-Trap (23 23 16 00-0058)</b>		
23 23 16 00-0142 EA 5/8" ACR Wrought Copper P-Trap .....	110.06	10.61
23 23 16 00-0143 EA 3/4" ACR Wrought Copper P-Trap .....	151.60	11.67
23 23 16 00-0144 EA 7/8" ACR Wrought Copper P-Trap .....	129.26	11.67
23 23 16 00-0145 EA 1-1/8" ACR Wrought Copper P-Trap .....	178.59	12.74
23 23 16 00-0146 EA 1-3/8" ACR Wrought Copper P-Trap .....	311.79	12.74
23 23 16 00-0147 EA 1-5/8" ACR Wrought Copper P-Trap .....	444.81	13.80
23 23 16 00-0148 EA 2-1/8" ACR Wrought Copper P-Trap .....	820.80	14.86
<b>23 23 16 00-0149 Sight Glass With Moisture And Liquid Indicator, Solder Connection (23 23 16)</b>		
23 23 16 00-0150 EA 1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	60.14	15.93
23 23 16 00-0151 EA 3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	73.04	19.10
23 23 16 00-0152 EA 1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	88.33	23.35
23 23 16 00-0153 EA 5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	96.96	26.54
23 23 16 00-0154 EA 7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	131.15	33.97
23 23 16 00-0155 EA 1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	151.34	41.40
23 23 16 00-0156 EA 1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	235.76	48.83
23 23 16 00-0157 EA 1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	289.72	66.87
23 23 16 00-0158 EA 2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection .....	355.45	82.78
<b>23 23 16 00-0159 Filter Driers, Solder Connections (23 23 16)</b>		
<b>23 23 16 00-0160 Replaceable Core Type Filter Driers, Solder Connections (23 23 16 00-0159)</b>		
23 23 16 00-0161 EA 5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	553.12	9.56
23 23 16 00-0162 EA 7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	554.20	11.67
23 23 16 00-0163 EA 1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	707.55	11.67
23 23 16 00-0164 EA 1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	702.75	12.74
23 23 16 00-0165 EA 1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	781.20	13.80
23 23 16 00-0166 EA 2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	875.99	14.86
23 23 16 00-0167 EA 2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	1,022.89	15.93



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 23 16 00-0168	EA	3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections .....	1,276.97	15.93
<b>23 23 16 00-0169</b>		<b>Sealed In-Line Filter Driers, Solder Connections (23 23 16 00-0159)</b>		
23 23 16 00-0170	EA	1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections .....	86.74	9.56
23 23 16 00-0171	EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections .....	110.82	9.56
23 23 16 00-0172	EA	1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections .....	141.57	10.61
23 23 16 00-0173	EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections .....	164.14	10.61
23 23 16 00-0174	EA	5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections .....	180.37	10.61
23 23 16 00-0175	EA	5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections .....	209.35	10.61
23 23 16 00-0176	EA	7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections .....	235.49	11.67
23 23 16 00-0177	EA	7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections .....	350.33	11.67
23 23 16 00-0178	EA	1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections .....	380.68	11.67
<b>23 23 16 00-0179</b>		<b>Bi-Flow Filter Driers, Solder Connections (23 23 16 00-0159)</b>		
23 23 16 00-0180	EA	1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections .....	122.69	9.56
23 23 16 00-0181	EA	3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections .....	136.41	9.56
23 23 16 00-0182	EA	1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections .....	162.50	10.61
23 23 16 00-0183	EA	3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections .....	146.56	9.56
23 23 16 00-0184	EA	1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections .....	183.44	10.61
23 23 16 00-0185	EA	5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections .....	212.94	10.61
<b>23 23 16 00-0186</b>		<b>Refrigerant Compressor Discharge Mufflers (23 23 16)</b>		
23 23 16 00-0187	EA	3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler .....	110.13	9.56
23 23 16 00-0188	EA	1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler .....	121.58	9.56
23 23 16 00-0189	EA	5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler .....	146.65	9.56
23 23 16 00-0190	EA	7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler .....	196.43	11.67
23 23 16 00-0191	EA	1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler .....	256.13	11.67
23 23 16 00-0192	EA	1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler .....	304.22	12.74
23 23 16 00-0193	EA	1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler .....	385.69	13.80
23 23 16 00-0194	EA	2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler .....	717.16	14.86
23 23 16 00-0195	EA	2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler .....	800.12	15.93
23 23 16 00-0196	EA	3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler .....	989.96	15.93
<b>23 23 16 00-0197</b>		<b>Expansion Valves And Vibration Absorbers (23 23 16)</b>		
<b>23 23 16 00-0198</b>		<b>Thermostatic Expansion Valves (23 23 16 00-0197)</b>		
		Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199	EA	3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve .....	238.51	9.56
23 23 16 00-0200	EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve .....	332.23	10.61
23 23 16 00-0201	EA	5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve .....	568.07	10.61
23 23 16 00-0202	EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve .....	673.24	11.67
23 23 16 00-0203	EA	7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve .....	726.31	11.67
<b>23 23 16 00-0204</b>		<b>Electric Expansion Valves (23 23 16 00-0197)</b>		
		Note: Sporlan SEI or SEH.		
23 23 16 00-0205	EA	1/2 To 11 Ton Electric Expansion Valve .....	575.19	13.26
		Note: Sporlan SEI.		
23 23 16 00-0206	EA	25 Ton Electric Expansion Valve .....	666.54	13.80
		Note: Sporlan SEI.		
23 23 16 00-0207	EA	50 Ton Electric Expansion Valve .....	758.41	14.33
		Note: Sporlan SEI.		
23 23 16 00-0208	EA	100 Ton Electric Expansion Valve .....	890.29	14.33
		Note: Sporlan SEH.		
23 23 16 00-0209	EA	175 Ton Electric Expansion Valve .....	1,002.81	14.86
		Note: Sporlan SEH.		
<b>23 23 16 00-0210</b>		<b>Braided Stainless Steel Over Copper Vibration Absorber (23 23 16 00-0197)</b>		
23 23 16 00-0211	EA	1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	63.24	13.80
23 23 16 00-0212	EA	3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	63.31	15.93
23 23 16 00-0213	EA	1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	82.17	20.17
23 23 16 00-0214	EA	5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	88.32	24.41
23 23 16 00-0215	EA	3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	103.91	29.71
23 23 16 00-0216	EA	7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	120.37	33.97
23 23 16 00-0217	EA	1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	170.83	12.74
23 23 16 00-0218	EA	1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	241.76	13.80
23 23 16 00-0219	EA	1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	303.47	13.80
23 23 16 00-0220	EA	2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	416.96	14.86
23 23 16 00-0221	EA	2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	713.43	15.93
23 23 16 00-0222	EA	3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber .....	935.70	15.93
<b>23 23 16 00-0223</b>		<b>Accumulator, Refrigerant Suction Line (23 23 16)</b>		
23 23 16 00-0224	EA	3/4" Accumulator, Refrigeration Suction Line .....	200.67	48.29
23 23 16 00-0225	EA	7/8" Accumulator, Refrigeration Suction Line .....	271.83	66.33
23 23 16 00-0226	EA	1-1/8" Accumulator, Refrigeration Suction Line .....	322.54	88.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0227 EA 1 3/8" Accumulator, Refrigeration Suction Line .....	457.66	106.14
23 23 16 00-0228 EA 1-5/8" Accumulator, Refrigeration Suction Line .....	633.13	132.68
23 23 16 00-0229 EA 2-1/8" Accumulator, Refrigeration Suction Line .....	967.11	176.94
<b>23 23 16 00-0230 Special Chemicals/Component</b> <small>(23 23 16)</small>		
23 23 16 00-0231 GAL Special Chemical, Inhibited Propylene Glycol, 100% .....	36.85	
23 23 16 00-0232 GAL Removal And Storage For Reuse Of Inhibited Propylene Glycol.....	8.23	
23 23 16 00-0233 GAL Special Chemical, Inhibited Ethylene Glycol, 100%.....	25.14	
23 23 16 00-0234 EA Internal Coil/Refrigerant Piping Flush .....	347.99	
Note: Up to 10 ton AC system.		
<b>23 23 23 Refrigerants</b> <small>(23 23)</small>		
<b>23 23 23 00-0001 Refrigerant</b> <small>(23 23 23)</small>		
23 23 23 00-0002 LB R-123 Refrigerant .....	42.68	
23 23 23 00-0003 LB R-134A Refrigerant .....	15.21	
23 23 23 00-0004 LB R-410A Refrigerant .....	14.42	
23 23 23 00-0005 LB R-32 Refrigerant .....	19.24	
23 23 23 00-0006 LB R-452A Refrigerant .....	21.52	
23 23 23 00-0007 LB R-453A Refrigerant .....	25.04	
23 23 23 00-0008 LB R-454A Refrigerant .....	34.24	
23 23 23 00-0009 LB R-454B Refrigerant .....	27.45	
<b>23 25 HVAC Water Treatment</b> <small>(23 25)</small>		
<b>23 25 13 Water Treatment for Closed-Loop Hydronic Systems</b> <small>(23 25)</small>		
<b>23 25 13 00-0001 Polyethylene Chemical Storage Tanks</b> <small>(23 25 13)</small>		
23 25 13 00-0002 EA 15 Gallon Chemical Storage Tank, Polyethylene.....	531.92	88.62
<b>23 25 13 00-0003 Gas Chlorinator</b> <small>(23 25 13)</small>		
23 25 13 00-0004 EA Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	1,155.57	402.70
<i>For Booster Pump, Add</i>		
	451.68	
23 25 13 00-0005 EA Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	1,320.22	460.23
<i>For Booster Pump, Add</i>		
	516.30	
23 25 13 00-0006 EA Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit .....	1,819.10	348.62
<i>For Booster Pump, Add</i>		
	631.23	
<b>23 25 13 00-0007 Bypass Shot Feeders</b> <small>(23 25 13)</small>		
Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.		
<b>23 25 13 00-0008 In Line Mount, 125 PSIG</b> <small>(23 25 13 00-0007)</small>		
23 25 13 00-0009 EA 1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG .....	1,055.95	300.37
<b>23 25 13 00-0010 Floor Mount, 175 PSIG</b> <small>(23 25 13 00-0007)</small>		
23 25 13 00-0011 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,553.56	452.15
23 25 13 00-0012 EA 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	2,048.49	598.63
<b>23 25 13 00-0013 Floor Mount, 150 Lb. ASME Code</b> <small>(23 25 13 00-0007)</small>		
23 25 13 00-0014 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code .....	1,553.56	452.15
23 25 13 00-0015 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 Lb. ASME Code .....	2,048.49	598.63
<b>23 25 13 00-0016 Floor Mount, 300 Lb. ASME Code</b> <small>(23 25 13 00-0007)</small>		
23 25 13 00-0017 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code .....	1,938.27	452.15
23 25 13 00-0018 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 Lb. ASME Code .....	2,447.96	598.63
<b>23 30 HVAC Air Distribution</b> <small>(23)</small>		
<b>23 31 HVAC Ducts and Casings</b> <small>(23 30)</small>		
Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0393 for angle iron, 23 05 29 00-0001 for threaded rod.		
<b>23 31 13 Metal Ducts</b> <small>(23 31)</small>		
<b>23 31 13 13 Rectangular Metal Ducts</b> <small>(23 31 13)</small>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 13-0001		<b>Steel Sheet Metal Duct</b> <small>(23 31 13 13)</small> Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.		
23 31 13 13-0002		<b>Galvanized Steel Sheet Metal Ductwork And Sealant</b> <small>(23 31 13 13-0001)</small> Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF		
23 31 13 13-0003	LB	Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork .....	12.31	3.21
		<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.48	
		<i>For Up To 200, Add</i>	4.42	
		<i>For &gt;200 To 500, Add</i>	2.82	
		<i>For &gt;500 To 1,000, Add</i>	1.89	
		<i>For &gt;1,000 To 2,000, Add</i>	1.06	
		<i>For &gt;2,000 To 5,000, Add</i>	0.47	
		<i>For Work In Restricted Working Space, Add</i>	2.97	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	0.59	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	1.19	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	1.48	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	2.08	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	2.37	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	2.97	
		<i>For Elevated Installation &gt;40', Add</i>	3.26	
23 31 13 13-0004	LB	Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	14.03	3.21
		<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.53	
		<i>For Up To 200, Add</i>	5.01	
		<i>For &gt;200 To 500, Add</i>	3.19	
		<i>For &gt;500 To 1,000, Add</i>	2.15	
		<i>For &gt;1,000 To 2,000, Add</i>	1.20	
		<i>For &gt;2,000 To 5,000, Add</i>	0.53	
		<i>For Work In Restricted Working Space, Add</i>	3.41	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	0.68	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	1.36	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	1.71	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	2.39	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	2.73	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	3.41	
		<i>For Elevated Installation &gt;40', Add</i>	3.75	
23 31 13 13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	16.75	3.21
		<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.58	
		<i>For Up To 200, Add</i>	5.90	
		<i>For &gt;200 To 500, Add</i>	3.74	
		<i>For &gt;500 To 1,000, Add</i>	2.55	
		<i>For &gt;1,000 To 2,000, Add</i>	1.43	
		<i>For &gt;2,000 To 5,000, Add</i>	0.64	
		<i>For Work In Restricted Working Space, Add</i>	4.15	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	0.83	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	1.66	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	2.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	2.91	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	3.32	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	4.15	
		<i>For Elevated Installation &gt;40', Add</i>	4.57	
23 31 13 13-0006		<b>Alloy 3003-H14, Aluminum Sheet Metal Ductwork</b> <small>(23 31 13 13-0001)</small> Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge - 0.901 LB/SF; 12 gauge - 0.141 LB/SF		
23 31 13 13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork .....	23.96	3.21
		<i>For Work In Restricted Working Space, Add</i>	5.87	
		<i>For Up To 200, Add</i>	8.51	
		<i>For &gt;200 To 500, Add</i>	5.42	
		<i>For &gt;500 To 1,000, Add</i>	3.66	
		<i>For &gt;1,000 To 2,000, Add</i>	2.05	
		<i>For &gt;2,000 To 5,000, Add</i>	0.91	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	1.17	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	2.35	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	2.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	4.11	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	4.69	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	5.87	
		<i>For Elevated Installation &gt;40', Add</i>	6.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0008 LB Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	27.12	3.21
For Work In Restricted Working Space, Add	6.74	
For Up To 200, Add	9.53	
For >200 To 500, Add	6.04	
For >500 To 1,000, Add	4.12	
For >1,000 To 2,000, Add	2.31	
For >2,000 To 5,000, Add	1.04	
For Elevated Installation >10' To 15', Add	1.35	
For Elevated Installation >15' To 20', Add	2.70	
For Elevated Installation >20' To 25', Add	3.37	
For Elevated Installation >25' To 30', Add	4.72	
For Elevated Installation >30' To 35', Add	5.39	
For Elevated Installation >35' To 40', Add	6.74	
For Elevated Installation >40', Add	7.42	
23 31 13 13-0009 LB Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	32.26	3.21
For Work In Restricted Working Space, Add	8.21	
For Up To 200, Add	11.15	
For >200 To 500, Add	7.03	
For >500 To 1,000, Add	4.86	
For >1,000 To 2,000, Add	2.73	
For >2,000 To 5,000, Add	1.24	
For Elevated Installation >10' To 15', Add	1.64	
For Elevated Installation >15' To 20', Add	3.28	
For Elevated Installation >20' To 25', Add	4.10	
For Elevated Installation >25' To 30', Add	5.75	
For Elevated Installation >30' To 35', Add	6.57	
For Elevated Installation >35' To 40', Add	8.21	
For Elevated Installation >40', Add	9.03	
<b>23 31 13 13-0010 Type 304, Stainless Steel Sheet Metal Ductwork</b> <small>(23 31 13 13-0001)</small>		
<small>Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge - 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge - 3.154 LB/SF; 12 gauge - 4.427 LB/SF</small>		
23 31 13 13-0011 LB Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork.....	17.91	4.28
For Work In Restricted Working Space, Add	3.60	
For Welded Seams, Add	6.30	
For Up To 200, Add	7.14	
For >200 To 500, Add	4.70	
For >500 To 1,000, Add	2.92	
For >1,000 To 2,000, Add	1.61	
For >2,000 To 5,000, Add	0.66	
For Elevated Installation >10' To 15', Add	0.72	
For Elevated Installation >15' To 20', Add	1.44	
For Elevated Installation >20' To 25', Add	1.80	
For Elevated Installation >25' To 30', Add	2.52	
For Elevated Installation >30' To 35', Add	2.88	
For Elevated Installation >35' To 40', Add	3.60	
For Elevated Installation >40', Add	3.96	
23 31 13 13-0012 LB Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork.....	20.64	4.28
For Work In Restricted Working Space, Add	4.35	
For Welded Seams, Add	7.55	
For Up To 200, Add	8.04	
For >200 To 500, Add	5.25	
For >500 To 1,000, Add	3.32	
For >1,000 To 2,000, Add	1.84	
For >2,000 To 5,000, Add	0.76	
For Elevated Installation >10' To 15', Add	0.87	
For Elevated Installation >15' To 20', Add	1.74	
For Elevated Installation >20' To 25', Add	2.17	
For Elevated Installation >25' To 30', Add	3.04	
For Elevated Installation >30' To 35', Add	3.48	
For Elevated Installation >35' To 40', Add	4.35	
For Elevated Installation >40', Add	4.78	
23 31 13 13-0013 LB Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork.....	23.20	4.28
For Work In Restricted Working Space, Add	5.04	
For Welded Seams, Add	8.72	
For Up To 200, Add	8.88	
For >200 To 500, Add	5.77	
For >500 To 1,000, Add	3.70	
For >1,000 To 2,000, Add	2.05	
For >2,000 To 5,000, Add	0.86	
For Elevated Installation >10' To 15', Add	1.01	
For Elevated Installation >15' To 20', Add	2.02	
For Elevated Installation >20' To 25', Add	2.52	
For Elevated Installation >25' To 30', Add	3.53	
For Elevated Installation >30' To 35', Add	4.03	
For Elevated Installation >35' To 40', Add	5.04	
For Elevated Installation >40', Add	5.55	

**23 31 13 16 Round and Flat-Oval Spiral Ducts** (23 31 13)

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0001		<b>Low Pressure Round And Flat-Oval Duct</b> <small>(23 31 13 16)</small>		
		Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.		
23 31 13 16-0002		<b>Galvanized Sheet Metal Round And Flat-Oval Ducts</b> <small>(23 31 13 16-0001)</small>		
		Note: Includes straps and supports.		
23 31 13 16-0003	LF	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	7.55	2.56
		For Seal Class B, Add	0.79	
		For Seal Class A, Add	2.10	
		For Up To 20', Add	0.69	
		For >20' To 50', Add	0.28	
		For >200' To 500', Deduct	-0.17	
		For >500', Deduct	-0.29	
		For 28 Gauge, Deduct	-0.32	
		For 24 Gauge, Add	0.32	
		For 22 Gauge, Add	0.64	
		For 20 Gauge, Add	0.96	
		For 18 Gauge, Add	1.27	
		For 16 Gauge, Add	1.56	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	1.71	
		For Work In Restricted Working Space, Add	1.57	
		For Elevated Installation >10' To 15', Add	0.52	
		For Elevated Installation >15' To 20', Add	1.05	
		For Elevated Installation >20' To 25', Add	1.31	
		For Elevated Installation >25' To 30', Add	1.83	
		For Elevated Installation >30' To 35', Add	2.10	
		For Elevated Installation >35' To 40', Add	2.62	
		For Elevated Installation >40', Add	2.88	
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	8.74	2.91
		For Seal Class B, Add	0.87	
		For Seal Class A, Add	2.33	
		For Up To 20', Add	0.88	
		For >20' To 50', Add	0.35	
		For >200' To 500', Deduct	-0.22	
		For >500', Deduct	-0.37	
		For 28 Gauge, Deduct	-0.40	
		For 24 Gauge, Add	0.40	
		For 22 Gauge, Add	0.80	
		For 20 Gauge, Add	1.21	
		For 18 Gauge, Add	1.61	
		For 16 Gauge, Add	1.97	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.16	
		For Work In Restricted Working Space, Add	1.75	
		For Elevated Installation >10' To 15', Add	0.58	
		For Elevated Installation >15' To 20', Add	1.16	
		For Elevated Installation >20' To 25', Add	1.46	
		For Elevated Installation >25' To 30', Add	2.04	
		For Elevated Installation >30' To 35', Add	2.33	
		For Elevated Installation >35' To 40', Add	2.91	
		For Elevated Installation >40', Add	3.20	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	9.92	3.49
		For Seal Class B, Add	0.98	
		For Seal Class A, Add	2.62	
		For Up To 20', Add	1.01	
		For >20' To 50', Add	0.40	
		For >200' To 500', Deduct	-0.25	
		For >500', Deduct	-0.42	
		For 28 Gauge, Deduct	-0.47	
		For 24 Gauge, Add	0.47	
		For 22 Gauge, Add	0.93	
		For 20 Gauge, Add	1.40	
		For 18 Gauge, Add	1.85	
		For 16 Gauge, Add	2.27	
		For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.49	
		For Work In Restricted Working Space, Add	1.97	
		For Elevated Installation >10' To 15', Add	0.66	
		For Elevated Installation >15' To 20', Add	1.31	
		For Elevated Installation >20' To 25', Add	1.64	
		For Elevated Installation >25' To 30', Add	2.29	
		For Elevated Installation >30' To 35', Add	2.62	
		For Elevated Installation >35' To 40', Add	3.28	
		For Elevated Installation >40', Add	3.60	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0006 LF 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	11.12	4.07
For Seal Class B, Add	1.12	
For Seal Class A, Add	2.99	
For Up To 20', Add	1.09	
For >20' To 50', Add	0.44	
For >200' To 500', Deduct	-0.27	
For >500', Deduct	-0.46	
For 28 Gauge, Deduct	-0.50	
For 24 Gauge, Add	0.50	
For 22 Gauge, Add	1.00	
For 20 Gauge, Add	1.51	
For 18 Gauge, Add	2.00	
For 16 Gauge, Add	2.46	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.69	
For Work In Restricted Working Space, Add	2.24	
For Elevated Installation >10' To 15', Add	0.75	
For Elevated Installation >15' To 20', Add	1.50	
For Elevated Installation >20' To 25', Add	1.87	
For Elevated Installation >25' To 30', Add	2.62	
For Elevated Installation >30' To 35', Add	2.99	
For Elevated Installation >35' To 40', Add	3.74	
For Elevated Installation >40', Add	4.11	
23 31 13 16-0007 LF 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	12.62	4.65
For Seal Class B, Add	1.31	
For Seal Class A, Add	3.49	
For Up To 20', Add	1.17	
For >20' To 50', Add	0.47	
For >200' To 500', Deduct	-0.29	
For >500', Deduct	-0.49	
For 28 Gauge, Deduct	-0.54	
For 24 Gauge, Add	0.54	
For 22 Gauge, Add	1.07	
For 20 Gauge, Add	1.61	
For 18 Gauge, Add	2.15	
For 16 Gauge, Add	2.63	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.89	
For Work In Restricted Working Space, Add	2.62	
For Elevated Installation >10' To 15', Add	0.87	
For Elevated Installation >15' To 20', Add	1.74	
For Elevated Installation >20' To 25', Add	2.18	
For Elevated Installation >25' To 30', Add	3.05	
For Elevated Installation >30' To 35', Add	3.49	
For Elevated Installation >35' To 40', Add	4.36	
For Elevated Installation >40', Add	4.80	
23 31 13 16-0008 LF 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	16.15	5.82
For Seal Class B, Add	1.57	
For Seal Class A, Add	4.19	
For Up To 20', Add	1.70	
For >20' To 50', Add	0.68	
For >200' To 500', Deduct	-0.43	
For >500', Deduct	-0.71	
For 28 Gauge, Deduct	-0.79	
For 24 Gauge, Add	0.78	
For 22 Gauge, Add	1.56	
For 20 Gauge, Add	2.35	
For 18 Gauge, Add	3.12	
For 16 Gauge, Add	3.83	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.20	
For Work In Restricted Working Space, Add	3.14	
For Elevated Installation >10' To 15', Add	1.05	
For Elevated Installation >15' To 20', Add	2.09	
For Elevated Installation >20' To 25', Add	2.62	
For Elevated Installation >25' To 30', Add	3.66	
For Elevated Installation >30' To 35', Add	4.19	
For Elevated Installation >35' To 40', Add	5.24	
For Elevated Installation >40', Add	5.76	
23 31 13 16-0009 LF 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	19.73	7.80
For Seal Class B, Add	1.96	
For Seal Class A, Add	5.24	
For Up To 20', Add	1.99	
For >20' To 50', Add	0.80	
For >200' To 500', Deduct	-0.50	
For >500', Deduct	-0.83	
For 28 Gauge, Deduct	-0.92	
For 24 Gauge, Add	0.92	
For 22 Gauge, Add	1.83	
For 20 Gauge, Add	2.75	
For 18 Gauge, Add	3.65	
For 16 Gauge, Add	4.48	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.91	
For Work In Restricted Working Space, Add	3.93	
For Elevated Installation >10' To 15', Add	1.31	
For Elevated Installation >15' To 20', Add	2.62	
For Elevated Installation >20' To 25', Add	3.27	
For Elevated Installation >25' To 30', Add	4.58	
For Elevated Installation >30' To 35', Add	5.24	
For Elevated Installation >35' To 40', Add	6.55	
For Elevated Installation >40', Add	7.20	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 31 13 16-0010	LF 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct .....	23.90	11.63
	For Seal Class B, Add	2.45	
	For Seal Class A, Add	6.54	
	For Up To 20', Add	2.26	
	For >20' To 50', Add	0.90	
	For >200' To 500', Deduct	-0.57	
	For >500', Deduct	-0.94	
	For 28 Gauge, Deduct	-1.04	
	For 24 Gauge, Add	1.04	
	For 22 Gauge, Add	2.08	
	For 20 Gauge, Add	3.12	
	For 18 Gauge, Add	4.15	
	For 16 Gauge, Add	5.09	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.58	
	For Work In Restricted Working Space, Add	4.91	
	For Elevated Installation >10' To 15', Add	1.64	
	For Elevated Installation >15' To 20', Add	3.27	
	For Elevated Installation >20' To 25', Add	4.09	
	For Elevated Installation >25' To 30', Add	5.73	
	For Elevated Installation >30' To 35', Add	6.54	
	For Elevated Installation >35' To 40', Add	8.18	
	For Elevated Installation >40', Add	9.00	
23 31 13 16-0011	LF 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct .....	32.18	15.59
	For Seal Class B, Add	3.27	
	For Seal Class A, Add	8.73	
	For Up To 20', Add	3.11	
	For >20' To 50', Add	1.24	
	For >200' To 500', Deduct	-0.78	
	For >500', Deduct	-1.30	
	For 28 Gauge, Deduct	-1.43	
	For 24 Gauge, Add	1.43	
	For 22 Gauge, Add	2.85	
	For 20 Gauge, Add	4.29	
	For 18 Gauge, Add	5.70	
	For 16 Gauge, Add	6.99	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.67	
	For Work In Restricted Working Space, Add	6.55	
	For Elevated Installation >10' To 15', Add	2.18	
	For Elevated Installation >15' To 20', Add	4.36	
	For Elevated Installation >20' To 25', Add	5.46	
	For Elevated Installation >25' To 30', Add	7.64	
	For Elevated Installation >30' To 35', Add	8.73	
	For Elevated Installation >35' To 40', Add	10.91	
	For Elevated Installation >40', Add	12.00	
23 31 13 16-0012	LF 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct .....	46.20	18.73
	For Up To 20', Add	6.01	
	For >20' To 50', Add	2.40	
	For >200' To 500', Deduct	-1.50	
	For >500', Deduct	-2.50	
	For 28 Gauge, Deduct	-2.77	
	For 24 Gauge, Add	2.76	
	For 22 Gauge, Add	5.52	
	For 20 Gauge, Add	8.29	
	For 18 Gauge, Add	11.01	
	For 16 Gauge, Add	13.51	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.81	
	For Work In Restricted Working Space, Add	7.85	
	For Elevated Installation >10' To 15', Add	2.62	
	For Elevated Installation >15' To 20', Add	5.24	
	For Elevated Installation >20' To 25', Add	6.55	
	For Elevated Installation >25' To 30', Add	9.16	
	For Elevated Installation >30' To 35', Add	10.47	
	For Elevated Installation >35' To 40', Add	13.09	
	For Elevated Installation >40', Add	14.40	
23 31 13 16-0013	LF 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct .....	52.60	21.64
	For Up To 20', Add	6.71	
	For >20' To 50', Add	2.68	
	For >200' To 500', Deduct	-1.68	
	For >500', Deduct	-2.79	
	For 28 Gauge, Deduct	-3.10	
	For 24 Gauge, Add	3.08	
	For 22 Gauge, Add	6.16	
	For 20 Gauge, Add	9.25	
	For 18 Gauge, Add	12.29	
	For 16 Gauge, Add	15.09	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.54	
	For Work In Restricted Working Space, Add	9.08	
	For Elevated Installation >10' To 15', Add	3.03	
	For Elevated Installation >15' To 20', Add	6.05	
	For Elevated Installation >20' To 25', Add	7.56	
	For Elevated Installation >25' To 30', Add	10.59	
	For Elevated Installation >30' To 35', Add	12.10	
	For Elevated Installation >35' To 40', Add	15.13	
	For Elevated Installation >40', Add	16.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 31 13 16-0014 Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows <small>(23 31 13 16-0001)</small></b>		
Note: Up to 90 degree.		
23 31 13 16-0015 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	37.66	15.53
For Seal Class B, Add	4.66	
For Seal Class A, Add	12.42	
For 28 Gauge, Deduct	-0.91	
For 24 Gauge, Add	0.91	
For 22 Gauge, Add	1.82	
For 20 Gauge, Add	2.73	
For 18 Gauge, Add	3.63	
For 16 Gauge, Add	4.46	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.88	
For Work In Restricted Working Space, Add	9.32	
For Elevated Installation >10' To 15', Add	3.11	
For Elevated Installation >15' To 20', Add	6.21	
For Elevated Installation >20' To 25', Add	7.77	
For Elevated Installation >25' To 30', Add	10.87	
For Elevated Installation >30' To 35', Add	12.42	
For Elevated Installation >35' To 40', Add	15.53	
For Elevated Installation >40', Add	17.08	
23 31 13 16-0016 EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	43.02	17.92
For Seal Class B, Add	5.38	
For Seal Class A, Add	14.34	
For 28 Gauge, Deduct	-0.99	
For 24 Gauge, Add	0.99	
For 22 Gauge, Add	1.98	
For 20 Gauge, Add	2.97	
For 18 Gauge, Add	3.95	
For 16 Gauge, Add	4.85	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.31	
For Work In Restricted Working Space, Add	10.75	
For Elevated Installation >10' To 15', Add	3.58	
For Elevated Installation >15' To 20', Add	7.17	
For Elevated Installation >20' To 25', Add	8.96	
For Elevated Installation >25' To 30', Add	12.54	
For Elevated Installation >30' To 35', Add	14.34	
For Elevated Installation >35' To 40', Add	17.92	
For Elevated Installation >40', Add	19.71	
23 31 13 16-0017 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	50.43	21.17
For Seal Class B, Add	6.35	
For Seal Class A, Add	16.94	
For 28 Gauge, Deduct	-1.12	
For 24 Gauge, Add	1.12	
For 22 Gauge, Add	2.23	
For 20 Gauge, Add	3.35	
For 18 Gauge, Add	4.44	
For 16 Gauge, Add	5.45	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.98	
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.82	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.29	
23 31 13 16-0018 EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	64.37	27.22
For Seal Class B, Add	8.17	
For Seal Class A, Add	21.78	
For 28 Gauge, Deduct	-1.37	
For 24 Gauge, Add	1.37	
For 22 Gauge, Add	2.73	
For 20 Gauge, Add	4.11	
For 18 Gauge, Add	5.46	
For 16 Gauge, Add	6.70	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.34	
For Work In Restricted Working Space, Add	16.34	
For Elevated Installation >10' To 15', Add	5.45	
For Elevated Installation >15' To 20', Add	10.89	
For Elevated Installation >20' To 25', Add	13.61	
For Elevated Installation >25' To 30', Add	19.06	
For Elevated Installation >30' To 35', Add	21.78	
For Elevated Installation >35' To 40', Add	27.23	
For Elevated Installation >40', Add	29.95	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0019	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	77.03	33.16
	For Seal Class B, Add	9.95	
	For Seal Class A, Add	26.52	
	For 28 Gauge, Deduct	-1.48	
	For 24 Gauge, Add	1.48	
	For 22 Gauge, Add	2.95	
	For 20 Gauge, Add	4.44	
	For 18 Gauge, Add	5.90	
	For 16 Gauge, Add	7.24	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.93	
	For Work In Restricted Working Space, Add	19.89	
	For Elevated Installation >10' To 15', Add	6.63	
	For Elevated Installation >15' To 20', Add	13.26	
	For Elevated Installation >20' To 25', Add	16.58	
	For Elevated Installation >25' To 30', Add	23.21	
	For Elevated Installation >30' To 35', Add	26.52	
	For Elevated Installation >35' To 40', Add	33.16	
	For Elevated Installation >40', Add	36.47	
23 31 13 16-0020	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	117.70	51.77
	For Seal Class B, Add	15.53	
	For Seal Class A, Add	41.42	
	For 28 Gauge, Deduct	-1.96	
	For 24 Gauge, Add	1.95	
	For 22 Gauge, Add	3.90	
	For 20 Gauge, Add	5.86	
	For 18 Gauge, Add	7.78	
	For 16 Gauge, Add	9.55	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.47	
	For Work In Restricted Working Space, Add	31.07	
	For Elevated Installation >10' To 15', Add	10.36	
	For Elevated Installation >15' To 20', Add	20.71	
	For Elevated Installation >20' To 25', Add	25.89	
	For Elevated Installation >25' To 30', Add	36.24	
	For Elevated Installation >30' To 35', Add	41.42	
	For Elevated Installation >35' To 40', Add	51.78	
	For Elevated Installation >40', Add	56.95	
23 31 13 16-0021	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	162.27	71.55
	For Seal Class B, Add	21.47	
	For Seal Class A, Add	57.24	
	For 28 Gauge, Deduct	-2.66	
	For 24 Gauge, Add	2.65	
	For 22 Gauge, Add	5.28	
	For 20 Gauge, Add	7.94	
	For 18 Gauge, Add	10.54	
	For 16 Gauge, Add	12.94	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.19	
	For Work In Restricted Working Space, Add	42.93	
	For Elevated Installation >10' To 15', Add	14.31	
	For Elevated Installation >15' To 20', Add	28.62	
	For Elevated Installation >20' To 25', Add	35.78	
	For Elevated Installation >25' To 30', Add	50.09	
	For Elevated Installation >30' To 35', Add	57.24	
	For Elevated Installation >35' To 40', Add	71.55	
	For Elevated Installation >40', Add	78.71	
23 31 13 16-0022	EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	198.67	84.64
	For Seal Class B, Add	25.39	
	For Seal Class A, Add	67.72	
	For 28 Gauge, Deduct	-4.07	
	For 24 Gauge, Add	4.05	
	For 22 Gauge, Add	8.09	
	For 20 Gauge, Add	12.16	
	For 18 Gauge, Add	16.16	
	For 16 Gauge, Add	19.83	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.74	
	For Work In Restricted Working Space, Add	50.79	
	For Elevated Installation >10' To 15', Add	16.93	
	For Elevated Installation >15' To 20', Add	33.86	
	For Elevated Installation >20' To 25', Add	42.32	
	For Elevated Installation >25' To 30', Add	59.25	
	For Elevated Installation >30' To 35', Add	67.72	
	For Elevated Installation >35' To 40', Add	84.65	
	For Elevated Installation >40', Add	93.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0023 EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	228.27	93.07
For Seal Class B, Add	27.92	
For Seal Class A, Add	74.46	
For 28 Gauge, Deduct	-5.83	
For 24 Gauge, Add	5.81	
For 22 Gauge, Add	11.60	
For 20 Gauge, Add	17.43	
For 18 Gauge, Add	23.16	
For 16 Gauge, Add	28.42	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.16	
For Work In Restricted Working Space, Add	55.85	
For Elevated Installation >10' To 15', Add	18.62	
For Elevated Installation >15' To 20', Add	37.23	
For Elevated Installation >20' To 25', Add	46.54	
For Elevated Installation >25' To 30', Add	65.16	
For Elevated Installation >30' To 35', Add	74.46	
For Elevated Installation >35' To 40', Add	93.08	
For Elevated Installation >40', Add	102.39	
23 31 13 16-0024 EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	256.76	96.86
For Seal Class B, Add	29.06	
For Seal Class A, Add	77.48	
For 28 Gauge, Deduct	-8.73	
For 24 Gauge, Add	8.70	
For 22 Gauge, Add	17.37	
For 20 Gauge, Add	26.10	
For 18 Gauge, Add	34.68	
For 16 Gauge, Add	42.56	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	46.66	
For Work In Restricted Working Space, Add	58.11	
For Elevated Installation >10' To 15', Add	19.37	
For Elevated Installation >15' To 20', Add	38.74	
For Elevated Installation >20' To 25', Add	48.43	
For Elevated Installation >25' To 30', Add	67.80	
For Elevated Installation >30' To 35', Add	77.48	
For Elevated Installation >35' To 40', Add	96.86	
For Elevated Installation >40', Add	106.54	
23 31 13 16-0025 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow .....	284.18	100.05
For Seal Class B, Add	30.02	
For Seal Class A, Add	80.04	
For 28 Gauge, Deduct	-11.64	
For 24 Gauge, Add	11.60	
For 22 Gauge, Add	23.16	
For 20 Gauge, Add	34.80	
For 18 Gauge, Add	46.24	
For 16 Gauge, Add	56.75	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	62.21	
For Work In Restricted Working Space, Add	60.03	
For Elevated Installation >10' To 15', Add	20.01	
For Elevated Installation >15' To 20', Add	40.02	
For Elevated Installation >20' To 25', Add	50.03	
For Elevated Installation >25' To 30', Add	70.04	
For Elevated Installation >30' To 35', Add	80.04	
For Elevated Installation >35' To 40', Add	100.06	
For Elevated Installation >40', Add	110.06	
<b>23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows (23 31 13 16-0001)</b>		
23 31 13 16-0027 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	31.73	10.47
For Seal Class B, Add	3.93	
For Seal Class A, Add	10.47	
For 28 Gauge, Deduct	-0.77	
For 24 Gauge, Add	0.77	
For 22 Gauge, Add	1.53	
For 20 Gauge, Add	2.30	
For 18 Gauge, Add	3.05	
For 16 Gauge, Add	3.75	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.11	
For Work In Restricted Working Space, Add	7.85	
For Elevated Installation >10' To 15', Add	2.62	
For Elevated Installation >15' To 20', Add	5.24	
For Elevated Installation >20' To 25', Add	6.55	
For Elevated Installation >25' To 30', Add	9.16	
For Elevated Installation >30' To 35', Add	10.47	
For Elevated Installation >35' To 40', Add	13.09	
For Elevated Installation >40', Add	14.40	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 31 13 16-0028	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	36.23	11.99
		<i>For Seal Class B, Add</i>	4.49	
		<i>For Seal Class A, Add</i>	11.96	
		<i>For 28 Gauge, Deduct</i>	-0.88	
		<i>For 24 Gauge, Add</i>	0.87	
		<i>For 22 Gauge, Add</i>	1.74	
		<i>For 20 Gauge, Add</i>	2.62	
		<i>For 18 Gauge, Add</i>	3.48	
		<i>For 16 Gauge, Add</i>	4.27	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.68	
		<i>For Work In Restricted Working Space, Add</i>	8.97	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	2.99	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	5.98	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	7.48	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	10.47	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	11.96	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	14.96	
		<i>For Elevated Installation &gt;40', Add</i>	16.45	
23 31 13 16-0029	EA	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	42.10	13.96
		<i>For Seal Class B, Add</i>	5.24	
		<i>For Seal Class A, Add</i>	13.96	
		<i>For 28 Gauge, Deduct</i>	-1.00	
		<i>For 24 Gauge, Add</i>	0.99	
		<i>For 22 Gauge, Add</i>	1.98	
		<i>For 20 Gauge, Add</i>	2.98	
		<i>For 18 Gauge, Add</i>	3.96	
		<i>For 16 Gauge, Add</i>	4.86	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.33	
		<i>For Work In Restricted Working Space, Add</i>	10.47	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	3.49	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	6.98	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	8.73	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	12.22	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	13.96	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	17.45	
		<i>For Elevated Installation &gt;40', Add</i>	19.20	
23 31 13 16-0030	EA	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	49.52	16.75
		<i>For Seal Class B, Add</i>	6.28	
		<i>For Seal Class A, Add</i>	16.76	
		<i>For 28 Gauge, Deduct</i>	-1.06	
		<i>For 24 Gauge, Add</i>	1.05	
		<i>For 22 Gauge, Add</i>	2.10	
		<i>For 20 Gauge, Add</i>	3.16	
		<i>For 18 Gauge, Add</i>	4.20	
		<i>For 16 Gauge, Add</i>	5.15	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.65	
		<i>For Work In Restricted Working Space, Add</i>	12.57	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	4.19	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	8.38	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	10.47	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	14.66	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	16.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	20.95	
		<i>For Elevated Installation &gt;40', Add</i>	23.04	
23 31 13 16-0031	EA	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	61.20	20.94
		<i>For Seal Class B, Add</i>	7.85	
		<i>For Seal Class A, Add</i>	20.94	
		<i>For 28 Gauge, Deduct</i>	-1.23	
		<i>For 24 Gauge, Add</i>	1.22	
		<i>For 22 Gauge, Add</i>	2.44	
		<i>For 20 Gauge, Add</i>	3.66	
		<i>For 18 Gauge, Add</i>	4.87	
		<i>For 16 Gauge, Add</i>	5.97	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.55	
		<i>For Work In Restricted Working Space, Add</i>	15.71	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	5.24	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	10.47	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	13.09	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	18.32	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	20.94	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	26.18	
		<i>For Elevated Installation &gt;40', Add</i>	28.79	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0032 EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	82.46	27.92
For Seal Class B, Add	10.47	
For Seal Class A, Add	27.92	
For 28 Gauge, Deduct	-1.75	
For 24 Gauge, Add	1.75	
For 22 Gauge, Add	3.49	
For 20 Gauge, Add	5.24	
For 18 Gauge, Add	6.96	
For 16 Gauge, Add	8.54	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.36	
For Work In Restricted Working Space, Add	20.94	
For Elevated Installation >10' To 15', Add	6.98	
For Elevated Installation >15' To 20', Add	13.96	
For Elevated Installation >20' To 25', Add	17.45	
For Elevated Installation >25' To 30', Add	24.43	
For Elevated Installation >30' To 35', Add	27.92	
For Elevated Installation >35' To 40', Add	34.91	
For Elevated Installation >40', Add	38.40	
23 31 13 16-0033 EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	121.45	41.89
For Seal Class B, Add	15.71	
For Seal Class A, Add	41.88	
For 28 Gauge, Deduct	-2.32	
For 24 Gauge, Add	2.31	
For 22 Gauge, Add	4.61	
For 20 Gauge, Add	6.93	
For 18 Gauge, Add	9.21	
For 16 Gauge, Add	11.30	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.39	
For Work In Restricted Working Space, Add	31.41	
For Elevated Installation >10' To 15', Add	10.47	
For Elevated Installation >15' To 20', Add	20.94	
For Elevated Installation >20' To 25', Add	26.18	
For Elevated Installation >25' To 30', Add	36.65	
For Elevated Installation >30' To 35', Add	41.88	
For Elevated Installation >35' To 40', Add	52.36	
For Elevated Installation >40', Add	57.59	
23 31 13 16-0034 EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	165.12	53.52
For Seal Class B, Add	20.07	
For Seal Class A, Add	53.52	
For 28 Gauge, Deduct	-4.34	
For 24 Gauge, Add	4.32	
For 22 Gauge, Add	8.63	
For 20 Gauge, Add	12.97	
For 18 Gauge, Add	17.23	
For 16 Gauge, Add	21.15	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.18	
For Work In Restricted Working Space, Add	40.14	
For Elevated Installation >10' To 15', Add	13.38	
For Elevated Installation >15' To 20', Add	26.76	
For Elevated Installation >20' To 25', Add	33.45	
For Elevated Installation >25' To 30', Add	46.83	
For Elevated Installation >30' To 35', Add	53.52	
For Elevated Installation >35' To 40', Add	66.90	
For Elevated Installation >40', Add	73.58	
23 31 13 16-0035 EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	207.04	67.48
For Seal Class B, Add	25.31	
For Seal Class A, Add	67.48	
For 28 Gauge, Deduct	-5.31	
For 24 Gauge, Add	5.29	
For 22 Gauge, Add	10.56	
For 20 Gauge, Add	15.87	
For 18 Gauge, Add	21.09	
For 16 Gauge, Add	25.88	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	28.37	
For Work In Restricted Working Space, Add	50.61	
For Elevated Installation >10' To 15', Add	16.87	
For Elevated Installation >15' To 20', Add	33.74	
For Elevated Installation >20' To 25', Add	42.18	
For Elevated Installation >25' To 30', Add	59.05	
For Elevated Installation >30' To 35', Add	67.48	
For Elevated Installation >35' To 40', Add	84.35	
For Elevated Installation >40', Add	92.79	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0036	EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	235.23	70.39
	For Seal Class B, Add	26.35	
	For Seal Class A, Add	70.27	
	For 28 Gauge, Deduct	-8.25	
	For 24 Gauge, Add	8.22	
	For 22 Gauge, Add	16.41	
	For 20 Gauge, Add	24.65	
	For 18 Gauge, Add	32.75	
	For 16 Gauge, Add	40.20	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	44.07	
	For Work In Restricted Working Space, Add	52.70	
	For Elevated Installation >10' To 15', Add	17.57	
	For Elevated Installation >15' To 20', Add	35.14	
	For Elevated Installation >20' To 25', Add	43.92	
	For Elevated Installation >25' To 30', Add	61.49	
	For Elevated Installation >30' To 35', Add	70.27	
	For Elevated Installation >35' To 40', Add	87.84	
	For Elevated Installation >40', Add	96.62	
23 31 13 16-0037	EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow .....	259.73	72.13
	For Seal Class B, Add	27.05	
	For Seal Class A, Add	72.13	
	For 28 Gauge, Deduct	-11.00	
	For 24 Gauge, Add	10.96	
	For 22 Gauge, Add	21.87	
	For 20 Gauge, Add	32.87	
	For 18 Gauge, Add	43.67	
	For 16 Gauge, Add	53.60	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	58.76	
	For Work In Restricted Working Space, Add	54.10	
	For Elevated Installation >10' To 15', Add	18.03	
	For Elevated Installation >15' To 20', Add	36.07	
	For Elevated Installation >20' To 25', Add	45.08	
	For Elevated Installation >25' To 30', Add	63.12	
	For Elevated Installation >30' To 35', Add	72.13	
	For Elevated Installation >35' To 40', Add	90.17	
	For Elevated Installation >40', Add	99.18	
<b>23 31 13 16-0038</b>	<b>Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows (23 31 13 16-0001)</b>		
23 31 13 16-0039	EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	29.66	10.47
	For Seal Class B, Add	3.93	
	For Seal Class A, Add	10.47	
	For 28 Gauge, Deduct	-0.48	
	For 24 Gauge, Add	0.48	
	For 22 Gauge, Add	0.96	
	For 20 Gauge, Add	1.44	
	For 18 Gauge, Add	1.91	
	For 16 Gauge, Add	2.35	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	2.58	
	For Work In Restricted Working Space, Add	7.85	
	For Elevated Installation >10' To 15', Add	2.62	
	For Elevated Installation >15' To 20', Add	5.24	
	For Elevated Installation >20' To 25', Add	6.55	
	For Elevated Installation >25' To 30', Add	9.16	
	For Elevated Installation >30' To 35', Add	10.47	
	For Elevated Installation >35' To 40', Add	13.09	
	For Elevated Installation >40', Add	14.40	
23 31 13 16-0040	EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	34.39	11.99
	For Seal Class B, Add	4.49	
	For Seal Class A, Add	11.96	
	For 28 Gauge, Deduct	-0.62	
	For 24 Gauge, Add	0.62	
	For 22 Gauge, Add	1.23	
	For 20 Gauge, Add	1.85	
	For 18 Gauge, Add	2.46	
	For 16 Gauge, Add	3.02	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.32	
	For Work In Restricted Working Space, Add	8.97	
	For Elevated Installation >10' To 15', Add	2.99	
	For Elevated Installation >15' To 20', Add	5.98	
	For Elevated Installation >20' To 25', Add	7.48	
	For Elevated Installation >25' To 30', Add	10.47	
	For Elevated Installation >30' To 35', Add	11.96	
	For Elevated Installation >35' To 40', Add	14.96	
	For Elevated Installation >40', Add	16.45	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0041 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	39.78	13.96
For Seal Class B, Add	5.24	
For Seal Class A, Add	13.96	
For 28 Gauge, Deduct	-0.68	
For 24 Gauge, Add	0.67	
For 22 Gauge, Add	1.34	
For 20 Gauge, Add	2.02	
For 18 Gauge, Add	2.68	
For 16 Gauge, Add	3.29	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.61	
For Work In Restricted Working Space, Add	10.47	
For Elevated Installation >10' To 15', Add	3.49	
For Elevated Installation >15' To 20', Add	6.98	
For Elevated Installation >20' To 25', Add	8.73	
For Elevated Installation >25' To 30', Add	12.22	
For Elevated Installation >30' To 35', Add	13.96	
For Elevated Installation >35' To 40', Add	17.45	
For Elevated Installation >40', Add	19.20	
23 31 13 16-0042 EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	47.55	16.75
For Seal Class B, Add	6.28	
For Seal Class A, Add	16.76	
For 28 Gauge, Deduct	-0.78	
For 24 Gauge, Add	0.78	
For 22 Gauge, Add	1.56	
For 20 Gauge, Add	2.34	
For 18 Gauge, Add	3.11	
For 16 Gauge, Add	3.82	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.19	
For Work In Restricted Working Space, Add	12.57	
For Elevated Installation >10' To 15', Add	4.19	
For Elevated Installation >15' To 20', Add	8.38	
For Elevated Installation >20' To 25', Add	10.47	
For Elevated Installation >25' To 30', Add	14.66	
For Elevated Installation >30' To 35', Add	16.76	
For Elevated Installation >35' To 40', Add	20.95	
For Elevated Installation >40', Add	23.04	
23 31 13 16-0043 EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	58.79	20.94
For Seal Class B, Add	7.85	
For Seal Class A, Add	20.94	
For 28 Gauge, Deduct	-0.89	
For 24 Gauge, Add	0.89	
For 22 Gauge, Add	1.77	
For 20 Gauge, Add	2.67	
For 18 Gauge, Add	3.54	
For 16 Gauge, Add	4.35	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.77	
For Work In Restricted Working Space, Add	15.71	
For Elevated Installation >10' To 15', Add	5.24	
For Elevated Installation >15' To 20', Add	10.47	
For Elevated Installation >20' To 25', Add	13.09	
For Elevated Installation >25' To 30', Add	18.32	
For Elevated Installation >30' To 35', Add	20.94	
For Elevated Installation >35' To 40', Add	26.18	
For Elevated Installation >40', Add	28.79	
23 31 13 16-0044 EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	79.64	27.92
For Seal Class B, Add	10.47	
For Seal Class A, Add	27.92	
For 28 Gauge, Deduct	-1.36	
For 24 Gauge, Add	1.36	
For 22 Gauge, Add	2.71	
For 20 Gauge, Add	4.07	
For 18 Gauge, Add	5.41	
For 16 Gauge, Add	6.64	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.27	
For Work In Restricted Working Space, Add	20.94	
For Elevated Installation >10' To 15', Add	6.98	
For Elevated Installation >15' To 20', Add	13.96	
For Elevated Installation >20' To 25', Add	17.45	
For Elevated Installation >25' To 30', Add	24.43	
For Elevated Installation >30' To 35', Add	27.92	
For Elevated Installation >35' To 40', Add	34.91	
For Elevated Installation >40', Add	38.40	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

23 31 13 16-0045	EA	12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	117.36	41.89
		<i>For Seal Class B, Add</i>	15.71	
		<i>For Seal Class A, Add</i>	41.88	
		<i>For 28 Gauge, Deduct</i>	-1.75	
		<i>For 24 Gauge, Add</i>	1.75	
		<i>For 22 Gauge, Add</i>	3.49	
		<i>For 20 Gauge, Add</i>	5.24	
		<i>For 18 Gauge, Add</i>	6.96	
		<i>For 16 Gauge, Add</i>	8.54	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.36	
		<i>For Work In Restricted Working Space, Add</i>	31.41	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	10.47	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	20.94	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	26.18	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	36.65	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	41.88	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	52.36	
		<i>For Elevated Installation &gt;40', Add</i>	57.59	
23 31 13 16-0046	EA	14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	155.68	53.52
		<i>For Seal Class B, Add</i>	20.07	
		<i>For Seal Class A, Add</i>	53.52	
		<i>For 28 Gauge, Deduct</i>	-3.03	
		<i>For 24 Gauge, Add</i>	3.02	
		<i>For 22 Gauge, Add</i>	6.03	
		<i>For 20 Gauge, Add</i>	9.06	
		<i>For 18 Gauge, Add</i>	12.04	
		<i>For 16 Gauge, Add</i>	14.78	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	16.20	
		<i>For Work In Restricted Working Space, Add</i>	40.14	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	13.38	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	26.76	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	33.45	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	46.83	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	53.52	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	66.90	
		<i>For Elevated Installation &gt;40', Add</i>	73.58	
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	204.60	67.48
		<i>For Seal Class B, Add</i>	25.31	
		<i>For Seal Class A, Add</i>	67.48	
		<i>For 28 Gauge, Deduct</i>	-4.97	
		<i>For 24 Gauge, Add</i>	4.95	
		<i>For 22 Gauge, Add</i>	9.89	
		<i>For 20 Gauge, Add</i>	14.86	
		<i>For 18 Gauge, Add</i>	19.75	
		<i>For 16 Gauge, Add</i>	24.23	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.57	
		<i>For Work In Restricted Working Space, Add</i>	50.61	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	16.87	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	33.74	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	42.18	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	59.05	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	67.48	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	84.35	
		<i>For Elevated Installation &gt;40', Add</i>	92.79	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	219.08	70.39
		<i>For Seal Class B, Add</i>	26.35	
		<i>For Seal Class A, Add</i>	70.27	
		<i>For 28 Gauge, Deduct</i>	-6.01	
		<i>For 24 Gauge, Add</i>	5.99	
		<i>For 22 Gauge, Add</i>	11.96	
		<i>For 20 Gauge, Add</i>	17.97	
		<i>For 18 Gauge, Add</i>	23.87	
		<i>For 16 Gauge, Add</i>	29.30	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.12	
		<i>For Work In Restricted Working Space, Add</i>	52.70	
		<i>For Elevated Installation &gt;10' To 15', Add</i>	17.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	35.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	43.92	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	61.49	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	70.27	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	87.84	
		<i>For Elevated Installation &gt;40', Add</i>	96.62	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0049 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow .....	235.93	72.13
For Seal Class B, Add	27.05	
For Seal Class A, Add	72.13	
For 28 Gauge, Deduct	-7.70	
For 24 Gauge, Add	7.67	
For 22 Gauge, Add	15.32	
For 20 Gauge, Add	23.02	
For 18 Gauge, Add	30.58	
For 16 Gauge, Add	37.53	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	41.14	
For Work In Restricted Working Space, Add	54.10	
For Elevated Installation >10' To 15', Add	18.03	
For Elevated Installation >15' To 20', Add	36.07	
For Elevated Installation >20' To 25', Add	45.08	
For Elevated Installation >25' To 30', Add	63.12	
For Elevated Installation >30' To 35', Add	72.13	
For Elevated Installation >35' To 40', Add	90.17	
For Elevated Installation >40', Add	99.18	
<b>23 31 13 16-0050 Galvanized Sheet Metal Round And Flat-Oval Tees <small>(23 31 13 16-0001)</small></b>		
23 31 13 16-0051 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	47.02	15.70
For Seal Class B, Add	5.89	
For Seal Class A, Add	15.70	
For 28 Gauge, Deduct	-1.07	
For 24 Gauge, Add	1.07	
For 22 Gauge, Add	2.14	
For 20 Gauge, Add	3.21	
For 18 Gauge, Add	4.27	
For 16 Gauge, Add	5.24	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.74	
For Work In Restricted Working Space, Add	11.78	
For Elevated Installation >10' To 15', Add	3.93	
For Elevated Installation >15' To 20', Add	7.85	
For Elevated Installation >20' To 25', Add	9.82	
For Elevated Installation >25' To 30', Add	13.74	
For Elevated Installation >30' To 35', Add	15.70	
For Elevated Installation >35' To 40', Add	19.63	
For Elevated Installation >40', Add	21.59	
23 31 13 16-0052 EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	55.19	17.92
For Seal Class B, Add	6.73	
For Seal Class A, Add	17.95	
For 28 Gauge, Deduct	-1.43	
For 24 Gauge, Add	1.42	
For 22 Gauge, Add	2.84	
For 20 Gauge, Add	4.27	
For 18 Gauge, Add	5.67	
For 16 Gauge, Add	6.96	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.63	
For Work In Restricted Working Space, Add	13.46	
For Elevated Installation >10' To 15', Add	4.49	
For Elevated Installation >15' To 20', Add	8.98	
For Elevated Installation >20' To 25', Add	11.22	
For Elevated Installation >25' To 30', Add	15.71	
For Elevated Installation >30' To 35', Add	17.95	
For Elevated Installation >35' To 40', Add	22.44	
For Elevated Installation >40', Add	24.68	
23 31 13 16-0053 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	63.54	20.94
For Seal Class B, Add	7.85	
For Seal Class A, Add	20.94	
For 28 Gauge, Deduct	-1.55	
For 24 Gauge, Add	1.54	
For 22 Gauge, Add	3.08	
For 20 Gauge, Add	4.63	
For 18 Gauge, Add	6.15	
For 16 Gauge, Add	7.55	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.28	
For Work In Restricted Working Space, Add	15.71	
For Elevated Installation >10' To 15', Add	5.24	
For Elevated Installation >15' To 20', Add	10.47	
For Elevated Installation >20' To 25', Add	13.09	
For Elevated Installation >25' To 30', Add	18.32	
For Elevated Installation >30' To 35', Add	20.94	
For Elevated Installation >35' To 40', Add	26.18	
For Elevated Installation >40', Add	28.79	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0054	EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	75.70	25.13
	For Seal Class B, Add	9.42	
	For Seal Class A, Add	25.13	
	For 28 Gauge, Deduct	-1.78	
	For 24 Gauge, Add	1.78	
	For 22 Gauge, Add	3.55	
	For 20 Gauge, Add	5.33	
	For 18 Gauge, Add	7.08	
	For 16 Gauge, Add	8.69	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.53	
	For Work In Restricted Working Space, Add	18.85	
	For Elevated Installation >10' To 15', Add	6.28	
	For Elevated Installation >15' To 20', Add	12.56	
	For Elevated Installation >20' To 25', Add	15.71	
	For Elevated Installation >25' To 30', Add	21.99	
	For Elevated Installation >30' To 35', Add	25.13	
	For Elevated Installation >35' To 40', Add	31.41	
	For Elevated Installation >40', Add	34.55	
23 31 13 16-0055	EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	99.36	31.41
	For Seal Class B, Add	11.78	
	For Seal Class A, Add	31.42	
	For 28 Gauge, Deduct	-2.88	
	For 24 Gauge, Add	2.87	
	For 22 Gauge, Add	5.74	
	For 20 Gauge, Add	8.62	
	For 18 Gauge, Add	11.45	
	For 16 Gauge, Add	14.05	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	15.41	
	For Work In Restricted Working Space, Add	23.56	
	For Elevated Installation >10' To 15', Add	7.85	
	For Elevated Installation >15' To 20', Add	15.71	
	For Elevated Installation >20' To 25', Add	19.64	
	For Elevated Installation >25' To 30', Add	27.49	
	For Elevated Installation >30' To 35', Add	31.42	
	For Elevated Installation >35' To 40', Add	39.27	
	For Elevated Installation >40', Add	43.20	
23 31 13 16-0056	EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	131.27	41.89
	For Seal Class B, Add	15.71	
	For Seal Class A, Add	41.88	
	For 28 Gauge, Deduct	-3.68	
	For 24 Gauge, Add	3.67	
	For 22 Gauge, Add	7.32	
	For 20 Gauge, Add	11.00	
	For 18 Gauge, Add	14.61	
	For 16 Gauge, Add	17.93	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.65	
	For Work In Restricted Working Space, Add	31.41	
	For Elevated Installation >10' To 15', Add	10.47	
	For Elevated Installation >15' To 20', Add	20.94	
	For Elevated Installation >20' To 25', Add	26.18	
	For Elevated Installation >25' To 30', Add	36.65	
	For Elevated Installation >30' To 35', Add	41.88	
	For Elevated Installation >35' To 40', Add	52.36	
	For Elevated Installation >40', Add	57.59	
23 31 13 16-0057	EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	183.60	62.83
	For Seal Class B, Add	23.56	
	For Seal Class A, Add	62.82	
	For 28 Gauge, Deduct	-3.68	
	For 24 Gauge, Add	3.67	
	For 22 Gauge, Add	7.32	
	For 20 Gauge, Add	11.00	
	For 18 Gauge, Add	14.61	
	For 16 Gauge, Add	17.93	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	19.65	
	For Work In Restricted Working Space, Add	47.11	
	For Elevated Installation >10' To 15', Add	15.70	
	For Elevated Installation >15' To 20', Add	31.41	
	For Elevated Installation >20' To 25', Add	39.26	
	For Elevated Installation >25' To 30', Add	54.96	
	For Elevated Installation >30' To 35', Add	62.82	
	For Elevated Installation >35' To 40', Add	78.52	
	For Elevated Installation >40', Add	86.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0058 EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	251.20	80.05
For Seal Class B, Add	30.09	
For Seal Class A, Add	80.24	
For 28 Gauge, Deduct	-7.01	
For 24 Gauge, Add	6.98	
For 22 Gauge, Add	13.94	
For 20 Gauge, Add	20.95	
For 18 Gauge, Add	27.83	
For 16 Gauge, Add	34.16	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	37.44	
For Work In Restricted Working Space, Add	60.18	
For Elevated Installation >10' To 15', Add	20.06	
For Elevated Installation >15' To 20', Add	40.12	
For Elevated Installation >20' To 25', Add	50.15	
For Elevated Installation >25' To 30', Add	70.21	
For Elevated Installation >30' To 35', Add	80.24	
For Elevated Installation >35' To 40', Add	100.30	
For Elevated Installation >40', Add	110.33	
23 31 13 16-0059 EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	323.95	101.45
For Seal Class B, Add	37.94	
For Seal Class A, Add	101.17	
For 28 Gauge, Deduct	-9.84	
For 24 Gauge, Add	9.80	
For 22 Gauge, Add	19.57	
For 20 Gauge, Add	29.41	
For 18 Gauge, Add	39.07	
For 16 Gauge, Add	47.95	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	52.56	
For Work In Restricted Working Space, Add	75.88	
For Elevated Installation >10' To 15', Add	25.29	
For Elevated Installation >15' To 20', Add	50.58	
For Elevated Installation >20' To 25', Add	63.23	
For Elevated Installation >25' To 30', Add	88.52	
For Elevated Installation >30' To 35', Add	101.17	
For Elevated Installation >35' To 40', Add	126.46	
For Elevated Installation >40', Add	139.11	
23 31 13 16-0060 EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	373.20	112.85
For Seal Class B, Add	42.41	
For Seal Class A, Add	113.08	
For 28 Gauge, Deduct	-12.53	
For 24 Gauge, Add	12.49	
For 22 Gauge, Add	24.93	
For 20 Gauge, Add	37.46	
For 18 Gauge, Add	49.77	
For 16 Gauge, Add	61.08	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	66.96	
For Work In Restricted Working Space, Add	84.81	
For Elevated Installation >10' To 15', Add	28.27	
For Elevated Installation >15' To 20', Add	56.54	
For Elevated Installation >20' To 25', Add	70.68	
For Elevated Installation >25' To 30', Add	98.95	
For Elevated Installation >30' To 35', Add	113.08	
For Elevated Installation >35' To 40', Add	141.36	
For Elevated Installation >40', Add	155.49	
23 31 13 16-0061 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee .....	392.44	116.92
For Seal Class B, Add	43.80	
For Seal Class A, Add	116.81	
For 28 Gauge, Deduct	-13.91	
For 24 Gauge, Add	13.86	
For 22 Gauge, Add	27.66	
For 20 Gauge, Add	41.57	
For 18 Gauge, Add	55.23	
For 16 Gauge, Add	67.78	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	74.30	
For Work In Restricted Working Space, Add	87.61	
For Elevated Installation >10' To 15', Add	29.20	
For Elevated Installation >15' To 20', Add	58.41	
For Elevated Installation >20' To 25', Add	73.01	
For Elevated Installation >25' To 30', Add	102.21	
For Elevated Installation >30' To 35', Add	116.81	
For Elevated Installation >35' To 40', Add	146.02	
For Elevated Installation >40', Add	160.62	
<b>23 31 13 16-0062 Galvanized Sheet Metal Round And Flat-Oval Connectors</b> <small>(23 31 13 16-0001)</small>		
23 31 13 16-0063 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector .....	21.22	
For Seal Class B, Add	2.79	
For Seal Class A, Add	7.44	
For Work In Restricted Working Space, Add	5.58	
For Elevated Installation >10' To 15', Add	1.86	
For Elevated Installation >15' To 20', Add	3.72	
For Elevated Installation >20' To 25', Add	4.65	
For Elevated Installation >25' To 30', Add	6.51	
For Elevated Installation >30' To 35', Add	7.44	
For Elevated Installation >35' To 40', Add	9.31	
For Elevated Installation >40', Add	10.24	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0064	EA		5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	22.36	
			<i>For Seal Class B, Add</i>	2.93	
			<i>For Seal Class A, Add</i>	7.82	
			<i>For Work In Restricted Working Space, Add</i>	5.87	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.96	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.91	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.89	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.82	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.78	
			<i>For Elevated Installation &gt;40', Add</i>	10.76	
23 31 13 16-0065	EA		6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	23.96	
			<i>For Seal Class B, Add</i>	3.14	
			<i>For Seal Class A, Add</i>	8.38	
			<i>For Work In Restricted Working Space, Add</i>	6.28	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.09	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.19	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.33	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.38	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.47	
			<i>For Elevated Installation &gt;40', Add</i>	11.52	
23 31 13 16-0066	EA		7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	25.55	
			<i>For Seal Class B, Add</i>	3.32	
			<i>For Seal Class A, Add</i>	8.84	
			<i>For Work In Restricted Working Space, Add</i>	6.63	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.74	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.84	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.06	
			<i>For Elevated Installation &gt;40', Add</i>	12.16	
23 31 13 16-0067	EA		8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	27.74	
			<i>For Seal Class B, Add</i>	3.58	
			<i>For Seal Class A, Add</i>	9.54	
			<i>For Work In Restricted Working Space, Add</i>	7.16	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.39	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.96	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.93	
			<i>For Elevated Installation &gt;40', Add</i>	13.12	
23 31 13 16-0068	EA		10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	32.77	
			<i>For Seal Class B, Add</i>	4.00	
			<i>For Seal Class A, Add</i>	10.66	
			<i>For Work In Restricted Working Space, Add</i>	7.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.66	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.66	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.32	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.32	
			<i>For Elevated Installation &gt;40', Add</i>	14.65	
23 31 13 16-0069	EA		12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	44.63	
			<i>For Seal Class B, Add</i>	5.59	
			<i>For Seal Class A, Add</i>	14.90	
			<i>For Work In Restricted Working Space, Add</i>	11.17	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.72	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.45	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.31	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.03	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.90	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.62	
			<i>For Elevated Installation &gt;40', Add</i>	20.48	
23 31 13 16-0070	EA		14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	50.96	
			<i>For Seal Class B, Add</i>	6.35	
			<i>For Seal Class A, Add</i>	16.94	
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.83	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0071 EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	56.06	
For Seal Class B, Add	6.96	
For Seal Class A, Add	18.57	
For Work In Restricted Working Space, Add	13.93	
For Elevated Installation >10' To 15', Add	4.64	
For Elevated Installation >15' To 20', Add	9.29	
For Elevated Installation >20' To 25', Add	11.61	
For Elevated Installation >25' To 30', Add	16.25	
For Elevated Installation >30' To 35', Add	18.57	
For Elevated Installation >35' To 40', Add	23.22	
For Elevated Installation >40', Add	25.54	
23 31 13 16-0072 EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	61.02	
For Seal Class B, Add	7.54	
For Seal Class A, Add	20.10	
For Work In Restricted Working Space, Add	15.08	
For Elevated Installation >10' To 15', Add	5.03	
For Elevated Installation >15' To 20', Add	10.05	
For Elevated Installation >20' To 25', Add	12.57	
For Elevated Installation >25' To 30', Add	17.59	
For Elevated Installation >30' To 35', Add	20.10	
For Elevated Installation >35' To 40', Add	25.13	
For Elevated Installation >40', Add	27.64	
23 31 13 16-0073 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	66.48	
For Seal Class B, Add	8.22	
For Seal Class A, Add	21.92	
For Work In Restricted Working Space, Add	16.44	
For Elevated Installation >10' To 15', Add	5.48	
For Elevated Installation >15' To 20', Add	10.96	
For Elevated Installation >20' To 25', Add	13.70	
For Elevated Installation >25' To 30', Add	19.18	
For Elevated Installation >30' To 35', Add	21.92	
For Elevated Installation >35' To 40', Add	27.40	
For Elevated Installation >40', Add	30.14	
<b>23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings (23 31 13 16)</b>		
<b>23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct (23 31 13 16-0074)</b>		
23 31 13 16-0076 LF 4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	10.94	1.08
For Seal Class B, Add	0.86	
For Seal Class A, Add	2.30	
For Up To 20', Add	1.56	
For >20' To 50', Add	0.62	
For >200' To 500', Deduct	-0.39	
For >500', Deduct	-0.65	
For 24 Gauge, Add	1.04	
For 22 Gauge, Add	2.39	
For 20 Gauge, Add	3.89	
For 18 Gauge, Add	5.97	
For 16 Gauge, Add	7.27	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.84	
For Work In Restricted Working Space, Add	1.73	
23 31 13 16-0077 LF 6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	14.41	2.15
For Seal Class B, Add	1.04	
For Seal Class A, Add	2.76	
For Up To 20', Add	2.25	
For >20' To 50', Add	0.90	
For >200' To 500', Deduct	-0.56	
For >500', Deduct	-0.94	
For 24 Gauge, Add	1.50	
For 22 Gauge, Add	3.45	
For 20 Gauge, Add	5.63	
For 18 Gauge, Add	8.64	
For 16 Gauge, Add	10.51	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.56	
For Work In Restricted Working Space, Add	2.07	
23 31 13 16-0078 LF 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	18.46	2.15
For Seal Class B, Add	1.28	
For Seal Class A, Add	3.42	
For Up To 20', Add	2.97	
For >20' To 50', Add	1.19	
For >200' To 500', Deduct	-0.74	
For >500', Deduct	-1.24	
For 24 Gauge, Add	1.98	
For 22 Gauge, Add	4.55	
For 20 Gauge, Add	7.43	
For 18 Gauge, Add	11.39	
For 16 Gauge, Add	13.86	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.33	
For Work In Restricted Working Space, Add	2.57	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0079	LF 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	22.51	2.15
	For Seal Class B, Add	1.54	
	For Seal Class A, Add	4.12	
	For Up To 20', Add	3.67	
	For >20' To 50', Add	1.47	
	For >200' To 500', Deduct	-0.92	
	For >500', Deduct	-1.53	
	For 24 Gauge, Add	2.44	
	For 22 Gauge, Add	5.62	
	For 20 Gauge, Add	9.17	
	For 18 Gauge, Add	14.05	
	For 16 Gauge, Add	17.11	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.04	
	For Work In Restricted Working Space, Add	3.09	
23 31 13 16-0080	LF 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	27.92	3.22
	For Seal Class B, Add	1.93	
	For Seal Class A, Add	5.16	
	For Up To 20', Add	4.51	
	For >20' To 50', Add	1.80	
	For >200' To 500', Deduct	-1.13	
	For >500', Deduct	-1.88	
	For 24 Gauge, Add	3.01	
	For 22 Gauge, Add	6.91	
	For 20 Gauge, Add	11.27	
	For 18 Gauge, Add	17.28	
	For 16 Gauge, Add	21.04	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.12	
	For Work In Restricted Working Space, Add	3.87	
23 31 13 16-0081	LF 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	33.52	3.22
	For Seal Class B, Add	2.42	
	For Seal Class A, Add	6.44	
	For Up To 20', Add	5.22	
	For >20' To 50', Add	2.09	
	For >200' To 500', Deduct	-1.31	
	For >500', Deduct	-2.18	
	For 24 Gauge, Add	3.48	
	For 22 Gauge, Add	8.01	
	For 20 Gauge, Add	13.06	
	For 18 Gauge, Add	20.02	
	For 16 Gauge, Add	24.37	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.88	
	For Work In Restricted Working Space, Add	4.83	
23 31 13 16-0082	LF 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	46.74	3.22
	For Seal Class B, Add	3.22	
	For Seal Class A, Add	8.58	
	For Up To 20', Add	7.59	
	For >20' To 50', Add	3.03	
	For >200' To 500', Deduct	-1.90	
	For >500', Deduct	-3.16	
	For 24 Gauge, Add	5.06	
	For 22 Gauge, Add	11.63	
	For 20 Gauge, Add	18.97	
	For 18 Gauge, Add	29.08	
	For 16 Gauge, Add	35.41	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	18.71	
	For Work In Restricted Working Space, Add	6.44	
23 31 13 16-0083	LF 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	53.04	4.29
	For Seal Class B, Add	3.75	
	For Seal Class A, Add	10.00	
	For Up To 20', Add	8.41	
	For >20' To 50', Add	3.36	
	For >200' To 500', Deduct	-2.10	
	For >500', Deduct	-3.51	
	For 24 Gauge, Add	5.61	
	For 22 Gauge, Add	12.90	
	For 20 Gauge, Add	21.03	
	For 18 Gauge, Add	32.25	
	For 16 Gauge, Add	39.26	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.75	
	For Work In Restricted Working Space, Add	7.50	
23 31 13 16-0084	LF 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	59.67	4.29
	For Seal Class B, Add	4.26	
	For Seal Class A, Add	11.36	
	For Up To 20', Add	9.38	
	For >20' To 50', Add	3.75	
	For >200' To 500', Deduct	-2.35	
	For >500', Deduct	-3.91	
	For 24 Gauge, Add	6.26	
	For 22 Gauge, Add	14.39	
	For 20 Gauge, Add	23.46	
	For 18 Gauge, Add	35.97	
	For 16 Gauge, Add	43.79	
	For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.15	
	For Work In Restricted Working Space, Add	8.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0085 LF 22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	66.54	5.37
For Seal Class B, Add	4.80	
For Seal Class A, Add	12.79	
For Up To 20', Add	10.37	
For >20' To 50', Add	4.15	
For >200' To 500', Deduct	-2.59	
For >500', Deduct	-4.32	
For 24 Gauge, Add	6.91	
For 22 Gauge, Add	15.90	
For 20 Gauge, Add	25.93	
For 18 Gauge, Add	39.76	
For 16 Gauge, Add	48.40	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.58	
For Work In Restricted Working Space, Add	9.59	
23 31 13 16-0086 LF 24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	73.35	6.44
For Seal Class B, Add	5.37	
For Seal Class A, Add	14.31	
For Up To 20', Add	11.27	
For >20' To 50', Add	4.51	
For >200' To 500', Deduct	-2.82	
For >500', Deduct	-4.70	
For 24 Gauge, Add	7.51	
For 22 Gauge, Add	17.28	
For 20 Gauge, Add	28.18	
For 18 Gauge, Add	43.21	
For 16 Gauge, Add	52.60	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.80	
For Work In Restricted Working Space, Add	10.73	
<b>23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows</b> <small>(23 31 13 16-0074)</small>		
23 31 13 16-0088 EA 4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow .....	71.85	15.03
For Seal Class B, Add	8.70	
For Seal Class A, Add	23.21	
For 24 Gauge, Add	2.76	
For 22 Gauge, Add	6.36	
For 20 Gauge, Add	10.37	
For 18 Gauge, Add	15.89	
For 16 Gauge, Add	19.35	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.23	
For Work In Restricted Working Space, Add	17.41	
23 31 13 16-0089 EA 6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow .....	105.51	21.47
For Seal Class B, Add	12.88	
For Seal Class A, Add	34.36	
For 24 Gauge, Add	3.92	
For 22 Gauge, Add	9.03	
For 20 Gauge, Add	14.72	
For 18 Gauge, Add	22.56	
For 16 Gauge, Add	27.47	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.52	
For Work In Restricted Working Space, Add	25.77	
23 31 13 16-0090 EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow .....	150.44	27.92
For Seal Class B, Add	16.95	
For Seal Class A, Add	45.21	
For 24 Gauge, Add	7.48	
For 22 Gauge, Add	17.21	
For 20 Gauge, Add	28.06	
For 18 Gauge, Add	43.02	
For 16 Gauge, Add	52.37	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	27.68	
For Work In Restricted Working Space, Add	33.91	
23 31 13 16-0091 EA 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow .....	187.21	35.44
For Seal Class B, Add	21.47	
For Seal Class A, Add	57.26	
For 24 Gauge, Add	8.81	
For 22 Gauge, Add	20.26	
For 20 Gauge, Add	33.04	
For 18 Gauge, Add	50.66	
For 16 Gauge, Add	61.67	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	32.60	
For Work In Restricted Working Space, Add	42.95	
23 31 13 16-0092 EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow .....	230.67	45.10
For Seal Class B, Add	26.84	
For Seal Class A, Add	71.58	
For 24 Gauge, Add	10.34	
For 22 Gauge, Add	23.79	
For 20 Gauge, Add	38.79	
For 18 Gauge, Add	59.48	
For 16 Gauge, Add	72.41	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	38.27	
For Work In Restricted Working Space, Add	53.69	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0093	EA		14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	252.80	49.39
			<i>For Seal Class B, Add</i>	29.28	
			<i>For Seal Class A, Add</i>	78.09	
			<i>For 24 Gauge, Add</i>	11.52	
			<i>For 22 Gauge, Add</i>	26.49	
			<i>For 20 Gauge, Add</i>	43.19	
			<i>For 18 Gauge, Add</i>	66.22	
			<i>For 16 Gauge, Add</i>	80.61	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	42.61	
			<i>For Work In Restricted Working Space, Add</i>	58.57	
23 31 13 16-0094	EA		16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	298.30	57.98
			<i>For Seal Class B, Add</i>	34.64	
			<i>For Seal Class A, Add</i>	92.36	
			<i>For 24 Gauge, Add</i>	13.48	
			<i>For 22 Gauge, Add</i>	31.00	
			<i>For 20 Gauge, Add</i>	50.54	
			<i>For 18 Gauge, Add</i>	77.50	
			<i>For 16 Gauge, Add</i>	94.35	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	49.87	
			<i>For Work In Restricted Working Space, Add</i>	69.27	
23 31 13 16-0095	EA		18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	363.86	71.94
			<i>For Seal Class B, Add</i>	42.95	
			<i>For Seal Class A, Add</i>	114.53	
			<i>For 24 Gauge, Add</i>	15.51	
			<i>For 22 Gauge, Add</i>	35.67	
			<i>For 20 Gauge, Add</i>	58.16	
			<i>For 18 Gauge, Add</i>	89.17	
			<i>For 16 Gauge, Add</i>	108.56	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	57.38	
			<i>For Work In Restricted Working Space, Add</i>	85.90	
23 31 13 16-0096	EA		20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	437.89	86.97
			<i>For Seal Class B, Add</i>	51.95	
			<i>For Seal Class A, Add</i>	138.54	
			<i>For 24 Gauge, Add</i>	18.31	
			<i>For 22 Gauge, Add</i>	42.10	
			<i>For 20 Gauge, Add</i>	68.65	
			<i>For 18 Gauge, Add</i>	105.26	
			<i>For 16 Gauge, Add</i>	128.14	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	67.73	
			<i>For Work In Restricted Working Space, Add</i>	103.91	
23 31 13 16-0097	EA		22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	509.05	100.93
			<i>For Seal Class B, Add</i>	60.78	
			<i>For Seal Class A, Add</i>	162.07	
			<i>For 24 Gauge, Add</i>	20.78	
			<i>For 22 Gauge, Add</i>	47.78	
			<i>For 20 Gauge, Add</i>	77.91	
			<i>For 18 Gauge, Add</i>	119.46	
			<i>For 16 Gauge, Add</i>	145.43	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	76.87	
			<i>For Work In Restricted Working Space, Add</i>	121.55	
23 31 13 16-0098	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	585.10	114.89
			<i>For Seal Class B, Add</i>	68.54	
			<i>For Seal Class A, Add</i>	182.76	
			<i>For 24 Gauge, Add</i>	25.64	
			<i>For 22 Gauge, Add</i>	58.97	
			<i>For 20 Gauge, Add</i>	96.15	
			<i>For 18 Gauge, Add</i>	147.43	
			<i>For 16 Gauge, Add</i>	179.48	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	94.87	
			<i>For Work In Restricted Working Space, Add</i>	137.07	
23 31 13 16-0099			<b>Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows</b> (23 31 13 16-0074)		
23 31 13 16-0100	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	72.50	15.03
			<i>For Seal Class B, Add</i>	8.70	
			<i>For Seal Class A, Add</i>	23.21	
			<i>For 24 Gauge, Add</i>	2.89	
			<i>For 22 Gauge, Add</i>	6.66	
			<i>For 20 Gauge, Add</i>	10.85	
			<i>For 18 Gauge, Add</i>	16.64	
			<i>For 16 Gauge, Add</i>	20.26	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	10.71	
			<i>For Work In Restricted Working Space, Add</i>	17.41	
23 31 13 16-0101	EA		6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	102.14	21.47
			<i>For Seal Class B, Add</i>	12.88	
			<i>For Seal Class A, Add</i>	34.36	
			<i>For 24 Gauge, Add</i>	3.25	
			<i>For 22 Gauge, Add</i>	7.48	
			<i>For 20 Gauge, Add</i>	12.19	
			<i>For 18 Gauge, Add</i>	18.69	
			<i>For 16 Gauge, Add</i>	22.75	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	12.03	
			<i>For Work In Restricted Working Space, Add</i>	25.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0102 EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	134.83	27.92
For Seal Class B, Add	16.95	
For Seal Class A, Add	45.21	
For 24 Gauge, Add	4.36	
For 22 Gauge, Add	10.03	
For 20 Gauge, Add	16.35	
For 18 Gauge, Add	25.07	
For 16 Gauge, Add	30.52	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	16.13	
For Work In Restricted Working Space, Add	33.91	
23 31 13 16-0103 EA 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	170.40	35.44
For Seal Class B, Add	21.47	
For Seal Class A, Add	57.26	
For 24 Gauge, Add	5.45	
For 22 Gauge, Add	12.53	
For 20 Gauge, Add	20.43	
For 18 Gauge, Add	31.33	
For 16 Gauge, Add	38.14	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.16	
For Work In Restricted Working Space, Add	42.95	
23 31 13 16-0104 EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	210.61	45.10
For Seal Class B, Add	26.84	
For Seal Class A, Add	71.58	
For 24 Gauge, Add	6.33	
For 22 Gauge, Add	14.56	
For 20 Gauge, Add	23.75	
For 18 Gauge, Add	36.41	
For 16 Gauge, Add	44.32	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	23.43	
For Work In Restricted Working Space, Add	53.69	
23 31 13 16-0105 EA 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	230.41	49.39
For Seal Class B, Add	29.28	
For Seal Class A, Add	78.09	
For 24 Gauge, Add	7.04	
For 22 Gauge, Add	16.19	
For 20 Gauge, Add	26.39	
For 18 Gauge, Add	40.47	
For 16 Gauge, Add	49.27	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.04	
For Work In Restricted Working Space, Add	58.57	
23 31 13 16-0106 EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	288.60	57.98
For Seal Class B, Add	34.64	
For Seal Class A, Add	92.36	
For 24 Gauge, Add	11.54	
For 22 Gauge, Add	26.54	
For 20 Gauge, Add	43.27	
For 18 Gauge, Add	66.34	
For 16 Gauge, Add	80.77	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	42.69	
For Work In Restricted Working Space, Add	69.27	
23 31 13 16-0107 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	357.00	71.94
For Seal Class B, Add	42.95	
For Seal Class A, Add	114.53	
For 24 Gauge, Add	14.14	
For 22 Gauge, Add	32.51	
For 20 Gauge, Add	53.01	
For 18 Gauge, Add	81.28	
For 16 Gauge, Add	98.95	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	52.30	
For Work In Restricted Working Space, Add	85.90	
23 31 13 16-0108 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	435.79	86.97
For Seal Class B, Add	51.95	
For Seal Class A, Add	138.54	
For 24 Gauge, Add	17.89	
For 22 Gauge, Add	41.14	
For 20 Gauge, Add	67.07	
For 18 Gauge, Add	102.84	
For 16 Gauge, Add	125.20	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	66.18	
For Work In Restricted Working Space, Add	103.91	
23 31 13 16-0109 EA 22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow .....	485.22	100.93
For Seal Class B, Add	60.78	
For Seal Class A, Add	162.07	
For 24 Gauge, Add	16.01	
For 22 Gauge, Add	36.82	
For 20 Gauge, Add	60.04	
For 18 Gauge, Add	92.06	
For 16 Gauge, Add	112.07	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	59.24	
For Work In Restricted Working Space, Add	121.55	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0110	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	576.62	114.89
			<i>For Seal Class B, Add</i>	68.54	
			<i>For Seal Class A, Add</i>	182.76	
			<i>For 24 Gauge, Add</i>	23.94	
			<i>For 22 Gauge, Add</i>	55.07	
			<i>For 20 Gauge, Add</i>	89.79	
			<i>For 18 Gauge, Add</i>	137.68	
			<i>For 16 Gauge, Add</i>	167.61	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	88.59	
			<i>For Work In Restricted Working Space, Add</i>	137.07	
<b>23 31 13 16-0111</b>			<b>Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals (23 31 13 16-0074)</b>		
23 31 13 16-0112	EA		6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	144.13	27.92
			<i>For Seal Class B, Add</i>	16.95	
			<i>For Seal Class A, Add</i>	45.21	
			<i>For 24 Gauge, Add</i>	6.22	
			<i>For 22 Gauge, Add</i>	14.31	
			<i>For 20 Gauge, Add</i>	23.33	
			<i>For 18 Gauge, Add</i>	35.77	
			<i>For 16 Gauge, Add</i>	43.54	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	23.01	
			<i>For Work In Restricted Working Space, Add</i>	33.91	
23 31 13 16-0113	EA		8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	211.55	45.10
			<i>For Seal Class B, Add</i>	26.84	
			<i>For Seal Class A, Add</i>	71.58	
			<i>For 24 Gauge, Add</i>	6.52	
			<i>For 22 Gauge, Add</i>	15.00	
			<i>For 20 Gauge, Add</i>	24.45	
			<i>For 18 Gauge, Add</i>	37.49	
			<i>For 16 Gauge, Add</i>	45.64	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.12	
			<i>For Work In Restricted Working Space, Add</i>	53.69	
23 31 13 16-0114	EA		10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	266.70	57.98
			<i>For Seal Class B, Add</i>	34.64	
			<i>For Seal Class A, Add</i>	92.36	
			<i>For 24 Gauge, Add</i>	7.16	
			<i>For 22 Gauge, Add</i>	16.46	
			<i>For 20 Gauge, Add</i>	26.84	
			<i>For 18 Gauge, Add</i>	41.16	
			<i>For 16 Gauge, Add</i>	50.11	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.48	
			<i>For Work In Restricted Working Space, Add</i>	69.27	
23 31 13 16-0115	EA		12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	323.71	71.94
			<i>For Seal Class B, Add</i>	42.95	
			<i>For Seal Class A, Add</i>	114.53	
			<i>For 24 Gauge, Add</i>	7.48	
			<i>For 22 Gauge, Add</i>	17.20	
			<i>For 20 Gauge, Add</i>	28.04	
			<i>For 18 Gauge, Add</i>	43.00	
			<i>For 16 Gauge, Add</i>	52.35	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	27.67	
			<i>For Work In Restricted Working Space, Add</i>	85.90	
23 31 13 16-0116	EA		14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	384.97	86.97
			<i>For Seal Class B, Add</i>	51.95	
			<i>For Seal Class A, Add</i>	138.54	
			<i>For 24 Gauge, Add</i>	7.72	
			<i>For 22 Gauge, Add</i>	17.76	
			<i>For 20 Gauge, Add</i>	28.96	
			<i>For 18 Gauge, Add</i>	44.40	
			<i>For 16 Gauge, Add</i>	54.05	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	28.57	
			<i>For Work In Restricted Working Space, Add</i>	103.91	
23 31 13 16-0117	EA		16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	447.16	100.93
			<i>For Seal Class B, Add</i>	60.78	
			<i>For Seal Class A, Add</i>	162.07	
			<i>For 24 Gauge, Add</i>	8.40	
			<i>For 22 Gauge, Add</i>	19.32	
			<i>For 20 Gauge, Add</i>	31.49	
			<i>For 18 Gauge, Add</i>	48.29	
			<i>For 16 Gauge, Add</i>	58.79	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	31.07	
			<i>For Work In Restricted Working Space, Add</i>	121.55	
23 31 13 16-0118	EA		18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	500.58	114.89
			<i>For Seal Class B, Add</i>	68.54	
			<i>For Seal Class A, Add</i>	182.76	
			<i>For 24 Gauge, Add</i>	8.74	
			<i>For 22 Gauge, Add</i>	20.09	
			<i>For 20 Gauge, Add</i>	32.76	
			<i>For 18 Gauge, Add</i>	50.23	
			<i>For 16 Gauge, Add</i>	61.15	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.32	
			<i>For Work In Restricted Working Space, Add</i>	137.07	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0119 EA 20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	569.04	130.99
For Seal Class B, Add	78.56	
For Seal Class A, Add	209.50	
For 24 Gauge, Add	9.06	
For 22 Gauge, Add	20.83	
For 20 Gauge, Add	33.96	
For 18 Gauge, Add	52.07	
For 16 Gauge, Add	63.39	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	33.51	
For Work In Restricted Working Space, Add	157.13	
23 31 13 16-0120 EA 22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	634.87	144.96
For Seal Class B, Add	87.06	
For Seal Class A, Add	232.15	
For 24 Gauge, Add	10.90	
For 22 Gauge, Add	25.07	
For 20 Gauge, Add	40.87	
For 18 Gauge, Add	62.66	
For 16 Gauge, Add	76.29	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.32	
For Work In Restricted Working Space, Add	174.11	
23 31 13 16-0121 EA 24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	687.87	157.84
For Seal Class B, Add	94.74	
For Seal Class A, Add	252.64	
For 24 Gauge, Add	11.25	
For 22 Gauge, Add	25.88	
For 20 Gauge, Add	42.20	
For 18 Gauge, Add	64.71	
For 16 Gauge, Add	78.78	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	41.64	
For Work In Restricted Working Space, Add	189.48	
23 31 13 16-0122 EA 8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	222.05	48.64
For Seal Class B, Add	29.20	
For Seal Class A, Add	77.86	
For 24 Gauge, Add	5.48	
For 22 Gauge, Add	12.60	
For 20 Gauge, Add	20.54	
For 18 Gauge, Add	31.50	
For 16 Gauge, Add	38.35	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.27	
For Work In Restricted Working Space, Add	58.40	
23 31 13 16-0123 EA 10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	268.61	58.52
For Seal Class B, Add	35.10	
For Seal Class A, Add	93.61	
For 24 Gauge, Add	6.92	
For 22 Gauge, Add	15.91	
For 20 Gauge, Add	25.94	
For 18 Gauge, Add	39.77	
For 16 Gauge, Add	48.41	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	25.59	
For Work In Restricted Working Space, Add	70.21	
23 31 13 16-0124 EA 12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	326.33	71.08
For Seal Class B, Add	42.65	
For Seal Class A, Add	113.74	
For 24 Gauge, Add	8.40	
For 22 Gauge, Add	19.31	
For 20 Gauge, Add	31.49	
For 18 Gauge, Add	48.28	
For 16 Gauge, Add	58.77	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	31.07	
For Work In Restricted Working Space, Add	85.31	
23 31 13 16-0125 EA 14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	388.47	84.50
For Seal Class B, Add	50.77	
For Seal Class A, Add	135.40	
For 24 Gauge, Add	10.00	
For 22 Gauge, Add	22.99	
For 20 Gauge, Add	37.49	
For 18 Gauge, Add	57.48	
For 16 Gauge, Add	69.97	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	36.99	
For Work In Restricted Working Space, Add	101.55	
23 31 13 16-0126 EA 16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	492.29	108.66
For Seal Class B, Add	65.15	
For Seal Class A, Add	173.74	
For 24 Gauge, Add	11.59	
For 22 Gauge, Add	26.65	
For 20 Gauge, Add	43.46	
For 18 Gauge, Add	66.63	
For 16 Gauge, Add	81.12	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	42.88	
For Work In Restricted Working Space, Add	130.31	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0127	EA		18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	546.85	120.58
			<i>For Seal Class B, Add</i>	72.29	
			<i>For Seal Class A, Add</i>	192.77	
			<i>For 24 Gauge, Add</i>	12.99	
			<i>For 22 Gauge, Add</i>	29.87	
			<i>For 20 Gauge, Add</i>	48.70	
			<i>For 18 Gauge, Add</i>	74.67	
			<i>For 16 Gauge, Add</i>	90.90	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	48.05	
			<i>For Work In Restricted Working Space, Add</i>	144.58	
23 31 13 16-0128	EA		20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	621.72	137.22
			<i>For Seal Class B, Add</i>	82.17	
			<i>For Seal Class A, Add</i>	219.12	
			<i>For 24 Gauge, Add</i>	14.78	
			<i>For 22 Gauge, Add</i>	34.00	
			<i>For 20 Gauge, Add</i>	55.43	
			<i>For 18 Gauge, Add</i>	85.00	
			<i>For 16 Gauge, Add</i>	103.47	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.69	
			<i>For Work In Restricted Working Space, Add</i>	164.34	
23 31 13 16-0129	EA		22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	667.19	146.35
			<i>For Seal Class B, Add</i>	87.72	
			<i>For Seal Class A, Add</i>	233.93	
			<i>For 24 Gauge, Add</i>	16.47	
			<i>For 22 Gauge, Add</i>	37.89	
			<i>For 20 Gauge, Add</i>	61.78	
			<i>For 18 Gauge, Add</i>	94.73	
			<i>For 16 Gauge, Add</i>	115.32	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	60.95	
			<i>For Work In Restricted Working Space, Add</i>	175.45	
23 31 13 16-0130	EA		24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	723.84	158.70
			<i>For Seal Class B, Add</i>	95.19	
			<i>For Seal Class A, Add</i>	253.83	
			<i>For 24 Gauge, Add</i>	17.85	
			<i>For 22 Gauge, Add</i>	41.06	
			<i>For 20 Gauge, Add</i>	66.95	
			<i>For 18 Gauge, Add</i>	102.65	
			<i>For 16 Gauge, Add</i>	124.96	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	66.05	
			<i>For Work In Restricted Working Space, Add</i>	190.37	
23 31 13 16-0131	EA		10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	293.79	64.42
			<i>For Seal Class B, Add</i>	38.61	
			<i>For Seal Class A, Add</i>	102.95	
			<i>For 24 Gauge, Add</i>	7.28	
			<i>For 22 Gauge, Add</i>	16.75	
			<i>For 20 Gauge, Add</i>	27.32	
			<i>For 18 Gauge, Add</i>	41.88	
			<i>For 16 Gauge, Add</i>	50.99	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.95	
			<i>For Work In Restricted Working Space, Add</i>	77.21	
23 31 13 16-0132	EA		12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	357.02	78.38
			<i>For Seal Class B, Add</i>	46.93	
			<i>For Seal Class A, Add</i>	125.14	
			<i>For 24 Gauge, Add</i>	8.83	
			<i>For 22 Gauge, Add</i>	20.32	
			<i>For 20 Gauge, Add</i>	33.13	
			<i>For 18 Gauge, Add</i>	50.80	
			<i>For 16 Gauge, Add</i>	61.84	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.69	
			<i>For Work In Restricted Working Space, Add</i>	93.86	
23 31 13 16-0133	EA		14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	424.94	92.88
			<i>For Seal Class B, Add</i>	55.85	
			<i>For Seal Class A, Add</i>	148.92	
			<i>For 24 Gauge, Add</i>	10.53	
			<i>For 22 Gauge, Add</i>	24.21	
			<i>For 20 Gauge, Add</i>	39.48	
			<i>For 18 Gauge, Add</i>	60.54	
			<i>For 16 Gauge, Add</i>	73.70	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	38.95	
			<i>For Work In Restricted Working Space, Add</i>	111.69	
23 31 13 16-0134	EA		16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	493.26	108.23
			<i>For Seal Class B, Add</i>	64.84	
			<i>For Seal Class A, Add</i>	172.90	
			<i>For 24 Gauge, Add</i>	12.20	
			<i>For 22 Gauge, Add</i>	28.06	
			<i>For 20 Gauge, Add</i>	45.75	
			<i>For 18 Gauge, Add</i>	70.15	
			<i>For 16 Gauge, Add</i>	85.40	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	45.14	
			<i>For Work In Restricted Working Space, Add</i>	129.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0135 EA 18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	552.01	121.01
For Seal Class B, Add	72.55	
For Seal Class A, Add	193.46	
For 24 Gauge, Add	13.67	
For 22 Gauge, Add	31.44	
For 20 Gauge, Add	51.26	
For 18 Gauge, Add	78.60	
For 16 Gauge, Add	95.69	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	50.58	
For Work In Restricted Working Space, Add	145.10	
23 31 13 16-0136 EA 20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	627.84	137.65
For Seal Class B, Add	82.51	
For Seal Class A, Add	220.02	
For 24 Gauge, Add	15.56	
For 22 Gauge, Add	35.78	
For 20 Gauge, Add	58.34	
For 18 Gauge, Add	89.45	
For 16 Gauge, Add	108.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	57.56	
For Work In Restricted Working Space, Add	165.02	
23 31 13 16-0137 EA 22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	700.97	153.54
For Seal Class B, Add	92.14	
For Seal Class A, Add	245.70	
For 24 Gauge, Add	17.34	
For 22 Gauge, Add	39.89	
For 20 Gauge, Add	65.03	
For 18 Gauge, Add	99.72	
For 16 Gauge, Add	121.39	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	64.17	
For Work In Restricted Working Space, Add	184.28	
23 31 13 16-0138 EA 24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	760.03	166.64
For Seal Class B, Add	99.91	
For Seal Class A, Add	266.43	
For 24 Gauge, Add	18.79	
For 22 Gauge, Add	43.22	
For 20 Gauge, Add	70.46	
For 18 Gauge, Add	108.04	
For 16 Gauge, Add	131.53	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	69.52	
For Work In Restricted Working Space, Add	199.82	
<b>23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers <small>(23 31 13 16-0074)</small></b>		
23 31 13 16-0140 EA 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	97.07	21.47
For Seal Class B, Add	12.88	
For Seal Class A, Add	34.36	
For 24 Gauge, Add	2.24	
For 22 Gauge, Add	5.14	
For 20 Gauge, Add	8.39	
For 18 Gauge, Add	12.86	
For 16 Gauge, Add	15.65	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.27	
For Work In Restricted Working Space, Add	25.77	
23 31 13 16-0141 EA 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	125.34	27.92
For Seal Class B, Add	16.95	
For Seal Class A, Add	45.21	
For 24 Gauge, Add	2.46	
For 22 Gauge, Add	5.66	
For 20 Gauge, Add	9.23	
For 18 Gauge, Add	14.16	
For 16 Gauge, Add	17.23	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.11	
For Work In Restricted Working Space, Add	33.91	
23 31 13 16-0142 EA 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	156.78	35.44
For Seal Class B, Add	21.47	
For Seal Class A, Add	57.26	
For 24 Gauge, Add	2.72	
For 22 Gauge, Add	6.27	
For 20 Gauge, Add	10.22	
For 18 Gauge, Add	15.66	
For 16 Gauge, Add	19.07	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.08	
For Work In Restricted Working Space, Add	42.95	
23 31 13 16-0143 EA 12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	193.89	45.10
For Seal Class B, Add	26.84	
For Seal Class A, Add	71.58	
For 24 Gauge, Add	2.99	
For 22 Gauge, Add	6.87	
For 20 Gauge, Add	11.21	
For 18 Gauge, Add	17.18	
For 16 Gauge, Add	20.92	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.06	
For Work In Restricted Working Space, Add	53.69	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0144	EA		14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	211.85	49.39
			<i>For Seal Class B, Add</i>	29.28	
			<i>For Seal Class A, Add</i>	78.09	
			<i>For 24 Gauge, Add</i>	3.33	
			<i>For 22 Gauge, Add</i>	7.65	
			<i>For 20 Gauge, Add</i>	12.47	
			<i>For 18 Gauge, Add</i>	19.12	
			<i>For 16 Gauge, Add</i>	23.28	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	12.31	
			<i>For Work In Restricted Working Space, Add</i>	58.57	
23 31 13 16-0145	EA		16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	259.66	57.98
			<i>For Seal Class B, Add</i>	34.64	
			<i>For Seal Class A, Add</i>	92.36	
			<i>For 24 Gauge, Add</i>	5.75	
			<i>For 22 Gauge, Add</i>	13.23	
			<i>For 20 Gauge, Add</i>	21.56	
			<i>For 18 Gauge, Add</i>	33.06	
			<i>For 16 Gauge, Add</i>	40.25	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.28	
			<i>For Work In Restricted Working Space, Add</i>	69.27	
23 31 13 16-0146	EA		18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	317.04	71.94
			<i>For Seal Class B, Add</i>	42.95	
			<i>For Seal Class A, Add</i>	114.53	
			<i>For 24 Gauge, Add</i>	6.14	
			<i>For 22 Gauge, Add</i>	14.13	
			<i>For 20 Gauge, Add</i>	23.04	
			<i>For 18 Gauge, Add</i>	35.33	
			<i>For 16 Gauge, Add</i>	43.01	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.73	
			<i>For Work In Restricted Working Space, Add</i>	85.90	
23 31 13 16-0147	EA		20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	379.15	86.97
			<i>For Seal Class B, Add</i>	51.95	
			<i>For Seal Class A, Add</i>	138.54	
			<i>For 24 Gauge, Add</i>	6.56	
			<i>For 22 Gauge, Add</i>	15.08	
			<i>For 20 Gauge, Add</i>	24.59	
			<i>For 18 Gauge, Add</i>	37.71	
			<i>For 16 Gauge, Add</i>	45.91	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.26	
			<i>For Work In Restricted Working Space, Add</i>	103.91	
23 31 13 16-0148	EA		22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	440.02	100.93
			<i>For Seal Class B, Add</i>	60.78	
			<i>For Seal Class A, Add</i>	162.07	
			<i>For 24 Gauge, Add</i>	6.97	
			<i>For 22 Gauge, Add</i>	16.03	
			<i>For 20 Gauge, Add</i>	26.14	
			<i>For 18 Gauge, Add</i>	40.08	
			<i>For 16 Gauge, Add</i>	48.79	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.79	
			<i>For Work In Restricted Working Space, Add</i>	121.55	
23 31 13 16-0149	EA		24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	493.63	114.89
			<i>For Seal Class B, Add</i>	68.54	
			<i>For Seal Class A, Add</i>	182.76	
			<i>For 24 Gauge, Add</i>	7.35	
			<i>For 22 Gauge, Add</i>	16.90	
			<i>For 20 Gauge, Add</i>	27.55	
			<i>For 18 Gauge, Add</i>	42.24	
			<i>For 16 Gauge, Add</i>	51.42	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	27.18	
			<i>For Work In Restricted Working Space, Add</i>	137.07	
23 31 13 16-0150			<b>Slip Joint, Galvanized, Spiral Duct Couplings</b> <small>(23 31 13 16-0074)</small>		
23 31 13 16-0151	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	63.32	15.03
			<i>For Seal Class B, Add</i>	8.70	
			<i>For Seal Class A, Add</i>	23.21	
			<i>For 24 Gauge, Add</i>	1.06	
			<i>For 22 Gauge, Add</i>	2.43	
			<i>For 20 Gauge, Add</i>	3.97	
			<i>For 18 Gauge, Add</i>	6.08	
			<i>For 16 Gauge, Add</i>	7.41	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.91	
			<i>For Work In Restricted Working Space, Add</i>	17.41	
23 31 13 16-0152	EA		6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	91.90	21.47
			<i>For Seal Class B, Add</i>	12.88	
			<i>For Seal Class A, Add</i>	34.36	
			<i>For 24 Gauge, Add</i>	1.20	
			<i>For 22 Gauge, Add</i>	2.76	
			<i>For 20 Gauge, Add</i>	4.51	
			<i>For 18 Gauge, Add</i>	6.91	
			<i>For 16 Gauge, Add</i>	8.41	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.45	
			<i>For Work In Restricted Working Space, Add</i>	25.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0153 EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	119.51	27.92
For Seal Class B, Add	16.95	
For Seal Class A, Add	45.21	
For 24 Gauge, Add	1.30	
For 22 Gauge, Add	2.98	
For 20 Gauge, Add	4.86	
For 18 Gauge, Add	7.45	
For 16 Gauge, Add	9.07	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.80	
For Work In Restricted Working Space, Add	33.91	
23 31 13 16-0154 EA 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	150.11	35.44
For Seal Class B, Add	21.47	
For Seal Class A, Add	57.26	
For 24 Gauge, Add	1.39	
For 22 Gauge, Add	3.20	
For 20 Gauge, Add	5.21	
For 18 Gauge, Add	7.99	
For 16 Gauge, Add	9.73	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.14	
For Work In Restricted Working Space, Add	42.95	
23 31 13 16-0155 EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	186.37	45.10
For Seal Class B, Add	26.84	
For Seal Class A, Add	71.58	
For 24 Gauge, Add	1.48	
For 22 Gauge, Add	3.41	
For 20 Gauge, Add	5.57	
For 18 Gauge, Add	8.53	
For 16 Gauge, Add	10.39	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.49	
For Work In Restricted Working Space, Add	53.69	
23 31 13 16-0156 EA 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	203.11	49.39
For Seal Class B, Add	29.28	
For Seal Class A, Add	78.09	
For 24 Gauge, Add	1.58	
For 22 Gauge, Add	3.63	
For 20 Gauge, Add	5.92	
For 18 Gauge, Add	9.07	
For 16 Gauge, Add	11.05	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.84	
For Work In Restricted Working Space, Add	58.57	
23 31 13 16-0157 EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	239.65	57.98
For Seal Class B, Add	34.64	
For Seal Class A, Add	92.36	
For 24 Gauge, Add	1.75	
For 22 Gauge, Add	4.02	
For 20 Gauge, Add	6.56	
For 18 Gauge, Add	10.05	
For 16 Gauge, Add	12.24	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.47	
For Work In Restricted Working Space, Add	69.27	
23 31 13 16-0158 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	295.53	71.94
For Seal Class B, Add	42.95	
For Seal Class A, Add	114.53	
For 24 Gauge, Add	1.84	
For 22 Gauge, Add	4.24	
For 20 Gauge, Add	6.91	
For 18 Gauge, Add	10.59	
For 16 Gauge, Add	12.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.82	
For Work In Restricted Working Space, Add	85.90	
23 31 13 16-0159 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	356.13	86.97
For Seal Class B, Add	51.95	
For Seal Class A, Add	138.54	
For 24 Gauge, Add	1.95	
For 22 Gauge, Add	4.49	
For 20 Gauge, Add	7.33	
For 18 Gauge, Add	11.24	
For 16 Gauge, Add	13.68	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.23	
For Work In Restricted Working Space, Add	103.91	
23 31 13 16-0160 EA 22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	415.32	202.93
For Seal Class B, Add	60.78	
For Seal Class A, Add	162.07	
For 24 Gauge, Add	2.03	
For 22 Gauge, Add	4.67	
For 20 Gauge, Add	7.61	
For 18 Gauge, Add	11.67	
For 16 Gauge, Add	14.21	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.51	
For Work In Restricted Working Space, Add	121.55	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 31 HVAC Ducts and Casings**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0161	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	467.61	228.70
			<i>For Seal Class B, Add</i>	68.54	
			<i>For Seal Class A, Add</i>	182.76	
			<i>For 24 Gauge, Add</i>	2.14	
			<i>For 22 Gauge, Add</i>	4.93	
			<i>For 20 Gauge, Add</i>	8.03	
			<i>For 18 Gauge, Add</i>	12.32	
			<i>For 16 Gauge, Add</i>	14.99	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.93	
			<i>For Work In Restricted Working Space, Add</i>	137.07	
<b>23 31 13 16-0162</b>			<b>Slip Joint, Galvanized, Spiral Duct Caps</b> <small>(23 31 13 16-0074)</small>		
23 31 13 16-0163	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	35.22	15.03
			<i>For Seal Class B, Add</i>	4.35	
			<i>For Seal Class A, Add</i>	11.61	
			<i>For 24 Gauge, Add</i>	1.24	
			<i>For 22 Gauge, Add</i>	2.85	
			<i>For 20 Gauge, Add</i>	4.65	
			<i>For 18 Gauge, Add</i>	7.13	
			<i>For 16 Gauge, Add</i>	8.68	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.59	
			<i>For Work In Restricted Working Space, Add</i>	8.71	
23 31 13 16-0164	EA		6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	49.90	21.47
			<i>For Seal Class B, Add</i>	6.44	
			<i>For Seal Class A, Add</i>	17.18	
			<i>For 24 Gauge, Add</i>	1.39	
			<i>For 22 Gauge, Add</i>	3.20	
			<i>For 20 Gauge, Add</i>	5.21	
			<i>For 18 Gauge, Add</i>	7.99	
			<i>For 16 Gauge, Add</i>	9.73	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.14	
			<i>For Work In Restricted Working Space, Add</i>	12.89	
23 31 13 16-0165	EA		8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	64.12	28.99
			<i>For Seal Class B, Add</i>	8.48	
			<i>For Seal Class A, Add</i>	22.60	
			<i>For 24 Gauge, Add</i>	1.52	
			<i>For 22 Gauge, Add</i>	3.50	
			<i>For 20 Gauge, Add</i>	5.71	
			<i>For 18 Gauge, Add</i>	8.75	
			<i>For 16 Gauge, Add</i>	10.65	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.63	
			<i>For Work In Restricted Working Space, Add</i>	16.95	
23 31 13 16-0166	EA		10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	80.04	36.50
			<i>For Seal Class B, Add</i>	10.74	
			<i>For Seal Class A, Add</i>	28.64	
			<i>For 24 Gauge, Add</i>	1.69	
			<i>For 22 Gauge, Add</i>	3.89	
			<i>For 20 Gauge, Add</i>	6.34	
			<i>For 18 Gauge, Add</i>	9.72	
			<i>For 16 Gauge, Add</i>	11.83	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.25	
			<i>For Work In Restricted Working Space, Add</i>	21.48	
23 31 13 16-0167	EA		12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	98.87	45.10
			<i>For Seal Class B, Add</i>	13.42	
			<i>For Seal Class A, Add</i>	35.79	
			<i>For 24 Gauge, Add</i>	1.88	
			<i>For 22 Gauge, Add</i>	4.32	
			<i>For 20 Gauge, Add</i>	7.04	
			<i>For 18 Gauge, Add</i>	10.80	
			<i>For 16 Gauge, Add</i>	13.15	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.95	
			<i>For Work In Restricted Working Space, Add</i>	26.84	
23 31 13 16-0168	EA		14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	107.94	49.39
			<i>For Seal Class B, Add</i>	14.64	
			<i>For Seal Class A, Add</i>	39.04	
			<i>For 24 Gauge, Add</i>	2.07	
			<i>For 22 Gauge, Add</i>	4.75	
			<i>For 20 Gauge, Add</i>	7.75	
			<i>For 18 Gauge, Add</i>	11.88	
			<i>For 16 Gauge, Add</i>	14.46	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.64	
			<i>For Work In Restricted Working Space, Add</i>	29.28	
23 31 13 16-0169	EA		16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	124.96	56.91
			<i>For Seal Class B, Add</i>	16.95	
			<i>For Seal Class A, Add</i>	45.21	
			<i>For 24 Gauge, Add</i>	2.39	
			<i>For 22 Gauge, Add</i>	5.49	
			<i>For 20 Gauge, Add</i>	8.95	
			<i>For 18 Gauge, Add</i>	13.72	
			<i>For 16 Gauge, Add</i>	16.70	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.83	
			<i>For Work In Restricted Working Space, Add</i>	33.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0170 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	183.37	71.94
For Seal Class B, Add	21.47	
For Seal Class A, Add	57.26	
For 24 Gauge, Add	8.04	
For 22 Gauge, Add	18.50	
For 20 Gauge, Add	30.16	
For 18 Gauge, Add	46.24	
For 16 Gauge, Add	56.29	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.76	
For Work In Restricted Working Space, Add	42.95	
23 31 13 16-0171 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	222.54	89.12
For Seal Class B, Add	26.84	
For Seal Class A, Add	71.58	
For 24 Gauge, Add	8.72	
For 22 Gauge, Add	20.05	
For 20 Gauge, Add	32.69	
For 18 Gauge, Add	50.13	
For 16 Gauge, Add	61.03	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	32.26	
For Work In Restricted Working Space, Add	53.69	
23 31 13 16-0172 EA 22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	242.19	97.71
For Seal Class B, Add	29.28	
For Seal Class A, Add	78.09	
For 24 Gauge, Add	9.39	
For 22 Gauge, Add	21.61	
For 20 Gauge, Add	35.23	
For 18 Gauge, Add	54.02	
For 16 Gauge, Add	65.76	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	34.76	
For Work In Restricted Working Space, Add	58.57	
23 31 13 16-0173 EA 24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap .....	278.90	113.81
For Seal Class B, Add	34.27	
For Seal Class A, Add	91.38	
For 24 Gauge, Add	10.09	
For 22 Gauge, Add	23.21	
For 20 Gauge, Add	37.84	
For 18 Gauge, Add	58.02	
For 16 Gauge, Add	70.63	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	37.33	
For Work In Restricted Working Space, Add	68.54	
 <b>23 31 13 19 Metal Duct Fittings (23 31 13)</b>		
<b>23 31 13 19-0001 Sheet Metal Baffles (23 31 13 19)</b>		
23 31 13 19-0002 LF Sheet Metal Baffles Under Raised Floor.....	42.68	34.24
For Work In Restricted Working Space, Add	12.52	
For Elevated Installation >10' To 15', Add	4.17	
For Elevated Installation >15' To 20', Add	8.35	
For Elevated Installation >20' To 25', Add	10.43	
For Elevated Installation >25' To 30', Add	14.61	
For Elevated Installation >30' To 35', Add	16.69	
For Elevated Installation >35' To 40', Add	20.87	
For Elevated Installation >40', Add	22.95	
 <b>23 31 13 19-0003 Duct Register Boots (23 31 13 19)</b>		
23 31 13 19-0004 EA 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	38.28	14.54
For Stainless Steel, Add	11.95	
23 31 13 19-0005 EA 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	38.28	14.54
For Stainless Steel, Add	11.95	
23 31 13 19-0006 EA 12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	40.81	15.70
For Stainless Steel, Add	12.22	
23 31 13 19-0007 EA 12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	40.81	15.70
For Stainless Steel, Add	12.22	
23 31 13 19-0008 EA 12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	43.08	15.70
For Stainless Steel, Add	15.17	
23 31 13 19-0009 EA 14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	44.26	16.87
For Stainless Steel, Add	13.68	
23 31 13 19-0010 EA 14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	44.26	16.87
For Stainless Steel, Add	13.68	
23 31 13 19-0011 EA 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	45.67	16.87
For Stainless Steel, Add	15.51	
23 31 13 19-0012 EA 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	44.35	18.03
For Stainless Steel, Add	10.76	
23 31 13 19-0013 EA 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	46.91	19.20
For Stainless Steel, Add	11.08	
23 31 13 19-0014 EA 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	52.69	19.20
For Stainless Steel, Add	18.59	
23 31 13 19-0015 EA 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	49.75	20.36
For Stainless Steel, Add	11.74	
23 31 13 19-0016 EA 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	55.41	20.36
For Stainless Steel, Add	19.10	
23 31 13 19-0017 EA 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel.....	39.44	15.70
For Stainless Steel, Add	10.44	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0018	EA		12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	39.44	15.70
			<i>For Stainless Steel, Add</i>	10.44	
23 31 13 19-0019	EA		14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	42.69	16.87
			<i>For Stainless Steel, Add</i>	11.64	
23 31 13 19-0020	EA		14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel.....	44.04	16.87
			<i>For Stainless Steel, Add</i>	13.39	
23 31 13 19-0021	EA		10" x 4" x 6" Register Boot, Center, Galvanized Steel.....	44.53	18.03
			<i>For Stainless Steel, Add</i>	11.00	
23 31 13 19-0022	EA		12" x 4" x 6" Register Boot, Center, Galvanized Steel.....	47.07	19.20
			<i>For Stainless Steel, Add</i>	11.28	
23 31 13 19-0023	EA		12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	40.36	15.70
			<i>For Stainless Steel, Add</i>	11.64	
23 31 13 19-0024	EA		14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	43.24	16.87
			<i>For Stainless Steel, Add</i>	12.35	
23 31 13 19-0025	EA		10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	38.28	14.54
			<i>For Stainless Steel, Add</i>	11.95	
23 31 13 19-0026	EA		12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	40.81	15.70
			<i>For Stainless Steel, Add</i>	12.22	
23 31 13 19-0027	EA		14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel.....	44.26	16.87
			<i>For Stainless Steel, Add</i>	13.68	
23 31 13 19-0028	EA		14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	44.26	16.87
			<i>For Stainless Steel, Add</i>	13.68	
23 31 13 19-0029	EA		10" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	44.35	18.03
			<i>For Stainless Steel, Add</i>	10.76	
23 31 13 19-0030	EA		12" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	46.91	19.20
			<i>For Stainless Steel, Add</i>	11.08	
23 31 13 19-0031	EA		12" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	52.69	19.20
			<i>For Stainless Steel, Add</i>	18.59	
23 31 13 19-0032	EA		14" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	55.02	20.36
			<i>For Stainless Steel, Add</i>	18.59	

**23 31 13 23 Galvanized Steel Welded Duct (23 31 13)**

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

**23 31 13 23-0001 Welded Steel Ductwork (23 31 13 23)**

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

**23 31 13 23-0002 Galvanized Steel Welded Duct, For Kitchen (23 31 13 23-0001)**

Note: Also includes special exhaust systems and waste.

23 31 13 23-0003	LB		Galvanized Steel Welded Duct.....	24.71	10.38
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.89	
			<i>For Work In Restricted Working Space, Add</i>	6.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.16	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.20	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.28	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.41	
			<i>For Elevated Installation &gt;40', Add</i>	11.45	

**23 31 13 23-0004 Black Steel Ductwork (23 31 13 23-0001)**

23 31 13 23-0005	LB		Black Steel Ductwork.....	22.28	10.71
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	0.65	
			<i>For Work In Restricted Working Space, Add</i>	6.42	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.14	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.28	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.56	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.70	
			<i>For Elevated Installation &gt;40', Add</i>	11.77	

**23 31 16 Non-metal Ducts (23 31)****23 31 16 13 Fibrous-Glass Ducts (23 31 16)****23 31 16 13-0001 Glass Fiber Duct Board (23 31 16 13)**

Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.

23 31 16 13-0002	SF		1" Glass Fiber Duct Board (EI-475).....	10.90	2.14
23 31 16 13-0003	SF		1-1/2" Glass Fiber Duct Board (EI-800).....	12.94	2.36
23 31 16 13-0004	SF		2" Glass Fiber Duct Board (EI-800).....	15.05	2.59

**23 31 16 16 Thermoset Fiberglass-Reinforced Plastic Ducts (23 31 16)****23 31 16 16-0001 Fiber Reinforced Round Plastic Duct (23 31 16 16)****23 31 16 16-0002 Fiber Reinforced Round Plastic Duct (23 31 16 16-0001)**

23 31 16 16-0003	LF		2" Fiber Reinforced Plastic Duct.....	18.62	5.61
23 31 16 16-0004	LF		3" Fiber Reinforced Plastic Duct.....	23.41	6.57
23 31 16 16-0005	LF		4" Fiber Reinforced Plastic Duct.....	31.60	9.64



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0006	LF		6" Fiber Reinforced Plastic Duct.....	42.03	12.18
23 31 16 16-0007	LF		8" Fiber Reinforced Plastic Duct.....	53.31	15.25
23 31 16 16-0008	LF		10" Fiber Reinforced Plastic Duct.....	64.31	18.33
23 31 16 16-0009	LF		12" Fiber Reinforced Plastic Duct.....	72.21	21.40
23 31 16 16-0010	LF		14" Fiber Reinforced Plastic Duct.....	82.64	23.41
23 31 16 16-0011	LF		16" Fiber Reinforced Plastic Duct.....	89.42	24.90
23 31 16 16-0012	LF		18" Fiber Reinforced Plastic Duct.....	111.96	27.98
23 31 16 16-0013	LF		20" Fiber Reinforced Plastic Duct.....	117.60	29.98
23 31 16 16-0014	LF		24" Fiber Reinforced Plastic Duct.....	146.34	32.00
23 31 16 16-0015	LF		30" Fiber Reinforced Plastic Duct.....	167.49	37.08
23 31 16 16-0016	LF		36" Fiber Reinforced Plastic Duct.....	192.88	44.71
23 31 16 16-0017	LF		42" Fiber Reinforced Plastic Duct.....	260.49	49.80
23 31 16 16-0018	LF		48" Fiber Reinforced Plastic Duct.....	291.79	55.94
23 31 16 16-0019	LF		54" Fiber Reinforced Plastic Duct.....	323.67	64.10
23 31 16 16-0020	LF		60" Fiber Reinforced Plastic Duct.....	366.81	74.80
23 31 16 16-0021	LF		66" Fiber Reinforced Plastic Duct.....	390.55	91.54
23 31 16 16-0022	LF		72" Fiber Reinforced Plastic Duct.....	476.56	111.88
<b>23 31 16 16-0023 Fiber Reinforced Plastic Bell (23 31 16 16-0001)</b>					
23 31 16 16-0024	EA		2" Fiber Reinforced Plastic Bell.....	63.01	22.78
23 31 16 16-0025	EA		3" Fiber Reinforced Plastic Bell.....	75.85	27.02
23 31 16 16-0026	EA		4" Fiber Reinforced Plastic Bell.....	87.56	31.78
23 31 16 16-0027	EA		6" Fiber Reinforced Plastic Bell.....	115.30	42.38
23 31 16 16-0028	EA		8" Fiber Reinforced Plastic Bell.....	140.85	52.98
23 31 16 16-0029	EA		10" Fiber Reinforced Plastic Bell.....	164.23	63.57
23 31 16 16-0030	EA		12" Fiber Reinforced Plastic Bell.....	203.67	78.93
23 31 16 16-0031	EA		14" Fiber Reinforced Plastic Bell.....	217.57	84.76
23 31 16 16-0032	EA		16" Fiber Reinforced Plastic Bell.....	235.70	90.59
23 31 16 16-0033	EA		18" Fiber Reinforced Plastic Bell.....	253.85	97.48
23 31 16 16-0034	EA		20" Fiber Reinforced Plastic Bell.....	277.34	105.95
23 31 16 16-0035	EA		24" Fiber Reinforced Plastic Bell.....	320.34	116.55
23 31 16 16-0036	EA		30" Fiber Reinforced Plastic Bell.....	369.89	127.15
23 31 16 16-0037	EA		36" Fiber Reinforced Plastic Bell.....	419.14	143.03
23 31 16 16-0038	EA		42" Fiber Reinforced Plastic Bell.....	468.38	158.93
23 31 16 16-0039	EA		48" Fiber Reinforced Plastic Bell.....	517.60	174.82
23 31 16 16-0040	EA		54" Fiber Reinforced Plastic Bell.....	641.93	211.90
23 31 16 16-0041	EA		60" Fiber Reinforced Plastic Bell.....	769.70	264.88
23 31 16 16-0042	EA		66" Fiber Reinforced Plastic Bell.....	923.58	317.86
23 31 16 16-0043	EA		72" Fiber Reinforced Plastic Bell.....	1,056.48	360.24
<b>23 31 16 16-0044 Fiber Reinforced Plastic Flange (23 31 16 16-0001)</b>					
23 31 16 16-0045	EA		2" Fiber Reinforced Plastic Flange.....	97.91	22.78
23 31 16 16-0046	EA		3" Fiber Reinforced Plastic Flange.....	112.93	27.02
23 31 16 16-0047	EA		4" Fiber Reinforced Plastic Flange.....	129.01	31.78
23 31 16 16-0048	EA		6" Fiber Reinforced Plastic Flange.....	167.65	42.38
23 31 16 16-0049	EA		8" Fiber Reinforced Plastic Flange.....	204.11	52.98
23 31 16 16-0050	EA		10" Fiber Reinforced Plastic Flange.....	240.57	63.57
23 31 16 16-0051	EA		12" Fiber Reinforced Plastic Flange.....	284.37	78.93
23 31 16 16-0052	EA		14" Fiber Reinforced Plastic Flange.....	315.72	84.76
23 31 16 16-0053	EA		16" Fiber Reinforced Plastic Flange.....	344.76	90.59
23 31 16 16-0054	EA		18" Fiber Reinforced Plastic Flange.....	367.28	97.48
23 31 16 16-0055	EA		20" Fiber Reinforced Plastic Flange.....	386.40	105.95
23 31 16 16-0056	EA		24" Fiber Reinforced Plastic Flange.....	451.21	116.55
23 31 16 16-0057	EA		30" Fiber Reinforced Plastic Flange.....	496.40	127.15
23 31 16 16-0058	EA		36" Fiber Reinforced Plastic Flange.....	608.90	143.03
23 31 16 16-0059	EA		42" Fiber Reinforced Plastic Flange.....	677.77	158.93
23 31 16 16-0060	EA		48" Fiber Reinforced Plastic Flange.....	768.44	174.82
23 31 16 16-0061	EA		54" Fiber Reinforced Plastic Flange.....	903.68	211.90
23 31 16 16-0062	EA		60" Fiber Reinforced Plastic Flange.....	1,081.61	264.88
23 31 16 16-0063	EA		66" Fiber Reinforced Plastic Flange.....	1,259.49	317.86
23 31 16 16-0064	EA		72" Fiber Reinforced Plastic Flange.....	1,440.38	360.24
<b>23 31 16 16-0065 Fiber Reinforced Plastic 90 Degree Elbow (23 31 16 16-0001)</b>					
23 31 16 16-0066	EA		2" Fiber Reinforced Plastic 90 Degree Elbow.....	163.52	54.88
23 31 16 16-0067	EA		3" Fiber Reinforced Plastic 90 Degree Elbow.....	192.24	65.58
23 31 16 16-0068	EA		4" Fiber Reinforced Plastic 90 Degree Elbow.....	223.11	76.28
23 31 16 16-0069	EA		6" Fiber Reinforced Plastic 90 Degree Elbow.....	289.50	101.72
23 31 16 16-0070	EA		8" Fiber Reinforced Plastic 90 Degree Elbow.....	355.86	127.15
23 31 16 16-0071	EA		10" Fiber Reinforced Plastic 90 Degree Elbow.....	422.26	152.57
23 31 16 16-0072	EA		12" Fiber Reinforced Plastic 90 Degree Elbow.....	519.06	189.76
23 31 16 16-0073	EA		14" Fiber Reinforced Plastic 90 Degree Elbow.....	585.67	200.89
23 31 16 16-0074	EA		16" Fiber Reinforced Plastic 90 Degree Elbow.....	664.66	218.16
23 31 16 16-0075	EA		18" Fiber Reinforced Plastic 90 Degree Elbow.....	786.92	233.94
23 31 16 16-0076	EA		20" Fiber Reinforced Plastic 90 Degree Elbow.....	903.75	254.28
23 31 16 16-0077	EA		24" Fiber Reinforced Plastic 90 Degree Elbow.....	1,044.28	279.72
23 31 16 16-0078	EA		30" Fiber Reinforced Plastic 90 Degree Elbow.....	1,392.01	305.15
23 31 16 16-0079	EA		36" Fiber Reinforced Plastic 90 Degree Elbow.....	1,771.91	343.29
23 31 16 16-0080	EA		42" Fiber Reinforced Plastic 90 Degree Elbow.....	2,315.37	381.54

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 31 16 16-0081	EA		48" Fiber Reinforced Plastic 90 Degree Elbow .....	2,738.91	419.68
23 31 16 16-0082	EA		54" Fiber Reinforced Plastic 90 Degree Elbow .....	3,246.98	508.58
23 31 16 16-0083	EA		60" Fiber Reinforced Plastic 90 Degree Elbow .....	3,938.76	635.71
23 31 16 16-0084	EA		66" Fiber Reinforced Plastic 90 Degree Elbow .....	4,630.13	762.65
23 31 16 16-0085	EA		72" Fiber Reinforced Plastic 90 Degree Elbow .....	5,279.34	864.26

**23 31 16 16-0086 Fiber Reinforced Plastic 45 Degree Elbow (23 31 16 16-0001)**

23 31 16 16-0087	EA		2" Fiber Reinforced Plastic 45 Degree Elbow .....	139.52	54.88
23 31 16 16-0088	EA		3" Fiber Reinforced Plastic 45 Degree Elbow .....	163.88	65.58
23 31 16 16-0089	EA		4" Fiber Reinforced Plastic 45 Degree Elbow .....	190.38	76.28
23 31 16 16-0090	EA		6" Fiber Reinforced Plastic 45 Degree Elbow .....	241.51	101.72
23 31 16 16-0091	EA		8" Fiber Reinforced Plastic 45 Degree Elbow .....	292.61	127.15
23 31 16 16-0092	EA		10" Fiber Reinforced Plastic 45 Degree Elbow .....	348.16	152.57
23 31 16 16-0093	EA		12" Fiber Reinforced Plastic 45 Degree Elbow .....	429.70	189.76
23 31 16 16-0094	EA		14" Fiber Reinforced Plastic 45 Degree Elbow .....	465.62	200.89
23 31 16 16-0095	EA		16" Fiber Reinforced Plastic 45 Degree Elbow .....	551.04	218.05
23 31 16 16-0096	EA		18" Fiber Reinforced Plastic 45 Degree Elbow .....	630.16	234.15
23 31 16 16-0097	EA		20" Fiber Reinforced Plastic 45 Degree Elbow .....	724.82	254.28
23 31 16 16-0098	EA		24" Fiber Reinforced Plastic 45 Degree Elbow .....	832.22	279.50
23 31 16 16-0099	EA		30" Fiber Reinforced Plastic 45 Degree Elbow .....	1,042.61	304.94
23 31 16 16-0100	EA		36" Fiber Reinforced Plastic 45 Degree Elbow .....	1,268.54	343.60
23 31 16 16-0101	EA		42" Fiber Reinforced Plastic 45 Degree Elbow .....	1,602.57	381.75
23 31 16 16-0102	EA		48" Fiber Reinforced Plastic 45 Degree Elbow .....	1,877.32	419.68
23 31 16 16-0103	EA		54" Fiber Reinforced Plastic 45 Degree Elbow .....	2,239.25	508.58
23 31 16 16-0104	EA		60" Fiber Reinforced Plastic 45 Degree Elbow .....	2,691.09	635.71
23 31 16 16-0105	EA		66" Fiber Reinforced Plastic 45 Degree Elbow .....	3,166.27	761.17
23 31 16 16-0106	EA		72" Fiber Reinforced Plastic 45 Degree Elbow .....	3,579.55	865.10

**23 31 16 16-0107 Fiber Reinforced Plastic Tee (23 31 16 16-0001)**

23 31 16 16-0108	EA		2" Fiber Reinforced Plastic Tee .....	212.81	81.90
23 31 16 16-0109	EA		3" Fiber Reinforced Plastic Tee .....	251.68	98.65
23 31 16 16-0110	EA		4" Fiber Reinforced Plastic Tee .....	288.87	114.43
23 31 16 16-0111	EA		6" Fiber Reinforced Plastic Tee .....	374.27	152.57
23 31 16 16-0112	EA		8" Fiber Reinforced Plastic Tee .....	457.98	189.76
23 31 16 16-0113	EA		10" Fiber Reinforced Plastic Tee .....	546.70	229.91
23 31 16 16-0114	EA		12" Fiber Reinforced Plastic Tee .....	660.77	278.65
23 31 16 16-0115	EA		14" Fiber Reinforced Plastic Tee .....	720.74	301.54
23 31 16 16-0116	EA		16" Fiber Reinforced Plastic Tee .....	829.48	327.60
23 31 16 16-0117	EA		18" Fiber Reinforced Plastic Tee .....	933.86	350.91
23 31 16 16-0118	EA		20" Fiber Reinforced Plastic Tee .....	1,072.07	381.54
23 31 16 16-0119	EA		24" Fiber Reinforced Plastic Tee .....	1,222.95	419.68
23 31 16 16-0120	EA		30" Fiber Reinforced Plastic Tee .....	1,449.78	457.61
23 31 16 16-0121	EA		36" Fiber Reinforced Plastic Tee .....	1,731.11	515.14
23 31 16 16-0122	EA		42" Fiber Reinforced Plastic Tee .....	2,262.59	572.36
23 31 16 16-0123	EA		48" Fiber Reinforced Plastic Tee .....	2,685.38	629.68
23 31 16 16-0124	EA		54" Fiber Reinforced Plastic Tee .....	3,235.37	763.39
23 31 16 16-0125	EA		60" Fiber Reinforced Plastic Tee .....	3,880.23	954.00
23 31 16 16-0126	EA		66" Fiber Reinforced Plastic Tee .....	4,524.49	1,144.19
23 31 16 16-0127	EA		72" Fiber Reinforced Plastic Tee .....	5,106.97	1,297.40

**23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)**

23 31 16 16-0129	EA		2" Fiber Reinforced Plastic Lateral Joint .....	180.08	81.90
23 31 16 16-0130	EA		3" Fiber Reinforced Plastic Lateral Joint .....	212.39	98.65
23 31 16 16-0131	EA		4" Fiber Reinforced Plastic Lateral Joint .....	243.10	114.43
23 31 16 16-0132	EA		6" Fiber Reinforced Plastic Lateral Joint .....	311.08	152.57
23 31 16 16-0133	EA		8" Fiber Reinforced Plastic Lateral Joint .....	377.35	189.76
23 31 16 16-0134	EA		10" Fiber Reinforced Plastic Lateral Joint .....	452.96	229.91
23 31 16 16-0135	EA		12" Fiber Reinforced Plastic Lateral Joint .....	543.22	278.86
23 31 16 16-0136	EA		14" Fiber Reinforced Plastic Lateral Joint .....	589.40	301.33
23 31 16 16-0137	EA		16" Fiber Reinforced Plastic Lateral Joint .....	646.49	327.71
23 31 16 16-0138	EA		18" Fiber Reinforced Plastic Lateral Joint .....	698.79	351.24
23 31 16 16-0139	EA		20" Fiber Reinforced Plastic Lateral Joint .....	762.79	381.75
23 31 16 16-0140	EA		24" Fiber Reinforced Plastic Lateral Joint .....	843.41	419.68
23 31 16 16-0141	EA		30" Fiber Reinforced Plastic Lateral Joint .....	930.22	457.40
23 31 16 16-0142	EA		36" Fiber Reinforced Plastic Lateral Joint .....	1,050.01	514.82
23 31 16 16-0143	EA		42" Fiber Reinforced Plastic Lateral Joint .....	1,172.65	572.68
23 31 16 16-0144	EA		48" Fiber Reinforced Plastic Lateral Joint .....	1,288.98	629.47
23 31 16 16-0145	EA		54" Fiber Reinforced Plastic Lateral Joint .....	1,541.25	761.17
23 31 16 16-0146	EA		60" Fiber Reinforced Plastic Lateral Joint .....	1,887.26	955.69
23 31 16 16-0147	EA		66" Fiber Reinforced Plastic Lateral Joint .....	2,279.18	1,145.03
23 31 16 16-0148	EA		72" Fiber Reinforced Plastic Lateral Joint .....	2,554.92	1,297.40

**23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)**

23 31 16 16-0150	EA		2" Fiber Reinforced Plastic One Piece Reducer .....	148.28	54.99
23 31 16 16-0151	EA		3" Fiber Reinforced Plastic One Piece Reducer .....	174.84	65.69
23 31 16 16-0152	EA		4" Fiber Reinforced Plastic One Piece Reducer .....	205.72	76.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0153 EA 6" Fiber Reinforced Plastic One Piece Reducer .....	265.50	101.72
23 31 16 16-0154 EA 8" Fiber Reinforced Plastic One Piece Reducer .....	320.96	127.15
23 31 16 16-0155 EA 10" Fiber Reinforced Plastic One Piece Reducer .....	386.18	153.21
23 31 16 16-0156 EA 12" Fiber Reinforced Plastic One Piece Reducer .....	460.24	189.76
23 31 16 16-0157 EA 14" Fiber Reinforced Plastic One Piece Reducer .....	491.80	200.89
23 31 16 16-0158 EA 16" Fiber Reinforced Plastic One Piece Reducer .....	542.31	218.05
23 31 16 16-0159 EA 18" Fiber Reinforced Plastic One Piece Reducer .....	595.26	234.15
23 31 16 16-0160 EA 20" Fiber Reinforced Plastic One Piece Reducer .....	663.75	254.28
23 31 16 16-0161 EA 24" Fiber Reinforced Plastic One Piece Reducer .....	754.67	280.03
23 31 16 16-0162 EA 30" Fiber Reinforced Plastic One Piece Reducer .....	845.30	305.67
23 31 16 16-0163 EA 36" Fiber Reinforced Plastic One Piece Reducer .....	956.62	343.60
23 31 16 16-0164 EA 42" Fiber Reinforced Plastic One Piece Reducer .....	1,068.17	381.75
23 31 16 16-0165 EA 48" Fiber Reinforced Plastic One Piece Reducer .....	1,201.14	419.68
23 31 16 16-0166 EA 54" Fiber Reinforced Plastic One Piece Reducer .....	1,425.65	508.58
23 31 16 16-0167 EA 60" Fiber Reinforced Plastic One Piece Reducer .....	1,707.35	635.71
23 31 16 16-0168 EA 66" Fiber Reinforced Plastic One Piece Reducer .....	1,922.96	761.17
23 31 16 16-0169 EA 72" Fiber Reinforced Plastic One Piece Reducer .....	2,161.74	865.10
<b>23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer (23 31 16 16-0001)</b>		
23 31 16 16-0171 EA 2" Fiber Reinforced Plastic Two Piece Reducer .....	174.46	54.99
23 31 16 16-0172 EA 3" Fiber Reinforced Plastic Two Piece Reducer .....	192.29	65.69
23 31 16 16-0173 EA 4" Fiber Reinforced Plastic Two Piece Reducer .....	223.17	76.28
23 31 16 16-0174 EA 6" Fiber Reinforced Plastic Two Piece Reducer .....	289.50	101.72
23 31 16 16-0175 EA 8" Fiber Reinforced Plastic Two Piece Reducer .....	355.86	127.15
23 31 16 16-0176 EA 10" Fiber Reinforced Plastic Two Piece Reducer .....	423.27	153.21
23 31 16 16-0177 EA 12" Fiber Reinforced Plastic Two Piece Reducer .....	508.23	189.76
23 31 16 16-0178 EA 14" Fiber Reinforced Plastic Two Piece Reducer .....	552.87	200.89
23 31 16 16-0179 EA 16" Fiber Reinforced Plastic Two Piece Reducer .....	603.39	218.05
23 31 16 16-0180 EA 18" Fiber Reinforced Plastic Two Piece Reducer .....	678.14	234.15
23 31 16 16-0181 EA 20" Fiber Reinforced Plastic Two Piece Reducer .....	846.97	254.28
23 31 16 16-0182 EA 24" Fiber Reinforced Plastic Two Piece Reducer .....	1,022.97	280.03
23 31 16 16-0183 EA 30" Fiber Reinforced Plastic Two Piece Reducer .....	1,098.32	305.67
23 31 16 16-0184 EA 36" Fiber Reinforced Plastic Two Piece Reducer .....	1,248.90	343.60
23 31 16 16-0185 EA 42" Fiber Reinforced Plastic Two Piece Reducer .....	1,356.09	381.75
23 31 16 16-0186 EA 48" Fiber Reinforced Plastic Two Piece Reducer .....	1,484.70	419.68
23 31 16 16-0187 EA 54" Fiber Reinforced Plastic Two Piece Reducer .....	1,654.68	508.58
23 31 16 16-0188 EA 60" Fiber Reinforced Plastic Two Piece Reducer .....	1,923.29	635.71
23 31 16 16-0189 EA 66" Fiber Reinforced Plastic Two Piece Reducer .....	2,162.90	761.17
23 31 16 16-0190 EA 72" Fiber Reinforced Plastic Two Piece Reducer .....	2,379.86	865.10
<b>23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers (23 31 16 16-0001)</b>		
23 31 16 16-0192 EA 2" Fiber Reinforced Plastic Damper .....	448.26	54.88
23 31 16 16-0193 EA 3" Fiber Reinforced Plastic Damper .....	503.64	65.58
23 31 16 16-0194 EA 4" Fiber Reinforced Plastic Damper .....	558.98	76.28
23 31 16 16-0195 EA 6" Fiber Reinforced Plastic Damper .....	657.70	101.72
23 31 16 16-0196 EA 8" Fiber Reinforced Plastic Damper .....	775.17	127.15
23 31 16 16-0197 EA 10" Fiber Reinforced Plastic Damper .....	873.90	152.57
23 31 16 16-0198 EA 12" Fiber Reinforced Plastic Damper .....	992.13	189.76
23 31 16 16-0199 EA 14" Fiber Reinforced Plastic Damper .....	1,104.64	200.89
23 31 16 16-0200 EA 16" Fiber Reinforced Plastic Damper .....	1,227.34	218.16
23 31 16 16-0201 EA 18" Fiber Reinforced Plastic Damper .....	1,347.50	233.94
23 31 16 16-0202 EA 20" Fiber Reinforced Plastic Damper .....	1,437.77	254.28
23 31 16 16-0203 EA 24" Fiber Reinforced Plastic Damper .....	1,630.35	279.72
23 31 16 16-0204 EA 30" Fiber Reinforced Plastic Damper .....	1,898.02	305.15
23 31 16 16-0205 EA 36" Fiber Reinforced Plastic Damper .....	2,186.95	343.29
23 31 16 16-0206 EA 42" Fiber Reinforced Plastic Damper .....	2,513.40	381.54
23 31 16 16-0207 EA 48" Fiber Reinforced Plastic Damper .....	2,802.34	419.68
23 31 16 16-0208 EA 54" Fiber Reinforced Plastic Damper .....	3,288.47	508.58
23 31 16 16-0209 EA 60" Fiber Reinforced Plastic Damper .....	3,838.34	635.71
23 31 16 16-0210 EA 66" Fiber Reinforced Plastic Damper .....	4,350.25	762.65
23 31 16 16-0211 EA 72" Fiber Reinforced Plastic Damper .....	5,007.76	864.26
<b>23 31 16 23 Fabric Ducts (23 31 16)</b>		
<b>23 31 16 23-0001 Heavy-Duty Fabric Ducts (Zip-A-Duct™) (23 31 16 23)</b>		
<b>23 31 16 23-0002 Heavy-Duty Fabric Duct Without Vents (23 31 16 23-0001)</b>		
Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.		
23 31 16 23-0003 EA 12" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents.....	197.54	8.07
Note: Excludes suspension cable and hardware.		
23 31 16 23-0004 EA 12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents.....	309.60	10.77
Note: Excludes suspension cable and hardware.		
23 31 16 23-0005 EA 16" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents.....	236.95	13.46
Note: Excludes suspension cable and hardware.		
23 31 16 23-0006 EA 16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents.....	353.67	17.70
Note: Excludes suspension cable and hardware.		
23 31 16 23-0007 EA 20" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents.....	286.74	18.47
Note: Excludes suspension cable and hardware.		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0008 EA 20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	411.61	24.62
23 31 16 23-0009 EA 24" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	333.08	23.85
23 31 16 23-0010 EA 24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	469.53	31.54
23 31 16 23-0011 EA 28" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	371.28	27.32
23 31 16 23-0012 EA 28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	558.57	36.55
23 31 16 23-0013 EA 32" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	408.32	30.39
23 31 16 23-0014 EA 32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	623.34	40.39
23 31 16 23-0015 EA 36" Diameter x 5' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	444.22	34.63
23 31 16 23-0016 EA 36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct Without Vents..... Note: Excludes suspension cable and hardware.	719.33	46.16
<b>23 31 16 23-0017 Heavy-Duty Fabric Duct With Vents</b> <small>(23 31 16 23-0001)</small>		
23 31 16 23-0018 EA 12" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	540.50	10.77
23 31 16 23-0019 EA 16" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	598.43	17.70
23 31 16 23-0020 EA 20" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	667.91	24.62
23 31 16 23-0021 EA 24" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	739.69	31.54
23 31 16 23-0022 EA 28" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	891.07	36.55
23 31 16 23-0023 EA 32" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	955.83	40.39
23 31 16 23-0024 EA 36" Diameter x 10' Long Gray Heavy-Duty Fabric Duct With Vents..... Note: Excludes suspension cable and hardware.	1,079.54	46.16
<b>23 31 16 23-0025 Heavy-Duty Fabric Duct 90 Degree Elbow</b> <small>(23 31 16 23-0001)</small>		
23 31 16 23-0026 EA 12" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	401.99	11.54
23 31 16 23-0027 EA 16" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	448.37	18.47
23 31 16 23-0028 EA 20" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	607.74	20.01
23 31 16 23-0029 EA 24" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	741.86	26.93
23 31 16 23-0030 EA 28" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	938.22	30.00
23 31 16 23-0031 EA 32" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	1,170.35	32.70
23 31 16 23-0032 EA 36" Diameter Gray Heavy-Duty Fabric Duct 90 Degree Elbow..... Note: Excludes suspension cable and hardware.	1,329.89	36.55
<b>23 31 16 23-0033 Heavy-Duty Fabric Duct 45 Degree Elbow</b> <small>(23 31 16 23-0001)</small>		
23 31 16 23-0034 EA 12" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	307.32	11.54
23 31 16 23-0035 EA 16" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	360.63	18.47
23 31 16 23-0036 EA 20" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	404.55	20.01
23 31 16 23-0037 EA 24" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	471.71	26.93
23 31 16 23-0038 EA 28" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	545.69	30.00
23 31 16 23-0039 EA 32" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	655.44	32.70
23 31 16 23-0040 EA 36" Diameter Gray Heavy-Duty Fabric Duct 45 Degree Elbow..... Note: Excludes suspension cable and hardware.	747.91	36.55
<b>23 31 16 23-0041 Heavy-Duty Fabric Duct Tee</b> <small>(23 31 16 23-0001)</small>		
23 31 16 23-0042 EA 16" x 12" x 12" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	981.99	26.93
23 31 16 23-0043 EA 20" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	1,034.00	28.86
23 31 16 23-0044 EA 24" x 16" x 16" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	1,119.73	38.85
23 31 16 23-0045 EA 28" x 20" x 20" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	1,177.59	43.48
23 31 16 23-0046 EA 32" x 24" x 24" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	1,221.57	47.32



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0047 EA 36" x 28" x 28" Gray Heavy-Duty Fabric Duct Tee..... Note: Excludes suspension cable and hardware.	1,280.62	53.09
<b>23 31 16 23-0048 Heavy-Duty Fabric Duct Inlets</b> (23 31 16 23-0001)		
23 31 16 23-0049 EA 12" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	157.23	11.54
23 31 16 23-0050 EA 16" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	185.15	18.47
23 31 16 23-0051 EA 20" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	199.04	20.01
23 31 16 23-0052 EA 24" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	229.26	26.93
23 31 16 23-0053 EA 28" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	245.52	30.00
23 31 16 23-0054 EA 32" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	262.91	32.70
23 31 16 23-0055 EA 36" Diameter Gray Heavy-Duty Fabric Duct Transition Inlet..... Note: Excludes suspension cable and hardware.	288.42	36.55
<b>23 31 16 23-0056 Heavy-Duty Fabric Duct Cap</b> (23 31 16 23-0001)		
23 31 16 23-0057 EA 12" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	92.44	6.93
23 31 16 23-0058 EA 16" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	116.82	11.16
23 31 16 23-0059 EA 20" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	137.62	11.92
23 31 16 23-0060 EA 24" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	192.00	16.16
23 31 16 23-0061 EA 28" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	230.16	18.08
23 31 16 23-0062 EA 32" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	287.93	19.62
23 31 16 23-0063 EA 36" Diameter Gray Heavy-Duty Fabric Duct End Cap ..... Note: Excludes suspension cable and hardware.	324.94	21.93
<b>23 31 16 23-0064 Heavy-Duty Fabric Duct Suspension Hardware</b> (23 31 16 23-0001)		
23 31 16 23-0065 EA 12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware..... Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	34.80	5.83
23 31 16 23-0066 EA 20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware..... Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	54.37	8.74
23 31 16 23-0067 EA Galvanized Cable Locks For Horizontal Cables..... Note: Requires two (2) cable locks per support point or per stretcher.	12.65	2.91
23 31 16 23-0068 LF Galvanized Plastic Coated Cable For Fabric Duct..... Note: Excludes anchor bolts or anchors.	0.81	0.12
23 31 16 23-0069 EA Galvanized Stretcher For Straight Fabric Duct Runs.....	29.69	5.83
23 31 16 23-0070 EA 12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware..... Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	65.46	5.83
23 31 16 23-0071 EA 20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware..... Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	89.23	8.74
23 31 16 23-0072 EA Stainless Steel Cable Locks For Horizontal Cables..... Note: Requires two (2) cable locks per support point or per stretcher.	16.97	2.91
23 31 16 23-0073 LF Stainless Steel Plastic Coated Cable For Fabric Duct..... Note: Excludes anchor bolts or anchors.	2.56	0.12
23 31 16 23-0074 EA Stainless Steel Stretcher For Straight Fabric Duct Runs.....	40.87	5.83
<b>23 33 Air Duct Accessories</b> (23 30)		
<b>23 33 13 Dampers</b> (23 33)		
<b>23 33 13 13 Volume-Control Dampers</b> (23 33 13)		
<b>23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR)</b> (23 33 13 13)		
23 33 13 13-0002 EA 6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	128.69 120.35	9.31
23 33 13 13-0003 EA 7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	135.80 122.08	10.47
23 33 13 13-0004 EA 8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	143.62 123.38	11.63
23 33 13 13-0005 EA 10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	154.54 131.09	13.96
23 33 13 13-0006 EA 12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	166.61 138.80	15.13
23 33 13 13-0007 EA 14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	201.88 177.36	16.29
23 33 13 13-0008 EA 15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	220.51 192.79	17.45
23 33 13 13-0009 EA 16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated ..... <i>For Stainless Steel, Add</i>	231.76 200.46	19.78

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 33 Air Duct Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0010	EA	18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	255.79	20.94
			<i>For Stainless Steel, Add</i>	223.63	
23 33 13	13-0011	EA	20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	304.59	23.27
			<i>For Stainless Steel, Add</i>	277.60	
23 33 13	13-0012	EA	24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	338.35	23.27
			<i>For Stainless Steel, Add</i>	316.11	
23 33 13	13-0013	EA	30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	389.40	26.76
			<i>For Stainless Steel, Add</i>	370.10	
23 33 13	13-0014	EA	36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated .....	420.44	27.92
			<i>For Stainless Steel, Add</i>	403.29	
<b>23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) <small>(23 33 13 13)</small></b>					
23 33 13	13-0016	EA	6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	134.83	12.94
			<i>For Stainless Steel, Add</i>	124.81	
			<i>For Parallel Blade Damper, Add</i>	38.40	
23 33 13	13-0017	EA	8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	143.40	13.52
			<i>For Stainless Steel, Add</i>	133.68	
			<i>For Parallel Blade Damper, Add</i>	41.13	
23 33 13	13-0018	EA	8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	150.49	13.64
			<i>For Stainless Steel, Add</i>	142.60	
			<i>For Parallel Blade Damper, Add</i>	43.88	
23 33 13	13-0019	EA	10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	150.49	13.64
			<i>For Stainless Steel, Add</i>	142.60	
			<i>For Parallel Blade Damper, Add</i>	43.88	
23 33 13	13-0020	EA	10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	158.52	13.99
			<i>For Stainless Steel, Add</i>	151.52	
			<i>For Parallel Blade Damper, Add</i>	46.62	
23 33 13	13-0021	EA	10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	176.87	15.51
			<i>For Stainless Steel, Add</i>	169.31	
			<i>For Parallel Blade Damper, Add</i>	52.10	
23 33 13	13-0022	EA	12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	158.52	13.99
			<i>For Stainless Steel, Add</i>	151.52	
			<i>For Parallel Blade Damper, Add</i>	46.62	
23 33 13	13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	174.54	14.80
			<i>For Stainless Steel, Add</i>	169.31	
			<i>For Parallel Blade Damper, Add</i>	52.10	
23 33 13	13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	183.78	15.51
			<i>For Stainless Steel, Add</i>	178.30	
			<i>For Parallel Blade Damper, Add</i>	54.86	
23 33 13	13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	203.02	17.49
			<i>For Stainless Steel, Add</i>	195.73	
			<i>For Parallel Blade Damper, Add</i>	60.22	
23 33 13	13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	171.15	14.80
			<i>For Stainless Steel, Add</i>	164.91	
			<i>For Parallel Blade Damper, Add</i>	50.74	
23 33 13	13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	183.78	15.51
			<i>For Stainless Steel, Add</i>	178.30	
			<i>For Parallel Blade Damper, Add</i>	54.86	
23 33 13	13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	192.97	16.32
			<i>For Stainless Steel, Add</i>	187.21	
			<i>For Parallel Blade Damper, Add</i>	57.60	
23 33 13	13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	203.34	17.49
			<i>For Stainless Steel, Add</i>	196.14	
			<i>For Parallel Blade Damper, Add</i>	60.35	
23 33 13	13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	226.28	19.47
			<i>For Stainless Steel, Add</i>	218.39	
			<i>For Parallel Blade Damper, Add</i>	67.20	
23 33 13	13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	183.78	15.51
			<i>For Stainless Steel, Add</i>	178.30	
			<i>For Parallel Blade Damper, Add</i>	54.86	
23 33 13	13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	194.14	16.67
			<i>For Stainless Steel, Add</i>	187.21	
			<i>For Parallel Blade Damper, Add</i>	57.60	
23 33 13	13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	205.67	18.30
			<i>For Stainless Steel, Add</i>	196.14	
			<i>For Parallel Blade Damper, Add</i>	60.35	
23 33 13	13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	215.98	19.47
			<i>For Stainless Steel, Add</i>	205.00	
			<i>For Parallel Blade Damper, Add</i>	63.08	
23 33 13	13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	239.02	21.33
			<i>For Stainless Steel, Add</i>	227.37	
			<i>For Parallel Blade Damper, Add</i>	69.96	
23 33 13	13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	261.97	23.32
			<i>For Stainless Steel, Add</i>	249.63	
			<i>For Parallel Blade Damper, Add</i>	76.81	
23 33 13	13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	192.97	16.32
			<i>For Stainless Steel, Add</i>	187.21	
			<i>For Parallel Blade Damper, Add</i>	57.60	
23 33 13	13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	206.72	17.49
			<i>For Stainless Steel, Add</i>	200.54	
			<i>For Parallel Blade Damper, Add</i>	61.70	
23 33 13	13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	222.90	19.47
			<i>For Stainless Steel, Add</i>	213.99	
			<i>For Parallel Blade Damper, Add</i>	65.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0040 EA 18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	245.89	21.33
For Stainless Steel, Add	236.30	
For Parallel Blade Damper, Add	72.71	
23 33 13 13-0041 EA 18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	265.40	23.32
For Stainless Steel, Add	254.09	
For Parallel Blade Damper, Add	78.18	
23 33 13 13-0042 EA 18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	278.67	25.18
For Stainless Steel, Add	263.77	
For Parallel Blade Damper, Add	81.16	
23 33 13 13-0043 EA 18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	294.33	27.16
For Stainless Steel, Add	276.55	
For Parallel Blade Damper, Add	85.09	
23 33 13 13-0044 EA 20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	189.62	17.49
For Stainless Steel, Add	178.31	
For Parallel Blade Damper, Add	54.86	
23 33 13 13-0045 EA 20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	207.89	19.47
For Stainless Steel, Add	194.48	
For Parallel Blade Damper, Add	59.84	
23 33 13 13-0046 EA 20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	226.20	21.33
For Stainless Steel, Add	210.70	
For Parallel Blade Damper, Add	64.83	
23 33 13 13-0047 EA 20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	256.99	23.32
For Stainless Steel, Add	243.15	
For Parallel Blade Damper, Add	74.82	
23 33 13 13-0048 EA 20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	272.17	25.18
For Stainless Steel, Add	255.32	
For Parallel Blade Damper, Add	78.56	
23 33 13 13-0049 EA 20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	287.36	27.16
For Stainless Steel, Add	267.49	
For Parallel Blade Damper, Add	82.30	
23 33 13 13-0050 EA 20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	305.63	29.15
For Stainless Steel, Add	283.66	
For Parallel Blade Damper, Add	87.28	
23 33 13 13-0051 EA 20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	323.90	31.01
For Stainless Steel, Add	299.83	
For Parallel Blade Damper, Add	92.26	
23 33 13 13-0052 EA 24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	214.13	19.47
For Stainless Steel, Add	202.59	
For Parallel Blade Damper, Add	62.34	
23 33 13 13-0053 EA 24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	238.68	21.33
For Stainless Steel, Add	226.93	
For Parallel Blade Damper, Add	69.82	
23 33 13 13-0054 EA 24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	256.99	23.32
For Stainless Steel, Add	243.15	
For Parallel Blade Damper, Add	74.82	
23 33 13 13-0055 EA 24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	281.53	25.18
For Stainless Steel, Add	267.49	
For Parallel Blade Damper, Add	82.30	
23 33 13 13-0056 EA 24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	296.68	27.16
For Stainless Steel, Add	279.60	
For Parallel Blade Damper, Add	86.03	
23 33 13 13-0057 EA 24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	311.87	29.15
For Stainless Steel, Add	291.77	
For Parallel Blade Damper, Add	89.78	
23 33 13 13-0058 EA 24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	336.38	31.01
For Stainless Steel, Add	316.06	
For Parallel Blade Damper, Add	97.25	
23 33 13 13-0059 EA 24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	366.71	34.97
For Stainless Steel, Add	340.34	
For Parallel Blade Damper, Add	104.72	
23 33 13 13-0060 EA 24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	403.37	38.82
For Stainless Steel, Add	372.84	
For Parallel Blade Damper, Add	114.72	
23 33 13 13-0061 EA 28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	238.68	21.33
For Stainless Steel, Add	226.93	
For Parallel Blade Damper, Add	69.82	
23 33 13 13-0062 EA 28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	256.99	23.32
For Stainless Steel, Add	243.15	
For Parallel Blade Damper, Add	74.82	
23 33 13 13-0063 EA 28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	281.53	25.18
For Stainless Steel, Add	267.49	
For Parallel Blade Damper, Add	82.30	
23 33 13 13-0064 EA 28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	299.80	27.16
For Stainless Steel, Add	283.66	
For Parallel Blade Damper, Add	87.28	
23 33 13 13-0065 EA 28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	321.19	29.15
For Stainless Steel, Add	303.89	
For Parallel Blade Damper, Add	93.50	
23 33 13 13-0066 EA 28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	342.58	31.01
For Stainless Steel, Add	324.12	
For Parallel Blade Damper, Add	99.73	
23 33 13 13-0067 EA 28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	372.95	34.97
For Stainless Steel, Add	348.45	
For Parallel Blade Damper, Add	107.22	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0068	EA	28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	403.37	38.82
			<i>For Stainless Steel, Add</i>	372.84	
			<i>For Parallel Blade Damper, Add</i>	114.72	
23 33 13	13-0069	EA	28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.56	40.80
			<i>For Stainless Steel, Add</i>	421.41	
			<i>For Parallel Blade Damper, Add</i>	129.66	
23 33 13	13-0070	EA	28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	489.38	44.64
			<i>For Stainless Steel, Add</i>	461.92	
			<i>For Parallel Blade Damper, Add</i>	142.13	
23 33 13	13-0071	EA	32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	275.71	23.32
			<i>For Stainless Steel, Add</i>	267.49	
			<i>For Parallel Blade Damper, Add</i>	82.30	
23 33 13	13-0072	EA	32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	287.73	25.18
			<i>For Stainless Steel, Add</i>	275.55	
			<i>For Parallel Blade Damper, Add</i>	84.78	
23 33 13	13-0073	EA	32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	299.80	27.16
			<i>For Stainless Steel, Add</i>	283.66	
			<i>For Parallel Blade Damper, Add</i>	87.28	
23 33 13	13-0074	EA	32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.07	29.15
			<i>For Stainless Steel, Add</i>	299.83	
			<i>For Parallel Blade Damper, Add</i>	92.26	
23 33 13	13-0075	EA	32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	343.79	31.01
			<i>For Stainless Steel, Add</i>	325.69	
			<i>For Parallel Blade Damper, Add</i>	100.21	
23 33 13	13-0076	EA	32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	372.95	34.97
			<i>For Stainless Steel, Add</i>	348.45	
			<i>For Parallel Blade Damper, Add</i>	107.22	
23 33 13	13-0077	EA	32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	409.61	38.82
			<i>For Stainless Steel, Add</i>	380.95	
			<i>For Parallel Blade Damper, Add</i>	117.22	
23 33 13	13-0078	EA	32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.19	42.67
			<i>For Stainless Steel, Add</i>	413.35	
			<i>For Parallel Blade Damper, Add</i>	127.18	
23 33 13	13-0079	EA	32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	489.38	44.64
			<i>For Stainless Steel, Add</i>	461.92	
			<i>For Parallel Blade Damper, Add</i>	142.13	
23 33 13	13-0080	EA	32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	542.38	47.79
			<i>For Stainless Steel, Add</i>	518.70	
			<i>For Parallel Blade Damper, Add</i>	159.60	
23 33 13	13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	600.43	50.47
			<i>For Stainless Steel, Add</i>	583.54	
			<i>For Parallel Blade Damper, Add</i>	179.55	
23 33 13	13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	300.21	25.18
			<i>For Stainless Steel, Add</i>	291.77	
			<i>For Parallel Blade Damper, Add</i>	89.78	
23 33 13	13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	318.48	27.16
			<i>For Stainless Steel, Add</i>	307.94	
			<i>For Parallel Blade Damper, Add</i>	94.75	
23 33 13	13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.75	29.15
			<i>For Stainless Steel, Add</i>	324.12	
			<i>For Parallel Blade Damper, Add</i>	99.73	
23 33 13	13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.30	31.01
			<i>For Stainless Steel, Add</i>	348.45	
			<i>For Parallel Blade Damper, Add</i>	107.22	
23 33 13	13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	382.35	34.97
			<i>For Stainless Steel, Add</i>	360.67	
			<i>For Parallel Blade Damper, Add</i>	110.98	
23 33 13	13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.54	36.84
			<i>For Stainless Steel, Add</i>	372.84	
			<i>For Parallel Blade Damper, Add</i>	114.72	
23 33 13	13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.19	42.67
			<i>For Stainless Steel, Add</i>	413.35	
			<i>For Parallel Blade Damper, Add</i>	127.18	
23 33 13	13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	488.97	46.63
			<i>For Stainless Steel, Add</i>	453.80	
			<i>For Parallel Blade Damper, Add</i>	139.63	
23 33 13	13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	531.07	48.15
			<i>For Stainless Steel, Add</i>	502.48	
			<i>For Parallel Blade Damper, Add</i>	154.61	
23 33 13	13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	591.40	51.64
			<i>For Stainless Steel, Add</i>	567.27	
			<i>For Parallel Blade Damper, Add</i>	174.54	
23 33 13	13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	643.21	54.32
			<i>For Stainless Steel, Add</i>	624.00	
			<i>For Parallel Blade Damper, Add</i>	192.00	
23 33 13	13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	698.91	56.30
			<i>For Stainless Steel, Add</i>	688.84	
			<i>For Parallel Blade Damper, Add</i>	211.95	
23 33 13	13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	312.24	29.15
			<i>For Stainless Steel, Add</i>	299.83	
			<i>For Parallel Blade Damper, Add</i>	92.26	
23 33 13	13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	342.99	31.01
			<i>For Stainless Steel, Add</i>	332.23	
			<i>For Parallel Blade Damper, Add</i>	102.22	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0096 EA 40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	355.06	32.99
For Stainless Steel, Add	340.34	
For Parallel Blade Damper, Add	104.72	
23 33 13 13-0097 EA 40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	367.13	34.97
For Stainless Steel, Add	348.45	
For Parallel Blade Damper, Add	107.22	
23 33 13 13-0098 EA 40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	400.62	36.84
For Stainless Steel, Add	376.84	
For Parallel Blade Damper, Add	115.95	
23 33 13 13-0099 EA 40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	428.29	38.82
For Stainless Steel, Add	405.24	
For Parallel Blade Damper, Add	124.69	
23 33 13 13-0100 EA 40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	470.70	44.64
For Stainless Steel, Add	437.63	
For Parallel Blade Damper, Add	134.66	
23 33 13 13-0101 EA 40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	507.32	48.50
For Stainless Steel, Add	470.08	
For Parallel Blade Damper, Add	144.64	
23 33 13 13-0102 EA 40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	554.04	51.64
For Stainless Steel, Add	518.70	
For Parallel Blade Damper, Add	159.60	
23 33 13 13-0103 EA 40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	630.77	54.32
For Stainless Steel, Add	607.83	
For Parallel Blade Damper, Add	187.02	
23 33 13 13-0104 EA 40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	677.45	57.47
For Stainless Steel, Add	656.40	
For Parallel Blade Damper, Add	201.97	
23 33 13 13-0105 EA 40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	750.71	58.99
For Stainless Steel, Add	745.58	
For Parallel Blade Damper, Add	229.41	
23 33 13 13-0106 EA 40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	822.40	62.13
For Stainless Steel, Add	826.64	
For Parallel Blade Damper, Add	254.35	
23 33 13 13-0107 EA 44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	330.55	29.15
For Stainless Steel, Add	316.06	
For Parallel Blade Damper, Add	97.25	
23 33 13 13-0108 EA 44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	361.30	31.01
For Stainless Steel, Add	348.45	
For Parallel Blade Damper, Add	107.22	
23 33 13 13-0109 EA 44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	385.89	32.99
For Stainless Steel, Add	372.84	
For Parallel Blade Damper, Add	114.72	
23 33 13 13-0110 EA 44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	397.95	34.97
For Stainless Steel, Add	380.95	
For Parallel Blade Damper, Add	117.22	
23 33 13 13-0111 EA 44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	428.70	36.84
For Stainless Steel, Add	413.35	
For Parallel Blade Damper, Add	127.18	
23 33 13 13-0112 EA 44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	459.45	38.82
For Stainless Steel, Add	445.74	
For Parallel Blade Damper, Add	137.15	
23 33 13 13-0113 EA 44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	513.97	46.63
For Stainless Steel, Add	486.30	
For Parallel Blade Damper, Add	149.63	
23 33 13 13-0114 EA 44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	556.75	50.47
For Stainless Steel, Add	526.76	
For Parallel Blade Damper, Add	162.08	
23 33 13 13-0115 EA 44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	630.77	54.32
For Stainless Steel, Add	607.83	
For Parallel Blade Damper, Add	187.02	
23 33 13 13-0116 EA 44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	698.54	58.29
For Stainless Steel, Add	680.78	
For Parallel Blade Damper, Add	209.47	
23 33 13 13-0117 EA 44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	772.48	62.13
For Stainless Steel, Add	761.75	
For Parallel Blade Damper, Add	234.38	
23 33 13 13-0118 EA 44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	834.43	63.99
For Stainless Steel, Add	834.70	
For Parallel Blade Damper, Add	256.83	
23 33 13 13-0119 EA 44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	896.38	65.98
For Stainless Steel, Add	907.66	
For Parallel Blade Damper, Add	279.28	
23 33 13 13-0120 EA 44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	958.33	67.96
For Stainless Steel, Add	980.62	
For Parallel Blade Damper, Add	301.73	
23 33 13 13-0121 EA 48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	355.06	31.01
For Stainless Steel, Add	340.34	
For Parallel Blade Damper, Add	104.72	
23 33 13 13-0122 EA 48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	385.89	32.99
For Stainless Steel, Add	372.84	
For Parallel Blade Damper, Add	114.72	
23 33 13 13-0123 EA 48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	397.95	34.97
For Stainless Steel, Add	380.95	
For Parallel Blade Damper, Add	117.22	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0124	EA	48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.29	38.82
			<i>For Stainless Steel, Add</i>	405.24	
			<i>For Parallel Blade Damper, Add</i>	124.69	
23 33 13	13-0125	EA	48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	464.87	42.67
			<i>For Stainless Steel, Add</i>	437.63	
			<i>For Parallel Blade Damper, Add</i>	134.66	
23 33 13	13-0126	EA	48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.49	46.63
			<i>For Stainless Steel, Add</i>	470.08	
			<i>For Parallel Blade Damper, Add</i>	144.64	
23 33 13	13-0127	EA	48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	550.55	50.47
			<i>For Stainless Steel, Add</i>	518.70	
			<i>For Parallel Blade Damper, Add</i>	159.60	
23 33 13	13-0128	EA	48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	599.57	54.32
			<i>For Stainless Steel, Add</i>	567.27	
			<i>For Parallel Blade Damper, Add</i>	174.54	
23 33 13	13-0129	EA	48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	667.34	58.29
			<i>For Stainless Steel, Add</i>	640.22	
			<i>For Parallel Blade Damper, Add</i>	196.99	
23 33 13	13-0130	EA	48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	747.56	62.13
			<i>For Stainless Steel, Add</i>	729.35	
			<i>For Parallel Blade Damper, Add</i>	224.42	
23 33 13	13-0131	EA	48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	809.56	63.99
			<i>For Stainless Steel, Add</i>	802.37	
			<i>For Parallel Blade Damper, Add</i>	246.88	
23 33 13	13-0132	EA	48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	890.14	65.98
			<i>For Stainless Steel, Add</i>	899.55	
			<i>For Parallel Blade Damper, Add</i>	276.78	
23 33 13	13-0133	EA	48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	957.92	69.82
			<i>For Stainless Steel, Add</i>	972.50	
			<i>For Parallel Blade Damper, Add</i>	299.23	
23 33 13	13-0134	EA	48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,038.55	71.81
			<i>For Stainless Steel, Add</i>	1,069.74	
			<i>For Parallel Blade Damper, Add</i>	329.15	
23 33 13	13-0135	EA	48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,105.91	77.64
			<i>For Stainless Steel, Add</i>	1,134.59	
			<i>For Parallel Blade Damper, Add</i>	349.10	
23 33 13	13-0136	EA	52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	379.65	32.99
			<i>For Stainless Steel, Add</i>	364.73	
			<i>For Parallel Blade Damper, Add</i>	112.22	
23 33 13	13-0137	EA	52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	410.39	34.97
			<i>For Stainless Steel, Add</i>	397.12	
			<i>For Parallel Blade Damper, Add</i>	122.19	
23 33 13	13-0138	EA	52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	446.97	38.82
			<i>For Stainless Steel, Add</i>	429.52	
			<i>For Parallel Blade Damper, Add</i>	132.16	
23 33 13	13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	464.87	42.67
			<i>For Stainless Steel, Add</i>	437.63	
			<i>For Parallel Blade Damper, Add</i>	134.66	
23 33 13	13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	504.61	46.63
			<i>For Stainless Steel, Add</i>	474.14	
			<i>For Parallel Blade Damper, Add</i>	145.89	
23 33 13	13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	544.31	50.47
			<i>For Stainless Steel, Add</i>	510.59	
			<i>For Parallel Blade Damper, Add</i>	157.10	
23 33 13	13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	593.37	54.32
			<i>For Stainless Steel, Add</i>	559.21	
			<i>For Parallel Blade Damper, Add</i>	172.06	
23 33 13	13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	642.42	58.29
			<i>For Stainless Steel, Add</i>	607.83	
			<i>For Parallel Blade Damper, Add</i>	187.02	
23 33 13	13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	710.20	62.13
			<i>For Stainless Steel, Add</i>	680.78	
			<i>For Parallel Blade Damper, Add</i>	209.47	
23 33 13	13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	796.62	65.98
			<i>For Stainless Steel, Add</i>	777.97	
			<i>For Parallel Blade Damper, Add</i>	239.38	
23 33 13	13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	864.77	67.96
			<i>For Stainless Steel, Add</i>	858.99	
			<i>For Parallel Blade Damper, Add</i>	264.30	
23 33 13	13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	951.68	69.82
			<i>For Stainless Steel, Add</i>	964.39	
			<i>For Parallel Blade Damper, Add</i>	296.74	
23 33 13	13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,038.10	73.79
			<i>For Stainless Steel, Add</i>	1,061.58	
			<i>For Parallel Blade Damper, Add</i>	326.64	
23 33 13	13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,105.91	77.64
			<i>For Stainless Steel, Add</i>	1,134.59	
			<i>For Parallel Blade Damper, Add</i>	349.10	
23 33 13	13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,198.19	83.47
			<i>For Stainless Steel, Add</i>	1,231.83	
			<i>For Parallel Blade Damper, Add</i>	379.02	
23 33 13	13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,272.22	87.31
			<i>For Stainless Steel, Add</i>	1,312.91	
			<i>For Parallel Blade Damper, Add</i>	403.97	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	397.95	34.97
			<i>For Stainless Steel, Add</i>	380.95	
			<i>For Parallel Blade Damper, Add</i>	117.22	
23 33 13	13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	440.73	38.82
			<i>For Stainless Steel, Add</i>	421.41	
			<i>For Parallel Blade Damper, Add</i>	129.66	
23 33 13	13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	471.11	42.67
			<i>For Stainless Steel, Add</i>	445.74	
			<i>For Parallel Blade Damper, Add</i>	137.15	
23 33 13	13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	488.97	46.63
			<i>For Stainless Steel, Add</i>	453.80	
			<i>For Parallel Blade Damper, Add</i>	139.63	
23 33 13	13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	534.95	50.47
			<i>For Stainless Steel, Add</i>	498.42	
			<i>For Parallel Blade Damper, Add</i>	153.36	
23 33 13	13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	580.89	54.32
			<i>For Stainless Steel, Add</i>	542.98	
			<i>For Parallel Blade Damper, Add</i>	167.07	
23 33 13	13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	626.82	58.29
			<i>For Stainless Steel, Add</i>	587.55	
			<i>For Parallel Blade Damper, Add</i>	180.78	
23 33 13	13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	672.76	62.13
			<i>For Stainless Steel, Add</i>	632.11	
			<i>For Parallel Blade Damper, Add</i>	194.50	
23 33 13	13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	759.22	65.98
			<i>For Stainless Steel, Add</i>	729.35	
			<i>For Parallel Blade Damper, Add</i>	224.42	
23 33 13	13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	839.89	67.96
			<i>For Stainless Steel, Add</i>	826.64	
			<i>For Parallel Blade Damper, Add</i>	254.35	
23 33 13	13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	914.28	69.82
			<i>For Stainless Steel, Add</i>	915.77	
			<i>For Parallel Blade Damper, Add</i>	281.78	
23 33 13	13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,013.22	73.79
			<i>For Stainless Steel, Add</i>	1,029.24	
			<i>For Parallel Blade Damper, Add</i>	316.69	
23 33 13	13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,099.67	77.64
			<i>For Stainless Steel, Add</i>	1,126.48	
			<i>For Parallel Blade Damper, Add</i>	346.61	
23 33 13	13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,192.36	81.48
			<i>For Stainless Steel, Add</i>	1,231.83	
			<i>For Parallel Blade Damper, Add</i>	379.02	
23 33 13	13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,266.39	85.45
			<i>For Stainless Steel, Add</i>	1,312.91	
			<i>For Parallel Blade Damper, Add</i>	403.97	
23 33 13	13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,359.09	89.30
			<i>For Stainless Steel, Add</i>	1,418.26	
			<i>For Parallel Blade Damper, Add</i>	436.39	
23 33 13	13-0168	EA	56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,451.79	93.14
			<i>For Stainless Steel, Add</i>	1,523.61	
			<i>For Parallel Blade Damper, Add</i>	468.80	
23 33 13	13-0169	EA	60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	428.29	38.82
			<i>For Stainless Steel, Add</i>	405.24	
			<i>For Parallel Blade Damper, Add</i>	124.69	
23 33 13	13-0170	EA	60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	471.11	42.67
			<i>For Stainless Steel, Add</i>	445.74	
			<i>For Parallel Blade Damper, Add</i>	137.15	
23 33 13	13-0171	EA	60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	495.21	46.63
			<i>For Stainless Steel, Add</i>	461.92	
			<i>For Parallel Blade Damper, Add</i>	142.13	
23 33 13	13-0172	EA	60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	513.15	50.47
			<i>For Stainless Steel, Add</i>	470.08	
			<i>For Parallel Blade Damper, Add</i>	144.64	
23 33 13	13-0173	EA	60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	562.21	54.32
			<i>For Stainless Steel, Add</i>	518.70	
			<i>For Parallel Blade Damper, Add</i>	159.60	
23 33 13	13-0174	EA	60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	611.22	58.29
			<i>For Stainless Steel, Add</i>	567.27	
			<i>For Parallel Blade Damper, Add</i>	174.54	
23 33 13	13-0175	EA	60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	663.40	62.13
			<i>For Stainless Steel, Add</i>	619.94	
			<i>For Parallel Blade Damper, Add</i>	190.75	
23 33 13	13-0176	EA	60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	715.58	65.98
			<i>For Stainless Steel, Add</i>	672.62	
			<i>For Parallel Blade Damper, Add</i>	206.96	
23 33 13	13-0177	EA	60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	802.45	67.96
			<i>For Stainless Steel, Add</i>	777.97	
			<i>For Parallel Blade Damper, Add</i>	239.38	
23 33 13	13-0178	EA	60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	883.08	69.82
			<i>For Stainless Steel, Add</i>	875.21	
			<i>For Parallel Blade Damper, Add</i>	269.30	
23 33 13	13-0179	EA	60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	975.82	73.79
			<i>For Stainless Steel, Add</i>	980.62	
			<i>For Parallel Blade Damper, Add</i>	301.73	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0180	EA	60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,068.51	77.64
			<i>For Stainless Steel, Add</i> .....	1,085.97	
			<i>For Parallel Blade Damper, Add</i> .....	334.14	
23 33 13	13-0181	EA	60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,142.48	81.48
			<i>For Stainless Steel, Add</i> .....	1,166.98	
			<i>For Parallel Blade Damper, Add</i> .....	359.07	
23 33 13	13-0182	EA	60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,253.86	85.45
			<i>For Stainless Steel, Add</i> .....	1,296.62	
			<i>For Parallel Blade Damper, Add</i> .....	398.96	
23 33 13	13-0183	EA	60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,352.80	89.30
			<i>For Stainless Steel, Add</i> .....	1,410.08	
			<i>For Parallel Blade Damper, Add</i> .....	433.87	
23 33 13	13-0184	EA	60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,451.79	93.14
			<i>For Stainless Steel, Add</i> .....	1,523.61	
			<i>For Parallel Blade Damper, Add</i> .....	468.80	
23 33 13	13-0185	EA	60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,538.16	97.11
			<i>For Stainless Steel, Add</i> .....	1,620.74	
			<i>For Parallel Blade Damper, Add</i> .....	498.69	
23 33 13	13-0186	EA	60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation .....	1,624.70	100.96
			<i>For Stainless Steel, Add</i> .....	1,718.09	
			<i>For Parallel Blade Damper, Add</i> .....	528.64	
<b>23 33 13 16</b>	<b>Fire Dampers</b> <small>(23 33 13)</small>				
<b>23 33 13 16-0001</b>	<b>Fire Dampers</b> <small>(23 33 13 16)</small>				
23 33 13	16-0002	SF	Curtain Type, Vertical, Fire Damper .....	139.10	12.59
			<i>For Smoke Damper, Add</i> .....	86.03	
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	22.77	
			<i>For Dynamic Damper, Add</i> .....	54.65	
			<i>For 3 Hour Rated, Add</i> .....	30.36	
23 33 13	16-0003	SF	Louver Type, Vertical, Fire Damper .....	194.31	12.59
			<i>For Smoke Damper, Add</i> .....	132.96	
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	35.19	
			<i>For Dynamic Damper, Add</i> .....	84.47	
			<i>For 3 Hour Rated, Add</i> .....	46.93	
<b>23 33 13 16-0004</b>	<b>Folding Curtain Fire Dampers</b> <small>(23 33 13 16)</small>				
			Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.		
23 33 13	16-0005	EA	6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	68.67	12.94
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	6.72	
			<i>For Dynamic Damper, Add</i> .....	16.12	
			<i>For 3 Hour Rated, Add</i> .....	8.96	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	7.46	
23 33 13	16-0006	EA	8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	72.53	13.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	7.19	
			<i>For Dynamic Damper, Add</i> .....	17.26	
			<i>For 3 Hour Rated, Add</i> .....	9.59	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	7.99	
23 33 13	16-0007	EA	8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.90	13.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	7.67	
			<i>For Dynamic Damper, Add</i> .....	18.41	
			<i>For 3 Hour Rated, Add</i> .....	10.23	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	8.53	
23 33 13	16-0008	EA	10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	74.90	13.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	7.67	
			<i>For Dynamic Damper, Add</i> .....	18.41	
			<i>For 3 Hour Rated, Add</i> .....	10.23	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	8.53	
23 33 13	16-0009	EA	10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.20	13.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	8.15	
			<i>For Dynamic Damper, Add</i> .....	19.56	
			<i>For 3 Hour Rated, Add</i> .....	10.87	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	9.06	
23 33 13	16-0010	EA	10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.12	15.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	9.11	
			<i>For Dynamic Damper, Add</i> .....	21.86	
			<i>For 3 Hour Rated, Add</i> .....	12.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	10.12	
23 33 13	16-0011	EA	12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	78.20	13.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	8.15	
			<i>For Dynamic Damper, Add</i> .....	19.56	
			<i>For 3 Hour Rated, Add</i> .....	10.87	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	9.06	
23 33 13	16-0012	EA	12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	84.79	14.80
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	9.11	
			<i>For Dynamic Damper, Add</i> .....	21.86	
			<i>For 3 Hour Rated, Add</i> .....	12.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	10.12	
23 33 13	16-0013	EA	12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.25	15.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i> .....	9.59	
			<i>For Dynamic Damper, Add</i> .....	23.01	
			<i>For 3 Hour Rated, Add</i> .....	12.79	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i> .....	10.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0014 EA 12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.22	17.49
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
<i>For Dynamic Damper, Add</i>	24.17	
<i>For 3 Hour Rated, Add</i>	13.43	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33 13 16-0015 EA 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	83.73	14.80
<i>For Spring Activated Horizontal Mount Operation, Add</i>	8.87	
<i>For Dynamic Damper, Add</i>	21.29	
<i>For 3 Hour Rated, Add</i>	11.83	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	9.86	
23 33 13 16-0016 EA 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.25	15.51
<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.59	
<i>For Dynamic Damper, Add</i>	23.01	
<i>For 3 Hour Rated, Add</i>	12.79	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.66	
23 33 13 16-0017 EA 14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.72	16.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
<i>For Dynamic Damper, Add</i>	24.17	
<i>For 3 Hour Rated, Add</i>	13.43	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33 13 16-0018 EA 14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.36	17.49
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
<i>For Dynamic Damper, Add</i>	25.33	
<i>For 3 Hour Rated, Add</i>	14.07	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33 13 16-0019 EA 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.52	19.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.75	
<i>For Dynamic Damper, Add</i>	28.20	
<i>For 3 Hour Rated, Add</i>	15.67	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.06	
23 33 13 16-0020 EA 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	89.25	15.51
<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.59	
<i>For Dynamic Damper, Add</i>	23.01	
<i>For 3 Hour Rated, Add</i>	12.79	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.66	
23 33 13 16-0021 EA 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	94.89	16.67
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
<i>For Dynamic Damper, Add</i>	24.17	
<i>For 3 Hour Rated, Add</i>	13.43	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33 13 16-0022 EA 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.69	18.30
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
<i>For Dynamic Damper, Add</i>	25.33	
<i>For 3 Hour Rated, Add</i>	14.07	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33 13 16-0023 EA 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	107.30	19.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.03	
<i>For Dynamic Damper, Add</i>	26.47	
<i>For 3 Hour Rated, Add</i>	14.70	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.25	
23 33 13 16-0024 EA 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.48	21.33
<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.23	
<i>For Dynamic Damper, Add</i>	29.35	
<i>For 3 Hour Rated, Add</i>	16.31	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.59	
23 33 13 16-0025 EA 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.64	23.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
<i>For Dynamic Damper, Add</i>	32.23	
<i>For 3 Hour Rated, Add</i>	17.91	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0026 EA 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	93.72	16.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
<i>For Dynamic Damper, Add</i>	24.17	
<i>For 3 Hour Rated, Add</i>	13.43	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33 13 16-0027 EA 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	100.41	17.49
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.79	
<i>For Dynamic Damper, Add</i>	25.89	
<i>For 3 Hour Rated, Add</i>	14.39	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.99	
23 33 13 16-0028 EA 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.46	19.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.51	
<i>For Dynamic Damper, Add</i>	27.63	
<i>For 3 Hour Rated, Add</i>	15.35	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.79	
23 33 13 16-0029 EA 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	120.62	21.33
<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.71	
<i>For Dynamic Damper, Add</i>	30.51	
<i>For 3 Hour Rated, Add</i>	16.95	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.13	
23 33 13 16-0030 EA 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	130.70	23.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.67	
<i>For Dynamic Damper, Add</i>	32.81	
<i>For 3 Hour Rated, Add</i>	18.23	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.19	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0031	EA		18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	141.85	25.18
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.87	
			<i>For Dynamic Damper, Add</i>	35.68	
			<i>For 3 Hour Rated, Add</i>	19.82	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.52	
23 33 13 16-0032	EA		18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	150.88	27.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.59	
			<i>For Dynamic Damper, Add</i>	37.41	
			<i>For 3 Hour Rated, Add</i>	20.78	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.32	
23 33 13 16-0033	EA		20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	99.36	17.49
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
			<i>For Dynamic Damper, Add</i>	25.33	
			<i>For 3 Hour Rated, Add</i>	14.07	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33 13 16-0034	EA		20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	109.44	19.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.51	
			<i>For Dynamic Damper, Add</i>	27.62	
			<i>For 3 Hour Rated, Add</i>	15.35	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.79	
23 33 13 16-0035	EA		20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	119.54	21.33
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.47	
			<i>For Dynamic Damper, Add</i>	29.93	
			<i>For 3 Hour Rated, Add</i>	16.63	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.86	
23 33 13 16-0036	EA		20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.91	23.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
			<i>For Dynamic Damper, Add</i>	34.54	
			<i>For 3 Hour Rated, Add</i>	19.19	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0037	EA		20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	142.93	25.18
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.11	
			<i>For Dynamic Damper, Add</i>	36.27	
			<i>For 3 Hour Rated, Add</i>	20.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.79	
23 33 13 16-0038	EA		20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	151.95	27.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
			<i>For Dynamic Damper, Add</i>	37.99	
			<i>For 3 Hour Rated, Add</i>	21.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0039	EA		20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.04	29.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
			<i>For Dynamic Damper, Add</i>	40.29	
			<i>For 3 Hour Rated, Add</i>	22.38	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0040	EA		20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.12	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
			<i>For Dynamic Damper, Add</i>	42.58	
			<i>For 3 Hour Rated, Add</i>	23.66	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	
23 33 13 16-0041	EA		24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	111.57	19.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.99	
			<i>For Dynamic Damper, Add</i>	28.77	
			<i>For 3 Hour Rated, Add</i>	15.98	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.32	
23 33 13 16-0042	EA		24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.81	21.33
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	32.23	
			<i>For 3 Hour Rated, Add</i>	17.91	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0043	EA		24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.91	23.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
			<i>For Dynamic Damper, Add</i>	34.54	
			<i>For 3 Hour Rated, Add</i>	19.19	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0044	EA		24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.12	25.18
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
			<i>For Dynamic Damper, Add</i>	37.99	
			<i>For 3 Hour Rated, Add</i>	21.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0045	EA		24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.15	27.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.55	
			<i>For Dynamic Damper, Add</i>	39.72	
			<i>For 3 Hour Rated, Add</i>	22.07	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.39	
23 33 13 16-0046	EA		24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	164.17	29.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.27	
			<i>For Dynamic Damper, Add</i>	41.44	
			<i>For 3 Hour Rated, Add</i>	23.02	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.19	
23 33 13 16-0047	EA		24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	176.39	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.70	
			<i>For Dynamic Damper, Add</i>	44.89	
			<i>For 3 Hour Rated, Add</i>	24.94	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.78	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0048 EA 24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.43	34.97
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
<i>For Dynamic Damper, Add</i>	48.34	
<i>For 3 Hour Rated, Add</i>	26.86	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0049 EA 24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.63	38.82
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
<i>For Dynamic Damper, Add</i>	52.95	
<i>For 3 Hour Rated, Add</i>	29.42	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0050 EA 28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	123.81	21.33
<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
<i>For Dynamic Damper, Add</i>	32.23	
<i>For 3 Hour Rated, Add</i>	17.91	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0051 EA 28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	133.91	23.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
<i>For Dynamic Damper, Add</i>	34.54	
<i>For 3 Hour Rated, Add</i>	19.19	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0052 EA 28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	146.12	25.18
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
<i>For Dynamic Damper, Add</i>	37.99	
<i>For 3 Hour Rated, Add</i>	21.11	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0053 EA 28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.21	27.16
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
<i>For Dynamic Damper, Add</i>	40.29	
<i>For 3 Hour Rated, Add</i>	22.38	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0054 EA 28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	167.37	29.15
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.99	
<i>For Dynamic Damper, Add</i>	43.17	
<i>For 3 Hour Rated, Add</i>	23.98	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.99	
23 33 13 16-0055 EA 28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.51	31.01
<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.18	
<i>For Dynamic Damper, Add</i>	46.04	
<i>For 3 Hour Rated, Add</i>	25.58	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.31	
23 33 13 16-0056 EA 28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.56	34.97
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
<i>For Dynamic Damper, Add</i>	49.49	
<i>For 3 Hour Rated, Add</i>	27.50	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0057 EA 28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	214.63	38.82
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
<i>For Dynamic Damper, Add</i>	52.95	
<i>For 3 Hour Rated, Add</i>	29.42	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0058 EA 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.24	40.80
<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.94	
<i>For Dynamic Damper, Add</i>	59.85	
<i>For 3 Hour Rated, Add</i>	33.25	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.71	
23 33 13 16-0059 EA 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.56	44.64
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.34	
<i>For Dynamic Damper, Add</i>	65.61	
<i>For 3 Hour Rated, Add</i>	36.45	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.38	
23 33 13 16-0060 EA 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	140.30	23.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
<i>For Dynamic Damper, Add</i>	37.99	
<i>For 3 Hour Rated, Add</i>	21.11	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0061 EA 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	148.24	25.18
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.31	
<i>For Dynamic Damper, Add</i>	39.13	
<i>For 3 Hour Rated, Add</i>	21.74	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.12	
23 33 13 16-0062 EA 32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	156.21	27.16
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
<i>For Dynamic Damper, Add</i>	40.29	
<i>For 3 Hour Rated, Add</i>	22.38	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0063 EA 32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.29	29.15
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
<i>For Dynamic Damper, Add</i>	42.58	
<i>For 3 Hour Rated, Add</i>	23.66	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	
23 33 13 16-0064 EA 32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	178.92	31.01
<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.27	
<i>For Dynamic Damper, Add</i>	46.26	
<i>For 3 Hour Rated, Add</i>	25.70	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.42	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0065	EA		32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.56	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
			<i>For Dynamic Damper, Add</i>	49.49	
			<i>For 3 Hour Rated, Add</i>	27.50	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0066	EA		32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	216.77	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
			<i>For Dynamic Damper, Add</i>	54.11	
			<i>For 3 Hour Rated, Add</i>	30.06	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0067	EA		32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	236.95	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.46	
			<i>For Dynamic Damper, Add</i>	58.71	
			<i>For 3 Hour Rated, Add</i>	32.62	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.18	
23 33 13 16-0068	EA		32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	255.56	44.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.34	
			<i>For Dynamic Damper, Add</i>	65.61	
			<i>For 3 Hour Rated, Add</i>	36.45	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.38	
23 33 13 16-0069	EA		32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	279.81	47.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
			<i>For Dynamic Damper, Add</i>	73.67	
			<i>For 3 Hour Rated, Add</i>	40.93	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	
23 33 13 16-0070	EA		32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	305.03	50.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.53	
			<i>For Dynamic Damper, Add</i>	82.88	
			<i>For 3 Hour Rated, Add</i>	46.04	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.37	
23 33 13 16-0071	EA		36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.51	25.18
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.27	
			<i>For Dynamic Damper, Add</i>	41.44	
			<i>For 3 Hour Rated, Add</i>	23.02	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.19	
23 33 13 16-0072	EA		36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	162.59	27.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.22	
			<i>For Dynamic Damper, Add</i>	43.73	
			<i>For 3 Hour Rated, Add</i>	24.30	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.25	
23 33 13 16-0073	EA		36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	172.68	29.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.18	
			<i>For Dynamic Damper, Add</i>	46.04	
			<i>For 3 Hour Rated, Add</i>	25.58	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.31	
23 33 13 16-0074	EA		36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.91	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
			<i>For Dynamic Damper, Add</i>	49.49	
			<i>For 3 Hour Rated, Add</i>	27.50	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0075	EA		36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	199.78	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.35	
			<i>For Dynamic Damper, Add</i>	51.23	
			<i>For 3 Hour Rated, Add</i>	28.46	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	23.72	
23 33 13 16-0076	EA		36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	208.80	36.84
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0077	EA		36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	236.95	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.46	
			<i>For Dynamic Damper, Add</i>	58.71	
			<i>For 3 Hour Rated, Add</i>	32.62	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.18	
23 33 13 16-0078	EA		36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	259.25	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.86	
			<i>For Dynamic Damper, Add</i>	64.45	
			<i>For 3 Hour Rated, Add</i>	35.81	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.84	
23 33 13 16-0079	EA		36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	220.07	48.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.99	
			<i>For Dynamic Damper, Add</i>	40.78	
			<i>For 3 Hour Rated, Add</i>	22.66	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.88	
23 33 13 16-0080	EA		36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	304.25	51.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.57	
			<i>For Dynamic Damper, Add</i>	80.57	
			<i>For 3 Hour Rated, Add</i>	44.76	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	37.30	
23 33 13 16-0081	EA		36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	327.33	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.93	
			<i>For Dynamic Damper, Add</i>	88.62	
			<i>For 3 Hour Rated, Add</i>	49.24	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	41.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0082 EA 36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	350.20	56.30
<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.76	
<i>For Dynamic Damper, Add</i>	97.83	
<i>For 3 Hour Rated, Add</i>	54.35	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	45.29	
23 33 13 16-0083 EA 40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	160.46	29.15
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
<i>For Dynamic Damper, Add</i>	42.58	
<i>For 3 Hour Rated, Add</i>	23.66	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	
23 33 13 16-0084 EA 40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	174.81	31.01
<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.66	
<i>For Dynamic Damper, Add</i>	47.19	
<i>For 3 Hour Rated, Add</i>	26.21	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.85	
23 33 13 16-0085 EA 40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.78	32.99
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
<i>For Dynamic Damper, Add</i>	48.34	
<i>For 3 Hour Rated, Add</i>	26.86	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0086 EA 40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	190.74	34.97
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
<i>For Dynamic Damper, Add</i>	49.49	
<i>For 3 Hour Rated, Add</i>	27.50	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0087 EA 40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	209.86	36.84
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.30	
<i>For Dynamic Damper, Add</i>	53.52	
<i>For 3 Hour Rated, Add</i>	29.74	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.78	
23 33 13 16-0088 EA 40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.16	38.82
<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.98	
<i>For Dynamic Damper, Add</i>	57.56	
<i>For 3 Hour Rated, Add</i>	31.98	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.65	
23 33 13 16-0089 EA 40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	249.17	44.64
<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.90	
<i>For Dynamic Damper, Add</i>	62.16	
<i>For 3 Hour Rated, Add</i>	34.53	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.78	
23 33 13 16-0090 EA 40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	269.36	48.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.82	
<i>For Dynamic Damper, Add</i>	66.77	
<i>For 3 Hour Rated, Add</i>	37.09	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.91	
23 33 13 16-0091 EA 40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	291.47	51.64
<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
<i>For Dynamic Damper, Add</i>	73.67	
<i>For 3 Hour Rated, Add</i>	40.93	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	
23 33 13 16-0092 EA 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	323.08	54.32
<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.97	
<i>For Dynamic Damper, Add</i>	86.33	
<i>For 3 Hour Rated, Add</i>	47.96	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	39.97	
23 33 13 16-0093 EA 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	345.18	57.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.85	
<i>For Dynamic Damper, Add</i>	93.23	
<i>For 3 Hour Rated, Add</i>	51.80	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	43.16	
23 33 13 16-0094 EA 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	373.30	58.99
<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.12	
<i>For Dynamic Damper, Add</i>	105.90	
<i>For 3 Hour Rated, Add</i>	58.83	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	49.03	
23 33 13 16-0095 EA 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	403.95	62.13
<i>For Spring Activated Horizontal Mount Operation, Add</i>	48.92	
<i>For Dynamic Damper, Add</i>	117.41	
<i>For 3 Hour Rated, Add</i>	65.23	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	54.36	
23 33 13 16-0096 EA 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	170.56	29.15
<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.70	
<i>For Dynamic Damper, Add</i>	44.89	
<i>For 3 Hour Rated, Add</i>	24.94	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.78	
23 33 13 16-0097 EA 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.91	31.01
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
<i>For Dynamic Damper, Add</i>	49.49	
<i>For 3 Hour Rated, Add</i>	27.50	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0098 EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	197.15	32.99
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
<i>For Dynamic Damper, Add</i>	52.95	
<i>For 3 Hour Rated, Add</i>	29.42	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0099	EA		44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.11	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
			<i>For Dynamic Damper, Add</i>	54.11	
			<i>For 3 Hour Rated, Add</i>	30.06	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0100	EA		44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	219.46	36.84
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.46	
			<i>For Dynamic Damper, Add</i>	58.71	
			<i>For 3 Hour Rated, Add</i>	32.62	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.18	
23 33 13 16-0101	EA		44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	233.82	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.38	
			<i>For Dynamic Damper, Add</i>	63.32	
			<i>For 3 Hour Rated, Add</i>	35.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.31	
23 33 13 16-0102	EA		44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	267.80	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.78	
			<i>For Dynamic Damper, Add</i>	69.07	
			<i>For 3 Hour Rated, Add</i>	38.37	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	31.98	
23 33 13 16-0103	EA		44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	290.10	50.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	31.17	
			<i>For Dynamic Damper, Add</i>	74.82	
			<i>For 3 Hour Rated, Add</i>	41.57	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.64	
23 33 13 16-0104	EA		44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	323.08	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.97	
			<i>For Dynamic Damper, Add</i>	86.33	
			<i>For 3 Hour Rated, Add</i>	47.96	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	39.97	
23 33 13 16-0105	EA		44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	353.92	58.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.29	
			<i>For Dynamic Damper, Add</i>	96.69	
			<i>For 3 Hour Rated, Add</i>	53.72	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	44.77	
23 33 13 16-0106	EA		44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	386.88	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	45.08	
			<i>For Dynamic Damper, Add</i>	108.19	
			<i>For 3 Hour Rated, Add</i>	60.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	50.09	
23 33 13 16-0107	EA		44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	411.89	63.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	49.40	
			<i>For Dynamic Damper, Add</i>	118.55	
			<i>For 3 Hour Rated, Add</i>	65.86	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	54.89	
23 33 13 16-0108	EA		44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	436.91	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	53.71	
			<i>For Dynamic Damper, Add</i>	128.91	
			<i>For 3 Hour Rated, Add</i>	71.62	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	59.68	
23 33 13 16-0109	EA		44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	461.94	67.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.03	
			<i>For Dynamic Damper, Add</i>	139.28	
			<i>For 3 Hour Rated, Add</i>	77.38	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	64.48	
23 33 13 16-0110	EA		48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	182.78	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
			<i>For Dynamic Damper, Add</i>	48.34	
			<i>For 3 Hour Rated, Add</i>	26.86	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0111	EA		48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	197.15	32.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0112	EA		48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.11	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
			<i>For Dynamic Damper, Add</i>	54.11	
			<i>For 3 Hour Rated, Add</i>	30.06	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0113	EA		48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.16	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.98	
			<i>For Dynamic Damper, Add</i>	57.56	
			<i>For 3 Hour Rated, Add</i>	31.98	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.65	
23 33 13 16-0114	EA		48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.34	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.90	
			<i>For Dynamic Damper, Add</i>	62.16	
			<i>For 3 Hour Rated, Add</i>	34.53	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.78	
23 33 13 16-0115	EA		48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	263.53	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.82	
			<i>For Dynamic Damper, Add</i>	66.77	
			<i>For 3 Hour Rated, Add</i>	37.09	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0116 EA 48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	287.98	50.47
For Spring Activated Horizontal Mount Operation, Add	30.70	
For Dynamic Damper, Add	73.67	
For 3 Hour Rated, Add	40.93	
For Cap Of Damper Blades Outside Air Stream, Add	34.11	
23 33 13 16-0117 EA 48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	312.42	54.32
For Spring Activated Horizontal Mount Operation, Add	33.57	
For Dynamic Damper, Add	80.57	
For 3 Hour Rated, Add	44.76	
For Cap Of Damper Blades Outside Air Stream, Add	37.30	
23 33 13 16-0118 EA 48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	343.26	58.29
For Spring Activated Horizontal Mount Operation, Add	37.89	
For Dynamic Damper, Add	90.94	
For 3 Hour Rated, Add	50.52	
For Cap Of Damper Blades Outside Air Stream, Add	42.10	
23 33 13 16-0119 EA 48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	378.35	62.13
For Spring Activated Horizontal Mount Operation, Add	43.16	
For Dynamic Damper, Add	103.59	
For 3 Hour Rated, Add	57.55	
For Cap Of Damper Blades Outside Air Stream, Add	47.96	
23 33 13 16-0120 EA 48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	403.39	63.99
For Spring Activated Horizontal Mount Operation, Add	47.48	
For Dynamic Damper, Add	113.96	
For 3 Hour Rated, Add	63.31	
For Cap Of Damper Blades Outside Air Stream, Add	52.76	
23 33 13 16-0121 EA 48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	434.77	65.98
For Spring Activated Horizontal Mount Operation, Add	53.23	
For Dynamic Damper, Add	127.76	
For 3 Hour Rated, Add	70.98	
For Cap Of Damper Blades Outside Air Stream, Add	59.15	
23 33 13 16-0122 EA 48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	465.64	69.82
For Spring Activated Horizontal Mount Operation, Add	57.56	
For Dynamic Damper, Add	138.13	
For 3 Hour Rated, Add	76.74	
For Cap Of Damper Blades Outside Air Stream, Add	63.95	
23 33 13 16-0123 EA 48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	497.04	71.81
For Spring Activated Horizontal Mount Operation, Add	63.31	
For Dynamic Damper, Add	151.94	
For 3 Hour Rated, Add	84.41	
For Cap Of Damper Blades Outside Air Stream, Add	70.34	
23 33 13 16-0124 EA 48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	531.57	77.64
For Spring Activated Horizontal Mount Operation, Add	67.14	
For Dynamic Damper, Add	161.15	
For 3 Hour Rated, Add	89.53	
For Cap Of Damper Blades Outside Air Stream, Add	74.61	
23 33 13 16-0125 EA 52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	195.02	32.99
For Spring Activated Horizontal Mount Operation, Add	21.58	
For Dynamic Damper, Add	51.80	
For 3 Hour Rated, Add	28.78	
For Cap Of Damper Blades Outside Air Stream, Add	23.98	
23 33 13 16-0126 EA 52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	209.36	34.97
For Spring Activated Horizontal Mount Operation, Add	23.50	
For Dynamic Damper, Add	56.40	
For 3 Hour Rated, Add	31.34	
For Cap Of Damper Blades Outside Air Stream, Add	26.11	
23 33 13 16-0127 EA 52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	229.55	38.82
For Spring Activated Horizontal Mount Operation, Add	25.42	
For Dynamic Damper, Add	61.01	
For 3 Hour Rated, Add	33.89	
For Cap Of Damper Blades Outside Air Stream, Add	28.25	
23 33 13 16-0128 EA 52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.34	42.67
For Spring Activated Horizontal Mount Operation, Add	25.90	
For Dynamic Damper, Add	62.16	
For 3 Hour Rated, Add	34.53	
For Cap Of Damper Blades Outside Air Stream, Add	28.78	
23 33 13 16-0129 EA 52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.60	46.63
For Spring Activated Horizontal Mount Operation, Add	28.06	
For Dynamic Damper, Add	67.34	
For 3 Hour Rated, Add	37.41	
For Cap Of Damper Blades Outside Air Stream, Add	31.18	
23 33 13 16-0130 EA 52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	285.85	50.47
For Spring Activated Horizontal Mount Operation, Add	30.22	
For Dynamic Damper, Add	72.52	
For 3 Hour Rated, Add	40.29	
For Cap Of Damper Blades Outside Air Stream, Add	33.58	
23 33 13 16-0131 EA 52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	310.30	54.32
For Spring Activated Horizontal Mount Operation, Add	33.10	
For Dynamic Damper, Add	79.43	
For 3 Hour Rated, Add	44.13	
For Cap Of Damper Blades Outside Air Stream, Add	36.77	
23 33 13 16-0132 EA 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	334.73	58.29
For Spring Activated Horizontal Mount Operation, Add	35.97	
For Dynamic Damper, Add	86.33	
For 3 Hour Rated, Add	47.96	
For Cap Of Damper Blades Outside Air Stream, Add	39.97	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0133	EA		52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	365.58	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.29	
			<i>For Dynamic Damper, Add</i>	96.69	
			<i>For 3 Hour Rated, Add</i>	53.72	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	44.77	
23 33 13 16-0134	EA		52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	402.81	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	46.04	
			<i>For Dynamic Damper, Add</i>	110.50	
			<i>For 3 Hour Rated, Add</i>	61.39	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	51.16	
23 33 13 16-0135	EA		52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	429.94	67.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.83	
			<i>For Dynamic Damper, Add</i>	122.00	
			<i>For 3 Hour Rated, Add</i>	67.78	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	56.48	
23 33 13 16-0136	EA		52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	463.50	69.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.07	
			<i>For Dynamic Damper, Add</i>	136.98	
			<i>For 3 Hour Rated, Add</i>	76.10	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	63.42	
23 33 13 16-0137	EA		52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	500.72	73.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	62.82	
			<i>For Dynamic Damper, Add</i>	150.78	
			<i>For 3 Hour Rated, Add</i>	83.77	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	69.81	
23 33 13 16-0138	EA		52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	531.57	77.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	67.14	
			<i>For Dynamic Damper, Add</i>	161.15	
			<i>For 3 Hour Rated, Add</i>	89.53	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	74.61	
23 33 13 16-0139	EA		52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	574.63	83.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	72.90	
			<i>For Dynamic Damper, Add</i>	174.96	
			<i>For 3 Hour Rated, Add</i>	97.20	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	81.00	
23 33 13 16-0140	EA		52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	607.61	87.31
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	77.70	
			<i>For Dynamic Damper, Add</i>	186.47	
			<i>For 3 Hour Rated, Add</i>	103.60	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	86.33	
23 33 13 16-0141	EA		56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.11	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
			<i>For Dynamic Damper, Add</i>	54.11	
			<i>For 3 Hour Rated, Add</i>	30.06	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0142	EA		56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	227.41	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.94	
			<i>For Dynamic Damper, Add</i>	59.85	
			<i>For 3 Hour Rated, Add</i>	33.25	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.71	
23 33 13 16-0143	EA		56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	245.48	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.38	
			<i>For Dynamic Damper, Add</i>	63.32	
			<i>For 3 Hour Rated, Add</i>	35.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.31	
23 33 13 16-0144	EA		56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	259.25	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.86	
			<i>For Dynamic Damper, Add</i>	64.45	
			<i>For 3 Hour Rated, Add</i>	35.81	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.84	
23 33 13 16-0145	EA		56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.65	50.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.50	
			<i>For Dynamic Damper, Add</i>	70.79	
			<i>For 3 Hour Rated, Add</i>	39.33	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	32.78	
23 33 13 16-0146	EA		56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	306.03	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.13	
			<i>For Dynamic Damper, Add</i>	77.12	
			<i>For 3 Hour Rated, Add</i>	42.85	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	35.71	
23 33 13 16-0147	EA		56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	329.40	58.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.77	
			<i>For Dynamic Damper, Add</i>	83.45	
			<i>For 3 Hour Rated, Add</i>	46.36	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.64	
23 33 13 16-0148	EA		56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	352.78	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	37.41	
			<i>For Dynamic Damper, Add</i>	89.78	
			<i>For 3 Hour Rated, Add</i>	49.88	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	41.57	
23 33 13 16-0149	EA		56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	390.01	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.16	
			<i>For Dynamic Damper, Add</i>	103.59	
			<i>For 3 Hour Rated, Add</i>	57.55	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	47.96	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0150 EA 56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	421.44	67.96
For Spring Activated Horizontal Mount Operation, Add	48.92	
For Dynamic Damper, Add	117.41	
For 3 Hour Rated, Add	65.23	
For Cap Of Damper Blades Outside Air Stream, Add	54.36	
23 33 13 16-0151 EA 56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	450.71	69.82
For Spring Activated Horizontal Mount Operation, Add	54.20	
For Dynamic Damper, Add	130.07	
For 3 Hour Rated, Add	72.26	
For Cap Of Damper Blades Outside Air Stream, Add	60.22	
23 33 13 16-0152 EA 56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	492.21	73.79
For Spring Activated Horizontal Mount Operation, Add	60.91	
For Dynamic Damper, Add	146.18	
For 3 Hour Rated, Add	81.21	
For Cap Of Damper Blades Outside Air Stream, Add	67.68	
23 33 13 16-0153 EA 56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	529.44	77.64
For Spring Activated Horizontal Mount Operation, Add	66.67	
For Dynamic Damper, Add	160.00	
For 3 Hour Rated, Add	88.89	
For Cap Of Damper Blades Outside Air Stream, Add	74.07	
23 33 13 16-0154 EA 56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	568.80	81.48
For Spring Activated Horizontal Mount Operation, Add	72.90	
For Dynamic Damper, Add	174.96	
For 3 Hour Rated, Add	97.20	
For Cap Of Damper Blades Outside Air Stream, Add	81.00	
23 33 13 16-0155 EA 56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	601.78	85.45
For Spring Activated Horizontal Mount Operation, Add	77.70	
For Dynamic Damper, Add	186.47	
For 3 Hour Rated, Add	103.60	
For Cap Of Damper Blades Outside Air Stream, Add	86.33	
23 33 13 16-0156 EA 56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	641.15	89.30
For Spring Activated Horizontal Mount Operation, Add	83.93	
For Dynamic Damper, Add	201.44	
For 3 Hour Rated, Add	111.91	
For Cap Of Damper Blades Outside Air Stream, Add	93.26	
23 33 13 16-0157 EA 56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	680.52	93.14
For Spring Activated Horizontal Mount Operation, Add	90.17	
For Dynamic Damper, Add	216.40	
For 3 Hour Rated, Add	120.22	
For Cap Of Damper Blades Outside Air Stream, Add	100.19	
23 33 13 16-0158 EA 60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	223.16	38.82
For Spring Activated Horizontal Mount Operation, Add	23.98	
For Dynamic Damper, Add	57.56	
For 3 Hour Rated, Add	31.98	
For Cap Of Damper Blades Outside Air Stream, Add	26.65	
23 33 13 16-0159 EA 60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	245.48	42.67
For Spring Activated Horizontal Mount Operation, Add	26.38	
For Dynamic Damper, Add	63.32	
For 3 Hour Rated, Add	35.18	
For Cap Of Damper Blades Outside Air Stream, Add	29.31	
23 33 13 16-0160 EA 60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	261.39	46.63
For Spring Activated Horizontal Mount Operation, Add	27.34	
For Dynamic Damper, Add	65.61	
For 3 Hour Rated, Add	36.45	
For Cap Of Damper Blades Outside Air Stream, Add	30.38	
23 33 13 16-0161 EA 60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	275.19	50.47
For Spring Activated Horizontal Mount Operation, Add	27.82	
For Dynamic Damper, Add	66.77	
For 3 Hour Rated, Add	37.09	
For Cap Of Damper Blades Outside Air Stream, Add	30.91	
23 33 13 16-0162 EA 60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	299.64	54.32
For Spring Activated Horizontal Mount Operation, Add	30.70	
For Dynamic Damper, Add	73.67	
For 3 Hour Rated, Add	40.93	
For Cap Of Damper Blades Outside Air Stream, Add	34.11	
23 33 13 16-0163 EA 60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.07	58.29
For Spring Activated Horizontal Mount Operation, Add	33.57	
For Dynamic Damper, Add	80.57	
For 3 Hour Rated, Add	44.76	
For Cap Of Damper Blades Outside Air Stream, Add	37.30	
23 33 13 16-0164 EA 60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	349.59	62.13
For Spring Activated Horizontal Mount Operation, Add	36.69	
For Dynamic Damper, Add	88.06	
For 3 Hour Rated, Add	48.92	
For Cap Of Damper Blades Outside Air Stream, Add	40.77	
23 33 13 16-0165 EA 60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	375.10	65.98
For Spring Activated Horizontal Mount Operation, Add	39.81	
For Dynamic Damper, Add	95.54	
For 3 Hour Rated, Add	53.08	
For Cap Of Damper Blades Outside Air Stream, Add	44.23	
23 33 13 16-0166 EA 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	408.64	67.96
For Spring Activated Horizontal Mount Operation, Add	46.04	
For Dynamic Damper, Add	110.50	
For 3 Hour Rated, Add	61.39	
For Cap Of Damper Blades Outside Air Stream, Add	51.16	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0167	EA		60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	440.04	69.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.80	
			<i>For Dynamic Damper, Add</i>	124.31	
			<i>For 3 Hour Rated, Add</i>	69.06	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	57.55	
23 33 13 16-0168	EA		60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	479.43	73.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.03	
			<i>For Dynamic Damper, Add</i>	139.28	
			<i>For 3 Hour Rated, Add</i>	77.38	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	64.48	
23 33 13 16-0169	EA		60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	518.79	77.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.27	
			<i>For Dynamic Damper, Add</i>	154.25	
			<i>For 3 Hour Rated, Add</i>	85.69	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	71.41	
23 33 13 16-0170	EA		60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	551.75	81.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	69.06	
			<i>For Dynamic Damper, Add</i>	165.75	
			<i>For 3 Hour Rated, Add</i>	92.09	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	76.74	
23 33 13 16-0171	EA		60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	597.50	85.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	76.73	
			<i>For Dynamic Damper, Add</i>	184.16	
			<i>For 3 Hour Rated, Add</i>	102.31	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	85.26	
23 33 13 16-0172	EA		60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	639.01	89.30
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	83.45	
			<i>For Dynamic Damper, Add</i>	200.28	
			<i>For 3 Hour Rated, Add</i>	111.27	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	92.72	
23 33 13 16-0173	EA		60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	680.52	93.14
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	90.17	
			<i>For Dynamic Damper, Add</i>	216.40	
			<i>For 3 Hour Rated, Add</i>	120.22	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	100.19	
23 33 13 16-0174	EA		60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	717.73	97.11
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	95.92	
			<i>For Dynamic Damper, Add</i>	230.20	
			<i>For 3 Hour Rated, Add</i>	127.89	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	106.57	
23 33 13 16-0175	EA		60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	754.99	100.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	101.68	
			<i>For Dynamic Damper, Add</i>	244.03	
			<i>For 3 Hour Rated, Add</i>	135.57	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	112.98	
23 33 13 16-0176			<b>Parallel Blade Louver Fire Damper</b> (23 33 13 16)		
			Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.		
23 33 13 16-0177	EA		6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	100.58	12.94
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.90	
			<i>For Dynamic Damper, Add</i>	33.35	
			<i>For 3 Hour Rated, Add</i>	18.53	
23 33 13 16-0178	EA		8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	104.97	13.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.49	
			<i>For Dynamic Damper, Add</i>	34.78	
			<i>For 3 Hour Rated, Add</i>	19.32	
23 33 13 16-0179	EA		8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	107.87	13.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.09	
			<i>For Dynamic Damper, Add</i>	36.22	
			<i>For 3 Hour Rated, Add</i>	20.12	
23 33 13 16-0180	EA		10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	107.87	13.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.09	
			<i>For Dynamic Damper, Add</i>	36.22	
			<i>For 3 Hour Rated, Add</i>	20.12	
23 33 13 16-0181	EA		10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	111.72	13.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.69	
			<i>For Dynamic Damper, Add</i>	37.67	
			<i>For 3 Hour Rated, Add</i>	20.93	
23 33 13 16-0182	EA		10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	121.69	15.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.89	
			<i>For Dynamic Damper, Add</i>	40.53	
			<i>For 3 Hour Rated, Add</i>	22.52	
23 33 13 16-0183	EA		12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	111.72	13.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.69	
			<i>For Dynamic Damper, Add</i>	37.67	
			<i>For 3 Hour Rated, Add</i>	20.93	
23 33 13 16-0184	EA		12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	119.36	14.80
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.89	
			<i>For Dynamic Damper, Add</i>	40.53	
			<i>For 3 Hour Rated, Add</i>	22.52	
23 33 13 16-0185	EA		12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	124.36	15.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.49	
			<i>For Dynamic Damper, Add</i>	41.97	
			<i>For 3 Hour Rated, Add</i>	23.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0186 EA 12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	132.87	17.49
For Spring Activated Horizontal Mount Operation, Add	18.09	
For Dynamic Damper, Add	43.42	
For 3 Hour Rated, Add	24.12	
23 33 13 16-0187 EA 14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	118.04	14.80
For Spring Activated Horizontal Mount Operation, Add	16.59	
For Dynamic Damper, Add	39.82	
For 3 Hour Rated, Add	22.12	
23 33 13 16-0188 EA 14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	124.36	15.51
For Spring Activated Horizontal Mount Operation, Add	17.49	
For Dynamic Damper, Add	41.97	
For 3 Hour Rated, Add	23.32	
23 33 13 16-0189 EA 14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	129.37	16.32
For Spring Activated Horizontal Mount Operation, Add	18.09	
For Dynamic Damper, Add	43.42	
For 3 Hour Rated, Add	24.12	
23 33 13 16-0190 EA 14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	135.52	17.49
For Spring Activated Horizontal Mount Operation, Add	18.69	
For Dynamic Damper, Add	44.85	
For 3 Hour Rated, Add	24.92	
23 33 13 16-0191 EA 14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	148.02	19.47
For Spring Activated Horizontal Mount Operation, Add	20.19	
For Dynamic Damper, Add	48.45	
For 3 Hour Rated, Add	26.92	
23 33 13 16-0192 EA 16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	155.20	15.51
For Spring Activated Horizontal Mount Operation, Add	24.43	
For Dynamic Damper, Add	58.63	
For 3 Hour Rated, Add	32.57	
23 33 13 16-0193 EA 16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	161.69	16.67
For Spring Activated Horizontal Mount Operation, Add	25.10	
For Dynamic Damper, Add	60.24	
For 3 Hour Rated, Add	33.47	
23 33 13 16-0194 EA 16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	169.35	18.30
For Spring Activated Horizontal Mount Operation, Add	25.78	
For Dynamic Damper, Add	61.86	
For 3 Hour Rated, Add	34.37	
23 33 13 16-0195 EA 16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	175.81	19.47
For Spring Activated Horizontal Mount Operation, Add	26.44	
For Dynamic Damper, Add	63.46	
For 3 Hour Rated, Add	35.26	
23 33 13 16-0196 EA 16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	189.12	21.33
For Spring Activated Horizontal Mount Operation, Add	28.13	
For Dynamic Damper, Add	67.50	
For 3 Hour Rated, Add	37.50	
23 33 13 16-0197 EA 16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	202.42	23.32
For Spring Activated Horizontal Mount Operation, Add	29.81	
For Dynamic Damper, Add	71.53	
For 3 Hour Rated, Add	39.74	
23 33 13 16-0198 EA 18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	160.52	16.32
For Spring Activated Horizontal Mount Operation, Add	25.10	
For Dynamic Damper, Add	60.24	
For 3 Hour Rated, Add	33.47	
23 33 13 16-0199 EA 18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	168.50	17.49
For Spring Activated Horizontal Mount Operation, Add	26.11	
For Dynamic Damper, Add	62.66	
For 3 Hour Rated, Add	34.81	
23 33 13 16-0200 EA 18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	178.83	19.47
For Spring Activated Horizontal Mount Operation, Add	27.12	
For Dynamic Damper, Add	65.09	
For 3 Hour Rated, Add	36.16	
23 33 13 16-0201 EA 18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	192.11	21.33
For Spring Activated Horizontal Mount Operation, Add	28.80	
For Dynamic Damper, Add	69.11	
For 3 Hour Rated, Add	38.40	
23 33 13 16-0202 EA 18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	203.90	23.32
For Spring Activated Horizontal Mount Operation, Add	30.14	
For Dynamic Damper, Add	72.33	
For 3 Hour Rated, Add	40.19	
23 33 13 16-0203 EA 18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	217.19	25.18
For Spring Activated Horizontal Mount Operation, Add	31.82	
For Dynamic Damper, Add	76.37	
For 3 Hour Rated, Add	42.43	
23 33 13 16-0204 EA 18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	227.48	27.16
For Spring Activated Horizontal Mount Operation, Add	32.82	
For Dynamic Damper, Add	78.78	
For 3 Hour Rated, Add	43.76	
23 33 13 16-0205 EA 20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	167.02	17.49
For Spring Activated Horizontal Mount Operation, Add	25.78	
For Dynamic Damper, Add	61.86	
For 3 Hour Rated, Add	34.37	
23 33 13 16-0206 EA 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	178.80	19.47
For Spring Activated Horizontal Mount Operation, Add	27.11	
For Dynamic Damper, Add	65.08	
For 3 Hour Rated, Add	36.15	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 33 13 16-0207	EA	20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	190.61	21.33
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.46	
		<i>For Dynamic Damper, Add</i>	68.30	
		<i>For 3 Hour Rated, Add</i>	37.95	
23 33 13 16-0208	EA	20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	208.40	23.32
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	31.15	
		<i>For Dynamic Damper, Add</i>	74.76	
		<i>For 3 Hour Rated, Add</i>	41.54	
23 33 13 16-0209	EA	20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	218.69	25.18
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.16	
		<i>For Dynamic Damper, Add</i>	77.18	
		<i>For 3 Hour Rated, Add</i>	42.88	
23 33 13 16-0210	EA	20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	228.98	27.16
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.16	
		<i>For Dynamic Damper, Add</i>	79.59	
		<i>For 3 Hour Rated, Add</i>	44.21	
23 33 13 16-0211	EA	20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	240.78	29.15
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.50	
		<i>For Dynamic Damper, Add</i>	82.81	
		<i>For 3 Hour Rated, Add</i>	46.01	
23 33 13 16-0212	EA	20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	252.56	31.01
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.84	
		<i>For Dynamic Damper, Add</i>	86.02	
		<i>For 3 Hour Rated, Add</i>	47.79	
23 33 13 16-0213	EA	24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	206.25	19.47
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.29	
		<i>For Dynamic Damper, Add</i>	79.90	
		<i>For 3 Hour Rated, Add</i>	44.39	
23 33 13 16-0214	EA	24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	221.04	21.33
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.31	
		<i>For Dynamic Damper, Add</i>	84.74	
		<i>For 3 Hour Rated, Add</i>	47.08	
23 33 13 16-0215	EA	24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	232.85	23.32
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.65	
		<i>For Dynamic Damper, Add</i>	87.97	
		<i>For 3 Hour Rated, Add</i>	48.87	
23 33 13 16-0216	EA	24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	247.60	25.18
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.66	
		<i>For Dynamic Damper, Add</i>	92.79	
		<i>For 3 Hour Rated, Add</i>	51.55	
23 33 13 16-0217	EA	24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	257.92	27.16
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.67	
		<i>For Dynamic Damper, Add</i>	95.21	
		<i>For 3 Hour Rated, Add</i>	52.90	
23 33 13 16-0218	EA	24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	268.21	29.15
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.68	
		<i>For Dynamic Damper, Add</i>	97.62	
		<i>For 3 Hour Rated, Add</i>	54.23	
23 33 13 16-0219	EA	24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	282.99	31.01
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	42.69	
		<i>For Dynamic Damper, Add</i>	102.45	
		<i>For 3 Hour Rated, Add</i>	56.92	
23 33 13 16-0220	EA	24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	303.59	34.97
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.70	
		<i>For Dynamic Damper, Add</i>	107.29	
		<i>For 3 Hour Rated, Add</i>	59.60	
23 33 13 16-0221	EA	24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	327.20	38.82
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.39	
		<i>For Dynamic Damper, Add</i>	113.74	
		<i>For 3 Hour Rated, Add</i>	63.19	
23 33 13 16-0222	EA	28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	221.04	21.33
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.31	
		<i>For Dynamic Damper, Add</i>	84.74	
		<i>For 3 Hour Rated, Add</i>	47.08	
23 33 13 16-0223	EA	28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	232.85	23.32
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.65	
		<i>For Dynamic Damper, Add</i>	87.97	
		<i>For 3 Hour Rated, Add</i>	48.87	
23 33 13 16-0224	EA	28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	247.60	25.18
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.66	
		<i>For Dynamic Damper, Add</i>	92.79	
		<i>For 3 Hour Rated, Add</i>	51.55	
23 33 13 16-0225	EA	28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	259.40	27.16
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.01	
		<i>For Dynamic Damper, Add</i>	96.01	
		<i>For 3 Hour Rated, Add</i>	53.34	
23 33 13 16-0226	EA	28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	272.70	29.15
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	41.69	
		<i>For Dynamic Damper, Add</i>	100.05	
		<i>For 3 Hour Rated, Add</i>	55.58	
23 33 13 16-0227	EA	28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	285.96	31.01
		<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.36	
		<i>For Dynamic Damper, Add</i>	104.06	
		<i>For 3 Hour Rated, Add</i>	57.81	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0228 EA 28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	306.57	34.97
For Spring Activated Horizontal Mount Operation, Add	45.37	
For Dynamic Damper, Add	108.90	
For 3 Hour Rated, Add	60.50	
23 33 13 16-0229 EA 28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	327.20	38.82
For Spring Activated Horizontal Mount Operation, Add	47.39	
For Dynamic Damper, Add	113.74	
For 3 Hour Rated, Add	63.19	
23 33 13 16-0230 EA 28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	350.93	40.80
For Spring Activated Horizontal Mount Operation, Add	51.42	
For Dynamic Damper, Add	123.41	
For 3 Hour Rated, Add	68.56	
23 33 13 16-0231 EA 28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	377.52	44.64
For Spring Activated Horizontal Mount Operation, Add	54.78	
For Dynamic Damper, Add	131.47	
For 3 Hour Rated, Add	73.04	
23 33 13 16-0232 EA 32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	241.78	23.32
For Spring Activated Horizontal Mount Operation, Add	38.66	
For Dynamic Damper, Add	92.79	
For 3 Hour Rated, Add	51.55	
23 33 13 16-0233 EA 32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	250.57	25.18
For Spring Activated Horizontal Mount Operation, Add	39.33	
For Dynamic Damper, Add	94.39	
For 3 Hour Rated, Add	52.44	
23 33 13 16-0234 EA 32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	259.40	27.16
For Spring Activated Horizontal Mount Operation, Add	40.01	
For Dynamic Damper, Add	96.01	
For 3 Hour Rated, Add	53.34	
23 33 13 16-0235 EA 32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	271.18	29.15
For Spring Activated Horizontal Mount Operation, Add	41.34	
For Dynamic Damper, Add	99.23	
For 3 Hour Rated, Add	55.13	
23 33 13 16-0236 EA 32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	286.53	31.01
For Spring Activated Horizontal Mount Operation, Add	43.49	
For Dynamic Damper, Add	104.37	
For 3 Hour Rated, Add	57.98	
23 33 13 16-0237 EA 32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	306.57	34.97
For Spring Activated Horizontal Mount Operation, Add	45.37	
For Dynamic Damper, Add	108.90	
For 3 Hour Rated, Add	60.50	
23 33 13 16-0238 EA 32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	330.20	38.82
For Spring Activated Horizontal Mount Operation, Add	48.07	
For Dynamic Damper, Add	115.36	
For 3 Hour Rated, Add	64.09	
23 33 13 16-0239 EA 32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	353.79	42.67
For Spring Activated Horizontal Mount Operation, Add	50.75	
For Dynamic Damper, Add	121.80	
For 3 Hour Rated, Add	67.67	
23 33 13 16-0240 EA 32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	377.52	44.64
For Spring Activated Horizontal Mount Operation, Add	54.78	
For Dynamic Damper, Add	131.47	
For 3 Hour Rated, Add	73.04	
23 33 13 16-0241 EA 32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	407.73	47.79
For Spring Activated Horizontal Mount Operation, Add	59.48	
For Dynamic Damper, Add	142.75	
For 3 Hour Rated, Add	79.31	
23 33 13 16-0242 EA 32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	439.77	50.47
For Spring Activated Horizontal Mount Operation, Add	64.85	
For Dynamic Damper, Add	155.64	
For 3 Hour Rated, Add	86.47	
23 33 13 16-0243 EA 36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	271.91	25.18
For Spring Activated Horizontal Mount Operation, Add	44.13	
For Dynamic Damper, Add	105.92	
For 3 Hour Rated, Add	58.84	
23 33 13 16-0244 EA 36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	284.54	27.16
For Spring Activated Horizontal Mount Operation, Add	45.66	
For Dynamic Damper, Add	109.59	
For 3 Hour Rated, Add	60.88	
23 33 13 16-0245 EA 36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	297.18	29.15
For Spring Activated Horizontal Mount Operation, Add	47.19	
For Dynamic Damper, Add	113.27	
For 3 Hour Rated, Add	62.93	
23 33 13 16-0246 EA 36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	313.26	31.01
For Spring Activated Horizontal Mount Operation, Add	49.50	
For Dynamic Damper, Add	118.80	
For 3 Hour Rated, Add	66.00	
23 33 13 16-0247 EA 36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	330.05	34.97
For Spring Activated Horizontal Mount Operation, Add	50.66	
For Dynamic Damper, Add	121.58	
For 3 Hour Rated, Add	67.54	
23 33 13 16-0248 EA 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	340.99	36.84
For Spring Activated Horizontal Mount Operation, Add	51.81	
For Dynamic Damper, Add	124.34	
For 3 Hour Rated, Add	69.08	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0249	EA		36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	375.53	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.64	
			<i>For Dynamic Damper, Add</i>	133.54	
			<i>For 3 Hour Rated, Add</i>	74.19	
23 33 13 16-0250	EA		36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	404.23	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	59.48	
			<i>For Dynamic Damper, Add</i>	142.74	
			<i>For 3 Hour Rated, Add</i>	79.30	
23 33 13 16-0251	EA		36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	429.36	48.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.08	
			<i>For Dynamic Damper, Add</i>	153.80	
			<i>For 3 Hour Rated, Add</i>	85.44	
23 33 13 16-0252	EA		36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	467.12	51.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	70.22	
			<i>For Dynamic Damper, Add</i>	168.52	
			<i>For 3 Hour Rated, Add</i>	93.62	
23 33 13 16-0253	EA		36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	499.15	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	75.59	
			<i>For Dynamic Damper, Add</i>	181.41	
			<i>For 3 Hour Rated, Add</i>	100.78	
23 33 13 16-0254	EA		36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	532.26	56.30
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	81.73	
			<i>For Dynamic Damper, Add</i>	196.14	
			<i>For 3 Hour Rated, Add</i>	108.97	
23 33 13 16-0255	EA		40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	305.58	29.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.40	
			<i>For Dynamic Damper, Add</i>	120.95	
			<i>For 3 Hour Rated, Add</i>	67.19	
23 33 13 16-0256	EA		40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	325.05	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	53.46	
			<i>For Dynamic Damper, Add</i>	128.31	
			<i>For 3 Hour Rated, Add</i>	71.29	
23 33 13 16-0257	EA		40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	334.29	32.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.23	
			<i>For Dynamic Damper, Add</i>	130.16	
			<i>For 3 Hour Rated, Add</i>	72.31	
23 33 13 16-0258	EA		40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	343.54	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.00	
			<i>For Dynamic Damper, Add</i>	132.00	
			<i>For 3 Hour Rated, Add</i>	73.34	
23 33 13 16-0259	EA		40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	367.14	36.84
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.69	
			<i>For Dynamic Damper, Add</i>	138.46	
			<i>For 3 Hour Rated, Add</i>	76.92	
23 33 13 16-0260	EA		40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	384.90	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.37	
			<i>For Dynamic Damper, Add</i>	144.90	
			<i>For 3 Hour Rated, Add</i>	80.50	
23 33 13 16-0261	EA		40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	416.03	44.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	63.44	
			<i>For Dynamic Damper, Add</i>	152.26	
			<i>For 3 Hour Rated, Add</i>	84.59	
23 33 13 16-0262	EA		40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	441.34	48.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.51	
			<i>For Dynamic Damper, Add</i>	159.63	
			<i>For 3 Hour Rated, Add</i>	88.69	
23 33 13 16-0263	EA		40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	471.13	51.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	71.12	
			<i>For Dynamic Damper, Add</i>	170.69	
			<i>For 3 Hour Rated, Add</i>	94.83	
23 33 13 16-0264	EA		40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	516.81	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	79.56	
			<i>For Dynamic Damper, Add</i>	190.94	
			<i>For 3 Hour Rated, Add</i>	106.08	
23 33 13 16-0265	EA		40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	546.57	57.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	84.16	
			<i>For Dynamic Damper, Add</i>	201.98	
			<i>For 3 Hour Rated, Add</i>	112.21	
23 33 13 16-0266	EA		40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	588.77	58.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	92.61	
			<i>For Dynamic Damper, Add</i>	222.25	
			<i>For 3 Hour Rated, Add</i>	123.47	
23 33 13 16-0267	EA		40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	632.19	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	100.28	
			<i>For Dynamic Damper, Add</i>	240.66	
			<i>For 3 Hour Rated, Add</i>	133.70	
23 33 13 16-0268	EA		44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	318.24	29.15
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.93	
			<i>For Dynamic Damper, Add</i>	124.64	
			<i>For 3 Hour Rated, Add</i>	69.24	
23 33 13 16-0269	EA		44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	337.71	31.01
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.00	
			<i>For Dynamic Damper, Add</i>	132.00	
			<i>For 3 Hour Rated, Add</i>	73.34	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0270 EA 44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.79 57.31 137.54 76.41	32.99
23 33 13 16-0271 EA 44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.02 58.07 139.38 77.43	34.97
23 33 13 16-0272 EA 44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	382.49 61.14 146.75 81.53	36.84
23 33 13 16-0273 EA 44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	401.97 64.22 154.12 85.62	38.82
23 33 13 16-0274 EA 44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	442.34 68.05 163.32 90.74	46.63
23 33 13 16-0275 EA 44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	471.03 71.88 172.52 95.84	50.47
23 33 13 16-0276 EA 44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	516.81 79.56 190.94 106.08	54.32
23 33 13 16-0277 EA 44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	559.15 86.47 207.52 115.29	58.29
23 33 13 16-0278 EA 44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	604.89 94.13 225.92 125.51	62.13
23 33 13 16-0279 EA 44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	641.41 101.04 242.49 134.72	63.99
23 33 13 16-0280 EA 44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	677.95 107.95 259.08 143.93	65.98
23 33 13 16-0281 EA 44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	714.49 114.86 275.66 153.14	67.96
23 33 13 16-0282 EA 48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	334.29 54.23 130.16 72.31	31.01
23 33 13 16-0283 EA 48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.79 57.31 137.54 76.41	32.99
23 33 13 16-0284 EA 48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.02 58.07 139.38 77.43	34.97
23 33 13 16-0285 EA 48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	384.90 60.37 144.90 80.50	38.82
23 33 13 16-0286 EA 48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	410.20 63.44 152.26 84.59	42.67
23 33 13 16-0287 EA 48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	435.51 66.51 159.63 88.69	46.63
23 33 13 16-0288 EA 48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	467.64 71.12 170.69 94.83	50.47
23 33 13 16-0289 EA 48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	499.74 75.72 181.73 100.96	54.32
23 33 13 16-0290 EA 48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	542.10 82.63 198.31 110.17	58.29



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0291	EA		48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	591.25	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	91.06	
			<i>For Dynamic Damper, Add</i>	218.55	
			<i>For 3 Hour Rated, Add</i>	121.42	
23 33 13 16-0292	EA		48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	627.80	63.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	97.98	
			<i>For Dynamic Damper, Add</i>	235.14	
			<i>For 3 Hour Rated, Add</i>	130.64	
23 33 13 16-0293	EA		48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	674.53	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	107.18	
			<i>For Dynamic Damper, Add</i>	257.23	
			<i>For 3 Hour Rated, Add</i>	142.91	
23 33 13 16-0294	EA		48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	716.92	69.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	114.09	
			<i>For Dynamic Damper, Add</i>	273.82	
			<i>For 3 Hour Rated, Add</i>	152.12	
23 33 13 16-0295	EA		48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	763.66	71.81
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	123.30	
			<i>For Dynamic Damper, Add</i>	295.91	
			<i>For 3 Hour Rated, Add</i>	164.40	
23 33 13 16-0296	EA		48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	808.43	77.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	129.44	
			<i>For Dynamic Damper, Add</i>	310.65	
			<i>For 3 Hour Rated, Add</i>	172.58	
23 33 13 16-0297	EA		52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	350.37	32.99
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	56.54	
			<i>For Dynamic Damper, Add</i>	135.69	
			<i>For 3 Hour Rated, Add</i>	75.38	
23 33 13 16-0298	EA		52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	369.83	34.97
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	59.61	
			<i>For Dynamic Damper, Add</i>	143.06	
			<i>For 3 Hour Rated, Add</i>	79.48	
23 33 13 16-0299	EA		52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	395.14	38.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	62.68	
			<i>For Dynamic Damper, Add</i>	150.43	
			<i>For 3 Hour Rated, Add</i>	83.57	
23 33 13 16-0300	EA		52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	410.20	42.67
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	63.44	
			<i>For Dynamic Damper, Add</i>	152.26	
			<i>For 3 Hour Rated, Add</i>	84.59	
23 33 13 16-0301	EA		52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	437.23	46.63
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.90	
			<i>For Dynamic Damper, Add</i>	160.56	
			<i>For 3 Hour Rated, Add</i>	89.20	
23 33 13 16-0302	EA		52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	464.22	50.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	70.35	
			<i>For Dynamic Damper, Add</i>	168.84	
			<i>For 3 Hour Rated, Add</i>	93.80	
23 33 13 16-0303	EA		52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	496.35	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	74.96	
			<i>For Dynamic Damper, Add</i>	179.90	
			<i>For 3 Hour Rated, Add</i>	99.94	
23 33 13 16-0304	EA		52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	528.46	58.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	79.56	
			<i>For Dynamic Damper, Add</i>	190.94	
			<i>For 3 Hour Rated, Add</i>	106.08	
23 33 13 16-0305	EA		52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	570.81	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	86.47	
			<i>For Dynamic Damper, Add</i>	207.52	
			<i>For 3 Hour Rated, Add</i>	115.29	
23 33 13 16-0306	EA		52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	623.38	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	95.67	
			<i>For Dynamic Damper, Add</i>	229.61	
			<i>For 3 Hour Rated, Add</i>	127.56	
23 33 13 16-0307	EA		52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	663.31	67.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	103.34	
			<i>For Dynamic Damper, Add</i>	248.02	
			<i>For 3 Hour Rated, Add</i>	137.79	
23 33 13 16-0308	EA		52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	713.49	69.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	113.32	
			<i>For Dynamic Damper, Add</i>	271.97	
			<i>For 3 Hour Rated, Add</i>	151.10	
23 33 13 16-0309	EA		52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	766.05	73.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	122.52	
			<i>For Dynamic Damper, Add</i>	294.06	
			<i>For 3 Hour Rated, Add</i>	163.37	
23 33 13 16-0310	EA		52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	808.43	77.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	129.44	
			<i>For Dynamic Damper, Add</i>	310.65	
			<i>For 3 Hour Rated, Add</i>	172.58	
23 33 13 16-0311	EA		52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	866.82	83.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	138.64	
			<i>For Dynamic Damper, Add</i>	332.74	
			<i>For 3 Hour Rated, Add</i>	184.86	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0312 EA 52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	912.59 146.32 351.16 195.09	87.31
23 33 13 16-0313 EA 56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.02 58.07 139.38 77.43	34.97
23 33 13 16-0314 EA 56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	391.71 61.91 148.58 82.54	38.82
23 33 13 16-0315 EA 56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	413.63 64.22 154.12 85.62	42.67
23 33 13 16-0316 EA 56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	428.68 64.98 155.95 86.64	46.63
23 33 13 16-0317 EA 56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.11 69.20 166.08 92.27	50.47
23 33 13 16-0318 EA 56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	489.52 73.42 176.21 97.89	54.32
23 33 13 16-0319 EA 56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	519.93 77.64 186.34 103.52	58.29
23 33 13 16-0320 EA 56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	550.34 81.86 196.46 109.15	62.13
23 33 13 16-0321 EA 56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	602.91 91.06 218.55 121.42	65.98
23 33 13 16-0322 EA 56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	649.68 100.28 240.66 133.70	67.96
23 33 13 16-0323 EA 56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	693.02 108.72 260.92 144.95	69.82
23 33 13 16-0324 EA 56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	752.44 119.46 286.71 159.28	73.79
23 33 13 16-0325 EA 56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	805.00 128.67 308.80 171.56	77.64
23 33 13 16-0326 EA 56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	860.99 138.64 332.74 184.86	81.48
23 33 13 16-0327 EA 56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	906.76 146.32 351.16 195.09	85.45
23 33 13 16-0328 EA 56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	962.76 156.29 375.11 208.39	89.30
23 33 13 16-0329 EA 56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,018.76 166.27 399.05 221.69	93.14
23 33 13 16-0330 EA 60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	384.90 60.37 144.90 80.50	38.82
23 33 13 16-0331 EA 60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	413.63 64.22 154.12 85.62	42.67
23 33 13 16-0332 EA 60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	432.08 65.74 157.78 87.66	46.63

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0333	EA		60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	447.17	50.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.51	
			<i>For Dynamic Damper, Add</i>	159.63	
			<i>For 3 Hour Rated, Add</i>	88.69	
23 33 13 16-0334	EA		60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	479.30	54.32
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	71.12	
			<i>For Dynamic Damper, Add</i>	170.69	
			<i>For 3 Hour Rated, Add</i>	94.83	
23 33 13 16-0335	EA		60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	511.39	58.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	75.72	
			<i>For Dynamic Damper, Add</i>	181.73	
			<i>For 3 Hour Rated, Add</i>	100.96	
23 33 13 16-0336	EA		60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	545.22	62.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	80.71	
			<i>For Dynamic Damper, Add</i>	193.70	
			<i>For 3 Hour Rated, Add</i>	107.61	
23 33 13 16-0337	EA		60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	579.05	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	85.70	
			<i>For Dynamic Damper, Add</i>	205.67	
			<i>For 3 Hour Rated, Add</i>	114.26	
23 33 13 16-0338	EA		60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	629.21	67.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	95.67	
			<i>For Dynamic Damper, Add</i>	229.61	
			<i>For 3 Hour Rated, Add</i>	127.56	
23 33 13 16-0339	EA		60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	675.97	69.82
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	104.88	
			<i>For Dynamic Damper, Add</i>	251.71	
			<i>For 3 Hour Rated, Add</i>	139.84	
23 33 13 16-0340	EA		60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	731.98	73.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	114.86	
			<i>For Dynamic Damper, Add</i>	275.66	
			<i>For 3 Hour Rated, Add</i>	153.14	
23 33 13 16-0341	EA		60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	787.97	77.64
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	124.83	
			<i>For Dynamic Damper, Add</i>	299.60	
			<i>For 3 Hour Rated, Add</i>	166.45	
23 33 13 16-0342	EA		60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	833.72	81.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	132.51	
			<i>For Dynamic Damper, Add</i>	318.02	
			<i>For 3 Hour Rated, Add</i>	176.68	
23 33 13 16-0343	EA		60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	899.94	85.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	144.78	
			<i>For Dynamic Damper, Add</i>	347.48	
			<i>For 3 Hour Rated, Add</i>	193.04	
23 33 13 16-0344	EA		60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	959.34	89.30
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	155.52	
			<i>For Dynamic Damper, Add</i>	373.26	
			<i>For 3 Hour Rated, Add</i>	207.37	
23 33 13 16-0345	EA		60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	1,018.76	93.14
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	166.27	
			<i>For Dynamic Damper, Add</i>	399.05	
			<i>For 3 Hour Rated, Add</i>	221.69	
23 33 13 16-0346	EA		60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	1,071.31	97.11
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	175.47	
			<i>For Dynamic Damper, Add</i>	421.13	
			<i>For 3 Hour Rated, Add</i>	233.96	
23 33 13 16-0347	EA		60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	1,123.93	100.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	184.69	
			<i>For Dynamic Damper, Add</i>	443.25	
			<i>For 3 Hour Rated, Add</i>	246.25	
<b>23 33 13 16-0348</b>			<b>Round 2 Hour Fire Damper</b> <small>(23 33 13 16)</small>		
23 33 13 16-0349	EA		4" Round 2 Hour Fire Damper .....	125.75	23.32
23 33 13 16-0350	EA		5" Round 2 Hour Fire Damper .....	131.42	23.32
23 33 13 16-0351	EA		6" Round 2 Hour Fire Damper .....	154.78	26.46
23 33 13 16-0352	EA		7" Round 2 Hour Fire Damper .....	160.94	26.46
23 33 13 16-0353	EA		8" Round 2 Hour Fire Damper .....	193.98	29.15
23 33 13 16-0354	EA		9" Round 2 Hour Fire Damper .....	210.93	29.15
23 33 13 16-0355	EA		10" Round 2 Hour Fire Damper .....	234.40	32.41
23 33 13 16-0356	EA		12" Round 2 Hour Fire Damper .....	263.28	36.49
23 33 13 16-0357	EA		14" Round 2 Hour Fire Damper .....	299.16	41.61
<b>23 33 13 16-0358</b>			<b>Round 4 Hour Fire Damper</b> <small>(23 33 13 16)</small>		
23 33 13 16-0359	EA		4" Round 4 Hour Fire Damper .....	141.61	26.46
23 33 13 16-0360	EA		5" Round 4 Hour Fire Damper .....	157.05	26.46
23 33 13 16-0361	EA		6" Round 4 Hour Fire Damper .....	178.00	29.15
23 33 13 16-0362	EA		7" Round 4 Hour Fire Damper .....	197.92	29.15
23 33 13 16-0363	EA		8" Round 4 Hour Fire Damper .....	224.36	32.41
23 33 13 16-0364	EA		9" Round 4 Hour Fire Damper .....	236.50	32.41
23 33 13 16-0365	EA		10" Round 4 Hour Fire Damper .....	263.65	36.49
23 33 13 16-0366	EA		12" Round 4 Hour Fire Damper .....	291.44	41.61
23 33 13 16-0367	EA		14" Round 4 Hour Fire Damper .....	340.03	48.61



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

**23 33 13 19 Smoke-Control Dampers** (23 33 13)

**23 33 13 19-0001 Combination Smoke/Fire Damper** (23 33 13 19)

Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.

23 33 13 19-0002	EA 6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	598.72	
	For Dynamic Damper, Add	291.86	
	For 3 Hour Rated, Add	162.15	
23 33 13 19-0003	EA 8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	614.53	20.29
	For Dynamic Damper, Add	298.99	
	For 3 Hour Rated, Add	166.10	
23 33 13 19-0004	EA 8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	628.26	20.46
	For Dynamic Damper, Add	306.21	
	For 3 Hour Rated, Add	170.12	
23 33 13 19-0005	EA 10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	592.98	20.46
	For Dynamic Damper, Add	287.16	
	For 3 Hour Rated, Add	159.53	
23 33 13 19-0006	EA 10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	607.18	20.98
	For Dynamic Damper, Add	293.88	
	For 3 Hour Rated, Add	163.27	
23 33 13 19-0007	EA 10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	639.16	23.26
	For Dynamic Damper, Add	307.37	
	For 3 Hour Rated, Add	170.76	
23 33 13 19-0008	EA 12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	607.18	20.98
	For Dynamic Damper, Add	293.88	
	For 3 Hour Rated, Add	163.27	
23 33 13 19-0009	EA 12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	635.66	22.21
	For Dynamic Damper, Add	307.37	
	For 3 Hour Rated, Add	170.76	
23 33 13 19-0010	EA 12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	651.62	23.26
	For Dynamic Damper, Add	314.10	
	For 3 Hour Rated, Add	174.50	
23 33 13 19-0011	EA 12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	672.88	26.23
	For Dynamic Damper, Add	320.87	
	For 3 Hour Rated, Add	178.26	
23 33 13 19-0012	EA 14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	629.44	22.21
	For Dynamic Damper, Add	304.01	
	For 3 Hour Rated, Add	168.90	
23 33 13 19-0013	EA 14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	651.62	23.26
	For Dynamic Damper, Add	314.10	
	For 3 Hour Rated, Add	174.50	
23 33 13 19-0014	EA 14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	667.64	24.48
	For Dynamic Damper, Add	320.87	
	For 3 Hour Rated, Add	178.26	
23 33 13 19-0015	EA 14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	685.41	26.23
	For Dynamic Damper, Add	327.63	
	For 3 Hour Rated, Add	182.02	
23 33 13 19-0016	EA 14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	725.38	29.20
	For Dynamic Damper, Add	344.49	
	For 3 Hour Rated, Add	191.39	
23 33 13 19-0017	EA 16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	711.88	23.26
	For Dynamic Damper, Add	346.64	
	For 3 Hour Rated, Add	192.58	
23 33 13 19-0018	EA 16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	724.87	25.01
	For Dynamic Damper, Add	350.83	
	For 3 Hour Rated, Add	194.90	
23 33 13 19-0019	EA 16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	739.62	27.46
	For Dynamic Damper, Add	355.01	
	For 3 Hour Rated, Add	197.23	
23 33 13 19-0020	EA 16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	752.51	29.20
	For Dynamic Damper, Add	359.14	
	For 3 Hour Rated, Add	199.52	
23 33 13 19-0021	EA 16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	780.60	32.00
	For Dynamic Damper, Add	369.59	
	For 3 Hour Rated, Add	205.33	
23 33 13 19-0022	EA 16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	808.64	34.97
	For Dynamic Damper, Add	380.01	
	For 3 Hour Rated, Add	211.12	
23 33 13 19-0023	EA 18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	723.12	24.48
	For Dynamic Damper, Add	350.83	
	For 3 Hour Rated, Add	194.90	
23 33 13 19-0024	EA 18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	739.91	26.23
	For Dynamic Damper, Add	357.06	
	For 3 Hour Rated, Add	198.37	
23 33 13 19-0025	EA 18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	760.31	29.20
	For Dynamic Damper, Add	363.36	
	For 3 Hour Rated, Add	201.86	
23 33 13 19-0026	EA 18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	788.35	32.00
	For Dynamic Damper, Add	373.78	
	For 3 Hour Rated, Add	207.65	
23 33 13 19-0027	EA 18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	812.49	34.97
	For Dynamic Damper, Add	382.09	
	For 3 Hour Rated, Add	212.27	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0028	EA		18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	840.54	37.77
			<i>For Dynamic Damper, Add</i>	392.52	
			<i>For 3 Hour Rated, Add</i>	218.06	
23 33 13 19-0029	EA		18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	860.88	40.75
			<i>For Dynamic Damper, Add</i>	398.78	
			<i>For 3 Hour Rated, Add</i>	221.54	
23 33 13 19-0030	EA		20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	736.11	26.23
			<i>For Dynamic Damper, Add</i>	355.01	
			<i>For 3 Hour Rated, Add</i>	197.23	
23 33 13 19-0031	EA		20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	760.26	29.20
			<i>For Dynamic Damper, Add</i>	363.33	
			<i>For 3 Hour Rated, Add</i>	201.85	
23 33 13 19-0032	EA		20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	784.45	32.00
			<i>For Dynamic Damper, Add</i>	371.67	
			<i>For 3 Hour Rated, Add</i>	206.48	
23 33 13 19-0033	EA		20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	824.14	34.97
			<i>For Dynamic Damper, Add</i>	388.38	
			<i>For 3 Hour Rated, Add</i>	215.77	
23 33 13 19-0034	EA		20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	844.44	37.77
			<i>For Dynamic Damper, Add</i>	394.62	
			<i>For 3 Hour Rated, Add</i>	219.23	
23 33 13 19-0035	EA		20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	864.73	40.75
			<i>For Dynamic Damper, Add</i>	400.86	
			<i>For 3 Hour Rated, Add</i>	222.70	
23 33 13 19-0036	EA		20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	888.93	43.72
			<i>For Dynamic Damper, Add</i>	409.20	
			<i>For 3 Hour Rated, Add</i>	227.33	
23 33 13 19-0037	EA		20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	913.06	46.52
			<i>For Dynamic Damper, Add</i>	417.51	
			<i>For 3 Hour Rated, Add</i>	231.95	
23 33 13 19-0038	EA		24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	753.16	29.20
			<i>For Dynamic Damper, Add</i>	359.49	
			<i>For 3 Hour Rated, Add</i>	199.72	
23 33 13 19-0039	EA		24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	777.52	32.00
			<i>For Dynamic Damper, Add</i>	367.93	
			<i>For 3 Hour Rated, Add</i>	204.41	
23 33 13 19-0040	EA		24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	796.70	34.97
			<i>For Dynamic Damper, Add</i>	373.57	
			<i>For 3 Hour Rated, Add</i>	207.54	
23 33 13 19-0041	EA		24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	821.00	37.77
			<i>For Dynamic Damper, Add</i>	381.96	
			<i>For 3 Hour Rated, Add</i>	212.20	
23 33 13 19-0042	EA		24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	837.56	40.75
			<i>For Dynamic Damper, Add</i>	386.19	
			<i>For 3 Hour Rated, Add</i>	214.55	
23 33 13 19-0043	EA		24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	854.08	43.72
			<i>For Dynamic Damper, Add</i>	390.38	
			<i>For 3 Hour Rated, Add</i>	216.88	
23 33 13 19-0044	EA		24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	878.41	46.52
			<i>For Dynamic Damper, Add</i>	398.80	
			<i>For 3 Hour Rated, Add</i>	221.56	
23 33 13 19-0045	EA		24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	911.49	52.46
			<i>For Dynamic Damper, Add</i>	407.22	
			<i>For 3 Hour Rated, Add</i>	226.23	
23 33 13 19-0046	EA		24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	949.78	58.23
			<i>For Dynamic Damper, Add</i>	418.46	
			<i>For 3 Hour Rated, Add</i>	232.48	
23 33 13 19-0047	EA		28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	777.52	32.00
			<i>For Dynamic Damper, Add</i>	367.93	
			<i>For 3 Hour Rated, Add</i>	204.41	
23 33 13 19-0048	EA		28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	796.70	34.97
			<i>For Dynamic Damper, Add</i>	373.57	
			<i>For 3 Hour Rated, Add</i>	207.54	
23 33 13 19-0049	EA		28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	821.00	37.77
			<i>For Dynamic Damper, Add</i>	381.96	
			<i>For 3 Hour Rated, Add</i>	212.20	
23 33 13 19-0050	EA		28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	840.15	40.75
			<i>For Dynamic Damper, Add</i>	387.59	
			<i>For 3 Hour Rated, Add</i>	215.33	
23 33 13 19-0051	EA		28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	861.90	43.72
			<i>For Dynamic Damper, Add</i>	394.61	
			<i>For 3 Hour Rated, Add</i>	219.23	
23 33 13 19-0052	EA		28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	883.60	46.52
			<i>For Dynamic Damper, Add</i>	401.60	
			<i>For 3 Hour Rated, Add</i>	223.11	
23 33 13 19-0053	EA		28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	916.68	52.46
			<i>For Dynamic Damper, Add</i>	410.02	
			<i>For 3 Hour Rated, Add</i>	227.79	
23 33 13 19-0054	EA		28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	949.78	58.23
			<i>For Dynamic Damper, Add</i>	418.46	
			<i>For 3 Hour Rated, Add</i>	232.48	
23 33 13 19-0055	EA		28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	989.71	61.21
			<i>For Dynamic Damper, Add</i>	435.29	
			<i>For 3 Hour Rated, Add</i>	241.83	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0056 EA 28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,033.20 449.33 249.63	66.98
23 33 13 19-0057 EA 32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	812.25 381.96 212.20	34.97
23 33 13 19-0058 EA 32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	826.19 384.77 213.76	37.77
23 33 13 19-0059 EA 32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	840.15 387.59 215.33	40.75
23 33 13 19-0060 EA 32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	859.27 393.18 218.44	43.72
23 33 13 19-0061 EA 32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	884.57 402.13 223.40	46.52
23 33 13 19-0062 EA 32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	916.68 410.02 227.79	52.46
23 33 13 19-0063 EA 32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	955.00 421.28 234.04	58.23
23 33 13 19-0064 EA 32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	993.30 432.51 240.29	63.99
23 33 13 19-0065 EA 32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,033.20 449.33 249.63	66.98
23 33 13 19-0066 EA 32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,083.61 469.01 260.56	71.70
23 33 13 19-0067 EA 32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,137.40 491.44 273.02	75.71
23 33 13 19-0068 EA 36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	852.88 399.18 221.77	37.77
23 33 13 19-0069 EA 36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	872.88 405.26 225.14	40.75
23 33 13 19-0070 EA 36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	892.94 411.37 228.54	43.72
23 33 13 19-0071 EA 36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	918.65 420.53 233.63	46.52
23 33 13 19-0072 EA 36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	944.64 425.12 236.18	52.46
23 33 13 19-0073 EA 36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	961.85 429.69 238.72	55.26
23 33 13 19-0074 EA 36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,016.36 444.97 247.20	63.99
23 33 13 19-0075 EA 36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,062.05 460.19 255.66	69.95
23 33 13 19-0076 EA 36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,102.95 478.50 265.84	72.22
23 33 13 19-0077 EA 36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,163.91 502.92 279.40	77.47
23 33 13 19-0078 EA 36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,215.65 524.26 291.26	81.48
23 33 13 19-0079 EA 36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,269.61 548.67 304.82	84.45
23 33 13 19-0080 EA 40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,377.40 677.70 376.50	43.72
23 33 13 19-0081 EA 40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,416.45 694.06 385.59	46.52
23 33 13 19-0082 EA 40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,432.80 698.17 387.87	49.49
23 33 13 19-0083 EA 40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,449.15 702.28 390.16	52.46



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0084	EA		40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,493.18	55.26
			<i>For Dynamic Damper, Add</i>	716.61	
			<i>For 3 Hour Rated, Add</i>	398.12	
23 33 13 19-0085	EA		40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,528.50	58.23
			<i>For Dynamic Damper, Add</i>	730.97	
			<i>For 3 Hour Rated, Add</i>	406.09	
23 33 13 19-0086	EA		40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,585.09	66.98
			<i>For Dynamic Damper, Add</i>	747.35	
			<i>For 3 Hour Rated, Add</i>	415.20	
23 33 13 19-0087	EA		40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,632.87	72.74
			<i>For Dynamic Damper, Add</i>	763.72	
			<i>For 3 Hour Rated, Add</i>	424.29	
23 33 13 19-0088	EA		40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,692.42	77.47
			<i>For Dynamic Damper, Add</i>	788.32	
			<i>For 3 Hour Rated, Add</i>	437.96	
23 33 13 19-0089	EA		40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,788.03	81.48
			<i>For Dynamic Damper, Add</i>	833.34	
			<i>For 3 Hour Rated, Add</i>	462.97	
23 33 13 19-0090	EA		40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,847.50	86.21
			<i>For Dynamic Damper, Add</i>	857.90	
			<i>For 3 Hour Rated, Add</i>	476.61	
23 33 13 19-0091	EA		40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,937.96	88.48
			<i>For Dynamic Damper, Add</i>	902.97	
			<i>For 3 Hour Rated, Add</i>	501.65	
23 33 13 19-0092	EA		40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,027.82	93.20
			<i>For Dynamic Damper, Add</i>	943.94	
			<i>For 3 Hour Rated, Add</i>	524.41	
23 33 13 19-0093	EA		44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,401.32	43.72
			<i>For Dynamic Damper, Add</i>	685.89	
			<i>For 3 Hour Rated, Add</i>	381.05	
23 33 13 19-0094	EA		44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,440.41	46.52
			<i>For Dynamic Damper, Add</i>	702.28	
			<i>For 3 Hour Rated, Add</i>	390.16	
23 33 13 19-0095	EA		44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,471.93	49.49
			<i>For Dynamic Damper, Add</i>	714.58	
			<i>For 3 Hour Rated, Add</i>	396.99	
23 33 13 19-0096	EA		44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,488.29	52.46
			<i>For Dynamic Damper, Add</i>	718.69	
			<i>For 3 Hour Rated, Add</i>	399.27	
23 33 13 19-0097	EA		44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,527.37	55.26
			<i>For Dynamic Damper, Add</i>	735.08	
			<i>For 3 Hour Rated, Add</i>	408.38	
23 33 13 19-0098	EA		44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,566.41	58.23
			<i>For Dynamic Damper, Add</i>	751.44	
			<i>For 3 Hour Rated, Add</i>	417.47	
23 33 13 19-0099	EA		44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,639.35	69.95
			<i>For Dynamic Damper, Add</i>	771.94	
			<i>For 3 Hour Rated, Add</i>	428.85	
23 33 13 19-0100	EA		44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,694.69	75.71
			<i>For Dynamic Damper, Add</i>	792.38	
			<i>For 3 Hour Rated, Add</i>	440.21	
23 33 13 19-0101	EA		44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,788.03	81.48
			<i>For Dynamic Damper, Add</i>	833.34	
			<i>For 3 Hour Rated, Add</i>	462.97	
23 33 13 19-0102	EA		44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,873.77	87.43
			<i>For Dynamic Damper, Add</i>	870.20	
			<i>For 3 Hour Rated, Add</i>	483.44	
23 33 13 19-0103	EA		44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,967.08	93.20
			<i>For Dynamic Damper, Add</i>	911.14	
			<i>For 3 Hour Rated, Add</i>	506.19	
23 33 13 19-0104	EA		44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,044.07	96.00
			<i>For Dynamic Damper, Add</i>	948.00	
			<i>For 3 Hour Rated, Add</i>	526.67	
23 33 13 19-0105	EA		44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,121.12	98.97
			<i>For Dynamic Damper, Add</i>	984.88	
			<i>For 3 Hour Rated, Add</i>	547.16	
23 33 13 19-0106	EA		44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,198.16	101.94
			<i>For Dynamic Damper, Add</i>	1,021.76	
			<i>For 3 Hour Rated, Add</i>	567.65	
23 33 13 19-0107	EA		48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,432.80	46.52
			<i>For Dynamic Damper, Add</i>	698.17	
			<i>For 3 Hour Rated, Add</i>	387.87	
23 33 13 19-0108	EA		48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,471.93	49.49
			<i>For Dynamic Damper, Add</i>	714.58	
			<i>For 3 Hour Rated, Add</i>	396.99	
23 33 13 19-0109	EA		48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,488.29	52.46
			<i>For Dynamic Damper, Add</i>	718.69	
			<i>For 3 Hour Rated, Add</i>	399.27	
23 33 13 19-0110	EA		48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,528.50	58.23
			<i>For Dynamic Damper, Add</i>	730.97	
			<i>For 3 Hour Rated, Add</i>	406.09	
23 33 13 19-0111	EA		48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,576.34	63.99
			<i>For Dynamic Damper, Add</i>	747.35	
			<i>For 3 Hour Rated, Add</i>	415.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0112 EA 48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,624.13 763.72 424.29	69.95
23 33 13 19-0113 EA 48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,687.17 788.32 437.96	75.71
23 33 13 19-0114 EA 48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,750.12 812.87 451.60	81.48
23 33 13 19-0115 EA 48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,835.87 849.73 472.07	87.43
23 33 13 19-0116 EA 48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,936.73 894.75 497.09	93.20
23 33 13 19-0117 EA 48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,013.82 931.66 517.59	96.00
23 33 13 19-0118 EA 48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,113.51 980.77 544.87	98.97
23 33 13 19-0119 EA 48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,199.29 1,017.65 565.36	104.74
23 33 13 19-0120 EA 48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,299.08 1,066.81 592.67	107.71
23 33 13 19-0121 EA 48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,385.95 1,099.56 610.87	116.46
23 33 13 19-0122 EA 52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,464.32 710.47 394.71	49.49
23 33 13 19-0123 EA 52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,503.42 726.86 403.81	52.46
23 33 13 19-0124 EA 52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,551.24 743.25 412.91	58.23
23 33 13 19-0125 EA 52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,576.34 747.35 415.20	63.99
23 33 13 19-0126 EA 52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,627.98 765.80 425.44	69.95
23 33 13 19-0127 EA 52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,679.56 784.21 435.67	75.71
23 33 13 19-0128 EA 52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,742.56 808.79 449.33	81.48
23 33 13 19-0129 EA 52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,805.52 833.34 462.97	87.43
23 33 13 19-0130 EA 52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,891.26 870.20 483.44	93.20
23 33 13 19-0131 EA 52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,999.79 919.36 510.76	98.97
23 33 13 19-0132 EA 52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,084.30 960.28 533.49	101.94
23 33 13 19-0133 EA 52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,191.73 1,013.57 563.09	104.74
23 33 13 19-0134 EA 52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,300.16 1,062.68 590.38	110.69
23 33 13 19-0135 EA 52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,385.95 1,099.56 610.87	116.46
23 33 13 19-0136 EA 52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,503.16 1,148.69 638.16	125.20
23 33 13 19-0137 EA 52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,596.51 1,189.66 660.92	130.97
23 33 13 19-0138 EA 56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,488.29 718.69 399.27	52.46
23 33 13 19-0139 EA 56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,543.63 739.14 410.63	58.23

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 33 Air Duct Accessories**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,583.90 751.44 417.47	63.99
23 33 13	19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,608.96 755.52 419.74	69.95
23 33 13	19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,668.19 778.07 432.26	75.71
23 33 13	19-0143	EA	56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,727.39 800.60 444.78	81.48
23 33 13	19-0144	EA	56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,786.54 823.10 457.28	87.43
23 33 13	19-0145	EA	56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,845.75 845.62 469.79	93.20
23 33 13	19-0146	EA	56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,954.22 894.75 497.09	98.97
23 33 13	19-0147	EA	56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,054.05 943.94 524.41	101.94
23 33 13	19-0148	EA	56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,146.16 988.96 549.42	104.74
23 33 13	19-0149	EA	56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,269.86 1,046.31 581.29	110.69
23 33 13	19-0150	EA	56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,378.34 1,095.45 608.58	116.46
23 33 13	19-0151	EA	56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,494.43 1,148.69 638.16	122.23
23 33 13	19-0152	EA	56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,587.76 1,189.66 660.92	128.17
23 33 13	19-0153	EA	56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,703.85 1,242.90 690.50	133.94
23 33 13	19-0154	EA	56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,819.94 1,296.15 720.08	139.72
23 33 13	19-0155	EA	60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,528.50 730.97 406.09	58.23
23 33 13	19-0156	EA	60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,583.90 751.44 417.47	63.99
23 33 13	19-0157	EA	60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,616.56 759.63 422.02	69.95
23 33 13	19-0158	EA	60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,641.61 763.72 424.29	75.71
23 33 13	19-0159	EA	60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,704.65 788.32 437.96	81.48
23 33 13	19-0160	EA	60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,767.61 812.87 451.60	87.43
23 33 13	19-0161	EA	60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,834.38 839.48 466.38	93.20
23 33 13	19-0162	EA	60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	1,901.19 866.12 481.18	98.97
23 33 13	19-0163	EA	60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,008.53 919.36 510.76	101.94
23 33 13	19-0164	EA	60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,108.26 968.50 538.05	104.74
23 33 13	19-0165	EA	60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,224.39 1,021.76 567.65	110.69
23 33 13	19-0166	EA	60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,340.48 1,075.01 597.23	116.46
23 33 13	19-0167	EA	60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,433.79 1,115.95 619.97	122.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0168 EA 60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,572.59 1,181.47 656.37	128.17
23 33 13 19-0169 EA 60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,696.29 1,238.82 688.23	133.94
23 33 13 19-0170 EA 60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,819.94 1,296.15 720.08	139.72
23 33 13 19-0171 EA 60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	2,928.36 1,345.25 747.36	145.66
23 33 13 19-0172 EA 60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	3,036.98 1,394.46 774.70	151.43
<b>23 33 13 19-0173 Smoke Damper</b> <small>(23 33 13 19)</small>		
Note: 1-1/2 hour rating, leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0174 EA 6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	127.21 47.73 26.52	12.94
23 33 13 19-0175 EA 8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	131.18 48.93 27.18	13.52
23 33 13 19-0176 EA 8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	133.66 50.14 27.86	13.64
23 33 13 19-0177 EA 10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	133.66 50.14 27.86	13.64
23 33 13 19-0178 EA 10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	137.06 51.35 28.53	13.99
23 33 13 19-0179 EA 10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	146.19 53.76 29.87	15.51
23 33 13 19-0180 EA 12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	137.06 51.35 28.53	13.99
23 33 13 19-0181 EA 12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	143.86 53.76 29.87	14.80
23 33 13 19-0182 EA 12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	148.44 54.98 30.54	15.51
23 33 13 19-0183 EA 12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	156.50 56.18 31.21	17.49
23 33 13 19-0184 EA 14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	142.75 53.16 29.54	14.80
23 33 13 19-0185 EA 14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	148.44 54.98 30.54	15.51
23 33 13 19-0186 EA 14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	153.00 56.18 31.21	16.32
23 33 13 19-0187 EA 14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	158.75 57.40 31.89	17.49
23 33 13 19-0188 EA 14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	170.17 60.42 33.56	19.47
23 33 13 19-0189 EA 16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	229.94 98.99 54.99	15.51
23 33 13 19-0190 EA 16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	235.67 100.19 55.66	16.67
23 33 13 19-0191 EA 16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	242.58 101.41 56.34	18.30
23 33 13 19-0192 EA 16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	248.30 102.61 57.00	19.47
23 33 13 19-0193 EA 16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	259.75 105.64 58.69	21.33
23 33 13 19-0194 EA 16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	271.17 108.66 60.37	23.32
23 33 13 19-0195 EA 18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	234.50 100.19 55.66	16.32

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	241.36 102.01 56.67	17.49
23 33 13	19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	250.56 103.83 57.68	19.47
23 33 13	19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	261.99 106.85 59.36	21.33
23 33 13	19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	272.28 109.26 60.70	23.32
23 33 13	19-0200	EA	18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	283.71 112.29 62.38	25.18
23 33 13	19-0201	EA	18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	292.90 114.10 63.39	27.16
23 33 13	19-0202	EA	20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	240.25 101.41 56.34	17.49
23 33 13	19-0203	EA	20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	250.55 103.82 57.68	19.47
23 33 13	19-0204	EA	20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	260.86 106.24 59.02	21.33
23 33 13	19-0205	EA	20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	275.66 111.08 61.71	23.32
23 33 13	19-0206	EA	20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	284.83 112.89 62.72	25.18
23 33 13	19-0207	EA	20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	294.02 114.71 63.73	27.16
23 33 13	19-0208	EA	20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	304.32 117.12 65.07	29.15
23 33 13	19-0209	EA	20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	314.61 119.53 66.41	31.01
23 33 13	19-0210	EA	24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	317.98 140.23 77.91	19.47
23 33 13	19-0211	EA	24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	330.54 143.87 79.93	21.33
23 33 13	19-0212	EA	24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	340.86 146.29 81.27	23.32
23 33 13	19-0213	EA	24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.39 149.91 83.29	25.18
23 33 13	19-0214	EA	24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	362.58 151.73 84.29	27.16
23 33 13	19-0215	EA	24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	371.75 153.53 85.30	29.15
23 33 13	19-0216	EA	24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	384.30 157.16 87.31	31.01
23 33 13	19-0217	EA	24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	402.66 160.79 89.33	34.97
23 33 13	19-0218	EA	24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	423.29 165.63 92.02	38.82
23 33 13	19-0219	EA	28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	330.54 143.87 79.93	21.33
23 33 13	19-0220	EA	28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	340.86 146.29 81.27	23.32
23 33 13	19-0221	EA	28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	353.39 149.91 83.29	25.18
23 33 13	19-0222	EA	28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.69 152.33 84.63	27.16
23 33 13	19-0223	EA	28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	375.11 155.35 86.30	29.15





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0224 EA 28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	386.53 158.37 87.98	31.01
23 33 13 19-0225 EA 28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	404.90 161.99 90.00	34.97
23 33 13 19-0226 EA 28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	423.29 165.63 92.02	38.82
23 33 13 19-0227 EA 28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	442.53 172.87 96.04	40.80
23 33 13 19-0228 EA 28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	465.39 178.92 99.40	44.64
23 33 13 19-0229 EA 32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	347.57 149.91 83.29	23.32
23 33 13 19-0230 EA 32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	355.61 151.11 83.95	25.18
23 33 13 19-0231 EA 32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.69 152.33 84.63	27.16
23 33 13 19-0232 EA 32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	373.98 154.74 85.97	29.15
23 33 13 19-0233 EA 32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	386.95 158.59 88.11	31.01
23 33 13 19-0234 EA 32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	404.90 161.99 90.00	34.97
23 33 13 19-0235 EA 32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	425.52 166.83 92.69	38.82
23 33 13 19-0236 EA 32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	446.15 171.68 95.38	42.67
23 33 13 19-0237 EA 32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	465.39 178.92 99.40	44.64
23 33 13 19-0238 EA 32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	490.39 187.39 104.10	47.79
23 33 13 19-0239 EA 32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	516.46 197.05 109.47	50.47
23 33 13 19-0240 EA 36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	363.94 155.61 86.45	25.18
23 33 13 19-0241 EA 36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	374.45 158.14 87.86	27.16
23 33 13 19-0242 EA 36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	384.95 160.66 89.26	29.15
23 33 13 19-0243 EA 36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	397.83 164.47 91.37	31.01
23 33 13 19-0244 EA 36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	413.01 166.37 92.43	34.97
23 33 13 19-0245 EA 36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	422.36 168.27 93.49	36.84
23 33 13 19-0246 EA 36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	451.57 174.60 97.00	42.67
23 33 13 19-0247 EA 36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	474.94 180.93 100.52	46.63
23 33 13 19-0248 EA 36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	493.68 188.53 104.74	48.15
23 33 13 19-0249 EA 36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	522.91 198.65 110.36	51.64
23 33 13 19-0250 EA 36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	547.50 207.52 115.29	54.32
23 33 13 19-0251 EA 36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated ..... <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	572.08 217.65 120.92	56.30



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	421.00	29.15
			<i>For Dynamic Damper, Add</i>	183.28	
			<i>For 3 Hour Rated, Add</i>	101.82	
23 33 13	19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	436.20	31.01
			<i>For Dynamic Damper, Add</i>	188.34	
			<i>For 3 Hour Rated, Add</i>	104.63	
23 33 13	19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	444.38	32.99
			<i>For Dynamic Damper, Add</i>	189.60	
			<i>For 3 Hour Rated, Add</i>	105.34	
23 33 13	19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	452.56	34.97
			<i>For Dynamic Damper, Add</i>	190.87	
			<i>For 3 Hour Rated, Add</i>	106.04	
23 33 13	19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	472.42	36.84
			<i>For Dynamic Damper, Add</i>	195.31	
			<i>For 3 Hour Rated, Add</i>	108.50	
23 33 13	19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	486.47	38.82
			<i>For Dynamic Damper, Add</i>	199.75	
			<i>For 3 Hour Rated, Add</i>	110.97	
23 33 13	19-0258	EA	40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	513.33	44.64
			<i>For Dynamic Damper, Add</i>	204.81	
			<i>For 3 Hour Rated, Add</i>	113.78	
23 33 13	19-0259	EA	40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	534.38	48.50
			<i>For Dynamic Damper, Add</i>	209.88	
			<i>For 3 Hour Rated, Add</i>	116.60	
23 33 13	19-0260	EA	40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	557.76	51.64
			<i>For Dynamic Damper, Add</i>	217.47	
			<i>For 3 Hour Rated, Add</i>	120.82	
23 33 13	19-0261	EA	40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	591.72	54.32
			<i>For Dynamic Damper, Add</i>	231.40	
			<i>For 3 Hour Rated, Add</i>	128.55	
23 33 13	19-0262	EA	40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	615.09	57.47
			<i>For Dynamic Damper, Add</i>	238.98	
			<i>For 3 Hour Rated, Add</i>	132.77	
23 33 13	19-0263	EA	40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	645.55	58.99
			<i>For Dynamic Damper, Add</i>	252.91	
			<i>For 3 Hour Rated, Add</i>	140.51	
23 33 13	19-0264	EA	40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	678.34	62.13
			<i>For Dynamic Damper, Add</i>	265.58	
			<i>For 3 Hour Rated, Add</i>	147.55	
23 33 13	19-0265	EA	44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	431.52	29.15
			<i>For Dynamic Damper, Add</i>	185.81	
			<i>For 3 Hour Rated, Add</i>	103.23	
23 33 13	19-0266	EA	44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	446.73	31.01
			<i>For Dynamic Damper, Add</i>	190.87	
			<i>For 3 Hour Rated, Add</i>	106.04	
23 33 13	19-0267	EA	44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	459.61	32.99
			<i>For Dynamic Damper, Add</i>	194.68	
			<i>For 3 Hour Rated, Add</i>	108.16	
23 33 13	19-0268	EA	44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	467.78	34.97
			<i>For Dynamic Damper, Add</i>	195.95	
			<i>For 3 Hour Rated, Add</i>	108.86	
23 33 13	19-0269	EA	44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	482.98	36.84
			<i>For Dynamic Damper, Add</i>	201.01	
			<i>For 3 Hour Rated, Add</i>	111.67	
23 33 13	19-0270	EA	44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	498.19	38.82
			<i>For Dynamic Damper, Add</i>	206.07	
			<i>For 3 Hour Rated, Add</i>	114.49	
23 33 13	19-0271	EA	44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	533.24	46.63
			<i>For Dynamic Damper, Add</i>	212.41	
			<i>For 3 Hour Rated, Add</i>	118.01	
23 33 13	19-0272	EA	44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	556.61	50.47
			<i>For Dynamic Damper, Add</i>	218.73	
			<i>For 3 Hour Rated, Add</i>	121.52	
23 33 13	19-0273	EA	44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	591.72	54.32
			<i>For Dynamic Damper, Add</i>	231.40	
			<i>For 3 Hour Rated, Add</i>	128.55	
23 33 13	19-0274	EA	44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	624.48	58.29
			<i>For Dynamic Damper, Add</i>	242.79	
			<i>For 3 Hour Rated, Add</i>	134.89	
23 33 13	19-0275	EA	44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	659.56	62.13
			<i>For Dynamic Damper, Add</i>	255.44	
			<i>For 3 Hour Rated, Add</i>	141.91	
23 33 13	19-0276	EA	44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	686.50	63.99
			<i>For Dynamic Damper, Add</i>	266.84	
			<i>For 3 Hour Rated, Add</i>	148.25	
23 33 13	19-0277	EA	44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	713.44	65.98
			<i>For Dynamic Damper, Add</i>	278.24	
			<i>For 3 Hour Rated, Add</i>	154.58	
23 33 13	19-0278	EA	44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	740.38	67.96
			<i>For Dynamic Damper, Add</i>	289.64	
			<i>For 3 Hour Rated, Add</i>	160.91	
23 33 13	19-0279	EA	48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	444.38	31.01
			<i>For Dynamic Damper, Add</i>	189.60	
			<i>For 3 Hour Rated, Add</i>	105.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0280 EA 48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	459.61 194.68 108.16	32.99
23 33 13 19-0281 EA 48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	467.78 195.95 108.86	34.97
23 33 13 19-0282 EA 48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	486.47 199.75 110.97	38.82
23 33 13 19-0283 EA 48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	507.50 204.81 113.78	42.67
23 33 13 19-0284 EA 48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	528.55 209.88 116.60	46.63
23 33 13 19-0285 EA 48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	554.27 217.47 120.82	50.47
23 33 13 19-0286 EA 48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	579.98 225.06 125.03	54.32
23 33 13 19-0287 EA 48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	612.74 236.46 131.36	58.29
23 33 13 19-0288 EA 48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	650.19 250.38 139.10	62.13
23 33 13 19-0289 EA 48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	677.14 261.79 145.44	63.99
23 33 13 19-0290 EA 48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	711.09 276.97 153.87	65.98
23 33 13 19-0291 EA 48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	743.86 288.37 160.21	69.82
23 33 13 19-0292 EA 48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	777.82 303.56 168.65	71.81
23 33 13 19-0293 EA 48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	814.07 313.70 174.28	77.64
23 33 13 19-0294 EA 52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	457.27 193.42 107.45	32.99
23 33 13 19-0295 EA 52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	472.46 198.48 110.27	34.97
23 33 13 19-0296 EA 52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	493.49 203.54 113.08	38.82
23 33 13 19-0297 EA 52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	507.50 204.81 113.78	42.67
23 33 13 19-0298 EA 52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	529.72 210.51 116.95	46.63
23 33 13 19-0299 EA 52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	551.93 216.21 120.11	50.47
23 33 13 19-0300 EA 52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	577.65 223.80 124.33	54.32
23 33 13 19-0301 EA 52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	603.37 231.40 128.55	58.29
23 33 13 19-0302 EA 52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	636.14 242.79 134.89	62.13
23 33 13 19-0303 EA 52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	675.92 257.98 143.32	65.98
23 33 13 19-0304 EA 52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	705.19 270.64 150.35	67.96
23 33 13 19-0305 EA 52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	741.51 287.10 159.50	69.82
23 33 13 19-0306 EA 52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	781.29 302.29 167.94	73.79
23 33 13 19-0307 EA 52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Dynamic Damper, Add</i> <i>For 3 Hour Rated, Add</i>	814.07 313.70 174.28	77.64

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0308	EA		52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	859.68	83.47
			<i>For Dynamic Damper, Add</i>	328.89	
			<i>For 3 Hour Rated, Add</i>	182.72	
23 33 13 19-0309	EA		52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	894.80	87.31
			<i>For Dynamic Damper, Add</i>	341.56	
			<i>For 3 Hour Rated, Add</i>	189.75	
23 33 13 19-0310	EA		56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	467.78	34.97
			<i>For Dynamic Damper, Add</i>	195.95	
			<i>For 3 Hour Rated, Add</i>	108.86	
23 33 13 19-0311	EA		56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	491.14	38.82
			<i>For Dynamic Damper, Add</i>	202.27	
			<i>For 3 Hour Rated, Add</i>	112.37	
23 33 13 19-0312	EA		56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	509.85	42.67
			<i>For Dynamic Damper, Add</i>	206.07	
			<i>For 3 Hour Rated, Add</i>	114.49	
23 33 13 19-0313	EA		56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	523.84	46.63
			<i>For Dynamic Damper, Add</i>	207.33	
			<i>For 3 Hour Rated, Add</i>	115.19	
23 33 13 19-0314	EA		56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	548.41	50.47
			<i>For Dynamic Damper, Add</i>	214.30	
			<i>For 3 Hour Rated, Add</i>	119.06	
23 33 13 19-0315	EA		56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	572.96	54.32
			<i>For Dynamic Damper, Add</i>	221.27	
			<i>For 3 Hour Rated, Add</i>	122.93	
23 33 13 19-0316	EA		56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	597.50	58.29
			<i>For Dynamic Damper, Add</i>	228.23	
			<i>For 3 Hour Rated, Add</i>	126.79	
23 33 13 19-0317	EA		56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	622.06	62.13
			<i>For Dynamic Damper, Add</i>	235.19	
			<i>For 3 Hour Rated, Add</i>	130.66	
23 33 13 19-0318	EA		56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	661.85	65.98
			<i>For Dynamic Damper, Add</i>	250.38	
			<i>For 3 Hour Rated, Add</i>	139.10	
23 33 13 19-0319	EA		56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	695.83	67.96
			<i>For Dynamic Damper, Add</i>	265.58	
			<i>For 3 Hour Rated, Add</i>	147.55	
23 33 13 19-0320	EA		56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	727.45	69.82
			<i>For Dynamic Damper, Add</i>	279.51	
			<i>For 3 Hour Rated, Add</i>	155.28	
23 33 13 19-0321	EA		56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	771.93	73.79
			<i>For Dynamic Damper, Add</i>	297.23	
			<i>For 3 Hour Rated, Add</i>	165.13	
23 33 13 19-0322	EA		56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	811.72	77.64
			<i>For Dynamic Damper, Add</i>	312.43	
			<i>For 3 Hour Rated, Add</i>	173.57	
23 33 13 19-0323	EA		56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	853.85	81.48
			<i>For Dynamic Damper, Add</i>	328.89	
			<i>For 3 Hour Rated, Add</i>	182.72	
23 33 13 19-0324	EA		56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	888.97	85.45
			<i>For Dynamic Damper, Add</i>	341.56	
			<i>For 3 Hour Rated, Add</i>	189.75	
23 33 13 19-0325	EA		56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	931.11	89.30
			<i>For Dynamic Damper, Add</i>	358.01	
			<i>For 3 Hour Rated, Add</i>	198.90	
23 33 13 19-0326	EA		56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	973.25	93.14
			<i>For Dynamic Damper, Add</i>	374.47	
			<i>For 3 Hour Rated, Add</i>	208.04	
23 33 13 19-0327	EA		60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	486.47	38.82
			<i>For Dynamic Damper, Add</i>	199.75	
			<i>For 3 Hour Rated, Add</i>	110.97	
23 33 13 19-0328	EA		60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	509.85	42.67
			<i>For Dynamic Damper, Add</i>	206.07	
			<i>For 3 Hour Rated, Add</i>	114.49	
23 33 13 19-0329	EA		60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	526.18	46.63
			<i>For Dynamic Damper, Add</i>	208.60	
			<i>For 3 Hour Rated, Add</i>	115.89	
23 33 13 19-0330	EA		60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	540.21	50.47
			<i>For Dynamic Damper, Add</i>	209.88	
			<i>For 3 Hour Rated, Add</i>	116.60	
23 33 13 19-0331	EA		60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	565.93	54.32
			<i>For Dynamic Damper, Add</i>	217.47	
			<i>For 3 Hour Rated, Add</i>	120.82	
23 33 13 19-0332	EA		60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	591.63	58.29
			<i>For Dynamic Damper, Add</i>	225.06	
			<i>For 3 Hour Rated, Add</i>	125.03	
23 33 13 19-0333	EA		60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	618.54	62.13
			<i>For Dynamic Damper, Add</i>	233.29	
			<i>For 3 Hour Rated, Add</i>	129.61	
23 33 13 19-0334	EA		60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	645.44	65.98
			<i>For Dynamic Damper, Add</i>	241.52	
			<i>For 3 Hour Rated, Add</i>	134.18	
23 33 13 19-0335	EA		60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	681.75	67.96
			<i>For Dynamic Damper, Add</i>	257.98	
			<i>For 3 Hour Rated, Add</i>	143.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0336 EA 60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	715.71	69.82
<i>For Dynamic Damper, Add</i>	273.17	
<i>For 3 Hour Rated, Add</i>	151.76	
23 33 13 19-0337 EA 60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	757.87	73.79
<i>For Dynamic Damper, Add</i>	289.64	
<i>For 3 Hour Rated, Add</i>	160.91	
23 33 13 19-0338 EA 60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	800.00	77.64
<i>For Dynamic Damper, Add</i>	306.10	
<i>For 3 Hour Rated, Add</i>	170.06	
23 33 13 19-0339 EA 60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	835.09	81.48
<i>For Dynamic Damper, Add</i>	318.76	
<i>For 3 Hour Rated, Add</i>	177.09	
23 33 13 19-0340 EA 60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	884.25	85.45
<i>For Dynamic Damper, Add</i>	339.01	
<i>For 3 Hour Rated, Add</i>	188.34	
23 33 13 19-0341 EA 60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	928.74	89.30
<i>For Dynamic Damper, Add</i>	356.73	
<i>For 3 Hour Rated, Add</i>	198.19	
23 33 13 19-0342 EA 60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	973.25	93.14
<i>For Dynamic Damper, Add</i>	374.47	
<i>For 3 Hour Rated, Add</i>	208.04	
23 33 13 19-0343 EA 60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	1,013.01	97.11
<i>For Dynamic Damper, Add</i>	389.65	
<i>For 3 Hour Rated, Add</i>	216.47	
23 33 13 19-0344 EA 60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated .....	1,052.82	100.96
<i>For Dynamic Damper, Add</i>	404.85	
<i>For 3 Hour Rated, Add</i>	224.92	

**23 33 13 23 Backdraft Dampers** (23 33 13)

**23 33 13 23-0001 Horizontally Mounted Backdraft Damper** (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002 EA 6" x 6" Horizontally Mounted Backdraft Damper .....	103.67	12.94
23 33 13 23-0003 EA 8" x 6" Horizontally Mounted Backdraft Damper .....	127.01	13.52
23 33 13 23-0004 EA 8" x 8" Horizontally Mounted Backdraft Damper .....	156.06	13.64
23 33 13 23-0005 EA 10" x 6" Horizontally Mounted Backdraft Damper .....	148.87	13.64
23 33 13 23-0006 EA 10" x 8" Horizontally Mounted Backdraft Damper .....	141.45	13.99
23 33 13 23-0007 EA 10" x 10" Horizontally Mounted Backdraft Damper .....	170.98	15.51
23 33 13 23-0008 EA 12" x 6" Horizontally Mounted Backdraft Damper .....	131.51	13.99
23 33 13 23-0009 EA 12" x 8" Horizontally Mounted Backdraft Damper .....	166.01	15.51
23 33 13 23-0010 EA 12" x 10" Horizontally Mounted Backdraft Damper .....	157.63	16.32
23 33 13 23-0011 EA 12" x 12" Horizontally Mounted Backdraft Damper .....	182.88	17.49
23 33 13 23-0012 EA 14" x 6" Horizontally Mounted Backdraft Damper .....	148.76	14.80
23 33 13 23-0013 EA 14" x 8" Horizontally Mounted Backdraft Damper .....	150.38	16.32
23 33 13 23-0014 EA 14" x 10" Horizontally Mounted Backdraft Damper .....	179.27	17.49
23 33 13 23-0015 EA 14" x 12" Horizontally Mounted Backdraft Damper .....	155.83	19.47
23 33 13 23-0016 EA 14" x 14" Horizontally Mounted Backdraft Damper .....	177.92	21.33
23 33 13 23-0017 EA 16" x 6" Horizontally Mounted Backdraft Damper .....	166.01	15.51
23 33 13 23-0018 EA 16" x 8" Horizontally Mounted Backdraft Damper .....	168.38	17.49
23 33 13 23-0019 EA 16" x 10" Horizontally Mounted Backdraft Damper .....	151.19	19.47
23 33 13 23-0020 EA 16" x 12" Horizontally Mounted Backdraft Damper .....	169.75	19.47
23 33 13 23-0021 EA 16" x 14" Horizontally Mounted Backdraft Damper .....	194.18	21.33
23 33 13 23-0022 EA 16" x 16" Horizontally Mounted Backdraft Damper .....	218.57	23.32
23 33 13 23-0023 EA 18" x 6" Horizontally Mounted Backdraft Damper .....	146.78	16.32
23 33 13 23-0024 EA 18" x 8" Horizontally Mounted Backdraft Damper .....	136.05	17.49
23 33 13 23-0025 EA 18" x 10" Horizontally Mounted Backdraft Damper .....	162.78	19.47
23 33 13 23-0026 EA 18" x 12" Horizontally Mounted Backdraft Damper .....	189.51	21.33
23 33 13 23-0027 EA 18" x 14" Horizontally Mounted Backdraft Damper .....	216.23	23.32
23 33 13 23-0028 EA 18" x 16" Horizontally Mounted Backdraft Damper .....	248.32	25.18
23 33 13 23-0029 EA 18" x 18" Horizontally Mounted Backdraft Damper .....	281.54	29.15
23 33 13 23-0030 EA 18" x 20" Horizontally Mounted Backdraft Damper .....	224.07	31.01
23 33 13 23-0031 EA 18" x 24" Horizontally Mounted Backdraft Damper .....	261.87	34.97
23 33 13 23-0032 EA 20" x 6" Horizontally Mounted Backdraft Damper .....	161.13	17.49
23 33 13 23-0033 EA 20" x 8" Horizontally Mounted Backdraft Damper .....	151.19	19.47
23 33 13 23-0034 EA 20" x 10" Horizontally Mounted Backdraft Damper .....	180.22	21.33
23 33 13 23-0035 EA 20" x 12" Horizontally Mounted Backdraft Damper .....	209.29	23.32
23 33 13 23-0036 EA 20" x 14" Horizontally Mounted Backdraft Damper .....	243.53	25.18
23 33 13 23-0037 EA 20" x 16" Horizontally Mounted Backdraft Damper .....	273.32	27.16
23 33 13 23-0038 EA 20" x 18" Horizontally Mounted Backdraft Damper .....	224.07	31.01
23 33 13 23-0039 EA 20" x 20" Horizontally Mounted Backdraft Damper .....	238.60	31.01
23 33 13 23-0040 EA 20" x 24" Horizontally Mounted Backdraft Damper .....	279.31	34.97
23 33 13 23-0041 EA 20" x 28" Horizontally Mounted Backdraft Damper .....	320.03	38.82
23 33 13 23-0042 EA 20" x 32" Horizontally Mounted Backdraft Damper .....	294.32	42.67
23 33 13 23-0043 EA 20" x 36" Horizontally Mounted Backdraft Damper .....	326.72	46.63
23 33 13 23-0044 EA 24" x 6" Horizontally Mounted Backdraft Damper .....	141.88	19.47
23 33 13 23-0045 EA 24" x 8" Horizontally Mounted Backdraft Damper .....	175.58	21.33
23 33 13 23-0046 EA 24" x 10" Horizontally Mounted Backdraft Damper .....	209.29	23.32
23 33 13 23-0047 EA 24" x 12" Horizontally Mounted Backdraft Damper .....	248.32	25.18
23 33 13 23-0048 EA 24" x 14" Horizontally Mounted Backdraft Damper .....	209.51	29.15
23 33 13 23-0049 EA 24" x 16" Horizontally Mounted Backdraft Damper .....	232.78	31.01
23 33 13 23-0050 EA 24" x 18" Horizontally Mounted Backdraft Damper .....	261.87	34.97
23 33 13 23-0051 EA 24" x 20" Horizontally Mounted Backdraft Damper .....	279.31	34.97



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0052	EA		24" x 24" Horizontally Mounted Backdraft Damper	325.85	38.82
23 33 13 23-0053	EA		24" x 28" Horizontally Mounted Backdraft Damper	302.60	42.67
23 33 13 23-0054	EA		24" x 32" Horizontally Mounted Backdraft Damper	339.19	46.63
23 33 13 23-0055	EA		24" x 36" Horizontally Mounted Backdraft Damper	375.75	50.47
23 33 13 23-0056	EA		24" x 40" Horizontally Mounted Backdraft Damper	362.51	54.32
23 33 13 23-0057	EA		24" x 44" Horizontally Mounted Backdraft Damper	394.09	58.29
23 33 13 23-0058	EA		24" x 48" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0059	EA		28" x 6" Horizontally Mounted Backdraft Damper	155.83	19.47
23 33 13 23-0060	EA		28" x 8" Horizontally Mounted Backdraft Damper	194.18	21.33
23 33 13 23-0061	EA		28" x 10" Horizontally Mounted Backdraft Damper	243.53	25.18
23 33 13 23-0062	EA		28" x 12" Horizontally Mounted Backdraft Damper	209.51	29.15
23 33 13 23-0063	EA		28" x 14" Horizontally Mounted Backdraft Damper	235.69	31.01
23 33 13 23-0064	EA		28" x 16" Horizontally Mounted Backdraft Damper	267.69	34.97
23 33 13 23-0065	EA		28" x 18" Horizontally Mounted Backdraft Damper	299.70	38.82
23 33 13 23-0066	EA		28" x 20" Horizontally Mounted Backdraft Damper	320.03	38.82
23 33 13 23-0067	EA		28" x 24" Horizontally Mounted Backdraft Damper	302.60	42.67
23 33 13 23-0068	EA		28" x 28" Horizontally Mounted Backdraft Damper	343.35	46.63
23 33 13 23-0069	EA		28" x 32" Horizontally Mounted Backdraft Damper	384.06	50.47
23 33 13 23-0070	EA		28" x 36" Horizontally Mounted Backdraft Damper	384.11	58.29
23 33 13 23-0071	EA		28" x 40" Horizontally Mounted Backdraft Damper	407.37	58.29
23 33 13 23-0072	EA		28" x 44" Horizontally Mounted Backdraft Damper	442.27	62.13
23 33 13 23-0073	EA		28" x 48" Horizontally Mounted Backdraft Damper	477.19	65.98
23 33 13 23-0074	EA		28" x 52" Horizontally Mounted Backdraft Damper	500.45	65.98
23 33 13 23-0075	EA		28" x 56" Horizontally Mounted Backdraft Damper	494.67	69.82
23 33 13 23-0076	EA		28" x 60" Horizontally Mounted Backdraft Damper	514.99	69.82
23 33 13 23-0077	EA		32" x 6" Horizontally Mounted Backdraft Damper	175.58	21.33
23 33 13 23-0078	EA		32" x 8" Horizontally Mounted Backdraft Damper	229.15	25.18
23 33 13 23-0079	EA		32" x 10" Horizontally Mounted Backdraft Damper	273.32	27.16
23 33 13 23-0080	EA		32" x 12" Horizontally Mounted Backdraft Damper	232.78	31.01
23 33 13 23-0081	EA		32" x 14" Horizontally Mounted Backdraft Damper	267.69	34.97
23 33 13 23-0082	EA		32" x 16" Horizontally Mounted Backdraft Damper	302.59	38.82
23 33 13 23-0083	EA		32" x 18" Horizontally Mounted Backdraft Damper	266.04	38.82
23 33 13 23-0084	EA		32" x 20" Horizontally Mounted Backdraft Damper	294.32	42.67
23 33 13 23-0085	EA		32" x 24" Horizontally Mounted Backdraft Damper	339.19	46.63
23 33 13 23-0086	EA		32" x 28" Horizontally Mounted Backdraft Damper	384.06	50.47
23 33 13 23-0087	EA		32" x 32" Horizontally Mounted Backdraft Damper	387.45	58.29
23 33 13 23-0088	EA		32" x 36" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0089	EA		32" x 40" Horizontally Mounted Backdraft Damper	452.24	62.13
23 33 13 23-0090	EA		32" x 44" Horizontally Mounted Backdraft Damper	490.47	65.98
23 33 13 23-0091	EA		32" x 48" Horizontally Mounted Backdraft Damper	488.85	69.82
23 33 13 23-0092	EA		32" x 52" Horizontally Mounted Backdraft Damper	512.11	69.82
23 33 13 23-0093	EA		32" x 56" Horizontally Mounted Backdraft Damper	547.00	73.79
23 33 13 23-0094	EA		32" x 60" Horizontally Mounted Backdraft Damper	570.27	73.79
23 33 13 23-0095	EA		32" x 64" Horizontally Mounted Backdraft Damper	552.01	77.64
23 33 13 23-0096	EA		32" x 68" Horizontally Mounted Backdraft Damper	571.94	77.64
23 33 13 23-0097	EA		32" x 72" Horizontally Mounted Backdraft Damper	603.52	81.48
23 33 13 23-0098	EA		36" x 6" Horizontally Mounted Backdraft Damper	189.51	21.33
23 33 13 23-0099	EA		36" x 8" Horizontally Mounted Backdraft Damper	254.15	27.16
23 33 13 23-0100	EA		36" x 10" Horizontally Mounted Backdraft Damper	224.07	31.01
23 33 13 23-0101	EA		36" x 12" Horizontally Mounted Backdraft Damper	261.87	34.97
23 33 13 23-0102	EA		36" x 14" Horizontally Mounted Backdraft Damper	299.70	38.82
23 33 13 23-0103	EA		36" x 16" Horizontally Mounted Backdraft Damper	266.04	38.82
23 33 13 23-0104	EA		36" x 18" Horizontally Mounted Backdraft Damper	296.38	42.67
23 33 13 23-0105	EA		36" x 20" Horizontally Mounted Backdraft Damper	326.72	46.63
23 33 13 23-0106	EA		36" x 24" Horizontally Mounted Backdraft Damper	375.75	50.47
23 33 13 23-0107	EA		36" x 28" Horizontally Mounted Backdraft Damper	384.11	58.29
23 33 13 23-0108	EA		36" x 32" Horizontally Mounted Backdraft Damper	414.01	58.29
23 33 13 23-0109	EA		36" x 36" Horizontally Mounted Backdraft Damper	455.55	62.13
23 33 13 23-0110	EA		36" x 40" Horizontally Mounted Backdraft Damper	497.12	65.98
23 33 13 23-0111	EA		36" x 44" Horizontally Mounted Backdraft Damper	497.55	69.82
23 33 13 23-0112	EA		36" x 48" Horizontally Mounted Backdraft Damper	535.39	73.79
23 33 13 23-0113	EA		36" x 52" Horizontally Mounted Backdraft Damper	561.53	73.79
23 33 13 23-0114	EA		36" x 56" Horizontally Mounted Backdraft Damper	547.04	77.64
23 33 13 23-0115	EA		36" x 60" Horizontally Mounted Backdraft Damper	569.45	77.64
23 33 13 23-0116	EA		36" x 64" Horizontally Mounted Backdraft Damper	603.52	81.48
23 33 13 23-0117	EA		36" x 68" Horizontally Mounted Backdraft Damper	625.93	81.48
23 33 13 23-0118	EA		36" x 72" Horizontally Mounted Backdraft Damper	648.38	81.48
23 33 13 23-0119	EA		40" x 6" Horizontally Mounted Backdraft Damper	209.29	23.32
23 33 13 23-0120	EA		40" x 8" Horizontally Mounted Backdraft Damper	279.15	29.15
23 33 13 23-0121	EA		40" x 10" Horizontally Mounted Backdraft Damper	238.60	31.01
23 33 13 23-0122	EA		40" x 12" Horizontally Mounted Backdraft Damper	279.31	34.97
23 33 13 23-0123	EA		40" x 14" Horizontally Mounted Backdraft Damper	320.03	38.82
23 33 13 23-0124	EA		40" x 16" Horizontally Mounted Backdraft Damper	294.32	42.67
23 33 13 23-0125	EA		40" x 18" Horizontally Mounted Backdraft Damper	326.72	46.63
23 33 13 23-0126	EA		40" x 20" Horizontally Mounted Backdraft Damper	359.13	50.47
23 33 13 23-0127	EA		40" x 24" Horizontally Mounted Backdraft Damper	362.51	54.32
23 33 13 23-0128	EA		40" x 28" Horizontally Mounted Backdraft Damper	407.37	58.29
23 33 13 23-0129	EA		40" x 32" Horizontally Mounted Backdraft Damper	452.24	62.13
23 33 13 23-0130	EA		40" x 36" Horizontally Mounted Backdraft Damper	497.12	65.98
23 33 13 23-0131	EA		40" x 40" Horizontally Mounted Backdraft Damper	500.46	69.82
23 33 13 23-0132	EA		40" x 44" Horizontally Mounted Backdraft Damper	541.18	73.79





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0133	EA		40" x 48" Horizontally Mounted Backdraft Damper.....	570.27	73.79
23 33 13 23-0134	EA		40" x 50" Horizontally Mounted Backdraft Damper.....	544.55	77.64
23 33 13 23-0135	EA		44" x 6" Horizontally Mounted Backdraft Damper.....	233.94	25.18
23 33 13 23-0136	EA		44" x 8" Horizontally Mounted Backdraft Damper.....	221.16	31.01
23 33 13 23-0137	EA		44" x 10" Horizontally Mounted Backdraft Damper.....	264.78	34.97
23 33 13 23-0138	EA		44" x 12" Horizontally Mounted Backdraft Damper.....	308.41	38.82
23 33 13 23-0139	EA		44" x 14" Horizontally Mounted Backdraft Damper.....	288.07	42.67
23 33 13 23-0140	EA		44" x 16" Horizontally Mounted Backdraft Damper.....	322.57	46.63
23 33 13 23-0141	EA		44" x 18" Horizontally Mounted Backdraft Damper.....	345.41	46.63
23 33 13 23-0142	EA		44" x 20" Horizontally Mounted Backdraft Damper.....	379.91	50.47
23 33 13 23-0143	EA		44" x 24" Horizontally Mounted Backdraft Damper.....	394.09	58.29
23 33 13 23-0144	EA		44" x 28" Horizontally Mounted Backdraft Damper.....	442.27	62.13
23 33 13 23-0145	EA		44" x 32" Horizontally Mounted Backdraft Damper.....	490.47	65.98
23 33 13 23-0146	EA		44" x 36" Horizontally Mounted Backdraft Damper.....	497.55	69.82
23 33 13 23-0147	EA		44" x 40" Horizontally Mounted Backdraft Damper.....	541.18	73.79
23 33 13 23-0148	EA		44" x 44" Horizontally Mounted Backdraft Damper.....	573.15	73.79
23 33 13 23-0149	EA		44" x 48" Horizontally Mounted Backdraft Damper.....	561.99	77.64
23 33 13 23-0150	EA		44" x 50" Horizontally Mounted Backdraft Damper.....	575.67	77.64
23 33 13 23-0151	EA		48" x 6" Horizontally Mounted Backdraft Damper.....	254.15	27.16
23 33 13 23-0152	EA		48" x 8" Horizontally Mounted Backdraft Damper.....	232.78	31.01
23 33 13 23-0153	EA		48" x 10" Horizontally Mounted Backdraft Damper.....	279.31	34.97
23 33 13 23-0154	EA		48" x 12" Horizontally Mounted Backdraft Damper.....	266.04	38.82
23 33 13 23-0155	EA		48" x 14" Horizontally Mounted Backdraft Damper.....	302.60	42.67
23 33 13 23-0156	EA		48" x 16" Horizontally Mounted Backdraft Damper.....	339.19	46.63
23 33 13 23-0157	EA		48" x 18" Horizontally Mounted Backdraft Damper.....	375.75	50.47
23 33 13 23-0158	EA		48" x 20" Horizontally Mounted Backdraft Damper.....	362.51	54.32
23 33 13 23-0159	EA		48" x 24" Horizontally Mounted Backdraft Damper.....	414.01	58.29
23 33 13 23-0160	EA		48" x 28" Horizontally Mounted Backdraft Damper.....	477.19	65.98
23 33 13 23-0161	EA		48" x 32" Horizontally Mounted Backdraft Damper.....	488.85	69.82
23 33 13 23-0162	EA		48" x 36" Horizontally Mounted Backdraft Damper.....	535.39	73.79
23 33 13 23-0163	EA		48" x 40" Horizontally Mounted Backdraft Damper.....	570.27	73.79
23 33 13 23-0164	EA		48" x 44" Horizontally Mounted Backdraft Damper.....	561.99	77.64
23 33 13 23-0165	EA		48" x 48" Horizontally Mounted Backdraft Damper.....	603.52	81.48
23 33 13 23-0166	EA		48" x 50" Horizontally Mounted Backdraft Damper.....	618.47	81.48
23 33 13 23-0167	EA		50" x 6" Horizontally Mounted Backdraft Damper.....	261.34	27.16
23 33 13 23-0168	EA		50" x 8" Horizontally Mounted Backdraft Damper.....	250.25	34.97
23 33 13 23-0169	EA		50" x 10" Horizontally Mounted Backdraft Damper.....	298.25	38.82
23 33 13 23-0170	EA		50" x 12" Horizontally Mounted Backdraft Damper.....	283.92	42.67
23 33 13 23-0171	EA		50" x 14" Horizontally Mounted Backdraft Damper.....	321.54	46.63
23 33 13 23-0172	EA		50" x 16" Horizontally Mounted Backdraft Damper.....	359.13	50.47
23 33 13 23-0173	EA		50" x 18" Horizontally Mounted Backdraft Damper.....	396.75	54.32
23 33 13 23-0174	EA		50" x 20" Horizontally Mounted Backdraft Damper.....	382.44	58.29
23 33 13 23-0175	EA		50" x 24" Horizontally Mounted Backdraft Damper.....	435.62	62.13
23 33 13 23-0176	EA		50" x 28" Horizontally Mounted Backdraft Damper.....	488.80	65.98
23 33 13 23-0177	EA		50" x 32" Horizontally Mounted Backdraft Damper.....	500.46	69.82
23 33 13 23-0178	EA		50" x 36" Horizontally Mounted Backdraft Damper.....	548.46	73.79
23 33 13 23-0179	EA		50" x 40" Horizontally Mounted Backdraft Damper.....	544.55	77.64
23 33 13 23-0180	EA		50" x 44" Horizontally Mounted Backdraft Damper.....	575.67	77.64
23 33 13 23-0181	EA		50" x 48" Horizontally Mounted Backdraft Damper.....	618.47	81.48
23 33 13 23-0182	EA		50" x 50" Horizontally Mounted Backdraft Damper.....	634.03	81.48

23 33 13 23-0183

Vertically Mounted Backdraft Damper (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA		6" x 6" Vertically Mounted Backdraft Damper.....	113.49	12.94
23 33 13 23-0185	EA		8" x 6" Vertically Mounted Backdraft Damper.....	140.14	13.52
23 33 13 23-0186	EA		10" x 6" Vertically Mounted Backdraft Damper.....	144.53	13.64
23 33 13 23-0187	EA		8" x 8" Vertically Mounted Backdraft Damper.....	151.44	13.64
23 33 13 23-0188	EA		12" x 6" Vertically Mounted Backdraft Damper.....	166.45	13.99
23 33 13 23-0189	EA		10" x 8" Vertically Mounted Backdraft Damper.....	184.94	15.51
23 33 13 23-0190	EA		14" x 6" Vertically Mounted Backdraft Damper.....	187.19	13.99
23 33 13 23-0191	EA		12" x 8" Vertically Mounted Backdraft Damper.....	212.60	15.51
23 33 13 23-0192	EA		16" x 6" Vertically Mounted Backdraft Damper.....	214.93	16.32
23 33 13 23-0193	EA		10" x 10" Vertically Mounted Backdraft Damper.....	225.34	17.49
23 33 13 23-0194	EA		18" x 6" Vertically Mounted Backdraft Damper.....	180.79	14.80
23 33 13 23-0195	EA		14" x 8" Vertically Mounted Backdraft Damper.....	190.51	16.32
23 33 13 23-0196	EA		12" x 10" Vertically Mounted Backdraft Damper.....	204.11	17.49
23 33 13 23-0197	EA		20" x 6" Vertically Mounted Backdraft Damper.....	209.94	19.47
23 33 13 23-0198	EA		16" x 8" Vertically Mounted Backdraft Damper.....	225.87	21.33
23 33 13 23-0199	EA		14" x 10" Vertically Mounted Backdraft Damper.....	223.55	15.51
23 33 13 23-0200	EA		12" x 12" Vertically Mounted Backdraft Damper.....	234.44	17.49
23 33 13 23-0201	EA		18" x 8" Vertically Mounted Backdraft Damper.....	203.15	19.47
23 33 13 23-0202	EA		24" x 6" Vertically Mounted Backdraft Damper.....	203.15	19.47
23 33 13 23-0203	EA		16" x 10" Vertically Mounted Backdraft Damper.....	225.05	21.33
23 33 13 23-0204	EA		20" x 8" Vertically Mounted Backdraft Damper.....	230.88	23.32
23 33 13 23-0205	EA		14" x 12" Vertically Mounted Backdraft Damper.....	217.93	16.32
23 33 13 23-0206	EA		28" x 6" Vertically Mounted Backdraft Damper.....	221.43	17.49
23 33 13 23-0207	EA		18" x 10" Vertically Mounted Backdraft Damper.....	239.33	19.47
23 33 13 23-0208	EA		16" x 12" Vertically Mounted Backdraft Damper.....	257.23	21.33
23 33 13 23-0209	EA		24" x 8" Vertically Mounted Backdraft Damper.....	263.06	23.32
23 33 13 23-0210	EA		32" x 6" Vertically Mounted Backdraft Damper.....	268.88	25.18





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33	13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	284.58	29.15
23 33	13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	280.46	31.01
23 33	13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	307.09	34.97
23 33	13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	254.64	17.49
23 33	13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	267.96	19.47
23 33	13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	273.79	21.33
23 33	13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	294.58	23.32
23 33	13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	300.40	25.18
23 33	13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	306.23	27.16
23 33	13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	329.14	31.01
23 33	13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	332.87	31.01
23 33	13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	344.52	34.97
23 33	13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	363.67	38.82
23 33	13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	390.31	42.67
23 33	13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	401.97	46.63
23 33	13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	327.87	19.47
23 33	13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	333.70	21.33
23 33	13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	339.53	23.32
23 33	13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	345.35	25.18
23 33	13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	368.23	29.15
23 33	13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	392.77	31.01
23 33	13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	404.42	34.97
23 33	13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	404.42	34.97
23 33	13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	356.18	38.82
23 33	13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	334.57	42.67
23 33	13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	346.23	46.63
23 33	13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	367.71	50.47
23 33	13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	384.29	54.32
23 33	13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	395.94	58.29
23 33	13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	395.94	58.29
23 33	13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	294.11	19.47
23 33	13 23-0242	EA	32" x 12" Vertically Mounted Backdraft Damper	299.94	21.33
23 33	13 23-0243	EA	48" x 8" Vertically Mounted Backdraft Damper	311.59	25.18
23 33	13 23-0244	EA	28" x 14" Vertically Mounted Backdraft Damper	328.16	29.15
23 33	13 23-0245	EA	20" x 20" Vertically Mounted Backdraft Damper	338.91	31.01
23 33	13 23-0246	EA	40" x 10" Vertically Mounted Backdraft Damper	350.56	34.97
23 33	13 23-0247	EA	50" x 8" Vertically Mounted Backdraft Damper	362.22	38.82
23 33	13 23-0248	EA	18" x 24" Vertically Mounted Backdraft Damper	381.87	38.82
23 33	13 23-0249	EA	24" x 18" Vertically Mounted Backdraft Damper	393.53	42.67
23 33	13 23-0250	EA	36" x 12" Vertically Mounted Backdraft Damper	405.19	46.63
23 33	13 23-0251	EA	44" x 10" Vertically Mounted Backdraft Damper	421.76	50.47
23 33	13 23-0252	EA	28" x 16" Vertically Mounted Backdraft Damper	449.99	58.29
23 33	13 23-0253	EA	32" x 14" Vertically Mounted Backdraft Damper	449.99	58.29
23 33	13 23-0254	EA	20" x 24" Vertically Mounted Backdraft Damper	483.76	62.13
23 33	13 23-0255	EA	24" x 20" Vertically Mounted Backdraft Damper	450.16	65.98
23 33	13 23-0256	EA	40" x 12" Vertically Mounted Backdraft Damper	450.16	65.98
23 33	13 23-0257	EA	48" x 10" Vertically Mounted Backdraft Damper	461.82	69.82
23 33	13 23-0258	EA	50" x 10" Vertically Mounted Backdraft Damper	472.32	69.82
23 33	13 23-0259	EA	28" x 18" Vertically Mounted Backdraft Damper	328.69	21.33
23 33	13 23-0260	EA	36" x 14" Vertically Mounted Backdraft Damper	340.34	25.18
23 33	13 23-0261	EA	32" x 16" Vertically Mounted Backdraft Damper	350.39	27.16
23 33	13 23-0262	EA	44" x 12" Vertically Mounted Backdraft Damper	370.42	31.01
23 33	13 23-0263	EA	20" x 28" Vertically Mounted Backdraft Damper	398.87	34.97
23 33	13 23-0264	EA	28" x 20" Vertically Mounted Backdraft Damper	410.53	38.82
23 33	13 23-0265	EA	40" x 14" Vertically Mounted Backdraft Damper	410.53	38.82
23 33	13 23-0266	EA	24" x 24" Vertically Mounted Backdraft Damper	430.59	42.67
23 33	13 23-0267	EA	32" x 18" Vertically Mounted Backdraft Damper	442.25	46.63
23 33	13 23-0268	EA	36" x 16" Vertically Mounted Backdraft Damper	453.91	50.47
23 33	13 23-0269	EA	48" x 12" Vertically Mounted Backdraft Damper	477.22	58.29
23 33	13 23-0270	EA	50" x 12" Vertically Mounted Backdraft Damper	489.84	58.29
23 33	13 23-0271	EA	44" x 14" Vertically Mounted Backdraft Damper	509.90	62.13
23 33	13 23-0272	EA	20" x 32" Vertically Mounted Backdraft Damper	534.15	65.98
23 33	13 23-0273	EA	32" x 20" Vertically Mounted Backdraft Damper	545.81	69.82
23 33	13 23-0274	EA	40" x 16" Vertically Mounted Backdraft Damper	545.81	69.82
23 33	13 23-0275	EA	36" x 18" Vertically Mounted Backdraft Damper	561.65	73.79
23 33	13 23-0276	EA	24" x 28" Vertically Mounted Backdraft Damper	576.36	73.79
23 33	13 23-0277	EA	28" x 24" Vertically Mounted Backdraft Damper	557.59	77.64
23 33	13 23-0278	EA	48" x 14" Vertically Mounted Backdraft Damper	557.59	77.64
23 33	13 23-0279	EA	50" x 14" Vertically Mounted Backdraft Damper	582.77	81.48
23 33	13 23-0280	EA	44" x 16" Vertically Mounted Backdraft Damper	404.00	21.33
23 33	13 23-0281	EA	20" x 36" Vertically Mounted Backdraft Damper	429.22	27.16
23 33	13 23-0282	EA	36" x 20" Vertically Mounted Backdraft Damper	440.88	31.01
23 33	13 23-0283	EA	40" x 18" Vertically Mounted Backdraft Damper	452.53	34.97
23 33	13 23-0284	EA	24" x 32" Vertically Mounted Backdraft Damper	487.36	38.82
23 33	13 23-0285	EA	32" x 24" Vertically Mounted Backdraft Damper	487.36	38.82
23 33	13 23-0286	EA	48" x 16" Vertically Mounted Backdraft Damper	499.02	42.67
23 33	13 23-0287	EA	28" x 28" Vertically Mounted Backdraft Damper	518.41	46.63
23 33	13 23-0288	EA	44" x 18" Vertically Mounted Backdraft Damper	533.92	50.47
23 33	13 23-0289	EA	40" x 20" Vertically Mounted Backdraft Damper	561.09	58.29
23 33	13 23-0290	EA	50" x 16" Vertically Mounted Backdraft Damper	561.09	58.29
23 33	13 23-0291	EA	24" x 36" Vertically Mounted Backdraft Damper	603.65	62.13



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0292	EA		36" x 24" Vertically Mounted Backdraft Damper .....	615.31	65.98
23 33 13 23-0293	EA		48" x 18" Vertically Mounted Backdraft Damper .....	626.97	69.82
23 33 13 23-0294	EA		44" x 20" Vertically Mounted Backdraft Damper .....	646.37	73.79
23 33 13 23-0295	EA		28" x 32" Vertically Mounted Backdraft Damper .....	654.10	73.79
23 33 13 23-0296	EA		32" x 28" Vertically Mounted Backdraft Damper .....	665.75	77.64
23 33 13 23-0297	EA		50" x 18" Vertically Mounted Backdraft Damper .....	667.66	77.64
23 33 13 23-0298	EA		24" x 40" Vertically Mounted Backdraft Damper .....	708.28	81.48
23 33 13 23-0299	EA		40" x 24" Vertically Mounted Backdraft Damper .....	708.28	81.48
23 33 13 23-0300	EA		48" x 20" Vertically Mounted Backdraft Damper .....	708.28	81.48
23 33 13 23-0301	EA		50" x 20" Vertically Mounted Backdraft Damper .....	552.75	23.32
23 33 13 23-0302	EA		28" x 36" Vertically Mounted Backdraft Damper .....	574.08	29.15
23 33 13 23-0303	EA		36" x 28" Vertically Mounted Backdraft Damper .....	579.91	31.01
23 33 13 23-0304	EA		32" x 32" Vertically Mounted Backdraft Damper .....	599.29	34.97
23 33 13 23-0305	EA		24" x 44" Vertically Mounted Backdraft Damper .....	571.28	38.82
23 33 13 23-0306	EA		44" x 24" Vertically Mounted Backdraft Damper .....	582.94	42.67
23 33 13 23-0307	EA		28" x 40" Vertically Mounted Backdraft Damper .....	622.14	46.63
23 33 13 23-0308	EA		40" x 28" Vertically Mounted Backdraft Damper .....	633.80	50.47
23 33 13 23-0309	EA		24" x 48" Vertically Mounted Backdraft Damper .....	659.26	54.32
23 33 13 23-0310	EA		32" x 36" Vertically Mounted Backdraft Damper .....	670.91	58.29
23 33 13 23-0311	EA		36" x 32" Vertically Mounted Backdraft Damper .....	682.57	62.13
23 33 13 23-0312	EA		48" x 24" Vertically Mounted Backdraft Damper .....	694.23	65.98
23 33 13 23-0313	EA		50" x 24" Vertically Mounted Backdraft Damper .....	726.55	69.82
23 33 13 23-0314	EA		28" x 44" Vertically Mounted Backdraft Damper .....	751.98	73.79
23 33 13 23-0315	EA		44" x 28" Vertically Mounted Backdraft Damper .....	751.98	73.79
23 33 13 23-0316	EA		32" x 40" Vertically Mounted Backdraft Damper .....	784.31	77.64
23 33 13 23-0317	EA		40" x 32" Vertically Mounted Backdraft Damper .....	626.93	25.18
23 33 13 23-0318	EA		36" x 36" Vertically Mounted Backdraft Damper .....	651.31	31.01
23 33 13 23-0319	EA		28" x 48" Vertically Mounted Backdraft Damper .....	683.61	34.97
23 33 13 23-0320	EA		48" x 28" Vertically Mounted Backdraft Damper .....	695.27	38.82
23 33 13 23-0321	EA		50" x 28" Vertically Mounted Backdraft Damper .....	731.04	42.67
23 33 13 23-0322	EA		32" x 44" Vertically Mounted Backdraft Damper .....	746.16	46.63
23 33 13 23-0323	EA		44" x 32" Vertically Mounted Backdraft Damper .....	746.16	46.63
23 33 13 23-0324	EA		36" x 40" Vertically Mounted Backdraft Damper .....	773.32	50.47
23 33 13 23-0325	EA		40" x 36" Vertically Mounted Backdraft Damper .....	732.91	58.29
23 33 13 23-0326	EA		28" x 52" Vertically Mounted Backdraft Damper .....	750.75	62.13
23 33 13 23-0327	EA		32" x 48" Vertically Mounted Backdraft Damper .....	793.41	65.98
23 33 13 23-0328	EA		48" x 32" Vertically Mounted Backdraft Damper .....	805.07	69.82
23 33 13 23-0329	EA		28" x 56" Vertically Mounted Backdraft Damper .....	829.14	73.79
23 33 13 23-0330	EA		36" x 44" Vertically Mounted Backdraft Damper .....	835.35	73.79
23 33 13 23-0331	EA		44" x 36" Vertically Mounted Backdraft Damper .....	847.00	77.64
23 33 13 23-0332	EA		40" x 40" Vertically Mounted Backdraft Damper .....	853.19	77.64
23 33 13 23-0333	EA		50" x 32" Vertically Mounted Backdraft Damper .....	701.64	27.16
23 33 13 23-0334	EA		32" x 52" Vertically Mounted Backdraft Damper .....	738.11	31.01
23 33 13 23-0335	EA		28" x 60" Vertically Mounted Backdraft Damper .....	755.95	34.97
23 33 13 23-0336	EA		36" x 48" Vertically Mounted Backdraft Damper .....	786.23	38.82
23 33 13 23-0337	EA		48" x 36" Vertically Mounted Backdraft Damper .....	797.89	42.67
23 33 13 23-0338	EA		40" x 44" Vertically Mounted Backdraft Damper .....	821.96	46.63
23 33 13 23-0339	EA		44" x 40" Vertically Mounted Backdraft Damper .....	833.62	50.47
23 33 13 23-0340	EA		32" x 56" Vertically Mounted Backdraft Damper .....	857.65	54.32
23 33 13 23-0341	EA		50" x 36" Vertically Mounted Backdraft Damper .....	794.90	58.29
23 33 13 23-0342	EA		36" x 52" Vertically Mounted Backdraft Damper .....	843.03	65.98
23 33 13 23-0343	EA		32" x 60" Vertically Mounted Backdraft Damper .....	871.22	69.82
23 33 13 23-0344	EA		40" x 48" Vertically Mounted Backdraft Damper .....	882.88	73.79
23 33 13 23-0345	EA		48" x 40" Vertically Mounted Backdraft Damper .....	882.88	73.79
23 33 13 23-0346	EA		44" x 44" Vertically Mounted Backdraft Damper .....	900.05	77.64
23 33 13 23-0347	EA		40" x 50" Vertically Mounted Backdraft Damper .....	933.75	81.48
23 33 13 23-0348	EA		50" x 40" Vertically Mounted Backdraft Damper .....	933.75	81.48
23 33 13 23-0349	EA		36" x 56" Vertically Mounted Backdraft Damper .....	776.04	27.16
23 33 13 23-0350	EA		32" x 64" Vertically Mounted Backdraft Damper .....	810.39	34.97
23 33 13 23-0351	EA		44" x 48" Vertically Mounted Backdraft Damper .....	844.10	38.82
23 33 13 23-0352	EA		48" x 44" Vertically Mounted Backdraft Damper .....	855.76	42.67
23 33 13 23-0353	EA		36" x 60" Vertically Mounted Backdraft Damper .....	883.95	46.63
23 33 13 23-0354	EA		32" x 68" Vertically Mounted Backdraft Damper .....	901.13	50.47
23 33 13 23-0355	EA		44" x 50" Vertically Mounted Backdraft Damper .....	826.32	54.32
23 33 13 23-0356	EA		50" x 44" Vertically Mounted Backdraft Damper .....	837.97	58.29
23 33 13 23-0357	EA		32" x 72" Vertically Mounted Backdraft Damper .....	880.96	62.13
23 33 13 23-0358	EA		36" x 64" Vertically Mounted Backdraft Damper .....	892.62	65.98
23 33 13 23-0359	EA		48" x 48" Vertically Mounted Backdraft Damper .....	904.28	69.82
23 33 13 23-0360	EA		48" x 50" Vertically Mounted Backdraft Damper .....	944.88	73.79
23 33 13 23-0361	EA		50" x 48" Vertically Mounted Backdraft Damper .....	956.53	77.64
23 33 13 23-0362	EA		36" x 68" Vertically Mounted Backdraft Damper .....	971.00	77.64
23 33 13 23-0363	EA		50" x 50" Vertically Mounted Backdraft Damper .....	998.33	81.48
23 33 13 23-0364	EA		36" x 72" Vertically Mounted Backdraft Damper .....	1,026.05	81.48

23 33 13 23-0365 Backdraft Damper Accessories (23 33 13 23)

23 33 13 23-0366	EA		For Motor Pack For Horizontally Mounted Backdraft Damper .....	279.46	29.03
23 33 13 23-0367	EA		For Motor Pack For Vertically Mounted Backdraft Damper .....	482.67	29.03

23 33 13 33 Splitter Damper Hardware (23 33 13)



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 33 13 33-0001 EA Splitter Damper, Hardware .....42.06 8.15

### 23 33 13 43 Blower Check Valve (23 33 13)

#### 23 33 13 43-0001 Blower Check Valves With Silicone Seals (23 33 13 43)

23 33 13 43-0002 EA 2-1/2" Blower Check Valves, Silicone Seals .....285.62 30.07  
 23 33 13 43-0003 EA 3" Blower Check Valves, Silicone Seals .....318.80 34.27  
 23 33 13 43-0004 EA 4" Blower Check Valves, Silicone Seals .....409.25 45.47  
 23 33 13 43-0005 EA 5" Blower Check Valves, Silicone Seals .....567.14 52.46  
 23 33 13 43-0006 EA 6" Blower Check Valves, Silicone Seals .....634.78 62.95  
 23 33 13 43-0007 EA 8" Blower Check Valves, Silicone Seals .....948.41 79.74

#### 23 33 13 43-0008 Blower Check Valves With Viton Seats (23 33 13 43)

23 33 13 43-0009 EA 2-1/2" Blower Check Valves, Viton Seats .....396.82 30.07  
 23 33 13 43-0010 EA 3" Blower Check Valves, Viton Seats .....450.96 34.27  
 23 33 13 43-0011 EA 4" Blower Check Valves, Viton Seats .....501.27 45.47  
 23 33 13 43-0012 EA 5" Blower Check Valves, Viton Seats .....704.90 52.46  
 23 33 13 43-0013 EA 6" Blower Check Valves, Viton Seats .....786.85 62.95  
 23 33 13 43-0014 EA 8" Blower Check Valves, Viton Seats .....1,217.43 79.74

### 23 33 19 Duct Silencers (23 33)

#### 23 33 19 00-0001 36" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0002 EA 12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....373.95 47.70  
 23 33 19 00-0003 EA 12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....450.71 54.68  
 23 33 19 00-0004 EA 12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....589.42 62.83  
 23 33 19 00-0005 EA 12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....720.20 70.97  
 23 33 19 00-0006 EA 24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....663.49 70.97  
 23 33 19 00-0007 EA 24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....856.52 74.46  
 23 33 19 00-0008 EA 24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....948.08 79.11  
 23 33 19 00-0009 EA 24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,041.97 83.77  
 23 33 19 00-0010 EA 24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,375.32 95.40  
 23 33 19 00-0011 EA 36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....847.95 79.11  
 23 33 19 00-0012 EA 36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,151.71 95.40  
 23 33 19 00-0013 EA 36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,062.69 127.98  
 23 33 19 00-0014 EA 36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,285.79 134.96  
 23 33 19 00-0015 EA 48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,554.15 145.43  
 23 33 19 00-0016 EA 48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,870.69 158.23

#### 23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0018 EA 12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....418.01 104.71  
 23 33 19 00-0019 EA 12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....505.20 121.00  
 23 33 19 00-0020 EA 12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....662.28 139.61  
 23 33 19 00-0021 EA 12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....809.39 157.07  
 23 33 19 00-0022 EA 24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....744.92 157.07  
 23 33 19 00-0023 EA 24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....965.78 166.37  
 23 33 19 00-0024 EA 24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,065.83 174.51  
 23 33 19 00-0025 EA 24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,167.64 183.83  
 23 33 19 00-0026 EA 24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,549.02 209.42  
 23 33 19 00-0027 EA 36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....952.05 174.51  
 23 33 19 00-0028 EA 36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,294.92 209.42  
 23 33 19 00-0029 EA 36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,314.63 275.73  
 23 33 19 00-0030 EA 36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,585.63 299.01  
 23 33 19 00-0031 EA 48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,876.00 317.62  
 23 33 19 00-0032 EA 48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator .....3,239.08 349.04

#### 23 33 19 00-0033 84" Long Packaged Duct Sound Trap (23 33 19)

23 33 19 00-0034 EA 6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....360.34 87.26  
 23 33 19 00-0035 EA 6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....622.06 130.31  
 23 33 19 00-0036 EA 6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....866.21 190.81  
 23 33 19 00-0037 EA 12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....490.07 104.71  
 23 33 19 00-0038 EA 12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....611.39 121.00  
 23 33 19 00-0039 EA 12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....836.73 139.61  
 23 33 19 00-0040 EA 12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....993.21 150.09  
 23 33 19 00-0041 EA 12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,084.48 161.72  
 23 33 19 00-0042 EA 12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,373.03 174.51  
 23 33 19 00-0043 EA 12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,628.51 190.81  
 23 33 19 00-0044 EA 24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....925.19 161.72  
 23 33 19 00-0045 EA 24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,335.21 168.70  
 23 33 19 00-0046 EA 24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,460.26 174.51  
 23 33 19 00-0047 EA 24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....1,592.40 183.83  
 23 33 19 00-0048 EA 24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,006.96 197.79  
 23 33 19 00-0049 EA 24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator .....2,178.58 209.42



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

**23 33 23 Turning Vanes** (23 33)

**23 33 23 00-0001 Duct Turning Vane Components** (23 33 23)

23 33 23 00-0002	LF Duct Turning Vane Rail.....	13.06	2.91
	<i>For Stainless Steel, Add</i>	9.14	
23 33 23 00-0003	LF Double Thick Factory Fabricated, Duct Turning Vane .....	13.01	1.17
	<i>For Stainless Steel, Add</i>	13.77	

**23 33 23 00-0004 Duct Turning Vane Sets** (23 33 23)

Note: Measured from inside corner to outside corner of ductwork.

23 33 23 00-0005	LF 12" High Duct Turning Vanes, Sets .....	54.10	4.36
	<i>For Stainless Steel, Add</i>	63.25	
23 33 23 00-0006	LF 14" High Duct Turning Vanes, Sets .....	67.35	4.65
	<i>For Stainless Steel, Add</i>	79.99	
23 33 23 00-0007	LF 16" High Duct Turning Vanes, Sets .....	92.31	4.88
	<i>For Stainless Steel, Add</i>	112.00	
23 33 23 00-0008	LF 18" High Duct Turning Vanes, Sets .....	117.32	5.24
	<i>For Stainless Steel, Add</i>	144.00	
23 33 23 00-0009	LF 20" High Duct Turning Vanes, Sets .....	130.05	5.58
	<i>For Stainless Steel, Add</i>	159.99	
23 33 23 00-0010	LF 22" High Duct Turning Vanes, Sets .....	166.55	5.24
	<i>For Stainless Steel, Add</i>	208.01	
23 33 23 00-0011	LF 24" High Duct Turning Vanes, Sets .....	204.70	6.16
	<i>For Stainless Steel, Add</i>	256.02	
23 33 23 00-0012	LF 26" High Duct Turning Vanes, Sets .....	219.82	6.45
	<i>For Stainless Steel, Add</i>	275.29	
23 33 23 00-0013	LF 30" High Duct Turning Vanes, Sets .....	245.55	6.70
	<i>For Stainless Steel, Add</i>	308.32	

**23 33 33 Duct-Mounting Access Doors** (23 33)

**23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication** (23 33 33)

23 33 33 00-0002	EA 6" x 6" Duct Access Doors Insulated Factory Fabrication.....	93.81	16.29
	<i>For Stainless Steel, Add</i>	56.72	
23 33 33 00-0003	EA 10" x 10" Duct Access Doors Insulated Factory Fabrication .....	99.76	16.29
	<i>For Stainless Steel, Add</i>	68.62	
23 33 33 00-0004	EA 12" x 12" Duct Access Doors Insulated Factory Fabrication .....	102.67	16.29
	<i>For Stainless Steel, Add</i>	74.44	
23 33 33 00-0005	EA 12" x 18" Duct Access Doors Insulated Factory Fabrication .....	133.03	19.78
	<i>For Stainless Steel, Add</i>	104.98	
23 33 33 00-0006	EA 16" x 12" Duct Access Doors Insulated Factory Fabrication .....	134.21	19.78
	<i>For Stainless Steel, Add</i>	107.34	
23 33 33 00-0007	EA 18" x 18" Duct Access Doors Insulated Factory Fabrication .....	166.48	26.76
	<i>For Stainless Steel, Add</i>	123.54	
23 33 33 00-0008	EA 24" x 18" Duct Access Doors Insulated Factory Fabrication .....	197.40	32.57
	<i>For Stainless Steel, Add</i>	133.02	
23 33 33 00-0009	EA 24" x 24" Duct Access Doors Insulated Factory Fabrication .....	256.18	44.21
	<i>For Stainless Steel, Add</i>	163.34	

**23 33 43 Flexible Connectors** (23 33)

23 33 43 00-0001	LF 6-1/2" Width, Galvanized Steel, Flexible Duct Connector .....	14.94	3.49
23 33 43 00-0002	LF 5-3/4" Width, Vinyl/Steel, Flexible Duct Connector .....	15.38	3.14

**23 33 46 Flexible Ducts** (23 33)

**23 33 46 00-0001 Flexible Duct, R8.0 Insulated With Metallized Outer Jacket** (23 33 46)

Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.

23 33 46 00-0002	LF 4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket .....	8.88	1.17
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-1.02	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.19	
23 33 46 00-0003	LF 5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket .....	9.77	2.33
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-1.08	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.26	
23 33 46 00-0004	LF 6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket .....	10.89	2.33
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-1.10	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.29	
23 33 46 00-0005	LF 7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket .....	12.61	2.33
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-1.24	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.44	
23 33 46 00-0006	LF 8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket .....	14.63	3.49
	<i>For R6.0 Insulated Flexible Duct, Deduct</i>	-1.25	
	<i>For R4.2 Insulated Flexible Duct, Deduct</i>	-1.46	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0007	LF		10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket.....	18.97	3.49
			<i>For R6.0 Insulated Flexible Duct, Deduct</i> .....	-1.68	
			<i>For R4.2 Insulated Flexible Duct, Deduct</i> .....	-1.96	
23 33 46 00-0008	LF		12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket.....	25.27	4.65
			<i>For R6.0 Insulated Flexible Duct, Deduct</i> .....	-2.00	
			<i>For R4.2 Insulated Flexible Duct, Deduct</i> .....	-2.33	
23 33 46 00-0009	LF		14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket.....	31.39	4.65
			<i>For R6.0 Insulated Flexible Duct, Deduct</i> .....	-2.44	
			<i>For R4.2 Insulated Flexible Duct, Deduct</i> .....	-2.84	
23 33 46 00-0010	LF		16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket.....	40.77	5.82
			<i>For R6.0 Insulated Flexible Duct, Deduct</i> .....	-2.91	
			<i>For R4.2 Insulated Flexible Duct, Deduct</i> .....	-3.40	
<b>23 33 46 00-0011</b>			<b>Collars, Sheet Metal Spin-In Type With Damper</b> <small>(23 33 46)</small>		
23 33 46 00-0012	EA		Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	49.35	6.98
			<i>For Stainless Steel, Add</i> .....	30.12	
23 33 46 00-0013	EA		5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	53.38	8.15
			<i>For Stainless Steel, Add</i> .....	30.51	
23 33 46 00-0014	EA		6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	60.79	8.15
			<i>For Stainless Steel, Add</i> .....	33.66	
23 33 46 00-0015	EA		7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	68.60	10.47
			<i>For Stainless Steel, Add</i> .....	34.72	
23 33 46 00-0016	EA		8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	82.52	12.80
			<i>For Stainless Steel, Add</i> .....	39.22	
23 33 46 00-0017	EA		10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	97.04	15.13
			<i>For Stainless Steel, Add</i> .....	48.36	
23 33 46 00-0018	EA		12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	109.89	17.45
			<i>For Stainless Steel, Add</i> .....	52.10	
23 33 46 00-0019	EA		14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	130.47	19.78
			<i>For Stainless Steel, Add</i> .....	65.25	
23 33 46 00-0020	EA		16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper.....	142.17	22.11
			<i>For Stainless Steel, Add</i> .....	71.38	
<b>23 33 53</b>			<b>Duct Liners</b> <small>(23 33)</small>		
<b>23 33 53 00-0001</b>			<b>Fiberglass Duct Liner Board, Rigid, Acoustical Insulation</b> <small>(23 33 53)</small>		
23 33 53 00-0002	SF		1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	13.05	3.41
23 33 53 00-0003	SF		3/4" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	14.24	3.41
23 33 53 00-0004	SF		1" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	15.83	4.55
23 33 53 00-0005	SF		1-1/2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	19.42	4.55
23 33 53 00-0006	SF		2" Field Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	23.42	5.13
23 33 53 00-0007	SF		1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	11.88	3.49
23 33 53 00-0008	SF		3/4" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	12.98	3.49
23 33 53 00-0009	SF		1" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	14.47	4.65
23 33 53 00-0010	SF		1-1/2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	17.66	4.65
23 33 53 00-0011	SF		2" Shop Installed, 3 Lb./CF, Fiberglass Duct Liner Board.....	21.37	5.24
<b>23 33 53 00-0012</b>			<b>Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation</b> <small>(23 33 53)</small>		
23 33 53 00-0013	SF		1/2", R2, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket.....	2.79	2.79
23 33 53 00-0014	SF		1", R3.8, 1.5 Lb./CF, T150, Fiberglass Duct Liner Blanket.....	3.65	3.14
23 33 53 00-0015	SF		1", R4.1, 2 Lb./CF, T200, Fiberglass Duct Liner Blanket.....	4.10	3.14
23 33 53 00-0016	SF		1", R4.3, 3 Lb./CF, T300, Fiberglass Duct Liner Blanket.....	5.35	3.14
23 33 53 00-0017	SF		1-1/2", T150, 1.5 Lb./CF, Fiberglass Duct Liner Blanket.....	4.42	3.49
23 33 53 00-0018	SF		2", R7.7, 1.5 Lb./CF, T150 Fiberglass Duct Liner Blanket.....	4.68	3.84
23 33 53 00-0019	SF		2", R8, 2 Lb./CF, T200 Fiberglass Duct Liner Blanket.....	7.38	3.84
<b>23 33 56</b>			<b>Duct Air Extractors</b> <small>(23 33)</small>		
23 33 56 00-0001	EA		12" x 4" Duct Air Extractor.....	59.67	19.20
			<i>For Stainless Steel, Add</i> .....	27.66	
23 33 56 00-0002	EA		8" x 6" Duct Air Extractor.....	63.17	20.94
			<i>For Stainless Steel, Add</i> .....	27.66	
23 33 56 00-0003	EA		12" x 6" Duct Air Extractor.....	73.65	22.11
			<i>For Stainless Steel, Add</i> .....	38.27	
23 33 56 00-0004	EA		16" x 6" Duct Air Extractor.....	83.88	23.27
			<i>For Stainless Steel, Add</i> .....	48.54	
23 33 56 00-0005	EA		24" x 6" Duct Air Extractor.....	112.85	25.59
			<i>For Stainless Steel, Add</i> .....	80.16	
23 33 56 00-0006	EA		12" x 8" Duct Air Extractor.....	79.54	23.27
			<i>For Stainless Steel, Add</i> .....	42.90	
23 33 56 00-0007	EA		20" x 8" Duct Air Extractor.....	105.93	29.09
			<i>For Stainless Steel, Add</i> .....	62.09	
23 33 56 00-0008	EA		18" x 10" Duct Air Extractor.....	113.20	33.16
			<i>For Stainless Steel, Add</i> .....	60.96	
23 33 56 00-0009	EA		24" x 10" Duct Air Extractor.....	138.74	38.97
			<i>For Stainless Steel, Add</i> .....	79.03	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 56 00-0010 EA 24" x 12" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	158.20 84.67	46.54
23 33 56 00-0011 EA 30" x 12" Duct Air Extractor ..... <i>For Stainless Steel, Add</i>	197.98 106.12	58.17
<b>23 33 59 Duct Pressure Relief Doors (23 33)</b>		
<b>23 33 59 00-0001 Duct Pressure Relief Doors (23 33 59)</b>		
23 33 59 00-0002 EA 18" x 18" Duct Pressure Relief Door (Ruskin PRD18).....	1,260.26	34.90
23 33 59 00-0003 EA 24" x 10" Duct Pressure Relief Door (Ruskin PRD18).....	1,035.28	29.09
23 33 59 00-0004 EA 24" x 12" Duct Pressure Relief Door (Ruskin PRD18).....	1,024.50	32.00
<b>23 34 HVAC Fans (23 30)</b>		
<b>23 34 13 Axial HVAC Fans (23 34)</b>		
<b>23 34 13 00-0001 Tube-Axial Fans (23 34 13)</b>		
<b>23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans (23 34 13 00-0001)</b>		
23 34 13 00-0003 EA 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,899.81 94.72 189.44 260.48	357.55
23 34 13 00-0004 EA 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,984.39 101.49 202.97 279.09	358.62
23 34 13 00-0005 EA 16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,153.53 115.02 230.04 316.30	357.55
23 34 13 00-0006 EA 20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,322.67 128.55 257.10 353.51	358.62
23 34 13 00-0007 EA 22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,719.55 148.85 297.69 409.33	429.49
23 34 13 00-0008 EA 24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,132.54 175.91 351.82 483.75	467.07
23 34 13 00-0009 EA 24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure ..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,306.03 182.68 365.35 502.36	511.09
23 34 13 00-0010 EA 30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	3,780.02 216.50 433.01 595.39	536.86
23 34 13 00-0011 EA 30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	4,555.88 257.10 514.20 707.02	671.07
23 34 13 00-0012 EA 36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	5,152.79 297.69 595.39 818.66	716.17
23 34 13 00-0013 EA 36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	6,049.61 351.82 703.64 967.50	825.69
<b>23 34 13 00-0014 Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)</b>		
23 34 13 00-0015 EA 15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure ..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,800.41 88.61 177.23 243.69	346.81
23 34 13 00-0016 EA 15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure ..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,910.94 95.61 191.22 262.93	358.62
23 34 13 00-0017 EA 18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	1,974.48 98.72 197.44 271.48	370.43
23 34 13 00-0018 EA 18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure ..... <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i> <i>For 1/2" Static Pressure, Add</i>	2,091.62 105.97 211.95 291.43	383.32



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 34 HVAC Fans**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0019	EA		18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure.....	2,366.17	398.35
			For 1/4" Static Pressure, Add	125.67	
			For 3/8" Static Pressure, Add	251.33	
			For 1/2" Static Pressure, Add	345.58	
23 34 13 00-0020	EA		24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure.....	2,497.17	413.38
			For 1/4" Static Pressure, Add	133.70	
			For 3/8" Static Pressure, Add	267.40	
			For 1/2" Static Pressure, Add	367.67	
23 34 13 00-0021	EA		24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure.....	2,802.27	429.49
			For 1/4" Static Pressure, Add	155.46	
			For 3/8" Static Pressure, Add	310.93	
			For 1/2" Static Pressure, Add	427.53	
23 34 13 00-0022	EA		24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure.....	3,172.98	429.49
			For 1/4" Static Pressure, Add	185.23	
			For 3/8" Static Pressure, Add	370.46	
			For 1/2" Static Pressure, Add	509.38	
23 34 13 00-0023	EA		30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure.....	3,685.06	467.07
			For 1/4" Static Pressure, Add	220.24	
			For 3/8" Static Pressure, Add	440.48	
			For 1/2" Static Pressure, Add	605.66	
23 34 13 00-0024	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure.....	4,366.68	565.85
			For 1/4" Static Pressure, Add	259.11	
			For 3/8" Static Pressure, Add	518.21	
			For 1/2" Static Pressure, Add	712.54	
23 34 13 00-0025	EA		30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure.....	4,991.59	565.85
			For 1/4" Static Pressure, Add	308.72	
			For 3/8" Static Pressure, Add	617.44	
			For 1/2" Static Pressure, Add	848.97	
23 34 13 00-0026	EA		36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure.....	5,501.84	596.99
			For 1/4" Static Pressure, Add	344.71	
			For 3/8" Static Pressure, Add	689.41	
			For 1/2" Static Pressure, Add	947.94	
23 34 13 00-0027	EA		36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure.....	6,014.79	631.35
			For 1/4" Static Pressure, Add	380.36	
			For 3/8" Static Pressure, Add	760.73	
			For 1/2" Static Pressure, Add	1,046.00	
23 34 13 00-0028	EA		36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure.....	6,828.94	825.69
			For 1/4" Static Pressure, Add	414.57	
			For 3/8" Static Pressure, Add	829.14	
			For 1/2" Static Pressure, Add	1,140.07	
23 34 13 00-0029	EA		36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure.....	7,821.16	826.76
			For 1/4" Static Pressure, Add	493.95	
			For 3/8" Static Pressure, Add	987.90	
			For 1/2" Static Pressure, Add	1,358.36	
23 34 13 00-0030	EA		42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure.....	8,824.63	975.79
			For 1/4" Static Pressure, Add	550.36	
			For 3/8" Static Pressure, Add	1,100.72	
			For 1/2" Static Pressure, Add	1,513.49	
<b>23 34 16 Centrifugal HVAC Fans (23 34)</b>					
23 34 16 00-0001			<b>Centrifugal Fans (23 34 16)</b> Note: All belt fans to be supplied with belt guard.		
23 34 16 00-0002			<b>Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001)</b> Note: V-belt driven.		
23 34 16 00-0003			<b>Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)</b> Note: Under 30" diameter wheel.		
23 34 16 00-0004			<b>12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0005	EA		1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,221.97	235.90
23 34 16 00-0006	EA		1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,754.15	244.81
23 34 16 00-0007	EA		1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,804.89	195.09
23 34 16 00-0008	EA		1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,884.91	267.35
23 34 16 00-0009	EA		3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,930.98	283.46
23 34 16 00-0010	EA		1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	1,992.71	295.27
23 34 16 00-0011	EA		1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan.....	2,054.74	314.60
23 34 16 00-0012			<b>13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0013	EA		1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,022.83	257.69
23 34 16 00-0014	EA		1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,059.33	267.35
23 34 16 00-0015	EA		1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,127.17	283.46
23 34 16 00-0016	EA		3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,166.83	295.27
23 34 16 00-0017	EA		1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,240.20	314.60
23 34 16 00-0018	EA		1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure.....	2,313.18	329.63
23 34 16 00-0019			<b>15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0020	EA		1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,037.56	267.35
23 34 16 00-0021	EA		1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,083.65	283.46
23 34 16 00-0022	EA		1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure.....	2,145.06	295.27



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0023 EA 3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,196.66	314.60
23 34 16 00-0024 EA 1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,262.40	329.63
23 34 16 00-0025 EA 1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,354.25	354.32
23 34 16 00-0026 EA 2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure .....	2,426.02	372.58
<b>23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0028 EA 1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,333.94	283.46
23 34 16 00-0029 EA 1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,417.97	295.27
23 34 16 00-0030 EA 1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,510.93	314.60
23 34 16 00-0031 EA 3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,559.76	329.63
23 34 16 00-0032 EA 1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,623.85	354.32
23 34 16 00-0033 EA 1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,678.73	372.58
23 34 16 00-0034 EA 2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure .....	2,975.07	404.79
<b>23 34 16 00-0035 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0036 EA 1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,411.69	295.27
23 34 16 00-0037 EA 1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,468.72	314.60
23 34 16 00-0038 EA 1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,545.35	329.63
23 34 16 00-0039 EA 3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,604.56	354.32
23 34 16 00-0040 EA 1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,687.21	372.58
23 34 16 00-0041 EA 1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,811.84	404.79
23 34 16 00-0042 EA 2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	2,892.56	429.49
23 34 16 00-0043 EA 3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure .....	3,012.66	472.44
<b>23 34 16 00-0044 20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0045 EA 1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,436.08	314.60
23 34 16 00-0046 EA 1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,512.68	329.63
23 34 16 00-0047 EA 1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,604.56	354.32
23 34 16 00-0048 EA 3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,687.21	372.58
23 34 16 00-0049 EA 1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	2,844.48	404.79
23 34 16 00-0050 EA 1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	3,065.11	429.49
23 34 16 00-0051 EA 2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	3,218.82	472.44
23 34 16 00-0052 EA 3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure .....	3,378.78	505.73
<b>23 34 16 00-0053 22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0054 EA 1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	2,929.86	329.63
23 34 16 00-0055 EA 1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	2,983.96	354.32
23 34 16 00-0056 EA 1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,059.03	372.58
23 34 16 00-0057 EA 3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,152.83	404.79
23 34 16 00-0058 EA 1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,277.96	429.49
23 34 16 00-0059 EA 1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,318.56	472.44
23 34 16 00-0060 EA 2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,400.54	505.73
23 34 16 00-0061 EA 3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure .....	3,546.97	566.92
<b>23 34 16 00-0062 24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0063 EA 1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,525.95	354.32
23 34 16 00-0064 EA 1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,638.91	404.79
23 34 16 00-0065 EA 3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,752.28	429.49
23 34 16 00-0066 EA 1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,871.77	472.44
23 34 16 00-0067 EA 1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	3,977.31	505.73
23 34 16 00-0068 EA 2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	4,069.34	566.92
23 34 16 00-0069 EA 3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	4,198.46	616.31
23 34 16 00-0070 EA 5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure .....	4,501.74	708.66
<b>23 34 16 00-0071 27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure (23 34 16 00-0003)</b>		
23 34 16 00-0072 EA 1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	3,907.88	372.58
23 34 16 00-0073 EA 1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,024.36	429.49
23 34 16 00-0074 EA 3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,143.83	472.44
23 34 16 00-0075 EA 1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,249.39	505.73
23 34 16 00-0076 EA 1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,395.82	566.92
23 34 16 00-0077 EA 2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,524.61	616.31
23 34 16 00-0078 EA 3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,851.01	708.66
23 34 16 00-0079 EA 5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure .....	4,893.11	787.03
<b>23 34 16 00-0080 Large Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)</b>		
Note: Over 30" diameter wheel.		
<b>23 34 16 00-0081 30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure (23 34 16 00-0080)</b>		
23 34 16 00-0082 EA 1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....	5,476.96	472.44
23 34 16 00-0083 EA 3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....	5,578.23	505.73
23 34 16 00-0084 EA 1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....	5,734.39	566.92

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 34 HVAC Fans**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....		5,874.05	616.31
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....		6,079.73	708.66
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....		6,264.32	787.03
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....		6,568.24	944.87
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure .....		6,848.71	1,089.83
<b>23 34 16 00-0090</b>		<b>33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0080)</b>			
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		6,425.92	505.73
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		6,626.76	566.92
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		6,810.30	616.31
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		7,059.18	708.66
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		7,287.31	787.03
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		7,634.73	944.87
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		8,023.93	1,089.83
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure .....		8,568.20	1,417.31
<b>23 34 16 00-0099</b>		<b>36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0080)</b>			
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		6,857.50	566.92
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		7,047.54	616.31
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		7,655.53	708.66
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		8,064.33	787.03
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		8,564.37	944.87
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		8,946.72	1,089.83
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		9,748.02	1,417.31
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure .....		10,414.89	1,771.63
<b>23 34 16 00-0108</b>		<b>Kitchen System Fans (23 34 16 00-0001)</b>			
<b>23 34 16 00-0109</b>		<b>Upblast Kitchen Exhaust Fans (23 34 16 00-0108)</b>			
<b>23 34 16 00-0110</b>		<b>Direct Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)</b>			
		Note: Greenheck CUE.			
23 34 16 00-0111	EA	Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan.....		1,360.03	139.58
		Note: 115V. For roof or wall installations. Includes disconnect switch.			
		For Bird Screen, Add		61.24	
		For Backdraft Damper, Add		167.06	
		For Damper Motor, Add		274.97	
23 34 16 00-0112	EA	14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan .....		1,603.31	139.58
		Note: 115V. For roof or wall installations. Includes disconnect switch.			
		For Bird Screen, Add		61.24	
		For Backdraft Damper, Add		167.06	
		For Damper Motor, Add		274.97	
<b>23 34 16 00-0113</b>		<b>Belt Drive Kitchen Upblast Exhaust Fans (23 34 16 00-0109)</b>			
		Note: Greenheck CUBE.			
23 34 16 00-0114	EA	10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan .....		2,371.77	139.58
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Bird Screen, Add		61.24	
		For Wall Mounted Fan, Add		94.87	
		For 3 Phase Motor, Deduct		-50.00	
		For Totally Enclosed Motor, Add		85.00	
		For Grease Trap Kit, Add		76.41	
		For Hinged Curb Kit, Add		177.87	
		For Backdraft Damper, Add		167.06	
		For Damper Motor, Add		274.97	
23 34 16 00-0115	EA	12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan .....		2,477.35	139.58
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Bird Screen, Add		61.24	
		For Wall Mounted Fan, Add		99.09	
		For 3 Phase Motor, Deduct		-50.00	
		For Totally Enclosed Motor, Add		85.00	
		For Grease Trap Kit, Add		76.41	
		For Hinged Curb Kit, Add		186.85	
		For Backdraft Damper, Add		167.06	
		For Damper Motor, Add		274.97	
23 34 16 00-0116	EA	14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan .....		2,112.75	161.06
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Bird Screen, Add		69.68	
		For Wall Mounted Fan, Add		84.51	
		For 3 Phase Motor, Deduct		-50.00	
		For Totally Enclosed Motor, Add		85.00	
		For Grease Trap Kit, Add		76.41	
		For Hinged Curb Kit, Add		152.20	
		For Backdraft Damper, Add		189.75	
		For Damper Motor, Add		274.97	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0117 EA 14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,264.78	161.06
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	69.68	
For Wall Mounted Fan, Add	90.59	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	165.13	
For Backdraft Damper, Add	189.75	
For Damper Motor, Add	274.97	
23 34 16 00-0118 EA 16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	2,884.38	187.90
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	69.68	
For Wall Mounted Fan, Add	115.38	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	213.23	
For Backdraft Damper, Add	189.75	
For Damper Motor, Add	274.97	
23 34 16 00-0119 EA 16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,046.97	187.90
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	69.68	
For Wall Mounted Fan, Add	121.88	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	227.05	
For Backdraft Damper, Add	189.75	
For Damper Motor, Add	274.97	
23 34 16 00-0120 EA 18" Diameter Wheel, 1/2 HP, 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,320.87	201.33
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	116.14	
For Wall Mounted Fan, Add	132.83	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	248.05	
For Backdraft Damper, Add	238.43	
For Damper Motor, Add	274.97	
23 34 16 00-0121 EA 18" Diameter Wheel, 1 HP, 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,574.26	201.33
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	116.14	
For Wall Mounted Fan, Add	142.97	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	269.59	
For Backdraft Damper, Add	238.43	
For Damper Motor, Add	274.97	
23 34 16 00-0122 EA 20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,630.68	214.75
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	116.14	
For Wall Mounted Fan, Add	145.23	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	272.10	
For Backdraft Damper, Add	238.43	
For Damper Motor, Add	274.97	
23 34 16 00-0123 EA 20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	3,987.54	214.75
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	116.14	
For Wall Mounted Fan, Add	159.50	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	302.43	
For Backdraft Damper, Add	238.43	
For Damper Motor, Add	274.97	
23 34 16 00-0124 EA 24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	4,594.47	241.59
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
For Bird Screen, Add	137.25	
For Wall Mounted Fan, Add	183.78	
For 3 Phase Motor, Deduct	-50.00	
For Totally Enclosed Motor, Add	85.00	
For Grease Trap Kit, Add	76.41	
For Hinged Curb Kit, Add	349.46	
For Backdraft Damper, Add	258.23	
For Damper Motor, Add	274.97	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0125	EA		24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	4,921.76	241.59
			Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	137.25	
			<i>For Wall Mounted Fan, Add</i>	196.87	
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	377.28	
			<i>For Backdraft Damper, Add</i>	258.23	
			<i>For Damper Motor, Add</i>	274.97	
23 34 16 00-0126	EA		30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	5,839.09	268.43
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	147.81	
			<i>For Wall Mounted Fan, Add</i>	233.56	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	450.69	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 16 00-0127	EA		30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	5,946.78	268.43
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	147.81	
			<i>For Wall Mounted Fan, Add</i>	237.87	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	459.84	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 16 00-0128	EA		30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,493.68	268.43
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	147.81	
			<i>For Wall Mounted Fan, Add</i>	259.75	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	506.33	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 16 00-0129	EA		30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	6,757.63	268.43
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	147.81	
			<i>For Wall Mounted Fan, Add</i>	270.31	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	528.77	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 16 00-0130	EA		36" Diameter Wheel, 3 HP, 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,440.89	295.27
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	168.93	
			<i>For Wall Mounted Fan, Add</i>	297.64	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	582.28	
			<i>For Damper Motor, Add</i>	274.97	
			<i>For Backdraft Damper, Add</i>	338.66	
23 34 16 00-0131	EA		36" Diameter Wheel, 5 HP, 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,744.43	295.27
			Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	168.93	
			<i>For Wall Mounted Fan, Add</i>	309.78	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	608.08	
			<i>For Damper Motor, Add</i>	274.97	
			<i>For Backdraft Damper, Add</i>	338.66	
23 34 16 00-0132	EA		42" Diameter Wheel, 3 HP, 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,806.64	322.11
			Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	168.93	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	608.81	
			<i>For Damper Motor, Add</i>	274.97	
			<i>For Backdraft Damper, Add</i>	394.67	
23 34 16 00-0133	EA		42" Diameter Wheel, 7-1/2 HP, 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	8,473.06	322.11
			Note: 230/460/60/3. Includes bird screen, heat baffle, grease baffle and disconnect switch.		
			<i>For Bird Screen, Add</i>	168.93	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
			<i>For Grease Trap Kit, Add</i>	76.41	
			<i>For Hinged Curb Kit, Add</i>	665.45	
			<i>For Damper Motor, Add</i>	274.97	
			<i>For Backdraft Damper, Add</i>	394.67	

23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans (23 34 16 00-0108)

Note: Roof mounted with downblast discharge, weatherhood and filter.

23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0136 EA 7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan ..... 1,584.60 139.58 Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 265.58		
23 34 16 00-0137 EA 8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan ..... 1,667.25 139.58 Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 277.98		
23 34 16 00-0138 EA 9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan ..... 1,768.67 139.58 Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 293.19		
<b>23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans (23 34 16 00-0134)</b>		
23 34 16 00-0140 EA 9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan ..... 1,808.01 139.58 Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 299.09		
23 34 16 00-0141 EA 10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan ..... 2,017.31 187.90 Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 340.18		
23 34 16 00-0142 EA 12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan ..... 2,435.51 214.75 Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 408.28		
23 34 16 00-0143 EA 15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan ..... 2,817.39 268.43 Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 476.29		
23 34 16 00-0144 EA 18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan ..... 3,410.38 322.11 Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch. <i>For Extended Weatherhood, Add</i> 575.98		
<b>23 34 16 00-0145 Replacement Parts (23 34 16 00-0001)</b>		
<b>23 34 16 00-0146 Replace Belts And Accessories (23 34 16 00-0145)</b>		
23 34 16 00-0147 EA Fan Shaft Bearing, Replacement ..... 855.06 378.36		
23 34 16 00-0148 EA Fan Belt, Replacement ..... 142.02 51.31		
<b>23 34 16 00-0149 Corrosive Fume Resistant Plastic (23 34 16 00-0001)</b>		
<b>23 34 16 00-0150 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure (23 34 16 00-0149)</b>		
23 34 16 00-0151 EA 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 6,413.76 193.71 <i>For Explosion Proof Motor, Add</i> 903.95		
23 34 16 00-0152 EA 895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 6,961.31 232.69 <i>For Explosion Proof Motor, Add</i> 974.39		
23 34 16 00-0153 EA 1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 8,251.62 290.86 <i>For Explosion Proof Motor, Add</i> 1,150.49		
23 34 16 00-0154 EA 2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 8,837.31 388.01 <i>For Explosion Proof Motor, Add</i> 1,209.18		
23 34 16 00-0155 EA 3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 10,085.57 581.72 <i>For Explosion Proof Motor, Add</i> 1,338.32		
23 34 16 00-0156 EA 11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 17,353.64 1,163.44 <i>For Explosion Proof Motor, Add</i> 2,254.01		
23 34 16 00-0157 EA 18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic ..... 25,318.50 1,663.14 <i>For Explosion Proof Motor, Add</i> 3,298.84		
<b>23 34 16 00-0158 Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)</b>		
23 34 16 00-0159 EA 1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 6,413.76 193.71 <i>For Explosion Proof Motor, Add</i> 903.95		
23 34 16 00-0160 EA 1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 6,569.99 232.69 <i>For Explosion Proof Motor, Add</i> 915.69		
23 34 16 00-0161 EA 1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 6,686.34 290.86 <i>For Explosion Proof Motor, Add</i> 915.69		
23 34 16 00-0162 EA 2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 6,880.71 388.01 <i>For Explosion Proof Motor, Add</i> 915.69		
23 34 16 00-0163 EA 3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 9,459.46 581.72 <i>For Explosion Proof Motor, Add</i> 1,244.40		
23 34 16 00-0164 EA 4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 9,750.33 727.15 <i>For Explosion Proof Motor, Add</i> 1,244.40		
23 34 16 00-0165 EA 4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 9,960.20 832.09 <i>For Explosion Proof Motor, Add</i> 1,244.40		
23 34 16 00-0166 EA 6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 10,197.72 872.58 <i>For Explosion Proof Motor, Add</i> 1,267.88		
23 34 16 00-0167 EA 7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic ..... 10,469.89 969.49 <i>For Explosion Proof Motor, Add</i> 1,279.62		
<b>23 34 16 00-0168 In-Line Duct Fans (23 34 16 00-0001)</b>		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0169			<b>Direct Drive In-Line Duct Fans</b> (23 34 16 00-0168) Note: Greenheck SQ.		
23 34 16 00-0170	EA		Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan ..... Note: 115V. Includes disconnect switch.	1,636.37	139.58
23 34 16 00-0171	EA		13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan ..... Note: 115V. Includes disconnect switch.	2,099.89	150.33
23 34 16 00-0172	EA		14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan ..... Note: 115V. Includes disconnect switch.	2,303.83	161.06
23 34 16 00-0173			<b>Belt Drive In-Line Duct Fans</b> (23 34 16 00-0168) Note: Greenheck BSQ.		
23 34 16 00-0174	EA		Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	2,409.38	161.06
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0175	EA		13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	2,768.32	187.90
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0176	EA		13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	3,120.59	187.90
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0177	EA		13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	3,420.08	187.90
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0178	EA		16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	3,321.16	214.75
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0179	EA		16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	3,828.35	214.75
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0180	EA		24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan ..... Note: 115/208-230/60/1. Includes disconnect switch.	4,873.20	268.43
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0181	EA		24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan ..... Note: 230/460/60/3. Includes disconnect switch.	5,153.19	268.43
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0182	EA		24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan ..... Note: Belt drive. 230/460/60/3. Includes disconnect switch.	5,350.56	268.43
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0183	EA		30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan ..... Note: 230/460/60/3. Includes disconnect switch.	6,184.40	322.11
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0184	EA		30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan ..... Note: 230/460/60/3. Includes disconnect switch.	6,419.97	322.11
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0185	EA		30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan ..... Note: 230/460/60/3. Includes disconnect switch.	6,709.46	322.11
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0186			<b>In-Line Cabinet Fans</b> (23 34 16 00-0001)		
23 34 16 00-0187	EA		77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	506.16	93.95
23 34 16 00-0188	EA		91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	506.16	93.95
23 34 16 00-0189	EA		82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	577.00	99.32
23 34 16 00-0190	EA		281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	641.03	99.32
23 34 16 00-0191	EA		190 CFM, 115 Volt, Direct Drive Cabinet Fan.....	815.92	99.32
23 34 16 00-0192	EA		217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	669.61	99.32
23 34 16 00-0193	EA		325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	770.11	99.32
23 34 16 00-0194	EA		250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan.....	1,479.50	99.32
23 34 16 00-0195	EA		419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	908.93	104.68
23 34 16 00-0196	EA		334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	924.70	104.68
23 34 16 00-0197	EA		350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan.....	1,539.52	104.68
23 34 16 00-0198	EA		527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	924.70	104.68
23 34 16 00-0199	EA		631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,254.76	104.68
23 34 16 00-0200	EA		752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,254.76	104.68
23 34 16 00-0201	EA		1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan.....	1,254.76	104.68
23 34 16 00-0202	EA		999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,365.12	104.68
23 34 16 00-0203			<b>Propeller And Ceiling Fans</b> (23 34 16)		
23 34 16 00-0204			<b>Direct Drive, Sidewall Propeller Exhaust Fan</b> (23 34 16 00-0203) Note: Greenheck SE1.		
23 34 16 00-0205	EA		1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... Note: Includes motor side guard.	712.26	114.89
			<i>For Backdraft Damper, Add</i>	196.79	
			<i>For Wall Mount Collar, Add</i>	284.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0206 EA 1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 752.81	752.81	127.78
Note: Includes motor side guard.		
For Backdraft Damper, Add	210.81	
For Wall Mount Collar, Add	284.40	
23 34 16 00-0207 EA 1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 833.51	833.51	141.73
Note: Includes motor side guard.		
For Backdraft Damper, Add	230.61	
For Wall Mount Collar, Add	291.80	
23 34 16 00-0208 EA 1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 1,232.08	1,232.08	156.76
For Backdraft Damper, Add	276.41	
For Wall Mount Collar, Add	297.09	
For Motor Side Guard, Add	247.22	
23 34 16 00-0209 EA 1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 1,024.50	1,024.50	173.94
For Backdraft Damper, Add	276.41	
For Wall Mount Collar, Add	304.51	
For Motor Side Guard, Add	263.06	
23 34 16 00-0210 EA 1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 1,150.95	1,150.95	193.27
For Backdraft Damper, Add	336.64	
For Wall Mount Collar, Add	311.90	
For Motor Side Guard, Add	278.92	
23 34 16 00-0211 EA 1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan ..... 1,311.98	1,311.98	214.75
For Backdraft Damper, Add	336.64	
For Wall Mount Collar, Add	317.21	
For Motor Side Guard, Add	301.10	
<b>23 34 16 00-0212 Belt Drive Propeller Exhaust Fans (23 34 16 00-0203)</b>		
Note: Wall shutter 1/8" static pressure, with bird screen.		
23 34 16 00-0213 EA 24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter..... 2,495.74	2,495.74	307.08
23 34 16 00-0214 EA 30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter..... 2,856.69	2,856.69	357.55
23 34 16 00-0215 EA 36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter..... 3,234.57	3,234.57	429.49
23 34 16 00-0216 EA 42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter..... 4,519.39	4,519.39	536.86
23 34 16 00-0217 EA 48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter..... 5,372.23	5,372.23	716.17
23 34 16 00-0218 EA 54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter..... 7,441.61	7,441.61	1,073.72
23 34 16 00-0219 EA 60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter..... 8,909.65	8,909.65	1,376.50
<b>23 34 16 00-0220 Propeller Exhaust Fan Accessories (23 34 16 00-0203)</b>		
23 34 16 00-0221 SF Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening)..... 127.52	127.52	
23 34 16 00-0222 SF Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening)..... 295.06	295.06	
<b>23 34 16 00-0223 Reversible Ceiling Fans (23 34 16 00-0203)</b>		
<b>23 34 16 00-0224 4 Blade Ceiling Fans (23 34 16 00-0223)</b>		
23 34 16 00-0225 EA 42" 4-Blade Ceiling Fan, Three Speed ..... 580.59	580.59	57.47
For Brass Plated Motor, Add	20.25	
For Light Kit, Add	25.96	
<b>23 34 16 00-0226 5 Blade Ceiling Fans (23 34 16 00-0223)</b>		
23 34 16 00-0227 EA 42" 5-Blade Ceiling Fan, Three Speed ..... 636.19	636.19	142.22
For Brass Plated Motor, Add	20.25	
For Light Kit, Add	26.02	
23 34 16 00-0228 EA 52" 5-Blade Ceiling Fan, Three Speed ..... 727.07	727.07	142.22
For Brass Plated Motor, Add	20.25	
For Light Kit, Add	26.13	
<b>23 34 16 00-0229 3 Blade Weatherproof Ceiling Fans (23 34 16 00-0223)</b>		
23 34 16 00-0230 EA 3-Blade Ceiling Fan, Weatherproof, Three Speed ..... 597.76	597.76	53.15
<b>23 34 16 00-0231 Exhaust Fans (23 34 16)</b>		
<b>23 34 16 00-0232 Exhaust Fans (23 34 16 00-0231)</b>		
Note: Excludes ducting.		
<b>23 34 16 00-0233 Light Duty Exhaust Fans (23 34 16 00-0232)</b>		
<b>23 34 16 00-0234 Light Duty Exhaust Fans (23 34 16 00-0233)</b>		
23 34 16 00-0235 EA 50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)..... 147.48	147.48	46.44
23 34 16 00-0236 EA 70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)..... 156.60	156.60	46.44
23 34 16 00-0237 EA 180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)..... 266.09	266.09	46.44
23 34 16 00-0238 EA 350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)..... 339.30	339.30	46.44
23 34 16 00-0239 EA 160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)..... 302.13	302.13	46.44
23 34 16 00-0240 EA 270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)..... 406.08	406.08	46.44
<b>23 34 16 00-0241 Light Duty Exhaust Fans With Lights (23 34 16 00-0233)</b>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0242	EA		50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678).....	196.26	46.44
23 34 16 00-0243	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679).....	219.11	46.44
23 34 16 00-0244	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680).....	420.04	46.44
<b>23 34 16 00-0245</b>			<b>Light Duty Exhaust Fans With Heaters</b> (23 34 16 00-0233)		
23 34 16 00-0246	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162).....	201.21	46.44
23 34 16 00-0247	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658).....	326.49	46.44
<b>23 34 16 00-0248</b>			<b>Light Duty Exhaust Fans With Heaters And Lights</b> (23 34 16 00-0233)		
23 34 16 00-0249	EA		70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655).....	348.21	46.44
23 34 16 00-0250	EA		100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL).....	534.68	46.44
<b>23 34 16 00-0251</b>			<b>Heavy-Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0232)		
<b>23 34 16 00-0252</b>			<b>Heavy-Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0251)		
			Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0253	EA		50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50).....	235.71	46.44
23 34 16 00-0254	EA		80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80).....	261.89	46.44
23 34 16 00-0255	EA		109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG).....	488.53	46.44
23 34 16 00-0256	EA		157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG).....	500.67	46.44
23 34 16 00-0257	EA		210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG).....	538.43	46.44
23 34 16 00-0258	EA		259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG).....	562.57	46.44
23 34 16 00-0259	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG).....	571.92	46.44
23 34 16 00-0260	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400).....	656.23	46.44
23 34 16 00-0261	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500).....	749.22	46.44
23 34 16 00-0262	EA		701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700).....	802.19	46.44
23 34 16 00-0263	EA		901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900).....	956.93	46.44
23 34 16 00-0264	EA		1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500).....	1,232.57	46.44
<b>23 34 16 00-0265</b>			<b>Heavy-Duty/Continuous Operation Kitchen Exhaust Fans</b> (23 34 16 00-0251)		
			Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0266	EA		308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG).....	507.74	46.44
23 34 16 00-0267	EA		434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K).....	742.27	46.44
23 34 16 00-0268	EA		514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy-Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K).....	785.70	46.44
<b>23 34 16 00-0269</b>			<b>Heavy-Duty/Continuous Operation Exhaust Fans With Lights</b> (23 34 16 00-0251)		
23 34 16 00-0270	EA		50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L).....	257.15	46.44
23 34 16 00-0271	EA		80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy-Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L).....	281.75	46.44
<b>23 34 16 00-0272</b>			<b>Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fans</b> (23 34 16 00-0251)		
23 34 16 00-0273	EA		50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF).....	267.95	46.44
23 34 16 00-0274	EA		80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF).....	284.23	46.44
23 34 16 00-0275	EA		110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy-Duty/Continuous Operation Exhaust Fan (Broan® 110RDF).....	292.09	46.44
<b>23 34 16 00-0276</b>			<b>Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans</b> (23 34 16 00-0232)		
23 34 16 00-0277	EA		900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900).....	1,324.03	46.44
23 34 16 00-0278	EA		1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050).....	1,324.03	46.44
23 34 16 00-0279	EA		1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410).....	1,324.03	46.44
23 34 16 00-0280	EA		1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550).....	1,454.08	46.44
<b>23 34 16 00-0281</b>			<b>Room-To-Room Exhaust Fans</b> (23 34 16 00-0232)		
23 34 16 00-0282	EA		90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512).....	190.11	46.44
23 34 16 00-0283	EA		180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511).....	323.08	46.44



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0284 EA 380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510).....	371.54	46.44
<b>23 34 16 00-0285 Through-Wall Exhaust Fans</b> (23 34 16 00-0232)		
23 34 16 00-0286 EA 250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507) .....	346.21	46.44
23 34 16 00-0287 EA 470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506) .....	412.99	46.44
23 34 16 00-0288 EA 180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509) .....	300.28	46.44
23 34 16 00-0289 EA 270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508) .....	406.08	46.44
23 34 16 00-0290 EA 360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C) .....	719.29	46.44
<b>23 34 16 00-0291 Exhaust Fan Accessories</b> (23 34 16 00-0232)		
<b>23 34 16 00-0292 Exhaust Fan Controls</b> (23 34 16 00-0291)		
23 34 16 00-0293 EA Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57) .....	189.32	29.03
23 34 16 00-0294 EA 60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59).....	130.25	29.03
23 34 16 00-0295 EA 60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61) .....	131.65	29.03
<b>23 34 16 00-0296 Roof And Wall Caps For Exhaust Fans</b> (23 34 16 00-0291)		
<b>23 34 16 00-0297 Wall Caps For Exhaust Fans</b> (23 34 16 00-0296)		
23 34 16 00-0298 EA Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613).....	299.03	58.29
23 34 16 00-0299 EA Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643).....	303.69	58.29
<b>23 34 16 00-0300 Roof Caps For Exhaust Fans</b> (23 34 16 00-0296)		
Note: Includes flashing and built in bird screen.		
23 34 16 00-0301 EA Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611).....	251.04	58.29
23 34 16 00-0302 EA Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612).....	371.81	58.29
23 34 16 00-0303 EA CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636) .....	158.21	58.29
23 34 16 00-0304 EA CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634) .....	194.43	58.29
<b>23 34 16 00-0305 Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan</b> (23 34 16 00-0232)		
Note: Includes storage and cleaning.		
23 34 16 00-0306 EA Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan .....	80.52	
<b>23 34 23 HVAC Power Ventilators</b> (23 34)		
<b>23 34 23 00-0001 Power Roof Ventilators</b> (23 34 23)		
<b>23 34 23 00-0002 Direct Drive, Aluminum, Centrifugal Roof Exhausters</b> (23 34 23 00-0001)		
Note: Greenheck G.		
23 34 23 00-0003 EA 1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	620.42	153.54
Note: Three speed motor.		
<i>For 12" Roof Curb, Add</i>		212.71
<i>For Backdraft Damper, Add</i>		155.92
<i>For Solid State Speed Control, Add</i>		112.53
<i>For Damper Motor, Add</i>		274.97
23 34 23 00-0004 EA 1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	679.25	173.94
Note: Three speed motor.		
<i>For 12" Roof Curb, Add</i>		212.71
<i>For Backdraft Damper, Add</i>		155.92
<i>For Solid State Speed Control, Add</i>		112.53
<i>For Damper Motor, Add</i>		274.97
23 34 23 00-0005 EA 1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	975.05	202.93
<i>For 12" Roof Curb, Add</i>		219.04
<i>For Backdraft Damper, Add</i>		167.06
<i>For Solid State Speed Control, Add</i>		112.53
<i>For Damper Motor, Add</i>		274.97
23 34 23 00-0006 EA 1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	1,004.09	228.70
<i>For 12" Roof Curb, Add</i>		219.04
<i>For Backdraft Damper, Add</i>		167.06
<i>For Solid State Speed Control, Add</i>		112.53
<i>For Damper Motor, Add</i>		274.97
23 34 23 00-0007 EA 1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	1,291.43	252.32
<i>For Solid State Speed Control, Add</i>		112.53
<i>For Damper Motor, Add</i>		274.97
23 34 23 00-0008 EA 1/2 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster .....	1,464.56	268.43
<i>For 12" Roof Curb, Add</i>		229.60
<i>For Backdraft Damper, Add</i>		189.75
<i>For Solid State Speed Control, Add</i>		177.99
<i>For Damper Motor, Add</i>		274.97
<b>23 34 23 00-0009 Belt Drive, Aluminum, Centrifugal Roof Exhausters</b> (23 34 23 00-0001)		
Note: Greenheck GB.		
23 34 23 00-0010 EA 1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,429.19	273.36
<i>For 12" Roof Curb, Add</i>		219.04
<i>For Backdraft Damper, Add</i>		167.06
<i>For Damper Motor, Add</i>		274.97

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0011	EA		1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	1,559.74	290.19
			<i>For 12" Roof Curb, Add</i>	229.60	
			<i>For Backdraft Damper, Add</i>	189.75	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0012	EA		1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,118.64	346.81
			<i>For 12" Roof Curb, Add</i>	229.60	
			<i>For Backdraft Damper, Add</i>	189.75	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0013	EA		3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	2,704.17	429.49
			<i>For 12" Roof Curb, Add</i>	280.28	
			<i>For Backdraft Damper, Add</i>	238.43	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0014	EA		1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	3,571.32	536.86
			<i>For 12" Roof Curb, Add</i>	303.51	
			<i>For Backdraft Damper, Add</i>	258.23	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0015	EA		1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,820.85	671.07
			<i>For 12" Roof Curb, Add</i>	339.41	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0016	EA		2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,871.53	671.07
			<i>For 12" Roof Curb, Add</i>	339.41	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0017	EA		3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	6,418.44	671.07
			<i>For 12" Roof Curb, Add</i>	339.41	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
23 34 23 00-0018	EA		5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster.....	5,170.30	671.07
			<i>For 12" Roof Curb, Add</i>	339.41	
			<i>For Backdraft Damper, Add</i>	286.69	
			<i>For Damper Motor, Add</i>	274.97	
<b>23 34 23 00-0019</b>			<b>Propeller Exhaust Fans, Roof Mounted Upblast</b> (23 34 23 00-0001)		
			Note: Includes back draft damper and bird screen and curb.		
23 34 23 00-0020	EA		30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure .....	8,534.86	825.69
23 34 23 00-0021	EA		36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure .....	14,087.44	1,073.40
<b>23 34 23 00-0022</b>			<b>Belt Drive Supply Fans</b> (23 34 23 00-0001)		
23 34 23 00-0023	EA		4,500 CFM, 24" x 24" Supply Fan, Roof Mounted .....	3,335.40	428.74
23 34 23 00-0024	EA		10,000 CFM, 36" x 36" Supply Fan, Roof Mounted .....	4,523.24	536.75
<b>23 34 23 00-0025</b>			<b>Fan Thermostat</b> (23 34 23 00-0001)		
23 34 23 00-0026	EA		50 To 120 Degree Line Voltage Fan Thermostat.....	145.12	
<b>23 34 23 00-0027</b>			<b>Power Wall Ventilators</b> (23 34 23)		
<b>23 34 23 00-0028</b>			<b>Centrifugal Sidewall Exhausters</b> (23 34 23 00-0027)		
<b>23 34 23 00-0029</b>			<b>Direct Drive, Aluminum, Centrifugal Sidewall Exhauster</b> (23 34 23 00-0028)		
			Note: Greenheck CW.		
23 34 23 00-0030	EA		1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster .....	811.07	172.86
			<i>For Solid State Speed Control, Add</i>	177.99	
			<i>For Backdraft Damper, Add</i>	220.32	
			<i>For Damper Motor, Add</i>	478.18	
			<i>For Interior Wall Grill, Add</i>	137.42	
23 34 23 00-0031	EA		1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster .....	930.42	202.93
			<i>For Solid State Speed Control, Add</i>	177.99	
			<i>For Backdraft Damper, Add</i>	243.01	
			<i>For Damper Motor, Add</i>	478.18	
			<i>For Interior Wall Grill, Add</i>	163.82	
23 34 23 00-0032	EA		1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster .....	1,396.91	228.70
			<i>For Solid State Speed Control, Add</i>	177.99	
			<i>For Backdraft Damper, Add</i>	274.36	
			<i>For Damper Motor, Add</i>	478.18	
			<i>For Interior Wall Grill, Add</i>	190.23	
<b>23 34 23 00-0033</b>			<b>Belt Drive, Aluminum, Centrifugal Sidewall Exhausters</b> (23 34 23 00-0028)		
			Note: Greenheck CWB.		
23 34 23 00-0034	EA		1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	2,570.49	129.14
			<i>For Solid State Speed Control, Add</i>	177.99	
			<i>For Backdraft Damper, Add</i>	252.52	
			<i>For Damper Motor, Add</i>	478.18	
			<i>For Interior Wall Grill, Add</i>	290.54	
23 34 23 00-0035	EA		1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	2,712.87	145.43
			<i>For Solid State Speed Control, Add</i>	177.99	
			<i>For Backdraft Damper, Add</i>	252.52	
			<i>For Damper Motor, Add</i>	478.18	
			<i>For Interior Wall Grill, Add</i>	290.54	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0036 EA 3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster .....	3,335.45	166.37
For Solid State Speed Control, Add	177.99	
For Backdraft Damper, Add	317.79	
For Damper Motor, Add	478.18	
For Interior Wall Grill, Add	338.07	
<b>23 34 33 Air Curtains (23 34)</b>		
23 34 33 00-0001 Unheated Air Curtains For Entrances (23 34 33)		
23 34 33 00-0002 Unheated Air Curtains, Standard Velocity (23 34 33 00-0001)		
23 34 33 00-0003 EA Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated.....	2,328.24	787.03
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0004 EA Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated.....	2,361.63	787.03
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0005 EA Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated.....	2,397.80	787.03
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0006 EA Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated.....	2,996.02	787.03
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0007 EA Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	3,396.00	944.87
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0008 EA Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	3,604.68	944.87
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0009 EA Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	3,991.88	1,089.83
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	561.39	
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	417.03	
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	641.58	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 34 33 00-0010	EA Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i> <i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i> <i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,825.21 206.22 561.39 417.03 641.58 162.14 324.29 389.15 410.77	1,089.83
23 34 33 00-0011	EA Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i> <i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i> <i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,930.94 206.22 561.39 417.03 641.58 162.14 324.29 389.15 410.77	1,089.83
23 34 33 00-0012	EA Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add</i> <i>For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø</i> <i>For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,211.96 206.22 561.39 417.03 641.58 162.14 324.29 389.15 410.77	1,089.83
<b>23 34 33 00-0013</b>	<b>Unheated Air Curtains, High Velocity (23 34 33 00-0001)</b>		
23 34 33 00-0014	EA High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,881.94 206.22 324.29 162.14 324.29 389.15 410.77	787.03
23 34 33 00-0015	EA High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,925.06 206.22 324.29 162.14 324.29 389.15 410.77	787.03
23 34 33 00-0016	EA High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,943.15 206.22 324.29 162.14 324.29 389.15 410.77	787.03
23 34 33 00-0017	EA High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,977.93 206.22 324.29 162.14 324.29 389.15 410.77	787.03
23 34 33 00-0018	EA High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,664.78 206.22 324.29 162.14 324.29 389.15 410.77	944.87
23 34 33 00-0019	EA High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,879.02 206.22 324.29 162.14 324.29 389.15 410.77	944.87



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0020 EA High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,186.92  206.22 324.29 162.14 324.29 389.15 410.77	1,089.83
23 34 33 00-0021 EA High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,928.43  206.22 324.29 162.14 324.29 389.15 410.77	1,089.83
23 34 33 00-0022 EA High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	6,006.34  206.22 324.29 162.14 324.29 389.15 410.77	1,089.83
23 34 33 00-0023 EA High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Industrial Floor-Mounted Magnetic Reed Switch Only, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	6,309.62  206.22 324.29 162.14 324.29 389.15 410.77	1,089.83
<b>23 34 33 00-0024 Service Window Unheated Air Curtains</b> (23 34 33 00-0001) Note: Normal window sizes.		
23 34 33 00-0025 EA Air Curtain For 2.5' x 5' Service Window, Unheated ..... Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,156.28  206.22 162.14 324.29 389.15 410.77	620.61
<b>23 34 33 00-0026 Heated Air Curtains For Entrances</b> (23 34 33) Note: Includes housing, mounting brackets and manual controls.		
23 34 33 00-0027 EA 60" Heated Air Curtain With 1- 300 MBH Heater ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,070.99  206.22 162.14 324.29 389.15 410.77	693.09
23 34 33 00-0028 EA 60" Heated Air Curtain With 1- 400 MBH Heater ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,428.92  206.22 162.14 324.29 389.15 410.77	693.09
23 34 33 00-0029 EA 72" Heated Air Curtain With 1- 350 MBH Heater ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,884.49  206.22 162.14 324.29 389.15 410.77	831.60
23 34 33 00-0030 EA 72" Heated Air Curtain With 2- 250 MBH Heaters ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,314.01  206.22 162.14 324.29 389.15 410.77	831.60
23 34 33 00-0031 EA 96" Heated Air Curtain With 1- 400 MBH Heater ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	6,511.74  206.22 162.14 324.29 389.15 410.77	1,108.61
23 34 33 00-0032 EA 96" Heated Air Curtain With 2- 350 MBH Heaters ..... <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	7,084.43  206.22 162.14 324.29 389.15 410.77	1,108.61

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0033 EA 117" Heated Air Curtain With 2- 300 MBH Heaters .....	7,935.21	1,350.74
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0034 EA 117" Heated Air Curtain With 2- 400 MBH Heaters .....	8,633.18	1,350.74
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0035 EA 147" Heated Air Curtain With 2- 350 MBH Heaters .....	9,970.49	1,697.01
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0036 EA 147" Heated Air Curtain With 3- 350 MBH Heaters .....	11,706.45	1,697.01
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0037 EA 168" Heated Air Curtain With 2- 400 MBH Heaters .....	11,395.55	1,939.67
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0038 EA 168" Heated Air Curtain With 3- 400 MBH Heaters .....	13,379.08	1,939.67
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0039 EA 192" Heated Air Curtain With 2- 400 MBH Heaters .....	13,019.83	2,216.69
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	
23 34 33 00-0040 EA 192" Heated Air Curtain With 4- 350 MBH Heaters .....	15,286.72	2,216.69
For Door Limit Switch, Combination Roller And Plunger, Add	206.22	
For Flat Side Extension Plates, Add	162.14	
For Clearance Adjustable-Angle Mounting Bracket, Add	324.29	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	389.15	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	410.77	

**23 35 Special Exhaust Systems** (23 30)

See CSI section 23 31 13 16-0075 for spiral duct/piping.

**23 35 13 Dust Collection Systems** (23 35)**23 35 13 13 Sawdust Collection Systems** (23 35 13)

23 35 13 13-0001	Dust Collector System	(23 35 13 13)		
23 35 13 13-0002	EA 1.5 HP Dust Collector Central Vacuum Unit .....	4,473.93	930.76	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.			
23 35 13 13-0003	EA 2 HP Dust Collector Central Vacuum Unit .....	5,003.43	1,105.27	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.			
23 35 13 13-0004	EA 2-1/2 HP Dust Collector Central Vacuum Unit .....	6,021.02	1,279.79	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.			
23 35 13 13-0005	EA 3 HP Dust Collector Central Vacuum Unit .....	6,857.09	1,512.48	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.			
23 35 13 13-0006	EA 5 HP Dust Collector Central Vacuum Unit .....	14,749.88	1,727.72	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.			
23 35 13 13-0007	EA 7-1/2 HP Dust Collector Central Vacuum Unit .....	17,909.80	2,015.68	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.			
23 35 13 13-0008	EA 10 HP Dust Collector Central Vacuum Unit .....	20,516.02	2,303.62	
	Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.			
23 35 13 13-0009	EA 15 HP Dust Collector Central Vacuum Unit .....	23,058.44	2,649.17	
	Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.			
23 35 13 13-0010	EA 20 HP Dust Collector Central Vacuum Unit .....	25,722.86	2,994.71	
	Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.			

**23 35 13 13-0011 Vacuum Tubing And Accessories** (23 35 13 13)**23 35 13 13-0012 Vacuum Tubing** (23 35 13 13-0011)**23 35 13 13-0013 Flexible Hose** (23 35 13 13-0012)

23 35 13 13-0014	LF 2" Flexible Hose .....	12.78	1.93	
23 35 13 13-0015	LF 3" Flexible Hose .....	15.34	2.15	
23 35 13 13-0016	LF 4" Flexible Hose .....	16.64	2.36	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0017		<b>Galvanized Vacuum Tubing</b> <small>(23 35 13 13-0012)</small>		
23 35 13 13-0018	LF	2-1/8" Outside Diameter Vacuum Tubing, Galvanized.....	10.36	1.93
23 35 13 13-0019	LF	2-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	11.61	2.04
23 35 13 13-0020	LF	3" Outside Diameter Vacuum Tubing, Galvanized.....	13.84	2.15
23 35 13 13-0021	LF	3-1/2" Outside Diameter Vacuum Tubing, Galvanized.....	18.05	2.26
23 35 13 13-0022	LF	4" Outside Diameter Vacuum Tubing, Galvanized.....	18.56	2.36
23 35 13 13-0023	LF	5" Outside Diameter Vacuum Tubing, Galvanized.....	30.78	2.68
23 35 13 13-0024	LF	6" Outside Diameter Vacuum Tubing, Galvanized.....	34.69	3.11
23 35 13 13-0025	LF	8" Outside Diameter Vacuum Tubing, Galvanized.....	46.92	4.29
23 35 13 13-0026	LF	10" Outside Diameter Vacuum Tubing, Galvanized.....	54.94	5.37
23 35 13 13-0027	LF	12" Outside Diameter Vacuum Tubing, Galvanized.....	137.25	7.08
23 35 13 13-0028		<b>Vacuum Fittings, Galvanized</b> <small>(23 35 13 13-0011)</small>		
23 35 13 13-0029		<b>90 Degree Elbow</b> <small>(23 35 13 13-0028)</small>		
23 35 13 13-0030	EA	2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	51.93	12.35
23 35 13 13-0031	EA	2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	64.32	13.21
23 35 13 13-0032	EA	3" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	80.27	14.39
23 35 13 13-0033	EA	3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	94.75	15.57
23 35 13 13-0034	EA	4" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	112.94	17.18
23 35 13 13-0035	EA	5" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	187.00	19.11
23 35 13 13-0036	EA	6" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	248.35	21.47
23 35 13 13-0037	EA	8" 90 Degree Elbow, Vacuum Tubing, Galvanized.....	446.07	28.66
23 35 13 13-0038		<b>45 Degree Elbow</b> <small>(23 35 13 13-0028)</small>		
23 35 13 13-0039	EA	2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	48.62	12.35
23 35 13 13-0040	EA	2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	61.60	13.21
23 35 13 13-0041	EA	3" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	71.12	14.39
23 35 13 13-0042	EA	3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	84.42	15.57
23 35 13 13-0043	EA	4" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	103.39	17.18
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	153.87	19.11
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	199.63	21.47
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized.....	364.23	28.66
23 35 13 13-0047		<b>Wye</b> <small>(23 35 13 13-0028)</small>		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized.....	94.27	20.40
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized.....	113.26	22.01
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized.....	138.22	23.62
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized.....	167.98	26.31
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized.....	223.91	28.45
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized.....	378.53	31.68
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized.....	501.63	35.97
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized.....	991.47	39.19
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized.....	1,373.22	42.95
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized.....	1,734.87	48.10
23 35 13 13-0058		<b>Reducer</b> <small>(23 35 13 13-0028)</small>		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized.....	53.57	14.39
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized.....	59.57	15.57
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized.....	75.30	17.18
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized.....	81.21	19.11
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized.....	95.04	21.47
23 35 13 13-0064		<b>Air Gate Valve, Galvanized</b> <small>(23 35 13 13-0011)</small>		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized.....	372.17	28.66
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	389.84	30.60
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized.....	447.90	32.97
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized.....	510.38	35.21
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized.....	575.38	37.37
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized.....	679.49	42.63
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized.....	782.66	47.78
23 35 16		<b>Engine Exhaust Systems</b> <small>(23 35)</small>		
23 35 16 16		<b>Mechanical Engine Exhaust Systems</b> <small>(23 35 16)</small>		
23 35 16 16-0001		<b>Overhead Tailpipe Exhaust System</b> <small>(23 35 16 16)</small>		
23 35 16 16-0002		<b>Overhead Tailpipe Exhaust Blowers</b> <small>(23 35 16 16-0001)</small>		
23 35 16 16-0003		<b>Overhead Direct Drive Tailpipe Exhaust Blowers</b> <small>(23 35 16 16-0002)</small>		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	3,779.69	228.70
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	4,316.03	467.07

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0006 EA 1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System .....	6,031.50	565.85
<b>23 35 16 16-0007 Overhead Belt Drive Tailpipe Exhaust Blowers</b> (23 35 16 16-0002)		
23 35 16 16-0008 EA 1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,192.67	467.07
23 35 16 16-0009 EA 2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,446.85	565.85
23 35 16 16-0010 EA 2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	5,260.07	895.48
23 35 16 16-0011 EA 4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	6,420.25	1,155.32
23 35 16 16-0012 EA 7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	8,137.38	1,376.50
<b>23 35 16 16-0013 Spiral Exhaust Duct Accessories</b> (23 35 16 16-0001)		
<b>23 35 16 16-0014 Flex Hose x Length</b> (23 35 16 16-0013)		
Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015 EA 3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	173.94	56.91
23 35 16 16-0016 EA 3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	146.13	56.91
23 35 16 16-0017 EA 4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	265.91	90.20
23 35 16 16-0018 EA 4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	219.44	90.20
23 35 16 16-0019 EA 5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	372.44	142.81
23 35 16 16-0020 EA 5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	355.80	142.81
23 35 16 16-0021 EA 6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	566.53	226.56
23 35 16 16-0022 EA 6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	531.55	226.56
<b>23 35 16 16-0023 Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter</b> (23 35 16 16-0013)		
23 35 16 16-0024 EA 4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	196.12	56.91
23 35 16 16-0025 EA 5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	282.11	90.20
23 35 16 16-0026 EA 4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	164.08	56.91
23 35 16 16-0027 EA 5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter .....	234.58	90.20
23 35 16 16-0028 EA 6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	1,656.61	76.66
23 35 16 16-0029 EA 8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,425.93	140.65
23 35 16 16-0030 EA 10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter.....	1,576.55	140.65
23 35 16 16-0031 LF 8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	75.04	10.95
23 35 16 16-0032 LF 10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	84.29	10.95
<b>23 35 16 16-0033 Flexible Hose</b> (23 35 16 16-0013)		
23 35 16 16-0034 LF 3" Stainless Steel Flexible Tubing.....	42.37	2.68
23 35 16 16-0035 LF 4" Stainless Steel Flexible Tubing.....	54.05	3.00
23 35 16 16-0036 LF 5" Stainless Steel Flexible Tubing.....	64.36	3.11
23 35 16 16-0037 LF 6" Stainless Steel Flexible Tubing.....	76.08	3.32
23 35 16 16-0038 LF 3" Galvanized Flexible Tubing .....	25.90	2.68
23 35 16 16-0039 LF 4" Galvanized Flexible Tubing .....	30.50	3.00
23 35 16 16-0040 LF 5" Galvanized Flexible Tubing .....	35.11	3.11
23 35 16 16-0041 LF 6" Galvanized Flexible Tubing .....	39.26	3.32
<b>23 35 16 16-0042 Accessories</b> (23 35 16 16-0001)		
23 35 16 16-0043 EA 3" Tail Pipe Adapter .....	62.08	8.05
23 35 16 16-0044 EA 4" Tail Pipe Adapter .....	63.92	8.05
23 35 16 16-0045 EA 5" Tail Pipe Adapter .....	67.91	9.13
23 35 16 16-0046 EA 3" Bullnose (Guide).....	34.24	5.37
23 35 16 16-0047 EA 4" Bullnose (Guide).....	36.33	5.90
23 35 16 16-0048 EA 5" Bullnose (Guide).....	38.74	6.44
23 35 16 16-0049 EA Flex-Hose Winch And Associated Hardware .....	245.50	60.88
23 35 16 16-0050 LF Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope .....	0.15	
<b>23 35 19 Fume Exhaust Systems</b> (23 35)		
23 35 19 00-0001 EA Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle.....	2,590.98	429.16
23 35 19 00-0002 EA Hose Extension Kit 5'.....	404.40	95.34
<b>23 36 Air Terminal Units</b> (23 30)		
<b>23 36 13 Constant-Air-Volume Units</b> (23 36)		
<b>23 36 13 00-0001 Vertical Units, With Electric Heating Coils</b> (23 36 13)		
23 36 13 00-0002 EA 60 CFM Vertical Induction Unit, With Electric Heating Coils .....	1,769.04	149.82
23 36 13 00-0003 EA 90 CFM Vertical Induction Unit, With Electric Heating Coils .....	2,131.25	161.34
23 36 13 00-0004 EA 120 CFM Vertical Induction Unit, With Electric Heating Coils .....	2,274.58	167.11
23 36 13 00-0005 EA 150 CFM Vertical Induction Unit, With Electric Heating Coils .....	2,429.46	178.63
23 36 13 00-0006 EA 175 CFM Vertical Induction Unit, With Electric Heating Coils .....	2,743.34	184.39
<b>23 36 13 00-0007 Horizontal Units, With Electric Heating Coils</b> (23 36 13)		
23 36 13 00-0008 EA 60 CFM Horizontal Induction Unit, With Electric Heating Coils .....	1,497.84	149.82
23 36 13 00-0009 EA 90 CFM Horizontal Induction Unit, With Electric Heating Coils .....	1,792.09	161.34
23 36 13 00-0010 EA 120 CFM Horizontal Induction Unit, With Electric Heating Coils .....	2,142.04	169.99





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 36 13 00-0011 Duct Boxes, Constant Volume Control</b> <small>(23 36 13)</small>		
<b>23 36 13 00-0012 Single Duct Boxes, Constant Volume Control</b> <small>(23 36 13 00-0011)</small>		
23 36 13 00-0013 EA 4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control.....	1,411.78	44.21
<i>For Boxes With Motor, Add</i>	247.45	
23 36 13 00-0014 EA 6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control.....	1,562.88	47.70
<i>For Boxes With Motor, Add</i>	274.50	
23 36 13 00-0015 EA 7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control.....	1,622.47	52.35
<i>For Boxes With Motor, Add</i>	282.61	
23 36 13 00-0016 EA 9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control.....	1,651.48	54.68
<i>For Boxes With Motor, Add</i>	286.67	
23 36 13 00-0017 EA 12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control.....	1,674.05	60.50
<i>For Boxes With Motor, Add</i>	286.67	
23 36 13 00-0018 EA 14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control.....	1,914.91	67.48
<i>For Boxes With Motor, Add</i>	328.59	
23 36 13 00-0019 EA 16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control.....	2,007.29	75.63
<i>For Boxes With Motor, Add</i>	340.76	
23 36 13 00-0020 EA 20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control.....	2,126.29	90.75
<i>For Boxes With Motor, Add</i>	353.04	
23 36 13 00-0021 EA 24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control.....	2,244.32	104.71
<i>For Boxes With Motor, Add</i>	365.10	
<b>23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control</b> <small>(23 36 13 00-0011)</small>		
23 36 13 00-0023 EA 4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control.....	1,993.83	44.21
<i>For Boxes With Motor, Add</i>	363.86	
23 36 13 00-0024 EA 6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control.....	2,132.53	47.70
<i>For Boxes With Motor, Add</i>	388.43	
23 36 13 00-0025 EA 7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control.....	2,224.49	52.35
<i>For Boxes With Motor, Add</i>	403.01	
23 36 13 00-0026 EA 9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control.....	2,317.65	54.68
<i>For Boxes With Motor, Add</i>	419.90	
23 36 13 00-0027 EA 12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control.....	2,340.22	60.50
<i>For Boxes With Motor, Add</i>	419.90	
23 36 13 00-0028 EA 14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control.....	2,690.07	68.64
<i>For Boxes With Motor, Add</i>	483.62	
23 36 13 00-0029 EA 16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control.....	2,940.20	75.63
<i>For Boxes With Motor, Add</i>	527.37	
23 36 13 00-0030 EA 20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control.....	3,162.98	90.75
<i>For Boxes With Motor, Add</i>	560.38	
23 36 13 00-0031 EA 24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control.....	3,297.51	104.71
<i>For Boxes With Motor, Add</i>	575.73	
<b>23 36 16 Variable-Air-Volume Units</b> <small>(23 36)</small>		
<b>23 36 16 00-0001 Variable Volume Terminal Unit</b> <small>(23 36 16)</small>		
<i>Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.</i>		
<b>23 36 16 00-0002 Single Duct Variable Volume Terminal Unit</b> <small>(23 36 16 00-0001)</small>		
<i>Note: Enclosure only. For mounting DDC controls.</i>		
23 36 16 00-0003 EA 6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only.....	599.34	53.52
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0004 EA 8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only.....	670.22	60.50
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0005 EA 10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only.....	745.65	67.48
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0006 EA 12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only.....	794.33	75.63
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0007 EA 14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only.....	1,097.49	162.77
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0008 EA 16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only.....	1,313.31	193.14
<i>Note: For mounting DDC controls</i>		
<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0009 Single Duct Variable Volume Terminal Unit</b> <small>(23 36 16 00-0001)</small>		
<i>Note: With pneumatic controls.</i>		
23 36 16 00-0010 EA 6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller.....	1,279.37	53.52
<i>For Fan Powered Variable Air Volume Box, Add</i>	1,372.22	
<i>For Hot Water Coils, Add</i>	433.04	
<i>For Pressure Independent Actuator, Add</i>	67.57	
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0011 EA 8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller.....	1,382.17	60.50
<i>For Fan Powered Variable Air Volume Box, Add</i>	1,469.43	
<i>For Hot Water Coils, Add</i>	462.91	
<i>For Pressure Independent Actuator, Add</i>	67.57	
<i>For Filters And Frames, Add</i>	6.30	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 36 Air Terminal Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0012	EA		10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller .....	1,445.33	67.48
			<i>For Fan Powered Variable Air Volume Box, Add</i>	1,514.84	
			<i>For Hot Water Coils, Add</i>	475.85	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0013	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller .....	1,506.28	75.63
			<i>For Fan Powered Variable Air Volume Box, Add</i>	1,557.23	
			<i>For Hot Water Coils, Add</i>	487.80	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0014	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller .....	1,743.16	162.77
			<i>For Fan Powered Variable Air Volume Box, Add</i>	1,746.62	
			<i>For Hot Water Coils, Add</i>	543.54	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0015	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller .....	2,012.98	193.14
			<i>For Fan Powered Variable Air Volume Box, Add</i>	1,891.75	
			<i>For Hot Water Coils, Add</i>	580.38	
			<i>For Pressure Independent Actuator, Add</i>	67.57	
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0016</b>			<b>Single Duct Variable Volume Terminal Unit (23 36 16 00-0001)</b>		
			Note: With analog electronic controls.		
23 36 16 00-0017	EA		6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls .....	2,126.35	53.52
			<i>For Hot Water Coils, Add</i>	776.49	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0018	EA		8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls .....	2,209.51	60.50
			<i>For Hot Water Coils, Add</i>	798.39	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0019	EA		10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls.....	2,284.94	67.48
			<i>For Hot Water Coils, Add</i>	816.31	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0020	EA		12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls.....	2,392.53	75.63
			<i>For Hot Water Coils, Add</i>	847.17	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0021	EA		14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls.....	2,631.87	162.77
			<i>For Hot Water Coils, Add</i>	903.92	
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0022	EA		16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls.....	2,680.97	162.77
			<i>For Hot Water Coils, Add</i>	923.83	
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0023</b>			<b>Dual Duct Variable Volume Terminal Unit (23 36 16 00-0001)</b>		
			Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024	EA		6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct .....	1,451.34	105.75
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0025	EA		8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct .....	1,586.12	120.42
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0026	EA		10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct .....	1,696.53	136.01
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0027	EA		12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct .....	1,859.96	151.71
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0028	EA		14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct .....	2,090.16	174.51
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0029	EA		16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct .....	2,291.86	209.42
			<i>For Filters And Frames, Add</i>	6.30	
<b>23 36 16 00-0030</b>			<b>Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-</b>		
			<b>M) (23 36 16 00-0001)</b>		
23 36 16 00-0031	EA		0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A).....	603.35	72.72
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0032	EA		0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B).....	654.31	79.99
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0033	EA		0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C).....	706.81	87.26
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0034	EA		0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D).....	760.93	94.53
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0035	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E).....	816.83	101.80
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0036	EA		0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F).....	874.57	109.08
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0037	EA		0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G).....	939.49	116.35
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0038	EA		0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H).....	1,001.77	123.62
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0039	EA		0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J).....	1,066.38	130.89
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0040	EA		0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K).....	1,133.45	138.16
			<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0041	EA		0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L).....	1,203.21	145.43
			<i>For Filters And Frames, Add</i>	6.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0042 EA 0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) .....	1,275.79	152.70
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0043 EA 0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N) .....	1,351.43	159.97
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0044 EA 0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P) .....	1,423.26	167.24
<i>For Filters And Frames, Add</i>	6.30	
23 36 16 00-0045 EA 0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R) .....	1,505.15	174.51
<i>For Filters And Frames, Add</i>	6.30	

**23 37 Air Outlets and Inlets** (23 30)**23 37 13 Diffusers, Registers, and Grilles** (23 37)**23 37 13 13 Diffusers, Registers, and Grilles** (23 37 13)**23 37 13 13-0001 Ceiling Diffusers** (23 37 13 13)**23 37 13 13-0002 Ceiling Diffusers With Perforated Face** (23 37 13 13-0001)

Note: Flush mount, aluminum construction, includes damper.

23 37 13 13-0003 EA 6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	124.31	15.13
<i>For Steel Construction, Deduct</i>	-9.67	
<i>For Surface Mount, Deduct</i>	-7.74	
<i>For Diffuser Without Damper, Deduct</i>	-12.89	
<i>For Stainless Steel, Add</i>	161.18	
23 37 13 13-0004 EA 8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	138.64	15.13
<i>For Steel Construction, Deduct</i>	-11.82	
<i>For Surface Mount, Deduct</i>	-9.46	
<i>For Diffuser Without Damper, Deduct</i>	-15.76	
<i>For Stainless Steel, Add</i>	197.00	
23 37 13 13-0005 EA 9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	138.64	15.13
<i>For Steel Construction, Deduct</i>	-11.82	
<i>For Surface Mount, Deduct</i>	-9.46	
<i>For Diffuser Without Damper, Deduct</i>	-15.76	
<i>For Stainless Steel, Add</i>	197.00	
23 37 13 13-0006 EA 10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	166.53	18.61
<i>For Steel Construction, Deduct</i>	-14.15	
<i>For Surface Mount, Deduct</i>	-11.32	
<i>For Diffuser Without Damper, Deduct</i>	-18.86	
<i>For Stainless Steel, Add</i>	235.80	
23 37 13 13-0007 EA 12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	166.53	17.45
<i>For Steel Construction, Deduct</i>	-14.15	
<i>For Surface Mount, Deduct</i>	-11.32	
<i>For Diffuser Without Damper, Deduct</i>	-18.86	
<i>For Stainless Steel, Add</i>	235.80	
23 37 13 13-0008 EA 16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	192.80	17.45
<i>For Steel Construction, Deduct</i>	-18.09	
<i>For Surface Mount, Deduct</i>	-14.47	
<i>For Diffuser Without Damper, Deduct</i>	-24.12	
<i>For Stainless Steel, Add</i>	301.48	
23 37 13 13-0009 EA 18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	220.32	23.27
<i>For Steel Construction, Deduct</i>	-19.45	
<i>For Surface Mount, Deduct</i>	-15.56	
<i>For Diffuser Without Damper, Deduct</i>	-25.93	
<i>For Stainless Steel, Add</i>	324.15	
23 37 13 13-0010 EA 20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	257.09	24.43
<i>For Steel Construction, Deduct</i>	-24.29	
<i>For Surface Mount, Deduct</i>	-19.43	
<i>For Diffuser Without Damper, Deduct</i>	-32.38	
<i>For Stainless Steel, Add</i>	404.75	
23 37 13 13-0011 EA 24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper .....	290.86	27.92
<i>For Steel Construction, Deduct</i>	-27.01	
<i>For Surface Mount, Deduct</i>	-21.61	
<i>For Lay-In Mount, Deduct</i>	-21.61	
<i>For Diffuser Without Damper, Deduct</i>	-36.01	
<i>For Stainless Steel, Add</i>	450.13	

**23 37 13 13-0012 Ceiling Diffusers With Louver Face** (23 37 13 13-0001)

Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.

23 37 13 13-0013 EA 6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	129.09	15.13
<i>For Steel Construction, Deduct</i>	-10.39	
<i>For Flush Mount, Add</i>	10.39	
<i>For Stainless Steel, Add</i>	173.13	
23 37 13 13-0014 EA 8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	147.71	15.13
<i>For Steel Construction, Deduct</i>	-13.18	
<i>For Flush Mount, Add</i>	13.18	
<i>For Stainless Steel, Add</i>	219.68	
23 37 13 13-0015 EA 9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper .....	147.71	15.13
<i>For Steel Construction, Deduct</i>	-13.18	
<i>For Flush Mount, Add</i>	13.18	
<i>For Stainless Steel, Add</i>	219.68	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 37 13 13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	177.28	17.45
		<i>For Steel Construction, Deduct</i>	-15.76	
		<i>For Flush Mount, Add</i>	15.76	
		<i>For Stainless Steel, Add</i>	262.68	
23 37 13 13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	177.28	18.61
		<i>For Steel Construction, Deduct</i>	-15.76	
		<i>For Flush Mount, Add</i>	15.76	
		<i>For Stainless Steel, Add</i>	262.68	
23 37 13 13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	228.59	23.27
		<i>For Steel Construction, Deduct</i>	-20.63	
		<i>For Flush Mount, Add</i>	20.63	
		<i>For Stainless Steel, Add</i>	343.85	
23 37 13 13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	203.28	23.27
		<i>For Steel Construction, Deduct</i>	-16.83	
		<i>For Flush Mount, Add</i>	16.83	
		<i>For Stainless Steel, Add</i>	280.58	
23 37 13 13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	254.21	27.92
		<i>For Steel Construction, Deduct</i>	-21.60	
		<i>For Flush Mount, Add</i>	21.60	
		<i>For Stainless Steel, Add</i>	359.98	
23 37 13 13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	295.31	31.41
		<i>For Steel Construction, Deduct</i>	-26.86	
		<i>For Flush Mount, Add</i>	26.86	
		<i>For Stainless Steel, Add</i>	447.73	
23 37 13 13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	323.06	61.55
		<i>For Steel Construction, Deduct</i>	-29.98	
		<i>For Flush Mount, Add</i>	29.98	
		<i>For Lay-In Mount, Add</i>	39.97	
		<i>For Stainless Steel, Add</i>	499.68	
23 37 13 13-0023	<b>Round Ceiling Diffusers With Fixed Pattern</b> (23 37 13 13-0001)			
	Note: Aluminum construction.			
23 37 13 13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	214.84	15.13
		<i>For Steel Construction, Deduct</i>	-46.50	
		<i>For Stainless Steel, Add</i>	387.50	
23 37 13 13-0025	EA	8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	222.79	15.13
		<i>For Steel Construction, Deduct</i>	-48.89	
		<i>For Stainless Steel, Add</i>	407.38	
23 37 13 13-0026	EA	10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	251.05	18.61
		<i>For Steel Construction, Deduct</i>	-53.65	
		<i>For Stainless Steel, Add</i>	447.10	
23 37 13 13-0027	EA	12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	270.93	17.45
		<i>For Steel Construction, Deduct</i>	-59.62	
		<i>For Stainless Steel, Add</i>	496.80	
23 37 13 13-0028	EA	14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	389.79	20.94
		<i>For Steel Construction, Deduct</i>	-91.81	
		<i>For Stainless Steel, Add</i>	765.05	
23 37 13 13-0029	EA	16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	411.17	22.11
		<i>For Steel Construction, Deduct</i>	-97.17	
		<i>For Stainless Steel, Add</i>	809.78	
23 37 13 13-0030	EA	18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	432.84	23.27
		<i>For Steel Construction, Deduct</i>	-102.54	
		<i>For Stainless Steel, Add</i>	854.48	
23 37 13 13-0031	EA	20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	501.45	23.27
		<i>For Steel Construction, Deduct</i>	-121.88	
		<i>For Stainless Steel, Add</i>	1,015.65	
23 37 13 13-0032	EA	24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	599.29	26.76
		<i>For Steel Construction, Deduct</i>	-148.37	
		<i>For Stainless Steel, Add</i>	1,236.45	
23 37 13 13-0033	EA	28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	675.46	27.92
		<i>For Steel Construction, Deduct</i>	-169.57	
		<i>For Stainless Steel, Add</i>	1,413.10	
23 37 13 13-0034	EA	32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	807.66	31.41
		<i>For Steel Construction, Deduct</i>	-205.34	
		<i>For Stainless Steel, Add</i>	1,711.18	
23 37 13 13-0035	<b>Round Ceiling Diffusers With Adjustable Pattern Dropped Style</b> (23 37 13 13-0001)			
	Note: Aluminum construction.			
23 37 13 13-0036	EA	6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	226.76	15.13
		<i>For Steel Construction, Deduct</i>	-16.69	
		<i>For Flush Mount, Deduct</i>	-8.35	
		<i>For Stainless Steel, Add</i>	417.30	
23 37 13 13-0037	EA	8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	247.30	15.13
		<i>For Steel Construction, Deduct</i>	-18.75	
		<i>For Flush Mount, Deduct</i>	-9.37	
		<i>For Stainless Steel, Add</i>	468.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0038 EA 10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	279.76	18.61
For Steel Construction, Deduct	-20.76	
For Flush Mount, Deduct	-10.38	
For Stainless Steel, Add	518.88	
23 37 13 13-0039 EA 12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	302.72	18.61
For Steel Construction, Deduct	-23.05	
For Flush Mount, Deduct	-11.53	
For Stainless Steel, Add	576.28	
23 37 13 13-0040 EA 14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	441.46	20.94
For Steel Construction, Deduct	-35.77	
For Flush Mount, Deduct	-17.88	
For Stainless Steel, Add	894.23	
23 37 13 13-0041 EA 16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	390.92	22.11
For Steel Construction, Deduct	-38.22	
For Flush Mount, Deduct	-19.11	
For Stainless Steel, Add	955.50	
23 37 13 13-0042 EA 18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	497.76	23.27
For Steel Construction, Deduct	-40.67	
For Flush Mount, Deduct	-20.34	
For Stainless Steel, Add	1,016.78	
23 37 13 13-0043 EA 20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	578.73	24.43
For Steel Construction, Deduct	-48.35	
For Flush Mount, Deduct	-24.18	
For Stainless Steel, Add	1,208.85	
23 37 13 13-0044 EA 24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	654.05	26.76
For Steel Construction, Deduct	-54.93	
For Flush Mount, Deduct	-27.47	
For Stainless Steel, Add	1,373.35	
23 37 13 13-0045 EA 28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	794.69	27.92
For Steel Construction, Deduct	-68.45	
For Flush Mount, Deduct	-34.22	
For Stainless Steel, Add	1,711.18	
23 37 13 13-0046 EA 32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	958.24	31.41
For Steel Construction, Deduct	-83.51	
For Flush Mount, Deduct	-41.75	
For Stainless Steel, Add	2,087.63	
23 37 13 13-0047 EA 36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction .....	1,062.22	65.51
For Stainless Steel, Add	2,328.33	
<b>23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection (23 37 13 13-0001)</b>		
23 37 13 13-0049 LF 4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection.....	170.11	17.45
For Stainless Steel, Add	250.75	
23 37 13 13-0050 LF 6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection .....	183.74	17.45
For Stainless Steel, Add	284.83	
23 37 13 13-0051 LF 9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection .....	200.52	17.45
For Stainless Steel, Add	326.78	
23 37 13 13-0052 LF 12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection .....	216.86	17.45
For Stainless Steel, Add	367.63	
<b>23 37 13 13-0053 Wall And Floor Diffusers (23 37 13 13)</b>		
<b>23 37 13 13-0054 Slot Type Linear Diffusers (23 37 13 13-0053)</b>		
Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.		
23 37 13 13-0055 LF 1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling .....	57.55	5.82
For 3/4" Border, Add	8.28	
For Floor Mounted Diffusers, Add	9.94	
For Stainless Steel, Add	43.06	
23 37 13 13-0056 LF 2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling.....	70.91	6.98
For 3/4" Border, Add	11.04	
For Floor Mounted Diffusers, Add	13.25	
For Stainless Steel, Add	57.41	
23 37 13 13-0057 LF 3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling.....	99.82	8.15
For 3/4" Border, Add	17.39	
For Floor Mounted Diffusers, Add	20.87	
For Stainless Steel, Add	90.42	
23 37 13 13-0058 LF 4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling.....	133.08	8.15
For 3/4" Border, Add	24.84	
For Floor Mounted Diffusers, Add	29.81	
For Stainless Steel, Add	129.17	
23 37 13 13-0059 LF 5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling.....	167.59	9.31
For 3/4" Border, Add	32.29	
For Floor Mounted Diffusers, Add	38.75	
For Stainless Steel, Add	167.92	
23 37 13 13-0060 LF 6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling.....	196.53	11.63
For 3/4" Border, Add	38.09	
For Floor Mounted Diffusers, Add	45.71	
For Stainless Steel, Add	198.06	
<b>23 37 13 13-0061 Linear Bar Grilles And Registers (23 37 13 13-0053)</b>		
Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 37 Air Outlets and Inlets**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 37 13 13-0062	LF 2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling.....	186.83	6.98
	<i>For Floor Mount, Add</i>	16.01	
	<i>For Opposed Blade Damper, Add</i>	32.02	
	<i>For Stainless Steel, Add</i>	208.10	
23 37 13 13-0063	LF 3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling.....	223.47	8.15
	<i>For Floor Mount, Add</i>	19.32	
	<i>For Opposed Blade Damper, Add</i>	38.64	
	<i>For Stainless Steel, Add</i>	251.16	
23 37 13 13-0064	LF 4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling.....	243.48	8.15
	<i>For Floor Mount, Add</i>	20.98	
	<i>For Opposed Blade Damper, Add</i>	41.95	
	<i>For Stainless Steel, Add</i>	272.69	
23 37 13 13-0065	LF 6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling.....	298.10	11.63
	<i>For Floor Mount, Add</i>	25.39	
	<i>For Opposed Blade Damper, Add</i>	50.78	
	<i>For Stainless Steel, Add</i>	330.10	
23 37 13 13-0066	LF 9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling.....	412.59	15.13
	<i>For Floor Mount, Add</i>	35.33	
	<i>For Opposed Blade Damper, Add</i>	70.65	
	<i>For Stainless Steel, Add</i>	459.25	
23 37 13 13-0067	LF 12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling.....	475.16	17.45
	<i>For Floor Mount, Add</i>	40.30	
	<i>For Opposed Blade Damper, Add</i>	80.59	
	<i>For Stainless Steel, Add</i>	523.84	
23 37 13 13-0068	<b>Return/Exhaust Registers And Grilles</b> <small>(23 37 13 13)</small>		
23 37 13 13-0069	<b>Return/Exhaust Registers With Frame</b> <small>(23 37 13 13-0068)</small>		
	Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13 13-0070	EA 8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	124.98	9.31
	<i>For Steel Construction, Deduct</i>	-17.77	
	<i>For Grilles (No Damper), Deduct</i>	-35.55	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	8.89	
	<i>For Cube Core Lay In, Add</i>	17.77	
	<i>For Stainless Steel, Add</i>	222.18	
23 37 13 13-0071	EA 8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	144.30	9.31
	<i>For Steel Construction, Deduct</i>	-21.64	
	<i>For Grilles (No Damper), Deduct</i>	-43.28	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	10.82	
	<i>For Cube Core Lay In, Add</i>	21.64	
	<i>For Stainless Steel, Add</i>	270.48	
23 37 13 13-0072	EA 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	161.67	10.47
	<i>For Steel Construction, Deduct</i>	-23.96	
	<i>For Grilles (No Damper), Deduct</i>	-47.91	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	11.98	
	<i>For Cube Core Lay In, Add</i>	23.96	
	<i>For Stainless Steel, Add</i>	299.45	
23 37 13 13-0073	EA 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	168.49	11.63
	<i>For Steel Construction, Deduct</i>	-23.96	
	<i>For Grilles (No Damper), Deduct</i>	-47.91	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	11.98	
	<i>For Cube Core Lay In, Add</i>	23.96	
	<i>For Stainless Steel, Add</i>	299.45	
23 37 13 13-0074	EA 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	160.76	11.63
	<i>For Steel Construction, Deduct</i>	-22.41	
	<i>For Grilles (No Damper), Deduct</i>	-44.82	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	11.21	
	<i>For Cube Core Lay In, Add</i>	22.41	
	<i>For Stainless Steel, Add</i>	280.13	
23 37 13 13-0075	EA 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	206.67	15.13
	<i>For Steel Construction, Deduct</i>	-29.37	
	<i>For Grilles (No Damper), Deduct</i>	-58.73	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	14.68	
	<i>For Cube Core Lay In, Add</i>	29.37	
	<i>For Stainless Steel, Add</i>	367.08	
23 37 13 13-0076	EA 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	247.52	17.45
	<i>For Steel Construction, Deduct</i>	-35.06	
	<i>For Grilles (No Damper), Deduct</i>	-70.12	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	17.53	
	<i>For Cube Core Lay In, Add</i>	35.06	
	<i>For Stainless Steel, Add</i>	438.28	
23 37 13 13-0077	EA 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	304.00	20.94
	<i>For Steel Construction, Deduct</i>	-44.05	
	<i>For Grilles (No Damper), Deduct</i>	-88.09	
	<i>For Removable Core, Add</i>	35.00	
	<i>For Cube Core With Frame, Add</i>	22.02	
	<i>For Cube Core Lay In, Add</i>	44.05	
	<i>For Stainless Steel, Add</i>	550.58	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0078 EA 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	357.76	23.27
For Steel Construction, Deduct	-53.34	
For Grilles (No Damper), Deduct	-106.68	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	26.67	
For Cube Core Lay In, Add	53.34	
For Stainless Steel, Add	666.78	
23 37 13 13-0079 EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	318.27	23.27
For Steel Construction, Deduct	-44.62	
For Grilles (No Damper), Deduct	-89.23	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	22.31	
For Cube Core Lay In, Add	44.62	
For Stainless Steel, Add	557.70	
23 37 13 13-0080 EA 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	365.66	23.27
For Steel Construction, Deduct	-54.09	
For Grilles (No Damper), Deduct	-108.19	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	27.05	
For Cube Core Lay In, Add	54.09	
For Stainless Steel, Add	676.18	
23 37 13 13-0081 EA 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	385.04	26.76
For Steel Construction, Deduct	-56.07	
For Grilles (No Damper), Deduct	-112.13	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	28.03	
For Cube Core Lay In, Add	56.07	
For Stainless Steel, Add	700.83	
23 37 13 13-0082 EA 30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	408.14	27.92
For Steel Construction, Deduct	-59.58	
For Grilles (No Damper), Deduct	-119.17	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	29.79	
For Cube Core Lay In, Add	59.58	
For Stainless Steel, Add	744.80	
23 37 13 13-0083 EA 30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	470.93	31.41
For Steel Construction, Deduct	-69.55	
For Grilles (No Damper), Deduct	-139.10	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	34.77	
For Cube Core Lay In, Add	69.55	
For Stainless Steel, Add	869.35	
23 37 13 13-0084 EA 30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	525.91	37.24
For Steel Construction, Deduct	-75.26	
For Grilles (No Damper), Deduct	-150.53	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	37.63	
For Cube Core Lay In, Add	75.26	
For Stainless Steel, Add	940.80	
23 37 13 13-0085 EA 30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	689.52	37.24
For Steel Construction, Deduct	-107.99	
For Grilles (No Damper), Deduct	-215.97	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	53.99	
For Cube Core Lay In, Add	107.99	
For Stainless Steel, Add	1,349.83	
23 37 13 13-0086 EA 36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	567.64	40.72
For Steel Construction, Deduct	-81.31	
For Grilles (No Damper), Deduct	-162.62	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	40.65	
For Cube Core Lay In, Add	81.31	
For Stainless Steel, Add	1,016.35	
23 37 13 13-0087 EA 36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	552.09	39.56
For Steel Construction, Deduct	-78.20	
For Grilles (No Damper), Deduct	-156.40	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	39.10	
For Cube Core Lay In, Add	78.20	
For Stainless Steel, Add	977.48	
23 37 13 13-0088 EA 36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	629.86	44.21
For Steel Construction, Deduct	-91.07	
For Grilles (No Damper), Deduct	-182.14	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	45.54	
For Cube Core Lay In, Add	91.07	
For Stainless Steel, Add	1,138.38	
23 37 13 13-0089 EA 36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	860.54	47.70
For Steel Construction, Deduct	-134.03	
For Grilles (No Damper), Deduct	-268.06	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	67.02	
For Cube Core Lay In, Add	134.03	
For Stainless Steel, Add	1,675.38	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0090 EA 24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	378.51	26.87
For Steel Construction, Deduct	-54.23	
For Grilles (No Damper), Deduct	-108.46	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	27.11	
For Cube Core Lay In, Add	54.23	
For Stainless Steel, Add	677.85	
23 37 13 13-0091 EA 32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	656.40	40.28
For Steel Construction, Deduct	-99.06	
For Grilles (No Damper), Deduct	-198.12	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	49.53	
For Cube Core Lay In, Add	99.06	
For Stainless Steel, Add	1,238.25	
23 37 13 13-0092 EA 48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	759.43	47.70
For Steel Construction, Deduct	-113.67	
For Grilles (No Damper), Deduct	-227.34	
For Removable Core, Add	35.00	
For Cube Core With Frame, Add	56.84	
For Cube Core Lay In, Add	113.67	
For Stainless Steel, Add	1,420.88	
<b>23 37 13 13-0093 Return/Exhaust Registers Removable-Reversible (23 37 13 13-0068)</b>		
Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094 EA 8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	114.93	9.31
For Steel Construction, Deduct	-7.88	
For Flat Frame, Deduct	-0.79	
For Grilles (No Damper), Deduct	-15.76	
For Stainless Steel, Add	197.05	
23 37 13 13-0095 EA 8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	114.93	9.31
For Steel Construction, Deduct	-7.88	
For Flat Frame, Deduct	-0.79	
For Grilles (No Damper), Deduct	-15.76	
For Stainless Steel, Add	197.05	
23 37 13 13-0096 EA 10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	141.58	10.47
For Steel Construction, Deduct	-9.97	
For Flat Frame, Deduct	-1.00	
For Grilles (No Damper), Deduct	-19.94	
For Stainless Steel, Add	249.23	
23 37 13 13-0097 EA 10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	162.31	12.80
For Steel Construction, Deduct	-11.36	
For Flat Frame, Deduct	-1.14	
For Grilles (No Damper), Deduct	-22.72	
For Stainless Steel, Add	284.00	
23 37 13 13-0098 EA 12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	159.99	11.63
For Steel Construction, Deduct	-11.13	
For Flat Frame, Deduct	-1.11	
For Grilles (No Damper), Deduct	-22.26	
For Stainless Steel, Add	278.20	
23 37 13 13-0099 EA 12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	208.21	15.13
For Steel Construction, Deduct	-14.84	
For Flat Frame, Deduct	-1.48	
For Grilles (No Damper), Deduct	-29.67	
For Stainless Steel, Add	370.93	
23 37 13 13-0100 EA 16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	340.37	18.61
For Steel Construction, Deduct	-26.82	
For Flat Frame, Deduct	-2.68	
For Grilles (No Damper), Deduct	-53.63	
For Stainless Steel, Add	670.40	
23 37 13 13-0101 EA 18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	410.66	20.94
For Steel Construction, Deduct	-32.69	
For Flat Frame, Deduct	-3.27	
For Grilles (No Damper), Deduct	-65.38	
For Stainless Steel, Add	817.23	
23 37 13 13-0102 EA 20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	464.31	23.27
For Steel Construction, Deduct	-37.33	
For Flat Frame, Deduct	-3.73	
For Grilles (No Damper), Deduct	-74.65	
For Stainless Steel, Add	933.15	
23 37 13 13-0103 EA 24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	382.67	23.27
For Steel Construction, Deduct	-28.75	
For Flat Frame, Deduct	-2.87	
For Grilles (No Damper), Deduct	-57.50	
For Stainless Steel, Add	718.70	
23 37 13 13-0104 EA 24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	521.77	24.43
For Steel Construction, Deduct	-42.66	
For Flat Frame, Deduct	-4.27	
For Grilles (No Damper), Deduct	-85.32	
For Stainless Steel, Add	1,066.45	
23 37 13 13-0105 EA 24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	610.11	26.76
For Steel Construction, Deduct	-50.54	
For Flat Frame, Deduct	-5.05	
For Grilles (No Damper), Deduct	-101.08	
For Stainless Steel, Add	1,263.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0106 EA 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	462.61	27.92
For Steel Construction, Deduct	-35.24	
For Flat Frame, Deduct	-3.52	
For Grilles (No Damper), Deduct	-70.48	
For Stainless Steel, Add	880.98	
23 37 13 13-0107 EA 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	642.50	31.41
For Steel Construction, Deduct	-51.93	
For Flat Frame, Deduct	-5.19	
For Grilles (No Damper), Deduct	-103.86	
For Stainless Steel, Add	1,298.28	
23 37 13 13-0108 EA 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	773.23	37.24
For Steel Construction, Deduct	-62.36	
For Flat Frame, Deduct	-6.24	
For Grilles (No Damper), Deduct	-124.73	
For Stainless Steel, Add	1,559.10	
23 37 13 13-0109 EA 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	890.30	37.24
For Steel Construction, Deduct	-74.07	
For Flat Frame, Deduct	-7.41	
For Grilles (No Damper), Deduct	-148.14	
For Stainless Steel, Add	1,851.78	
23 37 13 13-0110 EA 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	594.63	39.56
For Steel Construction, Deduct	-43.35	
For Flat Frame, Deduct	-4.34	
For Grilles (No Damper), Deduct	-86.71	
For Stainless Steel, Add	1,083.83	
23 37 13 13-0111 EA 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	817.19	39.56
For Steel Construction, Deduct	-65.61	
For Flat Frame, Deduct	-6.56	
For Grilles (No Damper), Deduct	-131.22	
For Stainless Steel, Add	1,640.23	
23 37 13 13-0112 EA 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	948.84	44.21
For Steel Construction, Deduct	-77.43	
For Flat Frame, Deduct	-7.74	
For Grilles (No Damper), Deduct	-154.87	
For Stainless Steel, Add	1,935.83	
23 37 13 13-0113 EA 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	1,111.94	47.70
For Steel Construction, Deduct	-92.16	
For Flat Frame, Deduct	-9.22	
For Grilles (No Damper), Deduct	-184.31	
For Stainless Steel, Add	2,303.88	
23 37 13 13-0114 EA 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling .....	1,176.85	47.70
For Steel Construction, Deduct	-98.65	
For Flat Frame, Deduct	-9.86	
For Grilles (No Damper), Deduct	-197.29	
For Stainless Steel, Add	2,466.15	
<b>23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles <small>(23 37 13 13-0068)</small></b>		
23 37 13 13-0116 EA 6" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	58.07	11.39
23 37 13 13-0117 EA 8" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	58.07	11.39
23 37 13 13-0118 EA 8" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	63.45	11.39
23 37 13 13-0119 EA 8" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	65.61	11.39
23 37 13 13-0120 EA 10" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	63.45	11.39
23 37 13 13-0121 EA 10" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	65.61	11.39
23 37 13 13-0122 EA 10" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	78.50	14.92
23 37 13 13-0123 EA 10" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	80.66	14.92
23 37 13 13-0124 EA 12" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	76.35	14.92
23 37 13 13-0125 EA 12" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	80.66	14.92
23 37 13 13-0126 EA 12" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	82.81	14.92
23 37 13 13-0127 EA 12" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	84.97	14.92
23 37 13 13-0128 EA 14" x 6" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	81.74	14.92
23 37 13 13-0129 EA 14" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	86.05	14.92
23 37 13 13-0130 EA 14" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	88.20	14.92
23 37 13 13-0131 EA 14" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	97.90	14.92
23 37 13 13-0132 EA 16" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	86.05	14.92
23 37 13 13-0133 EA 16" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	93.59	14.92
23 37 13 13-0134 EA 16" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	97.90	14.92
23 37 13 13-0135 EA 16" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	124.76	22.01
23 37 13 13-0136 EA 16" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	126.91	22.01
23 37 13 13-0137 EA 18" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	122.60	22.01
23 37 13 13-0138 EA 18" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	150.58	25.55
23 37 13 13-0139 EA 20" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	120.45	22.01
23 37 13 13-0140 EA 20" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	161.36	25.55
23 37 13 13-0141 EA 22" x 4" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	83.89	14.92
23 37 13 13-0142 EA 22" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	122.60	22.01
23 37 13 13-0143 EA 22" x 22" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	180.72	29.10
23 37 13 13-0144 EA 24" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	120.45	22.01
23 37 13 13-0145 EA 24" x 10" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	124.76	22.01
23 37 13 13-0146 EA 24" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	144.12	25.55
For Lay-In Installation, Deduct	-53.86	
23 37 13 13-0147 EA 24" x 14" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	150.58	25.55
23 37 13 13-0148 EA 24" x 16" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	167.79	29.10
23 37 13 13-0149 EA 24" x 18" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	174.25	29.10
23 37 13 13-0150 EA 24" x 20" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	181.80	29.10

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0151	EA		24" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	195.81	29.10
			<i>For Lay-In Installation, Deduct</i>	-61.66	
23 37 13 13-0152	EA		30" x 8" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	147.35	25.55
23 37 13 13-0153	EA		48" x 12" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	242.10	31.89
23 37 13 13-0154	EA		48" x 24" Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	419.81	38.97
			<i>For Lay-In Installation, Deduct</i>	-88.72	
<b>23 37 13 13-0155</b>			<b>Supply Registers and Grilles</b> <small>(23 37 13 13)</small>		
<b>23 37 13 13-0156</b>			<b>Adjustable Curved Blade Register</b> <small>(23 37 13 13-0155)</small>		
			Note: Ceiling mount aluminum construction four way pattern flush frame.		
23 37 13 13-0157	EA		6" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	103.61	9.31
			<i>For Steel Construction, Deduct</i>	-10.13	
			<i>For Lay In Frame, Deduct</i>	-16.89	
			<i>For Three Way Pattern, Deduct</i>	-6.76	
			<i>For Two Way Pattern, Deduct</i>	-5.40	
			<i>For One Way Pattern, Deduct</i>	-5.40	
			<i>For Grille (No Damper), Deduct</i>	-10.13	
			<i>For Stainless Steel, Add</i>	168.90	
23 37 13 13-0158	EA		8" x 8" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	107.59	9.31
			<i>For Steel Construction, Deduct</i>	-10.73	
			<i>For Lay In Frame, Deduct</i>	-17.89	
			<i>For Three Way Pattern, Deduct</i>	-7.15	
			<i>For Two Way Pattern, Deduct</i>	-5.72	
			<i>For One Way Pattern, Deduct</i>	-5.72	
			<i>For Grille (No Damper), Deduct</i>	-10.73	
			<i>For Stainless Steel, Add</i>	178.85	
23 37 13 13-0159	EA		12" x 6" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	116.38	12.80
			<i>For Steel Construction, Deduct</i>	-10.13	
			<i>For Lay In Frame, Deduct</i>	-16.89	
			<i>For Three Way Pattern, Deduct</i>	-6.76	
			<i>For Two Way Pattern, Deduct</i>	-5.40	
			<i>For One Way Pattern, Deduct</i>	-5.40	
			<i>For Grille (No Damper), Deduct</i>	-10.13	
			<i>For Stainless Steel, Add</i>	168.90	
23 37 13 13-0160	EA		10" x 10" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	130.96	11.63
			<i>For Steel Construction, Deduct</i>	-12.32	
			<i>For Lay In Frame, Deduct</i>	-20.54	
			<i>For Three Way Pattern, Deduct</i>	-8.21	
			<i>For Two Way Pattern, Deduct</i>	-6.57	
			<i>For One Way Pattern, Deduct</i>	-6.57	
			<i>For Grille (No Damper), Deduct</i>	-12.32	
			<i>For Stainless Steel, Add</i>	205.35	
23 37 13 13-0161	EA		12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	157.35	15.13
			<i>For Steel Construction, Deduct</i>	-14.70	
			<i>For Lay In Frame, Deduct</i>	-24.51	
			<i>For Three Way Pattern, Deduct</i>	-9.80	
			<i>For Two Way Pattern, Deduct</i>	-7.84	
			<i>For One Way Pattern, Deduct</i>	-7.84	
			<i>For Grille (No Damper), Deduct</i>	-14.70	
			<i>For Stainless Steel, Add</i>	245.08	
23 37 13 13-0162	EA		14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	194.09	17.45
			<i>For Steel Construction, Deduct</i>	-18.28	
			<i>For Lay In Frame, Deduct</i>	-30.47	
			<i>For Three Way Pattern, Deduct</i>	-12.19	
			<i>For Two Way Pattern, Deduct</i>	-9.75	
			<i>For One Way Pattern, Deduct</i>	-9.75	
			<i>For Grille (No Damper), Deduct</i>	-18.28	
			<i>For Stainless Steel, Add</i>	304.70	
23 37 13 13-0163	EA		16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	194.09	17.45
			<i>For Steel Construction, Deduct</i>	-18.28	
			<i>For Lay In Frame, Deduct</i>	-30.47	
			<i>For Three Way Pattern, Deduct</i>	-12.19	
			<i>For Two Way Pattern, Deduct</i>	-9.75	
			<i>For One Way Pattern, Deduct</i>	-9.75	
			<i>For Grille (No Damper), Deduct</i>	-18.28	
			<i>For Stainless Steel, Add</i>	304.70	
23 37 13 13-0164	EA		18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	239.04	23.27
			<i>For Steel Construction, Deduct</i>	-22.26	
			<i>For Lay In Frame, Deduct</i>	-37.10	
			<i>For Three Way Pattern, Deduct</i>	-14.84	
			<i>For Two Way Pattern, Deduct</i>	-11.87	
			<i>For One Way Pattern, Deduct</i>	-11.87	
			<i>For Grille (No Damper), Deduct</i>	-22.26	
			<i>For Stainless Steel, Add</i>	370.95	
23 37 13 13-0165	EA		24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	319.08	24.43
			<i>For Steel Construction, Deduct</i>	-33.58	
			<i>For Lay In Frame, Deduct</i>	-55.97	
			<i>For Three Way Pattern, Deduct</i>	-22.39	
			<i>For Two Way Pattern, Deduct</i>	-17.91	
			<i>For One Way Pattern, Deduct</i>	-17.91	
			<i>For Grille (No Damper), Deduct</i>	-33.58	
			<i>For Stainless Steel, Add</i>	559.73	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0166 EA 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern .....	528.56	49.33
<i>For Steel Construction, Deduct</i>	-64.48	
<i>For Lay In Frame, Deduct</i>	-107.47	
<i>For Three Way Pattern, Deduct</i>	-42.99	
<i>For Two Way Pattern, Deduct</i>	-34.39	
<i>For One Way Pattern, Deduct</i>	-34.39	
<i>For Grille (No Damper), Deduct</i>	-64.48	
<i>For Stainless Steel, Add</i>	1,074.73	
<b>23 37 13 13-0167 Removable-Reversible Core Registers</b> <small>(23 37 13 13-0165)</small>		
<i>Note: Double deflection radiused frame aluminum construction.</i>		
23 37 13 13-0168 EA 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	120.84	9.31
<i>For Steel Construction, Deduct</i>	-8.48	
<i>For Flat Frame, Deduct</i>	-8.48	
<i>For Grille (No Damper), Deduct</i>	-25.44	
<i>For Stainless Steel, Add</i>	211.98	
23 37 13 13-0169 EA 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	155.28	9.31
<i>For Steel Construction, Deduct</i>	-11.92	
<i>For Flat Frame, Deduct</i>	-11.92	
<i>For Grille (No Damper), Deduct</i>	-35.77	
<i>For Stainless Steel, Add</i>	298.08	
23 37 13 13-0170 EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	197.20	12.80
<i>For Steel Construction, Deduct</i>	-14.84	
<i>For Flat Frame, Deduct</i>	-14.84	
<i>For Grille (No Damper), Deduct</i>	-44.51	
<i>For Stainless Steel, Add</i>	370.95	
23 37 13 13-0171 EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	199.84	12.80
<i>For Steel Construction, Deduct</i>	-15.10	
<i>For Flat Frame, Deduct</i>	-15.10	
<i>For Grille (No Damper), Deduct</i>	-45.31	
<i>For Stainless Steel, Add</i>	377.55	
23 37 13 13-0172 EA 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	255.39	15.13
<i>For Steel Construction, Deduct</i>	-19.61	
<i>For Flat Frame, Deduct</i>	-19.61	
<i>For Grille (No Damper), Deduct</i>	-58.82	
<i>For Stainless Steel, Add</i>	490.18	
23 37 13 13-0173 EA 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	366.31	18.61
<i>For Steel Construction, Deduct</i>	-29.41	
<i>For Flat Frame, Deduct</i>	-29.41	
<i>For Grille (No Damper), Deduct</i>	-88.23	
<i>For Stainless Steel, Add</i>	735.25	
23 37 13 13-0174 EA 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	414.00	17.45
<i>For Steel Construction, Deduct</i>	-34.18	
<i>For Flat Frame, Deduct</i>	-34.18	
<i>For Grille (No Damper), Deduct</i>	-102.54	
<i>For Stainless Steel, Add</i>	854.48	
23 37 13 13-0175 EA 18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	498.69	23.27
<i>For Steel Construction, Deduct</i>	-40.80	
<i>For Flat Frame, Deduct</i>	-40.80	
<i>For Grille (No Damper), Deduct</i>	-122.41	
<i>For Stainless Steel, Add</i>	1,020.08	
23 37 13 13-0176 EA 24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame .....	633.05	23.27
<i>For Steel Construction, Deduct</i>	-53.79	
<i>For Flat Frame, Deduct</i>	-53.79	
<i>For Grille (No Damper), Deduct</i>	-161.36	
<i>For Stainless Steel, Add</i>	1,344.65	
<b>23 37 13 13-0177 Adjustable Shutter Blade Registers</b> <small>(23 37 13 13-0155)</small>		
<i>Note: Double deflection flat frame aluminum construction.</i>		
23 37 13 13-0178 EA 6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	190.61	9.31
<i>For Steel Construction, Deduct</i>	-15.46	
<i>For Single Deflection, Deduct</i>	-30.91	
<i>For Grille (No Damper), Deduct</i>	-23.18	
<i>For Stainless Steel, Add</i>	386.40	
23 37 13 13-0179 EA 8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	221.52	9.31
<i>For Steel Construction, Deduct</i>	-18.55	
<i>For Single Deflection, Deduct</i>	-37.09	
<i>For Grille (No Damper), Deduct</i>	-27.82	
<i>For Stainless Steel, Add</i>	463.68	
23 37 13 13-0180 EA 12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	234.29	12.80
<i>For Steel Construction, Deduct</i>	-18.55	
<i>For Single Deflection, Deduct</i>	-37.09	
<i>For Grille (No Damper), Deduct</i>	-27.82	
<i>For Stainless Steel, Add</i>	463.68	
23 37 13 13-0181 EA 10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	243.12	11.63
<i>For Steel Construction, Deduct</i>	-19.43	
<i>For Single Deflection, Deduct</i>	-38.86	
<i>For Grille (No Damper), Deduct</i>	-29.15	
<i>For Stainless Steel, Add</i>	485.75	
23 37 13 13-0182 EA 12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame .....	297.78	15.13
<i>For Steel Construction, Deduct</i>	-23.85	
<i>For Single Deflection, Deduct</i>	-47.69	
<i>For Grille (No Damper), Deduct</i>	-35.77	
<i>For Stainless Steel, Add</i>	596.15	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0183	EA		14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	398.99	17.45
			<i>For Steel Construction, Deduct</i>	-32.68	
			<i>For Single Deflection, Deduct</i>	-65.36	
			<i>For Grille (No Damper), Deduct</i>	-49.02	
			<i>For Stainless Steel, Add</i>	816.95	
23 37 13 13-0184	EA		16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	474.06	18.61
			<i>For Steel Construction, Deduct</i>	-40.19	
			<i>For Single Deflection, Deduct</i>	-80.37	
			<i>For Grille (No Damper), Deduct</i>	-60.28	
			<i>For Stainless Steel, Add</i>	1,004.63	
23 37 13 13-0185	EA		18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	585.24	23.27
			<i>For Steel Construction, Deduct</i>	-49.46	
			<i>For Single Deflection, Deduct</i>	-98.92	
			<i>For Grille (No Damper), Deduct</i>	-74.19	
			<i>For Stainless Steel, Add</i>	1,236.45	
23 37 13 13-0186	EA		24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame.....	814.98	24.43
			<i>For Steel Construction, Deduct</i>	-71.98	
			<i>For Single Deflection, Deduct</i>	-143.96	
			<i>For Grille (No Damper), Deduct</i>	-107.97	
			<i>For Stainless Steel, Add</i>	1,799.48	
<b>23 37 13 13-0187</b>			<b>Air Conditioning And Ventilation</b> (23 37 13 13-0155)		
23 37 13 13-0188	EA		10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	102.03	24.43
			<i>For Stainless Steel, Add</i>	133.03	
23 37 13 13-0189	EA		18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	179.14	36.36
			<i>For Stainless Steel, Add</i>	266.05	
23 37 13 13-0190	EA		30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	279.17	50.90
			<i>For Stainless Steel, Add</i>	443.43	
23 37 13 13-0191	EA		48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	724.92	69.81
			<i>For Stainless Steel, Add</i>	1,463.28	
<b>23 37 13 13-0192</b>			<b>Square Wall Return Air And Exhaust Grilles</b> (23 37 13 13-0155)		
			Note: Egg crate design aluminum construction.		
23 37 13 13-0193	EA		8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	90.27	29.15
23 37 13 13-0194	EA		12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	100.11	29.15
23 37 13 13-0195	EA		18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	148.93	43.72
23 37 13 13-0196	EA		24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	198.13	43.72
23 37 13 13-0197	EA		28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	337.96	58.29
23 37 13 13-0198	EA		36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction .....	635.15	58.17
<b>23 37 13 13-0199</b>			<b>Rectangular Four-Way Adjustable Deflection Wall Supply Grilles</b> (23 37 13 13-0155)		
			Note: Aluminum construction.		
23 37 13 13-0200	EA		12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	267.57	20.98
23 37 13 13-0201	EA		14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	307.31	20.98
23 37 13 13-0202	EA		18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	371.46	23.32
23 37 13 13-0203	EA		24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	442.09	23.32
23 37 13 13-0204	EA		36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction .....	563.62	72.86
<b>23 37 13 13-0205</b>			<b>Square Ceiling Return Air And Exhaust Grilles</b> (23 37 13 13-0155)		
			Note: Egg crate design, plastic construction.		
23 37 13 13-0206	EA		24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction.....	49.83	13.95
23 37 13 13-0207	EA		24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction.....	72.96	14.07
<b>23 37 13 13-0208</b>			<b>Door Grilles Sight Proof Inverted Vee Cross Section</b> (23 37 13 13-0155)		
			Note: Painted steel louvers and frame.		
23 37 13 13-0209	EA		12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	148.51	20.98
23 37 13 13-0210	EA		12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	183.67	20.98
23 37 13 13-0211	EA		18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	232.24	22.15
23 37 13 13-0212	EA		24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	324.98	26.46
23 37 13 13-0213	EA		24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel .....	359.83	48.61
<b>23 37 13 13-0214</b>			<b>Stainless Steel Devices</b> (23 37 13 13-0155)		
<b>23 37 13 13-0215</b>			<b>304 Stainless Steel, Louvered Partition/Door Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0216	SF		Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille.....	238.99	18.18
			<i>For 316 Stainless Steel, Add</i>	41.74	
23 37 13 13-0217	SF		>4 SF, 304 Stainless Steel, Louvered Partition/Door Grille .....	200.91	18.18
			<i>For 316 Stainless Steel, Add</i>	34.12	
<b>23 37 13 13-0218</b>			<b>304 Stainless Steel, Single Deflection Supply Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0219	SF		Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille.....	179.81	18.18
			<i>For 316 Stainless Steel, Add</i>	29.90	
23 37 13 13-0220	SF		>4 SF, 304 Stainless Steel, Single Deflection Supply Grille .....	152.12	18.18
			<i>For 316 Stainless Steel, Add</i>	24.36	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 37 13 13-0221 304 Stainless Steel, Double Deflection Supply Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0222 SF Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	265.46 47.03	18.18
23 37 13 13-0223 SF >4 SF, 304 Stainless Steel, Double Deflection Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	225.49 39.04	18.18
<b>23 37 13 13-0224 304 Stainless Steel Return Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0225 SF Up To 4 SF, 304 Stainless Steel Return Grille..... <i>For 316 Stainless Steel, Add</i>	179.81 29.90	18.18
23 37 13 13-0226 SF >4 SF, 304 Stainless Steel Return Grille ..... <i>For 316 Stainless Steel, Add</i>	152.12 24.36	18.18
<b>23 37 13 13-0227 304 Stainless Steel, Louvered Supply/Return Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0228 SF Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	179.81 29.90	18.18
23 37 13 13-0229 SF >4 SF, 304 Stainless Steel, Louvered Supply/Return Grille..... <i>For 316 Stainless Steel, Add</i>	152.12 24.36	18.18
<b>23 37 13 13-0230 304 Stainless Steel, Perforated Return Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0231 SF Up To 4 SF, 304 Stainless Steel, Perforated Return Grille ..... <i>For 316 Stainless Steel, Add</i>	179.81 29.90	18.18
23 37 13 13-0232 SF >4 SF, 304 Stainless Steel, Perforated Return Grille..... <i>For 316 Stainless Steel, Add</i>	144.51 22.84	18.18
<b>23 37 13 13-0233 304 Stainless Steel, Perforated Supply Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0234 SF Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille..... <i>For 316 Stainless Steel, Add</i>	218.74 37.69	18.18
23 37 13 13-0235 SF >4 SF, 304 Stainless Steel, Perforated Supply Grille ..... <i>For 316 Stainless Steel, Add</i>	148.56 23.65	18.18
<b>23 37 13 13-0236 304 Stainless Steel, Door Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0237 SF Up To 4 SF, 304 Stainless Steel, Door Grille..... <i>For 316 Stainless Steel, Add</i>	329.31 59.80	18.18
23 37 13 13-0238 SF >4 SF, 304 Stainless Steel, Door Grille ..... <i>For 316 Stainless Steel, Add</i>	273.95 48.73	18.18
<b>23 37 13 13-0239 304 Stainless Steel, Linear Bar Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0240 SF Up To 4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	422.23 78.38	18.18
23 37 13 13-0241 SF >4 SF, 304 Stainless Steel, Linear Bar Grille..... <i>For 316 Stainless Steel, Add</i>	360.80 66.10	18.18
<b>23 37 13 13-0242 304 Stainless Steel, Hinged Filter Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0243 SF Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille ..... <i>For 316 Stainless Steel, Add</i>	309.07 55.75	18.18
23 37 13 13-0244 SF >4 SF, 304 Stainless Steel, Hinged Filter Grille..... <i>For 316 Stainless Steel, Add</i>	212.18 36.37	18.18
<b>23 37 13 13-0245 304 Stainless Steel, Opposed Blade Dampers Grilles</b> (23 37 13 13-0214)		
23 37 13 13-0246 SF Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille ..... <i>For 316 Stainless Steel, Add</i>	164.24 26.79	18.18
23 37 13 13-0247 SF Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF..... <i>For 316 Stainless Steel, Add</i>	123.93 18.72	18.18
<b>23 37 13 13-0248 304 Stainless Steel, Plaster Frames Replacement</b> (23 37 13 13-0214)		
Note: For frequent replacement.		
23 37 13 13-0249 SF To 4 SF, 304 Stainless Steel, Plaster Frames Replacement..... <i>For 316 Stainless Steel, Add</i>	126.86 19.31	18.18
23 37 13 13-0250 SF >4 SF, 304 Stainless Steel, Plaster Frames Replacement..... <i>For 316 Stainless Steel, Add</i>	65.09 6.96	18.18
<b>23 37 13 13-0251 304 Stainless Steel, Modular Louvered Ceiling Diffusers</b> (23 37 13 13-0214)		
23 37 13 13-0252 SF Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser..... <i>For 316 Stainless Steel, Add</i>	304.40 54.82	18.18
23 37 13 13-0253 SF >4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser ..... <i>For 316 Stainless Steel, Add</i>	237.09 41.36	18.18
<b>23 37 13 13-0254 304 Stainless Steel, Latticed Supply/Return Grilles</b> (23 37 13 13-0214)		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0255 SF Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille .....	103.50	18.18
<i>For 316 Stainless Steel, Add</i>	14.64	
23 37 13 13-0256 SF >4 SF, 304 Stainless Steel, Latticed Supply/Return Grille .....	103.50	18.18
<i>For 316 Stainless Steel, Add</i>	14.64	
<b>23 37 13 13-0257 Removal And Reinstallation Of Distribution Devices</b> (23 37 13 13)		
Note: Includes storage and cleaning. Excludes ductwork.		
23 37 13 13-0258 EA Removal And Reinstallation Of Variable Air Volume Terminal Unit .....	218.14	
23 37 13 13-0259 EA Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit .....	240.60	
23 37 13 13-0260 EA Removal And Reinstallation Of Lay-in Diffuser/Register/Grille .....	36.06	
23 37 13 13-0261 EA Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille .....	48.84	
<b>23 37 13 43 Security Registers and Grilles</b> (23 37 13)		
<b>23 37 13 43-0001 Security Supply Or Return Grille</b> (23 37 13 43)		
Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
23 37 13 43-0002 EA 8" x 4" Steel Security Grille .....	312.24	17.49
<i>For Anchoring Tabs, Add</i>	27.73	
<i>For Rear Operated Opposed Blade Damper, Add</i>	100.54	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	69.32	
<i>For Stainless Steel, Add</i>	360.45	
23 37 13 43-0003 EA 8" x 6" Steel Security Grille .....	347.02	18.07
<i>For Anchoring Tabs, Add</i>	31.09	
<i>For Rear Operated Opposed Blade Damper, Add</i>	112.42	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	77.72	
<i>For Stainless Steel, Add</i>	404.14	
23 37 13 43-0004 EA 8" x 8" Steel Security Grille .....	397.89	20.40
<i>For Anchoring Tabs, Add</i>	35.71	
<i>For Rear Operated Opposed Blade Damper, Add</i>	129.06	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	89.27	
<i>For Stainless Steel, Add</i>	464.22	
23 37 13 43-0005 EA 10" x 4" Steel Security Grille .....	346.32	19.81
<i>For Anchoring Tabs, Add</i>	30.67	
<i>For Rear Operated Opposed Blade Damper, Add</i>	111.30	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	76.67	
<i>For Stainless Steel, Add</i>	398.68	
23 37 13 43-0006 EA 10" x 6" Steel Security Grille .....	369.65	20.98
<i>For Anchoring Tabs, Add</i>	32.77	
<i>For Rear Operated Opposed Blade Damper, Add</i>	118.89	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	81.92	
<i>For Stainless Steel, Add</i>	425.98	
23 37 13 43-0007 EA 10" x 8" Steel Security Grille .....	423.56	22.73
<i>For Anchoring Tabs, Add</i>	37.81	
<i>For Rear Operated Opposed Blade Damper, Add</i>	136.88	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	94.53	
<i>For Stainless Steel, Add</i>	491.53	
23 37 13 43-0008 EA 10" x 10" Steel Security Grille .....	473.27	24.48
<i>For Anchoring Tabs, Add</i>	42.43	
<i>For Rear Operated Opposed Blade Damper, Add</i>	153.40	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	106.08	
<i>For Stainless Steel, Add</i>	551.60	
23 37 13 43-0009 EA 12" x 4" Steel Security Grille .....	363.58	22.15
<i>For Anchoring Tabs, Add</i>	31.93	
<i>For Rear Operated Opposed Blade Damper, Add</i>	116.18	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	79.82	
<i>For Stainless Steel, Add</i>	415.06	
23 37 13 43-0010 EA 12" x 6" Steel Security Grille .....	406.05	24.48
<i>For Anchoring Tabs, Add</i>	35.71	
<i>For Rear Operated Opposed Blade Damper, Add</i>	129.88	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	89.27	
<i>For Stainless Steel, Add</i>	464.22	
23 37 13 43-0011 EA 12" x 8" Steel Security Grille .....	464.17	26.23
<i>For Anchoring Tabs, Add</i>	41.17	
<i>For Rear Operated Opposed Blade Damper, Add</i>	149.34	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	102.93	
<i>For Stainless Steel, Add</i>	535.22	
23 37 13 43-0012 EA 12" x 10" Steel Security Grille .....	505.47	27.98
<i>For Anchoring Tabs, Add</i>	44.95	
<i>For Rear Operated Opposed Blade Damper, Add</i>	162.93	
<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
<i>For 1" x 1" Square Holes On Face, Add</i>	112.38	
<i>For Stainless Steel, Add</i>	584.38	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0013 EA 12" x 12" Steel Security Grille .....	559.38	29.72
For Anchoring Tabs, Add	49.99	
For Rear Operated Opposed Blade Damper, Add	180.92	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	124.98	
For Stainless Steel, Add	649.91	
23 37 13 43-0014 EA 14" x 4" Steel Security Grille .....	388.08	23.90
For Anchoring Tabs, Add	34.03	
For Rear Operated Opposed Blade Damper, Add	123.88	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	85.07	
For Stainless Steel, Add	442.38	
23 37 13 43-0015 EA 14" x 6" Steel Security Grille .....	437.79	25.64
For Anchoring Tabs, Add	38.65	
For Rear Operated Opposed Blade Damper, Add	140.40	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	96.63	
For Stainless Steel, Add	502.45	
23 37 13 43-0016 EA 14" x 8" Steel Security Grille .....	488.66	27.98
For Anchoring Tabs, Add	43.27	
For Rear Operated Opposed Blade Damper, Add	157.04	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	108.18	
For Stainless Steel, Add	562.52	
23 37 13 43-0017 EA 14" x 10" Steel Security Grille .....	552.14	30.31
For Anchoring Tabs, Add	49.15	
For Rear Operated Opposed Blade Damper, Add	178.10	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	122.88	
For Stainless Steel, Add	638.99	
23 37 13 43-0018 EA 14" x 12" Steel Security Grille .....	608.38	33.23
For Anchoring Tabs, Add	54.19	
For Rear Operated Opposed Blade Damper, Add	196.32	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	135.49	
For Stainless Steel, Add	704.52	
23 37 13 43-0019 EA 14" x 14" Steel Security Grille .....	655.05	35.55
For Anchoring Tabs, Add	58.40	
For Rear Operated Opposed Blade Damper, Add	211.49	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	145.99	
For Stainless Steel, Add	759.14	
23 37 13 43-0020 EA 16" x 6" Steel Security Grille .....	467.66	27.98
For Anchoring Tabs, Add	41.17	
For Rear Operated Opposed Blade Damper, Add	149.69	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	102.93	
For Stainless Steel, Add	535.22	
23 37 13 43-0021 EA 16" x 8" Steel Security Grille .....	535.33	30.31
For Anchoring Tabs, Add	47.47	
For Rear Operated Opposed Blade Damper, Add	172.21	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	118.68	
For Stainless Steel, Add	617.14	
23 37 13 43-0022 EA 16" x 10" Steel Security Grille .....	577.80	32.64
For Anchoring Tabs, Add	51.25	
For Rear Operated Opposed Blade Damper, Add	185.91	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	128.13	
For Stainless Steel, Add	666.29	
23 37 13 43-0023 EA 16" x 12" Steel Security Grille .....	652.73	34.39
For Anchoring Tabs, Add	58.40	
For Rear Operated Opposed Blade Damper, Add	211.26	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	145.99	
For Stainless Steel, Add	759.14	
23 37 13 43-0024 EA 16" x 14" Steel Security Grille .....	691.00	36.72
For Anchoring Tabs, Add	61.76	
For Rear Operated Opposed Blade Damper, Add	223.49	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	154.39	
For Stainless Steel, Add	802.83	
23 37 13 43-0025 EA 16" x 16" Steel Security Grille .....	750.27	39.06
For Anchoring Tabs, Add	67.22	
For Rear Operated Opposed Blade Damper, Add	243.07	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	168.04	
For Stainless Steel, Add	873.82	
23 37 13 43-0026 EA 18" x 6" Steel Security Grille .....	495.66	31.47
For Anchoring Tabs, Add	43.27	
For Rear Operated Opposed Blade Damper, Add	157.74	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	108.18	
For Stainless Steel, Add	562.52	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 37 13 43-0027	EA	18" x 8" Steel Security Grille .....	567.54		33.81
		<i>For Anchoring Tabs, Add</i>	49.99		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	181.74		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	124.98		
		<i>For Stainless Steel, Add</i>	649.91		
23 37 13 43-0028	EA	18" x 10" Steel Security Grille .....	622.61		36.14
		<i>For Anchoring Tabs, Add</i>	55.03		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	199.85		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	137.59		
		<i>For Stainless Steel, Add</i>	715.44		
23 37 13 43-0029	EA	18" x 12" Steel Security Grille .....	686.09		38.47
		<i>For Anchoring Tabs, Add</i>	60.92		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	220.90		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	152.29		
		<i>For Stainless Steel, Add</i>	791.91		
23 37 13 43-0030	EA	18" x 14" Steel Security Grille .....	735.34		37.89
		<i>For Anchoring Tabs, Add</i>	65.96		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	238.43		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	164.89		
		<i>For Stainless Steel, Add</i>	857.44		
23 37 13 43-0031	EA	18" x 16" Steel Security Grille .....	806.06		39.64
		<i>For Anchoring Tabs, Add</i>	72.68		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	262.30		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	181.70		
		<i>For Stainless Steel, Add</i>	944.83		
23 37 13 43-0032	EA	18" x 18" Steel Security Grille .....	864.16		41.38
		<i>For Anchoring Tabs, Add</i>	78.14		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	281.77		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	195.35		
		<i>For Stainless Steel, Add</i>	1,015.82		
23 37 13 43-0033	EA	20" x 6" Steel Security Grille .....	530.90		34.39
		<i>For Anchoring Tabs, Add</i>	46.21		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	168.62		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	115.53		
		<i>For Stainless Steel, Add</i>	600.76		
23 37 13 43-0034	EA	20" x 8" Steel Security Grille .....	600.90		37.89
		<i>For Anchoring Tabs, Add</i>	52.51		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	191.37		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	131.28		
		<i>For Stainless Steel, Add</i>	682.67		
23 37 13 43-0035	EA	20" x 10" Steel Security Grille .....	663.22		39.64
		<i>For Anchoring Tabs, Add</i>	58.40		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	212.31		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	145.99		
		<i>For Stainless Steel, Add</i>	759.14		
23 37 13 43-0036	EA	20" x 12" Steel Security Grille .....	730.90		41.97
		<i>For Anchoring Tabs, Add</i>	64.70		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	234.83		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	161.74		
		<i>For Stainless Steel, Add</i>	841.06		
23 37 13 43-0037	EA	20" x 14" Steel Security Grille .....	805.80		43.72
		<i>For Anchoring Tabs, Add</i>	71.84		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	260.18		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	179.60		
		<i>For Stainless Steel, Add</i>	933.89		
23 37 13 43-0038	EA	20" x 16" Steel Security Grille .....	872.32		45.47
		<i>For Anchoring Tabs, Add</i>	78.14		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	282.58		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	195.35		
		<i>For Stainless Steel, Add</i>	1,015.82		
23 37 13 43-0039	EA	20" x 18" Steel Security Grille .....	934.63		47.21
		<i>For Anchoring Tabs, Add</i>	84.02		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	303.52		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	210.05		
		<i>For Stainless Steel, Add</i>	1,092.27		
23 37 13 43-0040	EA	20" x 20" Steel Security Grille .....	1,009.55		48.96
		<i>For Anchoring Tabs, Add</i>	91.16		
		<i>For Rear Operated Opposed Blade Damper, Add</i>	328.86		
		<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35		
		<i>For 1" x 1" Square Holes On Face, Add</i>	227.91		
		<i>For Stainless Steel, Add</i>	1,185.12		



Table with columns: MINOR, CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include items like '23 37 13 43-0041 EA 24" x 6" Steel Security Grille' with associated costs.

23 37 23 HVAC Gravity Ventilators (23 37)

23 37 23 13 HVAC Gravity Dome Ventilators (23 37 23)

23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood (23 37 23 13)

Table with columns: CSI, UOM, DESCRIPTION, TOTAL DIRECT UNIT COST, DEMOLITION UNIT COST. Rows include items like '23 37 23 13-0002 EA 8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood'.

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 30 HVAC Air Distribution**

**23 37 Air Outlets and Inlets**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 37 23 13-0025	EA	18" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,332.33	121.58
23 37 23 13-0026	EA	18" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,660.40	138.69
23 37 23 13-0027	EA	18" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,024.80	157.64
23 37 23 13-0028	EA	18" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,352.76	174.74
23 37 23 13-0029	EA	20" x 20"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,102.24	115.88
23 37 23 13-0030	EA	20" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,377.88	131.12
23 37 23 13-0031	EA	20" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,653.64	146.24
23 37 23 13-0032	EA	20" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,067.21	169.04
23 37 23 13-0033	EA	20" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,377.33	186.16
23 37 23 13-0034	EA	24" x 24"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,646.96	155.79
23 37 23 13-0035	EA	24" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,937.46	172.89
23 37 23 13-0036	EA	24" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,357.14	197.56
23 37 23 13-0037	EA	24" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,679.91	216.52
23 37 23 13-0038	EA	24" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	4,035.00	237.46
23 37 23 13-0039	EA	30" x 30"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,187.82	177.31
23 37 23 13-0040	EA	30" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,512.50	195.34
23 37 23 13-0041	EA	30" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,866.80	215.00
23 37 23 13-0042	EA	30" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	4,220.97	234.78
23 37 23 13-0043	EA	30" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,135.95	285.62
23 37 23 13-0044	EA	30" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,490.25	305.28
23 37 23 13-0045	EA	36" x 36"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,671.58	220.01
23 37 23 13-0046	EA	36" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	4,027.72	241.30
23 37 23 13-0047	EA	36" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	4,822.30	288.89
23 37 23 13-0048	EA	36" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,370.25	321.69
23 37 23 13-0049	EA	36" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,699.12	341.47
23 37 23 13-0050	EA	36" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,137.47	367.65
23 37 23 13-0051	EA	36" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,904.69	413.60
23 37 23 13-0052	EA	42" x 42"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	4,385.36	246.30
23 37 23 13-0053	EA	42" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,444.70	305.76
23 37 23 13-0054	EA	42" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,208.49	348.68
23 37 23 13-0055	EA	42" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,430.15	361.13
23 37 23 13-0056	EA	42" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	7,169.27	402.56
23 37 23 13-0057	EA	42" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	7,883.71	442.69
23 37 23 13-0058	EA	48" x 48"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	5,780.94	355.55
23 37 23 13-0059	EA	48" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,253.41	384.64
23 37 23 13-0060	EA	48" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,725.74	413.72
23 37 23 13-0061	EA	48" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	7,468.04	459.33
23 37 23 13-0062	EA	48" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	7,913.90	465.37
23 37 23 13-0063	EA	54" x 54"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	6,714.03	400.80
23 37 23 13-0064	EA	54" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	7,531.18	449.55
23 37 23 13-0065	EA	54" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	8,171.73	487.83
23 37 23 13-0066	EA	54" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	8,701.68	519.48
23 37 23 13-0067	EA	60" x 60"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	8,368.77	499.00
23 37 23 13-0068	EA	60" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	8,786.09	531.93
23 37 23 13-0069	EA	60" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	9,417.80	572.76
23 37 23 13-0070	EA	66" x 66"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	8,770.64	575.44
23 37 23 13-0071	EA	66" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	10,256.24	672.93
23 37 23 13-0072	EA	72" x 72"	Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	10,595.95	620.47

**23 38 Ventilation Hoods (23 30)**

**23 38 13 Commercial-Kitchen Hoods (23 38)**

**23 38 13 16 Standard Commercial-Kitchen Hoods (23 38 13)**

**23 38 13 16-0001 Stainless Steel Exhaust Hood Material (23 38 13 16)**

Note: Welded seams.

23 38 13 16-0002	SF	16 Gauge, Type 304, Stainless Steel Exhaust Hood Material .....	48.77	16.05
		<i>For Type 316 Stainless Steel, Add</i>	1.55	
23 38 13 16-0003	SF	14 Gauge, Type 304, Stainless Steel Exhaust Hood Material .....	60.96	21.40
		<i>For Type 316 Stainless Steel, Add</i>	1.93	
23 38 13 16-0004	SF	12 Gauge, Type 304, Stainless Steel Exhaust Hood Material .....	84.67	28.89
		<i>For Type 316 Stainless Steel, Add</i>	2.70	
23 38 13 16-0005	SF	10 Gauge, Type 304, Stainless Steel Exhaust Hood Material .....	106.11	35.31
		<i>For Type 316 Stainless Steel, Add</i>	3.48	

**23 40 HVAC Air Cleaning Devices (23)**

**23 41 Particulate Air Filtration (23 40)**

**23 41 13 Panel Air Filters (23 41)**

**23 41 13 00-0001 Disposable Air Filters (23 41 13)**

23 41 13 00-0002	EA	Throwaway Glass Or Paper Media Filter, Residential.....	12.91	
------------------	----	---	-------	--

**23 41 13 00-0003 Electrostatic Air Filters With Frame, Element And Busbar (23 41 13)**

23 41 13 00-0004	MF3	Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar .....	70.60	
23 41 13 00-0005	MF3	Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar .....	68.19	
23 41 13 00-0006	MF3	Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar .....	2.94	





MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

**23 41 16 Renewable-Media Air Filters** (23 41)

**23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar** (23 41 16)

23 41 16 00-0002	MF3 Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar .....	121.49	
------------------	---	--------	--

**23 41 19 Washable Air Filters** (23 41)

**23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar** (23 41 19)

23 41 19 00-0002	MF3 Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar .....	46.39	
------------------	--	-------	--

**23 41 33 High-Efficiency Particulate Filtration** (23 41)

**23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters** (23 41 33)

Note: Includes particleboard and kraft paper frame and separator material. See CSI section 23 41 13 00-0000 for prefilters.

**23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95%** (23 41 33 00-0001)

23 41 33 00-0003	EA 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete .....	124.65	16.32
	For Removal And Replacement In Existing Equipment, Add	3.26	
	For >10 To 25, Deduct	-3.12	
	For >25 To 50, Deduct	-6.23	
	For >50 To 100, Deduct	-9.35	
	For >100, Deduct	-12.47	
23 41 33 00-0004	EA 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete .....	165.73	18.66
	For Removal And Replacement In Existing Equipment, Add	3.73	
	For >10 To 25, Deduct	-4.14	
	For >25 To 50, Deduct	-8.29	
	For >50 To 100, Deduct	-12.43	
	For >100, Deduct	-16.57	
23 41 33 00-0005	EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete .....	193.97	21.57
	For Removal And Replacement In Existing Equipment, Add	4.31	
	For >10 To 25, Deduct	-4.85	
	For >25 To 50, Deduct	-9.70	
	For >50 To 100, Deduct	-14.55	
	For >100, Deduct	-19.40	
23 41 33 00-0006	EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete .....	222.24	24.48
	For Removal And Replacement In Existing Equipment, Add	4.90	
	For >10 To 25, Deduct	-5.56	
	For >25 To 50, Deduct	-11.11	
	For >50 To 100, Deduct	-16.67	
	For >100, Deduct	-22.22	
23 41 33 00-0007	EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete .....	151.87	17.49
	For Removal And Replacement In Existing Equipment, Add	3.50	
	For >10 To 25, Deduct	-3.80	
	For >25 To 50, Deduct	-7.59	
	For >50 To 100, Deduct	-11.39	
	For >100, Deduct	-15.19	
23 41 33 00-0008	EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete .....	203.96	20.40
	For Removal And Replacement In Existing Equipment, Add	4.08	
	For >10 To 25, Deduct	-5.10	
	For >25 To 50, Deduct	-10.20	
	For >50 To 100, Deduct	-15.30	
	For >100, Deduct	-20.40	
23 41 33 00-0009	EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete .....	243.80	23.32
	For Removal And Replacement In Existing Equipment, Add	4.66	
	For >10 To 25, Deduct	-6.10	
	For >25 To 50, Deduct	-12.19	
	For >50 To 100, Deduct	-18.29	
	For >100, Deduct	-24.38	
23 41 33 00-0010	EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete .....	289.46	29.15
	For Removal And Replacement In Existing Equipment, Add	5.83	
	For >10 To 25, Deduct	-7.24	
	For >25 To 50, Deduct	-14.47	
	For >50 To 100, Deduct	-21.71	
	For >100, Deduct	-28.95	
23 41 33 00-0011	<b>High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99%</b> <small>(23 41 33 00-0001)</small>		
23 41 33 00-0012	EA 12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete .....	106.80	14.57
	For Removal And Replacement In Existing Equipment, Add	2.92	
	For >10 To 25, Deduct	-2.67	
	For >25 To 50, Deduct	-5.34	
	For >50 To 100, Deduct	-8.01	
	For >100, Deduct	-10.68	
23 41 33 00-0013	EA 24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete .....	147.80	17.49
	For Removal And Replacement In Existing Equipment, Add	3.50	
	For >10 To 25, Deduct	-3.70	
	For >25 To 50, Deduct	-7.39	
	For >50 To 100, Deduct	-11.09	
	For >100, Deduct	-14.78	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0014	EA		24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete .....	226.19	20.40
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.08	
			<i>For &gt;10 To 25, Deduct</i>	-5.65	
			<i>For &gt;25 To 50, Deduct</i>	-11.31	
			<i>For &gt;50 To 100, Deduct</i>	-16.96	
			<i>For &gt;100, Deduct</i>	-22.62	
23 41 33 00-0015	EA		36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete .....	290.83	23.32
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.66	
			<i>For &gt;10 To 25, Deduct</i>	-7.27	
			<i>For &gt;25 To 50, Deduct</i>	-14.54	
			<i>For &gt;50 To 100, Deduct</i>	-21.81	
			<i>For &gt;100, Deduct</i>	-29.08	
23 41 33 00-0016	EA		8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete .....	100.90	11.66
			<i>For Removal And Replacement In Existing Equipment, Add</i>	2.33	
			<i>For &gt;10 To 25, Deduct</i>	-2.52	
			<i>For &gt;25 To 50, Deduct</i>	-5.05	
			<i>For &gt;50 To 100, Deduct</i>	-7.57	
			<i>For &gt;100, Deduct</i>	-10.09	
23 41 33 00-0017	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete .....	133.71	15.74
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.15	
			<i>For &gt;10 To 25, Deduct</i>	-3.34	
			<i>For &gt;25 To 50, Deduct</i>	-6.69	
			<i>For &gt;50 To 100, Deduct</i>	-10.03	
			<i>For &gt;100, Deduct</i>	-13.37	
23 41 33 00-0018	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete .....	180.00	18.66
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.73	
			<i>For &gt;10 To 25, Deduct</i>	-4.50	
			<i>For &gt;25 To 50, Deduct</i>	-9.00	
			<i>For &gt;50 To 100, Deduct</i>	-13.50	
			<i>For &gt;100, Deduct</i>	-18.00	
23 41 33 00-0019	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete .....	211.33	21.86
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.37	
			<i>For &gt;10 To 25, Deduct</i>	-5.28	
			<i>For &gt;25 To 50, Deduct</i>	-10.57	
			<i>For &gt;50 To 100, Deduct</i>	-15.85	
			<i>For &gt;100, Deduct</i>	-21.13	
23 41 33 00-0020	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete .....	241.49	24.48
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.90	
			<i>For &gt;10 To 25, Deduct</i>	-6.04	
			<i>For &gt;25 To 50, Deduct</i>	-12.07	
			<i>For &gt;50 To 100, Deduct</i>	-18.11	
			<i>For &gt;100, Deduct</i>	-24.15	
23 41 33 00-0021	EA		12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete.....	164.85	17.49
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.50	
			<i>For &gt;10 To 25, Deduct</i>	-4.12	
			<i>For &gt;25 To 50, Deduct</i>	-8.24	
			<i>For &gt;50 To 100, Deduct</i>	-12.36	
			<i>For &gt;100, Deduct</i>	-16.49	
23 41 33 00-0022	EA		24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete.....	222.10	20.40
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.08	
			<i>For &gt;10 To 25, Deduct</i>	-5.55	
			<i>For &gt;25 To 50, Deduct</i>	-11.11	
			<i>For &gt;50 To 100, Deduct</i>	-16.66	
			<i>For &gt;100, Deduct</i>	-22.21	
23 41 33 00-0023	EA		24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete.....	265.70	23.32
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.66	
			<i>For &gt;10 To 25, Deduct</i>	-6.64	
			<i>For &gt;25 To 50, Deduct</i>	-13.29	
			<i>For &gt;50 To 100, Deduct</i>	-19.93	
			<i>For &gt;100, Deduct</i>	-26.57	
23 41 33 00-0024	EA		24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete.....	327.37	29.15
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.83	
			<i>For &gt;10 To 25, Deduct</i>	-8.18	
			<i>For &gt;25 To 50, Deduct</i>	-16.37	
			<i>For &gt;50 To 100, Deduct</i>	-24.55	
			<i>For &gt;100, Deduct</i>	-32.74	

**23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal** (23 41 33)

Note: Nominal sizes.

23 41 33 00-0026	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	304.87	86.97
23 41 33 00-0027	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	568.33	172.86
23 41 33 00-0028	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	577.20	172.86
23 41 33 00-0029	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	583.11	172.86
23 41 33 00-0030	EA		24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	624.51	172.86
23 41 33 00-0031	EA		24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	676.26	172.86
23 41 33 00-0032	EA		48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,101.17	346.81
23 41 33 00-0033	EA		48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,226.84	346.81
23 41 33 00-0034	EA		48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,386.52	346.81
23 41 33 00-0035	EA		12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	330.00	86.97
23 41 33 00-0036	EA		24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	611.20	172.86
23 41 33 00-0037	EA		24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	621.55	172.86
23 41 33 00-0038	EA		24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	628.95	172.86
23 41 33 00-0039	EA		24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	677.74	172.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0040 EA 24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	742.79	172.86
23 41 33 00-0041 EA 48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,204.66	346.81
23 41 33 00-0042 EA 48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,361.39	346.81
23 41 33 00-0043 EA 48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,559.51	346.81
<b>23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency</b> (23 41 33)		
23 41 33 00-0045 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	269.57	112.74
23 41 33 00-0046 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	310.94	112.74
<b>23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency</b> (23 41 33)		
23 41 33 00-0048 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	264.82	112.74
23 41 33 00-0049 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	295.34	112.74
<b>23 42 Gas-Phase Air Filtration</b> (23 40)		
<b>23 42 13 Activated-Carbon Air Filtration</b> (23 42)		
23 42 13 00-0001 EA 12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	44.95	8.74
23 42 13 00-0002 EA 16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	45.46	8.74
23 42 13 00-0003 EA 16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	45.78	8.74
23 42 13 00-0004 EA 20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	45.78	8.74
23 42 13 00-0005 EA 20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	49.66	8.74
23 42 13 00-0006 EA 24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	56.03	8.74
23 42 13 00-0007 EA 12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	56.82	9.91
23 42 13 00-0008 EA 16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	57.25	9.91
23 42 13 00-0009 EA 16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	57.62	9.91
23 42 13 00-0010 EA 20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	57.62	9.91
23 42 13 00-0011 EA 20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	61.91	9.91
23 42 13 00-0012 EA 24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	73.86	9.91
23 42 13 00-0013 EA 16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	27.21	8.74
23 42 13 00-0014 EA 16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	29.05	8.74
23 42 13 00-0015 EA 20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	29.12	8.74
23 42 13 00-0016 EA 20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	31.53	8.74
23 42 13 00-0017 EA 24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter.....	33.68	8.74
23 42 13 00-0018 EA 16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	31.51	9.91
23 42 13 00-0019 EA 16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	34.72	9.91
23 42 13 00-0020 EA 20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	35.40	9.91
23 42 13 00-0021 EA 20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	39.39	9.91
23 42 13 00-0022 EA 24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	41.93	9.91
23 42 13 00-0023 EA 24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	69.30	10.49
<b>23 43 Electronic Air Cleaners</b> (23 40)		
<b>23 43 23 Self-Contained Electronic Air Cleaners</b> (23 43)		
<b>23 43 23 00-0001 Stationary Floor, Room Air Purifier</b> (23 43 23)		
23 43 23 00-0002 EA Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M).....	1,157.41	
23 43 23 00-0003 EA Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L).....	1,609.81	
23 43 23 00-0004 EA Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL).....	4,065.67	
23 43 23 00-0005 EA Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact).....	913.46	
23 43 23 00-0006 EA Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine).....	1,640.52	
23 43 23 00-0007 EA Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial).....	6,487.62	
<b>23 43 23 00-0008 Surface Mounted, Room Air Purifier</b> (23 43 23)		
23 43 23 00-0009 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067).....	2,919.51	
23 43 23 00-0010 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064).....	4,088.39	
23 43 23 00-0011 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S).....	4,683.85	
<b>23 43 23 00-0012 Suspension Ceiling Mounted, Room Air Purifier</b> (23 43 23)		
23 43 23 00-0013 EA 2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24).....	3,799.30	
<b>23 50 Central Heating Equipment</b> (23)		
Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.		
<b>23 51 Breechings, Chimneys, and Stacks</b> (23 50)		
<b>23 51 13 Draft Control Devices</b> (23 51)		
<b>23 51 13 13 Draft-Induction Fans</b> (23 51 13)		
23 51 13 13-0001 Vertical Discharge Fans (23 51 13 13) Note: Includes chimney adapter. Excludes wiring.		
23 51 13 13-0002 Axial Vane Vertical Discharge Fans (23 51 13 13-0001)		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 13-0003 EA 450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,673.01	236.22
23 51 13 13-0004 EA 950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,167.77	257.69
23 51 13 13-0005 EA 1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	5,012.12	284.54
23 51 13 13-0006 EA 1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	6,565.73	330.17
<b>23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans (23 51 13 13-0007)</b>		
23 51 13 13-0008 EA 700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,425.15	257.69
23 51 13 13-0009 EA 1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,407.58	284.54
23 51 13 13-0010 EA 2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	7,035.52	332.85
23 51 13 13-0011 EA 3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	8,339.79	373.11
<b>23 51 13 13-0012 Accessories For Vertical Discharge Fans (23 51 13 13-0001)</b>		
23 51 13 13-0013 EA Modulating Fan Controller And Sensor.....	499.94	80.53
<b>23 51 13 16 Vent Dampers (23 51 13)</b>		
<b>23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade (23 51 13 16)</b>		
23 51 13 16-0002 EA 3" Round Flue Shutter Draft Control Damper.....	987.70	47.68
23 51 13 16-0003 EA 4" Round Flue Shutter Draft Control Damper.....	1,084.09	50.57
23 51 13 16-0004 EA 5" Round Flue Shutter Draft Control Damper.....	1,198.26	53.68
23 51 13 16-0005 EA 6" Round Flue Shutter Draft Control Damper.....	1,280.28	57.25
23 51 13 16-0006 EA 7" Round Flue Shutter Draft Control Damper.....	1,398.57	61.33
23 51 13 16-0007 EA 8" Round Flue Shutter Draft Control Damper.....	1,485.14	66.03
23 51 13 16-0008 EA 10" Round Flue Shutter Draft Control Damper.....	1,642.91	71.60
23 51 13 16-0009 EA 12" Round Flue Shutter Draft Control Damper.....	1,804.37	78.08
23 51 13 16-0010 EA 14" Round Flue Shutter Draft Control Damper.....	2,023.46	81.87
23 51 13 16-0011 EA 16" Round Flue Shutter Draft Control Damper.....	2,175.09	85.89
23 51 13 16-0012 EA 18" Round Flue Shutter Draft Control Damper.....	2,378.78	90.20
23 51 13 16-0013 EA 20" Round Flue Shutter Draft Control Damper.....	2,792.51	142.81
23 51 13 16-0014 EA 22" Round Flue Shutter Draft Control Damper.....	3,065.43	151.67
23 51 13 16-0015 EA 24" Round Flue Shutter Draft Control Damper.....	3,323.72	161.06
23 51 13 16-0016 EA 26" Round Flue Shutter Draft Control Damper.....	3,378.75	166.43
23 51 13 16-0017 EA 28" Round Flue Shutter Draft Control Damper.....	3,485.09	171.80
23 51 13 16-0018 EA 30" Round Flue Shutter Draft Control Damper.....	3,578.96	182.54
23 51 13 16-0019 EA 32" Round Flue Shutter Draft Control Damper.....	3,736.35	187.78
23 51 13 16-0020 EA 34" Round Flue Shutter Draft Control Damper.....	3,897.53	198.52
23 51 13 16-0021 EA 36" Round Flue Shutter Draft Control Damper.....	4,080.88	214.75
23 51 13 16-0022 EA 38" Round Flue Shutter Draft Control Damper.....	4,289.38	222.12
23 51 13 16-0023 EA 40" Round Flue Shutter Draft Control Damper.....	4,483.61	225.48
23 51 13 16-0024 EA 42" Round Flue Shutter Draft Control Damper.....	4,704.03	236.22
23 51 13 16-0025 EA 44" Round Flue Shutter Draft Control Damper.....	4,925.76	246.96
23 51 13 16-0026 EA 46" Round Flue Shutter Draft Control Damper.....	5,148.10	257.69
23 51 13 16-0027 EA 48" Round Flue Shutter Draft Control Damper.....	5,369.49	268.43
<b>23 51 13 19 Barometric Dampers (23 51 13)</b>		
<b>23 51 13 19-0001 Barometric Dampers (23 51 13 19)</b>		
23 51 13 19-0002 EA 6" x 6" Barometric Damper.....	461.41	9.31
23 51 13 19-0003 EA 12" x 12" Barometric Damper.....	667.81	12.80
23 51 13 19-0004 EA 18" x 18" Barometric Damper.....	893.84	19.78
23 51 13 19-0005 EA 24" x 24" Barometric Damper.....	1,064.43	37.24
23 51 13 19-0006 EA 6" Diameter Barometric Damper.....	224.87	9.31
For Stainless Steel, Add	245.39	
23 51 13 19-0007 EA 7" Diameter Barometric Damper.....	266.15	10.47
For Stainless Steel, Add	291.54	
23 51 13 19-0008 EA 8" Diameter Barometric Damper.....	308.79	11.63
For Stainless Steel, Add	338.10	
23 51 13 19-0009 EA 9" Diameter Barometric Damper.....	380.64	11.63
For Stainless Steel, Add	428.29	
23 51 13 19-0010 EA 10" Diameter Barometric Damper.....	502.54	13.96
For Stainless Steel, Add	583.49	
23 51 13 19-0011 EA 12" Diameter Barometric Damper.....	638.72	15.13
For Stainless Steel, Add	752.54	
23 51 13 19-0012 EA 14" Diameter Barometric Damper.....	803.73	16.29
For Stainless Steel, Add	959.76	
23 51 13 19-0013 EA 15" Diameter Barometric Damper.....	959.57	17.45
For Stainless Steel, Add	1,153.57	
23 51 13 19-0014 EA 16" Diameter Barometric Damper.....	1,113.67	19.78
For Stainless Steel, Add	1,346.94	
23 51 13 19-0015 EA 18" Diameter Barometric Damper.....	1,468.05	20.94
For Stainless Steel, Add	1,799.56	
23 51 13 19-0016 EA 20" Diameter Barometric Damper.....	1,747.99	23.27
For Stainless Steel, Add	2,154.02	
23 51 13 19-0017 EA 24" Diameter Barometric Damper.....	2,108.68	23.27
For Stainless Steel, Add	2,617.54	
23 51 13 19-0018 EA 30" Diameter Barometric Damper.....	2,600.60	26.76
For Stainless Steel, Add	3,244.66	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 19-0019 EA 36" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	3,319.22 4,171.70	27.92
<b>23 51 16 Fabricated Breechings and Accessories (23 51)</b>		
23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0001)		
23 51 16 00-0003 LF 3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	30.84	9.55
<i>For Aluminum Liner, Add</i>	0.39	
<i>For 304 Stainless Steel Liner, Add</i>	0.53	
<i>For 2" Wall Instead Of 1", Add</i>	4.48	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.92	
23 51 16 00-0004 LF 4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	33.21	10.10
<i>For Aluminum Liner, Add</i>	0.47	
<i>For 304 Stainless Steel Liner, Add</i>	0.64	
<i>For 2" Wall Instead Of 1", Add</i>	5.04	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.79	
23 51 16 00-0005 LF 5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	36.74	10.74
<i>For Aluminum Liner, Add</i>	0.56	
<i>For 304 Stainless Steel Liner, Add</i>	0.76	
<i>For 2" Wall Instead Of 1", Add</i>	5.71	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.89	
23 51 16 00-0006 LF 6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	40.12	11.49
<i>For Aluminum Liner, Add</i>	0.65	
<i>For 304 Stainless Steel Liner, Add</i>	0.89	
<i>For 2" Wall Instead Of 1", Add</i>	6.37	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.98	
23 51 16 00-0007 LF 7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	47.41	12.24
<i>For Aluminum Liner, Add</i>	0.96	
<i>For 304 Stainless Steel Liner, Add</i>	1.31	
<i>For 2" Wall Instead Of 1", Add</i>	8.22	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.83	
23 51 16 00-0008 LF 8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	52.71	13.21
<i>For Aluminum Liner, Add</i>	1.07	
<i>For 304 Stainless Steel Liner, Add</i>	1.45	
<i>For 2" Wall Instead Of 1", Add</i>	9.15	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.38	
23 51 16 00-0009 LF 10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	76.96	14.18
<i>For Aluminum Liner, Add</i>	2.25	
<i>For 304 Stainless Steel Liner, Add</i>	3.07	
<i>For 2" Wall Instead Of 1", Add</i>	15.88	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	25.62	
23 51 16 00-0010 LF 12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	93.97	15.68
<i>For Aluminum Liner, Add</i>	3.02	
<i>For 304 Stainless Steel Liner, Add</i>	4.12	
<i>For 2" Wall Instead Of 1", Add</i>	20.38	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.52	
23 51 16 00-0011 LF 14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	133.08	16.32
<i>For Aluminum Liner, Add</i>	5.07	
<i>For 304 Stainless Steel Liner, Add</i>	6.91	
<i>For 2" Wall Instead Of 1", Add</i>	31.74	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	49.66	
23 51 16 00-0012 LF 16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	167.03	17.18
<i>For Aluminum Liner, Add</i>	6.83	
<i>For 304 Stainless Steel Liner, Add</i>	9.32	
<i>For 2" Wall Instead Of 1", Add</i>	41.56	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	64.47	
23 51 16 00-0013 LF 18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	206.08	18.04
<i>For Aluminum Liner, Add</i>	8.83	
<i>For 304 Stainless Steel Liner, Add</i>	12.04	
<i>For 2" Wall Instead Of 1", Add</i>	52.71	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	81.35	
23 51 16 00-0014 LF 20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	261.28	28.66
<i>For Aluminum Liner, Add</i>	10.48	
<i>For 304 Stainless Steel Liner, Add</i>	14.29	
<i>For 2" Wall Instead Of 1", Add</i>	64.24	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	99.89	
23 51 16 00-0015 LF 22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	316.67	30.28
<i>For Aluminum Liner, Add</i>	13.21	
<i>For 304 Stainless Steel Liner, Add</i>	18.02	
<i>For 2" Wall Instead Of 1", Add</i>	79.72	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	123.40	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0016	LF 24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	377.36	32.21
	Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
	For Aluminum Liner, Add	16.29	
	For 304 Stainless Steel Liner, Add	22.21	
	For 2" Wall Instead Of 1", Add	96.97	
	For 3" To 4" Wall Instead Of 1", Add	149.52	
23 51 16 00-0017	LF 26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	439.35	33.29
	Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
	For Aluminum Liner, Add	19.59	
	For 304 Stainless Steel Liner, Add	26.72	
	For 2" Wall Instead Of 1", Add	115.19	
	For 3" To 4" Wall Instead Of 1", Add	176.93	
23 51 16 00-0018	LF 28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	460.76	34.36
	Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
	For Aluminum Liner, Add	20.62	
	For 304 Stainless Steel Liner, Add	28.12	
	For 2" Wall Instead Of 1", Add	121.05	
	For 3" To 4" Wall Instead Of 1", Add	185.87	
23 51 16 00-0019	LF 30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	489.60	36.83
	Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness		
	For Aluminum Liner, Add	21.87	
	For 304 Stainless Steel Liner, Add	29.83	
	For 2" Wall Instead Of 1", Add	128.49	
	For 3" To 4" Wall Instead Of 1", Add	197.34	
23 51 16 00-0020	LF 32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	555.15	38.23
	For Aluminum Liner, Add	25.29	
	For 304 Stainless Steel Liner, Add	34.49	
	For 2" Wall Instead Of 1", Add	147.48	
	For 3" To 4" Wall Instead Of 1", Add	225.98	
23 51 16 00-0021	LF 34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	623.02	39.62
	For Aluminum Liner, Add	28.82	
	For 304 Stainless Steel Liner, Add	39.30	
	For 2" Wall Instead Of 1", Add	167.10	
	For 3" To 4" Wall Instead Of 1", Add	255.61	
23 51 16 00-0022	LF 36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	655.97	41.23
	For Aluminum Liner, Add	30.42	
	For 304 Stainless Steel Liner, Add	41.48	
	For 2" Wall Instead Of 1", Add	176.20	
	For 3" To 4" Wall Instead Of 1", Add	269.45	
23 51 16 00-0023	LF 38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	712.03	42.95
	For Aluminum Liner, Add	33.26	
	For 304 Stainless Steel Liner, Add	45.36	
	For 2" Wall Instead Of 1", Add	192.16	
	For 3" To 4" Wall Instead Of 1", Add	293.60	
23 51 16 00-0024	LF 40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	785.13	44.78
	For Aluminum Liner, Add	37.02	
	For 304 Stainless Steel Liner, Add	50.49	
	For 2" Wall Instead Of 1", Add	213.14	
	For 3" To 4" Wall Instead Of 1", Add	325.31	
23 51 16 00-0025	LF 42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	821.38	46.81
	For Aluminum Liner, Add	38.73	
	For 304 Stainless Steel Liner, Add	52.82	
	For 2" Wall Instead Of 1", Add	222.98	
	For 3" To 4" Wall Instead Of 1", Add	340.33	
23 51 16 00-0026	LF 44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	909.79	49.07
	For Aluminum Liner, Add	43.29	
	For 304 Stainless Steel Liner, Add	59.03	
	For 2" Wall Instead Of 1", Add	248.39	
	For 3" To 4" Wall Instead Of 1", Add	378.72	
23 51 16 00-0027	LF 46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	988.41	51.54
	For Aluminum Liner, Add	47.28	
	For 304 Stainless Steel Liner, Add	64.47	
	For 2" Wall Instead Of 1", Add	270.75	
	For 3" To 4" Wall Instead Of 1", Add	412.57	
23 51 16 00-0028	LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	1,088.11	54.23
	For Aluminum Liner, Add	52.40	
	For 304 Stainless Steel Liner, Add	71.46	
	For 2" Wall Instead Of 1", Add	299.36	
	For 3" To 4" Wall Instead Of 1", Add	455.81	
23 51 16 00-0029	90 Degree Elbows <small>(23 51 16 00-0001)</small>		
23 51 16 00-0030	EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	79.43	19.11
	For Aluminum Liner, Add	1.76	
	For 304 Stainless Steel Liner, Add	2.41	
	For 2" Wall Instead Of 1", Add	14.36	
	For 3" To 4" Wall Instead Of 1", Add	23.91	
23 51 16 00-0031	EA 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	88.22	20.18
	For Aluminum Liner, Add	2.08	
	For 304 Stainless Steel Liner, Add	2.84	
	For 2" Wall Instead Of 1", Add	16.40	
	For 3" To 4" Wall Instead Of 1", Add	27.11	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0032 EA 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	98.66	21.47
<i>For Aluminum Liner, Add</i>	2.49	
<i>For 304 Stainless Steel Liner, Add</i>	3.39	
<i>For 2" Wall Instead Of 1", Add</i>	18.91	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	31.04	
23 51 16 00-0033 EA 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	109.35	22.87
<i>For Aluminum Liner, Add</i>	2.89	
<i>For 304 Stainless Steel Liner, Add</i>	3.94	
<i>For 2" Wall Instead Of 1", Add</i>	21.45	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	35.01	
23 51 16 00-0034 EA 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	131.15	24.48
<i>For Aluminum Liner, Add</i>	3.87	
<i>For 304 Stainless Steel Liner, Add</i>	5.27	
<i>For 2" Wall Instead Of 1", Add</i>	27.17	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	43.80	
23 51 16 00-0035 EA 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	154.06	26.42
<i>For Aluminum Liner, Add</i>	4.84	
<i>For 304 Stainless Steel Liner, Add</i>	6.60	
<i>For 2" Wall Instead Of 1", Add</i>	33.01	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	52.82	
23 51 16 00-0036 EA 10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	274.25	28.66
<i>For Aluminum Liner, Add</i>	11.14	
<i>For 304 Stainless Steel Liner, Add</i>	15.18	
<i>For 2" Wall Instead Of 1", Add</i>	67.92	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	105.47	
23 51 16 00-0037 EA 12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	333.32	31.24
<i>For Aluminum Liner, Add</i>	14.04	
<i>For 304 Stainless Steel Liner, Add</i>	19.15	
<i>For 2" Wall Instead Of 1", Add</i>	84.39	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	130.48	
23 51 16 00-0038 EA 14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	434.79	32.75
<i>For Aluminum Liner, Add</i>	19.41	
<i>For 304 Stainless Steel Liner, Add</i>	26.47	
<i>For 2" Wall Instead Of 1", Add</i>	114.08	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	175.20	
23 51 16 00-0039 EA 16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	536.42	34.36
<i>For Aluminum Liner, Add</i>	24.79	
<i>For 304 Stainless Steel Liner, Add</i>	33.80	
<i>For 2" Wall Instead Of 1", Add</i>	143.78	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	219.96	
23 51 16 00-0040 EA 18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	696.12	36.18
<i>For Aluminum Liner, Add</i>	33.31	
<i>For 304 Stainless Steel Liner, Add</i>	45.42	
<i>For 2" Wall Instead Of 1", Add</i>	190.74	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	290.63	
23 51 16 00-0041 EA 20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	979.48	57.23
<i>For Aluminum Liner, Add</i>	45.99	
<i>For 304 Stainless Steel Liner, Add</i>	62.72	
<i>For 2" Wall Instead Of 1", Add</i>	265.20	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	404.96	
23 51 16 00-0042 EA 22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,295.99	60.66
<i>For Aluminum Liner, Add</i>	62.94	
<i>For 304 Stainless Steel Liner, Add</i>	85.82	
<i>For 2" Wall Instead Of 1", Add</i>	358.47	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	545.28	
23 51 16 00-0043 EA 24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	1,464.00	64.42
<i>For Aluminum Liner, Add</i>	71.65	
<i>For 304 Stainless Steel Liner, Add</i>	97.71	
<i>For 2" Wall Instead Of 1", Add</i>	406.96	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	618.50	
<b>23 51 16 00-0044 45 Degree Elbows</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0045 EA 3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	66.16	19.11
<i>For Aluminum Liner, Add</i>	1.02	
<i>For 304 Stainless Steel Liner, Add</i>	1.39	
<i>For 2" Wall Instead Of 1", Add</i>	10.31	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.85	
23 51 16 00-0046 EA 4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	72.36	20.18
<i>For Aluminum Liner, Add</i>	1.20	
<i>For 304 Stainless Steel Liner, Add</i>	1.63	
<i>For 2" Wall Instead Of 1", Add</i>	11.59	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	19.92	
23 51 16 00-0047 EA 5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	79.34	21.47
<i>For Aluminum Liner, Add</i>	1.41	
<i>For 304 Stainless Steel Liner, Add</i>	1.92	
<i>For 2" Wall Instead Of 1", Add</i>	13.06	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	22.28	
23 51 16 00-0048 EA 6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	87.95	22.87
<i>For Aluminum Liner, Add</i>	1.69	
<i>For 304 Stainless Steel Liner, Add</i>	2.30	
<i>For 2" Wall Instead Of 1", Add</i>	14.94	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	25.27	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0049	EA		7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	105.34	24.48
			<i>For Aluminum Liner, Add</i>	2.42	
			<i>For 304 Stainless Steel Liner, Add</i>	3.30	
			<i>For 2" Wall Instead Of 1", Add</i>	19.34	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.07	
23 51 16 00-0050	EA		8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	116.64	26.42
			<i>For Aluminum Liner, Add</i>	2.78	
			<i>For 304 Stainless Steel Liner, Add</i>	3.80	
			<i>For 2" Wall Instead Of 1", Add</i>	21.79	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	35.98	
23 51 16 00-0051	EA		10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	198.14	28.66
			<i>For Aluminum Liner, Add</i>	6.96	
			<i>For 304 Stainless Steel Liner, Add</i>	9.49	
			<i>For 2" Wall Instead Of 1", Add</i>	45.12	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	71.26	
23 51 16 00-0052	EA		12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	237.62	31.24
			<i>For Aluminum Liner, Add</i>	8.78	
			<i>For 304 Stainless Steel Liner, Add</i>	11.97	
			<i>For 2" Wall Instead Of 1", Add</i>	55.67	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	87.41	
23 51 16 00-0053	EA		14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	306.31	32.75
			<i>For Aluminum Liner, Add</i>	12.35	
			<i>For 304 Stainless Steel Liner, Add</i>	16.84	
			<i>For 2" Wall Instead Of 1", Add</i>	75.53	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	117.38	
23 51 16 00-0054	EA		16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	367.55	34.36
			<i>For Aluminum Liner, Add</i>	15.49	
			<i>For 304 Stainless Steel Liner, Add</i>	21.13	
			<i>For 2" Wall Instead Of 1", Add</i>	93.09	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	143.93	
23 51 16 00-0055	EA		18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	468.92	36.18
			<i>For Aluminum Liner, Add</i>	20.82	
			<i>For 304 Stainless Steel Liner, Add</i>	28.39	
			<i>For 2" Wall Instead Of 1", Add</i>	122.59	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	188.41	
23 51 16 00-0056	EA		20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	569.70	57.12
			<i>For Aluminum Liner, Add</i>	23.48	
			<i>For 304 Stainless Steel Liner, Add</i>	32.02	
			<i>For 2" Wall Instead Of 1", Add</i>	142.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	220.67	
23 51 16 00-0057	EA		22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	794.25	60.66
			<i>For Aluminum Liner, Add</i>	35.34	
			<i>For 304 Stainless Steel Liner, Add</i>	48.19	
			<i>For 2" Wall Instead Of 1", Add</i>	207.94	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	319.50	
23 51 16 00-0058	EA		24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	975.19	64.42
			<i>For Aluminum Liner, Add</i>	44.78	
			<i>For 304 Stainless Steel Liner, Add</i>	61.07	
			<i>For 2" Wall Instead Of 1", Add</i>	260.37	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	398.60	
23 51 16 00-0059	EA		26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,772.80	66.57
			<i>For Aluminum Liner, Add</i>	88.36	
			<i>For 304 Stainless Steel Liner, Add</i>	120.49	
			<i>For 2" Wall Instead Of 1", Add</i>	498.57	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	756.18	
23 51 16 00-0060	EA		28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,822.17	68.71
			<i>For Aluminum Liner, Add</i>	90.78	
			<i>For 304 Stainless Steel Liner, Add</i>	123.79	
			<i>For 2" Wall Instead Of 1", Add</i>	512.31	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	777.05	
23 51 16 00-0061	EA		30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,920.93	73.02
			<i>For Aluminum Liner, Add</i>	95.62	
			<i>For 304 Stainless Steel Liner, Add</i>	130.39	
			<i>For 2" Wall Instead Of 1", Add</i>	539.80	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	818.81	
23 51 16 00-0062	EA		32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,146.35	75.16
			<i>For Aluminum Liner, Add</i>	107.72	
			<i>For 304 Stainless Steel Liner, Add</i>	146.89	
			<i>For 2" Wall Instead Of 1", Add</i>	606.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	918.91	
23 51 16 00-0063	EA		34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,344.15	79.45
			<i>For Aluminum Liner, Add</i>	118.01	
			<i>For 304 Stainless Steel Liner, Add</i>	160.92	
			<i>For 2" Wall Instead Of 1", Add</i>	663.54	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,005.24	
23 51 16 00-0064	EA		36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,415.25	85.89
			<i>For Aluminum Liner, Add</i>	121.04	
			<i>For 304 Stainless Steel Liner, Add</i>	165.05	
			<i>For 2" Wall Instead Of 1", Add</i>	681.65	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,033.21	
23 51 16 00-0065	EA		38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,587.81	88.91
			<i>For Aluminum Liner, Add</i>	130.11	
			<i>For 304 Stainless Steel Liner, Add</i>	177.43	
			<i>For 2" Wall Instead Of 1", Add</i>	731.92	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,108.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0066 EA 40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	2,756.09	90.20
<i>For Aluminum Liner, Add</i>	139.19	
<i>For 304 Stainless Steel Liner, Add</i>	189.81	
<i>For 2" Wall Instead Of 1", Add</i>	781.76	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,183.90	
23 51 16 00-0067 EA 42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	2,876.84	94.49
<i>For Aluminum Liner, Add</i>	145.24	
<i>For 304 Stainless Steel Liner, Add</i>	198.06	
<i>For 2" Wall Instead Of 1", Add</i>	815.84	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,235.56	
23 51 16 00-0068 EA 44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	3,052.61	98.78
<i>For Aluminum Liner, Add</i>	154.32	
<i>For 304 Stainless Steel Liner, Add</i>	210.44	
<i>For 2" Wall Instead Of 1", Add</i>	866.43	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,311.98	
23 51 16 00-0069 EA 46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	3,283.39	103.08
<i>For Aluminum Liner, Add</i>	166.42	
<i>For 304 Stainless Steel Liner, Add</i>	226.94	
<i>For 2" Wall Instead Of 1", Add</i>	933.52	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,413.15	
23 51 16 00-0070 EA 48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	3,404.16	107.37
<i>For Aluminum Liner, Add</i>	172.48	
<i>For 304 Stainless Steel Liner, Add</i>	235.19	
<i>For 2" Wall Instead Of 1", Add</i>	967.60	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,464.81	
<b>23 51 16 00-0071 Tees</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0072 EA 3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	108.83	25.45
<i>For Aluminum Liner, Add</i>	2.48	
<i>For 304 Stainless Steel Liner, Add</i>	3.38	
<i>For 2" Wall Instead Of 1", Add</i>	19.91	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	33.04	
23 51 16 00-0073 EA 4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	113.34	26.42
<i>For Aluminum Liner, Add</i>	2.60	
<i>For 304 Stainless Steel Liner, Add</i>	3.55	
<i>For 2" Wall Instead Of 1", Add</i>	20.80	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	34.50	
23 51 16 00-0074 EA 5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	118.23	27.49
<i>For Aluminum Liner, Add</i>	2.72	
<i>For 304 Stainless Steel Liner, Add</i>	3.71	
<i>For 2" Wall Instead Of 1", Add</i>	21.73	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	36.02	
23 51 16 00-0075 EA 6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	126.64	28.66
<i>For Aluminum Liner, Add</i>	3.03	
<i>For 304 Stainless Steel Liner, Add</i>	4.13	
<i>For 2" Wall Instead Of 1", Add</i>	23.67	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	39.08	
23 51 16 00-0076 EA 7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	150.65	29.85
<i>For Aluminum Liner, Add</i>	4.18	
<i>For 304 Stainless Steel Liner, Add</i>	5.69	
<i>For 2" Wall Instead Of 1", Add</i>	30.25	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	49.11	
23 51 16 00-0077 EA 8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	161.67	31.24
<i>For Aluminum Liner, Add</i>	4.60	
<i>For 304 Stainless Steel Liner, Add</i>	6.27	
<i>For 2" Wall Instead Of 1", Add</i>	32.89	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	53.24	
23 51 16 00-0078 EA 10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	308.48	32.75
<i>For Aluminum Liner, Add</i>	12.47	
<i>For 304 Stainless Steel Liner, Add</i>	17.00	
<i>For 2" Wall Instead Of 1", Add</i>	76.18	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	118.36	
23 51 16 00-0079 EA 12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	358.75	34.36
<i>For Aluminum Liner, Add</i>	15.01	
<i>For 304 Stainless Steel Liner, Add</i>	20.47	
<i>For 2" Wall Instead Of 1", Add</i>	90.45	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	139.97	
23 51 16 00-0080 EA 14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	539.95	38.23
<i>For Aluminum Liner, Add</i>	24.45	
<i>For 304 Stainless Steel Liner, Add</i>	33.34	
<i>For 2" Wall Instead Of 1", Add</i>	142.90	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	219.12	
23 51 16 00-0081 EA 16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	736.71	42.95
<i>For Aluminum Liner, Add</i>	34.62	
<i>For 304 Stainless Steel Liner, Add</i>	47.20	
<i>For 2" Wall Instead Of 1", Add</i>	199.55	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	304.69	
23 51 16 00-0082 EA 18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe .....	914.91	49.07
<i>For Aluminum Liner, Add</i>	43.57	
<i>For 304 Stainless Steel Liner, Add</i>	59.42	
<i>For 2" Wall Instead Of 1", Add</i>	249.94	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	381.04	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0083	EA		20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,218.79	60.66
			<i>For Aluminum Liner, Add</i>	58.70	
			<i>For 304 Stainless Steel Liner, Add</i>	80.05	
			<i>For 2" Wall Instead Of 1", Add</i>	335.34	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	510.59	
23 51 16 00-0084	EA		22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,529.49	79.24
			<i>For Aluminum Liner, Add</i>	73.23	
			<i>For 304 Stainless Steel Liner, Add</i>	99.85	
			<i>For 2" Wall Instead Of 1", Add</i>	419.23	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	638.75	
23 51 16 00-0085	EA		24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,760.84	83.75
			<i>For Aluminum Liner, Add</i>	85.33	
			<i>For 304 Stainless Steel Liner, Add</i>	116.36	
			<i>For 2" Wall Instead Of 1", Add</i>	486.37	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	740.03	
23 51 16 00-0086	EA		26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,426.21	90.20
			<i>For Aluminum Liner, Add</i>	121.04	
			<i>For 304 Stainless Steel Liner, Add</i>	165.05	
			<i>For 2" Wall Instead Of 1", Add</i>	682.75	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,035.40	
23 51 16 00-0087	EA		28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,709.95	93.73
			<i>For Aluminum Liner, Add</i>	136.16	
			<i>For 304 Stainless Steel Liner, Add</i>	185.68	
			<i>For 2" Wall Instead Of 1", Add</i>	766.14	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,160.92	
23 51 16 00-0088	EA		30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,942.74	98.78
			<i>For Aluminum Liner, Add</i>	148.27	
			<i>For 304 Stainless Steel Liner, Add</i>	202.18	
			<i>For 2" Wall Instead Of 1", Add</i>	833.43	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,262.50	
23 51 16 00-0089	EA		32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,393.53	103.08
			<i>For Aluminum Liner, Add</i>	172.48	
			<i>For 304 Stainless Steel Liner, Add</i>	235.19	
			<i>For 2" Wall Instead Of 1", Add</i>	966.54	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,462.69	
23 51 16 00-0090	EA		34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,459.36	107.37
			<i>For Aluminum Liner, Add</i>	175.50	
			<i>For 304 Stainless Steel Liner, Add</i>	239.32	
			<i>For 2" Wall Instead Of 1", Add</i>	984.12	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,489.60	
23 51 16 00-0091	EA		36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,027.56	114.57
			<i>For Aluminum Liner, Add</i>	205.76	
			<i>For 304 Stainless Steel Liner, Add</i>	280.58	
			<i>For 2" Wall Instead Of 1", Add</i>	1,150.97	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,740.78	
23 51 16 00-0092	EA		38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,118.35	128.84
			<i>For Aluminum Liner, Add</i>	208.79	
			<i>For 304 Stainless Steel Liner, Add</i>	284.71	
			<i>For 2" Wall Instead Of 1", Add</i>	1,171.06	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,772.70	
23 51 16 00-0093	EA		40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,494.43	147.31
			<i>For Aluminum Liner, Add</i>	226.94	
			<i>For 304 Stainless Steel Liner, Add</i>	309.47	
			<i>For 2" Wall Instead Of 1", Add</i>	1,274.69	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,930.44	
23 51 16 00-0094	EA		42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,940.81	171.80
			<i>For Aluminum Liner, Add</i>	248.12	
			<i>For 304 Stainless Steel Liner, Add</i>	338.35	
			<i>For 2" Wall Instead Of 1", Add</i>	1,396.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,115.99	
23 51 16 00-0095	EA		44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,379.21	193.27
			<i>For Aluminum Liner, Add</i>	269.30	
			<i>For 304 Stainless Steel Liner, Add</i>	367.23	
			<i>For 2" Wall Instead Of 1", Add</i>	1,517.21	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,299.95	
23 51 16 00-0096	EA		46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,890.52	199.72
			<i>For Aluminum Liner, Add</i>	296.54	
			<i>For 304 Stainless Steel Liner, Add</i>	404.37	
			<i>For 2" Wall Instead Of 1", Add</i>	1,667.37	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,526.00	
23 51 16 00-0097	EA		48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	6,236.89	206.15
			<i>For Aluminum Liner, Add</i>	314.69	
			<i>For 304 Stainless Steel Liner, Add</i>	429.13	
			<i>For 2" Wall Instead Of 1", Add</i>	1,768.02	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,677.80	
<b>23 51 16 00-0098</b>			<b>Vent Top Caps</b> (23 51 16 00-0001)		
23 51 16 00-0099	EA		3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	54.41	14.92
			<i>For Aluminum Liner, Add</i>	0.94	
			<i>For 304 Stainless Steel Liner, Add</i>	1.28	
			<i>For 2" Wall Instead Of 1", Add</i>	8.85	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0100 EA 4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	57.02	15.68
For Aluminum Liner, Add	0.99	
For 304 Stainless Steel Liner, Add	1.35	
For 2" Wall Instead Of 1", Add	9.29	
For 3" To 4" Wall Instead Of 1", Add	15.89	
23 51 16 00-0101 EA 6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	74.09	17.18
For Aluminum Liner, Add	1.71	
For 304 Stainless Steel Liner, Add	2.34	
For 2" Wall Instead Of 1", Add	13.64	
For 3" To 4" Wall Instead Of 1", Add	22.60	
23 51 16 00-0102 EA 8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	78.81	19.11
For Aluminum Liner, Add	1.71	
For 304 Stainless Steel Liner, Add	2.34	
For 2" Wall Instead Of 1", Add	14.11	
For 3" To 4" Wall Instead Of 1", Add	23.55	
23 51 16 00-0103 EA 10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	96.35	20.18
For Aluminum Liner, Add	2.52	
For 304 Stainless Steel Liner, Add	3.44	
For 2" Wall Instead Of 1", Add	18.81	
For 3" To 4" Wall Instead Of 1", Add	30.74	
23 51 16 00-0104 EA 12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	114.20	21.47
For Aluminum Liner, Add	3.33	
For 304 Stainless Steel Liner, Add	4.54	
For 2" Wall Instead Of 1", Add	23.52	
For 3" To 4" Wall Instead Of 1", Add	37.97	
23 51 16 00-0105 EA 16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	273.67	24.48
For Aluminum Liner, Add	11.68	
For 304 Stainless Steel Liner, Add	15.93	
For 2" Wall Instead Of 1", Add	69.84	
For 3" To 4" Wall Instead Of 1", Add	107.82	
23 51 16 00-0106 EA 18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	512.40	30.71
For Aluminum Liner, Add	23.97	
For 304 Stainless Steel Liner, Add	32.68	
For 2" Wall Instead Of 1", Add	138.39	
For 3" To 4" Wall Instead Of 1", Add	211.41	
23 51 16 00-0107 EA 20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	950.27	36.83
For Aluminum Liner, Add	47.20	
For 304 Stainless Steel Liner, Add	64.37	
For 2" Wall Instead Of 1", Add	266.68	
For 3" To 4" Wall Instead Of 1", Add	404.62	
23 51 16 00-0108 EA 24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	1,581.28	51.54
For Aluminum Liner, Add	79.88	
For 304 Stainless Steel Liner, Add	108.93	
For 2" Wall Instead Of 1", Add	448.61	
For 3" To 4" Wall Instead Of 1", Add	679.36	
23 51 16 00-0109 EA 26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	2,336.21	54.23
For Aluminum Liner, Add	121.04	
For 304 Stainless Steel Liner, Add	165.05	
For 2" Wall Instead Of 1", Add	673.75	
For 3" To 4" Wall Instead Of 1", Add	1,017.40	
23 51 16 00-0110 EA 28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	2,618.88	57.23
For Aluminum Liner, Add	136.16	
For 304 Stainless Steel Liner, Add	185.68	
For 2" Wall Instead Of 1", Add	757.03	
For 3" To 4" Wall Instead Of 1", Add	1,142.71	
23 51 16 00-0111 EA 30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	2,957.48	60.66
For Aluminum Liner, Add	154.32	
For 304 Stainless Steel Liner, Add	210.44	
For 2" Wall Instead Of 1", Add	856.91	
For 3" To 4" Wall Instead Of 1", Add	1,292.95	
23 51 16 00-0112 EA 32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	3,132.00	64.42
For Aluminum Liner, Add	163.40	
For 304 Stainless Steel Liner, Add	222.82	
For 2" Wall Instead Of 1", Add	907.37	
For 3" To 4" Wall Instead Of 1", Add	1,369.12	
23 51 16 00-0113 EA 34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	3,307.77	68.71
For Aluminum Liner, Add	172.48	
For 304 Stainless Steel Liner, Add	235.19	
For 2" Wall Instead Of 1", Add	957.96	
For 3" To 4" Wall Instead Of 1", Add	1,445.53	
23 51 16 00-0114 EA 36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe .....	3,539.96	73.66
For Aluminum Liner, Add	184.58	
For 304 Stainless Steel Liner, Add	251.70	
For 2" Wall Instead Of 1", Add	1,025.19	
For 3" To 4" Wall Instead Of 1", Add	1,546.99	
<b>23 51 16 00-0115 Wall Thimbles</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0116 EA 3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	22.02	8.05
For Aluminum Liner, Add	0.11	
For 304 Stainless Steel Liner, Add	0.15	
For 2" Wall Instead Of 1", Add	2.59	
For 3" To 4" Wall Instead Of 1", Add	4.89	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	27.88	10.31
			<i>For Aluminum Liner, Add</i>	0.11	
			<i>For 304 Stainless Steel Liner, Add</i>	0.15	
			<i>For 2" Wall Instead Of 1", Add</i>	3.19	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	6.08	
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	37.10	13.85
			<i>For Aluminum Liner, Add</i>	0.14	
			<i>For 304 Stainless Steel Liner, Add</i>	0.18	
			<i>For 2" Wall Instead Of 1", Add</i>	4.20	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.04	
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	46.46	17.18
			<i>For Aluminum Liner, Add</i>	0.19	
			<i>For 304 Stainless Steel Liner, Add</i>	0.26	
			<i>For 2" Wall Instead Of 1", Add</i>	5.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.17	
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	66.99	23.19
			<i>For Aluminum Liner, Add</i>	0.50	
			<i>For 304 Stainless Steel Liner, Add</i>	0.68	
			<i>For 2" Wall Instead Of 1", Add</i>	8.50	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.65	
23 51 16 00-0121	EA		12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	84.70	28.78
			<i>For Aluminum Liner, Add</i>	0.70	
			<i>For 304 Stainless Steel Liner, Add</i>	0.96	
			<i>For 2" Wall Instead Of 1", Add</i>	11.02	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	20.13	
23 51 16 00-0122	EA		14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	107.53	34.36
			<i>For Aluminum Liner, Add</i>	1.19	
			<i>For 304 Stainless Steel Liner, Add</i>	1.62	
			<i>For 2" Wall Instead Of 1", Add</i>	15.08	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.92	
23 51 16 00-0123	EA		18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	140.72	40.81
			<i>For Aluminum Liner, Add</i>	2.13	
			<i>For 304 Stainless Steel Liner, Add</i>	2.90	
			<i>For 2" Wall Instead Of 1", Add</i>	21.82	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	37.82	
23 51 16 00-0124	EA		22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe .....	190.58	45.10
			<i>For Aluminum Liner, Add</i>	4.28	
			<i>For 304 Stainless Steel Liner, Add</i>	5.84	
			<i>For 2" Wall Instead Of 1", Add</i>	34.63	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	57.58	
<b>23 51 16 00-0125</b>			<b>Adjustable Roof Flashing</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0126	EA		3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	60.33	19.11
			<i>For Aluminum Liner, Add</i>	0.70	
			<i>For 304 Stainless Steel Liner, Add</i>	0.95	
			<i>For 2" Wall Instead Of 1", Add</i>	8.56	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.23	
23 51 16 00-0127	EA		4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	66.84	20.18
			<i>For Aluminum Liner, Add</i>	0.90	
			<i>For 304 Stainless Steel Liner, Add</i>	1.22	
			<i>For 2" Wall Instead Of 1", Add</i>	9.94	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.44	
23 51 16 00-0128	EA		6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	84.51	22.87
			<i>For Aluminum Liner, Add</i>	1.50	
			<i>For 304 Stainless Steel Liner, Add</i>	2.05	
			<i>For 2" Wall Instead Of 1", Add</i>	13.91	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	23.72	
23 51 16 00-0129	EA		8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	103.33	26.42
			<i>For Aluminum Liner, Add</i>	2.05	
			<i>For 304 Stainless Steel Liner, Add</i>	2.80	
			<i>For 2" Wall Instead Of 1", Add</i>	17.79	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	29.99	
23 51 16 00-0130	EA		10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	173.95	28.66
			<i>For Aluminum Liner, Add</i>	5.63	
			<i>For 304 Stainless Steel Liner, Add</i>	7.67	
			<i>For 2" Wall Instead Of 1", Add</i>	37.86	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	60.37	
23 51 16 00-0131	EA		12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	207.89	31.24
			<i>For Aluminum Liner, Add</i>	7.14	
			<i>For 304 Stainless Steel Liner, Add</i>	9.74	
			<i>For 2" Wall Instead Of 1", Add</i>	46.76	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	74.04	
23 51 16 00-0132	EA		14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	245.44	34.36
			<i>For Aluminum Liner, Add</i>	8.78	
			<i>For 304 Stainless Steel Liner, Add</i>	11.97	
			<i>For 2" Wall Instead Of 1", Add</i>	56.45	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	88.98	
23 51 16 00-0133	EA		16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	293.63	38.23
			<i>For Aluminum Liner, Add</i>	10.89	
			<i>For 304 Stainless Steel Liner, Add</i>	14.85	
			<i>For 2" Wall Instead Of 1", Add</i>	68.98	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	108.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0134 EA 18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	448.51	42.95
<i>For Aluminum Liner, Add</i>	18.76	
<i>For 304 Stainless Steel Liner, Add</i>	25.58	
<i>For 2" Wall Instead Of 1", Add</i>	113.07	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	174.98	
23 51 16 00-0135 EA 20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	490.86	57.23
<i>For Aluminum Liner, Add</i>	19.12	
<i>For 304 Stainless Steel Liner, Add</i>	26.08	
<i>For 2" Wall Instead Of 1", Add</i>	118.63	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	185.10	
23 51 16 00-0136 EA 22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	624.24	73.66
<i>For Aluminum Liner, Add</i>	24.21	
<i>For 304 Stainless Steel Liner, Add</i>	33.01	
<i>For 2" Wall Instead Of 1", Add</i>	150.45	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	234.88	
23 51 16 00-0137 EA 24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	742.90	85.89
<i>For Aluminum Liner, Add</i>	29.05	
<i>For 304 Stainless Steel Liner, Add</i>	39.61	
<i>For 2" Wall Instead Of 1", Add</i>	179.92	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	280.62	
<b>23 51 16 00-0138 Galvanized Storm Collars</b> <small>(23 51 16 00-0001)</small>		
23 51 16 00-0139 EA 3" Round Galvanized Storm Collar, Double Wall .....	23.72	8.05
<i>For Aluminum Liner, Add</i>	0.20	
<i>For 304 Stainless Steel Liner, Add</i>	0.27	
<i>For 2" Wall Instead Of 1", Add</i>	3.10	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	5.66	
23 51 16 00-0140 EA 4" Round Galvanized Storm Collar, Double Wall .....	29.96	10.31
<i>For Aluminum Liner, Add</i>	0.23	
<i>For 304 Stainless Steel Liner, Add</i>	0.31	
<i>For 2" Wall Instead Of 1", Add</i>	3.83	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.04	
23 51 16 00-0141 EA 5" Round Galvanized Storm Collar, Double Wall .....	35.28	12.03
<i>For Aluminum Liner, Add</i>	0.29	
<i>For 304 Stainless Steel Liner, Add</i>	0.39	
<i>For 2" Wall Instead Of 1", Add</i>	4.57	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.36	
23 51 16 00-0142 EA 6" Round Galvanized Storm Collar, Double Wall .....	40.62	13.74
<i>For Aluminum Liner, Add</i>	0.34	
<i>For 304 Stainless Steel Liner, Add</i>	0.47	
<i>For 2" Wall Instead Of 1", Add</i>	5.31	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.69	
23 51 16 00-0143 EA 7" Or 8" Round Galvanized Storm Collar, Double Wall .....	51.28	17.18
<i>For Aluminum Liner, Add</i>	0.46	
<i>For 304 Stainless Steel Liner, Add</i>	0.62	
<i>For 2" Wall Instead Of 1", Add</i>	6.79	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.34	
23 51 16 00-0144 EA 10" Round Galvanized Storm Collar, Double Wall .....	71.04	23.19
<i>For Aluminum Liner, Add</i>	0.72	
<i>For 304 Stainless Steel Liner, Add</i>	0.98	
<i>For 2" Wall Instead Of 1", Add</i>	9.72	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.47	
23 51 16 00-0145 EA 12" Round Galvanized Storm Collar, Double Wall .....	87.64	28.78
<i>For Aluminum Liner, Add</i>	0.86	
<i>For 304 Stainless Steel Liner, Add</i>	1.18	
<i>For 2" Wall Instead Of 1", Add</i>	11.90	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	21.45	
23 51 16 00-0146 EA 14" Or 16" Round Galvanized Storm Collar, Double Wall .....	112.52	34.36
<i>For Aluminum Liner, Add</i>	1.46	
<i>For 304 Stainless Steel Liner, Add</i>	2.00	
<i>For 2" Wall Instead Of 1", Add</i>	16.58	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	29.16	
23 51 16 00-0147 EA 18" Or 20" Round Galvanized Storm Collar, Double Wall .....	150.20	40.81
<i>For Aluminum Liner, Add</i>	2.65	
<i>For 304 Stainless Steel Liner, Add</i>	3.62	
<i>For 2" Wall Instead Of 1", Add</i>	24.66	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	42.09	
23 51 16 00-0148 EA 22" Or 24" Round Galvanized Storm Collar, Double Wall .....	214.30	45.10
<i>For Aluminum Liner, Add</i>	5.59	
<i>For 304 Stainless Steel Liner, Add</i>	7.62	
<i>For 2" Wall Instead Of 1", Add</i>	41.74	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	68.25	
<b>23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small>		
<b>23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0151 LF 4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe .....	41.01	10.10
<i>For 2" Wall Instead Of 1", Add</i>	7.26	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.15	
23 51 16 00-0152 LF 5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe .....	45.37	10.74
<i>For 2" Wall Instead Of 1", Add</i>	8.28	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	13.76	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 50 Central Heating Equipment**

**23 51 Breechings, Chimneys, and Stacks**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe .....	50.38	11.49
		<i>For 2" Wall Instead Of 1", Add</i>	9.38	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.51	
<b>23 51 16 00-0154</b>		<b>45 Degree Elbows</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	90.17	20.94
		<i>For 2" Wall Instead Of 1", Add</i>	16.58	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	27.48	
23 51 16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	105.21	24.48
		<i>For 2" Wall Instead Of 1", Add</i>	19.32	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.04	
23 51 16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe .....	125.70	27.70
		<i>For 2" Wall Instead Of 1", Add</i>	23.86	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	39.25	
23 51 16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	92.06	20.94
		<i>For 2" Wall Instead Of 1", Add</i>	17.14	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	28.33	
23 51 16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	109.80	24.48
		<i>For 2" Wall Instead Of 1", Add</i>	20.70	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	34.11	
23 51 16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	128.67	27.70
		<i>For 2" Wall Instead Of 1", Add</i>	24.75	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	40.58	
<b>23 51 16 00-0161</b>		<b>Tees</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe .....	151.63	31.78
		<i>For 2" Wall Instead Of 1", Add</i>	29.58	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	48.35	
23 51 16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe .....	154.60	31.78
		<i>For 2" Wall Instead Of 1", Add</i>	30.47	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	49.69	
23 51 16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe .....	177.68	36.50
		<i>For 2" Wall Instead Of 1", Add</i>	35.05	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	57.14	
23 51 16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe .....	203.52	40.91
		<i>For 2" Wall Instead Of 1", Add</i>	40.60	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	66.02	
<b>23 51 16 00-0166</b>		<b>Tops/Caps And Adjustable Flashing</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe .....	58.54	10.31
		<i>For 2" Wall Instead Of 1", Add</i>	12.39	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	19.88	
23 51 16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe .....	92.02	13.85
		<i>For 2" Wall Instead Of 1", Add</i>	20.68	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.75	
23 51 16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	46.93	10.31
		<i>For 2" Wall Instead Of 1", Add</i>	8.91	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.65	
23 51 16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe .....	81.08	13.85
		<i>For 2" Wall Instead Of 1", Add</i>	17.40	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	27.83	
<b>23 51 16 00-0171</b>		<b>Storm Collars</b> <small>(23 51 16 00-0149)</small>		
23 51 16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall .....	29.96	10.31
		<i>For 2" Wall Instead Of 1", Add</i>	3.83	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.04	
23 51 16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall .....	35.28	12.03
		<i>For 2" Wall Instead Of 1", Add</i>	4.57	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.36	
23 51 16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall .....	40.62	13.74
		<i>For 2" Wall Instead Of 1", Add</i>	5.31	
		<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.69	
<b>23 51 16 00-0175</b>		<b>Round Double Wall Flue/Vent Pipe And Fittings</b> <small>(23 51 16)</small>		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
<b>23 51 16 00-0176</b>		<b>Round Double Wall Flue/Vent Pipe</b> <small>(23 51 16 00-0175)</small>		
		Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51 16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	112.78	11.49
		<i>For 316 Stainless Steel, Add</i>	13.46	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.41	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	16.82	
23 51 16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	135.73	13.21
		<i>For 316 Stainless Steel, Add</i>	16.42	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	10.27	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	20.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0179 LF 10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	150.76	14.28
<i>For 316 Stainless Steel, Add</i>	18.40	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	11.50	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	23.00	
23 51 16 00-0180 LF 12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	170.12	15.57
<i>For 316 Stainless Steel, Add</i>	20.97	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	13.11	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	26.22	
23 51 16 00-0181 LF 14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	191.80	16.32
<i>For 316 Stainless Steel, Add</i>	24.14	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	15.09	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	30.18	
23 51 16 00-0182 LF 16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	202.56	17.18
<i>For 316 Stainless Steel, Add</i>	25.53	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	15.95	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	31.91	
23 51 16 00-0183 LF 18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	224.59	18.15
<i>For 316 Stainless Steel, Add</i>	28.69	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	17.93	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	35.87	
23 51 16 00-0184 LF 20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	276.92	28.66
<i>For 316 Stainless Steel, Add</i>	32.85	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	20.53	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	41.06	
23 51 16 00-0185 LF 24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	345.21	32.21
<i>For 316 Stainless Steel, Add</i>	42.35	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	26.47	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	52.93	
23 51 16 00-0186 LF 28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	390.10	34.36
<i>For 316 Stainless Steel, Add</i>	48.68	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	30.42	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	60.85	
23 51 16 00-0187 LF 32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	436.68	38.12
<i>For 316 Stainless Steel, Add</i>	54.61	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	34.13	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	68.27	
23 51 16 00-0188 LF 36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	486.34	41.23
<i>For 316 Stainless Steel, Add</i>	61.34	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	38.34	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	76.68	
23 51 16 00-0189 LF 42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	555.20	46.92
<i>For 316 Stainless Steel, Add</i>	70.05	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	43.78	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	87.56	
23 51 16 00-0190 LF 48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	650.31	54.33
<i>For 316 Stainless Steel, Add</i>	82.32	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	51.45	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	102.90	
<b>23 51 16 00-0191 90 Degree Elbows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0192 EA 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	536.67	23.73
<i>For 316 Stainless Steel, Add</i>	95.48	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.74	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	95.48	
23 51 16 00-0193 EA 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	592.87	26.42
<i>For 316 Stainless Steel, Add</i>	105.37	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	52.69	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	105.37	
23 51 16 00-0194 EA 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	675.19	28.66
<i>For 316 Stainless Steel, Add</i>	120.71	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	60.35	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	120.71	
23 51 16 00-0195 EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	763.21	31.24
<i>For 316 Stainless Steel, Add</i>	137.03	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	68.52	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	137.03	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0196	EA		14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	885.71	32.75
			<i>For 316 Stainless Steel, Add</i> .....	160.78	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	80.39	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	160.78	
23 51 16 00-0197	EA		16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	976.33	34.36
			<i>For 316 Stainless Steel, Add</i> .....	178.09	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	89.05	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	178.09	
23 51 16 00-0198	EA		20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,129.26	36.18
			<i>For 316 Stainless Steel, Add</i> .....	207.77	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	103.89	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	207.77	
23 51 16 00-0199	EA		20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,305.70	57.23
			<i>For 316 Stainless Steel, Add</i> .....	232.51	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	116.25	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	232.51	
23 51 16 00-0200	EA		24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,608.04	64.42
			<i>For 316 Stainless Steel, Add</i> .....	289.40	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	144.70	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	289.40	
23 51 16 00-0201	EA		28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,952.70	68.71
			<i>For 316 Stainless Steel, Add</i> .....	356.18	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	178.09	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	356.18	
23 51 16 00-0202	EA		32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,583.26	73.55
			<i>For 316 Stainless Steel, Add</i> .....	479.85	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	239.93	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	479.85	
23 51 16 00-0203	EA		36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,935.56	85.89
			<i>For 316 Stainless Steel, Add</i> .....	544.16	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	272.08	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	544.16	
23 51 16 00-0204	EA		42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	4,315.43	93.73
			<i>For 316 Stainless Steel, Add</i> .....	816.24	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	408.12	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	816.24	
23 51 16 00-0205	EA		48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	5,390.13	103.08
			<i>For 316 Stainless Steel, Add</i> .....	1,026.49	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	513.24	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	1,026.49	
<b>23 51 16 00-0206</b>			<b>45 Degree Elbows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0207	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	356.52	22.87
			<i>For 316 Stainless Steel, Add</i> .....	59.86	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	29.93	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	59.86	
23 51 16 00-0208	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	407.36	26.42
			<i>For 316 Stainless Steel, Add</i> .....	68.27	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	34.13	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	68.27	
23 51 16 00-0209	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	452.54	28.66
			<i>For 316 Stainless Steel, Add</i> .....	76.18	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	38.09	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	76.18	
23 51 16 00-0210	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	515.87	31.24
			<i>For 316 Stainless Steel, Add</i> .....	87.56	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	43.78	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	87.56	
23 51 16 00-0211	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	581.46	32.75
			<i>For 316 Stainless Steel, Add</i> .....	99.93	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	49.96	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	99.93	
23 51 16 00-0212	EA		16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	652.30	34.36
			<i>For 316 Stainless Steel, Add</i> .....	113.28	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> .....	56.64	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> .....	113.28	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0213 EA 18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	731.03	36.18
<i>For 316 Stainless Steel, Add</i>	128.13	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	64.06	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	128.13	
23 51 16 00-0214 EA 20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	875.33	57.23
<i>For 316 Stainless Steel, Add</i>	146.43	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	73.22	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	146.43	
23 51 16 00-0215 EA 24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,100.99	64.42
<i>For 316 Stainless Steel, Add</i>	187.98	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	93.99	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	187.98	
23 51 16 00-0216 EA 28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,235.39	68.71
<i>For 316 Stainless Steel, Add</i>	212.72	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	106.36	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	212.72	
23 51 16 00-0217 EA 32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,606.24	73.55
<i>For 316 Stainless Steel, Add</i>	284.45	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	142.22	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	284.45	
23 51 16 00-0218 EA 36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,131.69	85.89
<i>For 316 Stainless Steel, Add</i>	383.39	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	191.69	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	383.39	
23 51 16 00-0219 EA 42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,831.35	93.73
<i>For 316 Stainless Steel, Add</i>	519.43	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	259.71	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	519.43	
23 51 16 00-0220 EA 48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	3,782.40	103.08
<i>For 316 Stainless Steel, Add</i>	704.94	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	352.47	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	704.94	
<b>23 51 16 00-0221 Tees</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0222 EA 6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	385.79	28.66
<i>For 316 Stainless Steel, Add</i>	69.11	
<i>For Tee Cap, Add</i>	87.91	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	31.41	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	62.83	
23 51 16 00-0223 EA 8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	439.19	31.24
<i>For 316 Stainless Steel, Add</i>	79.45	
<i>For Tee Cap, Add</i>	99.55	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	36.11	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	72.23	
23 51 16 00-0224 EA 10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	504.76	32.75
<i>For 316 Stainless Steel, Add</i>	93.05	
<i>For Tee Cap, Add</i>	113.22	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	42.30	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	84.59	
23 51 16 00-0225 EA 12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	580.56	34.36
<i>For 316 Stainless Steel, Add</i>	108.83	
<i>For Tee Cap, Add</i>	128.99	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	49.47	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	98.94	
23 51 16 00-0226 EA 14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	679.18	38.23
<i>For 316 Stainless Steel, Add</i>	128.42	
<i>For Tee Cap, Add</i>	150.15	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	58.37	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	116.75	
23 51 16 00-0227 EA 16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	762.77	42.95
<i>For 316 Stainless Steel, Add</i>	144.20	
<i>For Tee Cap, Add</i>	168.65	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	65.55	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	131.09	
23 51 16 00-0228 EA 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	889.38	49.07
<i>For 316 Stainless Steel, Add</i>	168.69	
<i>For Tee Cap, Add</i>	196.27	
<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	76.68	
<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	153.35	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0229	EA	20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,017.28	60.66
		<i>For 316 Stainless Steel, Add</i>	190.46	
		<i>For Tee Cap, Add</i>	226.19	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	86.57	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	173.14	
23 51 16 00-0230	EA	24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,290.71	85.89
		<i>For 316 Stainless Steel, Add</i>	236.71	
		<i>For Tee Cap, Add</i>	290.35	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	107.60	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	215.19	
23 51 16 00-0231	EA	28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,569.88	93.73
		<i>For 316 Stainless Steel, Add</i>	293.85	
		<i>For Tee Cap, Add</i>	349.11	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	133.57	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	267.13	
23 51 16 00-0232	EA	32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	2,088.05	103.08
		<i>For 316 Stainless Steel, Add</i>	402.68	
		<i>For Tee Cap, Add</i>	456.26	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	183.04	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	366.07	
23 51 16 00-0233	EA	36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	2,327.08	114.57
		<i>For 316 Stainless Steel, Add</i>	448.93	
		<i>For Tee Cap, Add</i>	508.39	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	204.06	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	408.12	
23 51 16 00-0234	EA	42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	3,706.83	171.80
		<i>For 316 Stainless Steel, Add</i>	721.01	
		<i>For Tee Cap, Add</i>	805.79	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	327.73	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	655.47	
23 51 16 00-0235	EA	48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	4,658.48	206.15
		<i>For 316 Stainless Steel, Add</i>	911.47	
		<i>For Tee Cap, Add</i>	1,009.01	
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	414.31	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	828.61	
23 51 16 00-0236		<b>Bellows</b> <small>(23 51 16 00-0175)</small>		
23 51 16 00-0237	EA	6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	734.96	22.87
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	67.77	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	135.55	
23 51 16 00-0238	EA	8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	800.64	26.42
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	73.46	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	146.92	
23 51 16 00-0239	EA	10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	875.54	28.66
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	80.39	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	160.78	
23 51 16 00-0240	EA	12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	968.51	31.24
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	89.05	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	178.09	
23 51 16 00-0241	EA	14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,083.57	32.75
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	100.18	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	200.35	
23 51 16 00-0242	EA	16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,198.94	34.36
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	111.31	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	222.61	
23 51 16 00-0243	EA	18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,339.50	36.18
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	124.91	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	249.82	
23 51 16 00-0244	EA	20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,553.03	57.23
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	140.99	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	281.98	
23 51 16 00-0245	EA	24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	1,917.24	64.42
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	175.62	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	351.23	
23 51 16 00-0246	EA	28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	2,150.59	68.71
		<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	197.88	
		<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	395.75	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
23 51 16 00-0247 EA 32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,459.70	73.66
For 2" Insulated Wall Instead Of 1" Thickness, Add	227.56	
For 3" Insulated Wall Instead Of 1" Thickness, Add	455.12	
23 51 16 00-0248 EA 36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,811.90	85.89
For 2" Insulated Wall Instead Of 1" Thickness, Add	259.71	
For 3" Insulated Wall Instead Of 1" Thickness, Add	519.43	
23 51 16 00-0249 EA 42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	3,573.41	93.73
For 2" Insulated Wall Instead Of 1" Thickness, Add	333.92	
For 3" Insulated Wall Instead Of 1" Thickness, Add	667.84	
23 51 16 00-0250 EA 48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	4,338.93	103.08
For 2" Insulated Wall Instead Of 1" Thickness, Add	408.12	
For 3" Insulated Wall Instead Of 1" Thickness, Add	816.24	
<b>23 51 16 00-0251 Ventilated Roof Thimbles (23 51 16 00-0175)</b>		
23 51 16 00-0252 EA 6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	486.56	26.42
For 316 Stainless Steel, Add	42.05	
23 51 16 00-0253 EA 8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	528.24	31.24
For 316 Stainless Steel, Add	45.02	
23 51 16 00-0254 EA 10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	578.08	34.36
For 316 Stainless Steel, Add	49.22	
23 51 16 00-0255 EA 12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	624.82	38.23
For 316 Stainless Steel, Add	52.93	
23 51 16 00-0256 EA 14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	796.12	40.48
For 316 Stainless Steel, Add	69.50	
23 51 16 00-0257 EA 16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	710.88	42.95
For 316 Stainless Steel, Add	60.35	
23 51 16 00-0258 EA 18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	765.10	45.84
For 316 Stainless Steel, Add	65.05	
23 51 16 00-0259 EA 20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	858.60	64.42
For 316 Stainless Steel, Add	69.75	
23 51 16 00-0260 EA 24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	963.01	73.55
For 316 Stainless Steel, Add	77.91	
23 51 16 00-0261 EA 28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,100.92	79.24
For 316 Stainless Steel, Add	90.28	
23 51 16 00-0262 EA 32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,228.73	85.79
For 316 Stainless Steel, Add	101.41	
23 51 16 00-0263 EA 36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,370.60	102.97
For 316 Stainless Steel, Add	111.31	
23 51 16 00-0264 EA 42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,757.91	114.46
For 316 Stainless Steel, Add	147.17	
23 51 16 00-0265 EA 48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,177.00	128.74
For 316 Stainless Steel, Add	185.51	
<b>23 51 16 00-0266 Exit Cones (23 51 16 00-0175)</b>		
23 51 16 00-0267 EA 6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	336.68	14.92
23 51 16 00-0268 EA 8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	355.05	16.32
23 51 16 00-0269 EA 10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	381.80	17.18
23 51 16 00-0270 EA 12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	398.92	18.04
23 51 16 00-0271 EA 14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	439.70	18.58
23 51 16 00-0272 EA 16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	480.49	19.00
23 51 16 00-0273 EA 18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	583.32	19.65
23 51 16 00-0274 EA 20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	727.73	36.83
23 51 16 00-0275 EA 24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	915.33	39.62
23 51 16 00-0276 EA 28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,092.48	41.23



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 51 16 00-0277	EA	32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,344.11		42.95
23 51 16 00-0278	EA	36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,527.05		46.92
23 51 16 00-0279	EA	42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,928.38		49.07
23 51 16 00-0280	EA	48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,466.29		51.54
<b>23 51 16 00-0281</b>		<b>Vent Top Caps</b> <small>(23 51 16 00-0175)</small>			
23 51 16 00-0282	EA	6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	368.74		14.92
23 51 16 00-0283	EA	8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	426.78		16.32
23 51 16 00-0284	EA	10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	495.55		17.18
23 51 16 00-0285	EA	12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	569.55		18.04
23 51 16 00-0286	EA	14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	664.74		18.58
23 51 16 00-0287	EA	16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	755.11		19.11
23 51 16 00-0288	EA	18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	840.59		19.65
23 51 16 00-0289	EA	20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,007.13		36.83
23 51 16 00-0290	EA	24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,199.78		39.62
23 51 16 00-0291	EA	28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,302.65		41.23
23 51 16 00-0292	EA	32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,480.08		42.95
23 51 16 00-0293	EA	36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,724.80		46.81
23 51 16 00-0294	EA	42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,101.44		49.07
23 51 16 00-0295	EA	48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,441.47		51.54
<b>23 51 16 00-0296</b>		<b>Roof Support Assemblies</b> <small>(23 51 16 00-0175)</small>			
23 51 16 00-0297	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	555.90		27.49
		<i>For 316 Stainless Steel, Add</i> .....	97.45		
23 51 16 00-0298	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	613.62		32.75
		<i>For 316 Stainless Steel, Add</i> .....	106.36		
23 51 16 00-0299	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	674.09		36.18
		<i>For 316 Stainless Steel, Add</i> .....	116.75		
23 51 16 00-0300	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	719.36		40.37
		<i>For 316 Stainless Steel, Add</i> .....	123.67		
23 51 16 00-0301	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	802.40		42.95
		<i>For 316 Stainless Steel, Add</i> .....	139.01		
23 51 16 00-0302	EA	16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	851.64		45.84
		<i>For 316 Stainless Steel, Add</i> .....	147.42		
23 51 16 00-0303	EA	18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	914.33		49.18
		<i>For 316 Stainless Steel, Add</i> .....	158.30		
23 51 16 00-0304	EA	20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,012.78		68.71
		<i>For 316 Stainless Steel, Add</i> .....	168.20		
23 51 16 00-0305	EA	24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,138.17		79.34
		<i>For 316 Stainless Steel, Add</i> .....	187.98		
23 51 16 00-0306	EA	28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,315.44		85.89
		<i>For 316 Stainless Steel, Add</i> .....	220.14		
23 51 16 00-0307	EA	32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,569.90		93.73
		<i>For 316 Stainless Steel, Add</i> .....	267.13		
23 51 16 00-0308	EA	36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	1,820.02		114.57
		<i>For 316 Stainless Steel, Add</i> .....	306.71		
23 51 16 00-0309	EA	42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	2,721.35		128.84
		<i>For 316 Stainless Steel, Add</i> .....	479.85		
23 51 16 00-0310	EA	48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket .....	3,334.37		146.46
		<i>For 316 Stainless Steel, Add</i> .....	593.63		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 51 16 00-0311			<b>Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings</b> (23 51 16) Note: With 1" insulation.		
	23 51 16 00-0312			<b>Round Stainless Steel Double Wall Flue/Vent Pipe</b> (23 51 16 00-0311) Note: With 1" insulation.		
	23 51 16 00-0313	LF		6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 97.94 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 6.93 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 13.85		11.49
	23 51 16 00-0314	LF		7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 119.74 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 8.90 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 17.81		12.24
	23 51 16 00-0315	LF		8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 136.97 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 10.39 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 20.78		13.21
	23 51 16 00-0316	LF		10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 186.58 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 15.09 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 30.18		14.28
	23 51 16 00-0317	LF		12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 241.90 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 20.28 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 40.56		15.68
	23 51 16 00-0318	LF		14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe ..... 308.14 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 26.71 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 53.43		16.42
	23 51 16 00-0319			<b>90 Degree Elbows</b> (23 51 16 00-0311)		
	23 51 16 00-0320	EA		6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 211.86 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 15.46 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 30.92		22.87
	23 51 16 00-0321	EA		7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 234.44 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 17.31 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 34.63		24.48
	23 51 16 00-0322	EA		8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 263.94 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 19.79 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 39.58		26.42
	23 51 16 00-0323	EA		10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 328.87 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 25.72 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 51.45		28.66
	23 51 16 00-0324	EA		12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 392.21 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 31.41 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 62.83		31.24
	23 51 16 00-0325	EA		14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 457.74 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 37.60 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 75.19		32.75
	23 51 16 00-0326			<b>45 Degree Elbows</b> (23 51 16 00-0311)		
	23 51 16 00-0327	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 173.22 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 11.59 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 23.19		22.87
	23 51 16 00-0328	EA		7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 191.16 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 12.99 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 25.97		24.48
	23 51 16 00-0329	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 214.48 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 14.84 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 29.68		26.42
	23 51 16 00-0330	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 264.55 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 19.29 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 38.59		28.66
	23 51 16 00-0331	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 313.65 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 23.56 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 47.12		31.24
	23 51 16 00-0332	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe ..... 363.80 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 28.20 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 56.40		32.75
	23 51 16 00-0333			<b>Tees With Tee Caps</b> (23 51 16 00-0311)		
	23 51 16 00-0334	EA		6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... 349.09 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 29.19 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 58.37		22.87
	23 51 16 00-0335	EA		7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... 442.22 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 38.09 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 76.18		24.48
	23 51 16 00-0336	EA		8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... 496.41 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 43.04 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 86.08		26.42
	23 51 16 00-0337	EA		10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... 677.55 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 60.60 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 121.20		28.66
	23 51 16 00-0338	EA		12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... 931.38 <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> 85.34 <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> 170.67		31.24

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 51 16 00-0339	EA	14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe ..... <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	1,194.80 111.31 222.61		32.75
<b>23 51 16 00-0340</b>		<b>Joist Shields</b> (23 51 16 00-0311)			
23 51 16 00-0341	EA	6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	146.27		22.87
23 51 16 00-0342	EA	7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	157.78		24.48
23 51 16 00-0343	EA	8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	184.76		26.42
23 51 16 00-0344	EA	10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	231.20		28.66
23 51 16 00-0345	EA	12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	277.17		31.24
23 51 16 00-0346	EA	14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe .....	329.12		32.75
<b>23 51 16 00-0347</b>		<b>Adjustable Roof Flashing</b> (23 51 16 00-0311)			
23 51 16 00-0348	EA	6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	174.72		22.87
23 51 16 00-0349	EA	7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	194.87		24.48
23 51 16 00-0350	EA	8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	211.95		26.42
23 51 16 00-0351	EA	10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	258.39		28.66
23 51 16 00-0352	EA	12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	319.29		31.24
23 51 16 00-0353	EA	14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe .....	383.49		32.64
<b>23 51 16 00-0354</b>		<b>Vent Top Caps</b> (23 51 16 00-0311)			
23 51 16 00-0355	EA	6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	156.17		22.87
23 51 16 00-0356	EA	7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	196.10		24.48
23 51 16 00-0357	EA	8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	246.59		26.42
23 51 16 00-0358	EA	10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	395.69		28.66
23 51 16 00-0359	EA	12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	540.66		31.24
23 51 16 00-0360	EA	14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe .....	690.26		32.75
<b>23 51 16 00-0361</b>		<b>Roof Support Assemblies</b> (23 51 16 00-0311)			
23 51 16 00-0362	EA	6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	234.00		22.87
23 51 16 00-0363	EA	7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	260.41		24.48
23 51 16 00-0364	EA	8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	282.44		26.42
23 51 16 00-0365	EA	10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	356.02		28.66
23 51 16 00-0366	EA	12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	421.88		31.24
23 51 16 00-0367	EA	14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe .....	517.12		32.75
<b>23 51 16 00-0368</b>		<b>Polyvinyl Chloride (PVC) Flue/Vent Accessories</b> (23 51 16)			
<b>23 51 16 00-0369</b>		<b>Concentric Polyvinyl Chloride (PVC) Vent Termination</b> (23 51 16 00-0368)			
23 51 16 00-0370	EA	2" Concentric Polyvinyl Chloride (PVC) Vent Termination .....	238.40		43.72
23 51 16 00-0371	EA	3" Concentric Polyvinyl Chloride (PVC) Vent Termination .....	259.98		43.72
<b>23 51 16 00-0372</b>		<b>Polypropylene (PP) Flue/Vent Pipe And Fittings</b> (23 51 16)			
<b>23 51 16 00-0373</b>		<b>Polypropylene Flue/Vent Rigid Pipe Sections</b> (23 51 16 00-0372)			
		Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.			
23 51 16 00-0374	EA	2" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	41.75		13.28
23 51 16 00-0375	EA	2" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	48.01		13.98
23 51 16 00-0376	EA	2" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	55.25		15.54
23 51 16 00-0377	EA	2" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	69.09		18.28
23 51 16 00-0378	EA	3" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	50.54		15.22
23 51 16 00-0379	EA	3" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	62.14		16.03
23 51 16 00-0380	EA	3" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	77.14		17.81
23 51 16 00-0381	EA	3" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	95.92		20.95
23 51 16 00-0382	EA	4" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	85.97		20.14
23 51 16 00-0383	EA	4" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	102.78		21.20
23 51 16 00-0384	EA	4" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	129.18		23.56
23 51 16 00-0385	EA	4" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	168.73		27.72
23 51 16 00-0386	EA	5" x 12" Polypropylene Flue/Vent Rigid Pipe Section .....	127.60		29.73
23 51 16 00-0387	EA	5" x 24" Polypropylene Flue/Vent Rigid Pipe Section .....	147.22		31.28
23 51 16 00-0388	EA	5" x 36" Polypropylene Flue/Vent Rigid Pipe Section .....	194.29		34.77
23 51 16 00-0389	EA	5" x 72" Polypropylene Flue/Vent Rigid Pipe Section .....	254.63		40.91
<b>23 51 16 00-0390</b>		<b>Polypropylene Flue/Vent Elbows</b> (23 51 16 00-0372)			
		Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.			
23 51 16 00-0391	EA	2" Polypropylene Flue/Vent 15 Degree Elbow .....	51.74		16.14
23 51 16 00-0392	EA	3" Polypropylene Flue/Vent 15 Degree Elbow .....	61.44		16.99
23 51 16 00-0393	EA	4" Polypropylene Flue/Vent 15 Degree Elbow .....	78.45		17.61
23 51 16 00-0394	EA	5" Polypropylene Flue/Vent 15 Degree Elbow .....	92.12		18.33
23 51 16 00-0395	EA	2" Polypropylene Flue/Vent 30 Degree Elbow .....	51.74		16.14
23 51 16 00-0396	EA	3" Polypropylene Flue/Vent 30 Degree Elbow .....	61.44		16.99
23 51 16 00-0397	EA	4" Polypropylene Flue/Vent 30 Degree Elbow .....	78.45		17.61
23 51 16 00-0398	EA	5" Polypropylene Flue/Vent 30 Degree Elbow .....	92.12		18.33



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0399 EA 2" Polypropylene Flue/Vent 45 Degree Elbow .....	51.74	16.14
23 51 16 00-0400 EA 3" Polypropylene Flue/Vent 45 Degree Elbow .....	61.44	16.99
23 51 16 00-0401 EA 4" Polypropylene Flue/Vent 45 Degree Elbow .....	78.45	17.61
23 51 16 00-0402 EA 5" Polypropylene Flue/Vent 45 Degree Elbow .....	92.12	18.33
23 51 16 00-0403 EA 2" Polypropylene Flue/Vent 87 Degree Elbow .....	51.74	16.14
23 51 16 00-0404 EA 3" Polypropylene Flue/Vent 87 Degree Elbow .....	61.44	16.99
23 51 16 00-0405 EA 4" Polypropylene Flue/Vent 87 Degree Elbow .....	77.38	17.61
23 51 16 00-0406 EA 5" Polypropylene Flue/Vent 87 Degree Elbow .....	94.76	18.33
<b>23 51 16 00-0407 Polypropylene Flue/Vent Tees (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408 EA 2" Polypropylene Flue/Vent Tee .....	173.27	24.21
23 51 16 00-0409 EA 3" Polypropylene Flue/Vent Tee .....	220.05	25.49
23 51 16 00-0410 EA 4" Polypropylene Flue/Vent Tee .....	259.89	26.42
23 51 16 00-0411 EA 5" Polypropylene Flue/Vent Tee .....	285.02	27.49
<b>23 51 16 00-0412 Polypropylene Flue/Vent Adaptors (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0413 EA 2" Polypropylene Flue/Vent Adaptor With Gasket .....	62.18	16.14
23 51 16 00-0414 EA 3" Polypropylene Flue/Vent Adaptor With Gasket .....	91.84	16.99
23 51 16 00-0415 EA 4" Polypropylene Flue/Vent Adaptor With Gasket .....	107.89	17.61
23 51 16 00-0416 EA 5" Polypropylene Flue/Vent Adaptor With Gasket .....	149.66	18.33
<b>23 51 16 00-0417 Polypropylene Flue/Vent Increases (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0418 EA 2" to 3" Polypropylene Flue/Vent Centric Increaser .....	69.49	16.56
23 51 16 00-0419 EA 3" to 4" Polypropylene Flue/Vent Centric Increaser .....	76.49	17.30
23 51 16 00-0420 EA 4" to 5" Polypropylene Flue/Vent Centric Increaser .....	143.43	17.96
23 51 16 00-0421 EA 2" to 3" Polypropylene Flue/Vent Eccentric Increaser .....	96.29	16.56
23 51 16 00-0422 EA 3" to 4" Polypropylene Flue/Vent Eccentric Increaser .....	74.30	17.30
23 51 16 00-0423 EA 4" to 5" Polypropylene Flue/Vent Eccentric Increaser .....	200.66	17.96
<b>23 51 16 00-0424 Polypropylene Flue/Vent Reducers (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0425 EA 3" to 2" Polypropylene Flue/Vent Reducer .....	69.49	16.56
23 51 16 00-0426 EA 4" to 3" Polypropylene Flue/Vent Reducer .....	76.49	17.30
23 51 16 00-0427 EA 5" to 4" Polypropylene Flue/Vent Reducer .....	179.11	17.96
<b>23 51 16 00-0428 Polypropylene Flue/Vent Test Ports (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0429 EA 2" Polypropylene Flue/Vent Test Port .....	86.73	24.21
23 51 16 00-0430 EA 3" Polypropylene Flue/Vent Test Port .....	98.03	25.49
23 51 16 00-0431 EA 4" Polypropylene Flue/Vent Test Port .....	155.65	26.42
23 51 16 00-0432 EA 5" Polypropylene Flue/Vent Test Port .....	166.50	27.49
<b>23 51 16 00-0433 Polypropylene Flue/Vent Cascade Components (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0434 EA 4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder .....	264.70	26.42
23 51 16 00-0435 EA 4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder .....	347.35	33.02
23 51 16 00-0436 EA 5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder .....	215.15	27.49
23 51 16 00-0437 EA 5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder .....	321.54	34.36
23 51 16 00-0438 EA 3" to 4" Polypropylene Flue/Vent Non-Return Valve .....	345.15	17.30
23 51 16 00-0439 EA 4" to 4" Polypropylene Flue/Vent Non-Return Valve .....	400.51	17.96
<b>23 51 16 00-0440 Polypropylene Flue/Vent Condensate Management (23 51 16 00-0372)</b>		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0441 EA 2" Polypropylene Flue/Vent Horizontal Drain Tee .....	122.90	24.21
23 51 16 00-0442 EA 3" Polypropylene Flue/Vent Horizontal Drain Tee .....	150.21	25.49
23 51 16 00-0443 EA 4" Polypropylene Flue/Vent Horizontal Drain Tee .....	173.28	26.42
23 51 16 00-0444 EA 5" Polypropylene Flue/Vent Horizontal Drain Tee .....	198.88	27.49
23 51 16 00-0445 EA 4" Polypropylene Flue/Vent Horizontal Drain Fittings .....	222.23	26.42
23 51 16 00-0446 EA 5" Polypropylene Flue/Vent Horizontal Drain Fittings .....	245.72	27.49
23 51 16 00-0447 EA 2" Polypropylene Flue/Vent Tee Cap .....	73.43	8.07
23 51 16 00-0448 EA 3" Polypropylene Flue/Vent Tee Cap .....	95.09	8.49
23 51 16 00-0449 EA 4" Polypropylene Flue/Vent Tee Cap .....	113.59	8.81
23 51 16 00-0450 EA 5" Polypropylene Flue/Vent Tee Cap .....	149.37	9.16
23 51 16 00-0451 EA 2" Polypropylene Flue/Vent Tee Cap With Drain .....	138.56	24.21
23 51 16 00-0452 EA 3" Polypropylene Flue/Vent Tee Cap With Drain .....	171.92	25.49
23 51 16 00-0453 EA 4" Polypropylene Flue/Vent Tee Cap With Drain .....	200.21	26.42
23 51 16 00-0454 EA 5" Polypropylene Flue/Vent Tee Cap With Drain .....	243.14	27.49
<b>23 51 16 00-0455 Polypropylene Flue/Vent Terminations (23 51 16 00-0372)</b>		
23 51 16 00-0456 EA 2" Polypropylene-UV Black Flue/Vent Chimney Cover .....	186.87	16.14

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 51 16 00-0457	EA	3" Polypropylene-UV Black Flue/Vent Chimney Cover	163.64	16.99
23 51 16 00-0458	EA	4" Polypropylene-UV Black Flue/Vent Chimney Cover	206.39	17.61
23 51 16 00-0459	EA	3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	429.98	16.99
23 51 16 00-0460	EA	4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	459.35	17.61
23 51 16 00-0461	EA	5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	537.20	18.33
23 51 16 00-0462	EA	2 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	107.44	16.14
23 51 16 00-0463	EA	2 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	114.15	16.14
23 51 16 00-0464	EA	2 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	120.86	16.14
23 51 16 00-0465	EA	2 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	127.57	16.14
23 51 16 00-0466	EA	3 1/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	116.28	16.99
23 51 16 00-0467	EA	3 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	122.99	16.99
23 51 16 00-0468	EA	3 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	129.70	16.99
23 51 16 00-0469	EA	3 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	136.41	16.99
23 51 16 00-0470	EA	4 1/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	131.24	17.61
23 51 16 00-0471	EA	4 1/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	137.95	17.61
23 51 16 00-0472	EA	4 1/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	144.65	17.61
23 51 16 00-0473	EA	2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	114.08	16.14
23 51 16 00-0474	EA	3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	147.81	16.99
23 51 16 00-0475	EA	2" Polypropylene-UV Black Flue/Vent Termination Tee	130.17	24.21
23 51 16 00-0476	EA	3" Polypropylene-UV Black Flue/Vent Termination Tee	174.28	25.49
23 51 16 00-0477	EA	4" Polypropylene-UV Black Flue/Vent Termination Tee	207.71	26.42
23 51 16 00-0478	EA	5" Polypropylene-UV Black Flue/Vent Termination Tee	229.56	27.49
23 51 16 00-0479	EA	2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	43.93	13.98
23 51 16 00-0480	EA	2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	53.10	15.54
23 51 16 00-0481	EA	3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	53.21	16.03
23 51 16 00-0482	EA	3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	67.48	17.81
23 51 16 00-0483	EA	4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	81.67	21.20
23 51 16 00-0484	EA	5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	111.81	31.28
23 51 16 00-0485	EA	5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	136.94	34.77
23 51 16 00-0486	EA	2" x 24" Polypropylene-UV Black Flue/Vent Length	49.31	13.98
23 51 16 00-0487	EA	3" x 24" Polypropylene-UV Black Flue/Vent Length	64.36	16.03
23 51 16 00-0488	EA	4" x 24" Polypropylene-UV Black Flue/Vent Length	107.76	21.20
23 51 16 00-0489	EA	2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	53.88	16.14
23 51 16 00-0490	EA	3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	64.12	16.99
23 51 16 00-0491	EA	4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	81.89	17.61
23 51 16 00-0492	EA	2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	52.87	16.14
23 51 16 00-0493	EA	3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	63.45	16.99
23 51 16 00-0494	EA	4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	80.70	17.61
23 51 16 00-0495	EA	2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	35.64	8.07
23 51 16 00-0496	EA	3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	41.97	8.49
23 51 16 00-0497	EA	4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	47.37	8.81
23 51 16 00-0498	EA	3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	96.94	8.49
23 51 16 00-0499	EA	5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	111.68	9.16

**23 51 16 00-0500 Polypropylene Flue/Vent Accessories (23 51 16 00-0372)**

23 51 16 00-0501	EA	2" Spacer For Polypropylene Flue/Vent	18.20	4.04
23 51 16 00-0502	EA	3" Spacer For Polypropylene Flue/Vent	17.14	4.25
23 51 16 00-0503	EA	4" Spacer For Polypropylene Flue/Vent	17.64	4.40
23 51 16 00-0504	EA	5" Spacer For Polypropylene Flue/Vent	29.01	4.58
23 51 16 00-0505	EA	2" Flue Clamp For Polypropylene Flue/Vent	35.14	6.06
23 51 16 00-0506	EA	3" Flue Clamp For Polypropylene Flue/Vent	41.64	6.37
23 51 16 00-0507	EA	4" Flue Clamp For Polypropylene Flue/Vent	48.70	6.60
23 51 16 00-0508	EA	2" Support Clamp For Polypropylene Flue/Vent	33.27	6.06
23 51 16 00-0509	EA	4" Support Clamp For Polypropylene Flue/Vent	32.91	6.60
23 51 16 00-0510	EA	5" Support Clamp For Polypropylene Flue/Vent	40.69	6.87
23 51 16 00-0511	EA	3" Plastic Support Clamp For Polypropylene Flue/Vent	24.52	6.37
23 51 16 00-0512	EA	2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	47.11	16.14
23 51 16 00-0513	EA	3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	52.34	16.99
23 51 16 00-0514	EA	4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	56.70	17.61
23 51 16 00-0515	EA	5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	63.99	18.33
23 51 16 00-0516	EA	2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.31	
23 51 16 00-0517	EA	3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.82	
23 51 16 00-0518	EA	4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.52	
23 51 16 00-0519	EA	5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.77	
23 51 16 00-0520	EA	2" Connector Ring For Polypropylene Flue/Vent	14.72	4.04
23 51 16 00-0521	EA	3" Connector Ring For Polypropylene Flue/Vent	16.82	4.25
23 51 16 00-0522	EA	4" Connector Ring For Polypropylene Flue/Vent	18.19	4.40
23 51 16 00-0523	EA	5" Connector Ring For Polypropylene Flue/Vent	20.26	4.58
23 51 16 00-0524	EA	2 1/4" Polypropylene Flue/Vent Air Intake, White	80.15	8.07
23 51 16 00-0525	EA	3 1/5" Polypropylene Flue/Vent Air Intake, White	82.06	8.49
23 51 16 00-0526	EA	4 1/6" Polypropylene Flue/Vent Air Intake, White	59.69	8.81
23 51 16 00-0527	EA	2" Base Support For Polypropylene Flue/Vent	70.18	6.06
23 51 16 00-0528	EA	3" Base Support For Polypropylene Flue/Vent	72.31	6.37
23 51 16 00-0529	EA	4" Base Support For Polypropylene Flue/Vent	98.09	6.60
23 51 16 00-0530	EA	5" Base Support For Polypropylene Flue/Vent	168.47	6.87

**23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)**

23 51 16 00-0532	LF	2", Up To 50', Polypropylene Flue/Vent Flex Pipe	12.50	1.42
23 51 16 00-0533	LF	2", > 50', Polypropylene Flue/Vent Flex Pipe	10.72	1.42





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0534 LF 3", Up To 50', Polypropylene Flue/Vent Flex Pipe .....	15.39	1.67
23 51 16 00-0535 LF 3", > 50', Polypropylene Flue/Vent Flex Pipe .....	13.15	1.67
23 51 16 00-0536 LF 4", Up To 50', Polypropylene Flue/Vent Flex Pipe .....	22.39	2.07
23 51 16 00-0537 LF 4", > 50', Polypropylene Flue/Vent Flex Pipe .....	18.94	2.07
<b>23 51 16 00-0538 Polypropylene Flue/Vent Couplers</b> <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0539 EA 2" Polypropylene Flue/Vent Coupler, Single Wall to Flex .....	84.80	16.14
23 51 16 00-0540 EA 2" Polypropylene Flue/Vent Coupler, Flex to Single Wall .....	96.01	16.14
23 51 16 00-0541 EA 3" Polypropylene Flue/Vent Coupler, Flex to Single Wall .....	203.83	16.99
23 51 16 00-0542 EA 4" Polypropylene Flue/Vent Coupler, Flex to Single Wall .....	379.47	17.61
23 51 16 00-0543 EA 2" Polypropylene Flue/Vent Coupler, Flex to Flex .....	99.31	16.14
23 51 16 00-0544 EA 3" Polypropylene Flue/Vent Coupler, Flex to Flex .....	244.76	16.99
23 51 16 00-0545 EA 4" Polypropylene Flue/Vent Coupler, Flex to Flex .....	647.83	17.61
<b>23 51 16 00-0546 Polypropylene Flue/Vent Flex End Terminations</b> <small>(23 51 16 00-0372)</small>		
23 51 16 00-0547 EA 2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination .....	114.18	16.14
23 51 16 00-0548 EA 3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination .....	104.39	16.99
23 51 16 00-0549 EA 4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination .....	130.87	17.61
<b>23 51 16 00-0550 Aluminum Flue/Vent Fittings</b> <small>(23 51 16)</small>		
<b>23 51 16 00-0551 Aluminum Vent Top Caps</b> <small>(23 51 16 00-0550)</small>		
23 51 16 00-0552 EA 3" Aluminum Vent Cap (Star-Kap® 3-SK) .....	109.27	16.00
23 51 16 00-0553 EA 4" Aluminum Vent Cap (Star-Kap® 4-SK) .....	116.36	15.68
23 51 16 00-0554 EA 5" Aluminum Vent Cap (Star-Kap® 5-SK) .....	126.49	16.42
23 51 16 00-0555 EA 6" Aluminum Vent Cap (Star-Kap® 6-SK) .....	179.83	17.18
23 51 16 00-0556 EA 8" Aluminum Vent Cap (Star-Kap® 8-SK) .....	201.22	19.11
23 51 16 00-0557 EA 10" Aluminum Vent Cap (Star-Kap® 10-SK) .....	594.57	20.18
23 51 16 00-0558 EA 12" Aluminum Vent Cap (Star-Kap® 12-SK) .....	608.89	21.47
<b>23 52 Heating Boilers</b> <small>(23 50)</small>		
<b>23 52 13 Electric Boilers</b> <small>(23 52)</small>		
<b>23 52 13 00-0001 Packaged Electric Steam Boiler</b> <small>(23 52 13)</small>		
<small>Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH output.</small>		
23 52 13 00-0002 EA 12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls .....	8,312.27	636.83
23 52 13 00-0003 EA 24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls .....	8,974.13	742.97
23 52 13 00-0004 EA 36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls .....	9,630.59	796.04
23 52 13 00-0005 EA 48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls .....	10,720.74	849.11
23 52 13 00-0006 EA 60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls .....	11,784.67	902.19
23 52 13 00-0007 EA 80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls .....	13,755.69	1,008.33
23 52 13 00-0008 EA 100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls .....	15,726.79	1,114.47
23 52 13 00-0009 EA 120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls .....	16,366.23	1,167.54
23 52 13 00-0010 EA 140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls .....	17,235.74	1,220.61
23 52 13 00-0011 EA 160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls .....	22,532.67	1,326.74
23 52 13 00-0012 EA 180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls .....	23,482.83	1,379.81
23 52 13 00-0013 EA 200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls .....	24,893.75	1,580.98
23 52 13 00-0014 EA 220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls .....	25,929.36	1,698.09
23 52 13 00-0015 EA 240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls .....	27,969.27	1,815.20
23 52 13 00-0016 EA 260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls .....	30,121.18	1,990.87
23 52 13 00-0017 EA 280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls .....	32,035.31	2,049.42
23 52 13 00-0018 EA 300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls .....	33,583.95	2,107.98
23 52 13 00-0019 EA 320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls .....	35,719.20	2,166.53
23 52 13 00-0020 EA 360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls .....	37,855.04	2,225.09
23 52 13 00-0021 EA 400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls .....	40,503.74	2,342.20
23 52 13 00-0022 EA 460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls .....	43,234.43	2,459.31
23 52 13 00-0023 EA 500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls .....	45,906.56	2,517.86
23 52 13 00-0024 EA 600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls .....	50,841.49	2,576.42
23 52 13 00-0025 EA 700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls .....	54,756.00	2,693.53
23 52 13 00-0026 EA 756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls .....	56,080.35	2,810.64
23 52 13 00-0027 EA 828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls .....	61,624.81	2,986.30
23 52 13 00-0028 EA 936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls .....	63,640.39	3,161.96
23 52 13 00-0029 EA 1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls .....	65,773.07	3,337.63
23 52 13 00-0030 EA 1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls .....	69,828.94	3,513.29
23 52 13 00-0031 EA 1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls .....	71,634.09	3,630.40
23 52 13 00-0032 EA 1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls .....	74,001.92	3,864.62
23 52 13 00-0033 EA 1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls .....	76,533.52	4,098.84
23 52 13 00-0034 EA 1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls .....	83,566.57	4,333.06
23 52 13 00-0035 EA 1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls .....	88,090.87	4,567.28
<b>23 52 13 00-0036 Packaged Electric Hot Water Boiler</b> <small>(23 52 13)</small>		
<small>Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH output.</small>		
23 52 13 00-0037 EA 9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls .....	7,298.40	583.76



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 52 13 00-0038	EA	12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,686.68	636.83
23 52 13 00-0039	EA	18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	8,074.96	689.90
23 52 13 00-0040	EA	24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	8,452.39	742.97
23 52 13 00-0041	EA	36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,888.57	796.04
23 52 13 00-0042	EA	48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	9,208.90	849.11
23 52 13 00-0043	EA	60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	9,597.18	902.19
23 52 13 00-0044	EA	72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	10,179.60	955.26
23 52 13 00-0045	EA	84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,692.89	1,008.33
23 52 13 00-0046	EA	90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	11,003.51	1,061.40
23 52 13 00-0047	EA	105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,817.52	1,114.47
23 52 13 00-0048	EA	120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	12,585.96	1,167.54
23 52 13 00-0049	EA	135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,977.09	1,220.61
23 52 13 00-0050	EA	150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	14,887.89	1,273.68
23 52 13 00-0051	EA	165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	15,651.29	1,326.74
23 52 13 00-0052	EA	180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls	16,985.69	1,379.81
23 52 13 00-0053	EA	195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls	18,779.58	1,580.98
23 52 13 00-0054	EA	225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls	20,178.01	1,698.09
23 52 13 00-0055	EA	240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls	21,703.27	1,815.20
23 52 13 00-0056	EA	270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls	23,218.81	1,990.87
23 52 13 00-0057	EA	300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls	24,744.06	2,107.98
23 52 13 00-0058	EA	330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls	26,173.17	2,225.09
23 52 13 00-0059	EA	360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls	28,187.85	2,283.64
23 52 13 00-0060	EA	390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls	30,034.05	2,342.20
23 52 13 00-0061	EA	420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls	31,802.60	2,459.31
23 52 13 00-0062	EA	450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls	33,656.82	2,459.31
23 52 13 00-0063	EA	504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls	36,861.48	2,517.86
23 52 13 00-0064	EA	612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls	38,564.22	2,576.42
23 52 13 00-0065	EA	684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls	40,722.39	2,693.53
23 52 13 00-0066	EA	720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls	42,344.09	2,752.08
23 52 13 00-0067	EA	750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls	43,971.75	2,810.64
23 52 13 00-0068	EA	810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls	45,195.41	2,986.30
23 52 13 00-0069	EA	900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls	47,403.24	3,161.96
23 52 13 00-0070	EA	1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls	55,128.87	3,337.63
23 52 13 00-0071	EA	1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls	60,473.55	3,513.29
23 52 13 00-0072	EA	1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls	62,806.74	3,630.40
23 52 13 00-0073	EA	1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls	65,409.16	3,864.62
23 52 13 00-0074	EA	1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls	68,011.58	4,098.84
23 52 13 00-0075	EA	1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls	75,351.95	4,333.06
23 52 13 00-0076	EA	1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls	80,091.47	4,567.28
23 52 13 00-0077	EA	1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls	82,111.46	4,684.39
23 52 13 00-0078	EA	1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls	84,131.46	4,801.50
23 52 13 00-0079	EA	1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls	84,599.90	4,977.17
23 52 13 00-0080	EA	2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls	90,815.50	5,094.27
23 52 13 00-0081	EA	2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls	94,972.60	5,269.94
23 52 13 00-0082	EA	2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls	101,967.90	5,621.27
23 52 13 00-0083	EA	2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls	109,920.11	6,206.82
23 52 13 00-0084	EA	3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls	119,080.38	6,909.48
23 52 13 00-0085	EA	3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls	126,075.68	7,612.13

**23 52 16 Condensing Boilers (23 52)****23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)****23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code).

23 52 16 13-0002	EA	75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79)	12,422.25	424.56	
23 52 16 13-0003	EA	127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129)	13,123.40	565.51	
23 52 16 13-0004	EA	168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179)	13,992.23	636.73	
23 52 16 13-0005	EA	187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1)	14,832.81	672.18	
23 52 16 13-0006	EA	281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299)	19,588.07	778.32	
23 52 16 13-0007	EA	374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399)	22,677.71	849.01	
23 52 16 13-0008	EA	589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599)	30,650.18	990.50	
23 52 16 13-0009	EA	785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798)	42,630.26	1,132.09	
Note: Includes vent manifold.					
23 52 16 13-0010	EA	980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998)	52,146.68	1,238.22	
Note: Includes vent manifold.					
23 52 16 13-0011	EA	1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499)	75,319.10	1,450.39	
23 52 16 13-0012	EA	1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999)	83,005.79	1,556.53	

**23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes Riello burners. Capacity given is IBR rating.

23 52 16 13-0014	EA	484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145)	38,718.73	919.81
23 52 16 13-0015	EA	612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185)	40,576.35	990.50
23 52 16 13-0016	EA	791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240)	45,270.91	1,132.09
23 52 16 13-0017	EA	1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310)	48,986.15	1,273.56
23 52 16 13-0018	EA	1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400)	54,423.39	1,379.70
23 52 16 13-0019	EA	1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510)	62,251.65	1,450.39
23 52 16 13-0020	EA	2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640)	74,591.70	1,556.53



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0021				<b>Buderus SB735 Stainless Steel Condensing Boilers</b> <small>(23 52 16 13)</small> Note: Includes Riello burners.		
23 52 16 13-0022	EA			2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790) .....	77,584.07	1,698.02
23 52 16 13-0023	EA			3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970) .....	89,877.92	1,768.81
23 52 16 13-0024	EA			4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200) .....	104,186.78	1,839.61
23 52 16 13-0025				<b>AERCO Benchmark Stainless-Steel Condensing Boilers</b> <small>(23 52 16 13)</small>		
23 52 16 13-0026	EA			1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN) .....	49,612.54	1,450.39
23 52 16 13-0027	EA			2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN) .....	58,906.89	1,556.53
23 52 16 13-0028	EA			3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) .....	84,798.54	1,733.47
23 52 16 13-0029	EA			3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000) .....	90,373.30	1,733.47
23 52 16 13-0030				<b>Laars Neotherm Stainless Steel Condensing Boiler</b> <small>(23 52 16 13)</small> Note: Compliant with SCAQMD. Rated by gross rated input.		
23 52 16 13-0031	EA			80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080) .....	8,340.76	459.90
23 52 16 13-0032	EA			105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105) .....	9,520.29	530.69
23 52 16 13-0033	EA			150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150) .....	10,660.35	636.73
23 52 16 13-0034	EA			210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210) .....	11,872.57	707.52
23 52 16 13-0035	EA			285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285) .....	14,954.05	778.32
23 52 16 13-0036	EA			399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399) .....	19,563.24	849.01
23 52 16 13-0037	EA			500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500) .....	23,519.03	919.81
23 52 16 13-0038	EA			600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600) .....	26,113.53	990.50
23 52 16 13-0039	EA			750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750) .....	28,367.71	1,061.29
23 52 16 13-0040	EA			850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850) .....	30,834.18	1,202.77
23 52 16 13-0041	EA			1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000) .....	43,947.87	1,273.56
23 52 16 13-0042	EA			1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700) .....	58,457.57	1,485.84
23 52 16 13-0043				<b>Lochinvar Knight Stainless Steel Condensing Boilers</b> <small>(23 52 16 13)</small> Note: Rated by gross rated output.		
23 52 16 13-0044	EA			184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211) .....	11,562.45	636.73
23 52 16 13-0045	EA			264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N) .....	14,972.61	707.52
23 52 16 13-0046				<b>Lochinvar Knight XL Stainless Steel Condensing Boilers</b> <small>(23 52 16 13)</small> Note: Rated by gross rated output.		
23 52 16 13-0047	EA			387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N) .....	17,002.90	813.66
23 52 16 13-0048	EA			485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N) .....	21,213.94	849.01
23 52 16 13-0049	EA			631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N) .....	26,047.00	919.81
23 52 16 13-0050	EA			776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N) .....	31,249.64	955.15
23 52 16 13-0051	EA			969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N) .....	38,227.43	1,025.95
23 52 16 13-0052				<b>Lochinvar Crest Stainless Steel Condensing Boilers</b> <small>(23 52 16 13)</small> Note: Rated by gross rated output.		
23 52 16 13-0053	EA			1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251) .....	48,461.85	1,202.56
23 52 16 13-0054	EA			1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501) .....	50,003.82	1,379.70
23 52 16 13-0055	EA			1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751) .....	54,822.82	1,467.91
23 52 16 13-0056	EA			1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001) .....	59,641.80	1,556.53
23 52 16 13-0057	EA			2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501) .....	70,000.19	1,627.33
23 52 16 13-0058	EA			2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001) .....	77,567.57	1,698.02
23 52 16 13-0059	EA			3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501) .....	95,347.08	1,768.81
23 52 16 13-0060	EA			3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001) .....	105,364.89	1,839.50
23 52 16 13-0061	EA			4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001) .....	129,318.20	1,910.19
23 52 16 13-0062				<b>Patterson Kelley Stainless Steel Condensing Boilers</b> <small>(23 52 16 13)</small>		
23 52 16 13-0063				<b>Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series</b> <small>(23 52 16 13-0062)</small>		
23 52 16 13-0064	EA			1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500) .....	47,131.36	1,450.39
23 52 16 13-0065	EA			3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000) .....	72,551.89	1,733.47
23 52 16 13-0066				<b>Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series</b> <small>(23 52 16 13-0062)</small>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0067	EA		650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650).....	24,516.81	1,025.95
23 52 16 13-0068	EA		1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000).....	29,469.24	1,273.56
23 52 16 13-0069	EA		2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000).....	50,092.94	1,556.53
23 52 16 13-0070	EA		4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000).....	86,183.87	1,839.61
<b>23 52 16 13-0071</b>			<b>Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series</b> (23 52 16 13-0062)		
23 52 16 13-0072	EA		1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250).....	35,946.72	1,344.25
23 52 16 13-0073	EA		2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000).....	59,294.97	1,556.53
23 52 16 13-0074	EA		4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000).....	88,141.75	1,839.61
<b>23 52 16 16</b>			<b>Aluminum Condensing Boilers</b> (23 52 16)		
<b>23 52 16 16-0001</b>			<b>Weil McLain Aluminum Condensing Boilers</b> (23 52 16 16)		
23 52 16 16-0002	EA		80 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 80)..... Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	8,628.81	459.90
23 52 16 16-0003	EA		105 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 105)..... Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	9,501.09	530.69
23 52 16 16-0004	EA		155 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 155)..... Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	10,699.51	636.73
23 52 16 16-0005	EA		230 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 230)..... Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	12,011.79	707.52
23 52 16 16-0006	EA		310 MBH Water, Gas Fired, Condensing Boiler (Weil McLain Ultra 310)..... Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.	15,630.20	813.66
<b>23 52 16 16-0007</b>			<b>Patterson Kelley Mach Series Aluminum Condensing Boilers</b> (23 52 16 16) Note: Rated by gross rated output.		
23 52 16 16-0008	EA		300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300).....	18,219.37	778.32
23 52 16 16-0009	EA		450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450).....	20,494.15	884.46
23 52 16 16-0010	EA		750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750).....	23,221.29	1,061.29
23 52 16 16-0011	EA		900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900).....	34,371.13	1,202.77
23 52 16 16-0012	EA		1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050).....	35,906.52	1,273.56
23 52 16 16-0013	EA		1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500).....	55,662.66	1,450.39
23 52 16 16-0014	EA		2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000).....	60,274.26	1,556.53
23 52 16 16-0015	EA		2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500).....	80,305.52	1,698.02
23 52 16 16-0016	EA		3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000).....	93,278.69	1,733.47
23 52 16 16-0017	EA		4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000).....	106,169.21	1,839.61
<b>23 52 16 16-0018</b>			<b>Buderus GB142 Wall Hung Aluminum Condensing Boilers</b> (23 52 16 16) Note: Includes standard controls.		
23 52 16 16-0019	EA		75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24)..... Note: Includes an aluminum heat exchanger and three speed circulating pump.	5,410.32	424.56
23 52 16 16-0020	EA		95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30)..... Note: Includes an aluminum heat exchanger and three speed circulating pump.	6,284.53	495.24
23 52 16 16-0021	EA		143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45)..... Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,262.71	601.38
23 52 16 16-0022	EA		193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60)..... Note: Includes an aluminum heat exchanger and three speed circulating pump.	7,957.70	672.18
23 52 16 16-0023	EA		Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46).....	333.67	106.14
23 52 16 16-0024	EA		Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3).....	434.58	106.14
23 52 16 16-0025	EA		Optional GB Floor Stand For GB142 (Buderus 7098265).....	920.14	106.14
<b>23 52 16 16-0026</b>			<b>Buderus GB162 Wall Hung Aluminum Condensing Boilers</b> (23 52 16 16) Note: Includes standard controls.		
23 52 16 16-0027	EA		290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80)..... Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	9,005.66	778.32
23 52 16 16-0028	EA		333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100)..... Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.	11,028.63	813.66
23 52 16 16-0029	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	20,953.95	955.15
23 52 16 16-0030	EA		580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2)..... Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	19,616.68	955.15
23 52 16 16-0031	EA		666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	24,999.90	1,025.95



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0032 EA 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2)..... Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	23,662.62	1,025.95
23 52 16 16-0033 EA 870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	29,071.11	1,202.77
23 52 16 16-0034 EA 999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	35,033.91	1,273.56
23 52 16 16-0035 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	36,029.82	1,344.25
23 52 16 16-0036 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4)..... Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	36,565.41	1,344.25
23 52 16 16-0037 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4)..... Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	43,803.32	1,379.70
23 52 16 16-0038 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4)..... Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	44,338.90	1,379.70
23 52 16 16-0039 EA EMS Control Module For Condensing Boiler (Buderus RC35).....	757.02	106.14
<b>23 52 16 16-0040 Buderus GB312 Aluminum Condensing Boilers (23 52 16 16)</b> Note: Includes standard controls.		
23 52 16 16-0041 EA 305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90)..... Note: Includes an aluminum heat exchanger.	12,706.89	778.32
23 52 16 16-0042 EA 409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120)..... Note: Includes an aluminum heat exchanger.	14,783.65	849.01
23 52 16 16-0043 EA 544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160)..... Note: Includes an aluminum heat exchanger.	18,448.78	937.42
23 52 16 16-0044 EA 676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200)..... Note: Includes an aluminum heat exchanger.	21,177.19	1,025.95
23 52 16 16-0045 EA 810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240)..... Note: Includes an aluminum heat exchanger.	25,278.18	1,132.09
23 52 16 16-0046 EA 944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280)..... Note: Includes an aluminum heat exchanger.	27,905.73	1,238.22
23 52 16 16-0047 EA Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985).....	490.05	53.07
23 52 16 16-0048 EA Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125).....	267.02	53.07
23 52 16 16-0049 EA Optional Hydrolevel 550 Low Water Cut-Off For GB312 (Buderus 550).....	379.63	53.07
23 52 16 16-0050 EA Optional Condensate Neutralization Tank For GB312 (Buderus 63035899).....	797.91	53.07
<b>23 52 16 19 Copper Water-Tube Condensing Boilers (23 52 16)</b>		
<b>23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers (23 52 16 19)</b>		
23 52 16 19-0002 EA 1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	45,344.82	1,344.25
23 52 16 19-0003 EA 1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	51,131.45	1,485.84
23 52 16 19-0004 EA 2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	55,961.81	1,556.53
23 52 16 19-0005 EA 2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	60,397.91	1,627.33
<b>23 52 16 23 Cast Iron Condensing Boilers (23 52 16)</b>		
<b>23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers (23 52 16 23)</b> Note: Rated by gross rated output.		
23 52 16 23-0002 EA 199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2).....	15,934.47	672.18
23 52 16 23-0003 EA 399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4).....	23,342.21	849.01
23 52 16 23-0004 EA 600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6).....	38,428.58	990.50
23 52 16 23-0005 EA 1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10).....	50,445.33	1,273.56
23 52 16 23-0006 EA 1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16).....	67,274.86	1,485.84
23 52 16 23-0007 EA 1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20).....	73,392.87	1,556.53
23 52 16 23-0008 EA 2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26).....	93,445.45	1,698.02
23 52 16 23-0009 EA 3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30).....	102,155.04	1,733.47
<b>23 52 23 Cast-Iron Boilers (23 52)</b>		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 52 23 00-0001		<b>Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002		<b>Gas Fired Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380).....	17,182.84	3,350.88
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480).....	18,787.26	3,574.27
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580).....	20,543.18	3,797.66
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680).....	22,176.19	4,021.05
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780).....	23,684.45	4,244.45
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880).....	25,748.54	4,467.84
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980).....	27,344.18	4,691.23
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080).....	28,611.24	4,914.62
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180).....	29,873.66	5,138.02
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280).....	31,331.14	5,361.41
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0013		<b>Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small> Note: Fire tested factory assembled package unit.		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380).....	12,263.72	468.44
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480).....	13,630.67	468.44
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580).....	15,620.14	585.55
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680).....	17,013.95	585.55
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780).....	18,756.05	702.66
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880).....	20,599.38	702.66
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980).....	22,426.29	819.77
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080).....	23,925.24	936.88
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180).....	24,952.92	936.88
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280).....	26,639.89	1,053.98
		Note: Fire tested factory assembled package unit.		
23 52 23 00-0024		<b>Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380).....	17,981.52	3,350.88
		Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler.....	19,728.72	3,574.27
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler.....	21,398.41	3,797.66
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler.....	23,263.25	4,021.05
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler.....	24,801.19	4,244.45
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler.....	27,046.23	4,467.84
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler.....	28,458.10	4,691.23
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler.....	29,831.18	4,914.62
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler.....	31,095.01	5,138.02
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler.....	32,590.66	5,361.41
		Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.		
23 52 23 00-0035		<b>Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler</b> <small>(23 52 23 00-0001)</small> Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380).....	13,062.40	468.44
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480).....	14,572.13	468.44
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580).....	16,475.37	585.55
		Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680).....	18,101.01	585.55
		Note: Fire tested factory assembled package cast iron unit.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0040 EA 565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780) ..... Note: Fire tested factory assembled package cast iron unit.	19,872.79	702.66
23 52 23 00-0041 EA 654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880) ..... Note: Fire tested factory assembled package cast iron unit.	21,897.07	702.66
23 52 23 00-0042 EA 743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980) ..... Note: Fire tested factory assembled package cast iron unit.	23,540.21	819.77
23 52 23 00-0043 EA 833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) ..... Note: Fire tested factory assembled package cast iron unit.	25,145.17	936.88
23 52 23 00-0044 EA 922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) ..... Note: Fire tested factory assembled package cast iron unit.	26,174.27	936.88
23 52 23 00-0045 EA 1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) ..... Note: Fire tested factory assembled package cast iron unit.	27,899.40	1,053.98
<b>23 52 23 00-0046 Weil-McLain Model 88 Cast Iron Boiler</b> <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
<b>23 52 23 00-0047 Gas Fired Weil-McLain Model 88 Cast Iron Boiler</b> <small>(23 52 23 00-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048 EA 629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488) ..... Note: Includes field assembly of individual sections and testing.	27,949.38	5,026.32
23 52 23 00-0049 EA 845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588) ..... Note: Includes field assembly of individual sections and testing.	30,866.47	5,333.48
23 52 23 00-0050 EA 1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688) ..... Note: Includes field assembly of individual sections and testing.	34,476.33	5,640.65
23 52 23 00-0051 EA 1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788) ..... Note: Includes field assembly of individual sections and testing.	37,657.37	5,947.81
23 52 23 00-0052 EA 1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888) ..... Note: Includes field assembly of individual sections and testing.	40,423.68	6,254.97
23 52 23 00-0053 EA 1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988) ..... Note: Includes field assembly of individual sections and testing.	44,430.95	6,562.14
23 52 23 00-0054 EA 1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088) ..... Note: Includes field assembly of individual sections and testing.	47,223.27	6,869.30
23 52 23 00-0055 EA 2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188) ..... Note: Includes field assembly of individual sections and testing.	49,693.99	7,176.46
23 52 23 00-0056 EA 2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288) ..... Note: Includes field assembly of individual sections and testing.	52,991.25	7,483.63
23 52 23 00-0057 EA 2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388) ..... Note: Includes field assembly of individual sections and testing.	55,644.04	7,790.79
23 52 23 00-0058 EA 2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488) ..... Note: Includes field assembly of individual sections and testing.	59,997.96	8,097.95
23 52 23 00-0059 EA 3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588) ..... Note: Includes field assembly of individual sections and testing.	62,522.26	8,405.12
23 52 23 00-0060 EA 3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688) ..... Note: Includes field assembly of individual sections and testing.	65,199.44	8,712.28
23 52 23 00-0061 EA 3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788) ..... Note: Includes field assembly of individual sections and testing.	68,182.08	9,019.44
23 52 23 00-0062 EA 3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888) ..... Note: Includes field assembly of individual sections and testing.	70,609.52	9,326.61
<b>23 52 23 00-0063 Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler</b> <small>(23 52 23 00-0046)</small>		
23 52 23 00-0064 EA 629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488) ..... Note: Fire tested factory assembled package unit.	22,446.08	819.77
23 52 23 00-0065 EA 845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588) ..... Note: Fire tested factory assembled package unit.	25,458.99	936.88
23 52 23 00-0066 EA 1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688) ..... Note: Fire tested factory assembled package unit.	29,181.54	1,053.98
23 52 23 00-0067 EA 1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788) ..... Note: Fire tested factory assembled package unit.	32,444.67	1,171.09
23 52 23 00-0068 EA 1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888) ..... Note: Fire tested factory assembled package unit.	34,836.48	1,171.09
23 52 23 00-0069 EA 1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988) ..... Note: Fire tested factory assembled package unit.	38,943.50	1,288.20
23 52 23 00-0070 EA 1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088) ..... Note: Fire tested factory assembled package unit.	41,365.00	1,288.20
23 52 23 00-0071 EA 2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188) ..... Note: Fire tested factory assembled package unit.	43,931.24	1,405.31
23 52 23 00-0072 EA 2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288) ..... Note: Fire tested factory assembled package unit.	46,858.81	1,405.31
23 52 23 00-0073 EA 2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388) ..... Note: Fire tested factory assembled package unit.	49,607.42	1,522.42
23 52 23 00-0074 EA 2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488) ..... Note: Fire tested factory assembled package unit.	52,269.74	1,639.53
23 52 23 00-0075 EA 3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588) ..... Note: Fire tested factory assembled package unit.	54,424.07	1,639.53
23 52 23 00-0076 EA 3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688) ..... Note: Fire tested factory assembled package unit.	57,198.08	1,756.65
23 52 23 00-0077 EA 3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788) ..... Note: Fire tested factory assembled package unit.	59,809.00	1,756.65
23 52 23 00-0078 EA 3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888) ..... Note: Fire tested factory assembled package unit.	62,362.44	1,873.76



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 52 23 00-0079		<b>Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler</b> <small>(23 52 23 00-0046)</small>			
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.			
23 52 23 00-0080	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) ..... Note: Includes field assembly of individual sections and testing.	28,933.24		5,026.32
23 52 23 00-0081	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) ..... Note: Includes field assembly of individual sections and testing.	31,844.68		5,333.48
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688)..... Note: Includes field assembly of individual sections and testing.	35,708.99		5,640.65
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788)..... Note: Includes field assembly of individual sections and testing.	39,014.42		5,947.81
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888)..... Note: Includes field assembly of individual sections and testing.	41,642.21		6,254.97
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988)..... Note: Includes field assembly of individual sections and testing.	45,573.14		6,562.14
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088)..... Note: Includes field assembly of individual sections and testing.	48,937.97		6,869.30
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188)..... Note: Includes field assembly of individual sections and testing.	51,408.69		7,176.46
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288)..... Note: Includes field assembly of individual sections and testing.	54,672.02		7,483.63
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388)..... Note: Includes field assembly of individual sections and testing.	58,047.16		7,790.79
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488)..... Note: Includes field assembly of individual sections and testing.	62,522.65		8,097.95
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588)..... Note: Includes field assembly of individual sections and testing.	65,896.52		8,405.12
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688)..... Note: Includes field assembly of individual sections and testing.	67,722.72		8,712.28
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788)..... Note: Includes field assembly of individual sections and testing.	70,629.03		9,019.44
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888)..... Note: Includes field assembly of individual sections and testing.	73,083.32		9,326.61
23 52 23 00-0095		<b>Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler</b> <small>(23 52 23 00-0046)</small>			
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488)..... Note: Fire tested factory assembled package cast iron unit.	23,429.95		819.77
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588)..... Note: Fire tested factory assembled package cast iron unit.	26,437.20		936.88
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688)..... Note: Fire tested factory assembled package cast iron unit.	30,400.06		1,053.98
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788)..... Note: Fire tested factory assembled package cast iron unit.	33,801.72		1,171.09
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888)..... Note: Fire tested factory assembled package cast iron unit.	36,057.83		1,171.09
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988)..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	40,085.69		1,288.20
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088)..... Note: Fire tested factory assembled package cast iron unit.	43,079.70		1,288.20
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188)..... Note: Fire tested factory assembled package cast iron unit.	45,645.94		1,405.31
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288)..... Note: Fire tested factory assembled package cast iron unit.	48,539.58		1,405.31
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388)..... Note: Fire tested factory assembled package cast iron unit.	52,017.60		1,522.42
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488)..... Note: Fire tested factory assembled package cast iron unit.	54,794.43		1,639.53
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588)..... Note: Fire tested factory assembled package cast iron unit.	56,384.73		1,639.53
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688)..... Note: Fire tested factory assembled package cast iron unit.	59,721.36		1,756.65
23 52 23 00-0109	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788)..... Note: Fire tested factory assembled package cast iron unit.	62,255.94		1,756.65
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888)..... Note: Fire tested factory assembled package cast iron unit.	64,807.97		1,873.76
23 52 23 00-0111		<b>Weil-McLain Model 94 Cast Iron Boiler</b> <small>(23 52 23)</small>			
		Note: Capacities are the net AHRH ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.			
23 52 23 00-0112		<b>Gas Fired Weil-McLain Model 94 Cast Iron Boiler</b> <small>(23 52 23 00-0111)</small>			
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.			
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	76,332.35		9,773.40
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	82,766.16		10,331.87
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	88,640.94		10,890.35
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	94,392.82		11,448.84
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	100,198.30		12,007.32



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0118 EA 2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394).....	107,603.25	12,565.80
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0119 EA 2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494).....	113,072.62	13,124.27
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0120 EA 3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594).....	118,364.43	13,682.75
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0121 EA 3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694).....	126,985.26	14,241.24
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0122 EA 3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794).....	132,274.02	14,799.72
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0123 EA 3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894).....	136,809.22	15,358.19
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0124 EA 4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994).....	145,129.16	15,916.67
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0125 EA 4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094).....	150,461.96	16,475.15
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0126 EA 4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194).....	158,973.44	17,033.64
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0127 EA 4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294).....	164,587.93	17,592.12
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0128 EA 4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394).....	170,732.49	18,150.59
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0129 EA 5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494).....	176,008.43	18,709.07
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0130 EA 5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594).....	181,436.37	19,267.55
Note: Includes field assembly of individual sections and testing.		
<b>23 52 23 00-0131 Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)</b>		
23 52 23 00-0132 EA 1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894).....	68,733.42	1,522.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0133 EA 1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994).....	74,965.09	1,639.53
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0134 EA 2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094).....	80,634.16	1,756.65
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0135 EA 2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194).....	86,184.43	1,873.76
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0136 EA 2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294).....	91,315.80	1,873.76
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0137 EA 2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394).....	96,733.36	1,990.87
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0138 EA 2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494).....	101,529.70	1,990.87
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0139 EA 3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594).....	106,617.74	2,107.98
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0140 EA 3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694).....	114,566.41	2,107.98
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0141 EA 3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794).....	119,653.00	2,225.09
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0142 EA 3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894).....	123,514.96	2,225.09
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0143 EA 4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994).....	131,633.87	2,342.20
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0144 EA 4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094).....	136,293.10	2,342.20
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0145 EA 4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194).....	144,626.89	2,459.31
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0146 EA 4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294).....	149,541.97	2,459.31
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0147 EA 4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394).....	155,481.05	2,576.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0148 EA 5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494).....	160,085.14	2,576.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0149 EA 5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594).....	165,308.86	2,693.53
Note: Fire tested factory assembled package cast iron unit.		
<b>23 52 23 00-0150 Oil Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)</b>		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151 EA 1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894).....	72,114.17	9,773.40
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0152 EA 1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994).....	78,547.98	10,331.87
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0153 EA 2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094).....	86,376.35	10,890.35
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0154 EA 2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194).....	91,617.92	11,448.84
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0155 EA 2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294).....	97,075.66	12,007.32
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0156 EA 2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394).....	104,091.87	12,565.80
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0157 EA 2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494).....	109,824.17	13,124.27
Note: Includes field assembly of individual sections and testing.		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0158 EA 3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594) ..... Note: Includes field assembly of individual sections and testing.	115,118.80	13,682.75
23 52 23 00-0159 EA 3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694) ..... Note: Includes field assembly of individual sections and testing.	124,748.95	14,241.24
23 52 23 00-0160 EA 3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794) ..... Note: Includes field assembly of individual sections and testing.	130,039.12	14,799.72
23 52 23 00-0161 EA 3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894) ..... Note: Includes field assembly of individual sections and testing.	135,327.77	15,358.19
23 52 23 00-0162 EA 4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994) ..... Note: Includes field assembly of individual sections and testing.	145,139.06	15,916.67
23 52 23 00-0163 EA 4,285 MBH Steam, 4,970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) ..... Note: Includes field assembly of individual sections and testing.	150,471.85	16,475.15
23 52 23 00-0164 EA 4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) ..... Note: Includes field assembly of individual sections and testing.	159,210.93	17,033.64
23 52 23 00-0165 EA 4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) ..... Note: Includes field assembly of individual sections and testing.	164,824.00	17,592.12
23 52 23 00-0166 EA 4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) ..... Note: Includes field assembly of individual sections and testing.	170,847.00	18,150.59
23 52 23 00-0167 EA 5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) ..... Note: Includes field assembly of individual sections and testing.	176,122.93	18,709.07
23 52 23 00-0168 EA 5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) ..... Note: Includes field assembly of individual sections and testing.	181,559.35	19,267.55
<b>23 52 23 00-0169 Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)</b>		
23 52 23 00-0170 EA 1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) ..... Note: Fire tested factory assembled package cast iron unit.	64,286.24	1,522.42
23 52 23 00-0171 EA 1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) ..... Note: Fire tested factory assembled package cast iron unit.	70,517.91	1,639.53
23 52 23 00-0172 EA 2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) ..... Note: Fire tested factory assembled package cast iron unit.	78,140.57	1,756.65
23 52 23 00-0173 EA 2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) ..... Note: Fire tested factory assembled package cast iron unit.	83,180.53	1,873.76
23 52 23 00-0174 EA 2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) ..... Note: Fire tested factory assembled package cast iron unit.	87,964.15	1,873.76
23 52 23 00-0175 EA 2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) ..... Note: Fire tested factory assembled package cast iron unit.	92,992.97	1,990.87
23 52 23 00-0176 EA 2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) ..... Note: Fire tested factory assembled package cast iron unit.	98,052.25	1,990.87
23 52 23 00-0177 EA 3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) ..... Note: Fire tested factory assembled package cast iron unit.	103,140.28	2,107.98
23 52 23 00-0178 EA 3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) ..... Note: Fire tested factory assembled package cast iron unit.	112,101.09	2,107.98
23 52 23 00-0179 EA 3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) ..... Note: Fire tested factory assembled package cast iron unit.	117,186.27	2,225.09
23 52 23 00-0180 EA 3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) ..... Note: Fire tested factory assembled package cast iron unit.	121,804.50	2,225.09
23 52 23 00-0181 EA 4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) ..... Note: Fire tested factory assembled package cast iron unit.	131,414.76	2,342.20
23 52 23 00-0182 EA 4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) ..... Note: Fire tested factory assembled package cast iron unit.	136,073.99	2,342.20
23 52 23 00-0183 EA 4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) ..... Note: Fire tested factory assembled package cast iron unit.	144,607.10	2,459.31
23 52 23 00-0184 EA 4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) ..... Note: Fire tested factory assembled package cast iron unit.	149,549.04	2,459.31
23 52 23 00-0185 EA 4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) ..... Note: Fire tested factory assembled package cast iron unit.	155,366.54	2,576.42
23 52 23 00-0186 EA 5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) ..... Note: Fire tested factory assembled package cast iron unit.	159,970.64	2,576.42
23 52 23 00-0187 EA 5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) ..... Note: Fire tested factory assembled package cast iron unit.	165,202.84	2,693.53
<b>23 52 23 00-0188 Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)</b>		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189 EA 1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894) ..... Note: Includes field assembly of individual sections and testing.	77,658.31	9,773.40
23 52 23 00-0190 EA 1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994) ..... Note: Includes field assembly of individual sections and testing.	84,093.53	10,331.87
23 52 23 00-0191 EA 2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094) ..... Note: Includes field assembly of individual sections and testing.	90,330.19	10,890.35
23 52 23 00-0192 EA 2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194) ..... Note: Includes field assembly of individual sections and testing.	96,224.84	11,448.84
23 52 23 00-0193 EA 2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294) ..... Note: Includes field assembly of individual sections and testing.	101,997.81	12,007.32
23 52 23 00-0194 EA 2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394) ..... Note: Includes field assembly of individual sections and testing.	108,267.64	12,565.80
23 52 23 00-0195 EA 2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494) ..... Note: Includes field assembly of individual sections and testing.	115,279.25	13,124.27
23 52 23 00-0196 EA 3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594) ..... Note: Includes field assembly of individual sections and testing.	120,918.80	13,682.75
23 52 23 00-0197 EA 3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694) ..... Note: Includes field assembly of individual sections and testing.	129,761.57	14,241.24



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0198 EA 3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794).....	135,050.33	14,799.72
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0199 EA 3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894).....	139,684.48	15,358.19
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0200 EA 4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994).....	148,100.55	15,916.67
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0201 EA 4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094).....	154,846.94	16,475.15
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0202 EA 4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194).....	164,116.12	17,033.64
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0203 EA 4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294).....	169,688.20	17,592.12
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0204 EA 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394).....	176,095.69	18,150.59
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0205 EA 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494).....	181,373.04	18,709.07
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0206 EA 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594).....	186,805.22	19,267.55
Note: Includes field assembly of individual sections and testing.		
<b>23 52 23 00-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler</b> <small>(23 52 23 00-0111)</small>		
23 52 23 00-0208 EA 1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894).....	70,162.57	1,522.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0209 EA 1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994).....	76,395.65	1,639.53
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0210 EA 2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094).....	82,430.84	1,756.65
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0211 EA 2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194).....	88,121.06	1,873.76
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0212 EA 2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294).....	93,219.91	1,873.76
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0213 EA 2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394).....	97,500.94	1,990.87
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0214 EA 2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494).....	103,839.53	1,990.87
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0215 EA 3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594).....	109,273.89	2,107.98
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0216 EA 3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694).....	117,447.33	2,107.98
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0217 EA 3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794).....	122,531.09	2,225.09
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0218 EA 3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894).....	126,493.41	2,225.09
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0219 EA 4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994).....	134,708.45	2,342.20
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0220 EA 4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094).....	140,782.69	2,342.20
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0221 EA 4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194).....	149,845.90	2,459.31
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0222 EA 4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294).....	154,746.85	2,459.31
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0223 EA 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394).....	160,947.44	2,576.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0224 EA 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494).....	165,552.95	2,576.42
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0225 EA 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594).....	170,782.32	2,693.53
Note: Fire tested factory assembled package cast iron unit.		
<b>23 52 33 Water-Tube Boilers</b> <small>(23 52)</small>		
<b>23 52 33 16 Steel Water-Tube Boilers</b> <small>(23 52 33)</small>		
<b>23 52 33 16-0001 Package Oil Fired Water Tube Boiler</b> <small>(23 52 33 16)</small>		
Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.		
23 52 33 16-0002 EA 200 MBH Oil Fired Water Tube Boiler, Steel Shell .....	14,305.86	936.88
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
<i>For Steam System, Add</i>	2,486.42	
23 52 33 16-0003 EA 285 MBH Oil Fired Water Tube Boiler, Steel Shell .....	14,766.12	1,053.98
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
<i>For Steam System, Add</i>	2,531.63	
23 52 33 16-0004 EA 350 MBH Oil Fired Water Tube Boiler, Steel Shell .....	15,226.37	1,171.09
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
<i>For Steam System, Add</i>	2,576.83	
23 52 33 16-0005 EA 430 MBH Oil Fired Water Tube Boiler, Steel Shell .....	16,044.68	1,288.20
Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.		
<i>For Steam System, Add</i>	2,693.65	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0006 EA 520 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	16,870.21 2,811.91	1,405.31
23 52 33 16-0007 EA 600 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	18,279.82 3,046.99	1,522.42
23 52 33 16-0008 EA 680 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	19,188.06 3,205.22	1,580.98
23 52 33 16-0009 EA 770 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	20,096.32 3,363.45	1,639.53
23 52 33 16-0010 EA 860 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	21,777.17 3,652.78	1,756.65
23 52 33 16-0011 EA 1,020 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	23,458.03 3,942.10	1,873.76
23 52 33 16-0012 EA 1,220 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	25,553.95 4,267.60	2,107.98
23 52 33 16-0013 EA 1,440 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	27,469.03 4,556.93	2,342.20
23 52 33 16-0014 EA 1,700 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	30,234.87 5,063.25	2,459.31
23 52 33 16-0015 EA 2,050 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	31,915.72 5,352.58	2,576.42
23 52 33 16-0016 EA 2,200 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	34,319.94 5,786.58	2,693.53
23 52 33 16-0017 EA 2,450 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	38,170.76 6,509.90	2,810.64
23 52 33 16-0018 EA 2,750 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	40,990.00 6,980.06	3,044.85
23 52 33 16-0019 EA 3,100 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	43,809.24 7,450.22	3,279.07
23 52 33 16-0020 EA 3,450 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	46,809.30 7,956.54	3,513.29
23 52 33 16-0021 EA 4,300 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	51,726.16 8,846.23	3,747.51
23 52 33 16-0022 EA 5,160 MBH Oil Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i>	53,894.41 9,186.19	3,981.73
<b>23 52 33 16-0023 Package Gas Fired Water Tube Boiler</b> <small>(23 52 33 16)</small> Note: Steel shell with insulating jacket, standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), burner, copper finned tubes, safety devices, all controls, set-up and wiring. Excludes flue piping, fuel piping, or circulator. Rated by MBH gross rated output.		
23 52 33 16-0024 EA 200 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	14,002.64 2,425.78 606.44	936.88
23 52 33 16-0025 EA 285 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	14,457.38 2,469.88 617.47	1,053.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0026 EA 350 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	14,912.12  2,513.98 628.50	1,171.09
23 52 33 16-0027 EA 430 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	15,719.71  2,628.66 657.16	1,288.20
23 52 33 16-0028 EA 520 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	16,527.30  2,743.33 685.83	1,405.31
23 52 33 16-0029 EA 600 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	17,908.23  2,972.68 743.17	1,522.42
23 52 33 16-0030 EA 680 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	18,797.18  3,127.04 781.76	1,580.98
23 52 33 16-0031 EA 770 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	19,686.14  3,281.41 820.35	1,639.53
23 52 33 16-0032 EA 860 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	21,331.71  3,563.68 890.92	1,756.65
23 52 33 16-0033 EA 1,020 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	22,977.29  3,845.96 961.49	1,873.76
23 52 33 16-0034 EA 1,220 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	25,033.51  4,163.51 1,040.88	2,107.98
23 52 33 16-0035 EA 1,440 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	26,913.31  4,445.78 1,111.45	2,342.20
23 52 33 16-0036 EA 1,700 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	29,617.40  4,939.76 1,234.94	2,459.31
23 52 33 16-0037 EA 2,050 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	31,262.97  5,222.03 1,305.51	2,576.42
23 52 33 16-0038 EA 2,220 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	33,614.26  5,645.44 1,411.36	2,693.53
23 52 33 16-0039 EA 2,450 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	37,376.87  6,351.12 1,587.78	2,810.64
23 52 33 16-0040 EA 2,750 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	40,138.77  6,809.81 1,702.45	3,044.85
23 52 33 16-0041 EA 3,100 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	42,900.68  7,268.50 1,817.13	3,279.07
23 52 33 16-0042 EA 3,450 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit. <i>For Steam System, Add</i> <i>For LP Gas Burner, Add</i>	45,838.99  7,762.48 1,940.62	3,513.29



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 50 Central Heating Equipment**

**23 52 Heating Boilers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 52 33 16-0043	EA		4,300 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	49,588.83	3,747.51
			<i>For Steam System, Add</i>	8,418.76	
			<i>For LP Gas Burner, Add</i>	2,104.69	
23 52 33 16-0044	EA		5,160 MBH Gas Fired Water Tube Boiler, Steel Shell ..... Note: Includes insulating jacket, standard controls, burner and safety devices. Fire tested factory assembled package unit.	51,715.62	3,981.73
			<i>For Steam System, Add</i>	8,750.43	
			<i>For LP Gas Burner, Add</i>	2,187.61	

**23 52 36 Fire-Box Boiler (23 52)**

**23 52 36 00-0001 Package Oil Fired Firebox Boilers (23 52 36)**

Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP). boiler sizes are based on HP rating and gross output.

23 52 36 00-0002	EA		40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	83,890.62	2,810.64
23 52 36 00-0003	EA		46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	87,709.14	3,044.85
23 52 36 00-0004	EA		53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	91,832.16	3,279.07
23 52 36 00-0005	EA		61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	99,305.24	3,513.29
23 52 36 00-0006	EA		69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	103,732.77	3,747.51
23 52 36 00-0007	EA		80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	108,084.33	3,981.73
23 52 36 00-0008	EA		100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	120,216.99	4,215.95
23 52 36 00-0009	EA		127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	139,107.08	4,684.39
23 52 36 00-0010	EA		151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	158,317.04	5,152.83
23 52 36 00-0011	EA		183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	173,684.74	5,679.82
23 52 36 00-0012	EA		220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	189,052.58	6,206.82
23 52 36 00-0013	EA		257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	198,774.49	7,260.80
23 52 36 00-0014	EA		294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	242,225.08	8,314.80
23 52 36 00-0015	EA		368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	286,741.57	9,368.78
23 52 36 00-0016	EA		441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	331,720.76	10,539.88
23 52 36 00-0017	EA		514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water .....	375,657.51	11,418.20

**23 52 39 Fire-Tube Boilers (23 52)**

**23 52 39 13 Scotch Marine Boilers (23 52 39)**

**23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers (23 52 39 13)**

Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.

**23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0001)**

23 52 39 13-0003	EA		30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	66,871.81	1,288.20
23 52 39 13-0004	EA		40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	71,982.76	1,405.31
23 52 39 13-0005	EA		50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	78,182.44	1,522.42
23 52 39 13-0006	EA		60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	81,702.25	1,756.65
23 52 39 13-0007	EA		70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	85,613.44	1,873.76
23 52 39 13-0008	EA		80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	89,622.67	1,990.87
23 52 39 13-0009	EA		90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	92,388.71	2,049.42
23 52 39 13-0010	EA		100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	97,524.97	2,107.98
23 52 39 13-0011	EA		125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	110,263.97	2,342.20
23 52 39 13-0012	EA		150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	125,289.75	2,576.42
23 52 39 13-0013	EA		175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	137,426.10	2,839.91
23 52 39 13-0014	EA		200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	149,560.04	3,103.40
23 52 39 13-0015	EA		250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	157,781.11	3,630.40
23 52 39 13-0016	EA		300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	191,868.58	4,157.40
23 52 39 13-0017	EA		350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	207,727.52	4,684.39
23 52 39 13-0018	EA		400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	244,558.32	5,211.38
23 52 39 13-0019	EA		500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	296,983.42	5,738.38
23 52 39 13-0020	EA		600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	347,400.21	6,265.37
23 52 39 13-0021	EA		700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	395,667.09	6,792.37

**Heating, Ventilating, and Air-Conditioning (HVAC)****23**

Central Heating Equipment

**23 50****23**

Heating Boilers

**23 52**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	442,000.56	7,319.36
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	687,906.11	7,846.35
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	748,458.90	8,373.35
<b>23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)</b>				
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	61,986.06	1,288.20
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,729.27	1,405.31
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	72,472.13	1,522.42
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	78,970.44	1,756.65
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	82,391.30	1,873.76
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	85,806.66	1,990.87
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,996.02	2,049.42
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,353.53	2,107.98
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	110,367.51	2,342.20
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	125,402.43	2,576.42
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,550.97	2,839.91
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,697.09	3,103.40
23 52 39 13-0038	EA	250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	157,924.24	3,630.40
23 52 39 13-0039	EA	300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	192,045.22	4,157.40
23 52 39 13-0040	EA	350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	207,916.34	4,684.39
23 52 39 13-0041	EA	400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,783.69	5,211.38
23 52 39 13-0042	EA	500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	297,257.51	5,738.38
23 52 39 13-0043	EA	600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	347,723.04	6,265.37
23 52 39 13-0044	EA	700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	396,035.60	6,792.37
23 52 39 13-0045	EA	800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	442,414.75	7,319.36
23 52 39 13-0046	EA	900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	688,560.85	7,846.35
23 52 39 13-0047	EA	1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	749,175.15	8,373.35
<b>23 52 39 13-0048 15 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)</b>				
23 52 39 13-0049	EA	30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	69,010.20	1,288.20
23 52 39 13-0050	EA	40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	74,282.11	1,405.31
23 52 39 13-0051	EA	50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	80,676.71	1,522.42
23 52 39 13-0052	EA	60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,802.57	1,756.65
23 52 39 13-0053	EA	70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,464.02	1,873.76
23 52 39 13-0054	EA	80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	92,119.98	1,990.87
23 52 39 13-0055	EA	90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,546.89	2,049.42
23 52 39 13-0056	EA	100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	98,974.63	2,107.98
23 52 39 13-0057	EA	125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	114,576.39	2,342.20
23 52 39 13-0058	EA	150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	130,199.10	2,576.42
23 52 39 13-0059	EA	175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	142,810.55	2,839.91
23 52 39 13-0060	EA	200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	155,416.54	3,103.40
23 52 39 13-0061	EA	250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	163,899.52	3,630.40
23 52 39 13-0062	EA	300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	199,354.42	4,157.40

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0063 EA 350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	215,798.09	4,684.39
23 52 39 13-0064 EA 400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	254,115.10	5,211.38
23 52 39 13-0065 EA 500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	308,687.27	5,738.38
23 52 39 13-0066 EA 600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	361,165.87	6,265.37
23 52 39 13-0067 EA 700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	411,406.24	6,792.37
23 52 39 13-0068 EA 800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	459,627.92	7,319.36
23 52 39 13-0069 EA 900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	715,945.50	7,846.35
23 52 39 13-0070 EA 1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	778,994.19	8,373.35
<b>23 52 39 13-0071 125 PSI Water Scotch Marine Boilers</b> <small>(23 52 39 13)</small> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
<b>23 52 39 13-0072 125 PSI Gas Fired Water Scotch Marine Boilers</b> <small>(23 52 39 13-0071)</small>		
23 52 39 13-0073 EA 40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	79,154.91	1,405.31
23 52 39 13-0074 EA 50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	88,823.42	1,522.42
23 52 39 13-0075 EA 60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	95,434.41	1,756.65
23 52 39 13-0076 EA 70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	102,586.01	1,873.76
23 52 39 13-0077 EA 80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	109,887.42	1,990.87
23 52 39 13-0078 EA 90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	115,692.87	2,049.42
23 52 39 13-0079 EA 100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	124,556.83	2,107.98
23 52 39 13-0080 EA 125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	133,638.18	2,342.20
23 52 39 13-0081 EA 150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,691.56	2,576.42
23 52 39 13-0082 EA 175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	154,986.46	2,839.91
23 52 39 13-0083 EA 200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	160,481.21	3,103.40
23 52 39 13-0084 EA 250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	194,260.10	3,630.40
23 52 39 13-0085 EA 300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,173.09	4,157.40
23 52 39 13-0086 EA 350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	243,798.42	4,684.39
23 52 39 13-0087 EA 400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	272,013.50	5,211.38
23 52 39 13-0088 EA 500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	329,558.08	5,738.38
23 52 39 13-0089 EA 600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	385,709.56	6,265.37
23 52 39 13-0090 EA 700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	439,467.48	6,792.37
23 52 39 13-0091 EA 800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	491,057.48	7,319.36
23 52 39 13-0092 EA 900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	765,942.71	7,846.35
23 52 39 13-0093 EA 1,000 HP, 33,476 125 PSI MBH Water Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	833,438.33	8,373.35
<b>23 52 39 13-0094 125 PSI Oil Fired Water Scotch Marine Boilers</b> <small>(23 52 39 13-0071)</small>		
23 52 39 13-0095 EA 40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	73,331.92	1,405.31
23 52 39 13-0096 EA 50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	82,269.50	1,522.42
23 52 39 13-0097 EA 60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	92,197.04	1,756.65
23 52 39 13-0098 EA 70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,666.45	1,873.76
23 52 39 13-0099 EA 80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,127.31	1,990.87
23 52 39 13-0100 EA 90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	111,359.13	2,049.42
23 52 39 13-0101 EA 100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	121,724.51	2,107.98



# Heating, Ventilating, and Air-Conditioning (HVAC)

23

Central Heating Equipment

23 50

Heating Boilers

23 52

23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0102	EA		125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	133,763.04	2,342.20
23 52 39 13-0103	EA		150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,825.56	2,576.42
23 52 39 13-0104	EA		175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	155,129.59	2,839.91
23 52 39 13-0105	EA		200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	160,630.44	3,103.40
23 52 39 13-0106	EA		250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	194,439.79	3,630.40
23 52 39 13-0107	EA		300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	226,383.23	4,157.40
23 52 39 13-0108	EA		350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	244,023.78	4,684.39
23 52 39 13-0109	EA		400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	272,266.28	5,211.38
23 52 39 13-0110	EA		500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	329,865.68	5,738.38
23 52 39 13-0111	EA		600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	386,071.97	6,265.37
23 52 39 13-0112	EA		700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	439,881.66	6,792.37
23 52 39 13-0113	EA		800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	491,520.39	7,319.36
23 52 39 13-0114	EA		900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	766,676.54	7,846.35
23 52 39 13-0115	EA		1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	834,238.08	8,373.35
<b>23 52 39 13-0116</b>			<b>125 PSI Gas/Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)</b>		
23 52 39 13-0117	EA		40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	81,700.95	1,405.31
23 52 39 13-0118	EA		50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	91,686.19	1,522.42
23 52 39 13-0119	EA		60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	99,104.24	1,756.65
23 52 39 13-0120	EA		70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,057.88	1,873.76
23 52 39 13-0121	EA		80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	113,006.02	1,990.87
23 52 39 13-0122	EA		90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	119,725.12	2,049.42
23 52 39 13-0123	EA		100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	126,445.03	2,107.98
23 52 39 13-0124	EA		125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	138,946.48	2,342.20
23 52 39 13-0125	EA		150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	151,471.91	2,576.42
23 52 39 13-0126	EA		175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	161,120.09	2,839.91
23 52 39 13-0127	EA		200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	166,806.71	3,103.40
23 52 39 13-0128	EA		250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	201,937.81	3,630.40
23 52 39 13-0129	EA		300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	235,123.82	4,157.40
23 52 39 13-0130	EA		350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	253,410.02	4,684.39
23 52 39 13-0131	EA		400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	282,742.80	5,211.38
23 52 39 13-0132	EA		500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	342,656.78	5,738.38
23 52 39 13-0133	EA		600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	401,113.70	6,265.37
23 52 39 13-0134	EA		700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	457,079.60	6,792.37
23 52 39 13-0135	EA		800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	510,780.14	7,319.36
23 52 39 13-0136	EA		900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	797,317.30	7,846.35
23 52 39 13-0137	EA		1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	867,598.84	8,373.35
<b>23 52 39 13-0138</b>			<b>150 PSI Steam Scotch Marine Boilers (23 52 39 13)</b> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
<b>23 52 39 13-0139</b>			<b>150 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0138)</b>		
23 52 39 13-0140	EA		40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	91,891.19	1,405.31



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0141 EA 50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	99,808.54	1,522.42
23 52 39 13-0142 EA 60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	104,104.95	1,756.65
23 52 39 13-0143 EA 70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	109,048.56	1,873.76
23 52 39 13-0144 EA 80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	114,120.67	1,990.87
23 52 39 13-0145 EA 90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	117,648.08	2,049.42
23 52 39 13-0146 EA 100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	124,255.32	2,107.98
23 52 39 13-0147 EA 125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	140,536.24	2,342.20
23 52 39 13-0148 EA 150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	159,783.08	2,576.42
23 52 39 13-0149 EA 175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	175,245.12	2,839.91
23 52 39 13-0150 EA 200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	190,704.75	3,103.40
23 52 39 13-0151 EA 250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	200,759.20	3,630.40
23 52 39 13-0152 EA 300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	244,443.05	4,157.40
23 52 39 13-0153 EA 350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	264,402.83	4,684.39
23 52 39 13-0154 EA 400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	311,678.10	5,211.38
23 52 39 13-0155 EA 500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	379,202.78	5,738.38
23 52 39 13-0156 EA 600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	444,091.79	6,265.37
23 52 39 13-0157 EA 700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	506,218.74	6,792.37
23 52 39 13-0158 EA 800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	565,818.41	7,319.36
23 52 39 13-0159 EA 900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	884,867.34	7,846.35
23 52 39 13-0160 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	962,926.62	8,373.35
<b>23 52 39 13-0161 150 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0138)</b>		
23 52 39 13-0162 EA 40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	85,060.14	1,405.31
23 52 39 13-0163 EA 50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	92,386.65	1,522.42
23 52 39 13-0164 EA 60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	100,550.85	1,756.65
23 52 39 13-0165 EA 70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	104,861.00	1,873.76
23 52 39 13-0166 EA 80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	109,162.59	1,990.87
23 52 39 13-0167 EA 90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	113,235.16	2,049.42
23 52 39 13-0168 EA 100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	121,429.10	2,107.98
23 52 39 13-0169 EA 125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	140,667.19	2,342.20
23 52 39 13-0170 EA 150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	159,932.31	2,576.42
23 52 39 13-0171 EA 175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	175,409.58	2,839.91
23 52 39 13-0172 EA 200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	190,884.43	3,103.40
23 52 39 13-0173 EA 250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	200,944.98	3,630.40
23 52 39 13-0174 EA 300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	244,671.46	4,157.40
23 52 39 13-0175 EA 350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	264,649.51	4,684.39
23 52 39 13-0176 EA 400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	311,970.46	5,211.38
23 52 39 13-0177 EA 500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	379,559.10	5,738.38
23 52 39 13-0178 EA 600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	444,512.07	6,265.37
23 52 39 13-0179 EA 700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	506,696.89	6,792.37
23 52 39 13-0180 EA 800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	566,354.42	7,319.36
23 52 39 13-0181 EA 900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	885,719.81	7,846.35





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0182 EA 1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler ..... Note: Burnham Series 3. Fire tested factory assembled unit.	963,858.19	8,373.35
<b>23 52 39 13-0183 150 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0138)</b>		
23 52 39 13-0184 EA 40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	94,878.83	1,405.31
23 52 39 13-0185 EA 50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	103,051.99	1,522.42
23 52 39 13-0186 EA 60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	108,134.14	1,756.65
23 52 39 13-0187 EA 70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	112,754.93	1,873.76
23 52 39 13-0188 EA 80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	117,367.17	1,990.87
23 52 39 13-0189 EA 90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	121,753.42	2,049.42
23 52 39 13-0190 EA 100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	126,137.44	2,107.98
23 52 39 13-0191 EA 125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	146,139.96	2,342.20
23 52 39 13-0192 EA 150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	166,166.45	2,576.42
23 52 39 13-0193 EA 175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	182,243.68	2,839.91
23 52 39 13-0194 EA 200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	198,321.54	3,103.40
23 52 39 13-0195 EA 250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	208,714.05	3,630.40
23 52 39 13-0196 EA 300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	254,173.42	4,157.40
23 52 39 13-0197 EA 350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	274,894.57	4,684.39
23 52 39 13-0198 EA 400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	324,100.69	5,211.38
23 52 39 13-0199 EA 500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	394,421.14	5,738.38
23 52 39 13-0200 EA 600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	461,987.15	6,265.37
23 52 39 13-0201 EA 700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	526,678.41	6,792.37
23 52 39 13-0202 EA 800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	588,732.75	7,319.36
23 52 39 13-0203 EA 900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	921,317.23	7,846.35
23 52 39 13-0204 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	1,002,619.43	8,373.35

**23 53 Heating Boiler Feedwater Equipment (23 50)**

**23 53 13 Boiler Feedwater Pumps (23 53)**  
See CSI section 23 53 16 00-0001 for boiler feedwater units.

**23 53 16 Deaerators (23 53)**

**23 53 16 00-0001 Boiler Feed System (23 53 16)**

**23 53 16 00-0002 Low Pressure Boiler Feed System (23 53 16 00-0001)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0003 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	6,944.62	1,326.45
23 53 16 00-0004 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	7,494.54	1,562.70
23 53 16 00-0005 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	8,051.94	1,617.44
23 53 16 00-0006 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	8,308.95	1,676.79
23 53 16 00-0007 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	8,791.99	1,792.04
23 53 16 00-0008 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	14,085.37	1,941.85
23 53 16 00-0009 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	15,895.03	2,074.39
23 53 16 00-0010 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	18,222.39	2,362.49
23 53 16 00-0011 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	20,054.21	2,535.36
23 53 16 00-0012 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System .....	21,606.93	2,708.23

**23 53 16 00-0013 High Pressure Boiler Feed System (23 53 16 00-0001)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0014 EA 10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	9,654.85	1,130.89
23 53 16 00-0015 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	10,056.11	1,326.45
23 53 16 00-0016 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	11,188.27	1,562.70
23 53 16 00-0017 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,093.65	1,617.44
23 53 16 00-0018 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	12,304.11	1,676.79
23 53 16 00-0019 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,857.28	1,792.04
23 53 16 00-0020 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	19,343.42	1,941.85
23 53 16 00-0021 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	19,840.13	2,074.39
23 53 16 00-0022 EA 183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	21,827.43	2,221.44
23 53 16 00-0023 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	23,489.45	2,362.49

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 53 Heating Boiler Feedwater Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 53 16 00-0024 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	25,127.91	2,535.36
23 53 16 00-0025 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	27,109.00	2,708.23
<b>23 53 16 00-0026 Boiler Feedwater System</b> <sup>(23 53 16)</sup> Note: With deaerator includes pumps and accessories.		
23 53 16 00-0027 EA 1,380 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	12,059.33	1,562.70
23 53 16 00-0028 EA 2,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	15,732.26	1,790.31
23 53 16 00-0029 EA 4,300 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	20,777.32	2,049.03
23 53 16 00-0030 EA 6,900 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	24,999.29	2,363.65
23 53 16 00-0031 EA 8,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	26,530.75	2,535.36
23 53 16 00-0032 EA 11,000 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	27,986.85	2,708.23
23 53 16 00-0033 EA 13,800 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	31,153.43	3,111.70
23 53 16 00-0034 EA 17,250 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	40,312.09	3,572.78
23 53 16 00-0035 EA 20,700 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	52,362.04	4,128.27
23 53 16 00-0036 EA 27,600 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	66,312.34	4,738.82
23 53 16 00-0037 EA 34,500 Lb./Hour Feedwater System With Deaerator, Pumps, And Accessories.....	85,022.75	5,452.18
<b>23 53 16 00-0038 Duplex Vacuum Condensate Pumps</b> <sup>(23 53 16)</sup>		
23 53 16 00-0039 EA 7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	33,722.43	921.95
23 53 16 00-0040 EA 9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	34,477.57	979.57
23 53 16 00-0041 EA 12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	35,349.06	1,037.19
23 53 16 00-0042 EA 18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump..... Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	34,119.39	1,094.82
23 53 16 00-0043 EA 28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	46,399.64	1,152.44
23 53 16 00-0044 EA 42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	48,841.77	1,210.06
<b>23 54 Furnaces</b> <sup>(23 50)</sup> Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.		
<b>23 54 13 Electric-Resistance Furnaces</b> <sup>(23 54)</sup>		
<b>23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace</b> <sup>(23 54 13)</sup>		
23 54 13 00-0002 EA Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace ..... Note: Excludes cooling equipment.	1,175.35	107.37
23 54 13 00-0003 EA >2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace ..... Note: Excludes cooling equipment.	1,554.10	134.21
23 54 13 00-0004 EA >3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace ..... Note: Excludes cooling equipment.	2,012.76	161.06
<b>23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace</b> <sup>(23 54 13)</sup>		
23 54 13 00-0006 EA Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace..... Note: Excludes cooling equipment.	1,175.35	107.37
23 54 13 00-0007 EA >2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace ..... Note: Excludes cooling equipment.	1,407.18	120.79
23 54 13 00-0008 EA >2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace ..... Note: Excludes cooling equipment.	1,537.45	134.21
23 54 13 00-0009 EA >3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace..... Note: Excludes cooling equipment.	1,607.78	147.64
23 54 13 00-0010 EA >3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace ..... Note: Excludes cooling equipment.	2,012.76	161.06
<b>23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace</b> <sup>(23 54 13)</sup>		
23 54 13 00-0012 EA 5 KW Heating Coil For Air Handler/Electric Furnace .....	207.66	29.03
23 54 13 00-0013 EA 7 KW Heating Coil For Air Handler/Electric Furnace .....	237.58	31.93
23 54 13 00-0014 EA 10 KW Heating Coil For Air Handler/Electric Furnace .....	257.51	34.83
23 54 13 00-0015 EA 15 KW Heating Coil For Air Handler/Electric Furnace .....	352.38	37.73
23 54 13 00-0016 EA 20 KW Heating Coil For Air Handler/Electric Furnace .....	380.63	40.63
<b>23 54 16 Fuel-Fired Furnaces</b> <sup>(23 54)</sup>		
<b>23 54 16 13 Gas-Fired Furnaces</b> <sup>(23 54 16)</sup>		
<b>23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces</b> <sup>(23 54 16 13)</sup> Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0003 EA 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,860.89	93.95
23 54 16 13-0004 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,981.16	107.37
23 54 16 13-0005 EA 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	2,286.25	120.79
23 54 16 13-0006 EA 100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,671.65	147.64
23 54 16 13-0007 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,850.21	161.06
<b>23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0009 EA 40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	2,073.98	93.95
23 54 16 13-0010 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	2,270.85	107.37
23 54 16 13-0011 EA 80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	2,407.40	120.79
23 54 16 13-0012 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3.5 tons.	3,087.97	134.21
23 54 16 13-0013 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,839.80	147.64
23 54 16 13-0014 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,993.39	161.06
<b>23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0016 EA 45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,824.18	93.95
23 54 16 13-0017 EA 70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	2,094.31	107.37
23 54 16 13-0018 EA 90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	2,268.27	134.21
23 54 16 13-0019 EA 90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,421.85	147.64
<b>23 54 16 13-0020 Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0021 EA 40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	2,400.30	93.95
23 54 16 13-0022 EA 60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	2,527.25	107.37
23 54 16 13-0023 EA 80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	2,814.02	120.79
23 54 16 13-0024 EA 100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	3,071.22	147.64
23 54 16 13-0025 EA 120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	3,291.40	161.06
<b>23 54 16 13-0026 Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0027 EA 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,657.76	93.95
23 54 16 13-0028 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,746.41	107.37
23 54 16 13-0029 EA 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,948.28	120.79
23 54 16 13-0030 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,964.92	120.79
23 54 16 13-0031 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,143.47	134.21
23 54 16 13-0032 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,258.76	147.64
23 54 16 13-0033 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	2,394.02	161.06
<b>23 54 16 13-0034 Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace <sup>(23 54 16 13-0001)</sup></b>		
23 54 16 13-0035 EA 40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,146.63	93.95
23 54 16 13-0036 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,253.60	107.37
23 54 16 13-0037 EA 60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,433.82	120.79
23 54 16 13-0038 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,435.49	120.79
23 54 16 13-0039 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	1,575.74	134.21
23 54 16 13-0040 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	1,616.10	147.64

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 54 Furnaces**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0041	EA		120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,796.32	161.06
<b>23 54 16 13-0042</b>			<b>Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (23 54 16 13-0001)</b>		
23 54 16 13-0043	EA		40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,163.28	93.95
23 54 16 13-0044	EA		60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 3 tons.	1,258.59	107.37
23 54 16 13-0045	EA		80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 4 tons.	1,508.74	120.79
23 54 16 13-0046	EA		100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace ..... Note: Blower cooling capacity up to 5 tons.	1,660.65	134.21
<b>23 54 16 13-0047</b>			<b>75% AFUE Gas Wall/Recessed Furnace (23 54 16 13-0001)</b>		
23 54 16 13-0048	EA		35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace .....	1,988.59	80.53
23 54 16 13-0049	EA		55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace .....	2,293.88	100.71
23 54 16 13-0050	EA		35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,797.13	80.53
23 54 16 13-0051	EA		40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,920.54	87.29
23 54 16 13-0052	EA		50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,902.43	93.95
23 54 16 13-0053	EA		65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,959.32	100.71
23 54 16 13-0054	EA		75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	2,029.37	100.71
<b>23 54 16 13-0055</b>			<b>Gas Fired Indoor Duct Furnace (23 54 16 13-0001)</b> Note: Includes burner, controls and electronic ignition.		
<b>23 54 16 13-0056</b>			<b>Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0005)</b>		
23 54 16 13-0057	EA		100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	2,763.38	209.38
23 54 16 13-0058	EA		150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,068.39	257.69
23 54 16 13-0059	EA		200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,451.79	370.43
23 54 16 13-0060	EA		250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,892.84	418.75
23 54 16 13-0061	EA		300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	4,539.27	483.18
23 54 16 13-0062	EA		350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	4,968.82	579.81
23 54 16 13-0063	EA		400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	5,623.87	773.08
<b>23 54 16 13-0064</b>			<b>Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055)</b> Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065	EA		100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,105.14	209.38
23 54 16 13-0066	EA		150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,405.05	257.69
23 54 16 13-0067	EA		200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	3,914.28	370.43
23 54 16 13-0068	EA		250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	4,438.64	418.75
23 54 16 13-0069	EA		300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	5,481.25	483.18
23 54 16 13-0070	EA		350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	5,990.72	579.81
23 54 16 13-0071	EA		400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace .....	6,589.65	773.08
<b>23 54 16 16</b>			<b>Oil-Fired Furnaces (23 54 16)</b>		
<b>23 54 16 16-0001</b>			<b>Oil Fired Forced Air Furnaces (23 54 16 16)</b> Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
<b>23 54 16 16-0002</b>			<b>Up Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)</b>		
23 54 16 16-0003	EA		72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace..... Note: Blower cooling capacity up to 3 tons.	3,213.19	107.37
23 54 16 16-0004	EA		95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 4 tons.	3,410.86	147.64
23 54 16 16-0005	EA		126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	3,936.12	174.48
<b>23 54 16 16-0006</b>			<b>Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)</b>		
23 54 16 16-0007	EA		95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace ..... Note: Blower cooling capacity up to 3 tons.	3,720.54	147.64
23 54 16 16-0008	EA		126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace ..... Note: Blower cooling capacity up to 5 tons.	3,747.99	174.48
<b>23 54 16 16-0009</b>			<b>Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)</b>		
23 54 16 16-0010	EA		95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace ..... Note: Blower cooling capacity up to 4 tons.	3,214.41	147.64
23 54 16 16-0011	EA		127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace ..... Note: Blower cooling capacity up to 5 tons.	3,816.25	174.48
<b>23 54 19</b>			<b>Furnace Accessories (23 54)</b>		
23 54 19 00-0001	EA		LP Gas Furnace Conversion Kit .....	199.56	26.84
23 54 19 00-0002	EA		1" Furnace External Filter Rack .....	61.65	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 54 19 00-0003	EA	Removal And Reinstallation Of Forced Air Furnace .....	497.09	
Note: Includes storage and cleaning. Excludes ductwork.				

**23 55 Fuel-Fired Heaters** (23 50)

**23 55 23 Gas-Fired Radiant Heaters** (23 55)

**23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters** (23 55 23)

23 55 23 13-0001	EA	Infrared Heaters-Radiant Energy <small>(23 55 23 13)</small> Note: For spot localized or total heating, ceiling hung units, no fan required.		
<b>23 55 23 13-0002 Gas Fired Electric Ignition Infrared Gas Heater</b> <small>(23 55 23 13-0001)</small>				
Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.				
23 55 23 13-0003	EA	15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	961.02	115.24
23 55 23 13-0004	EA	37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,062.48	126.77
23 55 23 13-0005	EA	50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,135.89	126.77
23 55 23 13-0006	EA	75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,424.24	152.12
23 55 23 13-0007	EA	100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,436.61	152.12

<b>23 55 23 13-0008 Rolled Steel Or Aluminum Housing Infrared Electric Heater</b> <small>(23 55 23 13-0001)</small>				
Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.				
23 55 23 13-0009	EA	1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,058.45	118.10
For Stainless Steel Housing, Add			175.14	
23 55 23 13-0010	EA	3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,133.90	118.10
For Stainless Steel Housing, Add			194.00	
23 55 23 13-0011	EA	5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,220.12	118.10
For Stainless Steel Housing, Add			215.55	
23 55 23 13-0012	EA	7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,323.77	118.10
For Stainless Steel Housing, Add			241.47	
23 55 23 13-0013	EA	10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,446.70	128.84
For Stainless Steel Housing, Add			269.06	
23 55 23 13-0014	EA	13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	1,545.94	139.58
For Stainless Steel Housing, Add			289.76	
23 55 23 13-0015	EA	24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required .....	2,499.61	150.33
For Stainless Steel Housing, Add			517.43	

<b>23 55 23 13-0016 Gas Fired Tubular Infrared Heater</b> <small>(23 55 23 13-0001)</small>				
Note: Per Tube Length. Includes controls and supports.				
<b>23 55 23 13-0017 "U" Package</b> <small>(23 55 23 13-0016)</small>				
23 55 23 13-0018	LF	Up To 75 MBH Input Radiant Heater .....	93.15	5.76
23 55 23 13-0019	LF	76 To 105 MBH Input Radiant Heater.....	107.44	6.91
23 55 23 13-0020	LF	106 To 130 MBH Input Radiant Heater.....	131.43	8.07

<b>23 55 23 13-0021 "S" Straight Package</b> <small>(23 55 23 13-0016)</small>				
23 55 23 13-0022	LF	Up To 75 MBH Input Radiant Heater.....	75.67	4.61
23 55 23 13-0023	LF	76 To 105 MBH Input Radiant Heater.....	96.41	5.76
23 55 23 13-0024	LF	106 To 130 MBH Input Radiant Heater.....	117.13	6.91

**23 55 33 Fuel-Fired Unit Heaters** (23 55)

**23 55 33 13 Oil-Fired Unit Heaters** (23 55 33)

<b>23 55 33 13-0001 Oil Fired Unit Heater</b> <small>(23 55 33 13)</small>				
<b>23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt, 1 phase</b> <small>(23 55 33 13-0001)</small>				
23 55 33 13-0003	EA	97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	6,039.60	530.69
For 3 Phase, 460 Volt, Add			642.19	
23 55 33 13-0004	EA	142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	6,487.00	583.76
For 3 Phase, 460 Volt, Add			686.23	
23 55 33 13-0005	EA	188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	6,973.45	636.83
For 3 Phase, 460 Volt, Add			735.24	

**23 55 33 16 Gas-Fired Unit Heaters** (23 55 33)

<b>23 55 33 16-0001 Gas Fired Unit Heaters</b> <small>(23 55 33 16)</small>				
<b>23 55 33 16-0002 Horizontal Fan Propelled Natural Gas Fired Unit Heaters, 115 Vol, 1 phase</b> <small>(23 55 33 16-0001)</small>				
Note: 80 to 83 percent thermal efficiency, single stage, propeller unit, aluminum steel heat exchanger				
23 55 33 16-0003	EA	24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,752.00	199.01
For 90 Percent Efficiency, Add			788.59	
For Stainless Steel Heat Exchanger, Add			205.97	
For 30 Degree, Downward Air Deflection Hood, Add			56.50	
For 60 Degree, Downward Air Deflection Hood, Add			90.63	
For 90 Degree, Downward Air Deflection Hood, Add			135.35	
For 3 Phase, 460 Volt, Add			303.66	
For Quick-Swivel Flush Mount With Brackets, Add			175.00	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 50 Central Heating Equipment**

**23 55 Fuel-Fired Heaters**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 55 33 16-0004	EA	36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,993.36		238.82
		<i>For 90 Percent Efficiency, Add</i>	842.79		
		<i>For Stainless Steel Heat Exchanger, Add</i>	220.13		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	60.38		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	96.86		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	144.66		
		<i>For 3 Phase, 460 Volt, Add</i>	324.54		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0005	EA	48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,042.67		238.82
		<i>For Blower Unit Model, Add</i>	243.68		
		<i>For 90 Percent Efficiency, Add</i>	859.31		
		<i>For Stainless Steel Heat Exchanger, Add</i>	224.45		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	61.56		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	98.76		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	147.49		
		<i>For 3 Phase, 460 Volt, Add</i>	330.90		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0006	EA	60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,307.79		278.61
		<i>For Blower Unit Model, Add</i>	261.30		
		<i>For 90 Percent Efficiency, Add</i>	921.44		
		<i>For Stainless Steel Heat Exchanger, Add</i>	240.67		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	66.01		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	105.90		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	158.16		
		<i>For 3 Phase, 460 Volt, Add</i>	354.82		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0007	EA	72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,628.07		318.42
		<i>For Blower Unit Model, Add</i>	284.17		
		<i>For 90 Percent Efficiency, Add</i>	1,002.08		
		<i>For Stainless Steel Heat Exchanger, Add</i>	261.74		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	71.79		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	115.16		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	172.00		
		<i>For 3 Phase, 460 Volt, Add</i>	385.88		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0008	EA	81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,896.75		338.32
		<i>For Blower Unit Model, Add</i>	305.92		
		<i>For 90 Percent Efficiency, Add</i>	1,078.76		
		<i>For Stainless Steel Heat Exchanger, Add</i>	281.77		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	77.28		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	123.98		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	185.16		
		<i>For 3 Phase, 460 Volt, Add</i>	415.40		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0009	EA	101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,021.08		338.32
		<i>For Blower Unit Model, Add</i>	317.73		
		<i>For 90 Percent Efficiency, Add</i>	1,120.41		
		<i>For Stainless Steel Heat Exchanger, Add</i>	292.64		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	80.27		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	128.76		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	192.31		
		<i>For 3 Phase, 460 Volt, Add</i>	431.44		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0010	EA	121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,134.61		338.32
		<i>For Blower Unit Model, Add</i>	328.51		
		<i>For 90 Percent Efficiency, Add</i>	1,158.44		
		<i>For Stainless Steel Heat Exchanger, Add</i>	302.58		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	82.99		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	133.13		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	198.84		
		<i>For 3 Phase, 460 Volt, Add</i>	446.09		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0011	EA	141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt.....	4,694.25		358.22
		<i>For Blower Unit Model, Add</i>	377.90		
		<i>For 90 Percent Efficiency, Add</i>	1,332.59		
		<i>For Stainless Steel Heat Exchanger, Add</i>	348.06		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	95.47		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	153.15		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	228.73		
		<i>For 3 Phase, 460 Volt, Add</i>	513.15		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		
23 55 33 16-0012	EA	162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,179.64		358.22
		<i>For Blower Unit Model, Add</i>	424.01		
		<i>For 90 Percent Efficiency, Add</i>	1,495.19		
		<i>For Stainless Steel Heat Exchanger, Add</i>	390.54		
		<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	107.12		
		<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	171.84		
		<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	256.64		
		<i>For 3 Phase, 460 Volt, Add</i>	575.76		
		<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 33 16-0013 EA 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,582.16	358.22
<i>For Blower Unit Model, Add</i>	462.25	
<i>For 90 Percent Efficiency, Add</i>	1,630.04	
<i>For Stainless Steel Heat Exchanger, Add</i>	425.76	
<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	116.78	
<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	187.33	
<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	279.78	
<i>For 3 Phase, 460 Volt, Add</i>	627.69	
<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00	
23 55 33 16-0014 EA 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	6,699.78	398.03
<i>For Blower Unit Model, Add</i>	560.85	
<i>For 90 Percent Efficiency, Add</i>	1,977.73	
<i>For Stainless Steel Heat Exchanger, Add</i>	516.57	
<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	141.69	
<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	227.29	
<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	339.46	
<i>For 3 Phase, 460 Volt, Add</i>	761.57	
<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00	
23 55 33 16-0015 EA 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	7,611.37	398.03
<i>For Blower Unit Model, Add</i>	647.45	
<i>For 90 Percent Efficiency, Add</i>	2,283.11	
<i>For Stainless Steel Heat Exchanger, Add</i>	596.33	
<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	163.57	
<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	262.39	
<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	391.88	
<i>For 3 Phase, 460 Volt, Add</i>	879.17	
<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00	
23 55 33 16-0016 EA 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt .....	8,156.57	437.82
<i>For Blower Unit Model, Add</i>	691.69	
<i>For 90 Percent Efficiency, Add</i>	2,439.11	
<i>For Stainless Steel Heat Exchanger, Add</i>	637.08	
<i>For 30 Degree, Downward Air Deflection Hood, Add</i>	174.74	
<i>For 60 Degree, Downward Air Deflection Hood, Add</i>	280.32	
<i>For 90 Degree, Downward Air Deflection Hood, Add</i>	418.65	
<i>For 3 Phase, 460 Volt, Add</i>	939.24	
<i>For Quick-Swivel Flush Mount With Brackets, Add</i>	175.00	
<b>23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters</b> <small>(23 55 33 16)</small>		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 16-0018 EA Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater .....	662.65	
23 55 33 16-0019 EA Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater .....	893.14	

**23 57 Heat Exchangers for HVAC** (23 50)

**23 57 13 Steam-To-Steam Heat Exchangers** (23 57)

<b>23 57 13 00-0001 Steam Generator Heat Exchanger</b> <small>(23 57 13)</small>		
Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002 EA 75 Lb./Hour Steam Generator Heat Exchanger, 35 PSI .....	22,249.12	1,843.90
23 57 13 00-0003 EA 300 Lb./Hour Steam Generator Heat Exchanger, 35 PSI .....	30,123.89	1,959.14
23 57 13 00-0004 EA 525 Lb./Hour Steam Generator Heat Exchanger, 35 PSI .....	40,670.84	2,440.93

**23 57 16 Steam-To-Water Heat Exchangers** (23 57)

<b>23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI</b> <small>(23 57 16)</small>		
Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002 EA 8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	2,594.28	288.11
<i>For Bronze Head And Tube Sheet, Add</i>	994.56	
<i>For Copper Nickel Tubes, Add</i>	221.01	
<i>For Double Wall Tube Bundles, Add</i>	331.52	
23 57 16 00-0003 EA 10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	3,807.74	288.11
<i>For Bronze Head And Tube Sheet, Add</i>	1,506.04	
<i>For Copper Nickel Tubes, Add</i>	334.68	
<i>For Double Wall Tube Bundles, Add</i>	502.01	
23 57 16 00-0004 EA 40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	5,754.22	403.36
<i>For Bronze Head And Tube Sheet, Add</i>	2,330.10	
<i>For Copper Nickel Tubes, Add</i>	517.80	
<i>For Double Wall Tube Bundles, Add</i>	776.70	
23 57 16 00-0005 EA 64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	9,045.75	403.36
<i>For Bronze Head And Tube Sheet, Add</i>	3,551.99	
<i>For Copper Nickel Tubes, Add</i>	789.33	
<i>For Double Wall Tube Bundles, Add</i>	1,184.00	
23 57 16 00-0006 EA 96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	11,922.86	474.81
<i>For Bronze Head And Tube Sheet, Add</i>	4,717.04	
<i>For Copper Nickel Tubes, Add</i>	1,048.23	
<i>For Double Wall Tube Bundles, Add</i>	1,572.35	
23 57 16 00-0007 EA 120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube .....	15,687.24	605.12
<i>For Bronze Head And Tube Sheet, Add</i>	6,194.67	
<i>For Copper Nickel Tubes, Add</i>	1,376.59	
<i>For Double Wall Tube Bundles, Add</i>	2,064.89	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 50 Central Heating Equipment****23 57 Heat Exchangers for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0008	EA		168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	19,357.81	908.25
			<i>For Bronze Head And Tube Sheet, Add</i>	7,587.05	
			<i>For Copper Nickel Tubes, Add</i>	1,686.01	
			<i>For Double Wall Tube Bundles, Add</i>	2,529.02	
23 57 16 00-0009	EA		240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	29,391.06	908.25
			<i>For Bronze Head And Tube Sheet, Add</i>	11,821.02	
			<i>For Copper Nickel Tubes, Add</i>	2,626.89	
			<i>For Double Wall Tube Bundles, Add</i>	3,940.34	

**23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)****23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)****23 57 19 13-0001 Plate And Frame Heat Exchanger (23 57 19 13)**

23 57 19 13-0002	EA		8" W x 18-7/8"H Plate And Frame Heat Exchanger.....	4,094.21	288.11
23 57 19 13-0003	EA		8" W x 24-9/16"H Plate And Frame Heat Exchanger.....	5,467.09	288.11
23 57 19 13-0004	EA		11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger.....	7,298.39	345.74
23 57 19 13-0005	EA		16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger.....	9,930.24	374.55
23 57 19 13-0006	EA		16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	10,874.09	374.55
23 57 19 13-0007	EA		24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	14,192.37	403.36
23 57 19 13-0008	EA		26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	14,964.62	403.36
23 57 19 13-0009	EA		24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	18,511.96	460.98
23 57 19 13-0010	EA		24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	22,659.96	518.59
23 57 19 13-0011	EA		26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	23,518.01	518.59
23 57 19 13-0012	EA		24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	29,135.46	613.06
23 57 19 13-0013	EA		26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	35,180.71	674.26
23 57 19 13-0014	EA		40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	40,625.19	735.45

**23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger (23 57 19)****23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19)**

<sup>19</sup>  
Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.

23 57 19 19-0002	EA		7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	3,099.45	288.11
			<i>For Copper Nickel Tubes, Add</i>	271.53	
			<i>For Double Wall Tube Bundles, Add</i>	407.30	
23 57 19 19-0003	EA		16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,312.92	288.11
			<i>For Copper Nickel Tubes, Add</i>	385.19	
			<i>For Double Wall Tube Bundles, Add</i>	577.79	
23 57 19 19-0004	EA		34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	6,448.83	403.36
			<i>For Copper Nickel Tubes, Add</i>	587.26	
			<i>For Double Wall Tube Bundles, Add</i>	880.89	
23 57 19 19-0005	EA		55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	9,229.92	403.36
			<i>For Copper Nickel Tubes, Add</i>	846.16	
			<i>For Double Wall Tube Bundles, Add</i>	1,269.24	
23 57 19 19-0006	EA		74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,421.29	460.98
			<i>For Copper Nickel Tubes, Add</i>	1,041.92	
			<i>For Double Wall Tube Bundles, Add</i>	1,562.88	
23 57 19 19-0007	EA		86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	15,231.61	460.98
			<i>For Copper Nickel Tubes, Add</i>	1,401.85	
			<i>For Double Wall Tube Bundles, Add</i>	2,102.78	
23 57 19 19-0008	EA		112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	18,897.66	454.12
			<i>For Copper Nickel Tubes, Add</i>	1,742.84	
			<i>For Double Wall Tube Bundles, Add</i>	2,614.26	
23 57 19 19-0009	EA		126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	23,506.47	454.12
			<i>For Copper Nickel Tubes, Add</i>	2,172.24	
			<i>For Double Wall Tube Bundles, Add</i>	3,258.36	
23 57 19 19-0010	EA		152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	30,055.09	454.12
			<i>For Copper Nickel Tubes, Add</i>	2,778.45	
			<i>For Double Wall Tube Bundles, Add</i>	4,167.67	

**23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)****23 57 19 23-0001 Heat Exchanger Refrigerant To Water (23 57 19 23)**

23 57 19 23-0002	EA		10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	3,500.46	230.49
			<i>For Copper Nickel Tubes, Add</i>	303.95	
			<i>For Double Wall Tube Bundles, Add</i>	455.92	
23 57 19 23-0003	EA		53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	9,364.46	384.11
			<i>For Copper Nickel Tubes, Add</i>	859.62	
			<i>For Double Wall Tube Bundles, Add</i>	1,289.43	
23 57 19 23-0004	EA		70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	12,621.24	501.08
			<i>For Copper Nickel Tubes, Add</i>	1,162.09	
			<i>For Double Wall Tube Bundles, Add</i>	1,743.13	
23 57 19 23-0005	EA		87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	13,527.84	606.52
			<i>For Copper Nickel Tubes, Add</i>	1,231.73	
			<i>For Double Wall Tube Bundles, Add</i>	1,847.60	
23 57 19 23-0006	EA		105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	16,326.96	721.26
			<i>For Copper Nickel Tubes, Add</i>	1,486.12	
			<i>For Double Wall Tube Bundles, Add</i>	2,229.18	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 60 Central Cooling Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors (23 60)

23 61 16 Reciprocating Refrigerant Compressors (23 61)

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors (23 61 16)

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

Table with 4 columns: CSI UOM, Description, Unit Cost, Demolition Unit Cost. Lists various reciprocating open type refrigerant compressors from 1/4 ton to 250 tons.

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors (23 61 16)

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons (23 61 16 00-0041)

Table with 4 columns: CSI UOM, Description, Unit Cost, Demolition Unit Cost. Lists various reciprocating hermetic type refrigerant compressors from 1/4 ton to 4-1/2 tons.

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors (23 61 16 00-0041)

Table with 4 columns: CSI UOM, Description, Unit Cost, Demolition Unit Cost. Lists various reciprocating hermetic type refrigerant compressors from 5 ton to 35 tons.

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 61 Refrigerant Compressors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0065	EA		40 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	25,478.43	1,360.10
23 61 16 00-0066	EA		50 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	31,470.87	1,586.78
23 61 16 00-0067	EA		60 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	35,433.00	1,700.12
23 61 16 00-0068	EA		70 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	37,438.30	1,781.70
23 61 16 00-0069	EA		75 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	38,486.68	1,869.72
23 61 16 00-0070	EA		80 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	39,580.67	1,876.97
23 61 16 00-0071	EA		90 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	41,577.01	1,965.30
23 61 16 00-0072	EA		100 Ton Refrigerant Compressor, Reciprocating Hermetic Type .....	43,593.65	2,046.58

**23 61 19 Scroll Refrigerant Compressors (23 61)****23 61 19 00-0001 Scroll Refrigerant Compressors (23 61 19)**

23 61 19 00-0002	EA		Up To 3 Ton Scroll Refrigerant Compressor .....	1,449.47	174.61
23 61 19 00-0003	EA		3.5 Ton Scroll Refrigerant Compressor .....	1,519.56	185.84
23 61 19 00-0004	EA		4 Ton Scroll Refrigerant Compressor .....	1,556.25	196.56
23 61 19 00-0005	EA		4.5 Ton Scroll Refrigerant Compressor .....	1,586.53	202.18
23 61 19 00-0006	EA		5 Ton Scroll Refrigerant Compressor .....	1,965.17	255.27
23 61 19 00-0007	EA		7.5 Ton Scroll Refrigerant Compressor .....	3,750.68	382.91
23 61 19 00-0008	EA		8.75 Ton Scroll Refrigerant Compressor .....	4,290.68	446.73
23 61 19 00-0009	EA		10 Ton Scroll Refrigerant Compressor .....	4,806.38	510.55
23 61 19 00-0010	EA		12 Ton Scroll Refrigerant Compressor .....	5,809.11	612.65
23 61 19 00-0011	EA		13.5 Ton Scroll Refrigerant Compressor .....	6,852.27	689.23
23 61 19 00-0012	EA		15 Ton Scroll Refrigerant Compressor .....	8,040.76	765.82
23 61 19 00-0013	EA		20 Ton Scroll Refrigerant Compressor .....	11,337.01	1,021.09
23 61 19 00-0014	EA		25 Ton Scroll Refrigerant Compressor .....	12,770.62	1,276.36
23 61 19 00-0015	EA		30 Ton Scroll Refrigerant Compressor .....	13,640.46	1,531.64

**23 61 23 Rotary-Screw Refrigerant Compressors (23 61)****23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors (23 61 23)**

23 61 23 00-0002	EA		75 Ton Refrigerant Compressor, Rotary Screw Type .....	44,959.62	2,601.24
23 61 23 00-0003	EA		80 Ton Refrigerant Compressor, Rotary Screw Type .....	46,331.44	2,633.19
23 61 23 00-0004	EA		90 Ton Refrigerant Compressor, Rotary Screw Type .....	49,305.85	2,697.12
23 61 23 00-0005	EA		100 Ton Refrigerant Compressor, Rotary Screw Type .....	52,248.92	2,761.24
23 61 23 00-0006	EA		110 Ton Refrigerant Compressor, Rotary Screw Type .....	56,541.40	3,239.14
23 61 23 00-0007	EA		120 Ton Refrigerant Compressor, Rotary Screw Type .....	59,995.88	3,311.63
23 61 23 00-0008	EA		130 Ton Refrigerant Compressor, Rotary Screw Type .....	63,374.29	3,353.79
23 61 23 00-0009	EA		140 Ton Refrigerant Compressor, Rotary Screw Type .....	66,873.54	3,457.55
23 61 23 00-0010	EA		150 Ton Refrigerant Compressor, Rotary Screw Type .....	70,331.13	3,530.04
23 61 23 00-0011	EA		170 Ton Refrigerant Compressor, Rotary Screw Type .....	75,193.17	3,626.77
23 61 23 00-0012	EA		185 Ton Refrigerant Compressor, Rotary Screw Type .....	78,596.87	3,665.77
23 61 23 00-0013	EA		200 Ton Refrigerant Compressor, Rotary Screw Type .....	80,182.31	3,726.43
23 61 23 00-0014	EA		215 Ton Refrigerant Compressor, Rotary Screw Type .....	90,003.61	3,977.75
23 61 23 00-0015	EA		225 Ton Refrigerant Compressor, Rotary Screw Type .....	99,889.90	4,192.18

**23 62 Packaged Compressor and Condenser Units (23 60)****23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units (23 62)****23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors (23 62 13)**

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002	EA		1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	7,279.91	943.49
23 62 13 00-0003	EA		5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	16,212.28	1,010.88
23 62 13 00-0004	EA		10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	28,513.79	1,078.27
23 62 13 00-0005	EA		15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	33,785.13	1,145.67
23 62 13 00-0006	EA		20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	40,090.33	1,213.06
23 62 13 00-0007	EA		25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	44,429.94	1,347.84
23 62 13 00-0008	EA		30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	45,804.17	1,572.49
23 62 13 00-0009	EA		40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	49,360.31	1,854.72
23 62 13 00-0010	EA		50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	52,669.03	2,009.28
23 62 13 00-0011	EA		60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	60,364.10	2,163.83
23 62 13 00-0012	EA		75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	68,245.28	2,395.67
23 62 13 00-0013	EA		80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	72,123.03	2,486.13
23 62 13 00-0014	EA		90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	81,430.78	2,641.52
23 62 13 00-0015	EA		100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube .....	89,006.10	2,796.90

**23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type (23 62 13)**

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017	EA		1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	6,946.04	943.49
23 62 13 00-0018	EA		5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	14,311.97	1,010.88





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0019 EA 10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	22,366.03	1,078.27
23 62 13 00-0020 EA 15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	24,157.43	1,145.67
23 62 13 00-0021 EA 20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	25,948.85	1,213.06
23 62 13 00-0022 EA 25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	30,760.24	1,347.84
23 62 13 00-0023 EA 30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	34,939.93	1,572.49
23 62 13 00-0024 EA 40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	44,889.03	1,854.72
23 62 13 00-0025 EA 50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	50,344.66	2,009.28
23 62 13 00-0026 EA 60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	54,491.12	2,163.83
23 62 13 00-0027 EA 75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	62,660.99	2,395.67
23 62 13 00-0028 EA 80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	66,361.62	2,486.13
23 62 13 00-0029 EA 90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	72,795.88	2,641.52
23 62 13 00-0030 EA 100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems .....	83,013.52	2,796.90

**23 62 13 00-0031 Packaged Chiller With Remote Air-Cooled Condenser** (23 62 13)

Note: With remote air-cooled condenser rated by cooling capacity. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032 EA 15 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	38,225.73	9,011.51
<i>For Gas Fired Engine Driven, Add</i>	<i>6,294.10</i>	
23 62 13 00-0033 EA 20 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	42,896.15	9,498.61
<i>For Gas Fired Engine Driven, Add</i>	<i>7,155.16</i>	
23 62 13 00-0034 EA 25 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	49,525.57	10,336.63
<i>For Gas Fired Engine Driven, Add</i>	<i>8,355.39</i>	
23 62 13 00-0035 EA 30 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	55,150.65	10,982.73
<i>For Gas Fired Engine Driven, Add</i>	<i>9,383.55</i>	
23 62 13 00-0036 EA 40 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	68,316.18	12,118.85
<i>For Gas Fired Engine Driven, Add</i>	<i>11,846.32</i>	
23 62 13 00-0037 EA 50 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	75,054.37	12,551.62
<i>For Gas Fired Engine Driven, Add</i>	<i>13,129.06</i>	
23 62 13 00-0038 EA 60 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	81,516.61	13,517.15
<i>For Gas Fired Engine Driven, Add</i>	<i>14,276.76</i>	
23 62 13 00-0039 EA 70 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	98,428.60	14,462.88
<i>For Gas Fired Engine Driven, Add</i>	<i>17,490.28</i>	
23 62 13 00-0040 EA 75 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	99,530.65	14,721.60
<i>For Gas Fired Engine Driven, Add</i>	<i>17,698.98</i>	
23 62 13 00-0041 EA 80 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	101,475.31	15,361.73
<i>For Gas Fired Engine Driven, Add</i>	<i>17,991.95</i>	
23 62 13 00-0042 EA 90 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	112,233.19	16,060.02
<i>For Gas Fired Engine Driven, Add</i>	<i>20,038.84</i>	
23 62 13 00-0043 EA 100 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	123,827.05	16,824.81
<i>For Gas Fired Engine Driven, Add</i>	<i>22,242.96</i>	
23 62 13 00-0044 EA 110 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	136,928.53	17,666.00
<i>For Gas Fired Engine Driven, Add</i>	<i>24,737.13</i>	
23 62 13 00-0045 EA 120 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	147,874.34	18,595.82
<i>For Gas Fired Engine Driven, Add</i>	<i>26,786.89</i>	
23 62 13 00-0046 EA 140 Ton Packaged Chiller With Remote Air-Cooled Condensers .....	162,855.44	19,628.89
<i>For Gas Fired Engine Driven, Add</i>	<i>29,628.23</i>	

**23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units** (23 62)

**23 62 23 00-0001 Water Cooled Condensing Units** (23 62 23)

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002 EA 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	8,255.45	737.67
23 62 23 00-0003 EA 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	12,528.04	1,077.31
23 62 23 00-0004 EA 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	14,354.75	1,167.54
23 62 23 00-0005 EA 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	17,808.02	1,401.04
23 62 23 00-0006 EA 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	19,214.62	1,648.35
23 62 23 00-0007 EA 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	40,924.25	2,467.67
23 62 23 00-0008 EA 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	50,803.42	2,978.26
23 62 23 00-0009 EA 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor .....	70,393.34	3,258.68

**23 63 Refrigerant Condensers** (23 60)

**23 63 13 Air-Cooled Refrigerant Condensers** (23 63)

**23 63 13 00-0001 Air-Cooled Condensing Units** (23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002 EA 6 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor .....	7,094.15	737.67
<i>For &gt;10 To 25, Deduct</i>	<i>-179.31</i>	
<i>For &gt;25 To 50, Deduct</i>	<i>-298.84</i>	
<i>For &gt;50, Deduct</i>	<i>-478.15</i>	
<i>For Low Ambient Protection, 0 Degree F, Add</i>	<i>1,056.31</i>	
<i>For Winter Start Control, Add</i>	<i>350.80</i>	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 63 Refrigerant Condensers**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
23 63 13 00-0003	EA 7.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	8,499.00	875.65
	<i>For &gt;10 To 25, Deduct</i>	-215.17	
	<i>For &gt;25 To 50, Deduct</i>	-358.61	
	<i>For &gt;50, Deduct</i>	-573.78	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	905.47	
	<i>For Winter Start Control, Add</i>	276.12	
23 63 13 00-0004	EA 10 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	11,067.57	1,077.31
	<i>For &gt;10 To 25, Deduct</i>	-283.04	
	<i>For &gt;25 To 50, Deduct</i>	-471.73	
	<i>For &gt;50, Deduct</i>	-754.77	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,068.65	
	<i>For Winter Start Control, Add</i>	351.98	
23 63 13 00-0005	EA 12.5 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	13,756.30	1,120.83
	<i>For &gt;10 To 25, Deduct</i>	-361.74	
	<i>For &gt;25 To 50, Deduct</i>	-602.90	
	<i>For &gt;50, Deduct</i>	-964.65	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,268.62	
	<i>For Winter Start Control, Add</i>	410.98	
23 63 13 00-0006	EA 15 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	16,450.47	1,167.54
	<i>For &gt;10 To 25, Deduct</i>	-440.44	
	<i>For &gt;25 To 50, Deduct</i>	-734.07	
	<i>For &gt;50, Deduct</i>	-1,174.52	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,323.14	
	<i>For Winter Start Control, Add</i>	323.71	
23 63 13 00-0007	EA 20 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	21,232.78	1,401.04
	<i>For &gt;10 To 25, Deduct</i>	-573.30	
	<i>For &gt;25 To 50, Deduct</i>	-955.50	
	<i>For &gt;50, Deduct</i>	-1,528.80	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,677.30	
	<i>For Winter Start Control, Add</i>	403.38	
23 63 13 00-0008	EA 25 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	24,183.47	1,507.18
	<i>For &gt;10 To 25, Deduct</i>	-657.06	
	<i>For &gt;25 To 50, Deduct</i>	-1,095.09	
	<i>For &gt;50, Deduct</i>	-1,752.15	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,775.00	
	<i>For Winter Start Control, Add</i>	447.18	
23 63 13 00-0009	EA 30 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	27,760.60	1,645.16
	<i>For &gt;10 To 25, Deduct</i>	-758.14	
	<i>For &gt;25 To 50, Deduct</i>	-1,263.57	
	<i>For &gt;50, Deduct</i>	-2,021.71	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,885.87	
	<i>For Winter Start Control, Add</i>	501.63	
23 63 13 00-0010	EA 40 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	38,286.85	1,962.92
	<i>For &gt;10 To 25, Deduct</i>	-1,057.79	
	<i>For &gt;25 To 50, Deduct</i>	-1,762.98	
	<i>For &gt;50, Deduct</i>	-2,820.77	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,519.79	
	<i>For Winter Start Control, Add</i>	655.32	
23 63 13 00-0011	EA 50 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	46,466.19	2,467.67
	<i>For &gt;10 To 25, Deduct</i>	-1,279.82	
	<i>For &gt;25 To 50, Deduct</i>	-2,133.03	
	<i>For &gt;50, Deduct</i>	-3,412.84	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,657.84	
	<i>For Winter Start Control, Add</i>	593.87	
23 63 13 00-0012	EA 60 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	53,592.45	2,723.55
	<i>For &gt;10 To 25, Deduct</i>	-1,485.09	
	<i>For &gt;25 To 50, Deduct</i>	-2,475.15	
	<i>For &gt;50, Deduct</i>	-3,960.24	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,002.47	
	<i>For Winter Start Control, Add</i>	656.45	
23 63 13 00-0013	EA 80 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	69,576.63	2,978.26
	<i>For &gt;10 To 25, Deduct</i>	-1,949.51	
	<i>For &gt;25 To 50, Deduct</i>	-3,249.18	
	<i>For &gt;50, Deduct</i>	-5,198.69	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,747.60	
	<i>For Winter Start Control, Add</i>	784.22	
23 63 13 00-0014	EA 100 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	96,195.29	2,681.61
	<i>For &gt;10 To 25, Deduct</i>	-2,722.09	
	<i>For &gt;25 To 50, Deduct</i>	-4,536.82	
	<i>For &gt;50, Deduct</i>	-7,258.91	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	4,086.82	
	<i>For Winter Start Control, Add</i>	999.57	
23 63 13 00-0015	EA 120 Ton Air-Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	118,763.59	2,772.51
	<i>For &gt;10 To 25, Deduct</i>	-3,393.59	
	<i>For &gt;25 To 50, Deduct</i>	-5,655.98	
	<i>For &gt;50, Deduct</i>	-9,049.57	
	<i>For Low Ambient Protection, 0 Degree F, Add</i>	4,804.59	

**23 63 13 00-0016 Air-Cooled Condensing Units** (23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0017 EA 1.5 Ton, 14 SEER, Air-Cooled Condensing Unit.....	2,224.82	349.04
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-51.04	
<i>For &gt;25 To 50, Deduct</i>	-85.06	
<i>For &gt;50, Deduct</i>	-136.10	
<i>For 15 SEER, Add</i>	408.30	
<i>For 16 SEER, Add</i>	697.52	
<i>For 18 SEER, Add</i>	1,463.09	
23 63 13 00-0018 EA 2 Ton, 14 SEER, Air-Cooled Condensing Unit.....	2,391.38	388.01
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-54.29	
<i>For &gt;25 To 50, Deduct</i>	-90.48	
<i>For &gt;50, Deduct</i>	-144.77	
<i>For 15 SEER, Add</i>	434.32	
<i>For 16 SEER, Add</i>	741.96	
<i>For 18 SEER, Add</i>	1,556.31	
23 63 13 00-0019 EA 2.5 Ton, 14 SEER, Air-Cooled Condensing Unit.....	2,535.91	426.81
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-56.88	
<i>For &gt;25 To 50, Deduct</i>	-94.80	
<i>For &gt;50, Deduct</i>	-151.68	
<i>For 15 SEER, Add</i>	455.04	
<i>For 16 SEER, Add</i>	777.36	
<i>For 18 SEER, Add</i>	1,630.57	
23 63 13 00-0020 EA 3 Ton, 14 SEER, Air-Cooled Condensing Unit.....	2,915.59	465.37
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-66.53	
<i>For &gt;25 To 50, Deduct</i>	-110.88	
<i>For &gt;50, Deduct</i>	-177.40	
<i>For 15 SEER, Add</i>	532.20	
<i>For 16 SEER, Add</i>	909.18	
<i>For 18 SEER, Add</i>	1,907.07	
23 63 13 00-0021 EA 3.5 Ton, 14 SEER, Air-Cooled Condensing Unit.....	3,085.83	504.41
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-69.89	
<i>For &gt;25 To 50, Deduct</i>	-116.48	
<i>For &gt;50, Deduct</i>	-186.37	
<i>For 15 SEER, Add</i>	559.10	
<i>For 16 SEER, Add</i>	955.14	
<i>For 18 SEER, Add</i>	2,003.46	
23 63 13 00-0022 EA 4 Ton, 14 SEER, Air-Cooled Condensing Unit.....	3,441.63	543.21
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-78.82	
<i>For &gt;25 To 50, Deduct</i>	-131.36	
<i>For &gt;50, Deduct</i>	-210.18	
<i>For 15 SEER, Add</i>	630.53	
<i>For 16 SEER, Add</i>	1,077.16	
<i>For 18 SEER, Add</i>	2,259.41	
23 63 13 00-0023 EA 5 Ton, 14 SEER, Air-Cooled Condensing Unit.....	3,888.29	581.72
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
<i>For &gt;10 To 25, Deduct</i>	-90.47	
<i>For &gt;25 To 50, Deduct</i>	-150.79	
<i>For &gt;50, Deduct</i>	-241.26	
<i>For 15 SEER, Add</i>	723.77	
<i>For 16 SEER, Add</i>	1,236.44	
<i>For 18 SEER, Add</i>	2,593.51	

### 23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit (23 63 13)

Note: Includes storage and cleaning.		
23 63 13 00-0025 EA Removal And Reinstallation Of Up To 5 Tons Air-Cooled Condensing Unit.....	357.91	
23 63 13 00-0026 EA Removal And Reinstallation Of 7.5 To 15 Tons Air-Cooled Condensing Unit.....	1,342.15	
23 63 13 00-0027 EA Removal And Reinstallation Of 20 To 40 Tons Air-Cooled Condensing Unit.....	2,229.82	

## 23 64 Packaged Water Chillers (23 60)

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

### 23 64 13 Absorption Water Chillers (23 64)

#### 23 64 13 16 Indirect-Fired Absorption Water Chillers (23 64 13)

#### 23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers (23 64 13 16)

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.		
23 64 13 16-0002 EA 50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller.....	209,005.64	12,294.49
<i>For Two Stage Unit, Add</i>	136,468.36	
23 64 13 16-0003 EA 100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller.....	263,739.58	14,125.74
<i>For Two Stage Unit, Add</i>	173,317.12	
23 64 13 16-0004 EA 150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller.....	334,134.55	15,185.17
<i>For Two Stage Unit, Add</i>	221,746.05	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 13 16-0005	EA		200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	371,088.75	16,244.60
			<i>For Two Stage Unit, Add</i>	246,766.45	
23 64 13 16-0006	EA		250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	414,297.36	16,715.46
			<i>For Two Stage Unit, Add</i>	276,635.79	
23 64 13 16-0007	EA		300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	466,566.35	17,304.02
			<i>For Two Stage Unit, Add</i>	312,753.22	
23 64 13 16-0008	EA		350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	500,256.48	17,892.60
			<i>For Two Stage Unit, Add</i>	335,865.46	
23 64 13 16-0009	EA		400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	595,034.17	18,834.32
			<i>For Two Stage Unit, Add</i>	401,456.47	
23 64 13 16-0010	EA		500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	665,882.02	19,422.88
			<i>For Two Stage Unit, Add</i>	450,579.10	
23 64 13 16-0011	EA		650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	806,400.55	20,011.46
			<i>For Two Stage Unit, Add</i>	548,471.21	
23 64 13 16-0012	EA		750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	874,251.65	21,424.03
			<i>For Two Stage Unit, Add</i>	594,836.93	
23 64 13 16-0013	EA		850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	937,222.65	22,718.89
			<i>For Two Stage Unit, Add</i>	637,880.74	
23 64 13 16-0014	EA		950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,005,932.87	24,561.02
			<i>For Two Stage Unit, Add</i>	684,504.20	
23 64 13 16-0015	EA		1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,151,236.89	25,160.06
			<i>For Two Stage Unit, Add</i>	785,689.84	
23 64 13 16-0016	EA		1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,260,820.88	26,597.79
			<i>For Two Stage Unit, Add</i>	861,296.40	
23 64 13 16-0017	EA		1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,472,229.19	27,795.88
			<i>For Two Stage Unit, Add</i>	1,008,323.72	
23 64 13 16-0018	EA		1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller	1,720,540.74	28,634.55
			<i>For Two Stage Unit, Add</i>	1,181,470.88	

**23 64 13 16-0019 Single Effect Steam/Hot Water Absorption Chillers** (23 64 13 16)

Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.

23 64 13 16-0020	EA		100 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	319,289.12	5,837.10
23 64 13 16-0021	EA		150 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	324,417.94	5,992.72
23 64 13 16-0022	EA		200 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	361,553.03	6,106.67
23 64 13 16-0023	EA		250 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	403,234.98	6,259.82
23 64 13 16-0024	EA		300 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	445,733.82	6,629.09
23 64 13 16-0025	EA		350 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	489,122.28	6,789.30
23 64 13 16-0026	EA		400 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	535,859.50	7,066.87
23 64 13 16-0027	EA		500 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	640,799.49	7,272.76
23 64 13 16-0028	EA		680 Ton Single Effect Steam/Hot Water Absorption Chiller (Carrier 16JB)	752,299.31	10,261.53

**23 64 13 16-0029 Double Effect, Direct-Fired Absorption Chiller/Heaters** (23 64 13 16)

Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.

23 64 13 16-0030	EA		135 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	319,656.03	5,992.72
23 64 13 16-0031	EA		200 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	466,007.83	6,106.67
23 64 13 16-0032	EA		250 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	500,009.28	6,259.82
23 64 13 16-0033	EA		350 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	620,842.86	6,789.30
23 64 13 16-0034	EA		400 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	707,902.70	7,066.87
23 64 13 16-0035	EA		500 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	881,199.14	7,272.76
23 64 13 16-0036	EA		600 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,061,055.41	10,261.53
23 64 13 16-0037	EA		700 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,236,472.59	11,953.55
23 64 13 16-0038	EA		800 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,410,536.13	12,484.92
23 64 13 16-0039	EA		900 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,584,301.16	13,028.49
23 64 13 16-0040	EA		1,000 Ton Double Effect, Direct-Fired Absorption Chiller/Heater (Carrier 16DF)	1,758,165.26	13,479.93

**23 64 13 16-0041 Double Effect Steam Absorption Chillers** (23 64 13 16)

Note: Includes start-up, and all accessories. Includes factory charge of refrigerant and equipment rigging.

23 64 13 16-0042	EA		100 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	539,105.03	5,837.10
23 64 13 16-0043	EA		150 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	547,459.66	5,992.72
23 64 13 16-0044	EA		200 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	609,633.18	6,106.67
23 64 13 16-0045	EA		250 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	683,803.65	6,259.82
23 64 13 16-0046	EA		300 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	758,483.78	6,629.09
23 64 13 16-0047	EA		350 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	832,671.04	6,789.30
23 64 13 16-0048	EA		400 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	909,515.82	7,066.87
23 64 13 16-0049	EA		500 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,089,763.12	7,272.76
23 64 13 16-0050	EA		600 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,276,570.24	10,261.53
23 64 13 16-0051	EA		1,125 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	1,960,124.84	13,406.84
23 64 13 16-0052	EA		1,250 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,106,209.37	13,892.55
23 64 13 16-0053	EA		1,450 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,499,463.14	17,125.50
23 64 13 16-0054	EA		1,700 Ton Double-Effect Steam Absorption Chiller (Carrier 16JT)	2,936,064.86	18,032.82

**23 64 16 Centrifugal Water Chillers** (23 64)**23 64 16 13 Air-Cooled Centrifugal Water Chillers** (23 64 16)**23 64 16 13-0001 Magnetic Bearing, Air-Cooled Centrifugal Chillers** (23 64 16 13)

Note: SMARTD air-cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 13-0002 EA 85 Ton, Single Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller .....	244,082.81	6,532.47
<i>For 5 Year Parts Only Compressor Warranty, Add</i>	6,788.10	
23 64 16 13-0003 EA 175 Ton, Two Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller .....	346,421.05	8,745.59
<i>For 5 Year Parts Only Compressor Warranty, Add</i>	13,576.20	
23 64 16 13-0004 EA 240 Ton, Three Compressor, Magnetic Bearing, Air-Cooled Centrifugal Chiller .....	433,256.06	9,249.18
<i>For 5 Year Parts Only Compressor Warranty, Add</i>	20,364.30	
 <b>23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)</b>		
<b>23 64 16 16-0001 Packaged Water-Cooled Centrifugal Water Chillers (23 64 16 16)</b>		
<small>Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.</small>		
23 64 16 16-0002 EA 180 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	159,116.61	6,716.20
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	5,933.12	
23 64 16 16-0003 EA 200 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	173,933.68	6,886.30
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	6,514.74	
23 64 16 16-0004 EA 225 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	191,841.59	7,061.33
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	7,219.95	
23 64 16 16-0005 EA 250 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	209,320.41	7,344.44
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	7,900.91	
23 64 16 16-0006 EA 275 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	226,404.57	7,759.15
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	8,557.63	
23 64 16 16-0007 EA 300 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	242,864.23	8,162.55
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	9,190.10	
23 64 16 16-0008 EA 325 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	258,787.00	8,610.10
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	9,798.25	
23 64 16 16-0009 EA 350 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	274,068.57	9,034.70
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	10,382.23	
23 64 16 16-0010 EA 375 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	288,682.10	9,421.87
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	10,941.90	
23 64 16 16-0011 EA 400 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	302,558.62	9,727.57
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	11,477.31	
23 64 16 16-0012 EA 425 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	316,111.92	10,209.49
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	11,988.48	
23 64 16 16-0013 EA 450 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	328,917.83	10,603.36
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	12,475.41	
23 64 16 16-0014 EA 475 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	341,109.34	10,992.18
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	12,938.09	
23 64 16 16-0015 EA 500 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	352,553.94	11,293.29
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	13,376.52	
23 64 16 16-0016 EA 550 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	373,298.66	11,693.76
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	14,180.58	
23 64 16 16-0017 EA 600 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	391,383.87	11,948.02
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	14,887.65	
23 64 16 16-0018 EA 650 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	407,583.03	12,538.60
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	15,497.67	
23 64 16 16-0019 EA 700 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	421,371.85	13,138.11
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	16,010.71	
23 64 16 16-0020 EA 750 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	432,836.38	13,797.67
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	16,426.90	
23 64 16 16-0021 EA 800 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	459,749.37	14,463.35
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	17,460.65	
23 64 16 16-0022 EA 850 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	486,472.28	15,126.90
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	18,486.94	
23 64 16 16-0023 EA 900 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	513,107.57	15,854.14
<small>Note: Includes integral heat exchanger, controls, and 440/460 V motor.</small>		
<i>For 208/230 Voltage Motor Rating, Add</i>	19,505.62	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 64 Packaged Water Chillers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0024	EA		950 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	539,668.97 20,516.63	16,654.83
23 64 16 16-0025	EA		1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	566,220.88 21,519.96	17,758.45
23 64 16 16-0026	EA		1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	614,368.38 23,272.19	20,490.60
23 64 16 16-0027	EA		1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	660,713.64 24,951.82	23,230.53
23 64 16 16-0028	EA		1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	704,413.25 26,558.72	25,450.01
23 64 16 16-0029	EA		1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	744,938.75 28,092.87	26,816.56
23 64 16 16-0030	EA		1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	783,569.72 29,554.08	28,138.42
23 64 16 16-0031	EA		1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	819,595.52 30,943.26	28,954.08
23 64 16 16-0032	EA		1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	855,711.60 32,259.50	30,974.08
23 64 16 16-0033	EA		1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	889,200.16 33,502.99	32,485.01
23 64 16 16-0034	EA		1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	921,584.43 34,673.75	34,445.33
23 64 16 16-0035	EA		2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	950,993.53 35,771.91	35,675.54
23 64 16 16-0036	EA		2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	1,012,708.87 38,199.29	37,694.94
23 64 16 16-0037	EA		2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	1,067,808.85 40,172.39	39,956.59
<b>23 64 16 16-0038</b>			<b>High-Efficiency Hermetic Centrifugal Liquid Chillers</b> <small>(23 64 16 16)</small> Note: Includes start-up, factory charge of refrigerant and equipment rigging.		
23 64 16 16-0039	EA		200 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	265,431.35	4,576.98
23 64 16 16-0040	EA		225 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	279,759.46	4,812.17
23 64 16 16-0041	EA		250 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	293,987.86	5,005.10
23 64 16 16-0042	EA		275 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	306,259.68	5,287.73
23 64 16 16-0043	EA		300 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	318,555.66	5,562.60
23 64 16 16-0044	EA		325 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	339,680.02	5,867.60
23 64 16 16-0045	EA		350 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	360,767.53	6,156.94
23 64 16 16-0046	EA		375 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	381,794.93	6,420.74
23 64 16 16-0047	EA		400 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	402,691.47	6,629.09
23 64 16 16-0048	EA		425 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	434,179.94	6,957.52
23 64 16 16-0049	EA		450 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	465,527.16	7,226.02
23 64 16 16-0050	EA		475 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	496,866.13	7,490.88
23 64 16 16-0051	EA		500 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	528,064.32	7,696.17
23 64 16 16-0052	EA		550 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	541,546.03	7,969.04
23 64 16 16-0053	EA		600 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	554,792.81	8,142.31
23 64 16 16-0054	EA		650 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	573,404.95	8,544.78
23 64 16 16-0055	EA		700 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	592,031.33	8,953.25
23 64 16 16-0056	EA		750 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	644,529.67	9,402.80
23 64 16 16-0057	EA		800 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	696,867.64	9,856.47
23 64 16 16-0058	EA		850 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	734,238.05	10,308.61
23 64 16 16-0059	EA		900 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	771,243.31	10,804.19
23 64 16 16-0060	EA		950 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	808,961.73	11,349.91
23 64 16 16-0061	EA		1,000 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	846,182.36	12,102.00
23 64 16 16-0062	EA		1,100 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	918,924.92	13,963.84
23 64 16 16-0063	EA		1,200 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	991,127.44	15,831.08
23 64 16 16-0064	EA		1,300 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	1,054,850.70	17,343.67
23 64 16 16-0065	EA		1,400 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	1,117,175.78	18,274.83
23 64 16 16-0066	EA		1,500 Ton High-Efficiency Hermetic Centrifugal Liquid Chiller (Carrier 19XR).....	1,280,479.58	19,175.69
<b>23 64 16 16-0067</b>			<b>Hermetic Centrifugal Liquid Chillers</b> <small>(23 64 16 16)</small> Note: Includes start-up, factory charge of refrigerant and equipment rigging.		
23 64 16 16-0068	EA		1,500 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX).....	1,310,464.16	19,235.47
23 64 16 16-0069	EA		1,600 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX).....	1,425,056.14	19,731.49
23 64 16 16-0070	EA		1,700 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX).....	1,552,417.20	21,108.10
23 64 16 16-0071	EA		1,800 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX).....	1,690,067.67	22,137.86
23 64 16 16-0072	EA		1,900 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX).....	1,889,778.67	23,473.74



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0073 EA 2,000 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX) .....	2,056,905.38	24,312.05
23 64 16 16-0074 EA 2,200 Ton Hermetic Centrifugal Liquid Chiller (Carrier 19EX) .....	2,354,416.56	24,754.16
<b>23 64 16 16-0075 Open-Drive Centrifugal Liquid Chillers (23 64 16 16)</b>		
23 64 16 16-0076 EA 1,500 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	1,338,113.96	19,235.47
23 64 16 16-0077 EA 1,600 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	1,457,126.89	19,731.49
23 64 16 16-0078 EA 1,700 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	1,587,375.18	21,108.10
23 64 16 16-0079 EA 1,800 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	1,728,170.98	22,137.86
23 64 16 16-0080 EA 1,900 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	1,932,453.97	23,473.74
23 64 16 16-0081 EA 2,000 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	2,103,421.88	24,312.05
23 64 16 16-0082 EA 2,250 Ton Open-Drive Centrifugal Liquid Chiller (Carrier 17EX) .....	2,407,827.96	24,754.16
<b>23 64 16 16-0083 Magnetic Bearing, Water Cooled Centrifugal Water Chillers (23 64 16 16)</b>		
Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0084 EA 60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	153,650.27	5,650.29
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>6,788.10</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0085 EA 130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	193,482.21	6,567.29
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>6,788.10</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0086 EA 125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	242,357.73	6,716.20
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>13,576.20</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0087 EA 240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	315,645.33	7,759.15
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>13,576.20</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0088 EA 210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	318,094.83	7,344.44
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>20,364.30</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0089 EA 355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	477,261.87	9,727.57
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>20,364.30</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>4,451.16</i>		
23 64 16 16-0090 EA 299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	422,821.49	9,034.70
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>24,889.70</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,199.83</i>		
23 64 16 16-0091 EA 540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	587,507.08	11,693.76
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>24,889.70</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,199.83</i>		
23 64 16 16-0092 EA 425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	526,283.46	10,209.49
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>29,415.10</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,199.83</i>		
23 64 16 16-0093 EA 650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	704,417.94	12,538.60
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>29,415.10</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,199.83</i>		
23 64 16 16-0094 EA 510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	626,680.52	11,293.29
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>33,940.50</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,517.77</i>		
23 64 16 16-0095 EA 800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller .....	807,439.69	14,463.35
<i>For 5 Year Parts Only Compressor Warranty, Add</i>		
<i>33,940.50</i>		
<i>For Marine Water Box Connections, Add</i>		
<i>6,517.77</i>		
<b>23 64 23 Scroll Water Chillers (23 64)</b>		
<b>23 64 23 13 Air-Cooled Scroll Water Chillers (23 64 23)</b>		
<b>23 64 23 13-0001 Packaged Air-Cooled Scroll Water Chillers (23 64 23 13)</b>		
Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, isolation valves, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, freeze protection thermostat, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel.		
23 64 23 13-0002 EA 10 Ton Packaged Air-Cooled Scroll Water Chiller .....	29,118.55	1,673.12
23 64 23 13-0003 EA 15 Ton Packaged Air-Cooled Scroll Water Chiller .....	42,750.11	1,694.57
23 64 23 13-0004 EA 18 Ton Packaged Air-Cooled Scroll Water Chiller .....	46,661.61	1,812.54
23 64 23 13-0005 EA 22 Ton Packaged Air-Cooled Scroll Water Chiller .....	51,344.40	1,941.24
23 64 23 13-0006 EA 25 Ton Packaged Air-Cooled Scroll Water Chiller .....	52,166.14	2,069.94
23 64 23 13-0007 EA 30 Ton Packaged Air-Cooled Scroll Water Chiller .....	55,037.96	2,220.09
23 64 23 13-0008 EA 40 Ton Packaged Air-Cooled Scroll Water Chiller .....	62,954.59	2,402.42
23 64 23 13-0009 EA 45 Ton Packaged Air-Cooled Scroll Water Chiller .....	67,606.78	2,606.20
23 64 23 13-0010 EA 50 Ton Packaged Air-Cooled Scroll Water Chiller .....	71,401.65	2,681.28
23 64 23 13-0011 EA 55 Ton Packaged Air-Cooled Scroll Water Chiller .....	74,575.15	2,799.26
23 64 23 13-0012 EA 60 Ton Packaged Air-Cooled Scroll Water Chiller .....	77,079.50	2,895.78
23 64 23 13-0013 EA 70 Ton Packaged Air-Cooled Scroll Water Chiller .....	88,939.99	3,260.43
23 64 23 13-0014 EA 80 Ton Packaged Air-Cooled Scroll Water Chiller .....	95,724.45	3,571.46
23 64 23 13-0015 EA 90 Ton Packaged Air-Cooled Scroll Water Chiller .....	97,478.76	3,582.19
23 64 23 13-0016 EA 100 Ton Packaged Air-Cooled Scroll Water Chiller .....	103,173.98	3,592.91

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 60 Central Cooling Equipment**

**23 64 Packaged Water Chillers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 64 23 13-0017	EA		110 Ton Packaged Air-Cooled Scroll Water Chiller .....	108,719.69	3,603.64
23 64 23 13-0018	EA		120 Ton Packaged Air-Cooled Scroll Water Chiller .....	114,334.35	3,614.36
23 64 23 13-0019	EA		130 Ton Packaged Air-Cooled Scroll Water Chiller .....	120,236.31	3,625.09

**23 64 23 16 Water-Cooled Scroll Water Chillers (23 64 23)**

**23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers (23 64 23 16)**

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, flow switch, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002	EA		20 Ton Packaged Water Cooled Scroll Water Chiller .....	28,176.05	2,172.47
23 64 23 16-0003	EA		25 Ton Packaged Water Cooled Scroll Water Chiller .....	32,341.09	2,238.10
23 64 23 16-0004	EA		30 Ton Packaged Water Cooled Scroll Water Chiller .....	35,870.71	2,456.97
23 64 23 16-0005	EA		40 Ton Packaged Water Cooled Scroll Water Chiller .....	44,159.54	3,137.90
23 64 23 16-0006	EA		50 Ton Packaged Water Cooled Scroll Water Chiller .....	48,841.70	3,438.83
23 64 23 16-0007	EA		60 Ton Packaged Water Cooled Scroll Water Chiller .....	51,381.04	3,799.47

**23 64 26 Rotary-Screw Water Chillers (23 64)**

**23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers (23 64 26)**

**23 64 26 13-0001 Packaged Air-Cooled Rotary-Screw Water Chillers (23 64 26 13)**

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel.

23 64 26 13-0002	EA		70 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	106,892.56	4,107.71
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,511.05	
			<i>For 208/230 Voltage Motor Rating, Add</i>	4,029.45	
23 64 26 13-0003	EA		80 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	114,877.23	4,461.65
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,622.93	
			<i>For 208/230 Voltage Motor Rating, Add</i>	4,327.82	
23 64 26 13-0004	EA		90 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	120,845.12	4,654.70
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,707.95	
			<i>For 208/230 Voltage Motor Rating, Add</i>	4,554.52	
23 64 26 13-0005	EA		100 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	125,291.61	5,008.63
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,766.76	
			<i>For 208/230 Voltage Motor Rating, Add</i>	4,711.36	
23 64 26 13-0006	EA		110 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	134,479.22	5,255.30
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-1,899.10	
			<i>For 208/230 Voltage Motor Rating, Add</i>	5,064.28	
23 64 26 13-0007	EA		120 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	142,931.36	5,362.55
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,023.31	
			<i>For 208/230 Voltage Motor Rating, Add</i>	5,395.50	
23 64 26 13-0008	EA		130 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	150,892.64	5,544.88
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,138.71	
			<i>For 208/230 Voltage Motor Rating, Add</i>	5,703.23	
23 64 26 13-0009	EA		140 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	155,724.34	5,662.86
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,208.45	
			<i>For 208/230 Voltage Motor Rating, Add</i>	5,889.20	
23 64 26 13-0010	EA		160 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	164,457.63	5,780.83
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,336.72	
			<i>For 208/230 Voltage Motor Rating, Add</i>	6,231.24	
23 64 26 13-0011	EA		170 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	171,672.69	5,963.16
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,440.92	
			<i>For 208/230 Voltage Motor Rating, Add</i>	6,509.12	
23 64 26 13-0012	EA		180 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	181,038.65	6,199.11
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,576.10	
			<i>For 208/230 Voltage Motor Rating, Add</i>	6,869.60	
23 64 26 13-0013	EA		200 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	189,256.63	6,327.82
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,696.63	
			<i>For 208/230 Voltage Motor Rating, Add</i>	7,191.03	
23 64 26 13-0014	EA		215 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	202,911.40	6,435.07
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-2,898.88	
			<i>For 208/230 Voltage Motor Rating, Add</i>	7,730.35	
23 64 26 13-0015	EA		225 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	211,985.99	6,499.42
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-3,033.71	
			<i>For 208/230 Voltage Motor Rating, Add</i>	8,089.90	
23 64 26 13-0016	EA		240 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	221,060.57	6,553.04
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-3,168.55	
			<i>For 208/230 Voltage Motor Rating, Add</i>	8,449.46	
23 64 26 13-0017	EA		260 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	248,219.96	6,681.74
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-3,573.04	
			<i>For 208/230 Voltage Motor Rating, Add</i>	9,528.11	
23 64 26 13-0018	EA		280 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	261,885.48	6,810.45
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-3,775.29	
			<i>For 208/230 Voltage Motor Rating, Add</i>	10,067.44	
23 64 26 13-0019	EA		300 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	280,034.64	6,917.70
			<i>For Aluminum Fins Instead Of Copper, Deduct</i>	-4,044.95	
			<i>For 208/230 Voltage Motor Rating, Add</i>	10,786.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

23 64 26 13-0020 EA 325 Ton Packaged Air-Cooled Rotary-Screw Water Chiller .....	307,172.59	7,035.67
<i>For Aluminum Fins Instead Of Copper, Deduct</i>	<i>-4,449.45</i>	
<i>For 208/230 Voltage Motor Rating, Add</i>	<i>11,865.19</i>	

**23 64 26 13-0021 Package Air-Cooled Screw Liquid Chillers (23 64 26 13)**

Note: Low noise 06N twin screw compressors, chlorine free R-134A refrigerant, compact footprint, new "Aeroacoustic" fans, low pressure drop cleanable coolers and advanced microprocessor charge of refrigerant and equipment or controls. Includes start-up, factory charge or refrigerant and equipment rigging. Excludes crane and associated personnel.

23 64 26 13-0022 EA 80 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	106,341.12	2,831.43
23 64 26 13-0023 EA 90 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	113,233.02	2,960.13
23 64 26 13-0024 EA 100 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	118,100.58	3,185.36
23 64 26 13-0025 EA 110 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	138,824.40	3,335.51
23 64 26 13-0026 EA 120 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	151,626.24	3,410.59
23 64 26 13-0027 EA 130 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	174,956.27	3,528.56
23 64 26 13-0028 EA 140 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	183,416.61	3,603.64
23 64 26 13-0029 EA 155 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	189,156.86	3,678.71
23 64 26 13-0030 EA 175 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	197,769.73	3,796.69
23 64 26 13-0031 EA 185 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	207,863.39	3,946.84
23 64 26 13-0032 EA 200 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	212,086.12	4,021.91
23 64 26 13-0033 EA 215 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	224,554.91	4,096.99
23 64 26 13-0034 EA 235 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	282,725.00	4,172.06
23 64 26 13-0035 EA 265 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	286,688.27	4,247.14
23 64 26 13-0036 EA 280 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	292,683.02	4,332.94
23 64 26 13-0037 EA 300 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	316,387.06	4,397.29
23 64 26 13-0038 EA 325 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	351,747.34	4,472.37
23 64 26 13-0039 EA 350 Ton Package Air-Cooled Screw Liquid Chiller (Carrier Ecologic 30GX) .....	376,413.43	4,590.35

**23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers (23 64 26)**

**23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers (23 64 26 16)**

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002 EA 70 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	70,637.32	5,297.15
23 64 26 16-0003 EA 80 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	76,655.29	5,503.15
23 64 26 16-0004 EA 90 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	81,883.66	5,650.29
23 64 26 16-0005 EA 100 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	86,438.65	5,888.67
23 64 26 16-0006 EA 110 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	90,960.25	6,050.52
23 64 26 16-0007 EA 125 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	96,467.09	6,220.39
23 64 26 16-0008 EA 130 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	130,113.92	6,394.25
23 64 26 16-0009 EA 150 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	135,076.78	6,567.29
23 64 26 16-0010 EA 175 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	138,793.23	6,729.86
23 64 26 16-0011 EA 190 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	140,203.26	7,066.40
23 64 26 16-0012 EA 200 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	139,229.79	7,407.18
23 64 26 16-0013 EA 210 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	147,303.05	7,565.75
23 64 26 16-0014 EA 235 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	160,077.67	7,731.25
23 64 26 16-0015 EA 255 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	170,068.88	8,085.10
23 64 26 16-0016 EA 275 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	179,521.17	8,412.35
23 64 26 16-0017 EA 300 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	190,522.63	8,745.59
23 64 26 16-0018 EA 350 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	209,151.95	9,520.74
23 64 26 16-0019 EA 400 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	224,409.85	10,471.88
23 64 26 16-0020 EA 450 Ton Packaged Water Cooled Helical Rotary Water Chiller .....	236,313.50	11,519.54

**23 64 26 16-0021 Package Water Cooled Hermetic Screw Liquid Chillers (23 64 26 16)**

Note: Includes start-up, factory charge of refrigerant and equipment rigging.

23 64 26 16-0022 EA 165 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	167,936.19	4,280.57
23 64 26 16-0023 EA 190 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	176,672.32	4,494.57
23 64 26 16-0024 EA 200 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	183,623.95	4,711.29
23 64 26 16-0025 EA 210 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	189,359.97	4,812.17
23 64 26 16-0026 EA 230 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	199,096.56	4,917.41
23 64 26 16-0027 EA 250 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	209,461.03	5,142.48
23 64 26 16-0028 EA 270 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	216,769.46	5,350.71
23 64 26 16-0029 EA 300 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	217,991.59	5,562.60
23 64 26 16-0030 EA 330 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	235,515.51	6,003.44
23 64 26 16-0031 EA 360 Ton Package Water Cooled Hermetic Screw Liquid Chiller (Carrier 23XL) .....	270,411.78	6,474.30

**23 65 Cooling Towers (23 60)**

**23 65 13 Forced-Draft Cooling Towers (23 65)**

**23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13)**

**23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13 16)**



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 65 Cooling Towers**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers <small>(23 65 13 16-0001)</small>			
Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.			
23 65 13 16-0003	EA 50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	20,638.47	1,780.37
	<i>For Stainless Steel Cooling Tower, Add</i>	10,780.75	
23 65 13 16-0004	EA 75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	28,485.55	2,177.19
	<i>For Stainless Steel Cooling Tower, Add</i>	15,141.50	
23 65 13 16-0005	EA 100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	35,689.73	2,734.91
	<i>For Stainless Steel Cooling Tower, Add</i>	18,775.46	
23 65 13 16-0006	EA 125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	41,174.80	3,056.66
	<i>For Stainless Steel Cooling Tower, Add</i>	21,757.62	
23 65 13 16-0007	EA 150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	47,065.13	3,442.76
	<i>For Stainless Steel Cooling Tower, Add</i>	24,918.59	
23 65 13 16-0008	EA 175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	52,921.46	3,861.04
	<i>For Stainless Steel Cooling Tower, Add</i>	28,033.41	
23 65 13 16-0009	EA 200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	59,397.51	4,300.76
	<i>For Stainless Steel Cooling Tower, Add</i>	31,494.32	
23 65 13 16-0010	EA 225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	64,891.51	4,847.75
	<i>For Stainless Steel Cooling Tower, Add</i>	34,263.05	
23 65 13 16-0011	EA 250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	70,682.44	5,384.00
	<i>For Stainless Steel Cooling Tower, Add</i>	37,216.37	
23 65 13 16-0012	EA 275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	77,335.05	6,370.72
	<i>For Stainless Steel Cooling Tower, Add</i>	40,261.97	
23 65 13 16-0013	EA 300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	84,026.37	7,057.12
	<i>For Stainless Steel Cooling Tower, Add</i>	43,607.53	
23 65 13 16-0014	EA 325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	88,536.79	7,507.57
	<i>For Stainless Steel Cooling Tower, Add</i>	45,914.80	
23 65 13 16-0015	EA 350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	93,816.69	7,947.30
	<i>For Stainless Steel Cooling Tower, Add</i>	48,625.85	
23 65 13 16-0016	EA 375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	98,957.17	8,333.41
	<i>For Stainless Steel Cooling Tower, Add</i>	51,336.90	
23 65 13 16-0017	EA 400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	104,856.00	8,719.51
	<i>For Stainless Steel Cooling Tower, Add</i>	54,509.41	
23 65 13 16-0018	EA 425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	111,097.26	9,191.42
	<i>For Stainless Steel Cooling Tower, Add</i>	57,797.27	
23 65 13 16-0019	EA 450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	118,193.03	9,663.32
	<i>For Stainless Steel Cooling Tower, Add</i>	61,604.29	
23 65 13 16-0020	EA 475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	125,096.14	10,070.88
	<i>For Stainless Steel Cooling Tower, Add</i>	65,353.61	
23 65 13 16-0021	EA 500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	132,009.97	10,478.43
	<i>For Stainless Steel Cooling Tower, Add</i>	69,102.93	
23 65 13 16-0022	EA 550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	145,204.85	10,918.16
	<i>For Stainless Steel Cooling Tower, Add</i>	76,601.58	
23 65 13 16-0023	EA 600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	159,553.37	11,347.16
	<i>For Stainless Steel Cooling Tower, Add</i>	84,792.41	
23 65 13 16-0024	EA 650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	165,407.37	11,583.11
	<i>For Stainless Steel Cooling Tower, Add</i>	88,253.33	
23 65 13 16-0025	EA 700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	172,414.99	11,733.27
	<i>For Stainless Steel Cooling Tower, Add</i>	92,406.43	
23 65 13 16-0026	EA 750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	180,472.91	12,333.88
	<i>For Stainless Steel Cooling Tower, Add</i>	96,674.89	
23 65 13 16-0027	EA 800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	189,876.72	12,934.48
	<i>For Stainless Steel Cooling Tower, Add</i>	101,750.89	
23 65 13 16-0028	EA 850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	199,366.36	13,588.72
	<i>For Stainless Steel Cooling Tower, Add</i>	106,826.90	
23 65 13 16-0029	EA 900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	210,394.17	14,242.94
	<i>For Stainless Steel Cooling Tower, Add</i>	112,825.82	
23 65 13 16-0030	EA 950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower.....	221,764.41	14,993.70
	<i>For Stainless Steel Cooling Tower, Add</i>	118,940.11	
23 65 13 16-0031	EA 1,000 Ton Centrifugal Type Cooling Tower.....	234,662.08	15,744.46
	<i>For Stainless Steel Cooling Tower, Add</i>	125,977.30	

**23 65 14 Induced-Draft Cooling Towers (23 65)****23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers (23 65 14)****23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers**(23 65 14 13)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002	EA 10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	10,482.95	1,201.22
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,302.17	
	<i>For Stainless Steel Support Structure, Add</i>	2,604.34	
23 65 14 13-0003	EA 20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	12,450.08	1,297.74
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,574.72	
	<i>For Stainless Steel Support Structure, Add</i>	3,149.43	
23 65 14 13-0004	EA 30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	14,906.78	1,458.62
	<i>For Polymer Coating Over Galvanized Components, Add</i>	1,907.83	
	<i>For Stainless Steel Support Structure, Add</i>	3,815.66	
23 65 14 13-0005	EA 40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower.....	16,545.22	1,608.77
	<i>For Polymer Coating Over Galvanized Components, Add</i>	2,119.81	
	<i>For Stainless Steel Support Structure, Add</i>	4,239.62	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0006 EA 50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	19,629.03 2,543.77 5,087.54	1,780.37
23 65 14 13-0007 EA 60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	22,870.32 2,999.40 5,998.80	1,919.79
23 65 14 13-0008 EA 75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	26,264.79 3,452.26 6,904.52	2,177.19
23 65 14 13-0009 EA 100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	32,661.43 4,239.62 8,479.24	2,734.91
23 65 14 13-0010 EA 125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	35,598.88 4,603.02 9,206.03	3,056.66
23 65 14 13-0011 EA 150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	54,635.23 7,365.16 14,730.32	3,442.76
23 65 14 13-0012 EA 200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	66,083.81 8,876.53 17,753.05	4,300.76
23 65 14 13-0013 EA 300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	85,168.09 11,073.14 22,146.28	7,057.12
 <b>23 65 14 13-0014 Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers</b> <small>(23 65 14 13)</small>		
Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 14 13-0015 EA 100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	32,661.43 4,239.62 8,479.24	2,734.91
23 65 14 13-0016 EA 150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	43,556.14 5,703.30 11,406.60	3,442.76
23 65 14 13-0017 EA 200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	55,359.78 7,267.92 14,535.84	4,300.76
23 65 14 13-0018 EA 250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	65,625.66 8,545.58 17,091.15	5,384.00
23 65 14 13-0019 EA 300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	77,844.79 9,974.64 19,949.29	7,057.12
23 65 14 13-0020 EA 350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	86,750.65 11,096.56 22,193.12	7,947.30
23 65 14 13-0021 EA 400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	96,780.54 12,416.03 24,832.07	8,719.51
23 65 14 13-0022 EA 450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	109,733.01 14,132.07 28,264.14	9,663.32
23 65 14 13-0023 EA 500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	123,838.37 16,049.99 32,099.99	10,478.43
23 65 14 13-0024 EA 550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	132,707.10 17,275.73 34,551.47	11,046.86
23 65 14 13-0025 EA 600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	142,300.71 18,610.20 37,220.41	11,347.16
23 65 14 13-0026 EA 700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	161,743.83 21,500.93 43,001.87	11,733.27
23 65 14 13-0027 EA 800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	177,378.98 23,563.06 47,126.12	12,934.48
23 65 14 13-0028 EA 900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	195,973.69 26,043.38 52,086.77	14,242.94
 <b>23 65 14 14 Open-Circuit, Induced-Draft Crossflow Cooling Towers</b> <small>(23 65 14)</small>		
<b>23 65 14 14-0001 Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers</b> <small>(23 65 14 14)</small>		
Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 14 14-0002 EA 10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	8,872.69 1,060.63 2,121.26	1,201.22

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 65 Cooling Towers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14	14-0003	EA	15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	9,592.13	1,222.67
			<i>For Polymer Coating Over Galvanized Components, Add</i>	1,165.33	
			<i>For Stainless Steel Support Structure, Add</i>	2,330.66	
23 65 14	14-0004	EA	20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	10,431.36	1,329.92
			<i>For Polymer Coating Over Galvanized Components, Add</i>	1,265.47	
			<i>For Stainless Steel Support Structure, Add</i>	2,530.95	
23 65 14	14-0005	EA	25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	12,227.32	1,394.27
			<i>For Polymer Coating Over Galvanized Components, Add</i>	1,520.39	
			<i>For Stainless Steel Support Structure, Add</i>	3,040.78	
23 65 14	14-0006	EA	30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	13,871.55	1,458.62
			<i>For Polymer Coating Over Galvanized Components, Add</i>	1,752.54	
			<i>For Stainless Steel Support Structure, Add</i>	3,505.09	
23 65 14	14-0007	EA	35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	15,476.54	1,533.69
			<i>For Polymer Coating Over Galvanized Components, Add</i>	1,975.60	
			<i>For Stainless Steel Support Structure, Add</i>	3,951.19	
23 65 14	14-0008	EA	40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	16,949.41	1,608.77
			<i>For Polymer Coating Over Galvanized Components, Add</i>	2,180.44	
			<i>For Stainless Steel Support Structure, Add</i>	4,360.88	
23 65 14	14-0009	EA	45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	18,584.74	1,694.57
			<i>For Polymer Coating Over Galvanized Components, Add</i>	2,408.04	
			<i>For Stainless Steel Support Structure, Add</i>	4,816.09	
23 65 14	14-0010	EA	50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	20,180.83	1,780.37
			<i>For Polymer Coating Over Galvanized Components, Add</i>	2,626.54	
			<i>For Stainless Steel Support Structure, Add</i>	5,253.08	
23 65 14	14-0011	EA	60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	23,328.28	1,919.79
			<i>For Polymer Coating Over Galvanized Components, Add</i>	3,068.09	
			<i>For Stainless Steel Support Structure, Add</i>	6,136.19	
23 65 14	14-0012	EA	70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	26,739.95	2,069.94
			<i>For Polymer Coating Over Galvanized Components, Add</i>	3,546.06	
			<i>For Stainless Steel Support Structure, Add</i>	7,092.12	
23 65 14	14-0013	EA	75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	28,316.41	2,177.19
			<i>For Polymer Coating Over Galvanized Components, Add</i>	3,760.01	
			<i>For Stainless Steel Support Structure, Add</i>	7,520.01	
23 65 14	14-0014	EA	80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	30,021.58	2,359.52
			<i>For Polymer Coating Over Galvanized Components, Add</i>	3,973.95	
			<i>For Stainless Steel Support Structure, Add</i>	7,947.91	
23 65 14	14-0015	EA	90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	31,271.54	2,541.85
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,119.62	
			<i>For Stainless Steel Support Structure, Add</i>	8,239.24	
23 65 14	14-0016	EA	100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	33,591.20	2,734.91
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,379.09	
			<i>For Stainless Steel Support Structure, Add</i>	8,758.17	
23 65 14	14-0017	EA	125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	34,925.38	3,056.66
			<i>For Polymer Coating Over Galvanized Components, Add</i>	4,501.99	
			<i>For Stainless Steel Support Structure, Add</i>	9,003.98	
23 65 14	14-0018	EA	150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	40,585.05	3,442.76
			<i>For Polymer Coating Over Galvanized Components, Add</i>	5,257.64	
			<i>For Stainless Steel Support Structure, Add</i>	10,515.27	
23 65 14	14-0019	EA	175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	44,830.97	3,861.04
			<i>For Polymer Coating Over Galvanized Components, Add</i>	5,794.78	
			<i>For Stainless Steel Support Structure, Add</i>	11,589.56	
23 65 14	14-0020	EA	200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	47,147.22	4,300.76
			<i>For Polymer Coating Over Galvanized Components, Add</i>	6,036.04	
			<i>For Stainless Steel Support Structure, Add</i>	12,072.08	
23 65 14	14-0021	EA	225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	54,520.95	4,847.75
			<i>For Polymer Coating Over Galvanized Components, Add</i>	7,010.18	
			<i>For Stainless Steel Support Structure, Add</i>	14,020.36	
23 65 14	14-0022	EA	250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	59,759.68	5,384.00
			<i>For Polymer Coating Over Galvanized Components, Add</i>	7,665.68	
			<i>For Stainless Steel Support Structure, Add</i>	15,331.36	
23 65 14	14-0023	EA	275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	63,794.39	6,370.72
			<i>For Polymer Coating Over Galvanized Components, Add</i>	8,034.39	
			<i>For Stainless Steel Support Structure, Add</i>	16,068.79	
23 65 14	14-0024	EA	300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	68,794.22	7,057.12
			<i>For Polymer Coating Over Galvanized Components, Add</i>	8,617.06	
			<i>For Stainless Steel Support Structure, Add</i>	17,234.12	
23 65 14	14-0025	EA	350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	78,657.15	7,947.30
			<i>For Polymer Coating Over Galvanized Components, Add</i>	9,882.53	
			<i>For Stainless Steel Support Structure, Add</i>	19,765.07	
23 65 14	14-0026	EA	400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	86,718.64	8,719.51
			<i>For Polymer Coating Over Galvanized Components, Add</i>	10,906.75	
			<i>For Stainless Steel Support Structure, Add</i>	21,813.50	
23 65 14	14-0027	EA	450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	95,847.99	9,663.32
			<i>For Polymer Coating Over Galvanized Components, Add</i>	12,049.32	
			<i>For Stainless Steel Support Structure, Add</i>	24,098.63	
23 65 14	14-0028	EA	500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	104,450.50	10,478.43
			<i>For Polymer Coating Over Galvanized Components, Add</i>	13,141.81	
			<i>For Stainless Steel Support Structure, Add</i>	26,283.62	
23 65 14	14-0029	EA	600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	119,500.95	11,347.16
			<i>For Polymer Coating Over Galvanized Components, Add</i>	15,190.24	
			<i>For Stainless Steel Support Structure, Add</i>	30,380.48	
23 65 14	14-0030	EA	700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower .....	134,269.51	11,733.27
			<i>For Polymer Coating Over Galvanized Components, Add</i>	17,379.78	
			<i>For Stainless Steel Support Structure, Add</i>	34,759.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0031 EA 800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	150,116.79 19,473.73 38,947.47	12,934.48
23 65 14 14-0032 EA 900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	165,468.05 21,467.54 42,935.08	14,242.94
23 65 14 14-0033 EA 1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	180,471.58 23,365.75 46,731.50	15,744.46
23 65 14 14-0034 EA 1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	197,654.99 25,764.69 51,529.38	16,505.95
23 65 14 14-0035 EA 1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	214,227.82 28,081.69 56,163.38	17,213.80
23 65 14 14-0036 EA 1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	227,803.20 29,770.50 59,541.01	18,693.86
23 65 14 14-0037 EA 1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	240,912.92 31,363.73 62,727.46	20,281.18
23 65 14 14-0038 EA 1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	253,524.76 32,861.36 65,722.71	21,954.28
23 65 14 14-0039 EA 1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	265,170.51 34,254.29 68,508.58	23,466.53
23 65 14 14-0040 EA 1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	276,502.52 35,547.08 71,094.15	25,193.27
23 65 14 14-0041 EA 1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	287,626.24 36,744.27 73,488.54	27,188.16
23 65 14 14-0042 EA 1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	298,041.32 37,836.77 75,673.53	29,183.02
23 65 14 14-0043 EA 2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower ..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	308,955.93 38,833.67 77,667.33	31,907.20
<b>23 65 14 14-0044 Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers</b> <sup>(23 65 14 14)</sup> Note: Excludes crane and associated personnel.		
23 65 14 14-0045 EA 100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	90,870.63 4,323.67	2,734.91
23 65 14 14-0046 EA 125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	103,002.75 4,904.53	3,035.21
23 65 14 14-0047 EA 150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	112,552.83 5,350.93	3,442.76
23 65 14 14-0048 EA 200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	125,040.42 5,906.67	4,300.76
23 65 14 14-0049 EA 250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	141,543.40 6,644.41	5,384.00
23 65 14 14-0050 EA 300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	162,358.59 7,550.57	7,057.12
23 65 14 14-0051 EA 350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	176,842.05 8,203.42	7,947.30
23 65 14 14-0052 EA 400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	191,132.46 8,856.27	8,719.51
23 65 14 14-0053 EA 500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	220,535.20 10,184.84	10,478.43
23 65 14 14-0054 EA 600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	249,184.03 11,547.57	11,347.16
23 65 14 14-0055 EA 750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	308,833.13 14,422.77	12,333.88
23 65 14 14-0056 EA 1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower ..... <i>For Induced Draft Counter Flow Type, Add</i>	401,047.77 18,817.39	15,744.46
<b>23 65 14 16 Closed-Circuit, Induced-Draft Counterflow Cooling Towers</b> <sup>(23 65 14)</sup>		
<b>23 65 14 16-0001 Stainless Steel Packaged Propeller Type Cooling Towers</b> <sup>(23 65 14 16)</sup> Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
<b>23 65 14 16-0002 Draw-Thru Stainless Steel Propeller Type Cooling Towers</b> <sup>(23 65 14 16-0001)</sup> Note: Excludes crane and associated personnel.		
23 65 14 16-0003 EA 50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	38,101.98	1,780.37
23 65 14 16-0004 EA 75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	54,210.12	2,177.19
23 65 14 16-0005 EA 100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	63,833.00	2,734.91
23 65 14 16-0006 EA 125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	72,370.36	3,056.66
23 65 14 16-0007 EA 150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	79,376.04	3,442.76
23 65 14 16-0008 EA 200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	95,155.05	4,300.76
23 65 14 16-0009 EA 250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower .....	111,934.21	5,384.00

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 60 Central Cooling Equipment****23 65 Cooling Towers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0010	EA		300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	132,581.88	7,057.12
23 65 14 16-0011	EA		350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	145,109.50	7,947.30
23 65 14 16-0012	EA		400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	164,565.68	8,719.51
23 65 14 16-0013	EA		500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	190,704.16	10,478.43
23 65 14 16-0014	EA		600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	215,364.73	11,347.16
23 65 14 16-0015	EA		750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	266,591.29	12,333.88
23 65 14 16-0016	EA		1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	339,693.78	15,572.86

**23 65 14 16-0017 Belt Driven Stainless Steel Propeller Type Cooling Towers (23 65 14 16-0001)**

Note: Excludes crane and associated personnel.

23 65 14 16-0018	EA		100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	66,508.69	2,734.91
23 65 14 16-0019	EA		125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	71,953.84	3,056.66
23 65 14 16-0020	EA		150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	77,510.76	3,442.76
23 65 14 16-0021	EA		200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	91,628.21	4,300.76
23 65 14 16-0022	EA		250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	100,891.88	5,384.00

**23 65 14 16-0023 Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers (23 65 14 16)**

Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 16-0024	EA		5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	4,375.46	1,115.41
23 65 14 16-0025	EA		8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	4,605.77	1,169.04
23 65 14 16-0026	EA		10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	5,356.77	1,201.22
23 65 14 16-0027	EA		15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	6,057.41	1,222.67
23 65 14 16-0028	EA		20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	7,934.23	1,329.92
23 65 14 16-0029	EA		25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	8,392.03	1,394.27
23 65 14 16-0030	EA		30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	9,485.68	1,458.62
23 65 14 16-0031	EA		40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	10,939.24	1,608.77
23 65 14 16-0032	EA		50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	12,208.21	1,780.37
23 65 14 16-0033	EA		60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	13,683.68	1,919.79
23 65 14 16-0034	EA		70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	15,787.54	2,069.94
23 65 14 16-0035	EA		80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	17,184.76	2,359.52
23 65 14 16-0036	EA		100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	20,799.85	2,734.91
23 65 14 16-0037	EA		125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	25,721.54	3,056.66
23 65 14 16-0038	EA		150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	28,886.97	3,442.76
23 65 14 16-0039	EA		175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	35,086.66	3,861.04
23 65 14 16-0040	EA		200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	39,132.70	4,300.76
23 65 14 16-0041	EA		225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	43,249.17	4,847.75
23 65 14 16-0042	EA		250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	47,181.53	5,384.00
23 65 14 16-0043	EA		300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	56,506.54	7,057.12
23 65 14 16-0044	EA		350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	64,219.16	7,947.30
23 65 14 16-0045	EA		400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	71,377.46	8,719.51
23 65 14 16-0046	EA		500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	86,781.26	10,263.93
23 65 14 16-0047	EA		600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	99,158.28	11,347.16
23 65 14 16-0048	EA		700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	105,129.46	8,719.51
23 65 14 16-0049	EA		800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	120,235.02	12,934.48
23 65 14 16-0050	EA		1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	137,468.13	10,778.73

**23 65 43 Cooling Tower Basins and Accessories (23 65)****23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins (23 65 43)**

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel.

23 65 43 00-0002	EA		30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,315.35	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 43 00-0003	EA		30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,487.98	
			<i>For Anti-Flotation Flanges, Add</i>	115.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 43 00-0004	EA		36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,464.08	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 43 00-0005	EA		36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,714.10	
			<i>For Anti-Flotation Flanges, Add</i>	253.00	
			<i>For Perforated Basins, Add</i>	80.00	
23 65 43 00-0006	EA		42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	1,857.01	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 43 00-0007	EA		42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	2,062.34	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 43 00-0008	EA		42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	2,267.65	
			<i>For Anti-Flotation Flanges, Add</i>	276.00	
			<i>For Perforated Basins, Add</i>	100.00	
23 65 43 00-0009	EA		48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin.....	2,300.19	
			<i>For Anti-Flotation Flanges, Add</i>	294.00	
			<i>For Perforated Basins, Add</i>	140.00	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 43 00-0010 EA 48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin ..... <i>For Anti-Flotation Flanges, Add</i> <i>For Perforated Basins, Add</i>	2,544.14 294.00 140.00	
23 65 43 00-0011 EA 48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin ..... <i>For Anti-Flotation Flanges, Add</i> <i>For Perforated Basins, Add</i>	2,898.30 294.00 140.00	
23 65 43 00-0012 EA 48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin ..... <i>For Anti-Flotation Flanges, Add</i> <i>For Perforated Basins, Add</i>	3,255.44 294.00 140.00	
23 65 43 00-0013 EA 48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin ..... <i>For Anti-Flotation Flanges, Add</i> <i>For Perforated Basins, Add</i>	3,493.44 294.00 140.00	

### 23 70 Central HVAC Equipment <sup>(23)</sup>

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

#### 23 71 Thermal Storage <sup>(23 70)</sup>

##### 23 71 13 Thermal Heat Storage <sup>(23 71)</sup>

##### 23 71 13 23 Pressurized-Water Thermal Storage Tanks <sup>(23 71 13)</sup>

##### 23 71 13 23-0001 Nickelshield Storage Tanks <sup>(23 71 13 23)</sup>

23 71 13 23-0002 EA 325 Gallon Nickelshield Storage Tank.....	30,594.49	204.01
23 71 13 23-0003 EA 490 Gallon Nickelshield Storage Tank.....	42,696.89	270.49
23 71 13 23-0004 EA 605 Gallon Nickelshield Storage Tank.....	48,878.60	327.16
23 71 13 23-0005 EA 740 Gallon Nickelshield Storage Tank.....	57,869.14	408.95
23 71 13 23-0006 EA 940 Gallon Nickelshield Storage Tank.....	67,314.97	543.63
23 71 13 23-0007 EA 1,505 Gallon Nickelshield Storage Tank.....	86,953.27	818.00
23 71 13 23-0008 EA 1,615 Gallon Nickelshield Storage Tank.....	98,193.16	921.33
23 71 13 23-0009 EA 2,275 Gallon Nickelshield Storage Tank.....	134,853.07	1,223.78
23 71 13 23-0010 EA 3,815 Gallon Nickelshield Storage Tank.....	174,517.75	1,422.69

#### 23 72 Air-To-Air Energy Recovery Equipment <sup>(23 70)</sup>

##### 23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment <sup>(23 72)</sup>

##### 23 72 13 00-0001 Enthalpy Recovery Wheel <sup>(23 72 13)</sup>

23 72 13 00-0002 EA Up To 1,000 CFM Enthalpy Recovery Wheel.....	10,763.40	768.10
23 72 13 00-0003 EA >1,000 To 2,000 CFM Enthalpy Recovery Wheel.....	11,940.50	921.95
23 72 13 00-0004 EA >2,000 To 4,000 CFM Enthalpy Recovery Wheel.....	14,941.61	1,152.44
23 72 13 00-0005 EA >4,000 To 6,000 CFM Enthalpy Recovery Wheel.....	17,476.68	1,316.66
23 72 13 00-0006 EA >6,000 To 8,000 CFM Enthalpy Recovery Wheel.....	19,346.49	1,382.93
23 72 13 00-0007 EA >8,000 To 10,000 CFM Enthalpy Recovery Wheel.....	23,531.00	1,536.77
23 72 13 00-0008 EA >10,000 To 15,000 CFM Enthalpy Recovery Wheel.....	31,307.93	1,613.41
23 72 13 00-0009 EA >15,000 To 20,000 CFM Enthalpy Recovery Wheel.....	39,028.74	1,728.66
23 72 13 00-0010 EA >20,000 To 25,000 CFM Enthalpy Recovery Wheel.....	47,278.04	1,975.28
23 72 13 00-0011 EA >25,000 To 30,000 CFM Enthalpy Recovery Wheel.....	52,944.83	2,535.36
23 72 13 00-0012 EA >30,000 To 40,000 CFM Enthalpy Recovery Wheel.....	71,018.53	2,881.09
23 72 13 00-0013 EA >40,000 To 50,000 CFM Enthalpy Recovery Wheel.....	84,467.86	3,457.31

##### 23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment <sup>(23 72)</sup>

##### 23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient <sup>(23 72 16)</sup>

23 72 16 00-0002 EA 100 MBH, 1,700 CFM Glycol Heat Recovery Unit.....	19,500.75	576.21
23 72 16 00-0003 EA 160 MBH, 2,700 CFM Glycol Heat Recovery Unit.....	30,678.01	768.33
23 72 16 00-0004 EA 620 MBH, 4,000 CFM Glycol Heat Recovery Unit.....	45,477.38	1,152.44

#### 23 73 Indoor Central-Station Air-Handling Units <sup>(23 70)</sup>

##### 23 73 13 Modular Indoor Central-Station Air-Handling Units <sup>(23 73)</sup>

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

##### 23 73 13 00-0001 Single Zone Units <sup>(23 73 13)</sup>

Note: Horizontal/vertical draw-thru fan, motor and cabinet.



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0002	EA		300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	2,757.25	608.09
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	232.29	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	438.52	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	653.43	
			<i>For Manual Roll Filter, Add</i>	1,125.57	
			<i>For Automatic Roll Filter, Add</i>	1,220.00	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	559.01	
			<i>For Electric Heating Coil, Add</i>	936.71	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	936.71	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	842.29	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	747.86	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	610.00	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,125.57	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,031.14	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	747.86	
			<i>For Variable Air Volume, Add</i>	264.40	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,248.10	
			<i>For 2 Coils, Independent Circuits, Add</i>	313.50	
23 73 13 00-0003	EA		500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	4,382.89	729.72
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	386.21	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	741.17	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,106.54	
			<i>For Manual Roll Filter, Add</i>	1,941.86	
			<i>For Automatic Roll Filter, Add</i>	2,108.92	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	939.48	
			<i>For Electric Heating Coil, Add</i>	1,607.73	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,607.73	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,440.67	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,273.61	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,054.46	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,941.86	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,774.80	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,273.61	
			<i>For Variable Air Volume, Add</i>	467.78	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,369.13	
			<i>For 2 Coils, Independent Circuits, Add</i>	505.11	
23 73 13 00-0004	EA		800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	4,959.38	783.68
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	439.96	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	846.34	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,263.92	
			<i>For Manual Roll Filter, Add</i>	2,223.90	
			<i>For Automatic Roll Filter, Add</i>	2,415.89	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,071.92	
			<i>For Electric Heating Coil, Add</i>	1,839.91	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,839.91	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,647.91	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,455.92	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,207.95	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	2,223.90	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	2,031.90	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,455.92	
			<i>For Variable Air Volume, Add</i>	537.59	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,423.63	
			<i>For 2 Coils, Independent Circuits, Add</i>	572.74	
23 73 13 00-0005	EA		1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	5,600.63	842.10
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	499.90	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	963.71	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,439.55	
			<i>For Manual Roll Filter, Add</i>	2,538.91	
			<i>For Automatic Roll Filter, Add</i>	2,758.78	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,219.68	
			<i>For Electric Heating Coil, Add</i>	2,099.17	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,099.17	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,879.30	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,659.42	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,379.39	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	2,538.91	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	2,319.04	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,659.42	
			<i>For Variable Air Volume, Add</i>	615.64	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,482.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	648.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0006 EA 1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	6,357.63	905.95
For Flat Filter Box And Throwaway Filters, Add	571.13	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,103.47	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,648.75	
For Manual Roll Filter, Add	2,914.97	
For Automatic Roll Filter, Add	3,168.22	
For Hot Water Heating Coil, Aluminum Fins, Add	1,395.50	
For Electric Heating Coil, Add	2,408.48	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,408.48	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,155.24	
For Steam Heating Coil, Aluminum Fins, Add	1,901.99	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,584.11	
For Chilled Water Cooling Coil, Copper Fins, Add	2,914.97	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,661.73	
For Hot Water Heating Coil, Copper Fins, Add	1,901.99	
For Variable Air Volume, Add	709.09	
For Economizer, Panel, Controls And Damper(s), Add	1,544.90	
For 2 Coils, Independent Circuits, Add	737.06	
23 73 13 00-0007 EA 1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	7,240.99	973.60
For Flat Filter Box And Throwaway Filters, Add	654.56	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,267.39	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,894.13	
For Manual Roll Filter, Add	3,356.68	
For Automatic Roll Filter, Add	3,649.18	
For Hot Water Heating Coil, Aluminum Fins, Add	1,601.62	
For Electric Heating Coil, Add	2,771.66	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,771.66	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,479.15	
For Steam Heating Coil, Aluminum Fins, Add	2,186.64	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,824.59	
For Chilled Water Cooling Coil, Copper Fins, Add	3,356.68	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,064.17	
For Hot Water Heating Coil, Copper Fins, Add	2,186.64	
For Variable Air Volume, Add	819.02	
For Economizer, Panel, Controls And Damper(s), Add	1,613.57	
For 2 Coils, Independent Circuits, Add	841.10	
23 73 13 00-0008 EA 1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	7,931.22	1,046.68
For Flat Filter Box And Throwaway Filters, Add	718.52	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,392.27	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,080.94	
For Manual Roll Filter, Add	3,690.72	
For Automatic Roll Filter, Add	4,012.68	
For Hot Water Heating Coil, Aluminum Fins, Add	1,758.99	
For Electric Heating Coil, Add	3,046.81	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,046.81	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,724.86	
For Steam Heating Coil, Aluminum Fins, Add	2,402.90	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,006.34	
For Chilled Water Cooling Coil, Copper Fins, Add	3,690.72	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,368.77	
For Hot Water Heating Coil, Copper Fins, Add	2,402.90	
For Variable Air Volume, Add	901.48	
For Economizer, Panel, Controls And Damper(s), Add	1,684.48	
For 2 Coils, Independent Circuits, Add	921.90	
23 73 13 00-0009 EA 1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	8,678.42	1,128.01
For Flat Filter Box And Throwaway Filters, Add	787.29	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,526.24	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,281.31	
For Manual Roll Filter, Add	4,048.14	
For Automatic Roll Filter, Add	4,401.50	
For Hot Water Heating Coil, Aluminum Fins, Add	1,927.94	
For Electric Heating Coil, Add	3,341.40	
For Chilled Water Cooling Coil, Aluminum Fins, Add	3,341.40	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,988.04	
For Steam Heating Coil, Aluminum Fins, Add	2,634.67	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,200.75	
For Chilled Water Cooling Coil, Copper Fins, Add	4,048.14	
For Direct Expansion Cooling Coil, Copper Fins, Add	3,694.77	
For Hot Water Heating Coil, Copper Fins, Add	2,634.67	
For Variable Air Volume, Add	989.42	
For Economizer, Panel, Controls And Damper(s), Add	1,636.11	
For 2 Coils, Independent Circuits, Add	1,009.19	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 73 13 00-0010	EA	2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,501.79	1,209.35
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	863.79	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,675.75	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,504.99	
		<i>For Manual Roll Filter, Add</i>	4,448.50	
		<i>For Automatic Roll Filter, Add</i>	4,837.20	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,116.29	
		<i>For Electric Heating Coil, Add</i>	3,671.10	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,671.10	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,282.39	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,893.69	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,418.60	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,448.50	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,059.80	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,893.69	
		<i>For Variable Air Volume, Add</i>	1,088.37	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,700.26	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,105.66	
23 73 13 00-0011	EA	2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,259.26	1,299.91
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	933.08	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,810.44	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,706.38	
		<i>For Manual Roll Filter, Add</i>	4,806.94	
		<i>For Automatic Roll Filter, Add</i>	5,227.06	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,286.27	
		<i>For Electric Heating Coil, Add</i>	3,966.72	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,966.72	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,546.60	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,126.49	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,613.53	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,806.94	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,386.83	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,126.49	
		<i>For Variable Air Volume, Add</i>	1,176.32	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,771.35	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,193.97	
23 73 13 00-0012	EA	2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	11,067.68	1,398.73
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,006.87	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,953.80	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,920.71	
		<i>For Manual Roll Filter, Add</i>	5,188.15	
		<i>For Automatic Roll Filter, Add</i>	5,641.63	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,467.23	
		<i>For Electric Heating Coil, Add</i>	4,281.17	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,281.17	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,827.69	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,374.20	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,820.82	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,188.15	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,734.66	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,374.20	
		<i>For Variable Air Volume, Add</i>	1,269.76	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,848.87	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,288.16	
23 73 13 00-0013	EA	3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	12,874.57	1,619.06
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,171.81	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,274.24	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,399.80	
		<i>For Manual Roll Filter, Add</i>	6,040.23	
		<i>For Automatic Roll Filter, Add</i>	6,568.32	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,871.72	
		<i>For Electric Heating Coil, Add</i>	4,984.06	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,984.06	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,455.97	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,927.89	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,284.16	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,040.23	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,512.15	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,927.89	
		<i>For Variable Air Volume, Add</i>	1,478.64	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,022.07	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,498.69	



<b>Heating, Ventilating, and Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Indoor Central-Station Air-Handling Units		23 73

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0014 EA 3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	13,479.89	1,739.92
For Flat Filter Box And Throwaway Filters, Add	1,223.68	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,372.76	
For Combination Filter Mixing Box And Throwaway Filters, Add	3,546.71	
For Manual Roll Filter, Add	6,295.11	
For Automatic Roll Filter, Add	6,844.79	
For Hot Water Heating Coil, Aluminum Fins, Add	2,997.03	
For Electric Heating Coil, Add	5,195.75	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,195.75	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,646.07	
For Steam Heating Coil, Aluminum Fins, Add	4,096.39	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,422.40	
For Chilled Water Cooling Coil, Copper Fins, Add	6,295.11	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,745.43	
For Hot Water Heating Coil, Copper Fins, Add	4,096.39	
For Variable Air Volume, Add	1,539.11	
For Economizer, Panel, Controls And Damper(s), Add	2,117.45	
For 2 Coils, Independent Circuits, Add	1,567.86	
23 73 13 00-0015 EA 3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	14,096.81	1,869.89
For Flat Filter Box And Throwaway Filters, Add	1,276.12	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,472.09	
For Combination Filter Mixing Box And Throwaway Filters, Add	3,694.78	
For Manual Roll Filter, Add	6,551.16	
For Automatic Roll Filter, Add	7,122.43	
For Hot Water Heating Coil, Aluminum Fins, Add	3,123.51	
For Electric Heating Coil, Add	5,408.61	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,408.61	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,837.33	
For Steam Heating Coil, Aluminum Fins, Add	4,266.06	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,561.22	
For Chilled Water Cooling Coil, Copper Fins, Add	6,551.16	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,979.88	
For Hot Water Heating Coil, Copper Fins, Add	4,266.06	
For Variable Air Volume, Add	1,599.57	
For Economizer, Panel, Controls And Damper(s), Add	2,219.22	
For 2 Coils, Independent Circuits, Add	1,638.19	
23 73 13 00-0016 EA 4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	15,452.71	2,158.74
For Flat Filter Box And Throwaway Filters, Add	1,391.03	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,689.51	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,018.83	
For Manual Roll Filter, Add	7,110.79	
For Automatic Roll Filter, Add	7,729.18	
For Hot Water Heating Coil, Aluminum Fins, Add	3,400.44	
For Electric Heating Coil, Add	5,874.00	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,874.00	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,255.61	
For Steam Heating Coil, Aluminum Fins, Add	4,637.22	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,864.59	
For Chilled Water Cooling Coil, Copper Fins, Add	7,110.79	
For Direct Expansion Cooling Coil, Copper Fins, Add	6,492.40	
For Hot Water Heating Coil, Copper Fins, Add	4,637.22	
For Variable Air Volume, Add	1,731.49	
For Economizer, Panel, Controls And Damper(s), Add	2,173.96	
For 2 Coils, Independent Circuits, Add	1,792.63	
23 73 13 00-0017 EA 4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	15,452.71	2,158.74
For Flat Filter Box And Throwaway Filters, Add	1,391.03	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,689.51	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,018.83	
For Manual Roll Filter, Add	7,110.79	
For Automatic Roll Filter, Add	7,729.18	
For Hot Water Heating Coil, Aluminum Fins, Add	3,400.44	
For Electric Heating Coil, Add	5,874.00	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,874.00	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,255.61	
For Steam Heating Coil, Aluminum Fins, Add	4,637.22	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,864.59	
For Chilled Water Cooling Coil, Copper Fins, Add	7,110.79	
For Direct Expansion Cooling Coil, Copper Fins, Add	6,492.40	
For Hot Water Heating Coil, Copper Fins, Add	4,637.22	
For Variable Air Volume, Add	1,731.49	
For Economizer, Panel, Controls And Damper(s), Add	2,173.96	
For 2 Coils, Independent Circuits, Add	1,792.63	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 73 13 00-0018	EA	5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	16,931.50	2,479.51
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,516.01	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,925.73	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,370.88	
		<i>For Manual Roll Filter, Add</i>	7,718.04	
		<i>For Automatic Roll Filter, Add</i>	8,387.47	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,701.45	
		<i>For Electric Heating Coil, Add</i>	6,379.17	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,379.17	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,709.74	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	5,040.31	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,193.74	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,718.04	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,048.61	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	5,040.31	
		<i>For Variable Air Volume, Add</i>	1,874.41	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,357.14	
		<i>For 2 Coils, Independent Circuits, Add</i>	1,960.92	
23 73 13 00-0019	EA	5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	17,782.16	2,690.07
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,586.02	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,056.73	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,565.88	
		<i>For Manual Roll Filter, Add</i>	8,050.46	
		<i>For Automatic Roll Filter, Add</i>	8,747.38	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,868.96	
		<i>For Electric Heating Coil, Add</i>	6,656.63	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,656.63	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,959.71	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	5,262.80	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,373.69	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	8,050.46	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,353.54	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	5,262.80	
		<i>For Variable Air Volume, Add</i>	1,951.36	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,477.54	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,056.98	
23 73 13 00-0020	EA	6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	18,616.84	2,889.98
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,655.24	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,186.62	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,759.28	
		<i>For Manual Roll Filter, Add</i>	8,381.28	
		<i>For Automatic Roll Filter, Add</i>	9,105.68	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,034.88	
		<i>For Electric Heating Coil, Add</i>	6,932.48	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,932.48	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	6,208.08	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	5,483.68	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,552.84	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	8,381.28	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,656.88	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	5,483.68	
		<i>For Variable Air Volume, Add</i>	2,028.32	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,591.54	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,151.44	
23 73 13 00-0021	EA	6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	19,456.34	3,093.69
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,724.70	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,316.84	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,953.17	
		<i>For Manual Roll Filter, Add</i>	8,712.59	
		<i>For Automatic Roll Filter, Add</i>	9,464.47	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,201.29	
		<i>For Electric Heating Coil, Add</i>	7,208.82	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	7,208.82	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	6,456.94	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	5,705.05	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,732.24	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	8,712.59	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,960.71	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	5,705.05	
		<i>For Variable Air Volume, Add</i>	2,105.28	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,707.46	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,246.39	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0022 EA 7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	20,423.33	3,330.08
For Flat Filter Box And Throwaway Filters, Add	1,804.46	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,466.20	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,175.51	
For Manual Roll Filter, Add	9,091.98	
For Automatic Roll Filter, Add	9,875.28	
For Hot Water Heating Coil, Aluminum Fins, Add	4,392.22	
For Electric Heating Coil, Add	7,525.39	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,525.39	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,742.10	
For Steam Heating Coil, Aluminum Fins, Add	5,958.81	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,937.64	
For Chilled Water Cooling Coil, Copper Fins, Add	9,091.98	
For Direct Expansion Cooling Coil, Copper Fins, Add	8,308.69	
For Hot Water Heating Coil, Copper Fins, Add	5,958.81	
For Variable Air Volume, Add	2,193.22	
For Economizer, Panel, Controls And Damper(s), Add	2,842.98	
For 2 Coils, Independent Circuits, Add	2,355.65	
23 73 13 00-0023 EA 7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	21,404.15	3,568.00
For Flat Filter Box And Throwaway Filters, Add	1,884.91	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,616.52	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,399.24	
For Manual Roll Filter, Add	9,472.76	
For Automatic Roll Filter, Add	10,287.47	
For Hot Water Heating Coil, Aluminum Fins, Add	4,584.53	
For Electric Heating Coil, Add	7,843.35	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,843.35	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,028.65	
For Steam Heating Coil, Aluminum Fins, Add	6,213.94	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,143.73	
For Chilled Water Cooling Coil, Copper Fins, Add	9,472.76	
For Direct Expansion Cooling Coil, Copper Fins, Add	8,658.06	
For Hot Water Heating Coil, Copper Fins, Add	6,213.94	
For Variable Air Volume, Add	2,281.17	
For Economizer, Panel, Controls And Damper(s), Add	2,713.02	
For 2 Coils, Independent Circuits, Add	2,466.30	
23 73 13 00-0024 EA 8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	22,413.50	3,842.30
For Flat Filter Box And Throwaway Filters, Add	1,966.79	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,768.84	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,625.81	
For Manual Roll Filter, Add	9,856.39	
For Automatic Roll Filter, Add	10,702.50	
For Hot Water Heating Coil, Aluminum Fins, Add	4,779.70	
For Electric Heating Coil, Add	8,164.16	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,164.16	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,318.04	
For Steam Heating Coil, Aluminum Fins, Add	6,471.93	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,351.25	
For Chilled Water Cooling Coil, Copper Fins, Add	9,856.39	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,010.27	
For Hot Water Heating Coil, Copper Fins, Add	6,471.93	
For Variable Air Volume, Add	2,369.12	
For Economizer, Panel, Controls And Damper(s), Add	2,827.36	
For 2 Coils, Independent Circuits, Add	2,579.80	
23 73 13 00-0025 EA 9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....	23,562.83	4,162.42
For Flat Filter Box And Throwaway Filters, Add	2,059.59	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,941.17	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,882.09	
For Manual Roll Filter, Add	10,289.35	
For Automatic Roll Filter, Add	11,170.80	
For Hot Water Heating Coil, Aluminum Fins, Add	5,000.64	
For Electric Heating Coil, Add	8,526.45	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,526.45	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,645.00	
For Steam Heating Coil, Aluminum Fins, Add	6,763.54	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,585.40	
For Chilled Water Cooling Coil, Copper Fins, Add	10,289.35	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,407.90	
For Hot Water Heating Coil, Copper Fins, Add	6,763.54	
For Variable Air Volume, Add	2,468.07	
For Economizer, Panel, Controls And Damper(s), Add	2,960.14	
For 2 Coils, Independent Circuits, Add	2,708.86	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

23 73 13 00-0026	EA	10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,685.97	4,444.09
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,151.09	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,111.67	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,135.75	
		<i>For Manual Roll Filter, Add</i>	10,719.69	
		<i>For Automatic Roll Filter, Add</i>	11,636.48	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,218.96	
		<i>For Electric Heating Coil, Add</i>	8,886.12	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	8,886.12	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,969.33	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	7,052.54	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,818.24	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	10,719.69	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	9,802.91	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	7,052.54	
		<i>For Variable Air Volume, Add</i>	2,567.01	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,085.06	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,835.31	
23 73 13 00-0027	EA	11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	24,815.42	4,303.03
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,175.23	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,166.67	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,219.37	
		<i>For Manual Roll Filter, Add</i>	10,891.65	
		<i>For Automatic Roll Filter, Add</i>	11,826.11	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,284.91	
		<i>For Electric Heating Coil, Add</i>	9,022.74	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	9,022.74	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	8,088.28	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	7,153.82	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,913.05	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	10,891.65	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	9,957.19	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	7,153.82	
		<i>For Variable Air Volume, Add</i>	2,616.48	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,017.89	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,855.32	
23 73 13 00-0028	EA	12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	25,861.25	4,774.09
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,245.19	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,285.81	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,394.63	
		<i>For Manual Roll Filter, Add</i>	11,155.25	
		<i>For Automatic Roll Filter, Add</i>	12,107.38	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,442.50	
		<i>For Electric Heating Coil, Add</i>	9,251.00	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	9,251.00	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	8,298.88	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	7,346.75	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,053.69	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	11,155.25	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	10,203.13	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	7,346.75	
		<i>For Variable Air Volume, Add</i>	2,665.95	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,225.63	
		<i>For 2 Coils, Independent Circuits, Add</i>	2,966.98	
23 73 13 00-0029	EA	13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	27,243.78	4,965.86
		<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,371.25	
		<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,530.61	
		<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,760.60	
		<i>For Manual Roll Filter, Add</i>	11,805.88	
		<i>For Automatic Roll Filter, Add</i>	12,814.94	
		<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,751.55	
		<i>For Electric Heating Coil, Add</i>	9,787.77	
		<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	9,787.77	
		<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	8,778.71	
		<i>For Steam Heating Coil, Aluminum Fins, Add</i>	7,769.66	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,407.47	
		<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	11,805.88	
		<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	10,796.83	
		<i>For Hot Water Heating Coil, Copper Fins, Add</i>	7,769.66	
		<i>For Variable Air Volume, Add</i>	2,825.36	
		<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,812.53	
		<i>For 2 Coils, Independent Circuits, Add</i>	3,128.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0030 EA 15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....28,694.18	5,158.17	
For Flat Filter Box And Throwaway Filters, Add	2,500.70	
For Medium Capacity Filter Box And Throwaway Filters, Add	4,780.16	
For Combination Filter Mixing Box And Throwaway Filters, Add	7,133.37	
For Manual Roll Filter, Add	12,463.31	
For Automatic Roll Filter, Add	13,529.29	
For Hot Water Heating Coil, Aluminum Fins, Add	6,067.38	
For Electric Heating Coil, Add	10,331.33	
For Chilled Water Cooling Coil, Aluminum Fins, Add	10,331.33	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,265.34	
For Steam Heating Coil, Aluminum Fins, Add	8,199.36	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,764.65	
For Chilled Water Cooling Coil, Copper Fins, Add	12,463.31	
For Direct Expansion Cooling Coil, Copper Fins, Add	11,397.32	
For Hot Water Heating Coil, Copper Fins, Add	8,199.36	
For Variable Air Volume, Add	2,984.77	
For Economizer, Panel, Controls And Damper(s), Add	2,874.89	
For 2 Coils, Independent Circuits, Add	3,295.81	
23 73 13 00-0031 EA 16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....30,238.64	5,356.56	
For Flat Filter Box And Throwaway Filters, Add	2,642.70	
For Medium Capacity Filter Box And Throwaway Filters, Add	5,056.71	
For Combination Filter Mixing Box And Throwaway Filters, Add	7,546.95	
For Manual Roll Filter, Add	13,200.80	
For Automatic Roll Filter, Add	14,331.57	
For Hot Water Heating Coil, Aluminum Fins, Add	6,416.18	
For Electric Heating Coil, Add	10,939.26	
For Chilled Water Cooling Coil, Aluminum Fins, Add	10,939.26	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,808.49	
For Steam Heating Coil, Aluminum Fins, Add	8,677.72	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	7,165.79	
For Chilled Water Cooling Coil, Copper Fins, Add	13,200.80	
For Direct Expansion Cooling Coil, Copper Fins, Add	12,070.03	
For Hot Water Heating Coil, Copper Fins, Add	8,677.72	
For Variable Air Volume, Add	3,166.16	
For Economizer, Panel, Controls And Damper(s), Add	2,924.64	
For 2 Coils, Independent Circuits, Add	3,476.17	
23 73 13 00-0032 EA 17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....31,843.69	5,555.17	
For Flat Filter Box And Throwaway Filters, Add	2,787.74	
For Medium Capacity Filter Box And Throwaway Filters, Add	5,337.50	
For Combination Filter Mixing Box And Throwaway Filters, Add	7,966.59	
For Manual Roll Filter, Add	13,944.36	
For Automatic Roll Filter, Add	15,139.92	
For Hot Water Heating Coil, Aluminum Fins, Add	6,771.03	
For Electric Heating Coil, Add	11,553.25	
For Chilled Water Cooling Coil, Aluminum Fins, Add	11,553.25	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,357.70	
For Steam Heating Coil, Aluminum Fins, Add	9,162.14	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	7,569.96	
For Chilled Water Cooling Coil, Copper Fins, Add	13,944.36	
For Direct Expansion Cooling Coil, Copper Fins, Add	12,748.81	
For Hot Water Heating Coil, Copper Fins, Add	9,162.14	
For Variable Air Volume, Add	3,347.55	
For Economizer, Panel, Controls And Damper(s), Add	2,986.52	
For 2 Coils, Independent Circuits, Add	3,662.59	
23 73 13 00-0033 EA 20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan .....35,525.90	5,955.54	
For Flat Filter Box And Throwaway Filters, Add	3,126.94	
For Medium Capacity Filter Box And Throwaway Filters, Add	5,998.48	
For Combination Filter Mixing Box And Throwaway Filters, Add	10,305.81	
For Manual Roll Filter, Add	14,897.99	
For Automatic Roll Filter, Add	15,708.38	
For Hot Water Heating Coil, Aluminum Fins, Add	6,253.88	
For Electric Heating Coil, Add	6,794.13	
For Chilled Water Cooling Coil, Aluminum Fins, Add	11,656.45	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,305.81	
For Steam Heating Coil, Aluminum Fins, Add	8,955.16	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	7,178.87	
For Chilled Water Cooling Coil, Copper Fins, Add	14,357.73	
For Direct Expansion Cooling Coil, Copper Fins, Add	13,007.09	
For Hot Water Heating Coil, Copper Fins, Add	10,305.81	
For Variable Air Volume, Add	3,781.80	
For Economizer, Panel, Controls And Damper(s), Add	3,224.78	
For 2 Coils, Independent Circuits, Add	4,092.85	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

23 73 13 00-0034	EA		22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	39,434.84 3,483.36 6,690.65 11,501.59 16,641.10 17,548.07 6,966.73 7,571.37 13,013.21 11,501.59 9,989.97 8,018.23 16,036.45 14,524.83 11,501.59 4,232.54 3,345.42 4,548.13	6,418.44
23 73 13 00-0035	EA		25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	43,715.83 3,879.99 7,465.01 12,842.55 18,602.81 19,619.32 7,759.97 8,437.65 14,536.74 12,842.55 11,148.36 8,962.57 17,925.13 16,230.94 12,842.55 4,743.74 3,455.59 5,049.26	6,877.23
23 73 13 00-0036	EA		27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	53,923.02 4,863.46 9,409.62 16,228.86 23,597.71 24,898.10 9,726.92 10,593.85 18,396.17 16,228.86 14,061.55 11,365.40 22,730.79 20,563.48 16,228.86 6,068.47 3,585.94 6,259.23	7,406.61
23 73 13 00-0037	EA		30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	60,285.24 5,464.27 10,589.98 18,278.54 26,608.56 28,078.56 10,928.53 11,908.53 20,728.55 18,278.54 15,828.54 12,814.28 25,628.56 23,178.55 18,278.54 6,860.01 3,457.77 7,008.53	7,905.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0038 EA 32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	66,063.33 5,998.56 11,632.47 20,083.32 29,247.67 30,864.91 11,997.13 13,075.29 22,778.72 20,083.32 17,387.92 14,084.75 28,169.51 25,474.11 20,083.32 7,547.11 3,588.31 7,684.49	8,513.02
23 73 13 00-0039 EA 35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	72,493.70 6,589.03 12,781.86 22,071.11 32,149.89 33,928.50 13,178.07 14,363.81 25,035.46 22,071.11 19,106.76 15,482.08 30,964.15 27,999.81 22,071.11 8,300.17 3,746.01 8,435.11	9,921.94
23 73 13 00-0040 EA 37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	78,039.16 7,103.85 13,787.65 23,813.36 34,699.78 36,620.91 14,207.69 15,488.45 27,015.24 23,813.36 20,611.47 16,709.51 33,419.02 30,217.13 23,813.36 8,965.29 3,865.21 9,084.67	9,805.65
23 73 13 00-0041 EA 40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For Manual Roll Filter, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Variable Air Volume, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For 2 Coils, Independent Circuits, Add</i>	84,177.32 7,665.96 14,880.86 25,703.22 37,457.35 39,531.61 15,331.93 16,714.76 29,160.31 25,703.22 22,246.12 18,037.25 36,074.51 32,617.41 25,703.22 9,679.87 3,709.42 9,800.57	10,489.65



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0042	EA		45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... 90,858.45		11,325.89
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,276.82	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	16,068.23	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	27,755.35	
			<i>For Manual Roll Filter, Add</i>	40,450.61	
			<i>For Automatic Roll Filter, Add</i>	42,690.95	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	16,553.65	
			<i>For Electric Heating Coil, Add</i>	18,047.21	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	31,489.25	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	27,755.35	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	24,021.45	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	19,478.52	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	38,957.05	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	35,223.15	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	27,755.35	
			<i>For Variable Air Volume, Add</i>	10,454.92	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,852.56	
			<i>For 2 Coils, Independent Circuits, Add</i>	10,579.41	
23 73 13 00-0043	EA		47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... 94,648.71		11,857.86
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,619.46	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	16,731.68	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	28,900.00	
			<i>For Manual Roll Filter, Add</i>	42,115.89	
			<i>For Automatic Roll Filter, Add</i>	44,448.10	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	17,238.92	
			<i>For Electric Heating Coil, Add</i>	18,793.73	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	32,787.02	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	28,900.00	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	25,012.97	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	20,280.54	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	40,561.08	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	36,674.05	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	28,900.00	
			<i>For Variable Air Volume, Add</i>	10,883.67	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,943.53	
			<i>For 2 Coils, Independent Circuits, Add</i>	11,019.68	
23 73 13 00-0044	EA		50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... 98,223.28		12,313.93
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,943.46	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	17,359.60	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	29,983.82	
			<i>For Manual Roll Filter, Add</i>	43,693.63	
			<i>For Automatic Roll Filter, Add</i>	46,113.01	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	17,886.92	
			<i>For Electric Heating Coil, Add</i>	19,499.84	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	34,016.12	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	29,983.82	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	25,951.52	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	21,040.36	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	42,080.71	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	38,048.41	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	29,983.82	
			<i>For Variable Air Volume, Add</i>	11,290.43	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,027.17	
			<i>For 2 Coils, Independent Circuits, Add</i>	11,435.25	
23 73 13 00-0045	EA		55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ..... 105,918.51		13,150.07
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	9,652.14	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	18,740.46	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	32,372.94	
			<i>For Manual Roll Filter, Add</i>	47,184.07	
			<i>For Automatic Roll Filter, Add</i>	49,797.80	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	19,304.29	
			<i>For Electric Heating Coil, Add</i>	21,046.77	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	36,729.15	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	32,372.94	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	28,016.72	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	22,720.79	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	45,441.59	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	41,085.37	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	32,372.94	
			<i>For Variable Air Volume, Add</i>	12,197.41	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,179.27	
			<i>For 2 Coils, Independent Circuits, Add</i>	12,334.34	



<b>Heating, Ventilating, and Air-Conditioning (HVAC)</b>		<b>23</b>
Central HVAC Equipment		23 70
Indoor Central-Station Air-Handling Units		23 73

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0046	EA	60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ... For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	115,910.40 10,585.59 20,567.92 35,541.40 51,827.64 54,701.69 21,171.18 23,087.21 40,331.47 35,541.40 30,751.33 24,955.81 49,911.62 45,121.54 35,541.40 13,412.20 3,910.90 13,507.07	14,062.21
23 73	13 00-0047	EA	65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ... For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	127,099.27 11,624.04 22,596.55 39,055.32 56,970.19 60,131.64 23,248.09 25,355.72 44,324.40 39,055.32 33,786.24 27,431.28 54,862.56 49,593.48 39,055.32 14,753.42 4,071.77 14,817.56	15,202.38
23 73	13 00-0048	EA	70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan ... For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	139,549.45 12,774.64 24,841.09 42,940.77 62,651.13 66,129.43 25,549.28 27,868.14 48,737.94 42,940.77 37,143.61 30,166.13 60,332.27 54,535.10 42,940.77 16,232.06 4,260.62 16,273.81	16,494.59
23 73	13 00-0049	<b>Multi-Zone Units</b> <small>(23 73 13)</small> Note: Horizontal/vertical blow-thru fan, motor and cabinet.			
23 73	13 00-0050	EA	1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	8,235.97 2,007.74 725.90 1,393.19 1,765.91 3,650.52 3,650.52 823.60 949.24 3,022.32 3,022.32 3,650.52 3,650.52 949.24	1,367.99
23 73	13 00-0051	EA	1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan ..... For Economizer, Panel, Controls And Damper(s), Add For Flat Filter Box And Throwaway Filters, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Manual Roll Filter, Add For Automatic Roll Filter, Add For Hot Water Heating Coil, Aluminum Fins, Add For Electric Heating Coil, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For 2 Coils, Independent Circuits, Add	10,261.75 2,353.91 903.75 1,734.05 2,198.17 4,542.16 4,542.16 1,026.18 1,182.44 3,760.83 3,760.83 4,542.16 4,542.16 1,182.44	1,713.85

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 73 Indoor Central-Station Air-Handling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0052	EA		1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	12,735.42	1,824.07
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,463.92	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,143.26	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,208.36	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,793.02	
			<i>For Manual Roll Filter, Add</i>	5,831.96	
			<i>For Automatic Roll Filter, Add</i>	5,831.96	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,273.54	
			<i>For Electric Heating Coil, Add</i>	1,476.14	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,818.98	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,818.98	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,831.96	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,831.96	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,476.14	
23 73 13 00-0053	EA		2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	13,233.61	1,953.29
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,592.78	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,183.88	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,284.06	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,889.95	
			<i>For Manual Roll Filter, Add</i>	6,023.13	
			<i>For Automatic Roll Filter, Add</i>	6,023.13	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,323.36	
			<i>For Electric Heating Coil, Add</i>	1,532.24	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,978.74	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,978.74	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,023.13	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,023.13	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,532.24	
23 73 13 00-0054	EA		2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	15,516.28	2,093.91
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,733.99	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,402.06	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,714.37	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,430.36	
			<i>For Manual Roll Filter, Add</i>	7,187.82	
			<i>For Automatic Roll Filter, Add</i>	7,187.82	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,551.63	
			<i>For Electric Heating Coil, Add</i>	1,802.13	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,935.33	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,935.33	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,187.82	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,187.82	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,802.13	
23 73 13 00-0055	EA		3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	16,356.27	2,242.35
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,882.24	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,475.47	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,854.84	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,608.59	
			<i>For Manual Roll Filter, Add</i>	7,554.51	
			<i>For Automatic Roll Filter, Add</i>	7,554.51	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,635.63	
			<i>For Electric Heating Coil, Add</i>	1,898.69	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,239.20	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	6,239.20	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,554.51	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,554.51	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,898.69	
23 73 13 00-0056	EA		3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	17,240.64	2,394.27
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,034.07	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,553.06	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,003.52	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,797.15	
			<i>For Manual Roll Filter, Add</i>	7,943.31	
			<i>For Automatic Roll Filter, Add</i>	7,943.31	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,724.06	
			<i>For Electric Heating Coil, Add</i>	2,000.47	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,561.25	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	6,561.25	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,943.31	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,943.31	
			<i>For 2 Coils, Independent Circuits, Add</i>	2,000.47	
23 73 13 00-0057	EA		4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	19,249.71	2,569.20
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,764.29	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,741.85	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	3,373.84	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,263.08	
			<i>For Manual Roll Filter, Add</i>	8,939.29	
			<i>For Automatic Roll Filter, Add</i>	8,939.29	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,924.97	
			<i>For Electric Heating Coil, Add</i>	2,236.72	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	7,380.55	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	7,380.55	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	8,939.29	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	8,939.29	
			<i>For 2 Coils, Independent Circuits, Add</i>	2,236.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0058 EA 4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	21,049.43	2,751.42
For Economizer, Panel, Controls And Damper(s), Add	2,911.95	
For Flat Filter Box And Throwaway Filters, Add	1,908.40	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,698.88	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,672.74	
For Manual Roll Filter, Add	9,808.32	
For Automatic Roll Filter, Add	9,808.32	
For Hot Water Heating Coil, Aluminum Fins, Add	2,104.94	
For Electric Heating Coil, Add	2,447.32	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,096.46	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,096.46	
For Chilled Water Cooling Coil, Copper Fins, Add	9,808.32	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,808.32	
For 2 Coils, Independent Circuits, Add	2,447.32	
23 73 13 00-0059 EA 5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	22,249.49	2,938.62
For Economizer, Panel, Controls And Damper(s), Add	3,053.71	
For Flat Filter Box And Throwaway Filters, Add	2,015.52	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,905.39	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,934.09	
For Manual Roll Filter, Add	10,352.37	
For Automatic Roll Filter, Add	10,352.37	
For Hot Water Heating Coil, Aluminum Fins, Add	2,224.95	
For Electric Heating Coil, Add	2,586.17	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,546.27	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,546.27	
For Chilled Water Cooling Coil, Copper Fins, Add	10,352.37	
For Direct Expansion Cooling Coil, Copper Fins, Add	10,352.37	
For 2 Coils, Independent Circuits, Add	2,586.17	
23 73 13 00-0060 EA 5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	24,550.46	3,139.51
For Economizer, Panel, Controls And Damper(s), Add	3,217.92	
For Flat Filter Box And Throwaway Filters, Add	2,230.69	
For Medium Capacity Filter Box And Throwaway Filters, Add	4,326.77	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,464.55	
For Manual Roll Filter, Add	11,483.54	
For Automatic Roll Filter, Add	11,483.54	
For Hot Water Heating Coil, Aluminum Fins, Add	2,455.05	
For Electric Heating Coil, Add	2,856.31	
For Chilled Water Cooling Coil, Aluminum Fins, Add	9,477.21	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,477.21	
For Chilled Water Cooling Coil, Copper Fins, Add	11,483.54	
For Direct Expansion Cooling Coil, Copper Fins, Add	11,483.54	
For 2 Coils, Independent Circuits, Add	2,856.31	
23 73 13 00-0061 EA 6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	26,119.25	3,359.94
For Economizer, Panel, Controls And Damper(s), Add	3,389.73	
For Flat Filter Box And Throwaway Filters, Add	2,371.95	
For Medium Capacity Filter Box And Throwaway Filters, Add	4,599.92	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,809.89	
For Manual Roll Filter, Add	12,205.81	
For Automatic Roll Filter, Add	12,205.81	
For Hot Water Heating Coil, Aluminum Fins, Add	2,611.93	
For Electric Heating Coil, Add	3,038.32	
For Chilled Water Cooling Coil, Aluminum Fins, Add	10,073.84	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	10,073.84	
For Chilled Water Cooling Coil, Copper Fins, Add	12,205.81	
For Direct Expansion Cooling Coil, Copper Fins, Add	12,205.81	
For 2 Coils, Independent Circuits, Add	3,038.32	
23 73 13 00-0062 EA 6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	28,648.02	3,648.57
For Economizer, Panel, Controls And Damper(s), Add	3,614.44	
For Flat Filter Box And Throwaway Filters, Add	2,604.40	
For Medium Capacity Filter Box And Throwaway Filters, Add	5,052.55	
For Combination Filter Mixing Box And Throwaway Filters, Add	6,380.79	
For Manual Roll Filter, Add	13,412.78	
For Automatic Roll Filter, Add	13,412.78	
For Hot Water Heating Coil, Aluminum Fins, Add	2,864.80	
For Electric Heating Coil, Add	3,333.60	
For Chilled Water Cooling Coil, Aluminum Fins, Add	11,068.78	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,068.78	
For Chilled Water Cooling Coil, Copper Fins, Add	13,412.78	
For Direct Expansion Cooling Coil, Copper Fins, Add	13,412.78	
For 2 Coils, Independent Circuits, Add	3,333.60	
23 73 13 00-0063 EA 7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	30,779.31	3,929.92
For Economizer, Panel, Controls And Damper(s), Add	3,836.49	
For Flat Filter Box And Throwaway Filters, Add	2,797.34	
For Medium Capacity Filter Box And Throwaway Filters, Add	5,426.33	
For Combination Filter Mixing Box And Throwaway Filters, Add	6,853.06	
For Manual Roll Filter, Add	14,403.31	
For Automatic Roll Filter, Add	14,403.31	
For Hot Water Heating Coil, Aluminum Fins, Add	3,077.93	
For Electric Heating Coil, Add	3,581.28	
For Chilled Water Cooling Coil, Aluminum Fins, Add	11,886.56	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	11,886.56	
For Chilled Water Cooling Coil, Copper Fins, Add	14,403.31	
For Direct Expansion Cooling Coil, Copper Fins, Add	14,403.31	
For 2 Coils, Independent Circuits, Add	3,581.28	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 73 Indoor Central-Station Air-Handling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0064	EA		7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	32,285.55	4,249.06
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,363.18	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,925.66	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	5,669.58	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	7,162.70	
			<i>For Manual Roll Filter, Add</i>	15,030.98	
			<i>For Automatic Roll Filter, Add</i>	15,030.98	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,228.56	
			<i>For Electric Heating Coil, Add</i>	3,753.11	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	12,408.22	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	12,408.22	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	15,030.98	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	15,030.98	
			<i>For 2 Coils, Independent Circuits, Add</i>	3,753.11	
23 73 13 00-0065	EA		8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	35,841.45	4,583.31
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,560.54	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,256.58	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	6,316.62	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	7,977.66	
			<i>For Manual Roll Filter, Add</i>	16,764.69	
			<i>For Automatic Roll Filter, Add</i>	16,764.69	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,584.15	
			<i>For Electric Heating Coil, Add</i>	4,169.95	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	13,835.68	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	13,835.68	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	16,764.69	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	16,764.69	
			<i>For 2 Coils, Independent Circuits, Add</i>	4,169.95	
23 73 13 00-0066	EA		8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	37,726.97	4,940.56
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,765.06	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,419.56	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	6,627.25	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	8,372.34	
			<i>For Manual Roll Filter, Add</i>	17,571.64	
			<i>For Automatic Roll Filter, Add</i>	17,571.64	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,772.70	
			<i>For Electric Heating Coil, Add</i>	4,385.98	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	14,505.21	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	14,505.21	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	17,571.64	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	17,571.64	
			<i>For 2 Coils, Independent Circuits, Add</i>	4,385.98	
23 73 13 00-0067	EA		9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	39,815.81	5,351.24
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,988.10	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,600.57	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	6,972.53	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	8,810.92	
			<i>For Manual Roll Filter, Add</i>	18,469.59	
			<i>For Automatic Roll Filter, Add</i>	18,469.59	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,981.58	
			<i>For Electric Heating Coil, Add</i>	4,625.49	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	15,250.03	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	15,250.03	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	18,469.59	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	18,469.59	
			<i>For 2 Coils, Independent Circuits, Add</i>	4,625.49	
23 73 13 00-0068	EA		10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	42,063.01	5,776.58
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,657.30	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,793.42	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	7,339.10	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	9,277.10	
			<i>For Manual Roll Filter, Add</i>	19,418.70	
			<i>For Automatic Roll Filter, Add</i>	19,418.70	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,206.30	
			<i>For Electric Heating Coil, Add</i>	4,882.41	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	16,038.17	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	16,038.17	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	19,418.70	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	19,418.70	
			<i>For 2 Coils, Independent Circuits, Add</i>	4,882.41	
23 73 13 00-0069	EA		11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	43,237.34	5,997.34
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,756.35	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,894.34	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	7,531.05	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	9,521.16	
			<i>For Manual Roll Filter, Add</i>	19,916.01	
			<i>For Automatic Roll Filter, Add</i>	19,916.01	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	4,323.73	
			<i>For Electric Heating Coil, Add</i>	5,016.72	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	16,451.06	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	16,451.06	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	19,916.01	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	19,916.01	
			<i>For 2 Coils, Independent Circuits, Add</i>	5,016.72	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0070 EA 12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	44,362.04	6,211.37
For Economizer, Panel, Controls And Damper(s), Add	3,840.52	
For Flat Filter Box And Throwaway Filters, Add	3,992.78	
For Medium Capacity Filter Box And Throwaway Filters, Add	7,719.52	
For Combination Filter Mixing Box And Throwaway Filters, Add	9,760.25	
For Manual Roll Filter, Add	20,408.35	
For Automatic Roll Filter, Add	20,408.35	
For Hot Water Heating Coil, Aluminum Fins, Add	4,436.20	
For Electric Heating Coil, Add	5,146.08	
For Chilled Water Cooling Coil, Aluminum Fins, Add	16,858.98	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	16,858.98	
For Chilled Water Cooling Coil, Copper Fins, Add	20,408.35	
For Direct Expansion Cooling Coil, Copper Fins, Add	20,408.35	
For 2 Coils, Independent Circuits, Add	5,146.08	
23 73 13 00-0071 EA 13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	50,245.15	6,461.02
For Economizer, Panel, Controls And Damper(s), Add	3,250.94	
For Flat Filter Box And Throwaway Filters, Add	4,561.78	
For Medium Capacity Filter Box And Throwaway Filters, Add	8,845.92	
For Combination Filter Mixing Box And Throwaway Filters, Add	11,173.08	
For Manual Roll Filter, Add	23,470.22	
For Automatic Roll Filter, Add	23,470.22	
For Hot Water Heating Coil, Aluminum Fins, Add	5,024.52	
For Electric Heating Coil, Add	5,844.32	
For Chilled Water Cooling Coil, Aluminum Fins, Add	19,371.17	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,371.17	
For Chilled Water Cooling Coil, Copper Fins, Add	23,470.22	
For Direct Expansion Cooling Coil, Copper Fins, Add	23,470.22	
For 2 Coils, Independent Circuits, Add	5,844.32	
23 73 13 00-0072 EA 15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	56,087.41	6,716.96
For Economizer, Panel, Controls And Damper(s), Add	3,415.03	
For Flat Filter Box And Throwaway Filters, Add	5,128.73	
For Medium Capacity Filter Box And Throwaway Filters, Add	9,969.46	
For Combination Filter Mixing Box And Throwaway Filters, Add	12,581.83	
For Manual Roll Filter, Add	26,528.01	
For Automatic Roll Filter, Add	26,528.01	
For Hot Water Heating Coil, Aluminum Fins, Add	5,608.74	
For Electric Heating Coil, Add	6,538.49	
For Chilled Water Cooling Coil, Aluminum Fins, Add	21,879.28	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	21,879.28	
For Chilled Water Cooling Coil, Copper Fins, Add	26,528.01	
For Direct Expansion Cooling Coil, Copper Fins, Add	26,528.01	
For 2 Coils, Independent Circuits, Add	6,538.49	
23 73 13 00-0073 EA 16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	64,625.67	6,970.30
For Economizer, Panel, Controls And Damper(s), Add	3,476.62	
For Flat Filter Box And Throwaway Filters, Add	5,964.96	
For Medium Capacity Filter Box And Throwaway Filters, Add	11,631.36	
For Combination Filter Mixing Box And Throwaway Filters, Add	14,663.60	
For Manual Roll Filter, Add	31,065.67	
For Automatic Roll Filter, Add	31,065.67	
For Hot Water Heating Coil, Aluminum Fins, Add	6,462.57	
For Electric Heating Coil, Add	7,556.04	
For Chilled Water Cooling Coil, Aluminum Fins, Add	25,598.32	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	25,598.32	
For Chilled Water Cooling Coil, Copper Fins, Add	31,065.67	
For Direct Expansion Cooling Coil, Copper Fins, Add	31,065.67	
For 2 Coils, Independent Circuits, Add	7,556.04	
23 73 13 00-0074 EA 17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	73,168.91	7,221.13
For Economizer, Panel, Controls And Damper(s), Add	3,539.08	
For Flat Filter Box And Throwaway Filters, Add	6,801.44	
For Medium Capacity Filter Box And Throwaway Filters, Add	13,293.61	
For Combination Filter Mixing Box And Throwaway Filters, Add	16,745.87	
For Manual Roll Filter, Add	35,603.84	
For Automatic Roll Filter, Add	35,603.84	
For Hot Water Heating Coil, Aluminum Fins, Add	7,316.89	
For Electric Heating Coil, Add	8,574.09	
For Chilled Water Cooling Coil, Aluminum Fins, Add	29,317.85	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	29,317.85	
For Chilled Water Cooling Coil, Copper Fins, Add	35,603.84	
For Direct Expansion Cooling Coil, Copper Fins, Add	35,603.84	
For 2 Coils, Independent Circuits, Add	8,574.09	
23 73 13 00-0075 EA 20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	82,208.46	7,829.23
For Economizer, Panel, Controls And Damper(s), Add	3,691.83	
For Flat Filter Box And Throwaway Filters, Add	7,661.75	
For Medium Capacity Filter Box And Throwaway Filters, Add	11,436.72	
For Combination Filter Mixing Box And Throwaway Filters, Add	18,874.83	
For Manual Roll Filter, Add	29,528.81	
For Automatic Roll Filter, Add	36,631.47	
For Hot Water Heating Coil, Aluminum Fins, Add	8,220.85	
For Electric Heating Coil, Add	9,641.38	
For Chilled Water Cooling Coil, Aluminum Fins, Add	29,528.81	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	29,528.81	
For Steam Heating Coil, Aluminum Fins, Add	15,323.50	
For Chilled Water Cooling Coil, Copper Fins, Add	36,631.47	
For Direct Expansion Cooling Coil, Copper Fins, Add	36,631.47	
For 2 Coils, Independent Circuits, Add	9,641.38	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 73 Indoor Central-Station Air-Handling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0076	EA	22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	88,657.86	8,513.34
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,579.29	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,261.02	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	12,331.06	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	20,350.18	
			<i>For Manual Roll Filter, Add</i>	31,834.57	
			<i>For Automatic Roll Filter, Add</i>	39,490.83	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	8,865.79	
			<i>For Electric Heating Coil, Add</i>	10,397.04	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	31,834.57	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	31,834.57	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	16,522.05	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	39,490.83	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	39,490.83	
			<i>For 2 Coils, Independent Circuits, Add</i>	10,397.04	
23 73	13 00-0077	EA	25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	105,953.19	9,197.11
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,735.36	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	9,938.53	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	14,842.12	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	24,517.94	
			<i>For Manual Roll Filter, Add</i>	38,440.56	
			<i>For Automatic Roll Filter, Add</i>	47,722.30	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	10,595.32	
			<i>For Electric Heating Coil, Add</i>	12,451.67	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	38,440.56	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	38,440.56	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	19,877.07	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	47,722.30	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	47,722.30	
			<i>For 2 Coils, Independent Circuits, Add</i>	12,451.67	
23 73	13 00-0078	EA	27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	119,861.31	9,957.56
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,895.73	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	11,275.89	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	16,842.81	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	27,834.59	
			<i>For Manual Roll Filter, Add</i>	43,683.06	
			<i>For Automatic Roll Filter, Add</i>	54,248.70	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	11,986.13	
			<i>For Electric Heating Coil, Add</i>	14,099.26	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	43,683.06	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	43,683.06	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	22,551.77	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	54,248.70	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	54,248.70	
			<i>For 2 Coils, Independent Circuits, Add</i>	14,099.26	
23 73	13 00-0079	EA	30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	129,926.51	10,718.01
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,062.72	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	12,226.74	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	18,263.52	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	30,183.91	
			<i>For Manual Roll Filter, Add</i>	47,375.16	
			<i>For Automatic Roll Filter, Add</i>	58,836.00	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	12,992.65	
			<i>For Electric Heating Coil, Add</i>	15,284.82	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	47,375.16	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	47,375.16	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	24,453.49	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	58,836.00	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	58,836.00	
			<i>For 2 Coils, Independent Circuits, Add</i>	15,284.82	
23 73	13 00-0080	EA	32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	145,110.94	12,541.65
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,067.40	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	13,616.13	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	20,334.71	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	33,592.86	
			<i>For Manual Roll Filter, Add</i>	52,674.62	
			<i>For Automatic Roll Filter, Add</i>	65,395.79	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	14,511.09	
			<i>For Electric Heating Coil, Add</i>	17,055.33	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	52,674.62	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	52,674.62	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	27,232.27	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	65,395.79	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	65,395.79	
			<i>For 2 Coils, Independent Circuits, Add</i>	17,055.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0081 EA 35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	145,780.38	12,998.04
For Economizer, Panel, Controls And Damper(s), Add	4,151.08	
For Flat Filter Box And Throwaway Filters, Add	13,649.61	
For Medium Capacity Filter Box And Throwaway Filters, Add	20,381.57	
For Combination Filter Mixing Box And Throwaway Filters, Add	33,659.80	
For Manual Roll Filter, Add	52,741.56	
For Automatic Roll Filter, Add	65,462.74	
For Hot Water Heating Coil, Aluminum Fins, Add	14,578.04	
For Electric Heating Coil, Add	17,122.27	
For Chilled Water Cooling Coil, Aluminum Fins, Add	52,741.56	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	52,741.56	
For Steam Heating Coil, Aluminum Fins, Add	27,299.21	
For Chilled Water Cooling Coil, Copper Fins, Add	65,462.74	
For Direct Expansion Cooling Coil, Copper Fins, Add	65,462.74	
For 2 Coils, Independent Circuits, Add	17,122.27	
23 73 13 00-0082 EA 37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	152,496.31	13,453.68
For Economizer, Panel, Controls And Damper(s), Add	4,234.76	
For Flat Filter Box And Throwaway Filters, Add	14,287.73	
For Medium Capacity Filter Box And Throwaway Filters, Add	21,335.40	
For Combination Filter Mixing Box And Throwaway Filters, Add	35,238.37	
For Manual Roll Filter, Add	55,227.10	
For Automatic Roll Filter, Add	68,552.92	
For Hot Water Heating Coil, Aluminum Fins, Add	15,249.63	
For Electric Heating Coil, Add	17,914.80	
For Chilled Water Cooling Coil, Aluminum Fins, Add	55,227.10	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	55,227.10	
For Steam Heating Coil, Aluminum Fins, Add	28,575.45	
For Chilled Water Cooling Coil, Copper Fins, Add	68,552.92	
For Direct Expansion Cooling Coil, Copper Fins, Add	68,552.92	
For 2 Coils, Independent Circuits, Add	17,914.80	
23 73 13 00-0083 EA 40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	159,490.84	14,442.27
For Economizer, Panel, Controls And Damper(s), Add	4,407.25	
For Flat Filter Box And Throwaway Filters, Add	14,918.18	
For Medium Capacity Filter Box And Throwaway Filters, Add	22,274.18	
For Combination Filter Mixing Box And Throwaway Filters, Add	36,780.01	
For Manual Roll Filter, Add	57,610.93	
For Automatic Roll Filter, Add	71,498.21	
For Hot Water Heating Coil, Aluminum Fins, Add	15,949.08	
For Electric Heating Coil, Add	18,726.54	
For Chilled Water Cooling Coil, Aluminum Fins, Add	57,610.93	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	57,610.93	
For Steam Heating Coil, Aluminum Fins, Add	29,836.37	
For Chilled Water Cooling Coil, Copper Fins, Add	71,498.21	
For Direct Expansion Cooling Coil, Copper Fins, Add	71,498.21	
For 2 Coils, Independent Circuits, Add	18,726.54	
23 73 13 00-0084 EA 45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	171,959.17	15,202.38
For Economizer, Panel, Controls And Damper(s), Add	4,532.70	
For Flat Filter Box And Throwaway Filters, Add	16,114.84	
For Medium Capacity Filter Box And Throwaway Filters, Add	24,064.15	
For Combination Filter Mixing Box And Throwaway Filters, Add	39,746.55	
For Manual Roll Filter, Add	62,297.19	
For Automatic Roll Filter, Add	77,330.95	
For Hot Water Heating Coil, Aluminum Fins, Add	17,195.92	
For Electric Heating Coil, Add	20,202.67	
For Chilled Water Cooling Coil, Aluminum Fins, Add	62,297.19	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	62,297.19	
For Steam Heating Coil, Aluminum Fins, Add	32,229.68	
For Chilled Water Cooling Coil, Copper Fins, Add	77,330.95	
For Direct Expansion Cooling Coil, Copper Fins, Add	77,330.95	
For 2 Coils, Independent Circuits, Add	20,202.67	
23 73 13 00-0085 EA 50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	184,900.67	16,038.52
For Economizer, Panel, Controls And Damper(s), Add	4,194.13	
For Flat Filter Box And Throwaway Filters, Add	17,343.00	
For Medium Capacity Filter Box And Throwaway Filters, Add	25,899.80	
For Combination Filter Mixing Box And Throwaway Filters, Add	42,783.98	
For Manual Roll Filter, Add	67,077.89	
For Automatic Roll Filter, Add	83,273.83	
For Hot Water Heating Coil, Aluminum Fins, Add	18,490.07	
For Electric Heating Coil, Add	21,729.26	
For Chilled Water Cooling Coil, Aluminum Fins, Add	67,077.89	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	67,077.89	
For Steam Heating Coil, Aluminum Fins, Add	34,686.01	
For Chilled Water Cooling Coil, Copper Fins, Add	83,273.83	
For Direct Expansion Cooling Coil, Copper Fins, Add	83,273.83	
For 2 Coils, Independent Circuits, Add	21,729.26	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 73 Indoor Central-Station Air-Handling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0086	EA		55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	199,227.04	17,026.68
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,331.09	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	18,707.16	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	27,939.18	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	46,160.13	
			<i>For Manual Roll Filter, Add</i>	72,397.55	
			<i>For Automatic Roll Filter, Add</i>	89,889.16	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	19,922.70	
			<i>For Electric Heating Coil, Add</i>	23,421.03	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	72,397.55	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	72,397.55	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	37,414.32	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	89,889.16	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	89,889.16	
			<i>For 2 Coils, Independent Circuits, Add</i>	23,421.03	
23 73 13 00-0087	EA		60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan .....	213,864.05	17,482.75
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,393.11	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	20,139.85	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	30,085.12	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	49,726.36	
			<i>For Manual Roll Filter, Add</i>	78,066.31	
			<i>For Automatic Roll Filter, Add</i>	96,959.61	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	21,386.41	
			<i>For Electric Heating Coil, Add</i>	25,165.07	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	78,066.31	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	78,066.31	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	40,279.71	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	96,959.61	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	96,959.61	
			<i>For 2 Coils, Independent Circuits, Add</i>	25,165.07	
23 73 13 00-0088			<b>Return/Supply Air Fan</b> <small>(23 73 13)</small>		
			Note: Includes vibration mounts.		
23 73 13 00-0089	EA		300 CFM Return Air Fan.....	3,574.39	607.99
23 73 13 00-0090	EA		500 CFM Return Air Fan.....	4,647.44	729.60
23 73 13 00-0091	EA		750 CFM Return Air Fan.....	4,854.90	760.01
23 73 13 00-0092	EA		1,000 CFM Return Air Fan.....	5,554.63	805.62
23 73 13 00-0093	EA		1,250 CFM Return Air Fan.....	5,720.88	843.62
23 73 13 00-0094	EA		1,500 CFM Return Air Fan.....	5,849.68	881.63
23 73 13 00-0095	EA		1,750 CFM Return Air Fan.....	6,138.89	927.24
23 73 13 00-0096	EA		2,000 CFM Return Air Fan.....	6,838.61	972.84
23 73 13 00-0097	EA		2,250 CFM Return Air Fan.....	7,165.03	1,018.45
23 73 13 00-0098	EA		2,500 CFM Return Air Fan.....	7,342.19	1,064.06
23 73 13 00-0099	EA		3,000 CFM Return Air Fan.....	7,766.00	1,178.08
23 73 13 00-0100	EA		3,500 CFM Return Air Fan.....	7,965.05	1,238.89
23 73 13 00-0101	EA		4,000 CFM Return Air Fan.....	8,152.99	1,292.10
23 73 13 00-0102	EA		4,500 CFM Return Air Fan.....	8,389.35	1,353.02
23 73 13 00-0103	EA		5,000 CFM Return Air Fan.....	8,598.91	1,421.43
23 73 13 00-0104	EA		5,500 CFM Return Air Fan.....	8,986.90	1,588.65
23 73 13 00-0105	EA		6,000 CFM Return Air Fan.....	10,194.09	1,885.09
23 73 13 00-0106	EA		6,500 CFM Return Air Fan.....	10,462.13	1,915.50
23 73 13 00-0107	EA		7,000 CFM Return Air Fan.....	10,584.47	1,923.10
23 73 13 00-0108	EA		8,000 CFM Return Air Fan.....	11,151.09	1,953.50
23 73 13 00-0109	EA		9,000 CFM Return Air Fan.....	11,404.01	1,976.31
23 73 13 00-0110	EA		10,000 CFM Return Air Fan.....	12,001.53	2,052.65
23 73 13 00-0111	EA		12,500 CFM Return Air Fan.....	12,800.33	2,090.22
23 73 13 00-0112	EA		15,000 CFM Return Air Fan.....	14,491.64	2,149.62
23 73 13 00-0113	EA		17,500 CFM Return Air Fan.....	15,813.35	2,265.04
23 73 13 00-0114	EA		20,000 CFM Return Air Fan.....	18,865.23	2,363.64
23 73 13 00-0115	EA		22,500 CFM Return Air Fan.....	19,774.25	2,446.06
23 73 13 00-0116	EA		25,000 CFM Return Air Fan.....	20,682.12	2,516.00
23 73 13 00-0117	EA		27,500 CFM Return Air Fan.....	21,903.04	2,766.83
23 73 13 00-0118	EA		30,000 CFM Return Air Fan.....	23,425.43	2,918.64
23 73 13 00-0119	EA		35,000 CFM Return Air Fan.....	26,474.12	3,040.15
23 73 13 00-0120	EA		40,000 CFM Return Air Fan.....	31,238.04	3,344.20
23 73 13 00-0121	EA		45,000 CFM Return Air Fan.....	38,494.68	3,800.27
23 73 13 00-0122	EA		50,000 CFM Return Air Fan.....	46,976.58	3,937.41
23 73 13 00-0123	EA		55,000 CFM Return Air Fan.....	49,186.49	4,051.11
23 73 13 00-0124	EA		60,000 CFM Return Air Fan.....	50,315.04	4,157.53
23 73 13 00-0125	EA		65,000 CFM Return Air Fan.....	52,771.19	4,339.85
23 73 13 00-0126	EA		70,000 CFM Return Air Fan.....	55,428.44	4,553.55
23 73 13 00-0127	EA		75,000 CFM Return Air Fan.....	59,636.85	4,776.91
23 73 13 00-0128	EA		80,000 CFM Return Air Fan.....	62,275.17	5,030.15
23 73 13 00-0129	EA		90,000 CFM Return Air Fan.....	64,282.23	5,316.60
23 73 13 00-0130	EA		100,000 CFM Return Air Fan.....	69,144.97	5,559.94
23 73 13 00-0131	EA		115,000 CFM Return Air Fan.....	74,414.14	5,825.88
23 73 13 00-0132	EA		130,000 CFM Return Air Fan.....	80,132.10	6,119.39
23 73 13 00-0133	EA		150,000 CFM Return Air Fan.....	87,723.06	6,445.38
23 73 13 00-0134			<b>Removal And Reinstallation Of Air Handling Unit</b> <small>(23 73 13)</small>		
			Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0135 EA Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit.....	2,784.32	
23 73 13 00-0136 EA Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit .....	3,776.99	
23 73 13 00-0137 EA Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit .....	4,698.54	
23 73 13 00-0138 EA Removal And Reinstallation Of >22,000 CFM Air Handling Unit .....	8,572.77	

**23 74 Packaged Outdoor HVAC Equipment** (23 70)

**23 74 16 Packaged Rooftop Air-Conditioning Units** (23 74)

**23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units** (23 74 16)

**23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units** (23 74 16 13)

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for disconnects.

23 74 16 13-0002 EA 2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	5,743.08	1,769.64
For Unit Without Heat, Deduct	-405.13	
For Unit Without Factory Installed Economizer, Deduct	-1,126.57	
For Unit Without Roof Curb, Deduct	-742.32	
23 74 16 13-0003 EA 3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	6,500.47	1,850.09
For Unit Without Heat, Deduct	-448.36	
For Unit Without Factory Installed Economizer, Deduct	-1,126.57	
For Unit Without Roof Curb, Deduct	-742.32	
23 74 16 13-0004 EA 4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	7,768.89	1,930.52
For Unit Without Heat, Deduct	-517.15	
For Unit Without Factory Installed Economizer, Deduct	-1,126.57	
For Unit Without Roof Curb, Deduct	-742.32	
23 74 16 13-0005 EA 5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	9,289.53	2,051.17
For Unit Without Heat, Deduct	-601.22	
For Unit Without Factory Installed Economizer, Deduct	-1,126.57	
For Unit Without Roof Curb, Deduct	-742.32	
23 74 16 13-0006 EA 6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	10,064.05	2,171.84
For Unit Without Heat, Deduct	-647.99	
For Unit Without Factory Installed Economizer, Deduct	-1,126.57	
For Unit Without Roof Curb, Deduct	-742.32	
23 74 16 13-0007 EA 7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	11,715.72	2,332.71
For Unit Without Heat, Deduct	-741.30	
For Unit Without Factory Installed Economizer, Deduct	-1,149.85	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0008 EA 8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	14,057.92	2,453.37
For Unit Without Heat, Deduct	-866.45	
For Unit Without Factory Installed Economizer, Deduct	-1,149.85	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0009 EA 10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	14,820.31	2,614.24
For Unit Without Heat, Deduct	-915.30	
For Unit Without Factory Installed Economizer, Deduct	-1,175.88	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0010 EA 12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	18,204.88	2,825.00
For Unit Without Heat, Deduct	-1,098.60	
For Unit Without Factory Installed Economizer, Deduct	-1,269.96	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0011 EA 15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	19,766.47	3,036.54
For Unit Without Heat, Deduct	-1,190.76	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0012 EA 17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	22,596.01	3,247.56
For Unit Without Heat, Deduct	-1,346.31	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0013 EA 20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	25,490.90	3,458.84
For Unit Without Heat, Deduct	-1,505.14	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0014 EA 22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	28,373.52	3,810.63
For Unit Without Heat, Deduct	-1,672.73	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0015 EA 25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	30,267.25	4,162.68
For Unit Without Heat, Deduct	-1,790.88	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-890.80	
23 74 16 13-0016 EA 27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	32,512.70	4,554.96
For Unit Without Heat, Deduct	-1,929.29	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-1,364.04	
23 74 16 13-0017 EA 30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	35,501.18	4,946.96
For Unit Without Heat, Deduct	-2,104.86	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-1,364.04	
23 74 16 13-0018 EA 35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	41,163.46	5,771.45
For Unit Without Heat, Deduct	-2,442.94	
For Unit Without Factory Installed Economizer, Deduct	-2,400.62	
For Unit Without Roof Curb, Deduct	-1,364.04	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 70 Central HVAC Equipment**

**23 74 Packaged Outdoor HVAC Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0019	EA		40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	47,248.85	6,595.94
			<i>For Unit Without Heat, Deduct</i>	-2,802.17	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,077.64	
23 74 16 13-0020	EA		45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	51,686.34	7,440.54
			<i>For Unit Without Heat, Deduct</i>	-3,080.35	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,077.64	
23 74 16 13-0021	EA		50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	59,610.86	8,285.14
			<i>For Unit Without Heat, Deduct</i>	-3,532.89	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,077.64	
23 74 16 13-0022	EA		55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	66,387.87	9,089.52
			<i>For Unit Without Heat, Deduct</i>	-3,925.36	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,585.22	
23 74 16 13-0023	EA		60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	71,784.93	9,893.91
			<i>For Unit Without Heat, Deduct</i>	-4,248.84	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,585.22	
23 74 16 13-0024	EA		65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	76,936.89	10,698.29
			<i>For Unit Without Heat, Deduct</i>	-4,560.06	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,646.80	
23 74 16 13-0025	EA		70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	82,739.40	11,502.68
			<i>For Unit Without Heat, Deduct</i>	-4,903.82	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,646.80	
23 74 16 13-0026	EA		75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit .....	89,629.07	12,387.50
			<i>For Unit Without Heat, Deduct</i>	-5,307.29	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,947.13	
<b>23 74 16 13-0027</b>			<b>Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units</b> <small>(23 74 16 13)</small>		
			Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for Disconnects.		
23 74 16 13-0028	EA		2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit.....	5,631.18	1,608.77
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,126.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0029	EA		3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	6,575.42	1,850.09
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,126.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0030	EA		4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit.....	8,296.77	2,131.62
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,126.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0031	EA		5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit.....	9,421.69	2,292.49
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,126.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0032	EA		6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit.....	10,666.90	2,473.48
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,126.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0033	EA		7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit.....	12,494.56	2,594.14
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,149.85	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0034	EA		8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit.....	15,592.42	2,151.72
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,149.85	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0035	EA		10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit.....	16,045.80	2,895.78
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,175.88	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0036	EA		12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit.....	20,064.25	3,137.09
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,269.96	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0037	EA		15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	21,827.06	3,378.41
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0038	EA		17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit.....	25,375.27	3,619.73
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0039	EA		20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	32,175.05	3,861.04
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0040	EA		22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit.....	39,294.81	4,263.23
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0041	EA		25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	46,414.56	4,611.80
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0042	EA		27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit.....	47,817.07	5,067.61
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,400.62	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,364.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0043 EA 30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	49,918.99 -2,400.62 -1,364.04	5,469.80
23 74 16 13-0044 EA 35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	55,574.56 -2,400.62 -1,364.04	6,394.85
23 74 16 13-0045 EA 40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	61,758.52 -2,400.62 -2,077.64	7,319.89
23 74 16 13-0046 EA 45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	66,841.88 -2,400.62 -2,077.64	8,244.92
23 74 16 13-0047 EA 50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	71,363.78 -2,400.62 -2,077.64	9,169.97
23 74 16 13-0048 EA 55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	78,489.26 -2,400.62 -2,585.22	10,095.01
23 74 16 13-0049 EA 60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	85,313.40 -2,400.62 -2,585.22	11,020.05
23 74 16 13-0050 EA 65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	92,084.59 -2,400.62 -2,646.80	11,482.56
23 74 16 13-0051 EA 70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	98,930.72 -2,400.62 -2,646.80	11,924.98
23 74 16 13-0052 EA 75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	108,780.04 -2,400.62 -2,947.13	12,387.50
23 74 16 13-0053 EA 80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	103,510.18 -2,400.62 -2,947.13	12,870.13
23 74 16 13-0054 EA 90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	149,679.87 -2,400.62 -2,947.13	15,122.40
23 74 16 13-0055 EA 100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit..... <i>For Unit Without Factory Installed Economizer, Deduct</i> <i>For Unit Without Roof Curb, Deduct</i>	168,542.03 -2,400.62 -2,947.13	18,420.38
 23 74 16 13-0056 Heat Pump, Packaged Rooftop Heat Pump Units <small>(23 74 16 13)</small> See CSI section 26 28 16 16-0001 for disconnects.		
 23 74 16 13-0057 Packaged Rooftop Heat Pump Units <small>(23 74 16 13-0056)</small> Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 16 13-0058 EA 2 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,780.14 1,983.68 242.48 -742.32	1,447.89
23 74 16 13-0059 EA 2.5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,138.10 2,100.84 253.14 -742.32	1,556.54
23 74 16 13-0060 EA 3 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,549.34 2,229.19 266.46 -742.32	1,665.07
23 74 16 13-0061 EA 3.5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	8,101.10 2,165.56 285.60 -742.32	1,791.73
23 74 16 13-0062 EA 4 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	8,653.09 2,315.15 304.76 -742.32	1,918.51
23 74 16 13-0063 EA 5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	9,274.23 2,484.45 260.93 -742.32	2,063.29
23 74 16 13-0064 EA 6 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	10,436.48 2,753.70 224.05 -742.32	2,226.10
23 74 16 13-0065 EA 7.5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	13,433.90 2,794.99 309.63 -890.80	2,334.75
23 74 16 13-0066 EA 8.5 Ton Packaged Rooftop Heat Pump ..... <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	15,028.53 2,961.31 350.23 -890.80	2,515.68

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0067	EA		10 Ton Packaged Rooftop Heat Pump .....	16,161.04	2,606.20
			<i>For Economizer With Outside Air Control, Add</i>	3,006.08	
			<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	253.72	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0068	EA		12.5 Ton Packaged Rooftop Heat Pump .....	18,753.03	2,823.39
			<i>For Economizer With Outside Air Control, Add</i>	3,381.11	
			<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	299.77	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0069	EA		15 Ton Packaged Rooftop Heat Pump .....	21,345.04	3,040.57
			<i>For Economizer With Outside Air Control, Add</i>	3,756.14	
			<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	345.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0070	EA		17.5 Ton Packaged Rooftop Heat Pump .....	23,909.74	3,257.76
			<i>For Economizer With Outside Air Control, Add</i>	4,128.44	
			<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	391.32	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0071	EA		20 Ton Packaged Rooftop Heat Pump .....	26,474.45	3,474.94
			<i>For Economizer With Outside Air Control, Add</i>	4,500.75	
			<i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i>	436.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
<b>23 74 16 13-0072</b>			<b>Heating Only Packaged Rooftop Units</b> <small>(23 74 16 13-0056)</small>		
			Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 26 28 16 16-0001 for disconnects.		
23 74 16 13-0073	EA		24 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	6,833.66	1,447.89
			<i>For Gas Heat, Add</i>	439.75	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0074	EA		32 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	8,029.57	1,665.07
			<i>For Gas Heat, Add</i>	517.67	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0075	EA		45 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	10,997.28	1,918.51
			<i>For Gas Heat, Add</i>	718.65	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0076	EA		60 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	12,408.69	2,063.29
			<i>For Gas Heat, Add</i>	813.59	
			<i>For Unit Without Roof Curb, Deduct</i>	-742.32	
23 74 16 13-0077	EA		95 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	14,583.34	2,334.75
			<i>For Gas Heat, Add</i>	958.57	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0078	EA		112 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	16,429.32	2,515.68
			<i>For Gas Heat, Add</i>	1,082.97	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0079	EA		140 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	19,450.26	2,606.20
			<i>For Gas Heat, Add</i>	1,292.02	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0080	EA		170 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	25,271.31	3,040.57
			<i>For Gas Heat, Add</i>	1,687.91	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0081	EA		200 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	33,391.05	3,257.76
			<i>For Gas Heat, Add</i>	2,250.50	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0082	EA		230 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	38,984.95	3,474.94
			<i>For Gas Heat, Add</i>	2,636.28	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0083	EA		270 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	50,706.17	3,836.91
			<i>For Gas Heat, Add</i>	3,447.11	
			<i>For Unit Without Roof Curb, Deduct</i>	-890.80	
23 74 16 13-0084	EA		330 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	63,418.15	4,882.61
			<i>For Gas Heat, Add</i>	4,317.65	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,364.04	
23 74 16 13-0085	EA		360 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	78,045.61	4,922.83
			<i>For Gas Heat, Add</i>	5,331.92	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,364.04	
23 74 16 13-0086	EA		450 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	95,068.58	5,755.42
			<i>For Gas Heat, Add</i>	6,501.32	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,364.04	
23 74 16 13-0087	EA		540 MBH Electric Heating Only, Self Contained Package Rooftop Unit .....	123,305.02	7,420.49
			<i>For Gas Heat, Add</i>	8,433.47	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,077.64	
<b>23 74 23</b>			<b>Packaged, Outdoor, Heating-Only Makeup-Air Units</b> <small>(23 74)</small>		
<b>23 74 23 13</b>			<b>Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units</b> <small>(23 74 23)</small>		
23 74 23 13-0001			<b>Make-Up Air Units</b> <small>(23 74 23 13)</small>		
			Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel.		
23 74 23 13-0002			<b>Gas-Fired Electric Spark Make-Up Air Units</b> <small>(23 74 23 13-0001)</small>		
			Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.		
23 74 23 13-0003	EA		100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark .....	7,994.07	482.63
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,156.91	
			<i>For Equipment Base Roof Curb, Add</i>	975.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 23 13-0004 EA 300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	10,352.13	546.98
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,829.47	
<i>For Equipment Base Roof Curb, Add</i>	1,266.40	
23 74 23 13-0005 EA 500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	14,439.01	643.50
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,009.95	
<i>For Equipment Base Roof Curb, Add</i>	1,772.70	
23 74 23 13-0006 EA 670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	14,546.32	686.40
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,018.01	
<i>For Equipment Base Roof Curb, Add</i>	1,783.70	
23 74 23 13-0007 EA 800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	19,926.49	772.20
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,591.84	
<i>For Equipment Base Roof Curb, Add</i>	2,452.20	
23 74 23 13-0008 EA 1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	30,270.50	965.26
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,598.52	
<i>For Equipment Base Roof Curb, Add</i>	3,735.55	

**23 74 23 13-0009 Electric Make-Up Air Units** (23 74 23 13-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel.

23 74 23 13-0010 EA 33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric.....	16,648.93	482.63
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,753.36	
<i>For Equipment Base Roof Curb, Add</i>	2,056.98	
23 74 23 13-0011 EA 100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric.....	23,859.51	546.98
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,881.68	
<i>For Equipment Base Roof Curb, Add</i>	2,954.82	
23 74 23 13-0012 EA 150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric.....	29,576.77	643.50
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,551.28	
<i>For Equipment Base Roof Curb, Add</i>	3,664.92	
23 74 23 13-0013 EA 250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric.....	38,286.31	772.20
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	11,099.79	
<i>For Equipment Base Roof Curb, Add</i>	4,747.18	
23 74 23 13-0014 EA 400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric.....	62,014.98	965.26
<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	18,121.86	
<i>For Equipment Base Roof Curb, Add</i>	7,703.61	

**23 80 Decentralized Unitary HVAC Equipment** (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0010 for electrical connection and termination, 26 05 83 00-0001 for terminations, 26 28 16 16-0001 for disconnect.

**23 81 Decentralized Unitary HVAC Equipment** (23 80)

**23 81 13 Packaged Terminal Air-Conditioners** (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

**23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units** (23 81 13)

23 81 13 11-0001 Packaged Terminal Air-Conditioners <small>(23 81 13 11)</small>		
23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners <small>(23 81 13 11-0001)</small>		
23 81 13 11-0003 EA 7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,044.25	201.33
<i>For &gt;35 To 70, Deduct</i>	-49.25	
<i>For &gt;70 To 100, Deduct</i>	-82.08	
<i>For &gt;100, Deduct</i>	-114.91	
23 81 13 11-0004 EA 9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,159.99	245.47
<i>For &gt;35 To 70, Deduct</i>	-50.09	
<i>For &gt;70 To 100, Deduct</i>	-83.48	
<i>For &gt;100, Deduct</i>	-116.87	
23 81 13 11-0005 EA 11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,285.93	261.60
<i>For &gt;35 To 70, Deduct</i>	-52.86	
<i>For &gt;70 To 100, Deduct</i>	-88.11	
<i>For &gt;100, Deduct</i>	-123.35	
23 81 13 11-0006 EA 14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,470.57	281.20
<i>For &gt;35 To 70, Deduct</i>	-57.25	
<i>For &gt;70 To 100, Deduct</i>	-95.42	
<i>For &gt;100, Deduct</i>	-133.59	
23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners <small>(23 81 13 11-0001)</small>		
23 81 13 11-0008 EA 7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,190.34	217.82
<i>For &gt;35 To 70, Deduct</i>	-52.66	
<i>For &gt;70 To 100, Deduct</i>	-87.77	
<i>For &gt;100, Deduct</i>	-122.88	
23 81 13 11-0009 EA 9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,308.44	245.47
<i>For &gt;35 To 70, Deduct</i>	-54.54	
<i>For &gt;70 To 100, Deduct</i>	-90.90	
<i>For &gt;100, Deduct</i>	-127.26	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 11-0010	EA		11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	2,393.51	261.60
			<i>For &gt;35 To 70, Deduct</i> .....	-56.09	
			<i>For &gt;70 To 100, Deduct</i> .....	-93.48	
			<i>For &gt;100, Deduct</i> .....	-130.88	
23 81 13 11-0011	EA		14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner .....	2,612.57	281.20
			<i>For &gt;35 To 70, Deduct</i> .....	-61.51	
			<i>For &gt;70 To 100, Deduct</i> .....	-102.52	
			<i>For &gt;100, Deduct</i> .....	-143.53	
<b>23 81 13 11-0012</b>			<b>Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve</b> <small>(23 81 13 11)</small>		
			Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.		
23 81 13 11-0013	EA		Up To 10,000 BTU Unit, Thru Wall A/C Sleeve .....	90.66	
23 81 13 11-0014	EA		>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve .....	102.19	
23 81 13 11-0015	EA		>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve .....	113.73	
<b>23 81 13 11-0016</b>			<b>Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units</b> <small>(23 81 13 11)</small>		
			Note: Includes storage and cleaning.		
23 81 13 11-0017	EA		Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units .....	214.75	
<b>23 81 13 13</b>			<b>Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units</b> <small>(23 81 13)</small>		
<b>23 81 13 13-0001</b>			<b>Single Package Vertical Wall Cooling Unit</b> <small>(23 81 13 13)</small>		
			Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.		
23 81 13 13-0002	EA		1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	5,096.95	244.32
23 81 13 13-0003	EA		1 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	7,956.93	255.96
23 81 13 13-0004	EA		1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	10,421.85	267.60
23 81 13 13-0005	EA		2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	11,989.42	290.86
23 81 13 13-0006	EA		2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	15,044.48	337.40
23 81 13 13-0007	EA		3 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	16,127.98	418.84
23 81 13 13-0008	EA		3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	17,853.80	465.37
23 81 13 13-0009	EA		4 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	19,659.66	523.55
23 81 13 13-0010	EA		5 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	22,110.59	628.26
23 81 13 13-0011	EA		7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	28,588.87	779.51
23 81 13 13-0012	EA		10 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	34,075.77	1,047.10
23 81 13 13-0013	EA		15 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	47,821.73	1,279.79
23 81 13 13-0014	EA		20 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	55,083.32	1,524.11
23 81 13 13-0015	EA		25 Ton Single Package Cooling, Vertical Wall Unit, Air-To-Air Type With Electric Heat .....	65,862.65	1,710.26
<b>23 81 16</b>			<b>Room Air-Conditioners</b> <small>(23 81)</small>		
			Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.		
<b>23 81 16 00-0001</b>			<b>Window Unit, Room Air-Conditioners</b> <small>(23 81 16)</small>		
<b>23 81 16 00-0002</b>			<b>Cooling Only, Window Unit, Room Air-Conditioners</b> <small>(23 81 16 00-0001)</small>		
<b>23 81 16 00-0003</b>			<b>Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire)</b> <small>(23 81 16 00-0002)</small>		
23 81 16 00-0004	EA		5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1) .....	485.06	112.74
			<i>For &gt;10 To 50, Deduct</i> .....	-12.98	
			<i>For &gt;50 To 75, Deduct</i> .....	-18.17	
			<i>For &gt;75 To 100, Deduct</i> .....	-25.96	
			<i>For &gt;100, Deduct</i> .....	-31.15	
23 81 16 00-0005	EA		6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1) .....	511.14	112.74
			<i>For &gt;10 To 50, Deduct</i> .....	-14.28	
			<i>For &gt;50 To 75, Deduct</i> .....	-20.00	
			<i>For &gt;75 To 100, Deduct</i> .....	-28.57	
			<i>For &gt;100, Deduct</i> .....	-34.28	
23 81 16 00-0006	EA		8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1) .....	576.36	112.74
			<i>For &gt;10 To 50, Deduct</i> .....	-17.54	
			<i>For &gt;50 To 75, Deduct</i> .....	-24.56	
			<i>For &gt;75 To 100, Deduct</i> .....	-35.09	
			<i>For &gt;100, Deduct</i> .....	-42.11	
23 81 16 00-0007	EA		10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1) .....	667.67	112.74
			<i>For &gt;10 To 50, Deduct</i> .....	-22.11	
			<i>For &gt;50 To 75, Deduct</i> .....	-30.95	
			<i>For &gt;75 To 100, Deduct</i> .....	-44.22	
			<i>For &gt;100, Deduct</i> .....	-53.06	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0008 EA 12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1).....	785.07	112.74
<i>For &gt;10 To 50, Deduct</i>	-27.98	
<i>For &gt;50 To 75, Deduct</i>	-39.17	
<i>For &gt;75 To 100, Deduct</i>	-55.96	
<i>For &gt;100, Deduct</i>	-67.15	
23 81 16 00-0009 EA 15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1).....	915.51	112.74
<i>For &gt;10 To 50, Deduct</i>	-34.50	
<i>For &gt;50 To 75, Deduct</i>	-48.30	
<i>For &gt;75 To 100, Deduct</i>	-69.00	
<i>For &gt;100, Deduct</i>	-82.80	
23 81 16 00-0010 EA 8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1).....	863.33	112.74
<i>For &gt;10 To 50, Deduct</i>	-31.89	
<i>For &gt;50 To 75, Deduct</i>	-44.65	
<i>For &gt;75 To 100, Deduct</i>	-63.79	
<i>For &gt;100, Deduct</i>	-76.54	
23 81 16 00-0011 EA 10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1).....	928.55	112.74
<i>For &gt;10 To 50, Deduct</i>	-35.15	
<i>For &gt;50 To 75, Deduct</i>	-49.21	
<i>For &gt;75 To 100, Deduct</i>	-70.31	
<i>For &gt;100, Deduct</i>	-84.37	
23 81 16 00-0012 EA 12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1).....	980.73	112.74
<i>For &gt;10 To 50, Deduct</i>	-37.76	
<i>For &gt;50 To 75, Deduct</i>	-52.87	
<i>For &gt;75 To 100, Deduct</i>	-75.53	
<i>For &gt;100, Deduct</i>	-90.63	
23 81 16 00-0013 EA 18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2).....	1,032.90	112.74
<i>For &gt;10 To 50, Deduct</i>	-40.37	
<i>For &gt;50 To 75, Deduct</i>	-56.52	
<i>For &gt;75 To 100, Deduct</i>	-80.74	
<i>For &gt;100, Deduct</i>	-96.89	
23 81 16 00-0014 EA 22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2).....	1,137.26	112.74
<i>For &gt;10 To 50, Deduct</i>	-45.59	
<i>For &gt;50 To 75, Deduct</i>	-63.82	
<i>For &gt;75 To 100, Deduct</i>	-91.18	
<i>For &gt;100, Deduct</i>	-109.41	
23 81 16 00-0015 EA 25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2).....	1,150.30	112.74
<i>For &gt;10 To 50, Deduct</i>	-46.24	
<i>For &gt;50 To 75, Deduct</i>	-64.74	
<i>For &gt;75 To 100, Deduct</i>	-92.48	
<i>For &gt;100, Deduct</i>	-110.98	
23 81 16 00-0016 EA 28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2).....	1,936.78	112.74
<i>For &gt;10 To 50, Deduct</i>	-85.57	
<i>For &gt;50 To 75, Deduct</i>	-119.79	
<i>For &gt;75 To 100, Deduct</i>	-171.13	
<i>For &gt;100, Deduct</i>	-205.36	
<b>23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) (23 81 16 00-0002)</b>		
23 81 16 00-0018 EA 8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C).....	2,056.12	112.74
23 81 16 00-0019 EA 10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C).....	2,259.73	112.74
23 81 16 00-0020 EA 11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C).....	2,352.28	112.74
23 81 16 00-0021 EA 12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C).....	2,389.30	112.74
23 81 16 00-0022 EA 20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C).....	2,722.48	112.74
23 81 16 00-0023 EA 24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C).....	3,555.43	112.74
23 81 16 00-0024 EA 28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C).....	3,833.08	112.74
23 81 16 00-0025 EA 36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B).....	4,203.28	112.74
<b>23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners (23 81 16 00-0001)</b>		
<b>23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) (23 81 16 00-0026)</b>		
23 81 16 00-0028 EA 8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1).....	980.73	112.74
<i>For &gt;10 To 50, Deduct</i>	-37.76	
<i>For &gt;50 To 75, Deduct</i>	-52.87	
<i>For &gt;75 To 100, Deduct</i>	-75.53	
<i>For &gt;100, Deduct</i>	-90.63	
23 81 16 00-0029 EA 12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2).....	1,124.21	112.74
<i>For &gt;10 To 50, Deduct</i>	-44.94	
<i>For &gt;50 To 75, Deduct</i>	-62.91	
<i>For &gt;75 To 100, Deduct</i>	-89.87	
<i>For &gt;100, Deduct</i>	-107.85	
23 81 16 00-0030 EA 18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2).....	1,202.48	112.74
<i>For &gt;10 To 50, Deduct</i>	-48.85	
<i>For &gt;50 To 75, Deduct</i>	-68.39	
<i>For &gt;75 To 100, Deduct</i>	-97.70	
<i>For &gt;100, Deduct</i>	-117.24	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 80 Decentralized Unitary HVAC Equipment**

**23 81 Decentralized Unitary HVAC Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0031	EA		25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2).....	1,489.44	112.74
			<i>For &gt;10 To 50, Deduct</i>	-63.20	
			<i>For &gt;50 To 75, Deduct</i>	-88.48	
			<i>For &gt;75 To 100, Deduct</i>	-126.40	
			<i>For &gt;100, Deduct</i>	-151.68	
23 81 16 00-0032			<b>Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) (23 81 16 00-0026)</b>		
23 81 16 00-0033	EA		12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B).....	2,481.85	112.74
23 81 16 00-0034			<b>Accessories (23 81 16 00-0001)</b>		
23 81 16 00-0035	SET		Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	612.50	63.38
23 81 16 00-0036			<b>Removal And Reinstallation Of Room Air-Conditioners (23 81 16)</b> Note: Includes storage and cleaning.		
23 81 16 00-0037	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash .....	134.21	
23 81 16 00-0038	EA		Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash .....	289.09	
23 81 16 00-0039			<b>Through-The-Wall, Room Air-Conditioners (23 81 16)</b> Note: Base unit excludes wall sleeve.		
23 81 16 00-0040			<b>Cooling Only, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)</b>		
23 81 16 00-0041			<b>Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0040)</b>		
23 81 16 00-0042	EA		8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A).....	1,547.46	80.53
			<i>For &gt;10 To 50, Deduct</i>	-69.32	
			<i>For &gt;50 To 75, Deduct</i>	-97.05	
			<i>For &gt;75 To 100, Deduct</i>	-138.64	
			<i>For &gt;100, Deduct</i>	-166.37	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0043	EA		9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B).....	1,677.03	80.53
			<i>For &gt;10 To 50, Deduct</i>	-75.80	
			<i>For &gt;50 To 75, Deduct</i>	-106.12	
			<i>For &gt;75 To 100, Deduct</i>	-151.60	
			<i>For &gt;100, Deduct</i>	-181.92	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0044	EA		12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A).....	1,917.66	80.53
			<i>For &gt;10 To 50, Deduct</i>	-87.83	
			<i>For &gt;50 To 75, Deduct</i>	-122.96	
			<i>For &gt;75 To 100, Deduct</i>	-175.66	
			<i>For &gt;100, Deduct</i>	-210.79	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0045	EA		10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A).....	1,677.03	80.53
			<i>For &gt;10 To 50, Deduct</i>	-75.80	
			<i>For &gt;50 To 75, Deduct</i>	-106.12	
			<i>For &gt;75 To 100, Deduct</i>	-151.60	
			<i>For &gt;100, Deduct</i>	-181.92	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0046	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A).....	1,917.66	80.53
			<i>For &gt;10 To 50, Deduct</i>	-87.83	
			<i>For &gt;50 To 75, Deduct</i>	-122.96	
			<i>For &gt;75 To 100, Deduct</i>	-175.66	
			<i>For &gt;100, Deduct</i>	-210.79	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0047			<b>Heating And Cooling, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)</b>		
23 81 16 00-0048			<b>Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0047)</b>		
23 81 16 00-0049	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33).....	1,973.19	80.53
			<i>For &gt;10 To 50, Deduct</i>	-90.61	
			<i>For &gt;50 To 75, Deduct</i>	-126.85	
			<i>For &gt;75 To 100, Deduct</i>	-181.21	
			<i>For &gt;100, Deduct</i>	-217.46	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	
23 81 16 00-0050	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33).....	2,121.27	80.53
			<i>For &gt;10 To 50, Deduct</i>	-98.01	
			<i>For &gt;50 To 75, Deduct</i>	-137.21	
			<i>For &gt;75 To 100, Deduct</i>	-196.02	
			<i>For &gt;100, Deduct</i>	-235.23	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	266.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**23 81 23****Computer-Room Air-Conditioners (23 81)**

Note: Includes equipment rigging. Indoor units include filters.

**23 81 23 12****Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units (23 81 23 12)****23 81 23 12-0001****Floor Mounted Air-Cooled Direct Expansion Type (23 81 23 12)**

Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air-cooled condenser complete with fan speed control. Excludes precharged copper pipe.

23 81 23 12-0002	EA	3 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	40,375.59		2,291.75
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>4,616.77</i>		
23 81 23 12-0003	EA	5 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	44,566.74		2,506.59
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>5,098.26</i>		
23 81 23 12-0004	EA	6 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	61,904.89		2,864.68
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>7,205.51</i>		
23 81 23 12-0005	EA	8 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	67,790.61		3,043.73
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>7,907.94</i>		
23 81 23 12-0006	EA	10 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	73,676.34		3,222.77
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>8,610.37</i>		
23 81 23 12-0007	EA	16 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	82,444.76		3,867.32
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>9,576.17</i>		
23 81 23 12-0008	EA	20 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	93,197.29		4,297.02
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>10,850.76</i>		
23 81 23 12-0009	EA	22 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	97,519.11		4,438.75
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>11,360.44</i>		
23 81 23 12-0010	EA	24 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	106,249.79		4,583.48
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>12,420.87</i>		
23 81 23 12-0011	EA	30 Ton Air-Cooled Computer Room Air Conditioner, Direct Expansion Type.....	114,869.07		5,156.42
		Note: Includes interior unit and remote condenser. Excludes piping.			
		<i>For Liebert Unit, Add</i>	<i>13,399.96</i>		

**23 81 23 12-0012****Floor Mounted Chilled Water Type (23 81 23 12)**

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.

23 81 23 12-0013	EA	3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	24,129.26		1,570.32
		<i>For Liebert Unit, Add</i>	<i>2,754.44</i>		
23 81 23 12-0014	EA	5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	25,923.90		1,739.42
		<i>For Liebert Unit, Add</i>	<i>2,950.59</i>		
23 81 23 12-0015	EA	12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	32,006.86		2,649.40
		<i>For Liebert Unit, Add</i>	<i>3,559.29</i>		
23 81 23 12-0016	EA	16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	33,473.13		2,684.30
		<i>For Liebert Unit, Add</i>	<i>3,736.81</i>		
23 81 23 12-0017	EA	20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	34,758.06		2,791.67
		<i>For Liebert Unit, Add</i>	<i>3,877.69</i>		
23 81 23 12-0018	EA	22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	35,552.48		3,060.10
		<i>For Liebert Unit, Add</i>	<i>3,934.04</i>		
23 81 23 12-0019	EA	31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	37,704.73		3,328.53
		<i>For Liebert Unit, Add</i>	<i>4,159.46</i>		

**23 81 23 12-0020****Floor Mounted Water Source (23 81 23 12)**

Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes water source.

23 81 23 12-0021	EA	3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	18,641.09		1,432.34
		<i>For Liebert Unit, Add</i>	<i>2,062.56</i>		
23 81 23 12-0022	EA	5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	20,525.64		1,503.96
		<i>For Liebert Unit, Add</i>	<i>2,284.69</i>		
23 81 23 12-0023	EA	6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	26,661.17		1,575.58
		<i>For Liebert Unit, Add</i>	<i>3,038.32</i>		
23 81 23 12-0024	EA	8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	28,728.01		1,718.81
		<i>For Liebert Unit, Add</i>	<i>3,268.37</i>		
23 81 23 12-0025	EA	9 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	30,231.75		1,790.64
		<i>For Liebert Unit, Add</i>	<i>3,442.90</i>		
23 81 23 12-0026	EA	10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	31,735.50		1,862.04
		<i>For Liebert Unit, Add</i>	<i>3,617.42</i>		
23 81 23 12-0027	EA	12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	32,970.83		2,005.27
		<i>For Liebert Unit, Add</i>	<i>3,744.35</i>		
23 81 23 12-0028	EA	16 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	34,419.63		2,148.51
		<i>For Liebert Unit, Add</i>	<i>3,903.01</i>		
23 81 23 12-0029	EA	20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	35,439.87		2,291.75
		<i>For Liebert Unit, Add</i>	<i>4,005.25</i>		
23 81 23 12-0030	EA	25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit.....	40,452.86		2,721.44
		<i>For Liebert Unit, Add</i>	<i>4,548.22</i>		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0031	EA		30 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	48,411.19 5,492.17	2,984.08
<b>23 81 23 12-0032</b>			<b>Floor Mounted Glycol System Type</b> <sup>(23 81 23 12)</sup> Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.		
23 81 23 12-0033	EA		3 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	49,337.75 17,582.28	1,570.32
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0034	EA		5 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	53,078.58 18,925.39	1,739.42
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0035	EA		6 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	69,519.42 24,721.56	1,948.80
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0036	EA		8 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	80,456.95 28,591.57	2,158.18
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0037	EA		9 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	85,008.35 30,205.50	2,262.86
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0038	EA		10 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	90,796.89 32,252.42	2,367.54
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0039	EA		12 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	96,971.72 34,434.55	2,472.77
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0040	EA		15 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	104,145.50 36,966.31	2,566.19
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0041	EA		16 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	110,923.86 39,362.89	2,684.30
			<i>For 10 HP Glycol Pump, Add</i>	21,500.00	
			<i>For Remote Pump Control Panel, Add</i>	7,630.00	
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0042	EA		20 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	121,723.56 43,163.73	2,791.67
			<i>For 10 HP Glycol Pump, Add</i>	21,500.00	
			<i>For Remote Pump Control Panel, Add</i>	7,630.00	
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0043	EA		22 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	126,132.11 44,758.26	3,060.10
			<i>For 10 HP Glycol Pump, Add</i>	21,500.00	
			<i>For Remote Pump Control Panel, Add</i>	7,630.00	
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
23 81 23 12-0044	EA		30 Ton Computer Room Air Conditioner, Glycol System Type..... <i>For Drycooler, Add</i> Note: Installation is externally mounted.	153,898.67 54,528.90	3,328.53
			<i>For 10 HP Glycol Pump, Add</i>	21,500.00	
			<i>For Remote Pump Control Panel, Add</i>	7,630.00	
			<i>For Integrated Fluid Econocoil (Economizer Functionality), Add</i>	8,700.00	
<b>23 81 23 12-0045</b>			<b>Removal And Reinstallation Of Computer Room Unit</b> <sup>(23 81 23 12)</sup> Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 12-0046	EA		Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit.....	2,147.44	
23 81 23 12-0047	EA		Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit.....	1,789.53	
<b>23 81 23 13</b>			<b>Computer-Room Air-Conditioners, Ceiling Mounted Units</b> <sup>(23 81 23)</sup>		
<b>23 81 23 13-0001</b>			<b>Ceiling Mounted Packaged Computer Room Air Conditioner</b> <sup>(23 81 23 13)</sup> Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air-cooled condenser complete with fan speed control.		
23 81 23 13-0002	EA		1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	16,069.38 1,881.09	680.74
23 81 23 13-0003	EA		1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	17,753.06 2,065.92	817.53
23 81 23 13-0004	EA		2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System..... <i>For Liebert Unit, Add</i>	20,256.44 2,340.32	1,023.15



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 13-0005 EA 3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System ..... <i>For Liebert Unit, Add</i>	24,902.55 2,889.13	1,193.66
23 81 23 13-0006 EA 5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System ..... <i>For Liebert Unit, Add</i>	33,839.06 3,986.74	1,297.37
<b>23 81 26 Split-System Air-Conditioners (23 81)</b>		
<b>23 81 26 13 Small-Capacity Split-System Air-Conditioners (23 81 26)</b>		
23 81 26 13-0001 Split System A/C Unit (23 81 26 13) <i>See CSI section 22 07 19 00-1190 for insulation, 23 23 16 00-0001 for piping, 23 54 00 00-0000 for furnaces.</i>		
23 81 26 13-0002 Ductless Split System Air Conditioners (23 81 26 13-0001) <i>Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.</i>		
23 81 26 13-0003 Wall Mounted Ductless Split System Air Conditioners (23 81 26 13-0002)		
23 81 26 13-0004 EA 9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	2,157.54	354.32
23 81 26 13-0005 EA 11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	2,335.92	386.53
23 81 26 13-0006 EA 17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	2,919.99	429.49
23 81 26 13-0007 EA 24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	3,243.72	472.44
23 81 26 13-0008 EA 25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	4,996.33	515.39
23 81 26 13-0009 EA 29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	5,816.98	536.86
23 81 26 13-0010 EA 31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	6,382.28	572.29
23 81 26 13-0011 Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners (23 81 26 13-0002) <i>Note: Use this section only when matching indoor and outdoor capacity units are not used.</i>		
23 81 26 13-0012 EA 7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit and wireless thermostat.</i>	929.79	171.80
23 81 26 13-0013 EA 9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit and wireless thermostat.</i>	982.67	182.54
23 81 26 13-0014 EA 11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit and wireless thermostat.</i>	1,036.44	193.27
23 81 26 13-0015 EA 17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit and wireless thermostat.</i>	1,171.92	204.01
23 81 26 13-0016 EA 24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit and wireless thermostat.</i>	1,253.52	214.75
23 81 26 13-0017 EA 19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes outdoor unit and refrigerant charge.</i>	2,574.62	257.69
23 81 26 13-0018 EA 25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes outdoor unit and refrigerant charge.</i>	2,848.26	279.17
23 81 26 13-0019 EA 30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners ..... <i>Note: Includes outdoor unit and refrigerant charge.</i>	4,504.39	300.64
23 81 26 13-0020 Suspended Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 13-0002) <i>Note: Excludes hangers.</i>		
23 81 26 13-0021 EA 24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	5,349.44	515.39
23 81 26 13-0022 EA 31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	6,519.25	615.24
23 81 26 13-0023 EA 39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	7,956.29	644.23
23 81 26 13-0024 Recessed Ceiling Mounted Ductless Split System Air Conditioners (23 81 26 13-0002) <i>Note: Excludes hangers.</i>		
23 81 26 13-0025 EA 11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	3,283.57	429.49
23 81 26 13-0026 EA 17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	3,828.15	472.44
23 81 26 13-0027 EA 24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	5,322.15	558.33
23 81 26 13-0028 EA 32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	6,160.16	615.24
23 81 26 13-0029 EA 39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners ..... <i>Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.</i>	7,776.74	644.23
23 81 26 13-0030 Ductless Split System Accessories (23 81 26 13-0002)		
23 81 26 13-0031 LF 3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	13.87	1.54
23 81 26 13-0032 LF 4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	18.02	1.69
23 81 26 13-0033 LF 6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	22.60	1.86
23 81 26 13-0034 EA 3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	23.10	2.89



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	40.75	3.17
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	46.51	3.49
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	58.21	5.77
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	98.30	6.34
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	109.81	6.98
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	78.56	6.15
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	92.40	6.77
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	144.78	7.45
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	58.21	5.77
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	98.30	6.34
23 81 26 13-0045	EA	6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	109.81	6.98
23 81 26 13-0046	EA	3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	74.67	9.62
23 81 26 13-0047	EA	4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	111.13	10.58
23 81 26 13-0048	EA	6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	133.50	11.64
23 81 26 13-0049	EA	2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	44.15	1.92
23 81 26 13-0050	EA	3" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	46.23	5.77
23 81 26 13-0051	EA	4" x 20" Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	76.73	6.34
23 81 26 13-0052	EA	3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	41.43	5.77
23 81 26 13-0053	EA	4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	57.55	6.34
23 81 26 13-0054	EA	6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	61.87	6.98
23 81 26 13-0055	EA	4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	212.64	7.69
23 81 26 13-0056	EA	6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers .....	241.33	8.47
23 81 26 13-0057	EA	14" Condensing Unit Mounting Blocks With End Caps .....	120.96	28.86
23 81 26 13-0058	EA	17" Condensing Unit Mounting Blocks With End Caps .....	133.98	30.78
23 81 26 13-0059	EA	36" Condensing Unit Mounting Blocks With End Caps .....	187.75	32.70
23 81 26 13-0060	EA	End Cap, Set of 4 .....	23.94	
23 81 26 13-0061	EA	18" Condensing Unit Type 2 Wall Bracket, 165 Lb. Capacity .....	258.85	57.70
23 81 26 13-0062	EA	21" Condensing Unit Type 2 Wall Bracket, 220 Lb. Capacity .....	274.61	61.55
23 81 26 13-0063	LF	5/8" ID Condensate Drain Line .....	3.12	0.15
23 81 26 13-0064	LF	3/4" ID Condensate Drain Line .....	3.24	0.15

**23 81 26 13-0065 Cased A/C Evaporator Coils (23 81 26 13-0001)****23 81 26 13-0066 Vertical Cased A/C Evaporator Coils (23 81 26 13-0065)**

23 81 26 13-0067	EA	1-1/2 Ton Vertical Cased A/C Evaporator Coil .....	813.69	115.24
23 81 26 13-0068	EA	2 Ton Vertical Cased A/C Evaporator Coil .....	847.30	123.89
23 81 26 13-0069	EA	2-1/2 Ton Vertical Cased A/C Evaporator Coil .....	1,013.89	132.53
23 81 26 13-0070	EA	3 Ton Vertical Cased A/C Evaporator Coil .....	1,159.50	141.18
23 81 26 13-0071	EA	3-1/2 Ton Vertical Cased A/C Evaporator Coil .....	1,348.32	146.94
23 81 26 13-0072	EA	4 Ton Vertical Cased A/C Evaporator Coil .....	1,509.14	152.70
23 81 26 13-0073	EA	4-1/2 Ton Vertical Cased A/C Evaporator Coil .....	1,620.84	164.23
23 81 26 13-0074	EA	5 Ton Vertical Cased A/C Evaporator Coil .....	1,628.82	172.87

**23 81 26 13-0075 "A" Style Horizontal Cased A/C Evaporator Coils (23 81 26 13-0065)**

23 81 26 13-0076	EA	2 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,006.08	118.13
23 81 26 13-0077	EA	2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,161.59	124.75
23 81 26 13-0078	EA	3 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,334.69	132.53
23 81 26 13-0079	EA	3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,382.73	137.31
23 81 26 13-0080	EA	4 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,447.54	144.06
23 81 26 13-0081	EA	4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,462.67	151.54
23 81 26 13-0082	EA	5 Ton "A" Style Horizontal Cased A/C Evaporator Coil .....	1,477.51	159.03

**23 81 26 13-0083 Slab Style Horizontal Cased A/C Evaporator Coils (23 81 26 13-0065)**

23 81 26 13-0084	EA	2 Ton Slab Style Horizontal Cased A/C Evaporator Coil .....	873.11	118.13
23 81 26 13-0085	EA	3 Ton Slab Style Horizontal Cased A/C Evaporator Coil .....	1,052.41	132.53
23 81 26 13-0086	EA	4 Ton Slab Style Horizontal Cased A/C Evaporator Coil .....	1,218.91	144.06
23 81 26 13-0087	EA	5 Ton Slab Style Horizontal Cased A/C Evaporator Coil .....	1,475.18	159.03

**23 81 26 16 Large-Capacity Split-System Air-Conditioners (23 81 26)****23 81 26 16-0001 Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) (23 81 26 16)****23 81 26 16-0002 Outdoor Units (23 81 26 16-0001)**

23 81 26 16-0003	EA	6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A) .....	17,041.04	563.70
23 81 26 16-0004	EA	8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A) .....	18,464.03	671.07
23 81 26 16-0005	EA	10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A) .....	20,777.17	805.29
23 81 26 16-0006	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A) .....	25,612.17	832.13
23 81 26 16-0007	EA	12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A) .....	34,123.53	858.97
23 81 26 16-0008	EA	14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A) .....	35,385.45	885.82
23 81 26 16-0009	EA	16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A) .....	36,647.38	912.66
23 81 26 16-0010	EA	18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A) .....	38,799.46	966.34
23 81 26 16-0011	EA	20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A) .....	40,951.55	1,020.04
23 81 26 16-0012	EA	22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A) .....	45,840.25	1,073.72
23 81 26 16-0013	EA	24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A) .....	50,728.94	1,127.40



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>23 81 26 16-0014 Indoor Units</b> <small>(23 81 26 16-0001)</small>						
	EA			6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2).....	1,743.08	174.48
	EA			8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2).....	1,831.88	187.90
	EA			12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2).....	1,910.36	201.33
	EA			15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2).....	2,004.33	214.75
	EA			18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2).....	2,167.48	255.01
	EA			24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2).....	2,416.32	308.69
	EA			30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2).....	2,617.68	335.53
	EA			6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3).....	2,536.99	191.93
	EA			8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3).....	2,623.32	206.69
	EA			12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3).....	2,766.45	221.46
	EA			15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3).....	3,002.51	236.22
	EA			18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3).....	3,163.38	280.51
	EA			24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3).....	3,467.36	339.56
	EA			27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3).....	3,646.64	354.32
	EA			30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3).....	3,846.57	369.09
	EA			36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3).....	4,226.32	406.00
	EA			48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3).....	4,729.62	446.60
	EA			54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3).....	5,118.41	491.26
	EA			72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E).....	6,502.35	540.39
	EA			96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E).....	7,384.95	594.42
	EA			12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E).....	2,883.14	221.46
	EA			15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E).....	3,039.69	236.22
	EA			18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E).....	3,203.66	280.51
	EA			24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E).....	3,587.15	339.56
	EA			30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E).....	3,864.12	369.09
	EA			36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E).....	4,736.19	406.01
	EA			6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5).....	2,593.79	191.93
	EA			8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5).....	2,726.59	206.69
	EA			12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5).....	2,931.68	221.46
	EA			15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5).....	3,085.13	236.22
	EA			8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4).....	2,396.13	206.69
	EA			12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4).....	2,518.60	221.46
	EA			15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4).....	2,646.24	236.22
<b>23 81 26 16-0048 Controllers For Outdoor Units</b> <small>(23 81 26 16-0001)</small>						
	EA			8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1).....	9,254.82	161.06
	EA			10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1).....	10,702.63	187.90
	EA			13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA).....	11,825.14	214.75
	EA			16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA).....	14,037.14	241.59
	EA			4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB).....	5,156.14	107.37
	EA			8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB).....	7,943.31	161.06
	EA			16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB).....	12,142.17	241.59
<b>23 81 26 16-0056 Energy Recovery Units</b> <small>(23 81 26 16-0001)</small>						
	EA			36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMMU-E2-AU).....	6,538.86	161.06
	EA			39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMMU-E-BU).....	12,404.50	161.06
	EA			112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR).....	12,576.95	187.90
	EA			Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E).....	2,591.97	134.21
	EA			Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E).....	3,310.09	139.58
	EA			Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E).....	3,950.76	144.96
	EA			Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1).....	7,225.59	161.06
<b>23 81 26 16-0064 Piping Specialties</b> <small>(23 81 26 16-0001)</small>						
	EA			Maintenance Tool Interface (Mitsubishi CMS-MNG-E).....	919.09	
	EA			Branch Joint (Mitsubishi CMY-Y102SS-G2).....	241.19	43.72
	EA			Branch Joint (Mitsubishi CMY-Y102LS-G2).....	241.19	43.72
	EA			Branch Joint (Mitsubishi CMY-Y202S-G2).....	267.60	46.03
	EA			Branch Joint (Mitsubishi CMY-Y302S-G2).....	335.90	51.78
	EA			Header - 4 Branch (Mitsubishi CMY-Y64-G-E).....	438.73	74.78
	EA			Header - 8 Branch (Mitsubishi CMY-Y68-G-E).....	743.20	149.58
	EA			Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI).....	134.91	18.41
	EA			Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI).....	151.83	25.31

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**23 81 43 Air-Source Unitary Heat Pumps (23 81)****23 81 43 00-0001 Single Package Thru-Wall Heat Pumps (23 81 43)**

Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel.

23 81 43 00-0002	EA 1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,206.76	174.51
	For Unit Economizer, Add	295.45	
	For >35 To 70, Deduct	-56.08	
	For >70 To 100, Deduct	-93.47	
	For >100, Deduct	-130.86	
	For Low Ambient Protection, 0 Degree F, Add	252.59	
23 81 43 00-0003	EA 1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,437.74	186.16
	For Unit Economizer, Add	326.86	
	For >35 To 70, Deduct	-62.31	
	For >70 To 100, Deduct	-103.85	
	For >100, Deduct	-145.39	
	For Low Ambient Protection, 0 Degree F, Add	277.10	
23 81 43 00-0004	EA 1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,182.48	186.16
	For Unit Economizer, Add	571.12	
	For >35 To 70, Deduct	-114.65	
	For >70 To 100, Deduct	-191.09	
	For >100, Deduct	-267.53	
	For Low Ambient Protection, 0 Degree F, Add	434.13	
23 81 43 00-0005	EA 2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,579.61	186.16
	For Unit Economizer, Add	625.79	
	For >35 To 70, Deduct	-125.87	
	For >70 To 100, Deduct	-209.78	
	For >100, Deduct	-293.70	
	For Low Ambient Protection, 0 Degree F, Add	221.85	
23 81 43 00-0006	EA 2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,184.47	197.79
	For Unit Economizer, Add	709.54	
	For >35 To 70, Deduct	-143.32	
	For >70 To 100, Deduct	-238.86	
	For >100, Deduct	-334.41	
	For Low Ambient Protection, 0 Degree F, Add	245.12	
23 81 43 00-0007	EA 3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,433.72	209.42
	For Unit Economizer, Add	744.43	
	For >35 To 70, Deduct	-150.80	
	For >70 To 100, Deduct	-251.33	
	For >100, Deduct	-351.86	
	For Low Ambient Protection, 0 Degree F, Add	755.25	
23 81 43 00-0008	EA 3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,121.65	209.42
	For Unit Economizer, Add	839.81	
	For >35 To 70, Deduct	-170.74	
	For >70 To 100, Deduct	-284.56	
	For >100, Deduct	-398.38	
	For Low Ambient Protection, 0 Degree F, Add	847.47	
23 81 43 00-0009	EA 4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,756.40	221.05
	For Unit Economizer, Add	928.21	
	For >35 To 70, Deduct	-189.43	
	For >70 To 100, Deduct	-315.71	
	For >100, Deduct	-442.00	
	For Low Ambient Protection, 0 Degree F, Add	931.39	
23 81 43 00-0010	EA 5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	7,781.65	255.96
	For Unit Economizer, Add	1,068.95	
	For >35 To 70, Deduct	-218.09	
	For >70 To 100, Deduct	-363.49	
	For >100, Deduct	-508.88	
	For Low Ambient Protection, 0 Degree F, Add	1,073.04	
23 81 43 00-0011	EA 7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	14,283.74	302.49
	For Unit Economizer, Add	1,975.06	
	For >35 To 70, Deduct	-410.01	
	For >70 To 100, Deduct	-683.36	
	For >100, Deduct	-956.70	
	For Low Ambient Protection, 0 Degree F, Add	1,930.88	
23 81 43 00-0012	EA 10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	18,393.06	383.93
	For Unit Economizer, Add	2,543.85	
	For >35 To 70, Deduct	-528.41	
	For >70 To 100, Deduct	-880.68	
	For >100, Deduct	-1,232.95	
	For Low Ambient Protection, 0 Degree F, Add	371.01	
23 81 43 00-0013	EA 12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	22,462.48	430.48
	For Unit Economizer, Add	3,110.31	
	For >35 To 70, Deduct	-648.05	
	For >70 To 100, Deduct	-1,080.08	
	For >100, Deduct	-1,512.11	
	For Low Ambient Protection, 0 Degree F, Add	431.25	
23 81 43 00-0014	EA 15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	27,718.32	488.65
	For Unit Economizer, Add	3,841.94	
	For >35 To 70, Deduct	-802.58	
	For >70 To 100, Deduct	-1,337.63	
	For >100, Deduct	-1,872.69	
	For Low Ambient Protection, 0 Degree F, Add	508.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 43 00-0015 EA 20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	36,938.87	523.55
For Unit Economizer, Add	5,129.56	
For >35 To 70, Deduct	-1,076.75	
For >70 To 100, Deduct	-1,794.59	
For >100, Deduct	-2,512.42	
For Low Ambient Protection, 0 Degree F, Add	620.69	
23 81 43 00-0016 EA 25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	44,509.40	570.09
For Unit Economizer, Add	6,185.71	
For >35 To 70, Deduct	-1,301.08	
For >70 To 100, Deduct	-2,168.46	
For >100, Deduct	-3,035.85	
For Low Ambient Protection, 0 Degree F, Add	718.74	
<b>23 81 43 00-0017 Single Package Vertical Wall Heat Pumps (23 81 43)</b>		
Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel.		
23 81 43 00-0018 EA 1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	3,392.90	232.69
23 81 43 00-0019 EA 1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	4,122.60	255.96
23 81 43 00-0020 EA 1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	5,338.97	267.60
23 81 43 00-0021 EA 2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	6,123.34	290.86
23 81 43 00-0022 EA 2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	7,660.69	337.40
23 81 43 00-0023 EA 3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	8,181.69	383.93
23 81 43 00-0024 EA 3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	8,882.96	430.48
23 81 43 00-0025 EA 4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	9,996.44	477.02
23 81 43 00-0026 EA 5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat .....	11,265.81	570.09
<b>23 81 43 00-0027 Heat Pump, Room Air-Conditioners (23 81 43)</b>		
Note: Includes throwaway filters and supplemental heat.		
<b>23 81 43 00-0028 Heat Pump, Window Unit, Room Air-Conditioners (23 81 43 00-0027)</b>		
<b>23 81 43 00-0029 Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) (23 81 43 00-0028)</b>		
23 81 43 00-0030 EA 10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C) .....	2,537.38	112.74
For >10 To 50, Deduct	-115.60	
For >50 To 75, Deduct	-161.83	
For >75 To 100, Deduct	-231.19	
For >100, Deduct	-277.43	
23 81 43 00-0031 EA 12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C) .....	2,870.56	112.74
For >10 To 50, Deduct	-132.25	
For >50 To 75, Deduct	-185.16	
For >75 To 100, Deduct	-264.51	
For >100, Deduct	-317.41	
23 81 43 00-0032 EA 17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A).....	3,370.33	112.74
For >10 To 50, Deduct	-157.24	
For >50 To 75, Deduct	-220.14	
For >75 To 100, Deduct	-314.49	
For >100, Deduct	-377.38	
23 81 43 00-0033 EA 24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D).....	3,925.63	112.74
For >10 To 50, Deduct	-185.01	
For >50 To 75, Deduct	-259.01	
For >75 To 100, Deduct	-370.02	
For >100, Deduct	-444.02	
<b>23 81 43 00-0034 Heat Pump, Through-The-Wall, Room Air-Conditioners (23 81 43 00-0027)</b>		
Note: Base unit excludes wall sleeve.		
<b>23 81 43 00-0035 Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 43 00-0034)</b>		
23 81 43 00-0036 EA 9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D) .....	2,565.51	80.53
For >10 To 50, Deduct	-120.22	
For >50 To 75, Deduct	-168.31	
For >75 To 100, Deduct	-240.45	
For >100, Deduct	-288.53	
For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	266.27	
23 81 43 00-0037 EA 11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A).....	2,565.51	80.53
For >10 To 50, Deduct	-120.22	
For >50 To 75, Deduct	-168.31	
For >75 To 100, Deduct	-240.45	
For >100, Deduct	-288.53	
For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	266.27	
<b>23 81 46 Water-Source Unitary Heat Pumps (23 81)</b>		
<b>23 81 46 00-0001 Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps (23 81 46)</b>		
Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.		

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 80 Decentralized Unitary HVAC Equipment**

**23 81 Decentralized Unitary HVAC Equipment**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 46 00-0002	EA		7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	3,509.97	230.49
23 81 46 00-0003	EA		9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	3,621.97	230.49
23 81 46 00-0004	EA		12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	4,188.26	253.54
23 81 46 00-0005	EA		19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	4,411.07	276.58
23 81 46 00-0006	EA		24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	4,730.96	299.63
23 81 46 00-0007	EA		30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	5,573.53	322.68
23 81 46 00-0008	EA		36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	5,694.29	345.74
23 81 46 00-0009	EA		42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	6,213.29	368.78
23 81 46 00-0010	EA		48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	6,632.73	391.83
23 81 46 00-0011	EA		60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump.....	6,741.06	414.88
<b>23 81 49 Split System Heat Pumps (23 81)</b>					
23 81 49 00-0001			<b>Split System Heat Pump (23 81 49)</b> See CSI section 22 07 19 00-1190 for insulation, 23 23 16 00-0001 for piping.		
23 81 49 00-0002			<b>Air-Cooled, Outdoor Section (23 81 49 00-0001)</b> Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.		
23 81 49 00-0003	EA		1.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,228.35	345.54
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	760.70	
			<i>For Winterstart Control, Add</i>	200.55	
			<i>For 15 SEER, Add</i>	666.86	
			<i>For 16 SEER, Add</i>	1,074.39	
			<i>For 18 SEER, Add</i>	1,630.11	
23 81 49 00-0004	EA		2 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,358.72	383.93
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	787.52	
			<i>For Winterstart Control, Add</i>	209.25	
			<i>For 15 SEER, Add</i>	679.86	
			<i>For 16 SEER, Add</i>	1,095.33	
			<i>For 18 SEER, Add</i>	1,661.88	
23 81 49 00-0005	EA		2.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,760.53	445.60
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	863.27	
			<i>For Winterstart Control, Add</i>	230.91	
			<i>For 15 SEER, Add</i>	735.43	
			<i>For 16 SEER, Add</i>	1,184.86	
			<i>For 18 SEER, Add</i>	1,797.73	
23 81 49 00-0006	EA		3 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,195.04	511.91
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	724.24	
			<i>For Winterstart Control, Add</i>	254.34	
			<i>For 15 SEER, Add</i>	795.49	
			<i>For 16 SEER, Add</i>	1,281.62	
			<i>For 18 SEER, Add</i>	1,944.52	
23 81 49 00-0007	EA		3.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,359.26	531.70
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	747.82	
			<i>For Winterstart Control, Add</i>	262.70	
			<i>For 15 SEER, Add</i>	819.69	
			<i>For 16 SEER, Add</i>	1,320.61	
			<i>For 18 SEER, Add</i>	2,003.68	
23 81 49 00-0008	EA		4 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,954.24	610.81
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	827.94	
			<i>For Winterstart Control, Add</i>	290.52	
			<i>For 15 SEER, Add</i>	914.70	
			<i>For 16 SEER, Add</i>	1,473.68	
			<i>For 18 SEER, Add</i>	2,235.93	
23 81 49 00-0009	EA		5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,780.97	671.88
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	531.02	
			<i>For Winterstart Control, Add</i>	154.20	
			<i>For 15 SEER, Add</i>	1,047.80	
			<i>For 16 SEER, Add</i>	1,688.13	
			<i>For 18 SEER, Add</i>	2,561.30	
23 81 49 00-0010	EA		7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	7,502.65	751.61
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	589.88	
			<i>For Winterstart Control, Add</i>	171.66	
23 81 49 00-0011	EA		10 Ton, 11.1 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	10,391.71	901.92
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	403.23	
			<i>For Winterstart Control, Add</i>	220.06	
23 81 49 00-0012	EA		15 Ton, 10.9 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	13,682.06	1,052.25
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	455.50	
			<i>For Winterstart Control, Add</i>	271.79	
23 81 49 00-0013	EA		20 Ton, 10.3 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	24,659.56	1,127.40
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	483.16	
			<i>For Winterstart Control, Add</i>	391.52	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0014				<b>Indoor Section, Horizontal Upflow</b> <small>(23 81 49 00-0001)</small> Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0015	EA			2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat ..... 1,294.77 <i>For Additional 5 KW Electric Heat, Add</i> 117.93	114.89	
23 81 49 00-0016	EA			2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat ..... 1,425.38 <i>For Additional 5 KW Electric Heat, Add</i> 128.22	143.13	
23 81 49 00-0017	EA			3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat ..... 1,485.42 <i>For Additional 5 KW Electric Heat, Add</i> 131.22	172.86	
23 81 49 00-0018	EA			3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat ..... 2,005.79 <i>For Additional 5 KW Electric Heat, Add</i> 180.32	202.40	
23 81 49 00-0019	EA			4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat ..... 2,057.52 <i>For Additional 5 KW Electric Heat, Add</i> 182.91	228.17	
23 81 49 00-0020	EA			5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat ..... 2,281.26 <i>For Additional 5 KW Electric Heat, Add</i> 201.94	261.99	
23 81 49 00-0021	EA			7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat ..... 4,883.30 <i>For Additional 5 KW Electric Heat, Add</i> 445.38	429.49	
23 81 49 00-0022	EA			10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat ..... 7,217.58 <i>For Additional 5 KW Electric Heat, Add</i> 673.44	483.18	
23 81 49 00-0023	EA			15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat ..... 10,142.35 <i>For Additional 5 KW Electric Heat, Add</i> 960.55	536.86	
23 81 49 00-0024	EA			20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat ..... 11,523.40 <i>For Additional 5 KW Electric Heat, Add</i> 1,087.91	644.23	
23 81 49 00-0025				<b>Ductless Split System Heat Pumps</b> <small>(23 81 49 00-0001)</small> Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.		
23 81 49 00-0026				<b>Wall Mounted Ductless Split System Heat Pumps</b> <small>(23 81 49 00-0025)</small>		
23 81 49 00-0027	EA			9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 2,337.09 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	354.32	
23 81 49 00-0028	EA			11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 2,581.90 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	386.53	
23 81 49 00-0029	EA			17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 3,149.81 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	429.49	
23 81 49 00-0030	EA			24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 3,625.26 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	472.44	
23 81 49 00-0031	EA			25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 5,139.37 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	515.39	
23 81 49 00-0032	EA			29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 5,953.44 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	536.86	
23 81 49 00-0033	EA			31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps ..... 6,530.41 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	572.29	
23 81 49 00-0034				<b>Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps</b> <small>(23 81 49 00-0025)</small> Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035	EA			7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 969.29 Note: Includes indoor unit and wireless thermostat.	171.80	
23 81 49 00-0036	EA			9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 1,023.07 Note: Includes indoor unit and wireless thermostat.	182.54	
23 81 49 00-0037	EA			11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 1,077.74 Note: Includes indoor unit and wireless thermostat.	193.27	
23 81 49 00-0038	EA			17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 1,226.68 Note: Includes indoor unit and wireless thermostat.	204.01	
23 81 49 00-0039	EA			24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 1,307.38 Note: Includes indoor unit and wireless thermostat.	214.75	
23 81 49 00-0040	EA			19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 2,906.78 Note: Includes outdoor unit and refrigerant charge.	257.69	
23 81 49 00-0041	EA			23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 3,445.25 Note: Includes outdoor unit and refrigerant charge.	279.17	
23 81 49 00-0042	EA			30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps ..... 5,587.95 Note: Includes outdoor unit and refrigerant charge.	300.64	
23 81 49 00-0043				<b>Suspended Ceiling Mounted Ductless Split System Heat Pumps</b> <small>(23 81 49 00-0025)</small> Note: Excludes hangers.		
23 81 49 00-0044	EA			24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... 5,493.08 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	515.39	
23 81 49 00-0045	EA			31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... 6,667.38 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	615.24	
23 81 49 00-0046	EA			39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps ..... 8,046.06 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	644.23	
23 81 49 00-0047				<b>Recessed Ceiling Mounted Ductless Split System Heat Pumps</b> <small>(23 81 49 00-0025)</small> Note: Excludes hangers.		
23 81 49 00-0048	EA			11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps ..... 3,642.67 Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	429.49	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0049	EA		17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,130.68	472.44
23 81 49 00-0050	EA		24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,465.79	558.33
23 81 49 00-0051	EA		32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,308.29	615.24
23 81 49 00-0052	EA		39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps..... Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,866.52	644.23

**23 82 Convection Heating and Cooling Units** (23 80)**23 82 16 Air Coils** (23 82)**23 82 16 11 Hydronic Air Coils** (23 82 16)

23 82 16 11-0001			<b>Chilled Water Cooling Coils</b> <small>(23 82 16 11)</small> Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002			<b>2 Row Chilled Water Cooling Coils</b> <small>(23 82 16 11-0001)</small>		
23 82 16 11-0003	EA		12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,939.03	57.62
23 82 16 11-0004	EA		12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,228.56	78.37
23 82 16 11-0005	EA		24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,335.65	123.31
23 82 16 11-0006	EA		24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,220.62	176.32
23 82 16 11-0007	EA		30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,523.79	216.66
23 82 16 11-0008	EA		30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,170.60	262.75
23 82 16 11-0009	EA		30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,598.09	304.24
23 82 16 11-0010	EA		30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,123.58	537.49
23 82 16 11-0011	EA		34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,455.35	204.33
23 82 16 11-0012	EA		34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,692.44	347.92
23 82 16 11-0013	EA		34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,362.81	432.17
23 82 16 11-0014	EA		34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,955.71	521.94
23 82 16 11-0015	EA		34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,583.80	607.79
23 82 16 11-0016			<b>4 Row Chilled Water Cooling Coils</b> <small>(23 82 16 11-0001)</small>		
23 82 16 11-0017	EA		12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,402.21	119.85
23 82 16 11-0018	EA		12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,875.48	172.87
23 82 16 11-0019	EA		24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,260.81	288.11
23 82 16 11-0020	EA		24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,403.10	427.55
23 82 16 11-0021	EA		30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,389.90	524.36
23 82 16 11-0022	EA		30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,775.85	640.75
23 82 16 11-0023	EA		30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,752.64	768.67
23 82 16 11-0024	EA		30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,474.49	894.75
23 82 16 11-0025	EA		34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,033.13	386.18
23 82 16 11-0026	EA		34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,657.26	580.83
23 82 16 11-0027	EA		34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,470.82	720.27
23 82 16 11-0028	EA		34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,421.01	867.79
23 82 16 11-0029	EA		34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	10,307.54	1,014.49
23 82 16 11-0030			<b>6 Row Chilled Water Cooling Coils</b> <small>(23 82 16 11-0001)</small>		
23 82 16 11-0031	EA		12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,402.32	152.12
23 82 16 11-0032	EA		12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,983.41	225.87
23 82 16 11-0033	EA		24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,380.82	384.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0034 EA 24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	7,278.45	576.21
23 82 16 11-0035 EA 30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	9,584.53	720.27
23 82 16 11-0036 EA 30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	10,853.89	886.22
23 82 16 11-0037 EA 30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	12,617.67	1,047.56
23 82 16 11-0038 EA 30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	11,900.10	1,220.77
23 82 16 11-0039 EA 34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	7,530.02	527.70
23 82 16 11-0040 EA 34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	9,577.45	791.49
23 82 16 11-0041 EA 34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	10,727.79	991.09
23 82 16 11-0042 EA 34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	11,839.99	1,190.59
23 82 16 11-0043 EA 34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	12,959.27	1,385.11
<b>23 82 16 11-0044 8 Row Chilled Water Cooling Coils (23 82 16 11-0001)</b>		
23 82 16 11-0045 EA 12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	4,257.67	183.23
23 82 16 11-0046 EA 12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	5,174.69	281.20
23 82 16 11-0047 EA 24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	7,668.66	501.31
23 82 16 11-0048 EA 24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	10,113.00	768.67
23 82 16 11-0049 EA 30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	12,118.74	961.14
23 82 16 11-0050 EA 30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	14,052.41	1,152.44
23 82 16 11-0051 EA 30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	16,182.34	1,280.36
23 82 16 11-0052 EA 30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	13,611.00	1,485.15
23 82 16 11-0053 EA 34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	8,570.26	643.06
23 82 16 11-0054 EA 34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	10,927.37	966.78
23 82 16 11-0055 EA 34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	12,259.60	1,204.29
23 82 16 11-0056 EA 34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	13,522.38	1,440.54
23 82 16 11-0057 EA 34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted .....	14,852.22	1,694.77
<b>23 82 16 11-0058 Hot Water Heating Coils (23 82 16 11)</b>		
Note: Flanged construction.		
<b>23 82 16 11-0059 1 Row Hot Water Heating Coils (23 82 16 11-0058)</b>		
23 82 16 11-0060 EA 12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction .....	1,506.24	155.58
For 10 Fins Per Inch, Add	23.90	
For 12 Fins Per Inch, Add	59.74	
For 230 PSIG Heavy-Duty, Add	332.40	
23 82 16 11-0061 EA 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction .....	2,243.85	199.37
For 10 Fins Per Inch, Add	36.93	
For 12 Fins Per Inch, Add	92.32	
For 230 PSIG Heavy-Duty, Add	488.51	
23 82 16 11-0062 EA 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction .....	2,721.09	274.28
For 10 Fins Per Inch, Add	43.45	
For 12 Fins Per Inch, Add	108.62	
For 230 PSIG Heavy-Duty, Add	599.10	
23 82 16 11-0063 EA 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction .....	3,212.14	384.91
For 10 Fins Per Inch, Add	48.88	
For 12 Fins Per Inch, Add	122.19	
For 230 PSIG Heavy-Duty, Add	719.26	
23 82 16 11-0064 EA 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction .....	3,637.34	460.98
For 10 Fins Per Inch, Add	54.31	
For 12 Fins Per Inch, Add	135.77	
For 230 PSIG Heavy-Duty, Add	819.66	
23 82 16 11-0065 EA 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction .....	4,247.98	576.21
For 10 Fins Per Inch, Add	61.91	
For 12 Fins Per Inch, Add	154.78	
For 230 PSIG Heavy-Duty, Add	964.84	
23 82 16 11-0066 EA 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction .....	4,756.18	639.61
For 10 Fins Per Inch, Add	69.51	
For 12 Fins Per Inch, Add	173.78	
For 230 PSIG Heavy-Duty, Add	1,079.29	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0067	EA		30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	5,898.39	743.67
			<i>For 10 Fins Per Inch, Add</i>	88.11	
			<i>For 12 Fins Per Inch, Add</i>	220.28	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,328.96	
23 82 16 11-0068	EA		34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction.....	2,546.66	322.23
			<i>For 10 Fins Per Inch, Add</i>	38.04	
			<i>For 12 Fins Per Inch, Add</i>	95.11	
			<i>For 230 PSIG Heavy-Duty, Add</i>	573.79	
23 82 16 11-0069	EA		34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction.....	3,819.97	483.45
			<i>For 10 Fins Per Inch, Add</i>	57.06	
			<i>For 12 Fins Per Inch, Add</i>	142.66	
			<i>For 230 PSIG Heavy-Duty, Add</i>	860.68	
23 82 16 11-0070	EA		34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction.....	5,742.24	731.22
			<i>For 10 Fins Per Inch, Add</i>	85.60	
			<i>For 12 Fins Per Inch, Add</i>	213.99	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,294.70	
23 82 16 11-0071	EA		34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	6,687.77	847.39
			<i>For 10 Fins Per Inch, Add</i>	99.86	
			<i>For 12 Fins Per Inch, Add</i>	249.65	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,507.03	
23 82 16 11-0072	SF		>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	303.93	42.64
			<i>For 10 Fins Per Inch, Add</i>	4.37	
			<i>For 12 Fins Per Inch, Add</i>	10.93	
			<i>For 230 PSIG Heavy-Duty, Add</i>	69.32	
<b>23 82 16 11-0073</b>			<b>2 Row Hot Water Heating Coils</b> <small>(23 82 16 11-0058)</small>		
23 82 16 11-0074	EA		12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,447.84	192.46
			<i>For 10 Fins Per Inch, Add</i>	41.27	
			<i>For 12 Fins Per Inch, Add</i>	103.18	
			<i>For 230 PSIG Heavy-Duty, Add</i>	527.98	
23 82 16 11-0075	EA		12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,630.20	255.84
			<i>For 10 Fins Per Inch, Add</i>	42.36	
			<i>For 12 Fins Per Inch, Add</i>	105.90	
			<i>For 230 PSIG Heavy-Duty, Add</i>	577.26	
23 82 16 11-0076	EA		24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,537.98	384.91
			<i>For 10 Fins Per Inch, Add</i>	55.39	
			<i>For 12 Fins Per Inch, Add</i>	138.48	
			<i>For 230 PSIG Heavy-Duty, Add</i>	784.43	
23 82 16 11-0077	EA		24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,247.41	548.56
			<i>For 10 Fins Per Inch, Add</i>	63.00	
			<i>For 12 Fins Per Inch, Add</i>	157.49	
			<i>For 230 PSIG Heavy-Duty, Add</i>	959.24	
23 82 16 11-0078	EA		30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,885.81	677.63
			<i>For 10 Fins Per Inch, Add</i>	70.60	
			<i>For 12 Fins Per Inch, Add</i>	176.50	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,112.74	
23 82 16 11-0079	EA		30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	5,176.34	822.84
			<i>For 10 Fins Per Inch, Add</i>	70.60	
			<i>For 12 Fins Per Inch, Add</i>	176.50	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,199.90	
23 82 16 11-0080	EA		30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	5,830.89	961.14
			<i>For 10 Fins Per Inch, Add</i>	78.20	
			<i>For 12 Fins Per Inch, Add</i>	195.51	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,358.25	
23 82 16 11-0081	EA		30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	7,189.73	1,116.71
			<i>For 10 Fins Per Inch, Add</i>	99.13	
			<i>For 12 Fins Per Inch, Add</i>	247.82	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,661.29	
23 82 16 11-0082	EA		34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,103.43	481.84
			<i>For 10 Fins Per Inch, Add</i>	42.80	
			<i>For 12 Fins Per Inch, Add</i>	106.99	
			<i>For 230 PSIG Heavy-Duty, Add</i>	717.04	
23 82 16 11-0083	EA		34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,657.57	723.85
			<i>For 10 Fins Per Inch, Add</i>	64.20	
			<i>For 12 Fins Per Inch, Add</i>	160.49	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,076.29	
23 82 16 11-0084	EA		34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	6,997.32	1,091.36
			<i>For 10 Fins Per Inch, Add</i>	96.29	
			<i>For 12 Fins Per Inch, Add</i>	240.73	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,617.73	
23 82 16 11-0085	EA		34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	8,166.81	1,274.83
			<i>For 10 Fins Per Inch, Add</i>	112.34	
			<i>For 12 Fins Per Inch, Add</i>	280.86	
			<i>For 230 PSIG Heavy-Duty, Add</i>	1,888.33	
<b>23 82 16 11-0086</b>			<b>Hot Water Preheat Coils For Multi-Zone Air Handling Units</b> <small>(23 82 16 11)</small>		
			Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 11-0087	EA		3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,991.58	146.36
23 82 16 11-0088	EA		4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,556.38	145.21
23 82 16 11-0089	EA		5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,140.90	155.58
23 82 16 11-0090	EA		6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,651.73	169.41
23 82 16 11-0091	EA		7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,667.37	177.47
23 82 16 11-0092	EA		9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,444.84	186.70



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0093 EA 11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,600.77	209.75
23 82 16 11-0094 EA 13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,086.54	235.10
23 82 16 11-0095 EA 16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,721.39	281.20
23 82 16 11-0096 EA 19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	6,238.99	295.03
23 82 16 11-0097 EA 22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	8,008.79	312.31
23 82 16 11-0098 EA 27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	10,194.58	427.55
23 82 16 11-0099 EA 34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	12,810.73	524.36
23 82 16 11-0100 EA 40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	14,936.34	548.56
23 82 16 11-0101 EA 47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	17,545.65	639.61

**23 82 16 12 Steam Air Coils (23 82 16)**

**23 82 16 12-0001 Steam Heating Coils (23 82 16 12)**

Note: Flanged construction.

23 82 16 12-0002 EA 12" x 12" Steam Heating Coils, 1 Row Flanged Construction.....	2,368.72	108.33
<i>For 2 Row Coil, Add</i>	753.70	
<i>For 4 Row Coil, Add</i>	1,987.60	
23 82 16 12-0003 EA 12" x 24" Steam Heating Coils, 1 Row Flanged Construction.....	2,606.46	149.82
<i>For 2 Row Coil, Add</i>	841.81	
<i>For 4 Row Coil, Add</i>	2,213.88	
23 82 16 12-0004 EA 24" x 30" Steam Heating Coils, 1 Row Flanged Construction.....	3,381.46	268.51
<i>For 2 Row Coil, Add</i>	1,121.64	
<i>For 4 Row Coil, Add</i>	2,935.66	
23 82 16 12-0005 EA 24" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,228.96	384.91
<i>For 2 Row Coil, Add</i>	1,422.35	
<i>For 4 Row Coil, Add</i>	3,713.53	
23 82 16 12-0006 EA 30" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,690.24	460.98
<i>For 2 Row Coil, Add</i>	1,591.46	
<i>For 4 Row Coil, Add</i>	4,148.63	
23 82 16 12-0007 EA 30" x 60" Steam Heating Coils, 1 Row Flanged Construction.....	5,228.34	576.21
<i>For 2 Row Coil, Add</i>	1,798.99	
<i>For 4 Row Coil, Add</i>	4,678.22	
23 82 16 12-0008 EA 30" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	5,740.91	639.61
<i>For 2 Row Coil, Add</i>	1,978.37	
<i>For 4 Row Coil, Add</i>	5,143.34	
23 82 16 12-0009 EA 30" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	7,146.55	746.43
<i>For 2 Row Coil, Add</i>	2,442.52	
<i>For 4 Row Coil, Add</i>	6,359.14	
23 82 16 12-0010 EA 34" x 32" Steam Heating Coils, 1 Row Flanged Construction.....	3,085.55	322.23
<i>For 2 Row Coil, Add</i>	1,054.57	
<i>For 4 Row Coil, Add</i>	2,745.59	
23 82 16 12-0011 EA 34" x 48" Steam Heating Coils, 1 Row Flanged Construction.....	4,628.32	483.45
<i>For 2 Row Coil, Add</i>	1,581.86	
<i>For 4 Row Coil, Add</i>	4,118.38	
23 82 16 12-0012 EA 34" x 72" Steam Heating Coils, 1 Row Flanged Construction.....	6,940.02	723.85
<i>For 2 Row Coil, Add</i>	2,371.56	
<i>For 4 Row Coil, Add</i>	6,174.57	
23 82 16 12-0013 EA 34" x 84" Steam Heating Coils, 1 Row Flanged Construction.....	8,102.39	847.39
<i>For 2 Row Coil, Add</i>	2,769.67	
<i>For 4 Row Coil, Add</i>	7,210.66	

**23 82 16 13 Refrigerant Air Coils (23 82 16)**

**23 82 16 13-0001 Direct Expansion Cooling Coils (23 82 16 13)**

Note: Flanged construction 16 gauge galvanized steel casing.

**23 82 16 13-0002 2 Row Direct Expansion Cooling Coils (23 82 16 13-0001)**

23 82 16 13-0003 EA 12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	1,860.28	86.43
<i>For 10 Fins Per Inch, Add</i>	33.74	
<i>For 12 Fins Per Inch, Add</i>	84.35	
23 82 16 13-0004 EA 12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,611.59	118.70
<i>For 10 Fins Per Inch, Add</i>	67.48	
<i>For 12 Fins Per Inch, Add</i>	168.70	
23 82 16 13-0005 EA 24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,965.03	186.70
<i>For 10 Fins Per Inch, Add</i>	91.87	
<i>For 12 Fins Per Inch, Add</i>	229.66	
23 82 16 13-0006 EA 24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,964.43	268.51
<i>For 10 Fins Per Inch, Add</i>	108.57	
<i>For 12 Fins Per Inch, Add</i>	271.42	
23 82 16 13-0007 EA 30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,922.08	328.44
<i>For 10 Fins Per Inch, Add</i>	125.27	
<i>For 12 Fins Per Inch, Add</i>	313.18	
23 82 16 13-0008 EA 30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,726.44	397.59
<i>For 10 Fins Per Inch, Add</i>	138.63	
<i>For 12 Fins Per Inch, Add</i>	346.58	
23 82 16 13-0009 EA 30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,855.78	460.98
<i>For 10 Fins Per Inch, Add</i>	158.68	
<i>For 12 Fins Per Inch, Add</i>	396.69	
23 82 16 13-0010 EA 30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	11,131.53	537.49
<i>For 10 Fins Per Inch, Add</i>	201.13	
<i>For 12 Fins Per Inch, Add</i>	502.83	



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0011	EA		34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,274.96	204.33
			<i>For 10 Fins Per Inch, Add</i>	77.33	
			<i>For 12 Fins Per Inch, Add</i>	193.32	
23 82 16 13-0012	EA		34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,469.69	347.92
			<i>For 10 Fins Per Inch, Add</i>	95.48	
			<i>For 12 Fins Per Inch, Add</i>	238.69	
23 82 16 13-0013	EA		34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,692.18	521.94
			<i>For 10 Fins Per Inch, Add</i>	112.97	
			<i>For 12 Fins Per Inch, Add</i>	282.42	
23 82 16 13-0014	EA		34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,299.75	607.79
			<i>For 10 Fins Per Inch, Add</i>	121.68	
			<i>For 12 Fins Per Inch, Add</i>	304.21	
<b>23 82 16 13-0015</b>			<b>4 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 13-0001)</small>		
23 82 16 13-0016	EA		12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,104.62	119.85
			<i>For 10 Fins Per Inch, Add</i>	57.29	
			<i>For 12 Fins Per Inch, Add</i>	143.23	
23 82 16 13-0017	EA		12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,436.19	172.87
			<i>For 10 Fins Per Inch, Add</i>	81.84	
			<i>For 12 Fins Per Inch, Add</i>	204.61	
23 82 16 13-0018	EA		24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,004.62	288.11
			<i>For 10 Fins Per Inch, Add</i>	108.57	
			<i>For 12 Fins Per Inch, Add</i>	271.42	
23 82 16 13-0019	EA		24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,284.23	427.55
			<i>For 10 Fins Per Inch, Add</i>	128.61	
			<i>For 12 Fins Per Inch, Add</i>	321.53	
23 82 16 13-0020	EA		30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,396.91	524.36
			<i>For 10 Fins Per Inch, Add</i>	146.98	
			<i>For 12 Fins Per Inch, Add</i>	367.46	
23 82 16 13-0021	EA		30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	9,965.94	640.75
			<i>For 10 Fins Per Inch, Add</i>	173.71	
			<i>For 12 Fins Per Inch, Add</i>	434.27	
23 82 16 13-0022	EA		30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	11,057.17	768.67
			<i>For 10 Fins Per Inch, Add</i>	190.41	
			<i>For 12 Fins Per Inch, Add</i>	476.03	
23 82 16 13-0023	EA		30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,694.70	894.75
			<i>For 10 Fins Per Inch, Add</i>	178.10	
			<i>For 12 Fins Per Inch, Add</i>	445.26	
23 82 16 13-0024	EA		34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,868.42	386.18
			<i>For 10 Fins Per Inch, Add</i>	121.92	
			<i>For 12 Fins Per Inch, Add</i>	304.80	
23 82 16 13-0025	EA		34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,688.60	580.83
			<i>For 10 Fins Per Inch, Add</i>	150.54	
			<i>For 12 Fins Per Inch, Add</i>	376.34	
23 82 16 13-0026	EA		34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	13,011.46	1,021.64
			<i>For 10 Fins Per Inch, Add</i>	219.36	
			<i>For 12 Fins Per Inch, Add</i>	548.41	
23 82 16 13-0027	EA		34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	14,881.99	1,190.59
			<i>For 10 Fins Per Inch, Add</i>	250.02	
			<i>For 12 Fins Per Inch, Add</i>	625.05	
<b>23 82 16 13-0028</b>			<b>6 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 13-0001)</small>		
23 82 16 13-0029	EA		12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,977.90	150.97
			<i>For 10 Fins Per Inch, Add</i>	73.49	
			<i>For 12 Fins Per Inch, Add</i>	183.73	
23 82 16 13-0030	EA		12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,544.12	225.87
			<i>For 10 Fins Per Inch, Add</i>	81.84	
			<i>For 12 Fins Per Inch, Add</i>	204.61	
23 82 16 13-0031	EA		24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,530.76	384.91
			<i>For 10 Fins Per Inch, Add</i>	115.25	
			<i>For 12 Fins Per Inch, Add</i>	288.12	
23 82 16 13-0032	EA		24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,251.13	576.21
			<i>For 10 Fins Per Inch, Add</i>	141.97	
			<i>For 12 Fins Per Inch, Add</i>	354.93	
23 82 16 13-0033	EA		30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,877.62	720.27
			<i>For 10 Fins Per Inch, Add</i>	188.74	
			<i>For 12 Fins Per Inch, Add</i>	471.85	
23 82 16 13-0034	EA		30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	12,295.74	886.22
			<i>For 10 Fins Per Inch, Add</i>	210.46	
			<i>For 12 Fins Per Inch, Add</i>	526.14	
23 82 16 13-0035	EA		30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	14,288.38	1,047.56
			<i>For 10 Fins Per Inch, Add</i>	243.86	
			<i>For 12 Fins Per Inch, Add</i>	609.65	
23 82 16 13-0036	EA		30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	13,401.90	1,220.77
			<i>For 10 Fins Per Inch, Add</i>	219.21	
			<i>For 12 Fins Per Inch, Add</i>	548.02	
23 82 16 13-0037	EA		34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,558.06	527.70
			<i>For 10 Fins Per Inch, Add</i>	150.05	
			<i>For 12 Fins Per Inch, Add</i>	375.14	
23 82 16 13-0038	EA		34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,846.78	791.49
			<i>For 10 Fins Per Inch, Add</i>	185.28	
			<i>For 12 Fins Per Inch, Add</i>	463.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0039 EA 34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	13,322.34	1,180.78
For 10 Fins Per Inch, Add	219.22	
For 12 Fins Per Inch, Add	548.04	
23 82 16 13-0040 EA 34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	14,577.06	1,385.11
For 10 Fins Per Inch, Add	236.14	
For 12 Fins Per Inch, Add	590.34	
<b>23 82 16 13-0041 8 Row Direct Expansion Cooling Coils</b> <small>(23 82 16 13-0001)</small>		
23 82 16 13-0042 EA 12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	4,959.12	182.09
For 10 Fins Per Inch, Add	91.87	
For 12 Fins Per Inch, Add	229.66	
23 82 16 13-0043 EA 12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	5,907.05	281.20
For 10 Fins Per Inch, Add	106.90	
For 12 Fins Per Inch, Add	267.24	
23 82 16 13-0044 EA 24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	8,727.16	501.31
For 10 Fins Per Inch, Add	154.50	
For 12 Fins Per Inch, Add	386.25	
23 82 16 13-0045 EA 24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	11,474.74	768.67
For 10 Fins Per Inch, Add	198.76	
For 12 Fins Per Inch, Add	496.91	
23 82 16 13-0046 EA 30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	13,737.96	961.14
For 10 Fins Per Inch, Add	236.34	
For 12 Fins Per Inch, Add	590.86	
23 82 16 13-0047 EA 30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	15,917.66	1,152.44
For 10 Fins Per Inch, Add	272.26	
For 12 Fins Per Inch, Add	680.64	
23 82 16 13-0048 EA 30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	18,345.11	1,280.36
For 10 Fins Per Inch, Add	315.68	
For 12 Fins Per Inch, Add	789.21	
23 82 16 13-0049 EA 30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	15,300.52	1,485.15
For 10 Fins Per Inch, Add	246.61	
For 12 Fins Per Inch, Add	616.52	
23 82 16 13-0050 EA 34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	9,726.81	643.06
For 10 Fins Per Inch, Add	168.81	
For 12 Fins Per Inch, Add	422.03	
23 82 16 13-0051 EA 34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	12,355.38	966.78
For 10 Fins Per Inch, Add	208.44	
For 12 Fins Per Inch, Add	521.09	
23 82 16 13-0052 EA 34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	15,241.09	1,455.07
For 10 Fins Per Inch, Add	246.62	
For 12 Fins Per Inch, Add	616.54	
23 82 16 13-0053 EA 34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing .....	16,672.25	1,694.77
For 10 Fins Per Inch, Add	265.65	
For 12 Fins Per Inch, Add	664.14	
<b>23 82 16 14 Electric-Resistance Air Coils</b> <small>(23 82 16)</small>		
<b>23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater</b> <small>(23 82 16 14)</small>		
<b>23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element</b> <small>(23 82 16 14-0001)</small>		
23 82 16 14-0003 EA 1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	597.57	82.68
23 82 16 14-0004 EA 1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	611.33	89.12
23 82 16 14-0005 EA 2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	627.60	97.71
23 82 16 14-0006 EA 3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	633.07	100.93
23 82 16 14-0007 EA 4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	647.13	107.37
23 82 16 14-0008 EA 5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	663.29	115.96
23 82 16 14-0009 EA 6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	766.11	129.92
23 82 16 14-0010 EA 7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	779.20	136.36
23 82 16 14-0011 EA 8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	789.94	140.65
23 82 16 14-0012 EA 9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	805.63	149.25
23 82 16 14-0013 EA 10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	884.95	157.84
23 82 16 14-0014 EA 12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	915.51	172.86
23 82 16 14-0015 EA 15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	945.89	187.90
23 82 16 14-0016 EA 20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	978.73	202.93
23 82 16 14-0017 EA 30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	1,382.49	283.46
23 82 16 14-0018 EA 40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	2,570.26	301.72
23 82 16 14-0019 EA 50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	2,818.02	345.74
23 82 16 14-0020 EA 60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	3,342.31	383.32
23 82 16 14-0021 EA 70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	3,499.42	416.60
23 82 16 14-0022 EA 80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	3,834.10	457.40
23 82 16 14-0023 EA 90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	4,746.62	488.54
23 82 16 14-0024 EA 100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	5,220.61	525.05
23 82 16 14-0025 EA 125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	6,374.01	566.92
23 82 16 14-0026 EA 150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater .....	7,189.93	616.31
<b>23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element</b> <small>(23 82 16 14-0001)</small>		
23 82 16 14-0028 EA 1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater .....	971.06	118.10
23 82 16 14-0029 EA 2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater .....	999.03	128.84
23 82 16 14-0030 EA 3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater .....	1,010.92	128.84
23 82 16 14-0031 EA 4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater .....	1,092.21	141.73

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

23 82 16 14-0032	EA	5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,142.11	141.73
23 82 16 14-0033	EA	6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,168.67	141.73
23 82 16 14-0034	EA	8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,225.33	157.84
23 82 16 14-0035	EA	9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,275.51	177.17
23 82 16 14-0036	EA	10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,302.07	177.17
23 82 16 14-0037	EA	15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,465.38	202.93
23 82 16 14-0038	EA	20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,889.86	202.93
23 82 16 14-0039	EA	25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,006.17	220.11
23 82 16 14-0040	EA	30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,366.21	236.22
23 82 16 14-0041	EA	35 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,537.30	236.22
23 82 16 14-0042	EA	40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,823.01	236.22
23 82 16 14-0043	EA	45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,083.41	246.96
23 82 16 14-0044	EA	50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,241.79	246.96

**23 82 19 Fan Coil Units (23 82)****23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units (23 82 19)**

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

**23 82 19 00-0002 Horizontal Fan Coil Units With Electric Heating Coil (23 82 19 00-0001)**

23 82 19 00-0003	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,085.87	186.70
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-53.59	
23 82 19 00-0004	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,372.58	217.82
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.74	
23 82 19 00-0005	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	2,815.64	245.47
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.52	
23 82 19 00-0006	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,236.19	281.20
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-63.11	
23 82 19 00-0007	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,652.54	295.03
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-109.32	
23 82 19 00-0008	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,692.10	312.31
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-111.72	
23 82 19 00-0009	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	5,522.13	338.82
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-115.84	

**23 82 19 00-0010 Horizontal Fan Coil Units With Hot Water Heating Coil (23 82 19 00-0001)**

23 82 19 00-0011	EA	200 CFM, 6 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,039.14	186.70
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-53.59	
23 82 19 00-0012	EA	300 CFM, 9 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	3,422.35	217.82
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.74	
23 82 19 00-0013	EA	400 CFM, 12 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,224.73	245.47
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.52	
23 82 19 00-0014	EA	600 CFM, 18 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,572.41	281.20
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-63.11	
23 82 19 00-0015	EA	800 CFM, 24 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	4,877.18	296.18
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-109.32	
23 82 19 00-0016	EA	1,000 CFM, 30 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	6,490.93	312.31
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-111.72	
23 82 19 00-0017	EA	1,200 CFM, 36 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	7,613.12	338.82
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-115.84	
23 82 19 00-0018	EA	1,400 CFM, 42 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	8,117.47	351.50
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-117.72	
23 82 19 00-0019	EA	1,600 CFM, 48 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	9,061.03	365.90
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-119.89	
23 82 19 00-0020	EA	1,800 CFM, 54 MBH Cooling, Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet.....	9,746.51	380.31
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-122.05	

**23 82 19 00-0021 Floor Mounted Vertical Fan Coil Units (23 82 19)**

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.

**23 82 19 00-0022 Vertical Fan Coil Units With Electric Heating Coil (23 82 19 00-0021)**

23 82 19 00-0023	EA	200 CFM, 6 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,011.35	185.54
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-264.53	
		<i>For Thru-Wall Sleeve, Add</i>	129.35	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-53.59	
23 82 19 00-0024	EA	300 CFM, 9 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,298.06	217.82
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-301.22	
		<i>For Thru-Wall Sleeve, Add</i>	141.98	
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0025 EA 400 CFM, 12 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,726.20	245.47
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-359.89	
<i>For Thru-Wall Sleeve, Add</i>	153.08	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.52	
23 82 19 00-0026 EA 600 CFM, 18 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	3,133.33	281.20
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-413.78	
<i>For Thru-Wall Sleeve, Add</i>	167.43	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-63.11	
23 82 19 00-0027 EA 800 CFM, 24 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	3,534.79	296.18
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-471.12	
<i>For Thru-Wall Sleeve, Add</i>	173.20	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-109.32	
23 82 19 00-0028 EA 1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	4,535.59	312.31
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-618.04	
<i>For Thru-Wall Sleeve, Add</i>	179.59	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-111.72	
23 82 19 00-0029 EA 1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	5,335.82	338.82
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-732.58	
<i>For Thru-Wall Sleeve, Add</i>	190.58	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-115.84	
<b>23 82 19 00-0030 Vertical Fan Coil Units With Hot Water Heating Coil</b> <small>(23 82 19 00-0021)</small>		
23 82 19 00-0031 EA 200 CFM, 6 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	2,923.06	185.54
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-401.28	
<i>For Thru-Wall Sleeve, Add</i>	129.35	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-53.59	
23 82 19 00-0032 EA 300 CFM, 9 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	3,292.35	217.82
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-450.36	
<i>For Thru-Wall Sleeve, Add</i>	141.98	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-56.74	
23 82 19 00-0033 EA 400 CFM, 12 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	4,062.22	245.47
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-560.29	
<i>For Thru-Wall Sleeve, Add</i>	153.08	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-59.52	
23 82 19 00-0034 EA 600 CFM, 18 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	4,644.24	281.20
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-640.42	
<i>For Thru-Wall Sleeve, Add</i>	167.43	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-63.11	
23 82 19 00-0035 EA 800 CFM, 24 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	5,183.33	296.18
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-718.40	
<i>For Thru-Wall Sleeve, Add</i>	173.20	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-109.32	
23 82 19 00-0036 EA 1,000 CFM, 30 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	6,235.80	312.31
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-873.08	
<i>For Thru-Wall Sleeve, Add</i>	179.59	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-111.72	
23 82 19 00-0037 EA 1,200 CFM, 36 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	7,311.28	338.82
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-1,028.90	
<i>For Thru-Wall Sleeve, Add</i>	190.58	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-115.84	
23 82 19 00-0038 EA 1,400 CFM, 42 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	8,011.95	351.50
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-1,131.49	
<i>For Thru-Wall Sleeve, Add</i>	195.60	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-117.72	
23 82 19 00-0039 EA 1,600 CFM, 48 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	8,849.99	365.90
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-1,254.32	
<i>For Thru-Wall Sleeve, Add</i>	201.36	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-119.89	
23 82 19 00-0040 EA 1,800 CFM, 54 MBH Cooling, Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet.....	9,438.84	365.90
<i>For Fan Coil Units Without Cabinet, Deduct</i>	-1,339.77	
<i>For Thru-Wall Sleeve, Add</i>	207.12	
<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-122.05	
<b>23 82 19 00-0041 Removal And Reinstallation Of Fan Coil Units</b> <small>(23 82 19)</small>		
Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0042 EA Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical .....		489.99
<b>23 82 29 Radiators</b> <small>(23 82)</small>		
<b>23 82 29 00-0001 Demolish Cast Iron Radiators</b> <small>(23 82 29)</small>		
23 82 29 00-0002 LF Demolish Cast Iron Radiator.....		34.52
23 82 29 00-0003 EA Cap Radiator.....		56.62

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 29 00-0004			<b>Cast Iron Radiator</b> <small>(23 82 29)</small>		
23 82 29 00-0005	EA		19" High Cast Iron Radiator Section, Free Standing.....	68.15	
			<i>For Wall Support Bracket, Add</i>	28.71	
23 82 29 00-0006	EA		25" High Cast Iron Radiator Section, Free Standing.....	99.31	
			<i>For Wall Support Bracket, Add</i>	30.20	
23 82 29 00-0007	EA		30" High Cast Iron Radiator Section, Free Standing.....	116.46	
23 82 29 00-0008	EA		36" High Cast Iron Radiator Section, Free Standing.....	148.37	
23 82 29 00-0009	EA		20" High Cast Iron Radiator Section, Recessed With Grille.....	92.87	
23 82 29 00-0010			<b>Radiator Covers</b> <small>(23 82 29)</small>		
			Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011	SF		14 Gauge Stainless Steel Radiator Cover .....	134.61	5.83
23 82 29 00-0012	SF		Primed And Painted, Galvanized Steel Radiator Cover .....	83.38	5.83
23 82 29 00-0013			<b>Radiator Shields</b> <small>(23 82 29)</small>		
23 82 29 00-0014	SF		Stainless Steel Radiator Shield.....	57.36	5.83
23 82 29 00-0015	SF		Primed And Painted, Galvanized Steel Radiator Shield .....	48.80	5.83
23 82 29 00-0016			<b>Removal And Reinstallation Of Radiator</b> <small>(23 82 29)</small>		
			Note: Includes storage and cleaning.		
23 82 29 00-0017	LF		Removal And Reinstallation Of Cast Iron Radiator .....	86.43	
23 82 29 00-0018	LF		Removal And Reinstallation Of Electric Radiator .....	57.62	
<b>23 82 33</b>			<b>Convectors</b> <small>(23 82)</small>		
23 82 33 00-0001			<b>Multi-Fin Convectors For Two-Pipe System</b> <small>(23 82 33)</small>		
			Note: Complete with 6-1/4" deep cabinet enclosure.		
23 82 33 00-0002			<b>20" High Multi-Fin Convectors For Two-Pipe System</b> <small>(23 82 33 00-0001)</small>		
23 82 33 00-0003	EA		20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	582.25	126.77
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	63.62	
			<i>For Snap-On Inlet Grille, Add</i>	48.42	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	136.56	
23 82 33 00-0004	EA		20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	686.41	138.30
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	68.86	
			<i>For Snap-On Inlet Grille, Add</i>	51.91	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	166.91	
23 82 33 00-0005	EA		20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	789.64	163.65
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	80.32	
			<i>For Snap-On Inlet Grille, Add</i>	59.55	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	189.67	
23 82 33 00-0006	EA		20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	945.71	190.15
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	92.42	
			<i>For Snap-On Inlet Grille, Add</i>	67.62	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	230.17	
23 82 33 00-0007	EA		20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,127.72	228.18
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	109.70	
			<i>For Snap-On Inlet Grille, Add</i>	79.13	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	273.72	
23 82 33 00-0008	EA		20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,268.88	251.00
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	120.06	
			<i>For Snap-On Inlet Grille, Add</i>	86.04	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	311.04	
23 82 33 00-0009	EA		20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,473.93	304.24
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	144.25	
			<i>For Snap-On Inlet Grille, Add</i>	102.16	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	354.59	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0010 EA 20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,609.40	323.26
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	152.90	
For Snap-On Inlet Grille, Add	107.93	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	391.91	
23 82 33 00-0011 EA 20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,755.83	361.29
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	170.16	
For Snap-On Inlet Grille, Add	119.44	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	423.02	
23 82 33 00-0012 EA 20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,937.93	399.32
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	187.47	
For Snap-On Inlet Grille, Add	130.98	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	466.56	
23 82 33 00-0013 EA 20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,084.38	437.35
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	204.74	
For Snap-On Inlet Grille, Add	142.49	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	497.67	
<b>23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System (23 82 33 00-0001)</b>		
23 82 33 00-0015 EA 26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	683.62	166.75
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	81.03	
For Snap-On Inlet Grille, Add	60.02	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	151.74	
23 82 33 00-0016 EA 26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	802.78	193.72
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	93.13	
For Snap-On Inlet Grille, Add	68.09	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	179.32	
23 82 33 00-0017 EA 26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	971.55	227.50
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	108.29	
For Snap-On Inlet Grille, Add	78.19	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	220.71	
23 82 33 00-0018 EA 26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,139.37	253.66
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	120.03	
For Snap-On Inlet Grille, Add	86.02	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	265.74	
23 82 33 00-0019 EA 26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,330.38	285.23
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	134.24	
For Snap-On Inlet Grille, Add	95.49	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	316.02	
23 82 33 00-0020 EA 26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,489.25	308.97
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	144.96	
For Snap-On Inlet Grille, Add	102.64	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	359.12	
23 82 33 00-0021 EA 26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,698.34	352.07
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	164.59	
For Snap-On Inlet Grille, Add	115.73	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	409.40	
23 82 33 00-0022 EA 26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,853.34	373.62
For Knob Operated Damper, Add	15.00	
For Metal Trim Strips, Add	174.16	
For Snap-On Inlet Grille, Add	122.10	
For Access Doors Hinged, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For 3 Tubes System, Add	452.49	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 80 Decentralized Unitary HVAC Equipment**

**23 82 Convection Heating and Cooling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0023	EA		26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,005.83	407.38
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	189.12	
			<i>For Snap-On Inlet Grille, Add</i>	132.08	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	488.40	
23 82 33 00-0024	EA		26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,199.87	440.47
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	204.24	
			<i>For Snap-On Inlet Grille, Add</i>	142.16	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	538.67	
23 82 33 00-0025	EA		26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,347.83	470.77
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	217.85	
			<i>For Snap-On Inlet Grille, Add</i>	151.23	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	574.59	
<b>23 82 33 00-0026</b>			<b>32" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small></b>		
23 82 33 00-0027	EA		32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	784.04	202.83
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	98.15	
			<i>For Snap-On Inlet Grille, Add</i>	71.43	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	166.91	
23 82 33 00-0028	EA		32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	935.35	245.47
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	117.53	
			<i>For Snap-On Inlet Grille, Add</i>	84.35	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	197.26	
23 82 33 00-0029	EA		32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,128.19	286.96
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	136.37	
			<i>For Snap-On Inlet Grille, Add</i>	96.91	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	242.77	
23 82 33 00-0030	EA		32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,307.66	311.85
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	147.74	
			<i>For Snap-On Inlet Grille, Add</i>	104.49	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	292.32	
23 82 33 00-0031	EA		32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,503.31	336.97
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	159.03	
			<i>For Snap-On Inlet Grille, Add</i>	112.02	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	347.62	
23 82 33 00-0032	EA		32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,675.85	361.29
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	170.16	
			<i>For Snap-On Inlet Grille, Add</i>	119.44	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	395.02	
23 82 33 00-0033	EA		32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	1,880.20	391.71
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	184.07	
			<i>For Snap-On Inlet Grille, Add</i>	128.71	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	450.33	
23 82 33 00-0034	EA		32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,053.91	416.83
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	195.55	
			<i>For Snap-On Inlet Grille, Add</i>	136.36	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	497.73	
23 82 33 00-0035	EA		32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,208.26	444.96
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Metal Trim Strips, Add</i>	207.99	
			<i>For Snap-On Inlet Grille, Add</i>	144.66	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For 3 Tubes System, Add</i>	537.23	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0036 EA 32" High x 18' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,407.69	471.58
<i>For Knob Operated Damper, Add</i>	15.00	
<i>For Metal Trim Strips, Add</i>	220.42	
<i>For Snap-On Inlet Grille, Add</i>	152.95	
<i>For Access Doors Hinged, Add</i>	15.00	
<i>For Air Chamber, Auto-vent, Add</i>	18.00	
<i>For 3 Tubes System, Add</i>	592.54	
23 82 33 00-0037 EA 32" High x 20' Long Multi-Fin Convactor, 2-Pipe System With 6-1/4" Deep Cabinet .....	2,554.56	494.40
<i>For Knob Operated Damper, Add</i>	15.00	
<i>For Metal Trim Strips, Add</i>	230.62	
<i>For Snap-On Inlet Grille, Add</i>	159.75	
<i>For Access Doors Hinged, Add</i>	15.00	
<i>For Air Chamber, Auto-vent, Add</i>	18.00	
<i>For 3 Tubes System, Add</i>	632.04	
<b>23 82 33 00-0038 Electric Convectors, Floor Standing Units (23 82 33)</b>		
<b>23 82 33 00-0039 4" Deep Electric Convectors (23 82 33 00-0038)</b>		
23 82 33 00-0040 EA 38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units .....	610.70	115.18
23 82 33 00-0041 EA 50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units .....	676.64	115.18
<b>23 82 33 00-0042 6" Deep Electric Convectors (23 82 33 00-0038)</b>		
23 82 33 00-0043 EA 38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units .....	707.07	115.18
23 82 33 00-0044 EA 50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units .....	808.51	115.18
23 82 33 00-0045 EA 62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units .....	897.27	115.18
23 82 33 00-0046 EA 74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units .....	1,036.75	115.18
<b>23 82 36 Finned-Tube Radiation Heaters (23 82)</b>		
<b>23 82 36 00-0001 Finned Tube Baseboard Units (23 82 36)</b>		
Note: Complete with steel enclosure. Single heating element.		
<b>23 82 36 00-0002 3/4" IPS Steel Tube With Steel Fins (23 82 36 00-0001)</b>		
23 82 36 00-0003 EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	369.17	44.95
<i>For 90 Degree Corner, Add</i>	53.49	
<i>For Valve Enclosure, Add</i>	53.49	
<i>For Filler Piece, Add</i>	46.49	
<i>For End Cap, Add</i>	36.27	
<i>For Copper Tube With Aluminum Fins, Add</i>	8.35	
23 82 36 00-0004 EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	489.51	67.99
<i>For 90 Degree Corner, Add</i>	62.38	
<i>For Valve Enclosure, Add</i>	62.38	
<i>For Filler Piece, Add</i>	55.38	
<i>For End Cap, Add</i>	42.05	
<i>For Copper Tube With Aluminum Fins, Add</i>	12.52	
23 82 36 00-0005 EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	591.57	89.89
<i>For 90 Degree Corner, Add</i>	67.62	
<i>For Valve Enclosure, Add</i>	67.62	
<i>For Filler Piece, Add</i>	60.62	
<i>For End Cap, Add</i>	45.45	
<i>For Copper Tube With Aluminum Fins, Add</i>	16.69	
23 82 36 00-0006 EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	736.89	125.85
<i>For 90 Degree Corner, Add</i>	81.91	
<i>For Valve Enclosure, Add</i>	81.91	
<i>For Filler Piece, Add</i>	74.91	
<i>For End Cap, Add</i>	54.74	
<i>For Copper Tube With Aluminum Fins, Add</i>	20.75	
23 82 36 00-0007 EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	881.35	151.20
<i>For 90 Degree Corner, Add</i>	96.43	
<i>For Valve Enclosure, Add</i>	96.43	
<i>For Filler Piece, Add</i>	89.43	
<i>For End Cap, Add</i>	64.18	
<i>For Copper Tube With Aluminum Fins, Add</i>	24.71	
23 82 36 00-0008 EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	1,000.02	161.34
<i>For 90 Degree Corner, Add</i>	102.20	
<i>For Valve Enclosure, Add</i>	102.20	
<i>For Filler Piece, Add</i>	95.20	
<i>For End Cap, Add</i>	67.93	
<i>For Copper Tube With Aluminum Fins, Add</i>	29.65	
23 82 36 00-0009 EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	1,102.34	178.28
<i>For 90 Degree Corner, Add</i>	111.88	
<i>For Valve Enclosure, Add</i>	111.88	
<i>For Filler Piece, Add</i>	104.88	
<i>For End Cap, Add</i>	74.22	
<i>For Copper Tube With Aluminum Fins, Add</i>	32.61	
23 82 36 00-0010 EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	1,259.00	201.68
<i>For 90 Degree Corner, Add</i>	125.24	
<i>For Valve Enclosure, Add</i>	125.24	
<i>For Filler Piece, Add</i>	118.24	
<i>For End Cap, Add</i>	82.91	
<i>For Copper Tube With Aluminum Fins, Add</i>	37.55	

**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0011	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element .....	1,388.56	221.84
			<i>For 90 Degree Corner, Add</i>	136.78	
			<i>For Valve Enclosure, Add</i>	136.78	
			<i>For Filler Piece, Add</i>	129.78	
			<i>For End Cap, Add</i>	90.41	
			<i>For Copper Tube With Aluminum Fins, Add</i>	41.51	
<b>23 82 36 00-0012</b>			<b>1" IPS Steel Tube With Steel Fins</b> <small>(23 82 36 00-0001)</small>		
23 82 36 00-0013	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	434.20	44.95
			<i>For 90 Degree Corner, Add</i>	53.49	
			<i>For Valve Enclosure, Add</i>	53.49	
			<i>For Filler Piece, Add</i>	46.49	
			<i>For End Cap, Add</i>	36.27	
			<i>For Copper Tube With Aluminum Fins, Add</i>	11.92	
23 82 36 00-0014	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	587.06	67.99
			<i>For 90 Degree Corner, Add</i>	62.38	
			<i>For Valve Enclosure, Add</i>	62.38	
			<i>For Filler Piece, Add</i>	55.38	
			<i>For End Cap, Add</i>	42.05	
			<i>For Copper Tube With Aluminum Fins, Add</i>	17.88	
23 82 36 00-0015	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	721.64	89.89
			<i>For 90 Degree Corner, Add</i>	67.62	
			<i>For Valve Enclosure, Add</i>	67.62	
			<i>For Filler Piece, Add</i>	60.62	
			<i>For End Cap, Add</i>	45.45	
			<i>For Copper Tube With Aluminum Fins, Add</i>	23.84	
23 82 36 00-0016	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	898.74	125.85
			<i>For 90 Degree Corner, Add</i>	81.94	
			<i>For Valve Enclosure, Add</i>	81.94	
			<i>For Filler Piece, Add</i>	74.94	
			<i>For End Cap, Add</i>	54.76	
			<i>For Copper Tube With Aluminum Fins, Add</i>	29.65	
23 82 36 00-0017	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	1,073.67	151.20
			<i>For 90 Degree Corner, Add</i>	96.39	
			<i>For Valve Enclosure, Add</i>	96.39	
			<i>For Filler Piece, Add</i>	89.39	
			<i>For End Cap, Add</i>	64.15	
			<i>For Copper Tube With Aluminum Fins, Add</i>	35.30	
23 82 36 00-0018	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	1,231.06	161.34
			<i>For 90 Degree Corner, Add</i>	102.20	
			<i>For Valve Enclosure, Add</i>	102.20	
			<i>For Filler Piece, Add</i>	95.20	
			<i>For End Cap, Add</i>	67.93	
			<i>For Copper Tube With Aluminum Fins, Add</i>	42.35	
23 82 36 00-0019	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	1,356.11	178.28
			<i>For 90 Degree Corner, Add</i>	111.80	
			<i>For Valve Enclosure, Add</i>	111.80	
			<i>For Filler Piece, Add</i>	104.80	
			<i>For End Cap, Add</i>	74.17	
			<i>For Copper Tube With Aluminum Fins, Add</i>	46.59	
23 82 36 00-0020	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	1,551.64	201.68
			<i>For 90 Degree Corner, Add</i>	125.24	
			<i>For Valve Enclosure, Add</i>	125.24	
			<i>For Filler Piece, Add</i>	118.24	
			<i>For End Cap, Add</i>	82.91	
			<i>For Copper Tube With Aluminum Fins, Add</i>	53.65	
23 82 36 00-0021	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element .....	1,711.32	221.84
			<i>For 90 Degree Corner, Add</i>	136.64	
			<i>For Valve Enclosure, Add</i>	136.64	
			<i>For Filler Piece, Add</i>	129.64	
			<i>For End Cap, Add</i>	90.32	
			<i>For Copper Tube With Aluminum Fins, Add</i>	59.30	
<b>23 82 36 00-0022</b>			<b>1-1/4" IPS Steel Tube With Steel Fins</b> <small>(23 82 36 00-0001)</small>		
23 82 36 00-0023	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	499.23	44.95
			<i>For 90 Degree Corner, Add</i>	53.49	
			<i>For Valve Enclosure, Add</i>	53.49	
			<i>For Filler Piece, Add</i>	46.49	
			<i>For End Cap, Add</i>	36.27	
			<i>For Copper Tube With Aluminum Fins, Add</i>	15.50	
23 82 36 00-0024	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	684.61	67.99
			<i>For 90 Degree Corner, Add</i>	62.38	
			<i>For Valve Enclosure, Add</i>	62.38	
			<i>For Filler Piece, Add</i>	55.38	
			<i>For End Cap, Add</i>	42.05	
			<i>For Copper Tube With Aluminum Fins, Add</i>	23.25	
23 82 36 00-0025	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element .....	851.69	89.89
			<i>For 90 Degree Corner, Add</i>	67.62	
			<i>For Valve Enclosure, Add</i>	67.62	
			<i>For Filler Piece, Add</i>	60.62	
			<i>For End Cap, Add</i>	45.45	
			<i>For Copper Tube With Aluminum Fins, Add</i>	31.00	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0026 EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,060.46	125.85
For 90 Degree Corner, Add	81.94	
For Valve Enclosure, Add	81.94	
For Filler Piece, Add	74.94	
For End Cap, Add	54.76	
For Copper Tube With Aluminum Fins, Add	38.54	
23 82 36 00-0027 EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,266.19	151.20
For 90 Degree Corner, Add	96.39	
For Valve Enclosure, Add	96.39	
For Filler Piece, Add	89.39	
For End Cap, Add	64.15	
For Copper Tube With Aluminum Fins, Add	45.88	
23 82 36 00-0028 EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,462.08	161.34
For 90 Degree Corner, Add	102.20	
For Valve Enclosure, Add	102.20	
For Filler Piece, Add	95.20	
For End Cap, Add	67.93	
For Copper Tube With Aluminum Fins, Add	55.06	
23 82 36 00-0029 EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,610.23	178.28
For 90 Degree Corner, Add	111.80	
For Valve Enclosure, Add	111.80	
For Filler Piece, Add	104.80	
For End Cap, Add	74.17	
For Copper Tube With Aluminum Fins, Add	60.57	
23 82 36 00-0030 EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,844.27	201.68
For 90 Degree Corner, Add	125.24	
For Valve Enclosure, Add	125.24	
For Filler Piece, Add	118.24	
For End Cap, Add	82.91	
For Copper Tube With Aluminum Fins, Add	69.74	
23 82 36 00-0031 EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	2,034.75	221.84
For 90 Degree Corner, Add	136.64	
For Valve Enclosure, Add	136.64	
For Filler Piece, Add	129.64	
For End Cap, Add	90.32	
For Copper Tube With Aluminum Fins, Add	77.08	
<b>23 82 36 00-0032 Electric Baseboard Heating</b> <small>(23 82 36)</small>		
Note: Includes 24 gauge steel enclosure and heating element		
<b>23 82 36 00-0033 Electric Wall Heating 10" Enclosure</b> <small>(23 82 36 00-0032)</small>		
23 82 36 00-0034 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT .....	138.94	63.99
23 82 36 00-0035 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT .....	141.99	63.99
<b>23 82 36 00-0036 Electric Wall Heating 16" Enclosure</b> <small>(23 82 36 00-0032)</small>		
23 82 36 00-0037 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT .....	169.37	63.99
23 82 36 00-0038 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT .....	176.98	63.99
<b>23 82 39 Unit Heaters</b> <small>(23 82)</small>		
<b>23 82 39 13 Cabinet Unit Heaters</b> <small>(23 82 39)</small>		
<b>23 82 39 13-0001 Electric Cabinet Unit Heaters</b> <small>(23 82 39 13)</small>		
Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
<b>23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length</b> <small>(23 82 39 13-0001)</small>		
23 82 39 13-0003 EA 2 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,062.82	145.43
Note: Wall or floor mounted.		
23 82 39 13-0004 EA 3 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,087.15	145.43
Note: Wall or floor mounted.		
23 82 39 13-0005 EA 4 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,111.48	145.43
Note: Wall or floor mounted.		
23 82 39 13-0006 EA 5 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,135.79	145.43
Note: Wall or floor mounted.		
23 82 39 13-0007 EA 6 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,160.12	145.43
Note: Wall or floor mounted.		
23 82 39 13-0008 EA 7 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,184.45	145.43
Note: Wall or floor mounted.		
23 82 39 13-0009 EA 8 KW, 250 CFM, 35" Electric Cabinet Unit Heater .....	3,209.74	145.43
23 82 39 13-0010 EA For Ceiling Installation of 35" Cabinet Unit Heater, Add .....	194.29	96.57
<b>23 82 39 13-0011 Electric Cabinet Unit Heaters, 45" Cabinet Length</b> <small>(23 82 39 13-0001)</small>		
23 82 39 13-0012 EA 4 KW, 500 CFM, 45" Electric Cabinet Unit Heater .....	3,252.35	174.51
Note: Wall or floor mounted.		
23 82 39 13-0013 EA 6 KW, 500 CFM, 45" Electric Cabinet Unit Heater .....	3,301.01	174.51
Note: Wall or floor mounted.		
23 82 39 13-0014 EA 8 KW, 500 CFM, 45" Electric Cabinet Unit Heater .....	3,349.64	174.51
Note: Wall or floor mounted.		
23 82 39 13-0015 EA 10 KW, 500 CFM, 45" Electric Cabinet Unit Heater .....	3,398.30	174.51
Note: Wall or floor mounted.		



**23 Heating, Ventilating, and Air-Conditioning (HVAC)****23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 82 39 13-0016	EA	12 KW, 500 CFM, 45" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	3,446.94	174.51
23 82 39 13-0017	EA	14 KW, 500 CFM, 45" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	3,495.60	174.51
23 82 39 13-0018	EA	16 KW, 500 CFM, 45" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	3,544.24	174.51
23 82 39 13-0019	EA	For Ceiling Installation of 45" Cabinet Unit Heater, Add .....	232.69	116.35
<b>23 82 39 13-0020</b>		<b>Electric Cabinet Unit Heaters, 58" Cabinet Length</b> <small>(23 82 39 13-0001)</small>		
23 82 39 13-0021	EA	6 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,081.87	232.69
23 82 39 13-0022	EA	8 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,130.50	232.69
23 82 39 13-0023	EA	10 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,179.16	232.69
23 82 39 13-0024	EA	12 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,227.80	232.69
23 82 39 13-0025	EA	14 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,276.46	232.69
23 82 39 13-0026	EA	16 KW, 750 CFM, 58" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,325.10	232.69
23 82 39 13-0027	EA	For Ceiling Installation of 58" Cabinet Unit Heater, Add .....	290.86	145.43
<b>23 82 39 13-0028</b>		<b>Electric Cabinet Unit Heaters, 68" Cabinet Length</b> <small>(23 82 39 13-0001)</small>		
23 82 39 13-0029	EA	6 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,814.11	290.86
23 82 39 13-0030	EA	9 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,887.08	290.86
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	4,960.04	290.86
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,033.01	290.86
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,106.00	290.86
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,178.97	290.86
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,251.93	290.86
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add .....	388.59	194.29
<b>23 82 39 13-0037</b>		<b>Electric Cabinet Unit Heaters, 78" Cabinet Length</b> <small>(23 82 39 13-0001)</small>		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,643.63	349.04
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,740.93	349.04
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,838.22	349.04
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	5,935.52	349.04
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	6,032.81	349.04
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	6,130.11	349.04
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater ..... Note: Wall or floor mounted.	6,227.41	349.04
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add .....	465.37	232.69
<b>23 82 39 13-0046</b>		<b>Removal and Reinstallation of Cabinet Unit Heaters</b> <small>(23 82 39 13)</small>		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall.....	316.92	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall .....	547.42	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling .....	653.44	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling .....	883.92	
<b>23 82 39 16</b>		<b>Propeller Unit Heaters</b> <small>(23 82 39)</small>		
<b>23 82 39 16-0001</b>		<b>Hydronic Unit Heaters Using Steam Or Hot Water</b> <small>(23 82 39 16)</small>		
		Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
<b>23 82 39 16-0002</b>		<b>Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt</b> <small>(23 82 39 16-0001)</small>		
23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,281.40	115.24
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,284.26	115.24
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,449.03	115.24
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,735.76	172.87
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,820.06	172.87
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	1,945.59	172.87
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,307.95	230.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 16-0010 EA 96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,560.86	230.49
23 82 39 16-0011 EA 108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,721.80	230.49
23 82 39 16-0012 EA 120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	2,852.08	230.49
23 82 39 16-0013 EA 132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,185.73	288.11
23 82 39 16-0014 EA 144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,229.82	288.11
23 82 39 16-0015 EA 156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,271.97	288.11
23 82 39 16-0016 EA 180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,438.88	345.74
23 82 39 16-0017 EA 204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	3,768.42	345.74
23 82 39 16-0018 EA 240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	4,288.10	403.36
23 82 39 16-0019 EA 280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,481.71	403.36
23 82 39 16-0020 EA 300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	5,792.29	460.98
23 82 39 16-0021 EA 360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt .....	7,018.50	460.98
23 82 39 16-0022 EA Fan Guard For Fan Propelled Steam Unit Heater, Horizontal .....	268.82	28.81
Note: Required only for unit heaters located within 7' of a working surface.		
<b>23 82 39 16-0023 Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)</b>		
23 82 39 16-0024 EA 41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	1,848.82	115.24
23 82 39 16-0025 EA 65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	1,939.82	172.87
23 82 39 16-0026 EA 80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	2,105.56	172.87
23 82 39 16-0027 EA 101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	2,566.63	230.49
23 82 39 16-0028 EA 124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	2,729.46	230.49
23 82 39 16-0029 EA 152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	3,143.82	345.74
23 82 39 16-0030 EA 173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	3,392.90	345.74
23 82 39 16-0031 EA 210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	3,601.76	345.74
23 82 39 16-0032 EA 249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	4,002.60	403.36
23 82 39 16-0033 EA 283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	4,249.78	403.36
23 82 39 16-0034 EA 333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	4,749.82	403.36
23 82 39 16-0035 EA 386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	5,436.21	518.59
23 82 39 16-0036 EA 496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	7,099.25	518.59
23 82 39 16-0037 EA 585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	7,608.89	518.59
23 82 39 16-0038 EA 705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt .....	8,678.28	576.21
23 82 39 16-0039 EA Fan Guard For Fan Propelled Steam Unit Heater, Vertical .....	371.32	28.81
Note: Required only for unit heaters located within 7' of a working surface.		
<b>23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters (23 82 39 16)</b>		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 16-0041 EA Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical .....	691.46	
23 82 39 16-0042 EA Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical .....	921.95	
<b>23 82 39 19 Wall and Ceiling Unit Heaters (23 82 39)</b>		
<b>23 82 39 19-0001 Electric Unit Heaters (23 82 39 19)</b>		
Note: May be mounted both vertically and horizontally.		
23 82 39 19-0002 EA 3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	882.01	116.35
23 82 39 19-0003 EA 5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	882.01	116.35
23 82 39 19-0004 EA 7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	1,184.62	145.43
23 82 39 19-0005 EA 10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	1,357.59	174.51
23 82 39 19-0006 EA 15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt .....	1,984.08	232.69
23 82 39 19-0007 EA 20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt .....	2,897.07	290.86
23 82 39 19-0008 EA 30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt .....	4,006.28	349.04
23 82 39 19-0009 EA 50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt .....	5,870.98	407.21
23 82 39 19-0010 EA 3 KW, 350 CFM Electric Unit Heater - 480 Volt .....	1,093.10	116.35
23 82 39 19-0011 EA 5 KW, 350 CFM Electric Unit Heater - 480 Volt .....	1,051.89	116.35
23 82 39 19-0012 EA 7.5 KW, 650 CFM Electric Unit Heater - 480 Volt .....	1,244.95	145.43
23 82 39 19-0013 EA 10 KW, 650 CFM Electric Unit Heater - 480 Volt .....	1,436.07	174.51
23 82 39 19-0014 EA 15 KW, 910 CFM Electric Unit Heater - 480 Volt .....	2,141.05	232.69
<b>23 82 39 19-0015 Electric Ceiling and Wall Heaters (23 82 39 19)</b>		
Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
23 82 39 19-0016 EA 1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater .....	400.71	72.72
23 82 39 19-0017 EA 1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater .....	469.32	81.44
23 82 39 19-0018 EA 3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater .....	740.07	81.44
23 82 39 19-0019 EA 1,500 Watt Surface Mounted Wall Heater .....	754.56	116.35
23 82 39 19-0020 EA 2,000 Watt Surface Mounted Wall Heater .....	768.40	93.07
For Thermostat, SPST, Range 45 To 90 Degrees, Add	75.00	
23 82 39 19-0021 EA 2,500 Watt Surface Mounted Wall Heater .....	898.48	93.07
For Thermostat, SPST, Range 45 To 90 Degrees, Add	75.00	
23 82 39 19-0022 EA 3,000 Watt Surface Mounted Wall Heater .....	971.35	116.35
For Thermostat, SPST, Range 45 To 90 Degrees, Add	75.00	
23 82 39 19-0023 EA 4,000 Watt Surface Mounted Wall Heater .....	1,040.98	133.22
For Thermostat, SPST, Range 45 To 90 Degrees, Add	75.00	
23 82 39 19-0024 EA 1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater .....	456.31	72.72
23 82 39 19-0025 EA 1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater .....	557.08	81.44
23 82 39 19-0026 EA 3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater .....	843.14	81.44
23 82 39 19-0027 EA 1,500 Watt Recessed Wall Heater .....	754.56	116.35

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

**23 80 Decentralized Unitary HVAC Equipment**

**23 82 Convection Heating and Cooling Units**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 19-0028	EA		2,000 Watt Recessed Wall Heater..... <i>For Thermostat, STSP, Range 45 To 90 Degrees, Add</i>	832.38 75.00	122.16
23 82 39 19-0029	EA		2,500 Watt Recessed Wall Heater..... <i>For Thermostat, STSP, Range 45 To 90 Degrees, Add</i>	921.74 75.00	133.22
23 82 39 19-0030	EA		3,000 Watt Recessed Wall Heater..... <i>For Thermostat, STSP, Range 45 To 90 Degrees, Add</i>	1,013.70 75.00	155.32
23 82 39 19-0031	EA		4,000 Watt Recessed Wall Heater..... <i>For Thermostat, STSP, Range 45 To 90 Degrees, Add</i>	1,083.35 75.00	172.19
23 82 39 19-0032	EA		1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater..... <i>For Surface Mounted Enclosure, Add</i> <i>For Thermostat, SPST, Range 45-90 Degrees, Add</i>	674.40 203.25 75.00	95.98
23 82 39 19-0033	EA		3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater..... <i>For Surface Mounted Enclosure, Add</i> <i>For Thermostat, SPST, Range 45-90 Degrees, Add</i>	1,245.83 203.25 75.00	101.80
23 82 39 19-0034	EA		4,800/3,600 Watt Surface Mounted Electric Ceiling Heater..... <i>For Surface Mounted Enclosure, Add</i> <i>For Thermostat, SPST, Range 45-90 Degrees, Add</i>	1,388.91 203.25 75.00	101.80
23 82 39 19-0035	EA		Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB).....	660.67	72.72

**23 82 39 19-0036 Removal And Reinstallation Of Electric Unit Heaters** <sup>(23 82 39 19)</sup>  
 Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.

23 82 39 19-0037	EA		Removal And Reinstallation Of Up To 15KW Electric Unit Heater.....	414.90	
23 82 39 19-0038	EA		Removal And Reinstallation Of >15 KW Electric Unit Heater .....	852.90	

**23 83 Radiant Heating Units** <sup>(23 80)</sup>

**23 83 13 Radiant-Heating Electric Cables** <sup>(23 83)</sup>

**23 83 13 13 Radiant-Heating Electric Cables** <sup>(23 83 13)</sup>

**23 83 13 13-0001 Self Regulating Heating Cable** <sup>(23 83 13 13)</sup>

23 83 13 13-0002	LF		3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 Degrees F.	9.05	0.81
23 83 13 13-0003	LF		5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 degrees F.	9.65	0.81
23 83 13 13-0004	LF		8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 degrees F.	10.08	0.81
23 83 13 13-0005	LF		3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 degrees F.	9.05	0.81
23 83 13 13-0006	LF		5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 degrees F.	10.68	0.81
23 83 13 13-0007	LF		8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable ..... Note: Tinned copper braid, at 50 degrees F.	11.29	0.81
23 83 13 13-0008	LF		3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 Degrees F.	11.28	0.81
23 83 13 13-0009	LF		5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 degrees F.	11.56	0.81
23 83 13 13-0010	LF		8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 degrees F.	11.84	0.81
23 83 13 13-0011	LF		3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 degrees F.	11.28	0.81
23 83 13 13-0012	LF		5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 degrees F.	11.56	0.81
23 83 13 13-0013	LF		8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions ..... Note: Tinned copper braid, at 50 degrees F.	11.84	0.81
23 83 13 13-0014	LF		3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 Degrees F.	14.08	0.81
23 83 13 13-0015	LF		5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.64	0.81
23 83 13 13-0016	LF		8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.92	0.81
23 83 13 13-0017	LF		3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.08	0.81
23 83 13 13-0018	LF		5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.64	0.81
23 83 13 13-0019	LF		8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.92	0.81
23 83 13 13-0020	EA		Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable .....	322.69	63.86
23 83 13 13-0021	EA		Splice And Tee Kit For Self Regulating Low Temperature Heating Cable .....	322.69	63.86



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

23 83 13 13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable .....	218.20	11.61
23 83 13 13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable .....	591.96	29.03
23 83 13 13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable .....	652.61	29.03

## 23 84 Humidity Control Equipment (23 80)

### 23 84 13 Humidifiers (23 84)

#### 23 84 13 16 Wetted-Element Humidifiers (23 84 13)

23 84 13 16-0001		Electric Steam Humidifiers, Self-Steam Producing <small>(23 84 13 16)</small> Note: Electronic modulating duct or air handling unit installation 208V-108V with 12" to 72" manifolds included.		
23 84 13 16-0002	EA	1-96 Lb./Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold .....	13,254.59	474.81
23 84 13 16-0003	EA	20-168 Lb./Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold .....	16,822.26	475.95

#### 23 84 13 23 Direct-Steam-Injection Humidifiers (23 84 13)

23 84 13 23-0001		Steam Type Pneumatically Controlled <small>(23 84 13 23)</small> Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA	3-191 Lb./Hour Steam Humidifier, 24" Manifold, Pneumatic Controls .....	2,111.99	304.24
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	648.96	
23 84 13 23-0003	EA	3-191 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls .....	2,111.99	304.24
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	648.96	
23 84 13 23-0004	EA	65-334 Lb./Hour Steam Humidifier, 36" Manifold, Pneumatic Controls .....	3,050.66	304.24
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	930.56	
23 84 13 23-0005	EA	65-334 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls .....	3,165.89	380.31
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	968.97	
23 84 13 23-0006	EA	100-690 Lb./Hour Steam Humidifier, 48" Manifold, Pneumatic Controls .....	4,594.07	304.24
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	1,393.59	
23 84 13 23-0007	EA	100-690 Lb./Hour Steam Humidifier, 84" Manifold, Pneumatic Controls .....	4,709.30	380.31
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	1,432.00	
23 84 13 23-0008	EA	220-2,000 Lb./Hour Steam Humidifier, 72" Manifold, Pneumatic Controls .....	7,120.89	380.31
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	2,155.47	
23 84 13 23-0009	EA	220-2,000 Lb./Hour Steam Humidifier, 144" Manifold, Pneumatic Controls .....	7,264.95	475.95
		<i>For Electrically Controlled Unit, Add</i>	700.00	
		<i>For Each Additional Manifold, Add</i>	2,203.49	

#### 23 84 13 29 Self-Contained Steam Humidifiers (23 84 13)

23 84 13 29-0001		Residential Humidifiers <small>(23 84 13 29)</small> Note: Includes solenoid valve and flow through water supply.		
23 84 13 29-0002	EA	Duct Or Furnace Mounted Humidifier, Residential Type .....	601.50	57.62

### 23 84 16 Mechanical Dehumidification Units (23 84)

#### 23 84 16 16 Indoor, Mechanical Dehumidification Units (23 84 16)

23 84 16 16-0001		Mechanical Dehumidification Units <small>(23 84 16 16)</small> Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002	EA	65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier .....	2,348.71	58.17
23 84 16 16-0003	EA	90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier .....	2,957.31	67.86
23 84 16 16-0004	EA	120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier .....	3,969.87	77.56

#### 23 84 16 33 Portable Dehumidifiers (23 84 16)

23 84 16 33-0001		Self Contained Free Standing Unit <small>(23 84 16 33)</small> Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002	EA	30 Pint/24 Hour Dehumidifier .....	517.45	125.91
23 84 16 33-0003	EA	50 Pint/24 Hour Dehumidifier .....	626.96	125.91
23 84 16 33-0004	EA	70 Pint/24 Hour Dehumidifier .....	692.67	125.91

END OF SECTION 23

**23 Heating, Ventilating, and Air-Conditioning (HVAC)**

23 80 Decentralized Unitary HVAC Equipment

23 84 Humidity Control Equipment

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**THIS PAGE INTENTIONALLY LEFT BLANK**





<b>Integrated Automation</b>	<b>25</b>	<b>25</b>
Integrated Automation Facility Controls	25 50	
Integrated Automation Control of HVAC	25 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 25 Integrated Automation

### 25 50 Integrated Automation Facility Controls (25)

#### 25 55 Integrated Automation Control of HVAC (25 50)

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

25	<b>25</b>	<b>Integrated Automation</b>
	25 50	Integrated Automation Facility Controls
	25 55	Integrated Automation Control of HVAC



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

## 26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels.

### 26 01 Operation and Maintenance of Electrical Systems <sup>(26)</sup>

#### 26 01 10 Operation and Maintenance of Medium-Voltage Electrical

##### Distribution <sup>(26 01)</sup>

##### 26 01 10 91 Medium-Voltage Electrical Distribution Restoration <sup>(26 01 10)</sup>

##### 26 01 10 91-0001 Retrofit Distribution Enclosures <sup>(26 01 10 91)</sup>

Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.

26 01 10 91-0002	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C) .....	524.16
		Note: 2mm thick, aluminum frame, hinged cover.	
		<i>For Up To 20, Add</i>	113.21
		<i>For &gt;20 To 50, Add</i>	90.57
		<i>For &gt;50 To 100, Add</i>	45.28
26 01 10 91-0003	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C) .....	686.46
		Note: 2mm thick, aluminum frame, hinged cover.	
		<i>For Up To 20, Add</i>	153.78
		<i>For &gt;20 To 50, Add</i>	123.03
		<i>For &gt;50 To 100, Add</i>	61.51
26 01 10 91-0004	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C) .....	1,043.53
		Note: 4mm thick, aluminum frame, hinged cover.	
		<i>For Up To 20, Add</i>	243.05
		<i>For &gt;20 To 50, Add</i>	194.44
		<i>For &gt;50 To 100, Add</i>	97.22
26 01 10 91-0005	EA	2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2) .....	522.39
		Note: 2mm thick, aluminum frame, twist cover.	
		<i>For Up To 20, Add</i>	112.77
		<i>For &gt;20 To 50, Add</i>	90.21
		<i>For &gt;50 To 100, Add</i>	45.11
26 01 10 91-0006	EA	3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3) .....	673.24
		Note: 2mm thick, aluminum frame, twist cover.	
		<i>For Up To 20, Add</i>	150.48
		<i>For &gt;20 To 50, Add</i>	120.38
		<i>For &gt;50 To 100, Add</i>	60.19
26 01 10 91-0007	EA	4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4) .....	1,014.18
		Note: 4mm thick, aluminum frame, twist cover.	
		<i>For Up To 20, Add</i>	235.71
		<i>For &gt;20 To 50, Add</i>	188.57
		<i>For &gt;50 To 100, Add</i>	94.29
26 01 10 91-0008	EA	2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR) .....	407.30
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		<i>For Up To 20, Add</i>	83.99
		<i>For &gt;20 To 50, Add</i>	67.19
		<i>For &gt;50 To 100, Add</i>	33.60
26 01 10 91-0009	EA	3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR) .....	582.59
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		<i>For Up To 20, Add</i>	127.82
		<i>For &gt;20 To 50, Add</i>	102.25
		<i>For &gt;50 To 100, Add</i>	51.13
26 01 10 91-0010	EA	4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR) .....	838.22
		Note: 0.25mm thick, composite frame, metal grille reinforced polymer.	
		<i>For Up To 20, Add</i>	191.72
		<i>For &gt;20 To 50, Add</i>	153.38
		<i>For &gt;50 To 100, Add</i>	76.69
26 01 10 91-0011	EA	2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) .....	762.37
		Note: 4mm thick, aluminum frame, magnetic cover.	
		<i>For Up To 20, Add</i>	172.76
		<i>For &gt;20 To 50, Add</i>	138.21
		<i>For &gt;50 To 100, Add</i>	69.10
26 01 10 91-0012	EA	3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) .....	1,055.64
		Note: 4mm thick, aluminum frame, magnetic cover.	
		<i>For Up To 20, Add</i>	246.08
		<i>For &gt;20 To 50, Add</i>	196.86
		<i>For &gt;50 To 100, Add</i>	98.43
26 01 10 91-0013	EA	4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) .....	1,951.37
		Note: 4mm thick, aluminum frame, magnetic cover.	
		<i>For Up To 20, Add</i>	470.01
		<i>For &gt;20 To 50, Add</i>	376.01
		<i>For &gt;50 To 100, Add</i>	188.00

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 01 10 91-0014	EA	3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR).....	878.93
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	201.90
		For >20 To 50, Add	161.52
		For >50 To 100, Add	80.76
26 01 10 91-0015	EA	4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR).....	1,303.57
		Note: 4mm thick, aluminum frame, magnetic cover.	
		For Up To 20, Add	308.06
		For >20 To 50, Add	246.45
		For >50 To 100, Add	123.22

## 26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution (26 01)

### 26 01 20 91 Low-Voltage Electrical Distribution Restoration (26 01 20)

26 01 20 91-0001		Lock Out/Tag Out Devices <small>(26 01 20 91)</small>	
		Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.	
26 01 20 91-0002	EA	Lock Out/Tag Out Local Disconnect.....	41.80
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0003	EA	Lock Out/Tag Out Breaker Or Motor Starter.....	41.80
		Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	
26 01 20 91-0004	EA	Lock Out Padlock Device.....	11.61
		Note: Includes the installation and removal of pad lock when required	
26 01 20 91-0005	EA	Lock Out Tags.....	4.88
		Note: Includes filling out tag information, installation and removal of identifying tags.	
26 01 20 91-0006		Existing Circuit Tracing <small>(26 01 20 91)</small>	
26 01 20 91-0007	EA	Motors, Disconnects And Other Single Source Devices, Existing Circuit Tracing Per Device.....	24.15
26 01 20 91-0008	EA	Lighting, Existing Circuit Tracing Per Circuit.....	24.15

## 26 01 50 Operation and Maintenance of Lighting (26 01)

### 26 01 50 51 Luminaire Relamping (26 01 50)

26 01 50 51-0001		Replace Lamps In Existing Fixtures <small>(26 01 50 51)</small>	
		Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.	
26 01 50 51-0002		Halogen Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0003	EA	300 Watt, T3, Tungsten Halogen Lamp.....	53.15
26 01 50 51-0004	EA	500 Watt, T3, Tungsten Halogen Lamp.....	68.73
26 01 50 51-0005	EA	1,000 Watt, T3, Tungsten Halogen Lamp.....	102.90
26 01 50 51-0006	EA	60 Watt, PAR38, Halogen Lamp.....	25.77
26 01 50 51-0007	EA	75 Watt, PAR38, Halogen Lamp.....	25.77
26 01 50 51-0008	EA	90 Watt, PAR38, Halogen Lamp.....	24.38
26 01 50 51-0009	EA	100 Watt, PAR38, Halogen Lamp.....	24.38
26 01 50 51-0010	EA	60 Watt, PAR38, Halogen IR Reflective Lamp.....	36.66
26 01 50 51-0011	EA	67 Watt, PAR38, Halogen IR Reflective Lamp.....	40.39
26 01 50 51-0012	EA	70 Watt, PAR38, Halogen IR Reflective Lamp.....	39.43
26 01 50 51-0013	EA	90 Watt, PAR38, Halogen IR Reflective Lamp.....	42.28
26 01 50 51-0014	EA	100 Watt, PAR38, Halogen IR Reflective Lamp.....	42.88
26 01 50 51-0015		Incandescent Lamps <small>(26 01 50 51-0001)</small>	
26 01 50 51-0016	EA	100 Watt, Frosted, Interior Incandescent Lamp.....	6.67
		For Removal Of Multiple Lamps In A Fixture, Deduct	-1.92
26 01 50 51-0017	EA	150 Watt, Frosted, Interior Incandescent Lamp.....	8.43
		For Removal Of Multiple Lamps In A Fixture, Deduct	-1.92
26 01 50 51-0018	EA	200 Watt, Frosted, Interior Incandescent Lamp.....	10.40
		For Removal Of Multiple Lamps In A Fixture, Deduct	-1.92
26 01 50 51-0019	EA	300 Watt, PS25, Interior Incandescent Lamp.....	12.89
		For Removal Of Multiple Lamps In A Fixture, Deduct	-1.92
26 01 50 51-0020	EA	60 Watt, G25, Clear, Interior Incandescent Lamp.....	9.54
		For Removal Of Multiple Lamps In A Fixture, Deduct	-1.92
26 01 50 51-0021	EA	75 Watt, R20, Interior Incandescent Lamp.....	15.31
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.31
26 01 50 51-0022	EA	75 Watt, PAR38, Exterior Incandescent Lamp.....	18.79
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.31
26 01 50 51-0023	EA	100 Watt, PAR38, Exterior Incandescent Lamp.....	17.40
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.31
26 01 50 51-0024	EA	150 Watt, PAR38, Exterior Incandescent Lamp.....	30.60
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.31
26 01 50 51-0025	EA	250 Watt, PAR38, Exterior Incandescent Lamp.....	63.74
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.69
26 01 50 51-0026	EA	300 Watt, PAR56, Exterior Incandescent Lamp.....	73.43
		For Removal Of Multiple Lamps In A Fixture, Deduct	-2.69



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 01 50 51-0027    Exit Light Lamps</b> <small>(26 01 50 51-0001)</small>						
	26 01 50 51-0028	EA		Convert Exit Light Lamps To Red LED Lamps ..... 112.26		
				<i>For Green LED Lamps, Add</i> ..... 25.00		
	26 01 50 51-0029	EA		Fluorescent Lamp For Exit Light ..... 32.03		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -7.69		
	26 01 50 51-0030	EA		Lamp Replacement For Emergency Lights On Exit Sign ..... 43.24		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.84		
<b>26 01 50 51-0031    Fluorescent Lamps</b> <small>(26 01 50 51-0001)</small>						
	26 01 50 51-0032	EA		18", 15 Watt, T8 Fluorescent Lamp ..... 12.44		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0033	EA		2", 17 Watt, T8 Fluorescent Lamp ..... 15.15		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0034	EA		3", 25 Watt, T8 Fluorescent Lamp ..... 17.43		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0035	EA		4", 32 Watt, T8 Fluorescent Lamp ..... 17.26		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0036	EA		4", 30 Watt, T8 Fluorescent Lamp ..... 22.09		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0037	EA		4", 28 Watt, T8 Fluorescent Lamp ..... 19.25		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0038	EA		4", 25 Watt, T8 Fluorescent Lamp ..... 19.14		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0039	EA		4", 44 Watt, T8HO Fluorescent Lamp ..... 31.38		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0040	EA		8", 59 Watt, T8 Fluorescent Lamp ..... 23.69		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0041	EA		18", 15 Watt, T12 Fluorescent Lamp ..... 19.26		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0042	EA		2", 20 Watt, T12 Fluorescent Lamp ..... 14.37		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0043	EA		3", 30 Watt, T12 Fluorescent Lamp ..... 16.14		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0044	EA		4", 34 Watt, T12 Fluorescent Lamp ..... 16.23		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0045	EA		4", 40 Watt, T12 Fluorescent Lamp ..... 15.88		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0046	EA		8", 60 Watt, T12 Fluorescent Lamp ..... 24.32		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0047	EA		8", 75 Watt, T12 Fluorescent Lamp ..... 20.38		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0048	EA		6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp ..... 19.50		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0049	EA		8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp ..... 15.88		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0050	EA		12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp ..... 15.33		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0051	EA		16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp ..... 17.06		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0052	EA		32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp ..... 28.56		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.84		
	26 01 50 51-0053	EA		40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp ..... 27.50		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.84		
	26 01 50 51-0054	EA		6", 4 Watt, T5 Fluorescent Lamp ..... 13.91		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0055	EA		9", 6 Watt, T5 Fluorescent Lamp ..... 13.66		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0056	EA		12", 8 Watt, T5 Fluorescent Lamp ..... 14.13		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0057	EA		21", 13 Watt, T5 Fluorescent Lamp ..... 14.82		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0058	EA		24", 14 Watt, T5 Fluorescent Lamp ..... 17.22		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.07		
	26 01 50 51-0059	EA		34", 21 Watt, T5 Fluorescent Lamp ..... 18.70		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0060	EA		46", 28 Watt, T5 Fluorescent Lamp ..... 18.08		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0061	EA		46", 54 Watt, T5HO Fluorescent Lamp ..... 19.87		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -3.46		
	26 01 50 51-0062	EA		5-13 Watt, 2-Pin Compact Fluorescent Lamp ..... 11.15		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -1.92		
	26 01 50 51-0063	EA		9-26 Watt, 4-Pin Compact Fluorescent Lamp ..... 12.39		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -1.92		
	26 01 50 51-0064	EA		27-55 Watt, 4-Pin Compact Fluorescent Lamp ..... 26.10		
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i> ..... -1.92		
	26 01 50 51-0065	EA		<9 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 11.54		
	26 01 50 51-0066	EA		9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 9.89		
	26 01 50 51-0067	EA		29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 10.40		
	26 01 50 51-0068	EA		33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 44.60		
	26 01 50 51-0069	EA		43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 48.70		
	26 01 50 51-0070	EA		85 Watt, Screw-In, Spiral Compact Fluorescent Lamps ..... 93.26		



**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0071 EA 105 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	111.83	
26 01 50 51-0072 EA 200 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	115.60	
26 01 50 51-0073 EA 11 Watt, Screw-In, Compact Fluorescent Reflector Lamps .....	41.46	
26 01 50 51-0074 EA 15 Watt, Screw-In, Compact Fluorescent Reflector Lamps .....	43.28	
26 01 50 51-0075 EA 20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps .....	50.08	
<b>26 01 50 51-0076 Metal Halide Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0077 EA 50 Watt, Pulse Start Metal Halide Lamp .....	49.42	
26 01 50 51-0078 EA 70 Watt, Pulse Start Metal Halide Lamp .....	47.20	
26 01 50 51-0079 EA 100 Watt, Pulse Start Metal Halide Lamp .....	54.21	
26 01 50 51-0080 EA 150 Watt, Pulse Start Metal Halide Lamp .....	52.62	
26 01 50 51-0081 EA 175 Watt, Pulse Start Metal Halide Lamp .....	52.16	
26 01 50 51-0082 EA 250 Watt, Pulse Start Metal Halide Lamp .....	52.47	
26 01 50 51-0083 EA 400 Watt, Pulse Start Metal Halide Lamp .....	63.63	
26 01 50 51-0084 EA 1,000 Watt, Pulse Start Metal Halide Lamp .....	74.34	
26 01 50 51-0085 EA 1,500 Watt, Pulse Start Metal Halide Lamp .....	73.90	
<b>26 01 50 51-0086 High Pressure Sodium Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0087 EA 35 Watt, High Pressure Sodium Lamp .....	40.39	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0088 EA 50 Watt, High Pressure Sodium Lamp .....	40.39	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0089 EA 70 Watt, High Pressure Sodium Lamp .....	41.34	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0090 EA 100 Watt, High Pressure Sodium Lamp .....	43.16	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0091 EA 150 Watt, High Pressure Sodium Lamp .....	41.34	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0092 EA 250 Watt, High Pressure Sodium Lamp .....	41.34	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0093 EA 400 Watt, High Pressure Sodium Lamp .....	38.63	
For Enclosed And Gasket Light Fixtures, Add .....	2.96	
26 01 50 51-0094 EA 1,000 Watt, High Pressure Sodium Lamp .....	92.12	
<b>26 01 50 51-0095 Low Pressure Sodium Lamps (26 01 50 51-0001)</b>		
26 01 50 51-0096 EA 35 Watt, Low Pressure Sodium Lamp.....	106.15	
26 01 50 51-0097 EA 55 Watt, Low Pressure Sodium Lamp.....	118.71	
26 01 50 51-0098 EA 70 Watt, Low Pressure Sodium Lamp.....	121.54	
26 01 50 51-0099 EA 90 Watt, Low Pressure Sodium Lamp.....	124.37	
26 01 50 51-0100 EA 135 Watt, Low Pressure Sodium Lamp.....	135.68	
26 01 50 51-0101 EA 180 Watt, Low Pressure Sodium Lamp.....	186.60	
<b>26 01 50 51-0102 LED Lamps (26 01 50 51-0001)</b>		
<b>26 01 50 51-0103 LED Lamps, Candelabra Base, CA10 (26 01 50 51-0102)</b>		
26 01 50 51-0104 EA 3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star) .....	19.31	
<b>26 01 50 51-0105 LED Lamps, Medium Base, A19 Or A21 (26 01 50 51-0102)</b>		
26 01 50 51-0106 EA 6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) .....	26.67	
26 01 50 51-0107 EA 11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) .....	26.67	
26 01 50 51-0108 EA 14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star) .....	46.43	
26 01 50 51-0109 EA 17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star) .....	31.66	
26 01 50 51-0110 EA 18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star) .....	58.78	
<b>26 01 50 51-0111 LED Lamps, Medium Base, BR30 Or BR40 (26 01 50 51-0102)</b>		
26 01 50 51-0112 EA 9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star) .....	35.62	
26 01 50 51-0113 EA 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star) .....	31.45	
26 01 50 51-0114 EA 11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) .....	42.54	
26 01 50 51-0115 EA 14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) .....	35.15	
26 01 50 51-0116 EA 14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) .....	47.47	
26 01 50 51-0117 EA 18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star) .....	35.15	
<b>26 01 50 51-0118 LED Lamps, Medium Base, PAR (26 01 50 51-0102)</b>		
26 01 50 51-0119 EA 7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star) .....	39.57	
26 01 50 51-0120 EA 12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star) .....	54.91	
26 01 50 51-0121 EA 16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) .....	54.91	
26 01 50 51-0122 EA 15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) .....	52.44	
26 01 50 51-0123 EA 12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star) .....	49.97	
26 01 50 51-0124 EA 15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star) .....	49.97	
26 01 50 51-0125 EA 18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star) .....	99.85	
26 01 50 51-0126 EA 15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) .....	54.91	
26 01 50 51-0127 EA 18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) .....	52.44	
26 01 50 51-0128 EA 19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star) .....	54.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0129 EA 24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star) .....	54.91	
<b>26 01 50 51-0130 LED Lamps, GU Base, MR16</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0131 EA 4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star).....	26.51	
26 01 50 51-0132 EA 6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star) .....	35.62	
26 01 50 51-0133 EA 8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star) .....	39.57	
<b>26 01 50 51-0134 LED Lamps, PL Series</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0135 EA 3.5 Watt, 2-Pin CFL G23 Base , Hybrid Lamp (GreenCreative PLS 3.5 HYB G23).....	15.73	
26 01 50 51-0136 EA 26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/827/DIR).....	20.93	
26 01 50 51-0137 EA 26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/830/DIR).....	17.93	
26 01 50 51-0138 EA 26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/835/DIR).....	19.81	
26 01 50 51-0139 EA 26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/840/DIR).....	19.81	
26 01 50 51-0140 EA 26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 10.5PLH/930/DIR) .....	23.18	
26 01 50 51-0141 EA 13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/827/DIR) .....	19.81	
26 01 50 51-0142 EA 13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/830/DIR) .....	19.81	
26 01 50 51-0143 EA 13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/835/DIR) .....	19.81	
26 01 50 51-0144 EA 13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/840/DIR) .....	19.81	
26 01 50 51-0145 EA 26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 10PLV/827/DIR).....	22.06	
26 01 50 51-0146 EA 26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/830/DIR).....	22.06	
26 01 50 51-0147 EA 26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 10PLV/835/DIR).....	22.06	
26 01 50 51-0148 EA 26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/840/DIR).....	22.06	
26 01 50 51-0149 EA 26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 11PLV/930/DIR) .....	20.93	
26 01 50 51-0150 EA 13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/827/DIR).....	20.93	
26 01 50 51-0151 EA 13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/830/DIR).....	20.93	
26 01 50 51-0152 EA 13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/835/DIR).....	21.68	
26 01 50 51-0153 EA 13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/840/DIR).....	21.68	
26 01 50 51-0154 EA 26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP).....	21.85	
26 01 50 51-0155 EA 26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP).....	21.85	
26 01 50 51-0156 EA 26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP).....	21.85	
26 01 50 51-0157 EA 26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP).....	21.85	
26 01 50 51-0158 EA 13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP).....	22.43	
26 01 50 51-0159 EA 13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP).....	22.43	
26 01 50 51-0160 EA 13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26) .....	22.43	
26 01 50 51-0161 EA 13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26) .....	22.43	
26 01 50 51-0162 EA 13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26) .....	22.43	
26 01 50 51-0163 EA 13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24) .....	22.43	
26 01 50 51-0164 EA 13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24) .....	22.43	
26 01 50 51-0165 EA 13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24) .....	22.43	
26 01 50 51-0166 EA 26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP).....	28.29	
26 01 50 51-0167 EA 26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP).....	28.29	
26 01 50 51-0168 EA 26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP).....	28.29	
26 01 50 51-0169 EA 26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP).....	26.94	
26 01 50 51-0170 EA 13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP).....	26.94	
26 01 50 51-0171 EA 13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP).....	26.94	
26 01 50 51-0172 EA 4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898).....	26.39	
<b>26 01 50 51-0173 HID LED Lamps, Medium Base E26</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0174 EA 27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26) .....	52.81	
26 01 50 51-0175 EA 27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26) .....	52.81	
26 01 50 51-0176 EA 45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26) .....	66.67	
26 01 50 51-0177 EA 45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26) .....	66.67	
26 01 50 51-0178 EA 10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026) .....	47.06	
26 01 50 51-0179 EA 10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026) .....	47.06	
26 01 50 51-0180 EA 10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026) .....	47.06	
26 01 50 51-0181 EA 10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026) .....	47.06	
26 01 50 51-0182 EA 15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026) .....	48.56	
26 01 50 51-0183 EA 15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026) .....	48.56	
26 01 50 51-0184 EA 15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026) .....	48.56	
26 01 50 51-0185 EA 15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026) .....	48.56	
26 01 50 51-0186 EA 20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026) .....	54.56	
26 01 50 51-0187 EA 20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026) .....	54.56	
26 01 50 51-0188 EA 20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026) .....	54.56	
26 01 50 51-0189 EA 20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026) .....	54.56	
26 01 50 51-0190 EA 25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026) .....	62.06	
26 01 50 51-0191 EA 25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026) .....	62.06	
26 01 50 51-0192 EA 25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026) .....	62.06	
26 01 50 51-0193 EA 25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026) .....	62.06	
26 01 50 51-0194 EA 30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026) .....	78.55	
26 01 50 51-0195 EA 30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026) .....	78.55	
26 01 50 51-0196 EA 30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026) .....	78.55	
26 01 50 51-0197 EA 30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026) .....	78.55	
26 01 50 51-0198 EA 40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026) .....	92.80	
26 01 50 51-0199 EA 40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026) .....	92.80	
26 01 50 51-0200 EA 40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026) .....	92.80	
26 01 50 51-0201 EA 40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026) .....	92.80	
26 01 50 51-0202 EA 60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026) .....	102.55	
26 01 50 51-0203 EA 60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026) .....	102.55	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 01 50 51-0204	EA	60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026) .....	102.55	
26 01 50 51-0205	EA	60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026) .....	102.55	
26 01 50 51-0206	EA	80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026) .....	137.79	
26 01 50 51-0207	EA	80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026) .....	137.79	
26 01 50 51-0208	EA	80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026) .....	137.79	
26 01 50 51-0209	EA	80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026) .....	137.79	
26 01 50 51-0210	EA	100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026) .....	142.29	
26 01 50 51-0211	EA	100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026) .....	142.29	
26 01 50 51-0212	EA	100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026) .....	142.29	
26 01 50 51-0213	EA	100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026) .....	142.29	
26 01 50 51-0214	EA	120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026) .....	168.53	
26 01 50 51-0215	EA	120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026) .....	168.53	
26 01 50 51-0216	EA	120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026) .....	168.53	
26 01 50 51-0217	EA	120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026) .....	168.53	
26 01 50 51-0218	EA	150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026) .....	200.02	
26 01 50 51-0219	EA	150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026) .....	200.02	
26 01 50 51-0220	EA	150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026) .....	200.02	
26 01 50 51-0221	EA	150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026) .....	200.02	
26 01 50 51-0222	EA	20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT40KMED-G6) .....	65.15	
26 01 50 51-0223	EA	20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT50KMED-G6) .....	70.40	
26 01 50 51-0224	EA	27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED27WPT40KMED-G5) .....	70.40	
26 01 50 51-0225	EA	27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED27WPT50KMED-G5) .....	65.15	
26 01 50 51-0226	EA	36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT40KMED-G5) .....	81.64	
26 01 50 51-0227	EA	36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT50KMED-G5) .....	74.90	
26 01 50 51-0228	EA	45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED45WPT40KMED-G5) .....	89.89	
26 01 50 51-0229	EA	45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED45WPT50KMED-G5) .....	89.01	
26 01 50 51-0230	EA	54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED54WPT40KMED-G5) .....	91.02	
26 01 50 51-0231	EA	54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED54WPT50KMED-G5) .....	91.02	
26 01 50 51-0232	EA	27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED27WPT40KMED-G7) .....	55.42	
26 01 50 51-0233	EA	27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED27WPT50KMED-G7) .....	55.42	
26 01 50 51-0234	EA	36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED36WPT40KMED-G7) .....	62.36	
26 01 50 51-0235	EA	36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED36WPT50KMED-G7) .....	62.36	
26 01 50 51-0236	EA	45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED45WPT40KMED-G7) .....	66.97	
26 01 50 51-0237	EA	45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED45WPT50KMED-G7) .....	66.97	
26 01 50 51-0238	EA	54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EIKO industries LED54WPT40KMED-G7) .....	73.90	
26 01 50 51-0239	EA	54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EIKO industries LED54WPT50KMED-G7) .....	73.90	
26 01 50 51-0240	EA	20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26) .....	74.26	
26 01 50 51-0241	EA	30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26) .....	80.41	
26 01 50 51-0242	EA	40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26) .....	99.83	
26 01 50 51-0243	EA	50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26) .....	109.87	
26 01 50 51-0244	EA	10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26) .....	43.67	
26 01 50 51-0245	EA	15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26) .....	49.06	
26 01 50 51-0246	EA	20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26) .....	51.76	
26 01 50 51-0247	EA	25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26) .....	56.79	
26 01 50 51-0248	EA	15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148015-UNV) .....	68.12	
26 01 50 51-0249	EA	20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148020-UNV) .....	79.66	
26 01 50 51-0250	EA	25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148025-UNV) .....	108.50	
26 01 50 51-0251	EA	30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148030-UNV) .....	114.27	
26 01 50 51-0252	EA	35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148035-UNV) .....	123.50	
26 01 50 51-0253	EA	40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148040-UNV) .....	129.26	
26 01 50 51-0254	EA	60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Nepton LED-N148060-UNV) .....	185.79	
26 01 50 51-0255	EA	20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K) .....	66.54	

26 01 50 51-0256 HID LED Lamps, Mogul Base E39 Or EX39 (26 01 50 51-0102)

26 01 50 51-0257	EA	120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39) .....	177.96	
26 01 50 51-0258	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39) .....	177.96	
26 01 50 51-0259	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39) .....	177.96	
26 01 50 51-0260	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39) .....	52.81	
26 01 50 51-0261	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R) .....	52.81	
26 01 50 51-0262	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39) .....	52.81	
26 01 50 51-0263	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39) .....	66.67	
26 01 50 51-0264	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R) .....	66.67	
26 01 50 51-0265	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39) .....	66.67	
26 01 50 51-0266	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39) .....	122.91	
26 01 50 51-0267	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039) .....	137.79	
26 01 50 51-0268	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039) .....	137.79	
26 01 50 51-0269	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039) .....	137.79	
26 01 50 51-0270	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039) .....	137.79	
26 01 50 51-0271	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039) .....	142.29	
26 01 50 51-0272	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039) .....	142.29	
26 01 50 51-0273	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039) .....	142.29	
26 01 50 51-0274	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039) .....	142.29	
26 01 50 51-0275	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039) .....	168.53	
26 01 50 51-0276	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039) .....	168.53	
26 01 50 51-0277	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039) .....	168.53	
26 01 50 51-0278	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039) .....	168.53	
26 01 50 51-0279	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039) .....	200.02	
26 01 50 51-0280	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039) .....	200.02	
26 01 50 51-0281	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039) .....	200.02	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0282	EA			150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039).....	200.02	
26 01 50 51-0283	EA			27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5).....	70.40	
26 01 50 51-0284	EA			27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5).....	70.40	
26 01 50 51-0285	EA			36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5).....	81.64	
26 01 50 51-0286	EA			36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5).....	80.61	
26 01 50 51-0287	EA			45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5).....	89.89	
26 01 50 51-0288	EA			45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5).....	89.01	
26 01 50 51-0289	EA			54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5).....	91.02	
26 01 50 51-0290	EA			54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5).....	88.41	
26 01 50 51-0291	EA			100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5).....	190.36	
26 01 50 51-0292	EA			20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/40KMOG-G7).....	70.37	
26 01 50 51-0293	EA			20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT180/50KMOG-G7).....	70.37	
26 01 50 51-0294	EA			30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/40KMOG-G7).....	79.70	
26 01 50 51-0295	EA			30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT180/50KMOG-G7).....	79.70	
26 01 50 51-0296	EA			40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/40KMOG-G7).....	85.31	
26 01 50 51-0297	EA			40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT180/50KMOG-G7).....	85.31	
26 01 50 51-0298	EA			27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7).....	55.33	
26 01 50 51-0299	EA			27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7).....	55.33	
26 01 50 51-0300	EA			36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7).....	62.36	
26 01 50 51-0301	EA			36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7).....	62.36	
26 01 50 51-0302	EA			45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7).....	66.97	
26 01 50 51-0303	EA			45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7).....	66.97	
26 01 50 51-0304	EA			54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7).....	73.90	
26 01 50 51-0305	EA			54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7).....	73.90	
26 01 50 51-0306	EA			65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39).....	132.29	
26 01 50 51-0307	EA			80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39).....	152.84	
26 01 50 51-0308	EA			100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39).....	182.08	
26 01 50 51-0309	EA			120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39).....	354.28	
26 01 50 51-0310	EA			150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39).....	334.61	
26 01 50 51-0311	EA			200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39).....	354.28	
26 01 50 51-0312	EA			250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39).....	355.81	
26 01 50 51-0313	EA			24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A).....	54.99	
26 01 50 51-0314	EA			24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A).....	54.99	
26 01 50 51-0315	EA			24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A).....	54.99	
26 01 50 51-0316	EA			100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50).....	160.96	
26 01 50 51-0317	EA			115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D).....	417.82	
26 01 50 51-0318	EA			40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K).....	178.49	
26 01 50 51-0319	EA			100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K).....	210.49	
26 01 50 51-0320	EA			45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K).....	92.13	
26 01 50 51-0321	EA			40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K).....	290.57	
<b>26 01 50 51-0322</b>				<b>LED Lamps, 2G11 Base</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0323	EA			19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR).....	48.60	
<b>26 01 50 51-0324</b>				<b>LED Lamps, GX23 Or G23 Base</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0325	EA			5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4).....	23.63	
<b>26 01 50 51-0326</b>				<b>LED Lamps, G24 Base</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0327	EA			5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R).....	30.87	
<b>26 01 50 51-0328</b>				<b>LED Tubes (Fluorescent Lamp Replacement)</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0329	EA			2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24IN-4000K).....	42.36	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.07	
26 01 50 51-0330	EA			2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-24INU-4000K).....	55.37	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.07	
26 01 50 51-0331	EA			3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-36IN-4000K).....	45.66	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.27	
26 01 50 51-0332	EA			4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2-T8-48IN-4000K).....	50.04	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.46	
26 01 50 51-0333	EA			4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2HO-T8-48IN-4000K).....	54.91	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.46	
26 01 50 51-0334	EA			4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN).....	34.17	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.46	
26 01 50 51-0335	EA			2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN).....	33.00	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.07	
26 01 50 51-0336	EA			2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF).....	29.98	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.07	
26 01 50 51-0337	EA			3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF).....	30.47	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.27	
26 01 50 51-0338	EA			4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF).....	30.42	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.46	
26 01 50 51-0339	EA			4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF).....	31.57	
				<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-3.46	



**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>26 01 50 51-0340</b>	<b>Filament LED Lamps</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0341	EA 7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827 ).....	17.48	
26 01 50 51-0342	EA 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R ).....	17.48	
26 01 50 51-0343	EA 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827).....	16.73	
26 01 50 51-0344	EA 4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A).....	16.73	
26 01 50 51-0345	EA 4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827).....	17.93	
26 01 50 51-0346	EA 4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A).....	17.93	
26 01 50 51-0347	EA 3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827).....	15.23	
26 01 50 51-0348	EA 3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26).....	15.23	
26 01 50 51-0349	EA 3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A).....	15.68	
26 01 50 51-0350	EA 3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A).....	18.98	
26 01 50 51-0351	EA 4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521).....	22.89	
<b>26 01 50 51-0352</b>	<b>Other Lamps</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0353	EA 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1).....	16.61	
26 01 50 51-0354	EA 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM).....	16.61	
26 01 50 51-0355	EA 11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM).....	16.61	
26 01 50 51-0356	EA 12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1).....	17.36	
26 01 50 51-0357	EA 13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1).....	17.36	
26 01 50 51-0358	EA 8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1).....	17.36	
<b>26 01 50 51-0359</b>	<b>LED Lamps, Light Engines, Round, LER Series</b> <small>(26 01 50 51-0102)</small>		
26 01 50 51-0360	EA 5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730).....	55.07	
26 01 50 51-0361	EA 9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U).....	30.99	
<b>26 01 50 51-0362</b>	<b>Remove Hazardous Lamps From Fixture For Recycling</b> <small>(26 01 50 51)</small>		
	Note: Excludes containers, shipping costs and recycling fees. See CSI section 26 01 50 51-0371 for recycling hazardous lamps.		
26 01 50 51-0363	EA Removal Of 2' Length Linear Fluorescent Lamps.....	4.08	
	<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-1.35	
26 01 50 51-0364	EA Removal Of 3' Length Linear Fluorescent Lamps.....	4.66	
	<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-1.54	
26 01 50 51-0365	EA Removal Of 4' Length Linear Fluorescent Lamps.....	5.23	
	<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-1.73	
26 01 50 51-0366	EA Removal Of 6' Length Linear Fluorescent Lamps.....	5.82	
	<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-1.92	
26 01 50 51-0367	EA Removal Of 8' Length Linear Fluorescent Lamps.....	6.40	
	<i>For Removal Of Multiple Lamps In A Fixture, Deduct</i>	-2.11	
26 01 50 51-0368	EA Removal Of Compact Fluorescent Lamps.....	3.49	
	<i>For &gt;25 To 40, Deduct</i>	-0.35	
	<i>For &gt;40, Deduct</i>	-0.70	
26 01 50 51-0369	EA Removal Of U-Shaped Or Circular Fluorescent Lamps.....	5.53	
	<i>For &gt;25 To 40, Deduct</i>	-0.55	
	<i>For &gt;40, Deduct</i>	-1.11	
26 01 50 51-0370	EA Removal Of High Intensity Discharge (HID) Or Metal Halide Lamps.....	9.90	
	<i>For &gt;25 To 40, Deduct</i>	-0.99	
	<i>For &gt;40, Deduct</i>	-1.98	
<b>26 01 50 51-0371</b>	<b>Recycle Hazardous Lamps</b> <small>(26 01 50 51)</small>		
	Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		
26 01 50 51-0372	EA Recycle 2' Length Linear Fluorescent Lamps.....	1.77	
26 01 50 51-0373	EA Recycle 3' Length Linear Fluorescent Lamps.....	2.27	
26 01 50 51-0374	EA Recycle 4' Length Linear Fluorescent Lamps.....	2.76	
26 01 50 51-0375	EA Recycle 6' Length Linear Fluorescent Lamps.....	3.91	
26 01 50 51-0376	EA Recycle 8' Length Linear Fluorescent Lamps.....	4.90	
26 01 50 51-0377	EA Recycle Compact Fluorescent Lamps.....	4.52	
26 01 50 51-0378	EA Recycle U-Shaped Or Circular Fluorescent Lamps.....	4.52	
26 01 50 51-0379	EA Recycle High Intensity Discharge (HID) Lamps.....	7.14	
<b>26 01 50 52</b>	<b>Ballasts Replacement</b> <small>(26 01 50)</small>		
<b>26 01 50 52-0001</b>	<b>Lighting Ballasts</b> <small>(26 01 50 52)</small>		
	Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.		
<b>26 01 50 52-0002</b>	<b>Fluorescent Ballasts</b> <small>(26 01 50 52-0001)</small>		
<b>26 01 50 52-0003</b>	<b>T5 Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		
<b>26 01 50 52-0004</b>	<b>T5 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0003)</small>		
	Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0005</b>	<b>14 Watt, T5 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0004)</small>		
26 01 50 52-0006	EA 1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	140.08	23.29
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
	<i>For High Ballast Factor, Add</i>	8.20	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0007 EA 2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	145.89 8.73 8.20	29.10
<b>26 01 50 52-0008 21 Watt, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0004)		
26 01 50 52-0009 EA 1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	140.08 6.99 8.20	23.29
26 01 50 52-0010 EA 2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	145.89 8.73 8.20	29.10
<b>26 01 50 52-0011 28 Watt, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0004)		
26 01 50 52-0012 EA 1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	140.08 6.99 8.20	23.29
26 01 50 52-0013 EA 2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	145.89 8.73 8.20	29.10
<b>26 01 50 52-0014 35 Watt, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0004)		
26 01 50 52-0015 EA 1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	140.08 6.99	23.29
26 01 50 52-0016 EA 2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	145.89 8.73	29.10
<b>26 01 50 52-0017 54 Watt, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0004)		
26 01 50 52-0018 EA 1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	139.92 6.99	23.29
26 01 50 52-0019 EA 2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	145.73 8.73	29.10
26 01 50 52-0020 EA 3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.60 10.48	34.92
26 01 50 52-0021 EA 4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	206.42 12.22	40.74
<b>26 01 50 52-0022 High-Output, T5HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0023 12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0022)		
26 01 50 52-0024 EA 1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.79 6.99	23.29
26 01 50 52-0025 EA 2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.60 8.73	29.10
<b>26 01 50 52-0026 24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0022)		
26 01 50 52-0027 EA 1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.03 6.99	23.29
26 01 50 52-0028 EA 2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.84 8.73	29.10
<b>26 01 50 52-0029 39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0022)		
26 01 50 52-0030 EA 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.03 6.99	23.29
26 01 50 52-0031 EA 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.84 8.73	29.10
<b>26 01 50 52-0032 54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0022)		
26 01 50 52-0033 EA 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.79 6.99	23.29
26 01 50 52-0034 EA 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.60 8.73	29.10
<b>26 01 50 52-0035 Dimming, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0003)		
<b>26 01 50 52-0036 Step Dimming, T5 Fluorescent Electronic Ballasts</b> (26 01 50 52-0035) Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0037 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast</b> (26 01 50 52-0036)		
26 01 50 52-0038 EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.68 8.73	29.10

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 01 50 52-0039	Dimming To 5%, T5 Fluorescent Electronic Ballasts <small>(26 01 50 52-0035)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040	54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0039)</small>		
26 01 50 52-0041	EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast .....	506.77	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 01 50 52-0042	EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast .....	498.51	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
26 01 50 52-0043	T8 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0044	T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small> Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045	17 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0046	EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	58.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0047	EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	106.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	13.12	
26 01 50 52-0048	EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	64.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0049	EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	112.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	13.12	
26 01 50 52-0050	EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	79.01	34.92
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
	For High Ballast Factor, Add	19.42	
26 01 50 52-0051	EA 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	125.96	34.92
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
	For High Ballast Factor, Add	11.15	
26 01 50 52-0052	EA 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	90.31	40.74
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
	For High Ballast Factor, Add	49.18	
26 01 50 52-0053	EA 4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	137.52	40.74
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
	For High Ballast Factor, Add	28.71	
26 01 50 52-0054	25 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0055	EA 1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	58.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0056	EA 1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	106.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	13.12	
26 01 50 52-0057	EA 2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	64.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0058	EA 2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	112.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	13.12	
26 01 50 52-0059	EA 3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	79.01	34.92
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
	For High Ballast Factor, Add	19.42	
26 01 50 52-0060	EA 3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	125.96	34.92
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
	For High Ballast Factor, Add	11.15	
26 01 50 52-0061	EA 4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	90.31	40.74
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
	For High Ballast Factor, Add	49.18	
26 01 50 52-0062	EA 4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	137.52	40.74
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
	For High Ballast Factor, Add	28.71	
26 01 50 52-0063	28 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0064	EA 1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	58.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0065	EA 1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	106.95	23.29
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
	For High Ballast Factor, Add	13.12	
26 01 50 52-0066	EA 2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast .....	64.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	19.95	
26 01 50 52-0067	EA 2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast .....	112.76	29.10
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
	For High Ballast Factor, Add	13.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0068 EA 3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	79.01	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
For High Ballast Factor, Add	19.42	
26 01 50 52-0069 EA 3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	125.96	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
For High Ballast Factor, Add	11.15	
26 01 50 52-0070 EA 4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	90.31	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
For High Ballast Factor, Add	49.18	
26 01 50 52-0071 EA 4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	137.52	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
For High Ballast Factor, Add	28.71	
<b>26 01 50 52-0072 32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>		
26 01 50 52-0073 EA 1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	58.95	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
For High Ballast Factor, Add	19.95	
26 01 50 52-0074 EA 1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	106.95	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
For High Ballast Factor, Add	13.12	
26 01 50 52-0075 EA 2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	64.76	29.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
For High Ballast Factor, Add	19.95	
26 01 50 52-0076 EA 2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	112.76	29.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
For High Ballast Factor, Add	13.12	
26 01 50 52-0077 EA 3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	79.01	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
For High Ballast Factor, Add	19.42	
26 01 50 52-0078 EA 3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	125.96	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
For High Ballast Factor, Add	11.15	
26 01 50 52-0079 EA 4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	90.31	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
For High Ballast Factor, Add	49.18	
26 01 50 52-0080 EA 4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	137.52	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
For High Ballast Factor, Add	28.71	
<b>26 01 50 52-0081 40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>		
26 01 50 52-0082 EA 1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	96.78	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
For High Ballast Factor, Add	8.53	
26 01 50 52-0083 EA 1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	106.95	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
For High Ballast Factor, Add	13.12	
26 01 50 52-0084 EA 2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	102.59	29.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
For High Ballast Factor, Add	8.53	
26 01 50 52-0085 EA 2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	112.76	29.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
For High Ballast Factor, Add	13.12	
26 01 50 52-0086 EA 3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	128.42	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
For High Ballast Factor, Add	5.25	
26 01 50 52-0087 EA 3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	125.96	34.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.48	
26 01 50 52-0088 EA 4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	134.24	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
For High Ballast Factor, Add	5.25	
26 01 50 52-0089 EA 4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	137.52	40.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.22	
<b>26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)</b>		
26 01 50 52-0091 EA 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	116.79	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
For High Ballast Factor, Add	18.27	
26 01 50 52-0092 EA 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	122.60	29.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.73	
For High Ballast Factor, Add	18.27	
<b>26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0043)</b>		
Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts (26 01 50 52-0093)</b>		
26 01 50 52-0095 EA 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast.....	142.54	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 01 50 52-0096 EA 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast.....	187.03	23.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 01 50 52-0097	EA	2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	148.35		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0098	EA	2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	192.84		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
<b>26 01 50 52-0099</b>		<b>60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>			
26 01 50 52-0100	EA	1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	142.54		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0101	EA	1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.03		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0102	EA	2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	148.35		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0103	EA	2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	192.84		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
<b>26 01 50 52-0104</b>		<b>72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>			
26 01 50 52-0105	EA	1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	142.54		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0106	EA	1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.03		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0107	EA	2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	148.35		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0108	EA	2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	192.84		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
<b>26 01 50 52-0109</b>		<b>96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0093)</small>			
26 01 50 52-0110	EA	1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	142.54		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0111	EA	1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	187.03		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0112	EA	2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	148.35		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0113	EA	2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	192.84		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
<b>26 01 50 52-0114</b>		<b>Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0043)</small>			
<b>26 01 50 52-0115</b>		<b>Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0114)</small>			
		Note: Includes 120/277 Volt and high ballast factor.			
<b>26 01 50 52-0116</b>		<b>17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0115)</small>			
26 01 50 52-0117	EA	1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.07		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0118	EA	2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	74.88		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0119	EA	3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.13		34.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.48		
26 01 50 52-0120	EA	4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.01		40.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0121	EA	5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	157.89		46.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97		
26 01 50 52-0122	EA	6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.72		52.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.72		
<b>26 01 50 52-0123</b>		<b>25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0115)</small>			
26 01 50 52-0124	EA	1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.07		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0125	EA	2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	74.88		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0126	EA	3 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.13		34.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.48		
26 01 50 52-0127	EA	4 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	104.01		40.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0128	EA	5 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	157.89		46.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97		
26 01 50 52-0129	EA	6 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	163.72		52.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.72		
<b>26 01 50 52-0130</b>		<b>28 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0115)</small>			
26 01 50 52-0131	EA	1 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	69.07		23.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99		
26 01 50 52-0132	EA	2 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	74.88		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73		
26 01 50 52-0133	EA	3 Lamp, 28 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	86.13		34.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.48		







**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50	52-0172	EA	6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.03 15.72	52.39
<b>26 01 50</b>	<b>52-0173</b>		<b>32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0151)</small>		
26 01 50	52-0174	EA	1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.07 6.99	23.29
26 01 50	52-0175	EA	2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.88 8.73	29.10
26 01 50	52-0176	EA	3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.71 10.48	34.92
26 01 50	52-0177	EA	4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.01 12.22	40.74
26 01 50	52-0178	EA	5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.20 13.97	46.56
26 01 50	52-0179	EA	6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.03 15.72	52.39
<b>26 01 50</b>	<b>52-0180</b>		<b>40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0151)</small>		
26 01 50	52-0181	EA	1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.07 6.99	23.29
26 01 50	52-0182	EA	2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.88 8.73	29.10
26 01 50	52-0183	EA	3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.71 10.48	34.92
26 01 50	52-0184	EA	4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.01 12.22	40.74
26 01 50	52-0185	EA	5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.20 13.97	46.56
26 01 50	52-0186	EA	6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	156.03 15.72	52.39
<b>26 01 50</b>	<b>52-0187</b>		<b>Dimming To 3%, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0114)</small> Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50</b>	<b>52-0188</b>		<b>17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0187)</small>		
26 01 50	52-0189	EA	1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.66 6.99	23.29
26 01 50	52-0190	EA	2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47 8.73	29.10
26 01 50	52-0191	EA	3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	217.98 10.48	34.92
26 01 50	52-0192	EA	4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.80 12.22	40.74
<b>26 01 50</b>	<b>52-0193</b>		<b>25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0187)</small>		
26 01 50	52-0194	EA	1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.66 6.99	23.29
26 01 50	52-0195	EA	2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47 8.73	29.10
26 01 50	52-0196	EA	3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	217.98 10.48	34.92
26 01 50	52-0197	EA	4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.80 12.22	40.74
<b>26 01 50</b>	<b>52-0198</b>		<b>28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0187)</small>		
26 01 50	52-0199	EA	1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.66 6.99	23.29
26 01 50	52-0200	EA	2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47 8.73	29.10
26 01 50	52-0201	EA	3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	217.98 10.48	34.92
26 01 50	52-0202	EA	4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.80 12.22	40.74
<b>26 01 50</b>	<b>52-0203</b>		<b>32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0187)</small>		
26 01 50	52-0204	EA	1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	176.66 6.99	23.29
26 01 50	52-0205	EA	2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47 8.73	29.10
26 01 50	52-0206	EA	3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	217.98 10.48	34.92
26 01 50	52-0207	EA	4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.80 12.22	40.74
<b>26 01 50</b>	<b>52-0208</b>		<b>T10 Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		



	MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0209		<b>T10 Fluorescent Electronic Ballasts</b> (26 01 50 52-0208) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210		<b>40 Watt, T10 Fluorescent Electronic Ballasts</b> (26 01 50 52-0209)		
26 01 50 52-0211	EA	1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.30 6.99	23.29
26 01 50 52-0212	EA	2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.11 8.73	29.10
26 01 50 52-0213	EA	3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.85 10.48	34.92
26 01 50 52-0214		<b>T12 Fluorescent Ballasts</b> (26 01 50 52-0002)		
26 01 50 52-0215		<b>T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0214) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216		<b>25 Watt, T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0215)		
26 01 50 52-0217	EA	1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.95 6.99	23.29
26 01 50 52-0218	EA	1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.30 6.99	23.29
26 01 50 52-0219	EA	2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.76 8.73	29.10
26 01 50 52-0220	EA	2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.11 8.73	29.10
26 01 50 52-0221	EA	3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.01 10.48	34.92
26 01 50 52-0222	EA	4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.31 12.22	40.74
26 01 50 52-0223		<b>30 Watt, T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0215)		
26 01 50 52-0224	EA	1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.30 6.99	23.29
26 01 50 52-0225	EA	2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.11 8.73	29.10
26 01 50 52-0226	EA	3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.85 10.48	34.92
26 01 50 52-0227		<b>34 Watt, T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0215)		
26 01 50 52-0228	EA	1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.30 6.99	23.29
26 01 50 52-0229	EA	2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.11 8.73	29.10
26 01 50 52-0230	EA	3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.85 10.48	34.92
26 01 50 52-0231		<b>40 Watt, T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0215)		
26 01 50 52-0232	EA	1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.30 6.99	23.29
26 01 50 52-0233	EA	2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.11 8.73	29.10
26 01 50 52-0234	EA	3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.85 10.48	34.92
26 01 50 52-0235		<b>96 Watt, T12 Fluorescent Electronic Ballasts</b> (26 01 50 52-0215)		
26 01 50 52-0236	EA	1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.10 6.99	23.29
26 01 50 52-0237	EA	2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.60 8.73	29.10
26 01 50 52-0238		<b>High-Output, T12HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0214) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0239		<b>48 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0238)		
26 01 50 52-0240	EA	1 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.04 6.99	23.29
26 01 50 52-0241	EA	2 Lamp, 48 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.85 8.73	29.10
26 01 50 52-0242		<b>60 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> (26 01 50 52-0238)		
26 01 50 52-0243	EA	1 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	143.04 6.99	23.29
26 01 50 52-0244	EA	2 Lamp, 60 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.85 8.73	29.10

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0245			<b>72 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0246	EA		1 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	143.04	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0247	EA		2 Lamp, 72 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	148.85	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0248			<b>96 Watt, High-Output, T12HO Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0238)</small>		
26 01 50 52-0249	EA		2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	143.04	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0250	EA		2 Lamp, 96 Watt, Program/Rapid Start, High-Output, T12HO Fluorescent Electronic Ballast	148.85	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0251			<b>Emergency Fluorescent Ballasts</b> <small>(26 01 50 52-0002)</small>		
			Note: 120/277 Volt.		
26 01 50 52-0252	EA		350 To 450 Lumens, One Lamp, Code Compliance, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B100)	221.82	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0253	EA		600 To 700 Lumens, Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B60)	372.48	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0254	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50)	466.01	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0255	EA		600 To 700 Lumens, One Or Two Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine B70A)	341.21	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0256	EA		2,700 To 3,400 Lumens, Two Or Three Lamp, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B33)	1,648.34	34.92
			<i>For Factory Installation In New Fixtures, Deduct</i>	-51.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.37	
26 01 50 52-0257	EA		225 To 450 Lumens, One Lamp, Four Hour Illumination, Emergency Fluorescent Ballast (Bodine B54)	473.51	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0258	EA		325 To 1,000 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B84CG)	801.50	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0259	EA		300 To 750 Lumens, One Or Two Lamp, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B94CG)	435.21	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0260	EA		200 To 625 Lumens, One Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B413)	598.87	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0261	EA		300 To 650 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine B463)	461.57	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0262	EA		450 To 950 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Compact Fluorescent Ballast (Bodine B426)	522.34	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0263	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Ninety Minute Illumination, Damp Location, Emergency Fluorescent Ballast (Bodine BDL500)	566.34	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0264	EA		600 To 700 Lumens, Two Lamp, Damp Location, Emergency Fluorescent Ballast (Bodine BDL600)	474.57	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0265	EA		600 To 700 Lumens, One Lamp, Two Hour Illumination, Emergency Fluorescent Ballast (Bodine BDL700)	482.63	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0266	EA		500 To 600 Lumens, One Lamp, Damp Location, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine BDL900)	419.02	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0267	EA		300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C)	435.21	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0268	EA		450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400)	425.88	23.29
			<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0269	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST)	788.70	29.10
			<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 52-0270 EA 1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST) .....	989.39	29.10
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0271 EA 1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT).....	1,862.32	29.10
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0272 EA 1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT).....	1,289.83	29.10
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0273 EA 1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48).....	649.76	29.10
<i>For Factory Installation In New Fixtures, Deduct</i>	-48.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 01 50 52-0274 EA 1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1).....	846.66	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0275 EA 250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD) .....	4,791.96	29.10
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
<b>26 01 50 52-0276 LED Emergency Ballasts (26 01 50 52-0001)</b>		
26 01 50 52-0277 EA Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L) .....	165.14	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0278 EA Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST).....	253.10	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0279 EA Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C).....	305.85	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0280 EA Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310) .....	343.51	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0281 EA Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718) .....	353.03	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0282 EA Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV).....	463.28	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
26 01 50 52-0283 EA Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ) .....	551.73	23.29
<i>For Factory Installation In New Fixtures, Deduct</i>	-46.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.97	
<b>26 01 50 52-0284 Compact Fluorescent Ballasts (26 01 50 52-0001)</b>		
<b>26 01 50 52-0285 Compact Fluorescent Electronic Ballasts (26 01 50 52-0284)</b>		
Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0286 18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)</b>		
26 01 50 52-0287 EA 1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	132.21	23.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0288 EA 2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	138.02	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0289 26 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)</b>		
26 01 50 52-0290 EA 1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	132.21	23.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0291 EA 2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	138.02	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)</b>		
26 01 50 52-0293 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	165.18	23.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0294 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast .....	170.99	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)</b>		



**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0296	EA		1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	128.27	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0297	EA		1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	165.18	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0298	EA		2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	244.85	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0299	EA		2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	170.99	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0300	EA		3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast.....	289.25	34.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.48	
<b>26 01 50 52-0301</b>			<b>42 Watt, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0285)</small>		
26 01 50 52-0302	EA		1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	165.18	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0303	EA		2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	170.99	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0304</b>			<b>55 Watt, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0285)</small>		
26 01 50 52-0305	EA		1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	165.18	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0306	EA		2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	170.99	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0307</b>			<b>Dimming, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0284)</small>		
<b>26 01 50 52-0308</b>			<b>Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0307)</small>		
			Note: Includes 120/277 Volt and normal ballast factor.		
<b>26 01 50 52-0309</b>			<b>18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0310	EA		1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	249.50	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0311	EA		2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	255.31	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0312</b>			<b>26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0313	EA		1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	249.50	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0314	EA		2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	255.31	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0315</b>			<b>32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0316	EA		1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	249.50	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0317	EA		2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	273.51	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0318</b>			<b>40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0319	EA		2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	273.51	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0320</b>			<b>42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0321	EA		1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	249.50	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0322	EA		2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	273.51	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
<b>26 01 50 52-0323</b>			<b>55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts</b> <small>(26 01 50 52-0308)</small>		
26 01 50 52-0324	EA		1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	402.05	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0325	EA		2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast.....	450.67	29.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0326			High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0327			Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0328			Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0329			Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0330 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	165.07 12.22	29.10
26 01 50 52-0331 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	169.09 12.22	29.10
26 01 50 52-0332 EA 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	169.09 12.22	29.10
26 01 50 52-0333 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.64 12.22	29.10
26 01 50 52-0334 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	157.64 12.22	29.10
26 01 50 52-0335 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.35 12.22	29.10
26 01 50 52-0336 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	234.35 12.22	29.10
26 01 50 52-0337 EA 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	301.92 12.22	29.10
26 01 50 52-0338 EA 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	336.38 12.22	29.10
<b>26 01 50 52-0339 High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0328)</small>		
26 01 50 52-0340 EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.18 12.22	29.10
26 01 50 52-0341 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.17 12.22	29.10
26 01 50 52-0342 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.29 12.22	29.10
26 01 50 52-0343 EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	181.31 12.22	29.10
26 01 50 52-0344 EA 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	177.45 12.22	29.10
26 01 50 52-0345 EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	202.52 12.22	29.10
26 01 50 52-0346 EA 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	202.52 12.22	29.10
26 01 50 52-0347 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.22 12.22	29.10
26 01 50 52-0348 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.22 12.22	29.10
26 01 50 52-0349 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	390.55 12.22	29.10
26 01 50 52-0350 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	390.55 12.22	29.10
<b>26 01 50 52-0351 Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0328)</small>		
26 01 50 52-0352 EA Single Mounting Bracket For Core And Coil Type ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.78 3.49	
26 01 50 52-0353 EA Double Mounting Bracket For Core And Coil Type ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.81 5.24	
<b>26 01 50 52-0354 F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0327)</small>		
<b>26 01 50 52-0355 Metal Halide, F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0354)</small>		
26 01 50 52-0356 EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Pulse Start Ballast, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.35 16.86 12.22	29.10
26 01 50 52-0357 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Pulse Start Ballast, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	220.50 17.98 12.22	29.10
26 01 50 52-0358 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Pulse Start Ballast, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	200.90 16.02 12.22	29.10
26 01 50 52-0359 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Pulse Start Ballast, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	233.11 19.24 12.22	29.10
26 01 50 52-0360 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Pulse Start Ballast, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	323.36 28.26 12.22	29.10
<b>26 01 50 52-0361 High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0354)</small>		
26 01 50 52-0362 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	251.61 12.22	29.10
26 01 50 52-0363 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	269.00 12.22	29.10
<b>26 01 50 52-0364 Postline High Intensity Discharge (HID) Ballasts</b> <small>(26 01 50 52-0327)</small>		

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 01 50 52-0365		<b>Metal Halide, Postline High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0364)			
26 01 50 52-0366	EA	1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	418.27		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0367		<b>High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0364)			
26 01 50 52-0368	EA	1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	643.96		29.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19		
26 01 50 52-0369	EA	1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	718.07		29.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19		
26 01 50 52-0370	EA	1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast.....	692.43		29.03
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19		
26 01 50 52-0371		<b>Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0327)			
26 01 50 52-0372		<b>Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0371)			
26 01 50 52-0373	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	514.81		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0374	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	584.20		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0375	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	771.36		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0376	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	767.33		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0377	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	1,074.83		31.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92		
26 01 50 52-0378	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	1,074.83		31.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92		
26 01 50 52-0379	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	739.79		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0380	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	870.23		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0381		<b>High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0371)			
26 01 50 52-0382	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	959.92		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0383	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	913.95		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0384	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	1,174.58		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0385	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast.....	1,174.58		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0386		<b>Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0327)			
26 01 50 52-0387		<b>Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0386)			
26 01 50 52-0388	EA	1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	578.40		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0389	EA	1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	624.72		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0390	EA	1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	620.16		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0391	EA	1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	651.19		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0392	EA	2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	1,034.36		31.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92		
26 01 50 52-0393	EA	2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	1,271.32		31.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92		
26 01 50 52-0394	EA	1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	965.31		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0395	EA	1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	878.91		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0396		<b>High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0386)			
26 01 50 52-0397	EA	1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	746.47		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0398	EA	1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	804.89		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		
26 01 50 52-0399	EA	1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	1,201.54		29.10
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0400 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast.....	1,033.95	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
<b>26 01 50 52-0401 Electronic High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0326)		
<b>26 01 50 52-0402 Electronic Low Frequency High Intensity Discharge (HID) Ballasts</b> (26 01 50 52-0401)		
26 01 50 52-0403 EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	231.56	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0404 EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	231.56	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0405 EA 1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	260.84	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0406 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	671.16	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0407 EA 1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	671.16	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0408 EA 1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	671.16	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0409 EA 1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	671.16	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0410 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast .....	671.16	29.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
<b>26 01 50 52-0411 Owner Supplied Ballasts</b> (26 01 50 52-0001)		
26 01 50 52-0412 EA Install Owner Supplied, 1 Lamp Fluorescent Ballast.....	23.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 01 50 52-0413 EA Install Owner Supplied, 2 Lamp Fluorescent Ballast.....	29.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.73	
26 01 50 52-0414 EA Install Owner Supplied, 3 Lamp Fluorescent Ballast.....	33.76	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.13	
26 01 50 52-0415 EA Install Owner Supplied, 4 Lamp Fluorescent Ballast.....	36.09	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.83	
26 01 50 52-0416 EA Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast.....	40.74	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.22	
26 01 50 52-0417 EA Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast.....	43.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.92	
<b>26 01 50 53 Lens and Accessory Replacement</b> (26 01 50)		
<b>26 01 50 53-0001 Lens and Accessory Replacement</b> (26 01 50 53)		
26 01 50 53-0002 EA Removal And Replacement Of Parabolic Aluminum Louver.....	83.43	
26 01 50 53-0003 EA Removal And Replacement Of Visor For Fixtures .....	182.73	
26 01 50 53-0004 EA Removal And Replacement Of Globe On Pole .....	207.73	
26 01 50 53-0005 EA Removal And Replacement Of Lenses For Flat Top Pole Fixtures.....	86.87	
26 01 50 53-0006 EA Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	29.74	
26 01 50 53-0007 EA Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	30.79	
26 01 50 53-0008 EA Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser.....	35.33	
26 01 50 53-0009 EA Removal And Replacement Of Slide-On Lampholder.....	13.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0010 EA Removal And Replacement Of Screw Mount Lampholder.....	13.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0011 EA Removal And Replacement Of Medium Bi-Pin Lampholder .....	14.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0012 EA Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type.....	16.93	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0013 EA Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type .....	18.32	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0014 EA Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in .....	14.59	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 01 50 53-0015 EA Removal And Replacement Of Exterior Light Globes.....	59.44	
<b>26 01 50 81 Luminaire Replacement</b> (26 01 50)		
<b>26 01 50 81-0001 Retrofit Lighting Fixtures</b> (26 01 50 81)		
<b>26 01 50 81-0002 Retrofit Existing (T12) Fluorescent Fixtures</b> (26 01 50 81-0001)		
Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.		
<b>26 01 50 81-0003 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector</b> (26 01 50 81-0002)		
Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0004 EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp.....	110.60	
<i>For Specular Ballast Cover, Add</i>	13.99	
26 01 50 81-0005 EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	117.53	
<i>For Specular Ballast Cover, Add</i>	15.38	
26 01 50 81-0006 EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps.....	159.84	
<i>For Specular Ballast Cover, Add</i>	23.84	

**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 01 50 81-0007	EA	Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps <i>For Specular Ballast Cover, Add</i>	185.12 28.90
<b>26 01 50 81-0008</b>		<b>Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector</b> <small>(26 01 50 81-0002)</small>	
		Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.	
26 01 50 81-0009	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp <i>For Specular Reflector, Add</i>	116.82 17.05
26 01 50 81-0010	EA	Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	124.50 17.05
26 01 50 81-0011	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	168.55 17.05
26 01 50 81-0012	EA	Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps <i>For Specular Reflector, Add</i>	218.99 17.05
<b>26 01 50 81-0013</b>		<b>Retrofit Existing (T12) Troffer Style Fluorescent Fixtures</b> <small>(26 01 50 81-0002)</small>	
		Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.	
26 01 50 81-0014	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps <i>For Specular Reflector, Add</i>	144.62 17.05
26 01 50 81-0015	EA	Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	151.55 17.05
26 01 50 81-0016	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps <i>For Specular Reflector, Add</i>	154.35 17.05
26 01 50 81-0017	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps <i>For Specular Reflector, Add</i>	173.60 17.05
26 01 50 81-0018	EA	Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps <i>For Specular Reflector, Add</i>	213.81 17.05
26 01 50 81-0019	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps <i>For Specular Reflector, Add</i>	159.02 17.05
26 01 50 81-0020	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps <i>For Specular Reflector, Add</i>	175.62 17.05
26 01 50 81-0021	EA	Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps <i>For Specular Reflector, Add</i>	189.27 17.05
<b>26 01 50 81-0022</b>		<b>Retrofit Existing Recessed Lay-In/Troffer Fixtures</b> <small>(26 01 50 81-0001)</small>	
<b>26 01 50 81-0023</b>		<b>Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia)</b> <small>(26 01 50 81-0022)</small>	
		Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.	
26 01 50 81-0024	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.13
26 01 50 81-0025	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.13
26 01 50 81-0026	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	164.13
26 01 50 81-0027	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	178.31
26 01 50 81-0028	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.13
26 01 50 81-0029	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.13
26 01 50 81-0030	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	164.13
26 01 50 81-0031	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	178.31
26 01 50 81-0032	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.15
26 01 50 81-0033	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.15
26 01 50 81-0034	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	165.15
26 01 50 81-0035	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	179.34
26 01 50 81-0036	EA	2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.15
26 01 50 81-0037	EA	2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.15
26 01 50 81-0038	EA	2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	165.15
26 01 50 81-0039	EA	2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	179.34
<b>26 01 50 81-0040</b>		<b>LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED)</b> <small>(26 01 50 81-0022)</small>	
		Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0041 EA 2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025).....	225.99	
26 01 50 81-0042 EA 4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045).....	235.64	
<b>26 01 50 81-0043 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) <small>(26 01 50 81-0022)</small></b>		
<small>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.</small>		
26 01 50 81-0044 EA 1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L).....	355.70	
26 01 50 81-0045 EA 2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L).....	364.37	
26 01 50 81-0046 EA 2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L).....	355.70	
26 01 50 81-0047 EA 3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	364.37	
26 01 50 81-0048 EA 3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L).....	407.72	
26 01 50 81-0049 EA 4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	420.73	
26 01 50 81-0050 EA 5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	451.07	
<b>26 01 50 81-0051 LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) <small>(26 01 50 81-0022)</small></b>		
<small>Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.</small>		
26 01 50 81-0052 EA 3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	329.17	
26 01 50 81-0053 EA 3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	341.27	
26 01 50 81-0054 EA 3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	344.89	
26 01 50 81-0055 EA 3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	356.98	
26 01 50 81-0056 EA 2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDSX84022MST).....	247.54	
26 01 50 81-0057 EA 4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDSX84022MST).....	253.29	
26 01 50 81-0058 EA 3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDSX84024MST).....	262.48	
26 01 50 81-0059 EA 4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDSX84024MST).....	268.22	
26 01 50 81-0060 EA 6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDSX84024MST).....	332.55	
26 01 50 81-0061 EA 8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDSX84024MST).....	396.88	
<b>26 01 50 81-0062 Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) <small>(26 01 50 81-0022)</small></b>		
<small>Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.</small>		
26 01 50 81-0063 EA 1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	310.86	
26 01 50 81-0064 EA 1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	222.73	
26 01 50 81-0065 EA 2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	318.92	
26 01 50 81-0066 EA 2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	230.71	
26 01 50 81-0067 EA 3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	333.49	
26 01 50 81-0068 EA 3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	252.56	
26 01 50 81-0069 EA 1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	365.04	
26 01 50 81-0070 EA 1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	276.71	
26 01 50 81-0071 EA 2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	372.58	
26 01 50 81-0072 EA 2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	284.32	
26 01 50 81-0073 EA 3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	386.98	
26 01 50 81-0074 EA 3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	306.06	



**26 Electrical****26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 01 50 81-0075		<b>LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)</b> <small>(26 01 50 81-0022)</small>		
		Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0076	EA	3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT)	660.60	
26 01 50 81-0077	EA	4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT)	734.53	
26 01 50 81-0078		<b>Retrofit Existing HID Fixtures</b> <small>(26 01 50 81-0001)</small>		
26 01 50 81-0079	EA	Tear Drop LED Retrofit Kit (Holophane LTDRL2 P35S 40K AS BK TDRD 3 P)	1,498.05	
26 01 50 81-0080		<b>LED Lighting Retrofits For Existing Fluorescent Fixtures</b> <small>(26 01 50 81-0001)</small>		
		Note: Excludes recycling or disposal of lamps and ballasts.		
26 01 50 81-0081		<b>LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia)</b> <small>(26 01 50 81-0080)</small>		
26 01 50 81-0082	EA	2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT)	112.97	
		For >25 To 50, Deduct	-5.65	
		For >50 To 100, Deduct	-9.78	
		For >100, Deduct	-16.52	
26 01 50 81-0083	EA	2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT)	165.02	
		For >25 To 50, Deduct	-8.25	
		For >50 To 100, Deduct	-13.68	
		For >100, Deduct	-21.73	
26 01 50 81-0084	EA	3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	122.94	
		For >25 To 50, Deduct	-6.15	
		For >50 To 100, Deduct	-10.60	
		For >100, Deduct	-17.81	
26 01 50 81-0085	EA	3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT)	112.78	
		For >25 To 50, Deduct	-5.64	
		For >50 To 100, Deduct	-9.84	
		For >100, Deduct	-16.79	
26 01 50 81-0086	EA	4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	148.27	
		For >25 To 50, Deduct	-7.41	
		For >50 To 100, Deduct	-12.57	
		For >100, Deduct	-20.63	
26 01 50 81-0087	EA	4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT)	193.38	
		For >25 To 50, Deduct	-9.67	
		For >50 To 100, Deduct	-15.95	
		For >100, Deduct	-25.14	
26 01 50 81-0088	EA	4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.95	
		For >25 To 50, Deduct	-6.10	
		For >50 To 100, Deduct	-10.60	
		For >100, Deduct	-18.00	
26 01 50 81-0089	EA	4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	121.95	
		For >25 To 50, Deduct	-6.10	
		For >50 To 100, Deduct	-10.60	
		For >100, Deduct	-18.00	
26 01 50 81-0090	EA	4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT)	157.29	
		For >25 To 50, Deduct	-7.86	
		For >50 To 100, Deduct	-13.25	
		For >100, Deduct	-21.53	
26 01 50 81-0091	EA	4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT)	133.23	
		For >25 To 50, Deduct	-6.66	
		For >50 To 100, Deduct	-11.44	
		For >100, Deduct	-19.13	
26 01 50 81-0092	EA	4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT)	133.23	
		For >25 To 50, Deduct	-6.66	
		For >50 To 100, Deduct	-11.44	
		For >100, Deduct	-19.13	
26 01 50 81-0093		<b>LED Retrofit For Existing Fluorescent Fixtures (Lithonia)</b> <small>(26 01 50 81-0080)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0094 EA 1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	271.23	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-13.56	
<i>For &gt;50 To 100, Deduct</i>	-21.79	
<i>For &gt;100, Deduct</i>	-32.93	
26 01 50 81-0095 EA 1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2).....	292.57	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-14.63	
<i>For &gt;50 To 100, Deduct</i>	-23.39	
<i>For &gt;100, Deduct</i>	-35.06	
26 01 50 81-0096 EA 2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	308.52	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-15.43	
<i>For &gt;50 To 100, Deduct</i>	-24.59	
<i>For &gt;100, Deduct</i>	-36.66	
26 01 50 81-0097 EA 2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	333.44	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-16.67	
<i>For &gt;50 To 100, Deduct</i>	-26.46	
<i>For &gt;100, Deduct</i>	-39.15	
26 01 50 81-0098 EA 2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	357.32	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-17.87	
<i>For &gt;50 To 100, Deduct</i>	-28.54	
<i>For &gt;100, Deduct</i>	-42.70	
26 01 50 81-0099 EA 2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	386.26	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	179.91	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	116.95	
<i>For &gt;25 To 50, Deduct</i>	-19.31	
<i>For &gt;50 To 100, Deduct</i>	-30.71	
<i>For &gt;100, Deduct</i>	-45.59	
<b>26 01 50 81-0100 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights)<sup>(26 01 50 81-0080)</sup></b>		
<i>Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.</i>		
26 01 50 81-0101 EA 2' Dimmable, 20 Watts, 2,900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40).....	104.73	
<i>Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For &gt;25 To 50, Deduct</i>	-5.24	
<i>For &gt;50 To 100, Deduct</i>	-9.16	
<i>For &gt;100, Deduct</i>	-15.70	
26 01 50 81-0102 EA 2' Dimmable, 20 Watts, 2,900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50).....	104.73	
<i>Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For &gt;25 To 50, Deduct</i>	-5.24	
<i>For &gt;50 To 100, Deduct</i>	-9.16	
<i>For &gt;100, Deduct</i>	-15.70	
26 01 50 81-0103 EA 4' Dimmable, 32 Watts, 5,000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40).....	138.64	
<i>Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For &gt;25 To 50, Deduct</i>	-6.93	
<i>For &gt;50 To 100, Deduct</i>	-11.85	
<i>For &gt;100, Deduct</i>	-19.67	
26 01 50 81-0104 EA 4' Dimmable, 32 Watts, 5,000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50).....	138.64	
<i>Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For &gt;25 To 50, Deduct</i>	-6.93	
<i>For &gt;50 To 100, Deduct</i>	-11.85	
<i>For &gt;100, Deduct</i>	-19.67	
26 01 50 81-0105 EA 4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30).....	138.75	
<i>Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For &gt;25 To 50, Deduct</i>	-6.94	
<i>For &gt;50 To 100, Deduct</i>	-11.86	
<i>For &gt;100, Deduct</i>	-19.68	

## 26 Electrical

## 26 01 Operation and Maintenance of Electrical Systems

## 26 01 50 Operation and Maintenance of Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0106	EA		4' Dimmable, 35 Watts, 5,500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F).....	151.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-12.83	
			For >100, Deduct	-20.97	
26 01 50 81-0107	EA		4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35).....	138.75	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-6.94	
			For >50 To 100, Deduct	-11.86	
			For >100, Deduct	-19.68	
26 01 50 81-0108	EA		4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F).....	151.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-12.83	
			For >100, Deduct	-20.97	
26 01 50 81-0109	EA		4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40).....	138.75	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-6.94	
			For >50 To 100, Deduct	-11.86	
			For >100, Deduct	-19.68	
26 01 50 81-0110	EA		4' Dimmable, 35 Watts, 5,500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F).....	151.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-12.83	
			For >100, Deduct	-20.97	
26 01 50 81-0111	EA		4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50).....	138.75	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-6.94	
			For >50 To 100, Deduct	-11.86	
			For >100, Deduct	-19.68	
26 01 50 81-0112	EA		4' Dimmable, 35 Watts, 5,500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F).....	151.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-12.83	
			For >100, Deduct	-20.97	
26 01 50 81-0113	EA		4' Dimmable, 46 Watts, 6,800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50).....	151.57	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-7.58	
			For >50 To 100, Deduct	-12.82	
			For >100, Deduct	-20.96	
26 01 50 81-0114	EA		4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40).....	179.23	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-8.96	
			For >50 To 100, Deduct	-14.89	
			For >100, Deduct	-23.73	
26 01 50 81-0115	EA		4' Dimmable, 31 Watts, 5,730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F).....	195.38	
			Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-9.77	
			For >50 To 100, Deduct	-16.10	
			For >100, Deduct	-25.34	
26 01 50 81-0116	EA		4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50).....	179.23	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-8.96	
			For >50 To 100, Deduct	-14.89	
			For >100, Deduct	-23.73	
26 01 50 81-0117	EA		4' Dimmable, 31 Watts, 5,730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F).....	195.38	
			Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			For >25 To 50, Deduct	-9.77	
			For >50 To 100, Deduct	-16.10	
			For >100, Deduct	-25.34	
26 01 50 81-0118	EA		20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800).....	197.42	
			Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
			For >25 To 50, Deduct	-9.87	
			For >50 To 100, Deduct	-15.10	
			For >100, Deduct	-20.90	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0119 EA 20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W).....	181.06	
Note: 90-minute emergency battery with power output of 20 Watts		
For >25 To 50, Deduct	-9.05	
For >50 To 100, Deduct	-13.87	
For >100, Deduct	-19.27	
26 01 50 81-0120 EA 8' Dimmable, 46 Watts, 7,400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50) .....	180.29	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-9.01	
For >50 To 100, Deduct	-15.41	
For >100, Deduct	-25.58	
26 01 50 81-0121 EA 8' Dimmable, 49 Watts, 6,680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F) .....	188.37	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-9.42	
For >50 To 100, Deduct	-16.01	
For >100, Deduct	-26.38	
26 01 50 81-0122 EA 8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40) .....	267.73	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-13.39	
For >50 To 100, Deduct	-21.97	
For >100, Deduct	-34.32	
26 01 50 81-0123 EA 8' Dimmable, 64 Watts, 11,850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F) .....	300.04	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-15.00	
For >50 To 100, Deduct	-24.39	
For >100, Deduct	-37.55	
26 01 50 81-0124 EA 8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50) .....	267.73	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-13.39	
For >50 To 100, Deduct	-21.97	
For >100, Deduct	-34.32	
26 01 50 81-0125 EA 8' Dimmable, 64 Watts, 11,850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F) .....	300.04	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-15.00	
For >50 To 100, Deduct	-24.39	
For >100, Deduct	-37.55	

## 26 05 Common Work Results for Electrical <sup>(26)</sup>

### 26 05 13 Medium-Voltage Cables <sup>(26 05)</sup>

#### 26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables <sup>(26 05 13)</sup>

26 05 13 16-0001	Wire And Cable <sup>(26 05 13 16)</sup>		
	Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.		
26 05 13 16-0002	5 KV Cable <sup>(26 05 13 16-0001)</sup>		
26 05 13 16-0003	Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct <sup>(26 05 13 16-0002)</sup>		
26 05 13 16-0004	MLF #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	3,386.88	902.69
26 05 13 16-0005	MLF #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	3,992.09	985.64
26 05 13 16-0006	MLF #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	4,751.67	1,113.63
26 05 13 16-0007	MLF 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	6,151.11	1,372.03
26 05 13 16-0008	MLF 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	7,002.36	1,545.03
26 05 13 16-0009	MLF 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	8,557.56	1,714.95
26 05 13 16-0010	MLF 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,631.70	1,926.92
26 05 13 16-0011	MLF 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	11,404.44	2,143.78
26 05 13 16-0012	MLF 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	13,306.70	2,559.62
26 05 13 16-0013	MLF 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	16,731.87	3,008.78
26 05 13 16-0014	MLF 750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	24,739.22	3,546.17
26 05 13 16-0015	MLF 1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	32,752.23	4,083.30
26 05 13 16-0016	Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial <sup>(26 05 13 16-0002)</sup>		
	Note: Excludes excavation.		
26 05 13 16-0017	MLF #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial .....	3,274.05	
26 05 13 16-0018	MLF #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial .....	3,671.76	
26 05 13 16-0019	MLF #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial .....	4,111.33	
26 05 13 16-0020	MLF 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial .....	5,076.88	
26 05 13 16-0021	MLF 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial .....	5,495.52	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 13 Medium-Voltage Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0022	MLF		3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	6,837.44	
26 05 13 16-0023	MLF		4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	7,381.66	
26 05 13 16-0024	MLF		250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	8,829.19	
26 05 13 16-0025	MLF		350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	9,804.43	
26 05 13 16-0026	MLF		500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	12,208.21	
<b>26 05 13 16-0027</b>			<b>Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)</b> <small>(26 05 13 16-0002)</small>		
26 05 13 16-0028	MLF		#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	2,615.06	567.32
26 05 13 16-0029	MLF		#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	3,120.23	608.28
26 05 13 16-0030	MLF		#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	3,980.80	769.23
26 05 13 16-0031	MLF		1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	5,165.14	933.82
26 05 13 16-0032	MLF		2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	6,008.83	1,096.23
26 05 13 16-0033	MLF		3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	7,551.28	1,253.65
26 05 13 16-0034	MLF		4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	8,621.33	1,454.59
26 05 13 16-0035	MLF		250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	10,834.59	1,829.96
26 05 13 16-0036	MLF		350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	12,967.64	2,315.48
26 05 13 16-0037	MLF		500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	16,824.02	2,909.17
<b>26 05 13 16-0038</b>			<b>5 KV Non-Shielded Single Copper Conductor</b> <small>(26 05 13 16-0002)</small>		
26 05 13 16-0039	MLF		1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	7,322.41	1,798.94
26 05 13 16-0040	MLF		2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	8,375.88	1,824.79
26 05 13 16-0041	MLF		3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,429.37	1,850.65
26 05 13 16-0042	MLF		4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,813.94	1,891.54
26 05 13 16-0043	MLF		350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	11,669.59	1,963.71
26 05 13 16-0044	MLF		500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	16,445.20	2,057.99
26 05 13 16-0045	MLF		750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	25,264.92	2,572.49
26 05 13 16-0046	MLF		1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	29,292.03	3,430.02
<b>26 05 13 16-0047</b>			<b>Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct</b> <small>(26 05 13 16-0002)</small>		
26 05 13 16-0048	MLF		#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	3,590.33	902.69
26 05 13 16-0049	MLF		#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	4,267.13	985.64
26 05 13 16-0050	MLF		#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	5,105.83	1,113.63
26 05 13 16-0051	MLF		1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	5,873.21	1,242.77
26 05 13 16-0052	MLF		2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	6,640.92	1,372.03
26 05 13 16-0053	MLF		3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	7,567.52	1,545.03
26 05 13 16-0054	MLF		4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,326.17	1,714.95
26 05 13 16-0055	MLF		250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	10,498.28	1,926.92
26 05 13 16-0056	MLF		350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	12,492.56	2,143.78
26 05 13 16-0057	MLF		500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	14,550.05	2,559.62
26 05 13 16-0058	MLF		750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	18,389.67	3,008.78
26 05 13 16-0059	MLF		1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	27,597.08	3,546.17
26 05 13 16-0060	MLF		1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	36,810.14	4,083.30
<b>26 05 13 16-0061</b>			<b>Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial</b> <small>(26 05 13 16-0002)</small>		
Note: Excludes excavation.					
26 05 13 16-0062	MLF		#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	3,477.51	
26 05 13 16-0063	MLF		#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	3,946.81	
26 05 13 16-0064	MLF		#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	4,465.50	
26 05 13 16-0065	MLF		#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	5,016.58	
26 05 13 16-0066	MLF		1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	5,566.68	
26 05 13 16-0067	MLF		2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	6,060.68	
26 05 13 16-0068	MLF		3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	7,606.05	
26 05 13 16-0069	MLF		4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	8,248.24	
26 05 13 16-0070	MLF		250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	9,917.31	
26 05 13 16-0071	MLF		350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	11,047.78	
26 05 13 16-0072	MLF		500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial.....	13,866.01	
<b>26 05 13 16-0073</b>			<b>Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial)</b> <small>(26 05 13 16-0002)</small>		
26 05 13 16-0074	MLF		#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	2,818.51	567.32
26 05 13 16-0075	MLF		#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	3,395.27	608.28
26 05 13 16-0076	MLF		#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	4,334.96	769.23
26 05 13 16-0077	MLF		#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	4,993.45	850.92
26 05 13 16-0078	MLF		1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	5,654.95	933.82
26 05 13 16-0079	MLF		2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	6,573.99	1,096.23
26 05 13 16-0080	MLF		3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	8,319.89	1,253.65
26 05 13 16-0081	MLF		4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	9,487.91	1,454.59
26 05 13 16-0082	MLF		250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	11,922.71	1,829.96
26 05 13 16-0083	MLF		350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	14,210.99	2,315.48
26 05 13 16-0084	MLF		500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	18,481.82	2,909.17





	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0085	15 KV Cable <sup>(26 05 13 16-0001)</sup>		
26 05 13 16-0086	Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <sup>(26 05 13 16-0085)</sup>		
26 05 13 16-0087	Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct <sup>(26 05 13 16-0086)</sup>		
26 05 13 16-0088	MLF #4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	7,262.46	1,798.94
26 05 13 16-0089	MLF #2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	7,824.96	1,798.94
26 05 13 16-0090	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,039.52	1,798.94
26 05 13 16-0091	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,738.48	1,798.94
26 05 13 16-0092	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,401.89	1,798.94
26 05 13 16-0093	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,712.46	1,877.79
26 05 13 16-0094	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,973.08	1,877.79
26 05 13 16-0095	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,609.69	1,963.71
26 05 13 16-0096	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	14,252.99	2,009.76
26 05 13 16-0097	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	17,529.89	2,263.79
26 05 13 16-0098	Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial <sup>(26 05 13 16-0086)</sup>		
	Note: Excludes excavation.		
26 05 13 16-0099	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,104.41	
26 05 13 16-0100	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,803.37	
26 05 13 16-0101	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,466.78	
26 05 13 16-0102	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,802.22	
26 05 13 16-0103	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,062.84	
26 05 13 16-0104	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,806.00	
26 05 13 16-0105	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,452.26	
26 05 13 16-0106	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,471.90	
26 05 13 16-0107	Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <sup>(26 05 13 16-0086)</sup>		
26 05 13 16-0108	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,663.22	810.44
26 05 13 16-0109	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,685.14	933.82
26 05 13 16-0110	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,773.60	1,096.23
26 05 13 16-0111	MLF 3/0 AWG, XLP, 15 KV, Installed On Poles (Aerial), Shielded, Single Copper Conductor, 133% Insulation Cable	9,299.33	1,253.65
26 05 13 16-0112	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,085.78	1,454.59
26 05 13 16-0113	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,132.43	1,693.33
26 05 13 16-0114	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,392.89	1,973.16
26 05 13 16-0115	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,869.37	2,292.01
26 05 13 16-0116	Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <sup>(26 05 13 16-0085)</sup>		
26 05 13 16-0117	Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct <sup>(26 05 13 16-0116)</sup>		
26 05 13 16-0118	MLF #4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	7,760.18	1,798.94
26 05 13 16-0119	MLF #2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,423.93	1,798.94
26 05 13 16-0120	MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,677.11	1,798.94
26 05 13 16-0121	MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,501.88	1,798.94
26 05 13 16-0122	MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,284.71	1,798.94
26 05 13 16-0123	MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,795.72	1,877.79
26 05 13 16-0124	MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,103.26	1,877.79
26 05 13 16-0125	MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,995.76	1,963.71
26 05 13 16-0126	MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,914.14	2,009.76
26 05 13 16-0127	MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	19,666.56	2,263.79
26 05 13 16-0128	Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial <sup>(26 05 13 16-0116)</sup>		
	Note: Excludes excavation.		
26 05 13 16-0129	MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,742.01	
26 05 13 16-0130	MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,566.77	
26 05 13 16-0131	MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,349.60	
26 05 13 16-0132	MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,885.48	
26 05 13 16-0133	MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,193.01	
26 05 13 16-0134	MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,188.03	
26 05 13 16-0135	MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	14,105.35	
26 05 13 16-0136	MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	17,608.57	
26 05 13 16-0137	Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <sup>(26 05 13 16-0116)</sup>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 13 Medium-Voltage Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0138	MLF		#1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	6,300.82	810.44
26 05 13 16-0139	MLF		1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	7,448.54	933.82
26 05 13 16-0140	MLF		2/0 AWG, EPEPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	8,656.42	1,096.23
26 05 13 16-0141	MLF		3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	10,382.59	1,253.65
26 05 13 16-0142	MLF		4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	11,215.95	1,454.59
26 05 13 16-0143	MLF		250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	13,518.50	1,693.33
26 05 13 16-0144	MLF		350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	16,054.04	1,973.16
26 05 13 16-0145	MLF		500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial).....	20,006.04	2,292.01
<b>26 05 13 16-0146</b>			<b>15 KV Non-Shielded Single Copper Conductor</b> (26 05 13 16-0085)		
26 05 13 16-0147	MLF		1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	10,269.14	1,805.24
26 05 13 16-0148	MLF		2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	8,937.99	1,848.40
26 05 13 16-0149	MLF		3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	13,256.27	1,891.54
26 05 13 16-0150	MLF		350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	18,105.97	2,017.60
<b>26 05 13 16-0151</b>			<b>Shielded, Armored Copper, 15 KV, 3 Conductor Cable</b> (26 05 13 16-0085) Note: Laid in cable tray or hung in vertical cable shaft.		
<b>26 05 13 16-0152</b>			<b>Galvanized Steel Interlocked Armor Cable</b> (26 05 13 16-0151)		
26 05 13 16-0153	LF		3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	49.79	13.77
26 05 13 16-0154	LF		3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	59.18	14.66
<b>26 05 13 16-0155</b>			<b>Aluminum Interlocked Armor Cable</b> (26 05 13 16-0151)		
26 05 13 16-0156	LF		3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	49.79	13.77
26 05 13 16-0157	LF		3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	59.18	14.66
<b>26 05 13 16-0158</b>			<b>Type URD, 15 KV Primary Concentric UD Cable</b> (26 05 13 16-0085) Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0159	MLF		#4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	3,597.70	902.69
26 05 13 16-0160	MLF		#2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	4,277.09	985.64
26 05 13 16-0161	MLF		#1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	5,118.66	1,113.63
26 05 13 16-0162	MLF		1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	6,649.53	1,368.31
26 05 13 16-0163	MLF		2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	7,576.41	1,540.40
26 05 13 16-0164	MLF		3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	9,353.99	1,714.95
26 05 13 16-0165	MLF		4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	10,511.67	1,919.72
<b>26 05 13 16-0166</b>			<b>15 KV, URD Copper Cable, Direct Burial</b> (26 05 13 16-0085)		
26 05 13 16-0167	MLF		3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial.....	16,894.80	
<b>26 05 13 16-0168</b>			<b>Wire Connections</b> (26 05 13 16-0001)		
<b>26 05 13 16-0169</b>			<b>Medium Voltage Up To 5 KV</b> (26 05 13 16-0168)		
<b>26 05 13 16-0170</b>			<b>Shielded One Conductor Cable Splice</b> (26 05 13 16-0169)		
26 05 13 16-0171	EA		#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	436.25	115.91
26 05 13 16-0172	EA		#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	641.41	115.91
26 05 13 16-0173	EA		1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	641.41	115.91
26 05 13 16-0174	EA		2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	675.90	139.08
26 05 13 16-0175	EA		3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	675.90	139.08
26 05 13 16-0176	EA		4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	675.90	139.08
26 05 13 16-0177	EA		250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	721.89	162.27
26 05 13 16-0178	EA		350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	721.89	162.27
26 05 13 16-0179	EA		500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	721.89	162.27
<b>26 05 13 16-0180</b>			<b>Cable Termination Without Stress Cone</b> (26 05 13 16-0169)		
26 05 13 16-0181	EA		#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	711.42	139.08
26 05 13 16-0182	EA		250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	818.57	162.27
<b>26 05 13 16-0183</b>			<b>Cable Termination With Stress Cone</b> (26 05 13 16-0169)		
26 05 13 16-0184	EA		#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	2,315.03	278.17
26 05 13 16-0185	EA		250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	3,172.31	382.48
<b>26 05 13 16-0186</b>			<b>Connect To Pothead, Pothead Included</b> (26 05 13 16-0169)		
26 05 13 16-0187	EA		#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV.....	2,438.95	278.17
26 05 13 16-0188	EA		250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV.....	3,167.49	318.74
<b>26 05 13 16-0189</b>			<b>Two Conductor Pothead</b> (26 05 13 16-0169) Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA		#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,519.15	382.48
26 05 13 16-0191	EA		250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	2,085.54	486.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0192 EA 400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV .....	3,452.03	551.94
26 05 13 16-0193 EA 750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	5,984.20	643.96
26 05 13 16-0194 EA 1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV .....	11,324.50	965.82
<b>26 05 13 16-0195 Three Conductor Pothead</b> <small>(26 05 13 16-0169)</small>		
Note: Includes 5 KV pothead.		
26 05 13 16-0196 EA #6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	7,643.69	556.34
26 05 13 16-0197 EA 250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	8,312.08	649.06
<b>26 05 13 16-0198 Copper Cable Splice, Crimp Compression Connection</b> <small>(26 05 13 16-0169)</small>		
Note: For bare wire.		
26 05 13 16-0199 EA #6 AWG Crimp Compression Connection For Bare Copper Wire.....	79.17	
26 05 13 16-0200 EA #4 AWG Crimp Compression Connection For Bare Copper Wire.....	88.30	
26 05 13 16-0201 EA #3 AWG Crimp Compression Connection For Bare Copper Wire.....	102.90	
26 05 13 16-0202 EA #2 AWG Crimp Compression Connection For Bare Copper Wire.....	115.76	
26 05 13 16-0203 EA #1 AWG Crimp Compression Connection For Bare Copper Wire.....	131.06	
26 05 13 16-0204 EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	145.41	
26 05 13 16-0205 EA 2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	159.35	
26 05 13 16-0206 EA 3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	174.94	
26 05 13 16-0207 EA 4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	189.54	
26 05 13 16-0208 EA 250 MCM Crimp Compression Connection For Bare Copper Wire.....	204.89	
26 05 13 16-0209 EA 300 MCM Crimp Compression Connection For Bare Copper Wire.....	221.18	
26 05 13 16-0210 EA 350 MCM Crimp Compression Connection For Bare Copper Wire.....	235.20	
26 05 13 16-0211 EA 400 MCM Crimp Compression Connection For Bare Copper Wire.....	267.20	
26 05 13 16-0212 EA 500 MCM Crimp Compression Connection For Bare Copper Wire.....	301.49	
<b>26 05 13 16-0213 Aluminum Cable Splice, Crimp Compression Connection</b> <small>(26 05 13 16-0169)</small>		
Note: For bare wire.		
26 05 13 16-0214 EA #6 AWG Crimp Compression Connection For Bare Aluminum Wire .....	83.60	
26 05 13 16-0215 EA #4 AWG Crimp Compression Connection For Bare Aluminum Wire .....	90.74	
26 05 13 16-0216 EA #2 AWG Crimp Compression Connection For Bare Aluminum Wire .....	123.82	
26 05 13 16-0217 EA #1 AWG Crimp Compression Connection For Bare Aluminum Wire .....	151.57	
26 05 13 16-0218 EA 1/0 AWG Crimp Compression Connection For Bare Aluminum Wire .....	164.76	
26 05 13 16-0219 EA 2/0 AWG Crimp Compression Connection For Bare Aluminum Wire .....	177.83	
26 05 13 16-0220 EA 3/0 AWG Crimp Compression Connection For Bare Aluminum Wire .....	196.40	
26 05 13 16-0221 EA 4/0 AWG Crimp Compression Connection For Bare Aluminum Wire .....	212.24	
26 05 13 16-0222 EA 250 MCM Crimp Compression Connection For Bare Aluminum Wire .....	227.05	
26 05 13 16-0223 EA 300 MCM Crimp Compression Connection For Bare Aluminum Wire .....	242.84	
26 05 13 16-0224 EA 350 MCM Crimp Compression Connection For Bare Aluminum Wire .....	257.94	
26 05 13 16-0225 EA 400 MCM Crimp Compression Connection For Bare Aluminum Wire .....	299.78	
26 05 13 16-0226 EA 500 MCM Crimp Compression Connection For Bare Aluminum Wire .....	342.13	
<b>26 05 13 16-0227 15 KV</b> <small>(26 05 13 16-0168)</small>		
<b>26 05 13 16-0228 Single Conductor Pothead On Racks</b> <small>(26 05 13 16-0227)</small>		
Note: Includes pothead.		
26 05 13 16-0229 EA #2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks.....	1,826.68	486.80
26 05 13 16-0230 EA 250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks.....	2,348.35	602.70
<b>26 05 13 16-0231 Two Conductor Pothead On Rack</b> <small>(26 05 13 16-0227)</small>		
Note: Includes pothead.		
26 05 13 16-0232 EA #2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks .....	2,646.93	741.78
26 05 13 16-0233 EA 250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks .....	3,204.78	880.87
<b>26 05 13 16-0234 Three Conductor Pothead On Rack</b> <small>(26 05 13 16-0227)</small>		
Note: Includes pothead.		
26 05 13 16-0235 EA #2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks.....	3,355.30	962.00
26 05 13 16-0236 EA 250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks.....	4,174.17	1,205.40
<b>26 05 13 16-0237 Stress Relief Cone On Rack</b> <small>(26 05 13 16-0227)</small>		
26 05 13 16-0238 EA #2 To 4/0 AWG Stress Relief Cone, On Rack .....	1,676.97	486.80
26 05 13 16-0239 EA 250 To 500 MCM Stress Relief Cone, On Rack .....	2,180.03	602.70
<b>26 05 13 16-0240 Grounded, Shielded Cable Splice</b> <small>(26 05 13 16-0227)</small>		
26 05 13 16-0241 EA #2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV .....	1,118.54	359.30
26 05 13 16-0242 EA 250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV .....	1,428.54	463.61
26 05 13 16-0243 EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way .....	8,206.17	1,274.94
26 05 13 16-0244 EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way.....	10,883.62	1,390.85
<b>26 05 13 16-0245 Cable Termination</b> <small>(26 05 13 16-0227)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 13 Medium-Voltage Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0246	EA		#2 To 3/0 AWG Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	792.08 121.70	202.83
26 05 13 16-0247	EA		4/0 To 250 MCM Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	994.36 156.47	260.78
26 05 13 16-0248	EA		350 To 500 MCM Cable Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,239.17 191.24	318.74
26 05 13 16-0249	EA		#2 To 3/0 AWG Cable Elbow Termination 15 KV ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	523.30 69.54	115.91
<b>26 05 13 16-0250</b>			<b>Stress Cones, 5-15 KV, 4 Skirted</b> (26 05 13 16-0227)		
26 05 13 16-0251	EA		#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	1,163.35	150.68
26 05 13 16-0252	EA		2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	1,332.63	166.53
26 05 13 16-0253	EA		4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....	1,604.51	182.25
26 05 13 16-0254	EA		400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....	2,098.08	209.98
<b>26 05 13 16-0255</b>			<b>Stress Cones, 5-15 KV, 6 Skirted</b> (26 05 13 16-0227)		
26 05 13 16-0256	EA		#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	2,326.75	301.86
26 05 13 16-0257	EA		2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	2,665.63	333.06
26 05 13 16-0258	EA		4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....	3,195.49	357.73
26 05 13 16-0259	EA		400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....	4,196.16	419.94
<b>26 05 13 16-0260</b>			<b>35 KV</b> (26 05 13 16-0168)		
<b>26 05 13 16-0261</b>			<b>35 KV One Conductor Splice</b> (26 05 13 16-0260)		
26 05 13 16-0262	EA		#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing.....	2,807.52	
<b>26 05 13 16-0263</b>			<b>Cable Termination</b> (26 05 13 16-0260)		
26 05 13 16-0264	EA		#2 To 3/0 AWG Cable Termination, 35 KV.....	744.68	139.20
26 05 13 16-0265	EA		3/0 AWG To 250 MCM, 35 KV, Cable Termination.....	990.50	210.02
26 05 13 16-0266	EA		350 To 500 MCM Cable Termination 35 KV.....	1,175.38	224.62
26 05 13 16-0267	EA		#2 To 3/0 AWG Cable Elbow Termination 35 KV.....	583.58	115.91
<b>26 05 13 16-0268</b>			<b>70 KV</b> (26 05 13 16-0168)		
<b>26 05 13 16-0269</b>			<b>Cable Splice</b> (26 05 13 16-0268)		
26 05 13 16-0270	EA		350 MCM, 70 KV, Cable Splicing.....	19,716.24	
26 05 13 16-0271	EA		#2 To 4/0, 70 KV, Cable Splicing.....	2,958.97	

**26 05 19 Low-Voltage Electrical Power Conductors and Cables** (26 05)**26 05 19 13 Undercarpet Electrical Power Cables** (26 05 19)**26 05 19 13-0001 Under Carpet Power System** (26 05 19 13)

Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing

26 05 19 13-0002	LF		3-Conductor, #12 Flat Cable With Attached Bottom Shield.....	6.40	0.53
26 05 19 13-0003	LF		Steel, Top Shield.....	15.32	0.53
26 05 19 13-0004	EA		3-Conductor, Splice.....	35.22	9.00
26 05 19 13-0005	EA		Splice Top Shield For 3 Conductor.....	9.89	4.23
26 05 19 13-0006	EA		3-Conductor, Tap.....	44.04	10.59
26 05 19 13-0007	EA		Insulating Patch, Splice Tap And End.....	69.97	9.00
26 05 19 13-0008	EA		3-Conductor, Transition Block Assembly.....	45.75	5.29
26 05 19 13-0009	EA		Single, Direct Connected, Receptacle With Box.....	137.82	16.94
26 05 19 13-0010	EA		Dual, Direct Connected, Receptacle With Box.....	229.99	26.47
26 05 19 13-0011	EA		Floor Mounted Box With Cover.....	230.09	21.18
26 05 19 13-0012	LF		5-Conductor, #12 Cable With Attached Bottom Shield.....	10.23	0.53
26 05 19 13-0013	LF		Steel, Top Shield For 5-Conductor Cable.....	10.15	0.53
26 05 19 13-0014	EA		5-Conductor, Splice.....	35.72	9.00
26 05 19 13-0015	EA		5-Conductor, Transition Block Assembly.....	60.83	5.29
26 05 19 13-0016	EA		Box, Wall, Flush With Cover.....	101.25	21.18
26 05 19 13-0017	EA		Telephone, Transition Fitting Wall Box.....	66.12	17.48
26 05 19 13-0018	EA		RJ-45, Telephone Fitting With Duplex Jack And Cover.....	87.53	20.12
26 05 19 13-0019	EA		Miniature Telephone With Duplex RJ-45.....	37.79	7.94
26 05 19 13-0020	LF		4-Pair, Level 5, Under Carpet Telephone Wire.....	2.18	0.53
26 05 19 13-0021	EA		BNC, Coax Plug, Connector.....	29.41	10.59
26 05 19 13-0022	EA		TNC, Coax Plug, Connector.....	29.41	10.59
26 05 19 13-0023	CLF		Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	155.11	52.94

**26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables** (26 05 19)**26 05 19 16-0001 Cable Installation Methods** (26 05 19 16)**26 05 19 16-0002 Pull Cord** (26 05 19 16-0001)

Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.

26 05 19 16-0003	LF		Pull String Installed To Remain In Place, In Existing Conduit.....	0.37	
------------------	----	--	--	------	--



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0004 LF Pull String Installed To Remain In Place, In New Conduits .....	0.19	
26 05 19 16-0005 LF 1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit .....	0.64	
26 05 19 16-0006 LF 1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.41	
<b>26 05 19 16-0007 Bore Conduit Into Dirt Or Sand</b> <small>(26 05 19 16-0001)</small>		
Note: For installation under roads, driveways or other structures up to 20'.		
26 05 19 16-0008 LF Bore 1" To 4" Conduit Into Dirt Or Sand .....	3.63	
26 05 19 16-0009 LF Bore 5" To 8" Conduit Into Dirt Or Sand .....	4.63	
<b>26 05 19 16-0010 Wire and Cable</b> <small>(26 05 19 16)</small>		
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.		
<b>26 05 19 16-0011 Multi-Conductor Cords, Cables And Associated Equipment</b> <small>(26 05 19 16-0010)</small>		
<b>26 05 19 16-0012 Multi-Conductor Cords</b> <small>(26 05 19 16-0011)</small>		
Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
<b>26 05 19 16-0013 Multi-Conductor Type SOOW And SJOOW Cord</b> <small>(26 05 19 16-0012)</small>		
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
<b>26 05 19 16-0014 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0013)</small>		
<b>26 05 19 16-0015 #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0014)</small>		
26 05 19 16-0016 LF 2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.07	0.46
26 05 19 16-0017 LF 3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.11	0.46
26 05 19 16-0018 LF 4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.21	0.46
<b>26 05 19 16-0019 #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0014)</small>		
26 05 19 16-0020 LF 2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.24	0.46
26 05 19 16-0021 LF 3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.31	0.46
26 05 19 16-0022 LF 4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.40	0.46
<b>26 05 19 16-0023 #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0014)</small>		
26 05 19 16-0024 LF 2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.36	0.46
26 05 19 16-0025 LF 3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.46	0.46
26 05 19 16-0026 LF 4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.66	0.46
<b>26 05 19 16-0027 #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0014)</small>		
26 05 19 16-0028 LF 2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.53	0.46
26 05 19 16-0029 LF 3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.65	0.46
26 05 19 16-0030 LF 4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.83	0.46
<b>26 05 19 16-0031 #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0014)</small>		
26 05 19 16-0032 LF 2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.94	0.58
26 05 19 16-0033 LF 3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.02	0.58
26 05 19 16-0034 LF 4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.15	0.58
<b>26 05 19 16-0035 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0013)</small>		
<b>26 05 19 16-0036 #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0037 LF 2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.11	0.46
26 05 19 16-0038 LF 3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.18	0.46
26 05 19 16-0039 LF 4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.28	0.46
26 05 19 16-0040 LF 5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.10	0.62
26 05 19 16-0041 LF 6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.28	0.64
26 05 19 16-0042 LF 7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.41	0.66
26 05 19 16-0043 LF 8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.63	0.68
26 05 19 16-0044 LF 10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.00	0.71
26 05 19 16-0045 LF 12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.37	0.73
26 05 19 16-0046 LF 14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.35	0.75
26 05 19 16-0047 LF 16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.43	0.76



**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0048	LF		18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.55	0.78
26 05 19 16-0049	LF		20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.03	0.80
26 05 19 16-0050	LF		24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.26	0.82
26 05 19 16-0051	LF		30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.54	0.87
<b>26 05 19 16-0052 #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b>					
<small>(26 05 19 16-0035)</small>					
26 05 19 16-0053	LF		2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.30	0.46
26 05 19 16-0054	LF		3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.37	0.46
26 05 19 16-0055	LF		4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.49	0.46
26 05 19 16-0056	LF		5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.19	0.62
26 05 19 16-0057	LF		6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.39	0.64
26 05 19 16-0058	LF		7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.59	0.66
26 05 19 16-0059	LF		8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.85	0.68
26 05 19 16-0060	LF		9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.96	0.69
26 05 19 16-0061	LF		10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.26	0.71
26 05 19 16-0062	LF		12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.75	0.73
26 05 19 16-0063	LF		14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.01	0.75
26 05 19 16-0064	LF		16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.50	0.76
26 05 19 16-0065	LF		18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.15	0.78
26 05 19 16-0066	LF		20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.75	0.80
26 05 19 16-0067	LF		24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.88	0.82
26 05 19 16-0068	LF		26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.53	0.83
26 05 19 16-0069	LF		30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.73	0.87
<b>26 05 19 16-0070 #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b>					
<small>(26 05 19 16-0035)</small>					
26 05 19 16-0071	LF		2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.48	0.46
26 05 19 16-0072	LF		3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.55	0.46
26 05 19 16-0073	LF		4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.73	0.46
26 05 19 16-0074	LF		5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.75	0.62
26 05 19 16-0075	LF		6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.25	0.64
26 05 19 16-0076	LF		7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.43	0.66
26 05 19 16-0077	LF		8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.83	0.68
26 05 19 16-0078	LF		9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.10	0.69
26 05 19 16-0079	LF		10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.55	0.71
26 05 19 16-0080	LF		12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.98	0.73
26 05 19 16-0081	LF		14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.47	0.75
26 05 19 16-0082	LF		16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.52	0.76
26 05 19 16-0083	LF		20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.29	0.80
26 05 19 16-0084	LF		24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.54	0.82
26 05 19 16-0085	LF		30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.06	0.87
<b>26 05 19 16-0086 #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b>					
<small>(26 05 19 16-0035)</small>					
26 05 19 16-0087	LF		2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.66	0.46
26 05 19 16-0088	LF		3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.80	0.46
26 05 19 16-0089	LF		4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.94	0.46
26 05 19 16-0090	LF		5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.11	0.62
26 05 19 16-0091	LF		6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.57	0.64
26 05 19 16-0092	LF		7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.04	0.66
26 05 19 16-0093	LF		8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.56	0.68
26 05 19 16-0094	LF		9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.92	0.69
26 05 19 16-0095	LF		10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.54	0.71
26 05 19 16-0096	LF		12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.26	0.73
26 05 19 16-0097	LF		14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.94	0.75
26 05 19 16-0098	LF		16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.62	0.76



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0099 LF 18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.95	0.78
26 05 19 16-0100 LF 20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.12	0.80
26 05 19 16-0101 LF 24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.32	0.82
26 05 19 16-0102 LF 26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.52	0.83
26 05 19 16-0103 LF 28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.91	0.85
26 05 19 16-0104 LF 30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.34	0.87
<b>26 05 19 16-0105 #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0106 LF 2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.90	0.58
26 05 19 16-0107 LF 3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.02	0.58
26 05 19 16-0108 LF 4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.14	0.58
26 05 19 16-0109 LF 5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.73	0.62
26 05 19 16-0110 LF 6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.31	0.64
26 05 19 16-0111 LF 7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.02	0.66
26 05 19 16-0112 LF 10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.41	0.71
26 05 19 16-0113 LF 12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.30	0.73
26 05 19 16-0114 LF 16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.23	0.76
26 05 19 16-0115 LF 20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	13.30	0.80
<b>26 05 19 16-0116 #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0117 LF 3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	3.64	0.69
26 05 19 16-0118 LF 4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	3.93	0.81
26 05 19 16-0119 LF 5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.24	0.81
<b>26 05 19 16-0120 #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0121 LF 3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.08	0.81
26 05 19 16-0122 LF 4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.12	0.93
26 05 19 16-0123 LF 5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	7.35	1.16
<b>26 05 19 16-0124 #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0125 LF 3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.03	1.16
26 05 19 16-0126 LF 4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.78	1.27
26 05 19 16-0127 LF 5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	10.54	1.39
<b>26 05 19 16-0128 #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord</b> <small>(26 05 19 16-0035)</small>		
26 05 19 16-0129 LF 3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	12.39	2.32
26 05 19 16-0130 LF 4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	15.73	2.90
26 05 19 16-0131 LF 5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	19.24	3.83
<b>26 05 19 16-0132 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0013)</small>		
<b>26 05 19 16-0133 #18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0132)</small>		
26 05 19 16-0134 LF 2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.40	0.46
26 05 19 16-0135 LF 3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.51	0.46
26 05 19 16-0136 LF 4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.74	0.46
<b>26 05 19 16-0137 #16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0132)</small>		
26 05 19 16-0138 LF 2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.47	0.46
26 05 19 16-0139 LF 3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.65	0.46
26 05 19 16-0140 LF 4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.73	0.46
<b>26 05 19 16-0141 #14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord</b> <small>(26 05 19 16-0132)</small>		
26 05 19 16-0142 LF 2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.92	0.46

**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0143 LF 3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.66	0.46
26 05 19 16-0144 LF 4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	3.36	0.58
<b>26 05 19 16-0145 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0013)</b>		
<b>26 05 19 16-0146 #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0145)</b>		
26 05 19 16-0147 LF 2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	1.87	0.46
26 05 19 16-0148 LF 3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.18	0.46
26 05 19 16-0149 LF 4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.50	0.46
<b>26 05 19 16-0150 #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0145)</b>		
26 05 19 16-0151 LF 2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	1.98	0.46
26 05 19 16-0152 LF 3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.29	0.46
26 05 19 16-0153 LF 4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.80	0.46
26 05 19 16-0154 LF 5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.03	0.58
<b>26 05 19 16-0155 #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0145)</b>		
26 05 19 16-0156 LF 3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.37	0.46
26 05 19 16-0157 LF 4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.78	0.46
26 05 19 16-0158 LF 5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.10	0.58
<b>26 05 19 16-0159 #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0145)</b>		
26 05 19 16-0160 LF 3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.76	0.46
26 05 19 16-0161 LF 4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.12	0.46
26 05 19 16-0162 LF 5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.47	0.58
<b>26 05 19 16-0163 #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (26 05 19 16-0145)</b>		
26 05 19 16-0164 LF 3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.14	0.58
26 05 19 16-0165 LF 4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.47	0.58
26 05 19 16-0166 LF 5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.80	0.58
<b>26 05 19 16-0167 Multi-Conductor Type SEOW Cord (26 05 19 16-0012)</b> Note: Includes thermoplastic elastomeric (TPE) insulation.		
<b>26 05 19 16-0168 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord (26 05 19 16-0167)</b>		
<b>26 05 19 16-0169 #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord (26 05 19 16-0168)</b>		
26 05 19 16-0170 LF 3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.48	0.46
26 05 19 16-0171 LF 4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.61	0.46
26 05 19 16-0172 LF 5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.32	0.58
<b>26 05 19 16-0173 #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord (26 05 19 16-0168)</b>		
26 05 19 16-0174 LF 3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.86	0.46
26 05 19 16-0175 LF 4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.10	0.46
26 05 19 16-0176 LF 5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.92	0.58
<b>26 05 19 16-0177 #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord (26 05 19 16-0168)</b>		
26 05 19 16-0178 LF 3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.25	0.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0179 LF 4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.55	0.46
26 05 19 16-0180 LF 5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.17	0.58
<b>26 05 19 16-0181 #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord</b> <small>(26 05 19 16-0181)</small>		
26 05 19 16-0182 LF 3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.80	0.58
26 05 19 16-0183 LF 4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.17	0.58
26 05 19 16-0184 LF 5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.39	0.58
<b>26 05 19 16-0185 Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0012)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
<b>26 05 19 16-0186 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0185)</small>		
<b>26 05 19 16-0187 #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0186)</small>		
26 05 19 16-0188 LF 3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	3.95	0.69
26 05 19 16-0189 LF 4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.22	0.81
26 05 19 16-0190 LF 5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.95	0.81
<b>26 05 19 16-0191 #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0186)</small>		
26 05 19 16-0192 LF 3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.25	0.81
26 05 19 16-0193 LF 4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.06	0.93
26 05 19 16-0194 LF 5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.27	1.16
<b>26 05 19 16-0195 #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord</b> <small>(26 05 19 16-0186)</small>		
26 05 19 16-0196 LF 3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.61	0.81
26 05 19 16-0197 LF 4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.63	0.93
26 05 19 16-0198 LF 5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	8.48	1.16
<b>26 05 19 16-0199 Cord Grips, Cable Reels, Extension Cords, And Accessories</b> <small>(26 05 19 16-0011)</small>		
<b>26 05 19 16-0200 Cord Grips</b> <small>(26 05 19 16-0199)</small>		
26 05 19 16-0201 EA Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel.....	73.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.07	
26 05 19 16-0202 EA Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel.....	74.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.07	
<b>26 05 19 16-0203 Cable Reels</b> <small>(26 05 19 16-0199)</small> Note: Includes handling, mounting, electrical connections and installing cord. See CSI section 26 05 19 16-0011 for cords.		
26 05 19 16-0204 EA 30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A).....	674.11	57.95
26 05 19 16-0205 EA 50', 10-4, SEOW, Extension Cord Reel (Reelcraft L 7050 104 X 1) .....	1,873.44	57.95
26 05 19 16-0206 EA 50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K).....	1,399.35	57.95
<b>26 05 19 16-0207 Extension Cords For Cable Reel</b> <small>(26 05 19 16-0199)</small>		
26 05 19 16-0208 EA 100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord.....	208.23	
26 05 19 16-0209 EA 100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord.....	297.52	
<b>26 05 19 16-0210 Plugs And Connector Bodies</b> <small>(26 05 19 16-0199)</small> Note: Up to 277 volt		
<b>26 05 19 16-0211 NEMA Twist-Lock Plugs</b> <small>(26 05 19 16-0210)</small>		
26 05 19 16-0212 EA 15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C) .....	78.34	
26 05 19 16-0213 EA 15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	79.91	
26 05 19 16-0214 EA 20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C) .....	73.31	
26 05 19 16-0215 EA 20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331) .....	78.14	
26 05 19 16-0216 EA 20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411) .....	100.82	
26 05 19 16-0217 EA 20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441) .....	106.97	
26 05 19 16-0218 EA 20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK) .....	112.98	
26 05 19 16-0219 EA 30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK) .....	101.74	
26 05 19 16-0220 EA 30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK) .....	116.51	
26 05 19 16-0221 EA 30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761) .....	119.38	
26 05 19 16-0222 EA 30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK) .....	123.04	
<b>26 05 19 16-0223 NEMA Twist-Lock Connector Bodies</b> <small>(26 05 19 16-0210)</small>		
26 05 19 16-0224 EA 15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C).....	82.78	
26 05 19 16-0225 EA 15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C).....	88.34	
26 05 19 16-0226 EA 20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C).....	76.64	
26 05 19 16-0227 EA 20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK).....	101.74	
26 05 19 16-0228 EA 20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK).....	117.95	
26 05 19 16-0229 EA 20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443).....	125.79	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 05 19 16-0230	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	152.19	
26 05 19 16-0231	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	145.53	
26 05 19 16-0232	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	178.60	
26 05 19 16-0233	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	187.35	
26 05 19 16-0234	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	177.81	

**26 05 19 16-0235 Watertight Pin And Sleeve Plug** (26 05 19 16-0210)

26 05 19 16-0236	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	265.31	34.77
26 05 19 16-0237	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	268.15	34.77
26 05 19 16-0238	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	290.19	34.77
26 05 19 16-0239	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	290.51	38.25
26 05 19 16-0240	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	286.23	38.25
26 05 19 16-0241	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	287.50	38.25
26 05 19 16-0242	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	405.20	42.77
26 05 19 16-0243	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	394.55	42.77
26 05 19 16-0244	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	440.30	42.77
26 05 19 16-0245	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	432.35	46.94
26 05 19 16-0246	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	413.85	46.94
26 05 19 16-0247	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	426.58	46.94
26 05 19 16-0248	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	550.68	55.64
26 05 19 16-0249	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	560.82	55.64
26 05 19 16-0250	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	536.77	55.64
26 05 19 16-0251	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	611.37	61.89
26 05 19 16-0252	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	595.58	61.89
26 05 19 16-0253	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	602.41	61.89
26 05 19 16-0254	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	756.03	69.54
26 05 19 16-0255	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	795.21	69.54
26 05 19 16-0256	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	774.87	76.50
26 05 19 16-0257	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	761.50	76.50
26 05 19 16-0258	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	768.72	76.50

**26 05 19 16-0259 Watertight Pin And Sleeve Connector** (26 05 19 16-0210)

26 05 19 16-0260	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	281.63	34.77
26 05 19 16-0261	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	283.60	34.77
26 05 19 16-0262	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	334.37	34.77
26 05 19 16-0263	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	331.65	38.25
26 05 19 16-0264	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	326.50	38.25
26 05 19 16-0265	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	331.16	38.25
26 05 19 16-0266	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	414.96	42.77
26 05 19 16-0267	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	414.85	42.77
26 05 19 16-0268	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	432.36	42.77
26 05 19 16-0269	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	427.60	46.94
26 05 19 16-0270	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	431.20	46.94
26 05 19 16-0271	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	427.40	46.94
26 05 19 16-0272	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	650.75	55.64
26 05 19 16-0273	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	629.30	55.64
26 05 19 16-0274	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	616.52	55.64
26 05 19 16-0275	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	670.93	61.89
26 05 19 16-0276	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	689.57	61.89
26 05 19 16-0277	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	690.94	61.89
26 05 19 16-0278	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	865.80	69.54
26 05 19 16-0279	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	890.40	69.54
26 05 19 16-0280	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	962.09	76.50
26 05 19 16-0281	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	928.30	76.50
26 05 19 16-0282	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	939.82	76.50

**26 05 19 16-0283 Accessories** (26 05 19 16-0199)

26 05 19 16-0284	EA	1/2" Straight Steel Cord Connector	62.25	11.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 19 16-0285	EA	1/2" Straight Nylon Cord Connector	36.92	8.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
26 05 19 16-0286	EA	1/2" 90 Degree Steel Cord Connector	70.97	14.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 05 19 16-0287	EA	1/2" 90 Degree Nylon Cord Connector	44.17	11.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 19 16-0288	EA	1/2" Straight Steel Cord Connector With Strain Relief Mesh	70.00	14.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 05 19 16-0289	EA	1/2" 90 Degree Steel Cord Connector With Strain Relief Mesh	122.94	17.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 05 19 16-0290	EA	1/2" Straight Nylon Cord Connector With Strain Relief Mesh	43.42	11.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 19 16-0291	EA	1/2" 90 Degree Nylon Cord Connector With Strain Relief Mesh	74.52	14.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 05 19 16-0292	EA	3/4" Straight Steel Cord Connector	64.99	11.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 19 16-0293	EA	3/4" Straight Nylon Cord Connector	38.30	8.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0294 EA 3/4" 90 Degree Steel Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.56 8.69	14.48
26 05 19 16-0295 EA 3/4" 90 Degree Nylon Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.47 6.95	11.59
26 05 19 16-0296 EA 3/4" Straight Steel Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.68 10.43	17.39
26 05 19 16-0297 EA 3/4" 90 Degree Steel Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	93.68 12.17	20.29
26 05 19 16-0298 EA 3/4" Straight Nylon Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.11 8.69	14.48
26 05 19 16-0299 EA 3/4" 90 Degree Nylon Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.96 10.43	17.39
26 05 19 16-0300 EA 1" Straight Steel Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.63 6.95	11.59
26 05 19 16-0301 EA 1" Straight Nylon Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.12 5.22	8.69
26 05 19 16-0302 EA 1" 90 Degree Steel Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.21 8.69	14.48
26 05 19 16-0303 EA 1" 90 Degree Nylon Cord Connector ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.30 6.95	11.59
26 05 19 16-0304 EA 1" Straight Steel Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.20 10.43	17.39
26 05 19 16-0305 EA 1" 90 Degree Steel Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.91 12.17	20.29
26 05 19 16-0306 EA 1" Straight Nylon Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.51 8.69	14.48
26 05 19 16-0307 EA 1" 90 Degree Nylon Cord Connector With Strain Relief Mesh ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.92 10.43	17.39
<b>26 05 19 16-0308 600 Volt Wire</b> <small>(26 05 19 16-0010)</small>		
<b>26 05 19 16-0309 Single Solid Conductor, Copper</b> <small>(26 05 19 16-0308)</small>		
26 05 19 16-0310 MLF #14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	636.61	256.99
26 05 19 16-0311 MLF #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	796.28	302.31
26 05 19 16-0312 MLF #10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	984.26	369.65
26 05 19 16-0313 MLF #14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	816.64	256.99
26 05 19 16-0314 MLF #12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	986.59	302.31
26 05 19 16-0315 MLF #10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,182.88	369.65
<b>26 05 19 16-0316 Power Cable, Stranded Conductor, Copper</b> <small>(26 05 19 16-0308)</small>		
<b>26 05 19 16-0317 Power Cable, Stranded, Single Conductor, XHHW-2</b> <small>(26 05 19 16-0316)</small>		
26 05 19 16-0318 MLF #16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	667.25	211.77
26 05 19 16-0319 MLF #14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	787.70	254.13
26 05 19 16-0320 MLF #12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	969.67	296.49
26 05 19 16-0321 MLF #10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,193.14	338.84
26 05 19 16-0322 MLF #8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,590.37	423.55
26 05 19 16-0323 MLF #6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,149.41	508.26
26 05 19 16-0324 MLF #4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,943.43	635.33
26 05 19 16-0325 MLF #3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,483.00	720.04
26 05 19 16-0326 MLF #2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	4,124.80	804.75
26 05 19 16-0327 MLF #1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	5,114.96	889.46
26 05 19 16-0328 MLF 1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	6,137.54	1,016.53
26 05 19 16-0329 MLF 2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	7,353.30	1,143.59
26 05 19 16-0330 MLF 3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	8,803.04	1,270.65
26 05 19 16-0331 MLF 4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	10,550.88	1,397.72
26 05 19 16-0332 MLF 250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	11,180.79	1,524.79
26 05 19 16-0333 MLF 300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	13,259.86	1,651.86
26 05 19 16-0334 MLF 350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	14,145.00	1,778.91
26 05 19 16-0335 MLF 400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	15,823.35	1,905.98
26 05 19 16-0336 MLF 500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	18,325.18	2,033.05
26 05 19 16-0337 MLF 600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	21,106.20	2,202.47
26 05 19 16-0338 MLF 750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	32,096.19	2,456.60
26 05 19 16-0339 MLF 1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	45,280.48	2,880.15
<b>26 05 19 16-0340 Power Cable, Stranded, Multi Conductor, XHHW-2</b> <small>(26 05 19 16-0316)</small>		
26 05 19 16-0341 MLF 2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,575.40	508.16
26 05 19 16-0342 MLF 3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,939.56	593.08
26 05 19 16-0343 MLF 4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,409.70	720.04
26 05 19 16-0344 MLF 6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,872.33	783.25
26 05 19 16-0345 MLF 7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,131.20	825.82
26 05 19 16-0346 MLF 9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,647.36	910.43
26 05 19 16-0347 MLF 10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,524.67	948.97
26 05 19 16-0348 MLF 12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,422.79	1,037.71
26 05 19 16-0349 MLF 14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,886.78	1,101.45
26 05 19 16-0350 MLF 24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,151.55	1,397.83
26 05 19 16-0351 MLF 37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	10,826.42	2,075.40
26 05 19 16-0352 MLF 2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,939.59	593.08
26 05 19 16-0353 MLF 3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,485.56	720.04



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0354	MLF	4	Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,031.56	847.10
26 05 19 16-0355	MLF	2	Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,597.26	762.07
26 05 19 16-0356	MLF	3	Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,365.67	930.97
26 05 19 16-0357	MLF	4	Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,349.55	1,186.16
26 05 19 16-0358	MLF	6	Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,889.54	1,525.32
26 05 19 16-0359	MLF	9	Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,985.45	1,948.44
26 05 19 16-0360	MLF	2	Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,233.70	868.29
26 05 19 16-0361	MLF	3	Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,135.79	1,016.53
26 05 19 16-0362	MLF	4	Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,355.57	1,291.83
26 05 19 16-0363	MLF	2	Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,193.04	974.17
26 05 19 16-0364	MLF	3	Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,654.07	1,207.13
26 05 19 16-0365	MLF	4	Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,236.98	1,488.78
26 05 19 16-0366	MLF	2	Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,664.93	1,181.92
26 05 19 16-0367	MLF	3	Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,445.04	1,351.87
26 05 19 16-0368	MLF	4	Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	9,637.84	1,687.01
26 05 19 16-0369	MLF	2	Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,824.97	1,439.65
26 05 19 16-0370	MLF	3	Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	10,363.58	1,609.93
26 05 19 16-0371	MLF	4	Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	13,746.13	2,117.76
26 05 19 16-0372	MLF	3	Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	13,755.68	2,032.73
26 05 19 16-0373	MLF	4	Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	17,915.78	2,540.26
26 05 19 16-0374	MLF	3	Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	16,295.81	2,202.89
26 05 19 16-0375	MLF	3	Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	19,833.54	2,540.26
26 05 19 16-0376	MLF	3	Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	24,288.15	2,963.59
26 05 19 16-0377	MLF	4	Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	32,031.39	3,810.38
26 05 19 16-0378	MLF	3	Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	29,648.03	3,391.28
26 05 19 16-0379	MLF	3	Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	31,632.27	3,810.38
26 05 19 16-0380	MLF	3	Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	39,681.86	4,235.52
26 05 19 16-0381	MLF	3	Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	51,365.32	4,655.05

### 26 05 19 16-0382 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper

(26 05 19 16-0382)

Note: Direct bury.

26 05 19 16-0383	MLF	#14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	964.48
26 05 19 16-0384	MLF	#12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,135.77
26 05 19 16-0385	MLF	#10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,432.28
26 05 19 16-0386	MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,890.25
26 05 19 16-0387	MLF	#6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,667.55
26 05 19 16-0388	MLF	#4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,522.68
26 05 19 16-0389	MLF	#2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,120.54
26 05 19 16-0390	MLF	#1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,396.69
26 05 19 16-0391	MLF	1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,864.08
26 05 19 16-0392	MLF	2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,549.80
26 05 19 16-0393	MLF	3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	11,537.67
26 05 19 16-0394	MLF	4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	13,042.52
26 05 19 16-0395	MLF	250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,121.29
26 05 19 16-0396	MLF	300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	16,947.13
26 05 19 16-0397	MLF	350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,963.66
26 05 19 16-0398	MLF	400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	21,327.44
26 05 19 16-0399	MLF	500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	25,312.98
26 05 19 16-0400	MLF	600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	29,932.77
26 05 19 16-0401	MLF	750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	47,835.98
26 05 19 16-0402	MLF	#14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	781.53
26 05 19 16-0403	MLF	#12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	936.91
26 05 19 16-0404	MLF	#10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,121.63
26 05 19 16-0405	MLF	#8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,375.88
26 05 19 16-0406	MLF	#6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,769.28
26 05 19 16-0407	MLF	#4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,352.42
26 05 19 16-0408	MLF	#2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,193.39
26 05 19 16-0409	MLF	#1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,777.80
26 05 19 16-0410	MLF	1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,276.39
26 05 19 16-0411	MLF	2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,819.74
26 05 19 16-0412	MLF	3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,600.33
26 05 19 16-0413	MLF	4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,543.82
26 05 19 16-0414	MLF	250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,422.01
26 05 19 16-0415	MLF	300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,348.26
26 05 19 16-0416	MLF	350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,353.51
26 05 19 16-0417	MLF	400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,393.14
26 05 19 16-0418	MLF	500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,103.19
26 05 19 16-0419	MLF	750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	20,232.25
26 05 19 16-0420	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	653.14
26 05 19 16-0421	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	812.31
26 05 19 16-0422	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,007.09
26 05 19 16-0423	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,415.78
26 05 19 16-0424	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,929.94
26 05 19 16-0425	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,555.82
26 05 19 16-0426	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,655.92
26 05 19 16-0427	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,358.81



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0428 MLF 1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,071.17	
26 05 19 16-0429 MLF 2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,758.62	
26 05 19 16-0430 MLF 3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,840.13	
26 05 19 16-0431 MLF 4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,156.82	
26 05 19 16-0432 MLF 250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,582.07	
26 05 19 16-0433 MLF 300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	11,067.45	
26 05 19 16-0434 MLF 350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,664.77	
26 05 19 16-0435 MLF 400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,205.62	
26 05 19 16-0436 MLF 500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	16,882.94	
26 05 19 16-0437 MLF 600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	20,308.48	
26 05 19 16-0438 MLF 750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	32,166.65	
26 05 19 16-0439 MLF #2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,408.16	
26 05 19 16-0440 MLF 1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,760.80	
26 05 19 16-0441 MLF 2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,617.04	
26 05 19 16-0442 MLF 3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,786.84	
26 05 19 16-0443 MLF 4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,876.59	
26 05 19 16-0444 MLF 250 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	11,721.84	
26 05 19 16-0445 MLF 350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	16,796.74	
26 05 19 16-0446 MLF 400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,259.58	
26 05 19 16-0447 MLF 500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	20,821.21	
<b>26 05 19 16-0448 600 Volt, Armored Cable, Copper Conductors</b> <small>(26 05 19 16-0308)</small>		
<b>26 05 19 16-0449 ACTHH, Solid</b> <small>(26 05 19 16-0448)</small>		
26 05 19 16-0450 MLF 1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable.....	2,635.64	695.42
26 05 19 16-0451 MLF 1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable.....	3,046.85	788.14
26 05 19 16-0452 MLF 1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable.....	3,520.73	834.51
26 05 19 16-0453 MLF 2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	3,721.34	1,159.04
26 05 19 16-0454 MLF 2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	3,958.53	1,297.89
26 05 19 16-0455 MLF 2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	5,116.32	1,438.01
26 05 19 16-0456 MLF 2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	6,841.46	1,576.87
26 05 19 16-0457 MLF 3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	4,552.67	1,297.89
26 05 19 16-0458 MLF 3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	4,729.60	1,438.01
26 05 19 16-0459 MLF 3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	6,157.75	1,623.34
26 05 19 16-0460 MLF 3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	8,175.89	1,761.50
26 05 19 16-0461 MLF 4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	5,484.56	1,438.01
26 05 19 16-0462 MLF 4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	5,985.69	1,623.34
26 05 19 16-0463 MLF 4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	7,747.72	1,808.21
26 05 19 16-0464 MLF 4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	10,252.90	1,947.99
<b>26 05 19 16-0465 ACTHH, Stranded</b> <small>(26 05 19 16-0448)</small>		
26 05 19 16-0466 MLF 2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	7,074.37	1,670.05
26 05 19 16-0467 MLF 2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	8,699.08	1,900.00
26 05 19 16-0468 MLF 3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	8,408.40	1,854.46
26 05 19 16-0469 MLF 3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	10,673.67	2,084.64
26 05 19 16-0470 MLF 3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable.....	13,678.10	2,318.07
26 05 19 16-0471 MLF 3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable.....	15,788.60	2,547.33
26 05 19 16-0472 MLF 3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable.....	18,166.72	2,779.48
26 05 19 16-0473 MLF 4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	10,944.59	2,224.65
26 05 19 16-0474 MLF 4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	13,378.26	2,455.54
26 05 19 16-0475 MLF 4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable.....	17,462.59	2,689.20
26 05 19 16-0476 MLF 4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable.....	19,152.35	2,919.50
26 05 19 16-0477 MLF 4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable.....	22,892.99	3,149.56
<b>26 05 19 16-0478 HCFC, Solid</b> <small>(26 05 19 16-0448)</small>		
26 05 19 16-0479 MLF 2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	4,238.76	1,159.04
26 05 19 16-0480 MLF 2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	4,623.26	1,302.29
26 05 19 16-0481 MLF 2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	5,180.90	1,430.95
26 05 19 16-0482 MLF 3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	5,193.46	1,302.29
26 05 19 16-0483 MLF 3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	5,554.01	1,430.95
26 05 19 16-0484 MLF 3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	7,392.14	1,632.50
26 05 19 16-0485 MLF 4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	6,471.86	1,430.95
26 05 19 16-0486 MLF 4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	7,034.20	1,632.50
26 05 19 16-0487 MLF 4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	9,841.68	1,811.00
<b>26 05 19 16-0488 MC, Solid Or Stranded, Galvanized Steel Armor</b> <small>(26 05 19 16-0448)</small>		



**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

26 05 19 16-0489	MLF 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	3,696.09	1,159.04
26 05 19 16-0490	MLF 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	4,124.18	1,302.29
26 05 19 16-0491	MLF 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	5,029.47	1,430.95
26 05 19 16-0492	MLF 2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	6,592.94	1,529.11
26 05 19 16-0493	MLF 2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	8,360.20	1,621.03
26 05 19 16-0494	MLF 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	4,288.45	1,302.29
26 05 19 16-0495	MLF 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	4,859.13	1,430.95
26 05 19 16-0496	MLF 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	6,274.32	1,632.50
26 05 19 16-0497	MLF 3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	8,347.15	1,761.50
26 05 19 16-0498	MLF 3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	9,847.76	1,900.00
26 05 19 16-0499	MLF 3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	12,353.89	2,040.60
26 05 19 16-0500	MLF 3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	17,436.54	2,178.64
26 05 19 16-0501	MLF 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	5,014.57	1,430.95
26 05 19 16-0502	MLF 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	5,748.38	1,632.50
26 05 19 16-0503	MLF 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	9,042.34	1,811.00
26 05 19 16-0504	MLF 4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	12,515.94	1,994.93
26 05 19 16-0505	MLF 4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	15,462.75	2,134.48
26 05 19 16-0506	MLF 4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	20,702.44	2,272.63
26 05 19 16-0507	MLF 4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable .....	27,034.50	2,409.63

**26 05 19 16-0508 MC, Solid Or Stranded, Aluminum Armor** (26 05 19 16-0448)

26 05 19 16-0509	MLF 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	3,660.74	1,159.04
26 05 19 16-0510	MLF 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	4,032.53	1,302.29
26 05 19 16-0511	MLF 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	4,948.41	1,430.95
26 05 19 16-0512	MLF 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	4,436.07	1,302.29
26 05 19 16-0513	MLF 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	4,777.69	1,430.95
26 05 19 16-0514	MLF 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	6,209.92	1,632.50
26 05 19 16-0515	MLF 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	5,716.39	1,430.95
26 05 19 16-0516	MLF 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	6,257.04	1,632.50
26 05 19 16-0517	MLF 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable .....	9,042.34	1,811.00

**26 05 19 16-0518 FPLP Solid TFN Red Armored Cable** (26 05 19 16-0448)

Note: Color coded red.

26 05 19 16-0519	MLF #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable .....	3,938.29	880.87
26 05 19 16-0520	MLF #18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable .....	4,461.90	1,019.95
26 05 19 16-0521	MLF #18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable .....	5,587.13	1,159.04
26 05 19 16-0522	MLF #18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable .....	6,425.07	1,298.12
26 05 19 16-0523	MLF #16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable .....	4,473.35	1,019.95
26 05 19 16-0524	MLF #16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable .....	5,312.34	1,159.04
26 05 19 16-0525	MLF #16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable .....	6,755.02	1,298.12
26 05 19 16-0526	MLF #16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable .....	7,705.38	1,437.20

**26 05 19 16-0527 FPLP Solid THHN Red Armored Cable** (26 05 19 16-0448)

Note: Color coded red.

26 05 19 16-0528	MLF #14/2 With #14 Ground Type THHN FPLP Red Armored Cable .....	4,955.33	1,159.04
26 05 19 16-0529	MLF #14/4 With #14 Ground Type THHN FPLP Red Armored Cable .....	6,228.35	1,298.12
26 05 19 16-0530	MLF #14/6 With #14 Ground Type THHN FPLP Red Armored Cable .....	8,441.25	1,437.20
26 05 19 16-0531	MLF #14/8 With #14 Ground Type THHN FPLP Red Armored Cable .....	9,835.01	1,576.28
26 05 19 16-0532	MLF #12/2 With #12 Ground Type THHN FPLP Red Armored Cable .....	6,338.68	1,298.12
26 05 19 16-0533	MLF #12/4 With #12 Ground Type THHN FPLP Red Armored Cable .....	7,836.52	1,437.20

**26 05 19 16-0534 FPLP Twisted Shielded Pair Red Armored Cable** (26 05 19 16-0448)

Note: Color coded red.

26 05 19 16-0535	MLF #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable .....	4,313.00	880.87
26 05 19 16-0536	MLF #18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable .....	6,971.51	1,298.12
26 05 19 16-0537	MLF #16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable .....	5,338.29	1,019.95
26 05 19 16-0538	MLF #16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable .....	6,330.29	1,159.04
26 05 19 16-0539	MLF #16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable .....	8,896.10	1,437.20
26 05 19 16-0540	MLF #14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable .....	6,247.40	1,205.40
26 05 19 16-0541	MLF #14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable .....	7,770.58	1,390.85

**26 05 19 16-0542 Armored Cable Connectors** (26 05 19 16-0448)

26 05 19 16-0543	EA 3/4" Armored Cable Connector .....	7.13	2.54
	<i>For Work In Restricted Working Space, Add</i>	1.91	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
	<i>For Elevated Installation &gt;40', Add</i>	3.50	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0544 EA 1" Armored Cable Connector.....	9.52	3.39
For Work In Restricted Working Space, Add	2.54	
For Elevated Installation >10' To 15', Add	0.85	
For Elevated Installation >15' To 20', Add	1.69	
For Elevated Installation >20' To 25', Add	2.12	
For Elevated Installation >25' To 30', Add	2.96	
For Elevated Installation >30' To 35', Add	3.39	
For Elevated Installation >35' To 40', Add	4.24	
For Elevated Installation >40', Add	4.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.54	
26 05 19 16-0545 EA 1-1/4" Armored Cable Connector.....	11.97	4.23
For Work In Restricted Working Space, Add	3.18	
For Elevated Installation >10' To 15', Add	1.06	
For Elevated Installation >15' To 20', Add	2.12	
For Elevated Installation >20' To 25', Add	2.65	
For Elevated Installation >25' To 30', Add	3.71	
For Elevated Installation >30' To 35', Add	4.24	
For Elevated Installation >35' To 40', Add	5.30	
For Elevated Installation >40', Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.18	
<b>26 05 19 16-0546 600 Volt, Feeder Wire, Single Stranded Copper</b> <small>(26 05 19 16-0308)</small>		
26 05 19 16-0547 MLF #14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	882.41	169.74
For EPR Insulation, Add	37.06	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	86.48	
26 05 19 16-0548 MLF #12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	993.09	187.95
For EPR Insulation, Add	37.78	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	88.15	
26 05 19 16-0549 MLF #10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,214.83	234.96
For EPR Insulation, Add	55.16	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	128.71	
26 05 19 16-0550 MLF #8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,663.43	373.78
For EPR Insulation, Add	90.68	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	211.59	
26 05 19 16-0551 MLF #6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,286.53	448.54
For EPR Insulation, Add	152.38	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	355.56	
26 05 19 16-0552 MLF #4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,125.21	520.75
For EPR Insulation, Add	230.53	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	537.91	
26 05 19 16-0553 MLF #3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,566.36	596.04
For EPR Insulation, Add	264.94	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	618.19	
26 05 19 16-0554 MLF #2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,507.99	671.33
For EPR Insulation, Add	374.42	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	873.64	
26 05 19 16-0555 MLF #1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	5,596.32	747.68
For EPR Insulation, Add	505.90	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,180.43	
26 05 19 16-0556 MLF 1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	6,753.55	843.50
For EPR Insulation, Add	631.84	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,474.28	
26 05 19 16-0557 MLF 2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	8,153.85	935.41
For EPR Insulation, Add	794.23	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,853.21	
26 05 19 16-0558 MLF 3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	9,793.24	1,044.26
For EPR Insulation, Add	992.49	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	2,315.81	
26 05 19 16-0559 MLF 4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	11,050.43	1,161.06
For EPR Insulation, Add	1,133.42	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	2,644.64	
26 05 19 16-0560 MLF 250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	11,763.90	1,273.41
For EPR Insulation, Add	1,192.79	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	2,783.18	
26 05 19 16-0561 MLF 300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	13,897.31	1,399.84
For EPR Insulation, Add	1,465.15	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	3,418.68	
26 05 19 16-0562 MLF 350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	15,509.61	1,484.02
For EPR Insulation, Add	1,659.35	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	3,871.81	
26 05 19 16-0563 MLF 400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	17,386.51	1,658.63
For EPR Insulation, Add	1,893.23	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	4,417.54	
26 05 19 16-0564 MLF 500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	19,882.60	1,844.68
For EPR Insulation, Add	2,220.00	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	5,179.99	
26 05 19 16-0565 MLF 600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	23,298.56	1,919.22
For EPR Insulation, Add	2,668.86	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	6,227.34	
26 05 19 16-0566 MLF 750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	37,914.98	1,993.65
For EPR Insulation, Add	4,766.02	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	11,120.72	
26 05 19 16-0567 MLF 1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	47,790.02	2,130.26
For EPR Insulation, Add	6,183.74	
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	14,428.74	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0568	MLF	#16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,507.70	380.98	
26 05 19 16-0569	MLF	#14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,882.85	423.55	
26 05 19 16-0570	MLF	#12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,362.04	508.69	
26 05 19 16-0571	MLF	#10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,799.90	592.76	
26 05 19 16-0572	MLF	#8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,159.61	634.70	
26 05 19 16-0573	MLF	#18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	504.21	211.77	
26 05 19 16-0574	MLF	#16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	628.71	232.96	
26 05 19 16-0575	MLF	#14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	647.25	169.84	
26 05 19 16-0576	MLF	#12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	803.89	202.46	
26 05 19 16-0577	MLF	#10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	994.45	254.66	
26 05 19 16-0578	MLF	#8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,393.74	335.66	
26 05 19 16-0579	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	1,893.51	405.34	
26 05 19 16-0580	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,499.66	479.04	
26 05 19 16-0581	MLF	#3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,986.43	542.25	
26 05 19 16-0582	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,567.55	607.27	
26 05 19 16-0583	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,247.05	685.31	
26 05 19 16-0584	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,940.62	750.43	
26 05 19 16-0585	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,605.41	829.31	
26 05 19 16-0586	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,645.51	877.18	
26 05 19 16-0587	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	7,914.64	986.88	
26 05 19 16-0588	MLF	250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	9,287.13	1,049.88	
26 05 19 16-0589	MLF	300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	10,716.91	1,189.02	
26 05 19 16-0590	MLF	350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	12,253.31	1,315.87	
26 05 19 16-0591	MLF	400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,735.92	1,351.87	
26 05 19 16-0592	MLF	500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	16,300.85	1,430.23	
26 05 19 16-0593	MLF	600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	20,202.60	1,683.09	
26 05 19 16-0594	MLF	750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	30,907.17	1,993.65	
26 05 19 16-0595	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	37,023.78	2,407.04	
26 05 19 16-0596	MLF	#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,833.20	508.69	
26 05 19 16-0597	MLF	#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,138.49	592.76	
26 05 19 16-0598	MLF	#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,640.25	678.21	
26 05 19 16-0599	MLF	#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,774.40	762.07	
26 05 19 16-0600	MLF	#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,416.48	847.10	
26 05 19 16-0601	MLF	#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,962.94	930.97	

### 26 05 19 16-0602 600 Volt, Feeder Wire, Single Stranded Aluminum (26 05 19 16-0308)

26 05 19 16-0603	MLF	#6 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,303.90	342.38
26 05 19 16-0604	MLF	#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,547.45	398.12
26 05 19 16-0605	MLF	#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,027.05	511.05
26 05 19 16-0606	MLF	#1 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,524.25	570.67
26 05 19 16-0607	MLF	1/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,924.62	642.94
26 05 19 16-0608	MLF	2/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,330.68	709.63
26 05 19 16-0609	MLF	3/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,935.91	800.86
26 05 19 16-0610	MLF	4/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,357.67	883.56
26 05 19 16-0611	MLF	250 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,051.55	971.32
26 05 19 16-0612	MLF	300 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,264.11	1,056.30
26 05 19 16-0613	MLF	350 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,536.45	1,141.24
26 05 19 16-0614	MLF	400 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,479.79	1,269.37
26 05 19 16-0615	MLF	500 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,243.58	1,397.46
26 05 19 16-0616	MLF	600 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,087.89	1,627.89
26 05 19 16-0617	MLF	700 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,409.05	1,784.62
26 05 19 16-0618	MLF	750 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,645.16	1,850.77
26 05 19 16-0619	MLF	1,000 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	16,061.67	2,245.09
26 05 19 16-0620	MLF	#8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,511.67	376.01
26 05 19 16-0621	MLF	#6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,699.42	423.55
26 05 19 16-0622	MLF	#4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,092.20	521.07
26 05 19 16-0623	MLF	#2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,668.64	638.72
26 05 19 16-0624	MLF	#1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,449.36	751.91
26 05 19 16-0625	MLF	1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,002.19	847.42
26 05 19 16-0626	MLF	2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,579.05	941.24
26 05 19 16-0627	MLF	3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,332.37	1,026.90
26 05 19 16-0628	MLF	4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,804.84	1,092.87
26 05 19 16-0629	MLF	250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,674.42	1,169.33
26 05 19 16-0630	MLF	300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,314.23	1,253.19
26 05 19 16-0631	MLF	350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,651.25	1,353.78
26 05 19 16-0632	MLF	400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,848.58	1,476.29
26 05 19 16-0633	MLF	500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,027.65	1,694.21
26 05 19 16-0634	MLF	600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,063.32	1,782.95
26 05 19 16-0635	MLF	700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	14,633.91	1,879.72
26 05 19 16-0636	MLF	750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,030.29	1,997.69
26 05 19 16-0637	MLF	1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	21,940.52	2,799.68
26 05 19 16-0638	MLF	#6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,629.33	423.55
26 05 19 16-0639	MLF	#4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,035.72	520.97
26 05 19 16-0640	MLF	#2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,544.27	639.57
26 05 19 16-0641	MLF	#1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,221.85	747.68
26 05 19 16-0642	MLF	1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,640.77	843.50
26 05 19 16-0643	MLF	2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,131.40	935.41
26 05 19 16-0644	MLF	3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,816.51	1,026.90
26 05 19 16-0645	MLF	4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,274.78	1,092.87
26 05 19 16-0646	MLF	250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,018.19	1,168.58



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0647 MLF 300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	7,374.53	1,254.77
26 05 19 16-0648 MLF 350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	7,789.59	1,355.58
26 05 19 16-0649 MLF 400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	8,637.11	1,472.90
26 05 19 16-0650 MLF 500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	9,939.99	1,694.21
26 05 19 16-0651 MLF 600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	11,453.74	1,778.18
26 05 19 16-0652 MLF 700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	12,750.86	1,879.72
26 05 19 16-0653 MLF 750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit .....	13,226.23	1,991.65
<b>26 05 19 16-0654 Non-Metallic Sheathed Cable</b> <small>(26 05 19 16-0308)</small>		
<b>26 05 19 16-0655 Indoor Installation</b> <small>(26 05 19 16-0654)</small>		
<small>Note: For NM, NM-B, NMC-B and NMS-B.</small>		
26 05 19 16-0656 MLF #14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	2,973.45	804.65
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	301.74	
26 05 19 16-0657 MLF #14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	3,754.26	974.17
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	365.33	
26 05 19 16-0658 MLF #14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	5,770.36	1,077.94
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	404.23	
26 05 19 16-0659 MLF #12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	3,831.10	914.87
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	325.61	
26 05 19 16-0660 MLF #12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	5,678.62	1,016.31
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	381.13	
26 05 19 16-0661 MLF #12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	7,690.54	1,135.11
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	425.67	
26 05 19 16-0662 MLF #10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	4,833.01	1,016.84
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	381.33	
26 05 19 16-0663 MLF #10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	7,963.93	1,186.16
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	444.81	
26 05 19 16-0664 MLF #10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	9,536.12	1,355.37
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	508.26	
26 05 19 16-0665 MLF #8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	9,630.22	1,217.71
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	433.61	
26 05 19 16-0666 MLF #8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	12,356.32	1,471.84
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	524.15	
26 05 19 16-0667 MLF #6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	12,767.74	1,387.13
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	492.38	
26 05 19 16-0668 MLF #6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	17,166.03	1,673.03
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	595.62	
26 05 19 16-0669 MLF #4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	41,067.52	1,842.45
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	655.18	
26 05 19 16-0670 MLF #2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable .....	48,005.73	2,001.29
<small>For Installation In Wood Stud Wall (Includes Drilling), Add</small>		
	714.74	
<b>26 05 19 16-0671 Direct Burial Cable</b> <small>(26 05 19 16-0654)</small>		
<small>Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.</small>		
26 05 19 16-0672 MLF #14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	2,386.86	
26 05 19 16-0673 MLF #14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	3,108.40	
26 05 19 16-0674 MLF #12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	3,025.62	
26 05 19 16-0675 MLF #12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	3,865.37	
26 05 19 16-0676 MLF #10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	3,283.30	
26 05 19 16-0677 MLF #10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	4,688.75	
26 05 19 16-0678 MLF #8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	5,044.54	
26 05 19 16-0679 MLF #8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	6,445.22	
26 05 19 16-0680 MLF #6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	6,349.41	
26 05 19 16-0681 MLF #6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench .....	8,334.86	
<b>26 05 19 16-0682 SEU Cable Copper, 3 Conductor</b> <small>(26 05 19 16-0654)</small>		
26 05 19 16-0683 MLF 12-12-12 Cable SEU Copper .....	3,113.48	1,020.30
26 05 19 16-0684 MLF 10-10-10 Cable SEU Copper .....	3,903.64	1,159.04
26 05 19 16-0685 MLF 8-8-8 Cable SEU Copper .....	4,852.86	1,297.89
26 05 19 16-0686 MLF 6-6-8 Cable SEU Copper .....	5,855.58	1,391.43
26 05 19 16-0687 MLF 6-6-6 Cable SEU Copper .....	6,297.33	1,438.01
26 05 19 16-0688 MLF 4-4-6 Cable SEU Copper .....	7,671.96	1,576.87
26 05 19 16-0689 MLF 4-4-4 Cable SEU Copper .....	8,264.72	1,623.34
26 05 19 16-0690 MLF 3-3-5 Cable SEU Copper .....	9,619.85	1,761.50
26 05 19 16-0691 MLF 3-3-3 Cable SEU Copper .....	10,217.56	1,854.46
26 05 19 16-0692 MLF 2-2-4 Cable SEU Copper .....	10,914.40	1,947.99
26 05 19 16-0693 MLF 2-2-2 Cable SEU Copper .....	11,668.14	2,040.60
26 05 19 16-0694 MLF 1-1-1 Cable SEU Copper .....	14,278.94	2,318.07
26 05 19 16-0695 MLF 1/0-1/0-1/0 Cable SEU Copper .....	16,990.16	2,598.79
26 05 19 16-0696 MLF 2/0-2/0-2/0 Cable SEU Copper .....	20,455.97	2,926.92
26 05 19 16-0697 MLF 3/0-3/0-3/0 Cable SEU Copper .....	24,606.59	3,255.73
26 05 19 16-0698 MLF 4/0-4/0-4/0 Cable SEU Copper .....	27,499.13	3,633.34

**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0699			<b>SEU Cable Aluminum, 3 Conductor</b> (26 05 19 16-0654)		
26 05 19 16-0700	MLF		8-8-8 Cable SEU Aluminum.....	4,329.12	1,302.29
26 05 19 16-0701	MLF		6-6-6 Cable SEU Aluminum.....	4,957.33	1,430.95
26 05 19 16-0702	MLF		4-4-6 Cable SEU Aluminum.....	5,584.24	1,566.32
26 05 19 16-0703	MLF		4-4-4 Cable SEU Aluminum.....	5,850.50	1,632.50
26 05 19 16-0704	MLF		2-2-4 Cable SEU Aluminum.....	7,008.89	1,931.77
26 05 19 16-0705	MLF		2-2-2 Cable SEU Aluminum.....	7,447.31	2,033.41
26 05 19 16-0706	MLF		1-1-1 Cable SEU Aluminum.....	8,998.50	2,318.07
26 05 19 16-0707	MLF		1/0-1/0-2 Cable SEU Aluminum.....	9,531.20	2,440.12
26 05 19 16-0708	MLF		1/0-1/0-1/0 Cable SEU Aluminum.....	11,750.32	2,575.60
26 05 19 16-0709	MLF		2/0-2/0-1 Cable SEU Aluminum.....	10,759.35	2,759.66
26 05 19 16-0710	MLF		2/0-2/0-2/0 Cable SEU Aluminum.....	11,373.69	2,897.59
26 05 19 16-0711	MLF		3/0-3/0-1/0 Cable SEU Aluminum.....	12,442.09	3,034.12
26 05 19 16-0712	MLF		3/0-3/0-3/0 Cable SEU Aluminum.....	13,322.26	3,219.57
26 05 19 16-0713	MLF		4/0-4/0-2/0 Cable SEU Aluminum.....	14,030.49	3,480.59
26 05 19 16-0714	MLF		4/0-4/0-4/0 Cable SEU Aluminum.....	14,841.10	3,621.98
26 05 19 16-0715			<b>SER Cable Copper, 4 Conductor</b> (26 05 19 16-0654)		
26 05 19 16-0716	MLF		6-6-6-6 Cable SER Copper.....	10,126.57	1,670.05
26 05 19 16-0717	MLF		4-4-4-6 Cable SER Copper.....	11,107.28	1,808.21
26 05 19 16-0718	MLF		3-3-3-5 Cable SER Copper.....	13,789.72	2,040.60
26 05 19 16-0719	MLF		2-2-2-4 Cable SER Copper.....	15,800.76	2,224.65
26 05 19 16-0720	MLF		1-1-1-3 Cable SER Copper.....	18,422.09	2,547.33
26 05 19 16-0721	MLF		1/0-1/0-1/0-2 Cable SER Copper.....	22,460.26	2,919.50
26 05 19 16-0722	MLF		2/0-2/0-2/0-1 Cable SER Copper.....	28,204.48	3,149.56
26 05 19 16-0723	MLF		3/0-3/0-3/0-1/0 Cable SER Copper.....	32,592.08	3,522.88
26 05 19 16-0724			<b>SER Cable Aluminum, 4 Conductor</b> (26 05 19 16-0654)		
26 05 19 16-0725	MLF		8-8-8-8 Cable SER Aluminum.....	5,062.88	1,558.78
26 05 19 16-0726	MLF		6-6-6-6 Cable SER Aluminum.....	5,511.36	1,670.05
26 05 19 16-0727	MLF		4-4-4-6 Cable SER Aluminum.....	6,151.89	1,808.21
26 05 19 16-0728	MLF		2-2-2-4 Cable SER Aluminum.....	7,734.41	2,224.65
26 05 19 16-0729	MLF		1-1-1-3 Cable SER Aluminum.....	9,274.58	2,547.33
26 05 19 16-0730	MLF		1/0-1/0-1/0-2 Cable SER Aluminum.....	10,489.53	2,919.50
26 05 19 16-0731	MLF		2/0-2/0-2/0-1 Cable SER Aluminum.....	11,703.35	3,149.56
26 05 19 16-0732	MLF		3/0-3/0-3/0-1/0 Cable SER Aluminum.....	13,306.27	3,522.88
26 05 19 16-0733	MLF		4/0-4/0-4/0-2/0 Cable SER Aluminum.....	15,089.26	3,925.53
26 05 19 16-0734			<b>Control Tray Cable, Low Voltage</b> (26 05 19 16-0010)		
			Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0735	MLF		2 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,054.81	513.66
			For Work In Restricted Working Space, Add	256.83	
26 05 19 16-0736	MLF		3 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,213.13	574.59
			For Work In Restricted Working Space, Add	287.30	
26 05 19 16-0737	MLF		4 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,265.18	574.55
			For Work In Restricted Working Space, Add	287.30	
26 05 19 16-0738	MLF		5 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,584.32	720.65
			For Work In Restricted Working Space, Add	360.33	
26 05 19 16-0739	MLF		7 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,988.80	878.18
			For Work In Restricted Working Space, Add	439.09	
26 05 19 16-0740	MLF		9 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,262.40	965.69
			For Work In Restricted Working Space, Add	482.85	
26 05 19 16-0741	MLF		12 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,680.42	1,097.27
			For Work In Restricted Working Space, Add	548.64	
26 05 19 16-0742	MLF		15 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,380.25	1,341.18
			For Work In Restricted Working Space, Add	670.59	
26 05 19 16-0743	MLF		19 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,848.50	1,463.16
			For Work In Restricted Working Space, Add	731.58	
26 05 19 16-0744	MLF		25 Conductor #18 AWG, Stranded, Type TC Control Cable.....	4,511.41	1,508.91
			For Work In Restricted Working Space, Add	754.45	
26 05 19 16-0745	MLF		30 Conductor #18 AWG, Stranded, Type TC Control Cable.....	5,540.41	1,885.02
			For Work In Restricted Working Space, Add	942.51	
26 05 19 16-0746	MLF		37 Conductor #18 AWG, Stranded, Type TC Control Cable.....	6,633.40	2,203.00
			For Work In Restricted Working Space, Add	1,101.50	
26 05 19 16-0747	MLF		2 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,149.49	541.09
			For Work In Restricted Working Space, Add	270.33	
26 05 19 16-0748	MLF		3 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,327.42	604.84
			For Work In Restricted Working Space, Add	302.42	
26 05 19 16-0749	MLF		4 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,544.94	696.32
			For Work In Restricted Working Space, Add	348.16	
26 05 19 16-0750	MLF		5 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,743.34	758.58
			For Work In Restricted Working Space, Add	379.29	
26 05 19 16-0751	MLF		7 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,197.12	924.41
			For Work In Restricted Working Space, Add	462.20	
26 05 19 16-0752	MLF		9 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,510.34	1,016.53
			For Work In Restricted Working Space, Add	508.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0753 MLF 12 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,989.56 577.51	1,155.03
26 05 19 16-0754 MLF 15 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,784.02 705.85	1,411.70
26 05 19 16-0755 MLF 19 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,329.10 770.02	1,540.04
26 05 19 16-0756 MLF 25 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,142.91 794.16	1,588.32
26 05 19 16-0757 MLF 30 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,305.28 992.06	1,984.13
26 05 19 16-0758 MLF 37 Conductor #16 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,567.07 1,159.47	2,318.95
26 05 19 16-0759 MLF 2 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,242.95 282.40	564.81
26 05 19 16-0760 MLF 3 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,478.77 317.66	635.33
26 05 19 16-0761 MLF 4 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,730.73 363.09	726.18
26 05 19 16-0762 MLF 5 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,942.19 391.04	782.09
26 05 19 16-0763 MLF 7 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,573.66 479.36	958.71
26 05 19 16-0764 MLF 9 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,959.79 529.55	1,058.88
26 05 19 16-0765 MLF 12 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,613.61 590.86	1,181.71
26 05 19 16-0766 MLF 15 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,316.28 705.85	1,411.49
26 05 19 16-0767 MLF 19 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,180.30 819.89	1,640.21
26 05 19 16-0768 MLF 25 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,437.63 959.03	1,917.63
26 05 19 16-0769 MLF 30 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,469.53 1,071.48	2,142.96
26 05 19 16-0770 MLF 37 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,986.92 1,252.23	2,504.46
26 05 19 16-0771 MLF 2 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,439.78 302.42	604.84
26 05 19 16-0772 MLF 3 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,712.31 334.50	669.22
26 05 19 16-0773 MLF 4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,075.84 385.01	770.02
26 05 19 16-0774 MLF 5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,341.77 409.79	819.58
26 05 19 16-0775 MLF 7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,071.58 488.57	977.14
26 05 19 16-0776 MLF 9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,782.04 577.51	1,155.03
26 05 19 16-0777 MLF 12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,584.68 651.53	1,303.06
26 05 19 16-0778 MLF 15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,448.55 747.47	1,494.93
26 05 19 16-0779 MLF 19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,431.57 847.21	1,694.42
26 05 19 16-0780 MLF 25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,209.15 990.16	1,980.32
26 05 19 16-0781 MLF 30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,509.48 1,157.25	2,314.50
26 05 19 16-0782 MLF 37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,487.29 1,352.61	2,705.22
26 05 19 16-0783 MLF 2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,703.51 317.66	635.33
26 05 19 16-0784 MLF 3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,112.68 348.16	696.74
26 05 19 16-0785 MLF 4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,565.54 397.08	794.16
26 05 19 16-0786 MLF 5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,973.48 430.75	861.51
26 05 19 16-0787 MLF 7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,014.06 540.67	1,081.33
26 05 19 16-0788 MLF 9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,749.44 605.15	1,210.30
26 05 19 16-0789 MLF 12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,534.56 705.85	1,411.70
26 05 19 16-0790 MLF 15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,534.72 807.19	1,614.37
26 05 19 16-0791 MLF 19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,739.38 914.87	1,829.75
26 05 19 16-0792 MLF 25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,945.40 1,069.26	2,138.52
26 05 19 16-0793 MLF 30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,513.20 1,249.69	2,499.38
26 05 19 16-0794 MLF 37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	13,941.94 1,460.94	2,921.87



**26 Electrical****26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 19 16-0795	<b>ACSR (Aluminum Conductor Steel Reinforced)</b> (26 05 19 16-0010) Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0796	<b>ACSR Cable</b> (26 05 19 16-0795)		
26 05 19 16-0797	MLF #4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	1,861.42	526.11
26 05 19 16-0798	MLF #4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial) .....	2,012.25	546.29
26 05 19 16-0799	MLF #2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	2,236.91	567.32
26 05 19 16-0800	MLF #2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial) .....	2,387.80	587.87
26 05 19 16-0801	MLF 1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	2,789.41	607.80
26 05 19 16-0802	MLF 2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	3,302.81	689.00
26 05 19 16-0803	MLF 3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	3,898.63	768.38
26 05 19 16-0804	MLF 4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial) .....	4,579.96	848.85
26 05 19 16-0805	MLF 336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial) .....	5,099.25	1,090.88
26 05 19 16-0806	MLF 477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial) .....	5,771.47	1,251.33
26 05 19 16-0807	<b>All Aluminum Conductors</b> (26 05 19 16-0795)		
26 05 19 16-0808	MLF 795.0 ACSR Conductor Aluminum .....	37,748.08	10,289.94
26 05 19 16-0809	<b>Single Conductor Installed On Poles</b> (26 05 19 16-0010)		
26 05 19 16-0810	<b>Bare Stranded Conductor</b> (26 05 19 16-0809)		
26 05 19 16-0811	MLF #12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	1,298.13	445.76
26 05 19 16-0812	MLF #10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	1,504.09	485.88
26 05 19 16-0813	MLF #8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	1,711.34	526.48
26 05 19 16-0814	MLF #6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	2,060.60	567.32
26 05 19 16-0815	MLF #4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	2,467.78	608.28
26 05 19 16-0816	MLF #2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	3,468.82	729.61
26 05 19 16-0817	MLF #1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	3,973.22	810.44
26 05 19 16-0818	MLF 1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	4,517.93	889.82
26 05 19 16-0819	MLF 2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	5,995.17	1,055.38
26 05 19 16-0820	MLF 3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	7,243.94	1,213.41
26 05 19 16-0821	MLF 4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	7,808.84	1,375.20
26 05 19 16-0822	MLF 250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	9,828.92	1,620.75
26 05 19 16-0823	MLF 300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	10,076.60	1,706.09
26 05 19 16-0824	MLF 350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	12,421.77	1,786.68
26 05 19 16-0825	MLF 400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	13,674.20	1,859.98
26 05 19 16-0826	MLF 500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles .....	15,835.43	1,939.37
26 05 19 16-0827	<b>Insulated Stranded Conductor</b> (26 05 19 16-0809)		
26 05 19 16-0828	MLF #12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	1,386.76	445.76
26 05 19 16-0829	MLF #10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	1,618.46	485.88
26 05 19 16-0830	MLF #8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	1,937.10	526.48
26 05 19 16-0831	MLF #6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	2,103.33	567.32
26 05 19 16-0832	MLF #4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	2,532.98	608.28
26 05 19 16-0833	MLF #2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	3,374.66	729.61
26 05 19 16-0834	MLF #1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	3,963.82	810.44
26 05 19 16-0835	MLF 1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	4,649.02	889.82
26 05 19 16-0836	MLF 2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	5,592.58	1,055.38
26 05 19 16-0837	MLF 3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	6,682.77	1,213.41
26 05 19 16-0838	MLF 4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	7,852.62	1,375.20
26 05 19 16-0839	MLF 250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	9,561.06	1,620.75
26 05 19 16-0840	MLF 300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	10,785.60	1,706.09
26 05 19 16-0841	MLF 350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	11,789.30	1,786.68
26 05 19 16-0842	MLF 400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	13,149.80	1,859.98
26 05 19 16-0843	MLF 500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles .....	14,720.05	1,939.37
26 05 19 16-0844	<b>Bare Solid Conductor</b> (26 05 19 16-0809)		
26 05 19 16-0845	MLF #12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles .....	1,298.13	445.76
26 05 19 16-0846	MLF #8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles .....	1,711.34	526.48
26 05 19 16-0847	MLF #6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles .....	2,060.60	567.32
26 05 19 16-0848	MLF #4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles .....	2,440.84	608.28

**26 05 23 Control-Voltage Electrical Power Cables** (26 05)

26 05 23 00-0001	<b>Cable For HVAC System Controls</b> (26 05 23)		
26 05 23 00-0002	<b>Low Voltage Thermostat Cable To 300 Volt</b> (26 05 23 00-0001) Note: For surface or conduit installation.		
26 05 23 00-0003	MLF #20/2 Conductor, Low Volt Thermostat Cable .....	461.99	135.01
26 05 23 00-0004	MLF #20/3 Conductor, Low Volt Thermostat Cable .....	528.16	142.21
26 05 23 00-0005	MLF #20/4 Conductor, Low Volt Thermostat Cable .....	572.67	150.36
26 05 23 00-0006	MLF #20/5 Conductor, Low Volt Thermostat Cable .....	687.80	156.72
26 05 23 00-0007	MLF #20/6 Conductor, Low Volt Thermostat Cable .....	721.20	164.13
26 05 23 00-0008	MLF #20/7 Conductor, Low Volt Thermostat Cable .....	794.09	170.95





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 23 00-0009 MLF #20/8 Conductor, Low Volt Thermostat Cable .....	857.31	177.78
26 05 23 00-0010 MLF #20/9 Conductor, Low Volt Thermostat Cable .....	931.30	184.88
26 05 23 00-0011 MLF #20/10 Conductor, Low Volt Thermostat Cable .....	1,002.47	190.43
26 05 23 00-0012 MLF #18/2 Conductor, Low Volt Thermostat Cable .....	502.46	135.01
26 05 23 00-0013 MLF #18/3 Conductor, Low Volt Thermostat Cable .....	600.37	142.21
26 05 23 00-0014 MLF #18/4 Conductor, Low Volt Thermostat Cable .....	687.23	150.36
26 05 23 00-0015 MLF #18/5 Conductor, Low Volt Thermostat Cable .....	735.10	156.72
26 05 23 00-0016 MLF #18/6 Conductor, Low Volt Thermostat Cable .....	816.20	164.13
26 05 23 00-0017 MLF #18/7 Conductor, Low Volt Thermostat Cable .....	837.71	170.95
26 05 23 00-0018 MLF #18/8 Conductor, Low Volt Thermostat Cable .....	923.88	177.78
26 05 23 00-0019 MLF #18/9 Conductor, Low Volt Thermostat Cable .....	1,091.02	184.88
26 05 23 00-0020 MLF #18/10 Conductor, Low Volt Thermostat Cable .....	1,199.47	190.43

### 26 05 26 Grounding and Bonding for Electrical Systems (26 05)

26 05 26 00-0001 Conductors, Straps And Conduit Jumpers (26 05 26)

26 05 26 00-0002 Single Conductor (26 05 26 00-0001)

26 05 26 00-0003 Copper Bare Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0004 MLF 12 AWG Copper Bare Single Stranded Conductor .....	590.85	231.76
26 05 26 00-0005 MLF 10 AWG Copper Bare Single Stranded Conductor .....	766.63	231.76
26 05 26 00-0006 MLF 8 AWG Copper Bare Single Stranded Conductor .....	943.34	279.18
26 05 26 00-0007 MLF 6 AWG Copper Bare Single Stranded Conductor .....	1,269.34	279.18
26 05 26 00-0008 MLF 4 AWG Copper Bare Single Stranded Conductor .....	1,679.78	337.11
26 05 26 00-0009 MLF 2 AWG Copper Bare Single Stranded Conductor .....	2,598.65	337.11
26 05 26 00-0010 MLF 1 AWG Copper Bare Single Stranded Conductor .....	2,996.27	405.59
26 05 26 00-0011 MLF 1/0 AWG Copper Bare Single Stranded Conductor .....	3,510.78	405.59
26 05 26 00-0012 MLF 2/0 AWG Copper Bare Single Stranded Conductor .....	4,880.46	510.94
26 05 26 00-0013 MLF 3/0 AWG Copper Bare Single Stranded Conductor .....	5,997.39	510.94
26 05 26 00-0014 MLF 4/0 AWG Copper Bare Single Stranded Conductor .....	6,387.95	679.51
26 05 26 00-0015 MLF 250 MCM Copper Bare Single Stranded Conductor .....	8,159.88	679.51
26 05 26 00-0016 MLF 300 MCM Copper Bare Single Stranded Conductor .....	8,203.32	784.85
26 05 26 00-0017 MLF 350 MCM Copper Bare Single Stranded Conductor .....	10,986.06	784.85
26 05 26 00-0018 MLF 500 MCM Copper Bare Single Stranded Conductor .....	14,952.22	969.21

26 05 26 00-0019 Copper Insulated Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0020 MLF 12 AWG Copper Insulated Single Stranded Conductor .....	1,060.75	316.05
26 05 26 00-0021 MLF 10 AWG Copper Insulated Single Stranded Conductor .....	1,142.40	316.05
26 05 26 00-0022 MLF 8 AWG Copper Insulated Single Stranded Conductor .....	1,453.03	316.05
26 05 26 00-0023 MLF 6 AWG Copper Insulated Single Stranded Conductor .....	1,661.01	547.81
26 05 26 00-0024 MLF 4 AWG Copper Insulated Single Stranded Conductor .....	2,224.50	547.81
26 05 26 00-0025 MLF 2 AWG Copper Insulated Single Stranded Conductor .....	3,114.18	547.81
26 05 26 00-0026 MLF 1 AWG Copper Insulated Single Stranded Conductor .....	3,749.97	958.67
26 05 26 00-0027 MLF 1/0 AWG Copper Insulated Single Stranded Conductor .....	4,561.17	958.67
26 05 26 00-0028 MLF 2/0 AWG Copper Insulated Single Stranded Conductor .....	5,324.49	958.67
26 05 26 00-0029 MLF 3/0 AWG Copper Insulated Single Stranded Conductor .....	6,315.52	958.67
26 05 26 00-0030 MLF 4/0 AWG Copper Insulated Single Stranded Conductor .....	7,425.55	1,253.65
26 05 26 00-0031 MLF 250 MCM Copper Insulated Single Stranded Conductor .....	8,943.61	1,253.65
26 05 26 00-0032 MLF 300 MCM Copper Insulated Single Stranded Conductor .....	10,392.44	1,253.65
26 05 26 00-0033 MLF 350 MCM Copper Insulated Single Stranded Conductor .....	12,224.03	1,948.96
26 05 26 00-0034 MLF 500 MCM Copper Insulated Single Stranded Conductor .....	15,888.44	1,948.96

26 05 26 00-0035 Copper Bare Single Solid Conductors (26 05 26 00-0002)

26 05 26 00-0036 MLF 12 AWG Copper Bare Single Solid Conductor .....	590.85	231.76
26 05 26 00-0037 MLF 10 AWG Copper Bare Single Solid Conductor .....	766.63	231.76
26 05 26 00-0038 MLF 8 AWG Copper Bare Single Solid Conductor .....	943.34	279.18
26 05 26 00-0039 MLF 6 AWG Copper Bare Single Solid Conductor .....	1,269.34	279.18
26 05 26 00-0040 MLF 4 AWG Copper Bare Single Solid Conductor .....	1,679.78	337.11
26 05 26 00-0041 MLF 2 AWG Copper Bare Single Solid Conductor .....	2,598.65	337.11
26 05 26 00-0042 MLF 1/0 AWG Copper Bare Single Solid Conductor .....	3,510.78	405.59
26 05 26 00-0043 MLF 4/0 AWG Copper Bare Single Solid Conductor .....	6,387.95	537.28

26 05 26 00-0044 Aluminum Bare Single Stranded Conductors (26 05 26 00-0002)

26 05 26 00-0045 MLF 8 AWG Aluminum Bare Single Stranded Conductor .....	791.96	279.18
26 05 26 00-0046 MLF 6 AWG Aluminum Bare Single Stranded Conductor .....	881.59	279.18
26 05 26 00-0047 MLF 4 AWG Aluminum Bare Single Stranded Conductor .....	1,021.34	337.11
26 05 26 00-0048 MLF 2 AWG Aluminum Bare Single Stranded Conductor .....	1,310.63	337.11
26 05 26 00-0049 MLF 1 AWG Aluminum Bare Single Stranded Conductor .....	1,547.93	405.59
26 05 26 00-0050 MLF 1/0 AWG Aluminum Bare Single Stranded Conductor .....	1,773.59	405.59
26 05 26 00-0051 MLF 2/0 AWG Aluminum Bare Single Stranded Conductor .....	2,034.74	510.94
26 05 26 00-0052 MLF 3/0 AWG Aluminum Bare Single Stranded Conductor .....	2,362.24	510.94
26 05 26 00-0053 MLF 4/0 AWG Aluminum Bare Single Stranded Conductor .....	2,803.22	679.51
26 05 26 00-0054 MLF 250 MCM Aluminum Bare Single Stranded Conductor .....	3,169.24	679.51
26 05 26 00-0055 MLF 300 MCM Aluminum Bare Single Stranded Conductor .....	3,852.36	784.85
26 05 26 00-0056 MLF 350 MCM Aluminum Bare Single Stranded Conductor .....	4,427.52	784.85
26 05 26 00-0057 MLF 500 MCM Aluminum Bare Single Stranded Conductor .....	5,191.73	969.21

**26 Electrical****26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0058			<b>Aluminum Bare Single Solid Conductors</b> (26 05 26 00-0002)		
26 05 26 00-0059	MLF		8 AWG Aluminum Bare Single Solid Conductor .....	791.96	279.18
26 05 26 00-0060	MLF		6 AWG Aluminum Bare Single Solid Conductor .....	881.59	279.18
26 05 26 00-0061	MLF		4 AWG Aluminum Bare Single Solid Conductor .....	1,021.34	337.11
26 05 26 00-0062	MLF		2 AWG Aluminum Bare Single Solid Conductor .....	1,310.63	337.11
26 05 26 00-0063	MLF		1 AWG Aluminum Bare Single Solid Conductor .....	1,505.41	537.28
26 05 26 00-0064	MLF		1/0 AWG Aluminum Bare Single Solid Conductor .....	1,773.59	537.28
26 05 26 00-0065	MLF		2/0 AWG Aluminum Bare Single Solid Conductor .....	1,929.42	510.94
26 05 26 00-0066	MLF		3/0 AWG Aluminum Bare Single Solid Conductor .....	2,150.17	510.94
26 05 26 00-0067	MLF		4/0 AWG Aluminum Bare Single Solid Conductor .....	2,803.22	679.51
26 05 26 00-0068	MLF		250 MCM Aluminum Bare Single Solid Conductor .....	3,169.24	679.51
26 05 26 00-0069	MLF		300 MCM Aluminum Bare Single Solid Conductor .....	3,852.36	784.85
26 05 26 00-0070	MLF		350 MCM Aluminum Bare Single Solid Conductor .....	4,427.52	784.85
26 05 26 00-0071	MLF		500 MCM Aluminum Bare Single Solid Conductor .....	5,191.73	969.21
26 05 26 00-0072			<b>Aluminum Smooth Woven Conductors</b> (26 05 26 00-0002)		
26 05 26 00-0073	LF		10 Strand x 14 AWG Smooth Weave Aluminum Conductor .....	2.84	0.80
26 05 26 00-0074	LF		16 Strand x 14 AWG Smooth Weave Aluminum Conductor .....	3.14	0.88
26 05 26 00-0075	LF		24 Strand x 14 AWG Smooth Weave Aluminum Conductor .....	3.74	1.01
26 05 26 00-0076	LF		26 Strand x 14 AWG Smooth Weave Aluminum Conductor .....	3.76	1.03
26 05 26 00-0077	LF		28 Strand x 14 AWG Smooth Weave Aluminum Conductor .....	3.94	1.08
26 05 26 00-0078			<b>Copper Flexible Braid Connector Jumper Strap</b> (26 05 26 00-0001)		
Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.					
26 05 26 00-0079	EA		100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	138.52	28.98
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 05 26 00-0080	EA		225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	240.76	34.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 05 26 00-0081	EA		225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length.....	309.31	34.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 05 26 00-0082	EA		225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length.....	376.92	34.77
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 05 26 00-0083	EA		400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	324.52	37.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.08	
26 05 26 00-0084	EA		400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length.....	423.14	37.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.08	
26 05 26 00-0085	EA		400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length.....	508.82	37.67
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.08	
26 05 26 00-0086	EA		600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	423.41	47.81
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.69	
26 05 26 00-0087	EA		800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	509.14	57.95
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 05 26 00-0088			<b>Bonding Jumper For Metallic Conduit</b> (26 05 26 00-0001)		
26 05 26 00-0089	EA		1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit.....	182.22	63.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.22	
26 05 26 00-0090	EA		1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit.....	224.50	63.75
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	44.58	
26 05 26 00-0091	EA		2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit.....	331.52	98.52
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.69	
26 05 26 00-0092	EA		5" To 6" Conductor, Bonding Jumper, Metallic Conduit.....	492.84	98.52
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	64.39	
26 05 26 00-0093			<b>Ground Rods</b> (26 05 26)		
26 05 26 00-0094			<b>Copper-Clad Ground Rods</b> (26 05 26 00-0093)		
26 05 26 00-0095	EA		1/2" Diameter x 8' Long Copper-Clad Ground Rods.....	100.89	86.93
26 05 26 00-0096	EA		5/8" Diameter x 8' Long Copper-Clad Ground Rods.....	105.46	86.93
26 05 26 00-0097	EA		3/4" Diameter x 8' Long Copper-Clad Ground Rods.....	123.89	86.93
26 05 26 00-0098	EA		1/2" Diameter x 10' Long Copper-Clad Ground Rods.....	118.89	86.93
26 05 26 00-0099	EA		5/8" Diameter x 10' Long Copper-Clad Ground Rods.....	124.60	86.93
26 05 26 00-0100	EA		3/4" Diameter x 10' Long Copper-Clad Ground Rods.....	147.64	86.93
26 05 26 00-0101			<b>Ground Access Wells</b> (26 05 26 00-0093)		
26 05 26 00-0102			<b>Precast Ground Access Wells</b> (26 05 26 00-0101)		
26 05 26 00-0103	EA		8" Diameter x 24" Deep Precast Ground Access Well.....	299.52	
			Note: With cast iron grate.		
26 05 26 00-0104	EA		10" Diameter x 24" Deep Precast Ground Access Well.....	310.88	
			Note: With cast iron grate.		
26 05 26 00-0105	EA		12" Diameter x 24" Deep Precast Ground Access Well.....	892.13	
			Note: With cast iron grate.		
26 05 26 00-0106	EA		18" Diameter x 24" Deep Precast Ground Access Well.....	903.50	
			Note: With cast iron grate.		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 26 00-0107 Polyvinyl Chloride (PVC) Ground Access Well</b> <small>(26 05 26 00-0101)</small>						
	EA			10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with cast iron grated cover.	581.39	
	EA			12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with cast iron grated cover.	707.33	
	EA			18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with cast iron grated cover.	1,550.84	
	EA			10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with flat steel cover.	441.86	
	EA			12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with flat steel cover.	533.80	
	EA			18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well ..... Note: Schedule 40 with flat steel cover.	1,387.87	
	EA			8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well ..... Note: Schedule 40 with flat steel cover.	255.61	
	EA			10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well ..... Note: Schedule 40 with flat steel cover.	350.41	
	EA			12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well ..... Note: Schedule 40 with flat steel cover.	416.55	
	EA			8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover .....	208.71	
	EA			10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover .....	323.44	
	EA			8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well ..... Note: Schedule 40 with flat steel cover.	482.53	
	EA			10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well ..... Note: Schedule 40 with flat steel cover.	664.09	
	EA			8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well ..... Note: Schedule 40 with plastic cover.	462.60	
	EA			10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well ..... Note: Schedule 40 with plastic cover.	497.59	
	EA			10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well ..... Note: With cast iron cover, heavy-duty.	886.23	
	EA			10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well ..... Note: With cast iron cover, heavy-duty.	1,119.01	
	EA			12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well ..... Note: With cast iron cover, heavy-duty.	494.62	
	EA			12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well ..... Note: With cast iron cover, heavy-duty.	673.33	
	EA			12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well ..... Note: With cast iron cover, heavy-duty.	665.61	
<b>26 05 26 00-0128 Polymer Concrete Ground Access Well</b> <small>(26 05 26 00-0101)</small>						
	EA			12" x 12" x 12" Polymer Concrete Ground Access Well .....	563.53	
	EA			12" x 12" x 12" Heavy-Duty Polymer Concrete Ground Access Well .....	617.93	
	EA			12" x 12" x 18" Polymer Concrete Ground Access Well .....	620.76	
	EA			12" x 12" x 18" Heavy-Duty Polymer Concrete Ground Access Well .....	680.59	
	EA			12" x 12" x 24" Polymer Concrete Ground Access Well .....	680.18	
	EA			12" x 12" x 24" Heavy-Duty Polymer Concrete Ground Access Well .....	745.97	
	EA			13" x 24" x 18" Polymer Concrete Ground Access Well .....	906.44	
	EA			13" x 24" x 18" Heavy-Duty Polymer Concrete Ground Access Well .....	996.11	
<b>26 05 26 00-0137 High-Density Polyethylene (HDPE) Ground Access Well</b> <small>(26 05 26 00-0101)</small>						
	EA			9" Diameter x 10" Deep High-Density Polyethylene (HDPE) Ground Access Well ..... Note: With cover.	206.96	
	EA			14" Diameter x 18" Deep High-Density Polyethylene (HDPE) Ground Access Well ..... Note: With cover.	288.05	
<b>26 05 26 00-0140 Clay Tile Ground Access Wells</b> <small>(26 05 26 00-0101)</small>						
	EA			8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover .....	326.77	
	EA			8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover .....	343.37	
	EA			Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well .....	103.54	
<b>26 05 26 00-0144 Ground Rod Clamps And Fittings</b> <small>(26 05 26)</small>						
<b>26 05 26 00-0145 Bronze Ground Rod Clamp</b> <small>(26 05 26 00-0144)</small>						
	EA			1/2" Bronze Ground Rod Clamp .....	23.85	13.10
	EA			5/8" Bronze Ground Rod Clamp .....	25.00	13.10
	EA			3/4" Bronze Ground Rod Clamp .....	26.64	13.10
<b>26 05 26 00-0149 Bronze Pipe Clamps</b> <small>(26 05 26 00-0144)</small>						
	EA			1/2" To 1" Bronze Pipe Ground Clamps .....	31.15	21.79
	EA			1-1/4" To 2" Bronze Ground Clamps For Pipe .....	39.59	26.08
	EA			2-1/2" To 3" Bronze Ground Clamps For Pipe .....	58.64	30.48
	EA			2-1/2" To 4" Bronze Ground Clamps For Pipe .....	71.79	39.17
	EA			4" To 6" Bronze Ground Clamps For Pipe .....	109.79	56.56

**26 Electrical****26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 26 00-0155		Grounding Fittings <small>(26 05 26 00-0144)</small>		
26 05 26 00-0156		Embedded Fittings <small>(26 05 26 00-0155)</small>		
26 05 26 00-0157	EA	Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded .....	160.69	
26 05 26 00-0158	EA	Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded .....	171.12	
26 05 26 00-0159	EA	Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded .....	189.63	
26 05 26 00-0160	EA	#8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice.....	153.94	
26 05 26 00-0161	EA	1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice.....	184.43	
26 05 26 00-0162	EA	4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice.....	216.44	
26 05 26 00-0163	EA	350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice.....	244.14	
26 05 26 00-0164		Ground Rod Receptacle <small>(26 05 26 00-0155)</small>		
26 05 26 00-0165	EA	1/2" Ground Rod Receptacle .....	347.38	120.54
26 05 26 00-0166	EA	5/8" Ground Rod Receptacle .....	363.41	123.94
26 05 26 00-0167	EA	3/4" Ground Rod Receptacle .....	379.79	127.30
26 05 26 00-0168		Ground Kits For Circuit Breaker Panels <small>(26 05 26 00-0155)</small>		
26 05 26 00-0169	EA	14-8 AWG Copper Ground Kit .....	77.60	28.98
26 05 26 00-0170	EA	12-8 AWG Aluminum Ground Kit .....	84.35	28.98
26 05 26 00-0171	EA	14-4 AWG Copper Ground Kit .....	86.37	28.98
26 05 26 00-0172	EA	12-4 AWG Aluminum Ground Kit .....	102.82	28.98
26 05 26 00-0173		Insulated Grounding Bars <small>(26 05 26 00-0144)</small>		
26 05 26 00-0174	EA	1/2" x 4" x 10" Insulated Ground Bar .....	328.17	29.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>52.16</i>	
26 05 26 00-0175	EA	Insulated Ground Bar SK 9560 1/2" x 4" x 20".....	345.12	29.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>52.16</i>	
26 05 26 00-0176		Ground Conductor Bonding <small>(26 05 26)</small>		
26 05 26 00-0177		Ground Conductor Bonding <small>(26 05 26 00-0176)</small>		
26 05 26 00-0178		Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld <small>(26 05 26 00-0177)</small>		
26 05 26 00-0179	EA	Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel .....	136.20	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0180	EA	#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	147.78	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0181	EA	1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel.....	159.37	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0182	EA	250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel .....	228.91	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0183		Tee, Wye Or Cross Cadweld <small>(26 05 26 00-0177)</small>		
26 05 26 00-0184	EA	Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross.....	153.58	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0185	EA	#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross .....	176.75	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0186	EA	1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross .....	217.33	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0187	EA	250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross.....	263.68	
		Note: Includes molds, materials and all necessary tools to make connections.		
26 05 26 00-0188		Grounding Equipment <small>(26 05 26)</small>		
26 05 26 00-0189		Special Grounding Equipment <small>(26 05 26 00-0188)</small>		
26 05 26 00-0190		Ground Reels And Ground Bus <small>(26 05 26 00-0189)</small>		
26 05 26 00-0191	EA	Ground Reel With 50' Of Galvanized Steel Cable.....	778.64	
26 05 26 00-0192		Copper Bars <small>(26 05 26 00-0189)</small>		
26 05 26 00-0193	LF	1/4" x 2" Copper Bar .....	44.80	
26 05 26 00-0194		Phenolic Insulators <small>(26 05 26 00-0189)</small>		
26 05 26 00-0195	EA	2" x 2" x 1" Long Phenolic Insulators .....	31.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.95</i>	
26 05 26 00-0196		Grounding Studs <small>(26 05 26 00-0189)</small>		
26 05 26 00-0197	EA	Ball Grounding Stud.....	44.88	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.38</i>	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 26 00-0198</b> <b>Equipment Ground Bar Kits</b> <small>(26 05 26 00-0189)</small>		
26 05 26 00-0199    EA    Switch Rating 30 Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.97 6.95	
26 05 26 00-0200    EA    Switch Rating 60 Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.91 7.65	
26 05 26 00-0201    EA    Switch Rating 100 Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.38 8.69	
26 05 26 00-0202    EA    Switch Rating 200 Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.73 10.43	
<b>26 05 26 00-0203</b> <b>Panelboard Ground Bar Kits</b> <small>(26 05 26 00-0189)</small>		
26 05 26 00-0204    EA    Panelboard Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.20 8.69	8.69
<b>26 05 26 00-0205</b> <b>Circuit Breaker Ground Bar Kits</b> <small>(26 05 26 00-0189)</small>		
26 05 26 00-0206    EA    3 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.18 5.22	5.21
26 05 26 00-0207    EA    4 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.64 5.22	5.21
26 05 26 00-0208    EA    7 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.54 5.22	5.21
26 05 26 00-0209    EA    12 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.50 5.91	5.91
26 05 26 00-0210    EA    20 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.17 6.61	6.61
26 05 26 00-0211    EA    24 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.12 7.30	7.30
26 05 26 00-0212    EA    30 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.04 8.34	8.35
26 05 26 00-0213    EA    54 Circuit, Ground Bar Kit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.41 9.74	9.73
26 05 26 00-0214    EA    24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.44 7.30	7.30
26 05 26 00-0215    EA    30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.81 8.34	8.35
26 05 26 00-0216    EA    54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.37 9.74	9.73
<b>26 05 29    Hangers and Supports for Electrical Systems</b> <small>(26 05)</small>		
<b>26 05 29 00-0001</b> <b>Metal Framing Channel And Fittings</b> <small>(26 05 29)</small> See CSI section 05 43 00 00-0001 for additional unistrut fittings.		
<b>26 05 29 00-0002</b> <b>Metal Framing Channel</b> <small>(26 05 29 00-0001)</small> Note: Excludes fasteners and accessories.		
<b>26 05 29 00-0003</b> <b>14 Gauge Metal Framing Channels</b> <small>(26 05 29 00-0002)</small>		
<b>26 05 29 00-0004</b> <b>14 Gauge, Steel Unistrut Channel</b> <small>(26 05 29 00-0003)</small>		
26 05 29 00-0005    EA    Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	22.43	6.36
26 05 29 00-0006    EA    >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	26.87	6.36
26 05 29 00-0007    LF    >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel .....	12.39	2.39
<b>26 05 29 00-0008</b> <b>14 Gauge, 304 Stainless Steel Unistrut Channel</b> <small>(26 05 29 00-0003)</small>		
26 05 29 00-0009    EA    Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	40.91	6.36
26 05 29 00-0010    EA    Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	45.70	6.36
26 05 29 00-0011    EA    >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	63.83	6.36
26 05 29 00-0012    EA    >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	73.41	6.36
26 05 29 00-0013    LF    >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	30.86	2.40
26 05 29 00-0014    LF    >2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel .....	35.65	2.40
<b>26 05 29 00-0015</b> <b>14 Gauge, 316 Stainless Steel Unistrut Channel</b> <small>(26 05 29 00-0003)</small>		
26 05 29 00-0016    EA    Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel .....	61.59	6.36
26 05 29 00-0017    EA    >1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel .....	105.19	6.36
26 05 29 00-0018    LF    >2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel .....	51.54	2.40
<b>26 05 29 00-0019</b> <b>12 Gauge Metal Framing Channels</b> <small>(26 05 29 00-0002)</small>		
<b>26 05 29 00-0020</b> <b>12 Gauge, Steel Unistrut Channel</b> <small>(26 05 29 00-0019)</small>		
26 05 29 00-0021    EA    Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	24.29	6.36
26 05 29 00-0022    EA    Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel .....	23.66	6.36
26 05 29 00-0023    EA    Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....	23.25	6.36
26 05 29 00-0024    EA    >1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	30.58	6.36
26 05 29 00-0025    EA    >1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel .....	29.33	6.36
26 05 29 00-0026    EA    >1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel .....	28.51	6.36
26 05 29 00-0027    LF    >2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel .....	14.25	2.39



**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0028	LF		>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	13.62	2.39
26 05 29 00-0029	LF		>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	13.21	2.39
<b>26 05 29 00-0030</b>			<b>12 Gauge, 304 Stainless Steel Unistrut Channel (26 05 29 00-0019)</b>		
26 05 29 00-0031	EA		Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	47.29	6.36
26 05 29 00-0032	EA		Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	55.55	6.36
26 05 29 00-0033	EA		>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	76.59	6.36
26 05 29 00-0034	EA		>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	93.11	6.36
26 05 29 00-0035	LF		>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	37.25	2.39
26 05 29 00-0036	LF		>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	45.51	2.39
<b>26 05 29 00-0037</b>			<b>Metal Framing Channel Fittings (26 05 29 00-0001)</b>		
<b>26 05 29 00-0038</b>			<b>Unistrut Channel Closure Strips And Caps (26 05 29 00-0037)</b>		
<b>26 05 29 00-0039</b>			<b>Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)</b>		
26 05 29 00-0040	LF		Steel Raceway Closure Strip, Unistrut Channel Fittings.....	7.50	0.58
26 05 29 00-0041	EA		Steel End Cap, Unistrut Channel Fittings.....	5.40	1.46
<b>26 05 29 00-0042</b>			<b>Stainless Steel Unistrut Channel Closure Strips And Caps (26 05 29 00-0038)</b>		
26 05 29 00-0043	EA		Stainless Steel End Cap For Unistrut Channel.....	15.27	1.46
<b>26 05 29 00-0044</b>			<b>Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0045</b>			<b>Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)</b>		
26 05 29 00-0046	EA		2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	7.25	
26 05 29 00-0047	EA		3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	7.21	
26 05 29 00-0048	EA		4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	8.84	
<b>26 05 29 00-0049</b>			<b>Stainless Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)</b>		
26 05 29 00-0050	EA		2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting.....	22.44	
26 05 29 00-0051	EA		3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting.....	33.68	
26 05 29 00-0052	EA		4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting.....	43.19	
<b>26 05 29 00-0053</b>			<b>90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0054</b>			<b>Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)</b>		
26 05 29 00-0055	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting.....	7.01	
26 05 29 00-0056	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting.....	5.81	
26 05 29 00-0057	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting.....	10.29	
26 05 29 00-0058	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting.....	10.14	
<b>26 05 29 00-0059</b>			<b>Stainless Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)</b>		
26 05 29 00-0060	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting.....	12.59	
26 05 29 00-0061	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting.....	15.89	
26 05 29 00-0062	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting.....	13.39	
26 05 29 00-0063	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting.....	19.27	
26 05 29 00-0064	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting.....	17.56	
26 05 29 00-0065	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting.....	32.90	
26 05 29 00-0066	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting.....	18.49	
26 05 29 00-0067	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting.....	27.08	
<b>26 05 29 00-0068</b>			<b>60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0069</b>			<b>Steel 60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0068)</b>		
26 05 29 00-0070	EA		2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting.....	14.87	
<b>26 05 29 00-0071</b>			<b>U-Connector, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0072</b>			<b>Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)</b>		
26 05 29 00-0073	EA		3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting.....	5.03	
26 05 29 00-0074	EA		5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting.....	5.65	
<b>26 05 29 00-0075</b>			<b>Stainless Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)</b>		
26 05 29 00-0076	EA		5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting.....	26.89	
<b>26 05 29 00-0077</b>			<b>Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0037)</b>		
<b>26 05 29 00-0078</b>			<b>Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)</b>		
26 05 29 00-0079	EA		3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting.....	15.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 29 00-0080</b> <b>Stainless Steel Z-Bracket, Unistrut Channel Fittings</b> <small>(26 05 29 00-0077)</small>		
26 05 29 00-0081     EA     3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting.....	52.86	
<b>26 05 29 00-0082</b> <b>Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0037)</small>		
<small>Note: Includes hex screw and nut.</small>		
<b>26 05 29 00-0083</b> <b>Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small>		
<small>Note: Includes hex screw and nut.</small>		
26 05 29 00-0084     EA     1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	5.24	1.74
26 05 29 00-0085     EA     3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	5.27	1.74
26 05 29 00-0086     EA     1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	5.41	1.74
26 05 29 00-0087     EA     1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	6.77	2.32
26 05 29 00-0088     EA     1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	7.49	2.32
26 05 29 00-0089     EA     2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	7.56	2.32
26 05 29 00-0090     EA     2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.23	2.90
26 05 29 00-0091     EA     3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.86	2.90
26 05 29 00-0092     EA     3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.47	2.90
26 05 29 00-0093     EA     4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.69	2.90
<b>26 05 29 00-0094</b> <b>304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small>		
<small>Note: Includes hex screw and nut.</small>		
26 05 29 00-0095     EA     1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	9.51	1.74
26 05 29 00-0096     EA     3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.76	1.74
26 05 29 00-0097     EA     1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.01	1.74
26 05 29 00-0098     EA     1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	14.83	2.32
26 05 29 00-0099     EA     1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	18.31	2.32
26 05 29 00-0100     EA     2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	19.23	2.32
26 05 29 00-0101     EA     2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	22.99	2.90
26 05 29 00-0102     EA     3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	26.09	2.90
26 05 29 00-0103     EA     3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	27.42	2.90
26 05 29 00-0104     EA     4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	32.34	2.90
<b>26 05 29 00-0105</b> <b>316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0082)</small>		
<small>Note: Includes hex screw and nut.</small>		
26 05 29 00-0106     EA     1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.27	1.74
26 05 29 00-0107     EA     3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.05	1.74
26 05 29 00-0108     EA     1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	12.55	1.74
26 05 29 00-0109     EA     1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	15.08	2.32
26 05 29 00-0110     EA     1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	21.17	2.32
26 05 29 00-0111     EA     2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	21.48	2.32
26 05 29 00-0112     EA     2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	25.34	2.90
26 05 29 00-0113     EA     3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	26.92	2.90
26 05 29 00-0114     EA     3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	38.14	2.90
26 05 29 00-0115     EA     4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	44.99	2.90
<b>26 05 29 00-0116</b> <b>Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0117</b> <b>Steel Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0116)</small>		
26 05 29 00-0118     EA     Set Screw Beam Clamp, Steel Unistrut Channel Fitting.....	39.68	10.59
26 05 29 00-0119     EA     "C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings.....	25.44	10.59
26 05 29 00-0120     EA     "U" Bolt Beam Clamp, Steel Unistrut Channel Fitting.....	38.24	10.59
<b>26 05 29 00-0121</b> <b>304 Stainless Steel Beam Clamps, Unistrut Channel Fittings</b> <small>(26 05 29 00-0116)</small>		
26 05 29 00-0122     EA     "U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting.....	58.29	10.59
<b>26 05 29 00-0123</b> <b>Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0037)</small>		
<b>26 05 29 00-0124</b> <b>Steel Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0123)</small>		
26 05 29 00-0125     EA     1/2" Bolt Size, Steel, Square Washer For Unistrut Channel.....	5.07	
<b>26 05 29 00-0126</b> <b>Stainless Steel Square Washers For Unistrut Channel</b> <small>(26 05 29 00-0123)</small>		
26 05 29 00-0127     EA     1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel.....	6.05	
26 05 29 00-0128     EA     1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel.....	7.76	
<b>26 05 29 00-0129</b> <b>Strut Braces, Unistrut Channel Fittings</b> <small>(26 05 29 00-0037)</small>		
26 05 29 00-0130     EA     16" Diagonal Steel Bar Brace For Unistrut Channel.....	42.55	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 29 00-0131	Trolley Hangers, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0132	EA Steel Trolley Track Hanger For Unistrut Channel .....	52.70	
26 05 29 00-0133	Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0037)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0134	Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0135	EA 1/4-20, Steel Lock Nut With Spring For Unistrut Channel .....	8.25	
26 05 29 00-0136	EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel .....	9.12	
26 05 29 00-0137	EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel .....	9.78	
26 05 29 00-0138	EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel .....	13.30	
26 05 29 00-0139	Stainless Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0140	EA 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	18.65	
26 05 29 00-0141	EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	19.82	
26 05 29 00-0142	EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	27.83	
26 05 29 00-0143	EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel .....	47.25	
26 05 29 00-0144	Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0037)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0145	Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0146	EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel .....	8.28	
26 05 29 00-0147	EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel .....	9.24	
26 05 29 00-0148	EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel .....	9.83	
26 05 29 00-0149	EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel .....	14.31	
26 05 29 00-0150	Stainless Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small>		
	Note: Includes hex bolt.		
26 05 29 00-0151	EA 1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....	13.51	
26 05 29 00-0152	EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....	16.18	
26 05 29 00-0153	EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....	17.59	
26 05 29 00-0154	EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel .....	46.05	
26 05 29 00-0155	Mounting Assemblies <small>(26 05 29)</small>		
26 05 29 00-0156	Galvanized Steel Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0157	Galvanized Steel Back Plate <small>(26 05 29 00-0156)</small>		
26 05 29 00-0158	EA 1/4" x 4' x 4', Galvanized Steel Back Plate, Painted .....	548.58	69.54
26 05 29 00-0159	EA 3/8" x 14" x 16", Galvanized Steel Back Plate, Painted .....	133.55	23.18
26 05 29 00-0160	EA 3/16" x 30" x 48", Galvanized Steel Back Plate, Painted .....	338.43	57.95
26 05 29 00-0161	Aluminum Mounting Assemblies <small>(26 05 29 00-0155)</small>		
26 05 29 00-0162	Aluminum Back Plate <small>(26 05 29 00-0161)</small>		
26 05 29 00-0163	EA 3/16" x 2' x 2' Aluminum Back Plate .....	455.29	86.93
26 05 29 00-0164	EA 3/16" x 4' x 4' Aluminum Back Plate .....	1,325.93	86.93
26 05 29 00-0165	Supports <small>(26 05 29)</small>		
26 05 29 00-0166	One Hole Steel Conduit Straps <small>(26 05 29 00-0165)</small>		
26 05 29 00-0167	EA 1/2", One Hole Steel Conduit Strap .....	4.26	
	For Work In Restricted Working Space, Add	1.11	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.03	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.78	
	For >500, Deduct	-1.17	
26 05 29 00-0168	EA 3/4", One Hole Steel Conduit Strap .....	4.31	
	For Work In Restricted Working Space, Add	1.11	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.03	
	For >50 To 100, Deduct	-0.20	
	For >100 To 250, Deduct	-0.40	
	For >250 To 500, Deduct	-0.79	
	For >500, Deduct	-1.17	
26 05 29 00-0169	EA 1", One Hole Steel Conduit Strap .....	4.57	
	For Work In Restricted Working Space, Add	1.11	
	For Installation On Concrete (Includes Drilling And Fastener), Add	1.03	
	For >50 To 100, Deduct	-0.21	
	For >100 To 250, Deduct	-0.41	
	For >250 To 500, Deduct	-0.81	
	For >500, Deduct	-1.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0170 EA 1-1/4", One Hole Steel Conduit Strap .....4.76		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-1.22	
26 05 29 00-0171 EA 1-1/2", One Hole Steel Conduit Strap .....4.89		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.22	
<i>For &gt;100 To 250, Deduct</i>	-0.43	
<i>For &gt;250 To 500, Deduct</i>	-0.83	
<i>For &gt;500, Deduct</i>	-1.23	
26 05 29 00-0172 EA 2", One Hole Steel Conduit Strap .....5.69		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.24	
<i>For &gt;100 To 250, Deduct</i>	-0.47	
<i>For &gt;250 To 500, Deduct</i>	-0.89	
<i>For &gt;500, Deduct</i>	-1.31	
26 05 29 00-0173 EA 2-1/2", One Hole Steel Conduit Strap .....6.50		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.26	
<i>For &gt;100 To 250, Deduct</i>	-0.51	
<i>For &gt;250 To 500, Deduct</i>	-0.95	
<i>For &gt;500, Deduct</i>	-1.39	
26 05 29 00-0174 EA 3", One Hole Steel Conduit Strap .....6.76		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.26	
<i>For &gt;100 To 250, Deduct</i>	-0.52	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.42	
26 05 29 00-0175 EA 3-1/2", One Hole Steel Conduit Strap .....8.10		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.59	
<i>For &gt;250 To 500, Deduct</i>	-1.07	
<i>For &gt;500, Deduct</i>	-1.55	
26 05 29 00-0176 EA 4", One Hole Steel Conduit Strap .....9.16		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.32	
<i>For &gt;100 To 250, Deduct</i>	-0.64	
<i>For &gt;250 To 500, Deduct</i>	-1.15	
<i>For &gt;500, Deduct</i>	-1.66	
<b>26 05 29 00-0177 One Hole Iron Conduit Straps (26 05 29 00-0165)</b> .....4.39		
26 05 29 00-0178 EA 1/2", One Hole Iron Conduit Strap .....4.39		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;250 To 500, Deduct</i>	-0.79	
<i>For &gt;500, Deduct</i>	-1.18	
26 05 29 00-0179 EA 3/4", One Hole Iron Conduit Strap .....4.51		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500, Deduct</i>	-1.19	
26 05 29 00-0180 EA 1", One Hole Iron Conduit Strap .....4.74		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-1.22	
26 05 29 00-0181 EA 1-1/4", One Hole Iron Conduit Strap .....5.29		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.45	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.27	
26 05 29 00-0182 EA 1-1/2", One Hole Iron Conduit Strap .....5.52		
<i>For Work In Restricted Working Space, Add</i>	1.11	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.46	
<i>For &gt;250 To 500, Deduct</i>	-0.88	
<i>For &gt;500, Deduct</i>	-1.29	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0183	EA		2", One Hole Iron Conduit Strap .....	6.92	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.98	
			<i>For &gt;500, Deduct</i>	-1.43	
26 05 29 00-0184	EA		2-1/2", One Hole Iron Conduit Strap .....	9.93	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.34	
			<i>For &gt;100 To 250, Deduct</i>	-0.68	
			<i>For &gt;250 To 500, Deduct</i>	-1.21	
			<i>For &gt;500, Deduct</i>	-1.74	
26 05 29 00-0185	EA		3", One Hole Iron Conduit Strap .....	12.44	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.81	
			<i>For &gt;250 To 500, Deduct</i>	-1.40	
			<i>For &gt;500, Deduct</i>	-1.99	
26 05 29 00-0186	EA		3-1/2", One Hole Iron Conduit Strap .....	16.11	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.99	
			<i>For &gt;250 To 500, Deduct</i>	-1.67	
			<i>For &gt;500, Deduct</i>	-2.35	
26 05 29 00-0187	EA		4", One Hole Iron Conduit Strap .....	30.80	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.86	
			<i>For &gt;100 To 250, Deduct</i>	-1.73	
			<i>For &gt;250 To 500, Deduct</i>	-2.77	
			<i>For &gt;500, Deduct</i>	-3.82	
26 05 29 00-0188	EA		5", One Hole Iron Conduit Strap .....	38.70	
			<i>For Work In Restricted Working Space, Add</i>	1.11	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-1.06	
			<i>For &gt;100 To 250, Deduct</i>	-2.12	
			<i>For &gt;250 To 500, Deduct</i>	-3.37	
			<i>For &gt;500, Deduct</i>	-4.61	
<b>26 05 29 00-0189</b>			<b>Two Hole Steel Conduit Straps</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0190	EA		1/2", Two Hole Steel Conduit Strap .....	4.95	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.89	
			<i>For &gt;500, Deduct</i>	-1.33	
26 05 29 00-0191	EA		3/4", Two Hole Steel Conduit Strap .....	5.04	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.90	
			<i>For &gt;500, Deduct</i>	-1.34	
26 05 29 00-0192	EA		1", Two Hole Steel Conduit Strap .....	5.08	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.90	
			<i>For &gt;500, Deduct</i>	-1.34	
26 05 29 00-0193	EA		1-1/4", Two Hole Steel Conduit Strap .....	5.15	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.35	
26 05 29 00-0194	EA		1-1/2", Two Hole Steel Conduit Strap .....	5.19	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.35	
26 05 29 00-0195	EA		2", Two Hole Steel Conduit Strap .....	5.30	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.24	
			<i>For &gt;100 To 250, Deduct</i>	-0.47	
			<i>For &gt;250 To 500, Deduct</i>	-0.92	
			<i>For &gt;500, Deduct</i>	-1.36	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0196 EA 2-1/2", Two Hole Steel Conduit Strap .....5.91		
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
<i>For &gt;50 To 100, Deduct</i>	-0.25	
<i>For &gt;100 To 250, Deduct</i>	-0.50	
<i>For &gt;250 To 500, Deduct</i>	-0.96	
<i>For &gt;500, Deduct</i>	-1.43	
26 05 29 00-0197 EA 3", Two Hole Steel Conduit Strap .....6.04		
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
<i>For &gt;50 To 100, Deduct</i>	-0.26	
<i>For &gt;100 To 250, Deduct</i>	-0.51	
<i>For &gt;250 To 500, Deduct</i>	-0.97	
<i>For &gt;500, Deduct</i>	-1.44	
26 05 29 00-0198 EA 3-1/2", Two Hole Steel Conduit Strap .....6.51		
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
<i>For &gt;50 To 100, Deduct</i>	-0.27	
<i>For &gt;100 To 250, Deduct</i>	-0.53	
<i>For &gt;250 To 500, Deduct</i>	-1.01	
<i>For &gt;500, Deduct</i>	-1.49	
26 05 29 00-0199 EA 4", Two Hole Steel Conduit Strap .....6.84		
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
<i>For &gt;50 To 100, Deduct</i>	-0.28	
<i>For &gt;100 To 250, Deduct</i>	-0.55	
<i>For &gt;250 To 500, Deduct</i>	-1.03	
<i>For &gt;500, Deduct</i>	-1.52	
26 05 29 00-0200 EA 5", Two Hole Steel Conduit Strap .....7.27		
<i>For Work In Restricted Working Space, Add</i>	1.25	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.24	
<i>For &gt;50 To 100, Deduct</i>	-0.29	
<i>For &gt;100 To 250, Deduct</i>	-0.57	
<i>For &gt;250 To 500, Deduct</i>	-1.07	
<i>For &gt;500, Deduct</i>	-1.56	
<b>26 05 29 00-0201 Clamp Back Spacers (26 05 29 00-0165)</b> .....4.04		
26 05 29 00-0202 EA 1/2" Conduit, Clamp Back Spacer .....4.04		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For &gt;100 To 250, Deduct</i>	-0.35	
<i>For &gt;250 To 500, Deduct</i>	-0.67	
<i>For &gt;500, Deduct</i>	-0.98	
26 05 29 00-0203 EA 3/4" Conduit, Clamp Back Spacer .....4.42		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.18	
<i>For &gt;100 To 250, Deduct</i>	-0.37	
<i>For &gt;250 To 500, Deduct</i>	-0.69	
<i>For &gt;500, Deduct</i>	-1.02	
26 05 29 00-0204 EA 1" Conduit, Clamp Back Spacer .....4.78		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.19	
<i>For &gt;100 To 250, Deduct</i>	-0.38	
<i>For &gt;250 To 500, Deduct</i>	-0.72	
<i>For &gt;500, Deduct</i>	-1.06	
26 05 29 00-0205 EA 1-1/4" Conduit, Clamp Back Spacer .....6.16		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.45	
<i>For &gt;250 To 500, Deduct</i>	-0.82	
<i>For &gt;500, Deduct</i>	-1.20	
26 05 29 00-0206 EA 1-1/2" Conduit, Clamp Back Spacer .....7.28		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.25	
<i>For &gt;100 To 250, Deduct</i>	-0.51	
<i>For &gt;250 To 500, Deduct</i>	-0.91	
<i>For &gt;500, Deduct</i>	-1.31	
26 05 29 00-0207 EA 2" Conduit, Clamp Back Spacer .....8.45		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.28	
<i>For &gt;100 To 250, Deduct</i>	-0.57	
<i>For &gt;250 To 500, Deduct</i>	-1.00	
<i>For &gt;500, Deduct</i>	-1.43	
26 05 29 00-0208 EA 2-1/2" Conduit, Clamp Back Spacer .....13.21		
<i>For Work In Restricted Working Space, Add</i>	0.87	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
<i>For &gt;50 To 100, Deduct</i>	-0.40	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.35	
<i>For &gt;500, Deduct</i>	-1.90	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0209	EA		3" Conduit, Clamp Back Spacer.....	18.89	
			<i>For Work In Restricted Working Space, Add</i>	0.87	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
			<i>For &gt;50 To 100, Deduct</i>	-0.54	
			<i>For &gt;100 To 250, Deduct</i>	-1.09	
			<i>For &gt;250 To 500, Deduct</i>	-1.78	
			<i>For &gt;500, Deduct</i>	-2.47	
26 05 29 00-0210	EA		3-1/2" Conduit, Clamp Back Spacer.....	24.41	
			<i>For Work In Restricted Working Space, Add</i>	0.87	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100 To 250, Deduct</i>	-1.37	
			<i>For &gt;250 To 500, Deduct</i>	-2.19	
			<i>For &gt;500, Deduct</i>	-3.02	
26 05 29 00-0211	EA		4" Conduit, Clamp Back Spacer.....	50.33	
			<i>For Work In Restricted Working Space, Add</i>	0.87	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
			<i>For &gt;50 To 100, Deduct</i>	-1.33	
			<i>For &gt;100 To 250, Deduct</i>	-2.66	
			<i>For &gt;250 To 500, Deduct</i>	-4.14	
			<i>For &gt;500, Deduct</i>	-5.61	
26 05 29 00-0212	EA		5" Conduit, Clamp Back Spacer.....	94.08	
			<i>For Work In Restricted Working Space, Add</i>	0.87	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.83	
			<i>For &gt;50 To 100, Deduct</i>	-2.42	
			<i>For &gt;100 To 250, Deduct</i>	-4.85	
			<i>For &gt;250 To 500, Deduct</i>	-7.42	
			<i>For &gt;500, Deduct</i>	-9.99	
26 05 29 00-0213			<b>Conduit Clips</b> <small>(26 05 29 00-0165)</small>		
			Note: Push in or clip.		
26 05 29 00-0214	EA		1/2" Conduit Clip.....	4.90	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
			<i>For &gt;500, Deduct</i>	-1.23	
26 05 29 00-0215	EA		3/4" Conduit Clip.....	4.90	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
			<i>For &gt;500, Deduct</i>	-1.23	
26 05 29 00-0216	EA		1" Conduit Clip.....	4.81	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.21	
			<i>For &gt;100 To 250, Deduct</i>	-0.43	
			<i>For &gt;250 To 500, Deduct</i>	-0.82	
			<i>For &gt;500, Deduct</i>	-1.22	
26 05 29 00-0217	EA		1-1/4" Conduit Clip.....	5.03	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.25	
26 05 29 00-0218			<b>Bolt And Nut Conduit Clips</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0219	EA		3/4" Bolt And Nut Conduit Clip (Minerallac 1B).....	6.08	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.26	
			<i>For &gt;50 To 100, Deduct</i>	-0.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.54	
			<i>For &gt;250 To 500, Deduct</i>	-1.04	
			<i>For &gt;500, Deduct</i>	-1.54	
26 05 29 00-0220	EA		1" Bolt And Nut Conduit Clip (Minerallac 2B).....	6.31	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.26	
			<i>For &gt;50 To 100, Deduct</i>	-0.27	
			<i>For &gt;100 To 250, Deduct</i>	-0.55	
			<i>For &gt;250 To 500, Deduct</i>	-1.05	
			<i>For &gt;500, Deduct</i>	-1.56	
26 05 29 00-0221	EA		1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B).....	6.72	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.29	
			<i>For &gt;100 To 250, Deduct</i>	-0.58	
			<i>For &gt;250 To 500, Deduct</i>	-1.12	
			<i>For &gt;500, Deduct</i>	-1.66	
26 05 29 00-0222	EA		1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B).....	6.85	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.29	
			<i>For &gt;100 To 250, Deduct</i>	-0.59	
			<i>For &gt;250 To 500, Deduct</i>	-1.13	
			<i>For &gt;500, Deduct</i>	-1.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0223 EA 2" Bolt And Nut Conduit Clip (Minerallac 5B).....	7.73	
For Installation On Concrete (Includes Drilling And Fastener), Add	1.33	
For >50 To 100, Deduct	-0.32	
For >100 To 250, Deduct	-0.63	
For >250 To 500, Deduct	-1.19	
For >500, Deduct	-1.76	
26 05 29 00-0224 EA 2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B).....	8.39	
For Installation On Concrete (Includes Drilling And Fastener), Add	1.40	
For >50 To 100, Deduct	-0.34	
For >100 To 250, Deduct	-0.68	
For >250 To 500, Deduct	-1.28	
For >500, Deduct	-1.88	
26 05 29 00-0225 EA 3" Bolt And Nut Conduit Clip (Minerallac 7B).....	9.17	
For Installation On Concrete (Includes Drilling And Fastener), Add	1.40	
For >50 To 100, Deduct	-0.36	
For >100 To 250, Deduct	-0.72	
For >250 To 500, Deduct	-1.34	
For >500, Deduct	-1.96	
26 05 29 00-0226 EA 4" Bolt And Nut Conduit Clip (Minerallac 9B).....	17.10	
For Installation On Concrete (Includes Drilling And Fastener), Add	1.55	
For >50 To 100, Deduct	-0.57	
For >100 To 250, Deduct	-1.14	
For >250 To 500, Deduct	-2.01	
For >500, Deduct	-2.87	
<b>26 05 29 00-0227 Conduit Hanger From Flange, Wire Or Rod</b> <small>(26 05 29 00-0165)</small>		
Note: Bat wing.		
26 05 29 00-0228 EA 1/2", Conduit Hanger From Flange, Wire Or Rod .....	3.53	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.80	
For >50 To 100, Deduct	-0.16	
For >100 To 250, Deduct	-0.32	
For >250 To 500, Deduct	-0.61	
For >500, Deduct	-0.91	
26 05 29 00-0229 EA 3/4", Conduit Hanger From Flange, Wire Or Rod .....	3.60	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.80	
For >50 To 100, Deduct	-0.16	
For >100 To 250, Deduct	-0.32	
For >250 To 500, Deduct	-0.62	
For >500, Deduct	-0.92	
26 05 29 00-0230 EA 1", Conduit Hanger From Flange, Wire Or Rod .....	3.77	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.80	
For >50 To 100, Deduct	-0.16	
For >100 To 250, Deduct	-0.33	
For >250 To 500, Deduct	-0.63	
For >500, Deduct	-0.94	
26 05 29 00-0231 EA 1-1/4", Conduit Hanger From Flange, Wire Or Rod .....	4.21	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.80	
For >50 To 100, Deduct	-0.18	
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.66	
For >500, Deduct	-0.98	
<b>26 05 29 00-0232 Beam Flange Clamps</b> <small>(26 05 29 00-0165)</small>		
Note: For threaded rod, nut not required.		
26 05 29 00-0233 EA 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24) .....	5.37	
For >50 To 100, Deduct	-0.21	
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.77	
For >500, Deduct	-1.12	
26 05 29 00-0234 EA 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58) .....	5.25	
For >50 To 100, Deduct	-0.20	
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.76	
For >500, Deduct	-1.11	
26 05 29 00-0235 EA 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912) .....	5.93	
For >50 To 100, Deduct	-0.22	
For >100 To 250, Deduct	-0.44	
For >250 To 500, Deduct	-0.81	
For >500, Deduct	-1.17	
<b>26 05 29 00-0236 T-Bar Support Clips</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0237 EA 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95).....	8.78	
For >50 To 100, Deduct	-0.36	
For >100 To 250, Deduct	-0.73	
For >250 To 500, Deduct	-1.38	
For >500, Deduct	-2.04	
26 05 29 00-0238 EA 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS).....	8.25	
For >50 To 100, Deduct	-0.35	
For >100 To 250, Deduct	-0.70	
For >250 To 500, Deduct	-1.34	
For >500, Deduct	-1.98	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0239	EA		15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16).....	3.28	
			<i>For &gt;50 To 100, Deduct</i>	-0.12	
			<i>For &gt;100 To 250, Deduct</i>	-0.24	
			<i>For &gt;250 To 500, Deduct</i>	-0.43	
			<i>For &gt;500, Deduct</i>	-0.62	
26 05 29 00-0240	EA		24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512).....	28.68	
			<i>For &gt;50 To 100, Deduct</i>	-0.78	
			<i>For &gt;100 To 250, Deduct</i>	-1.55	
			<i>For &gt;250 To 500, Deduct</i>	-2.44	
			<i>For &gt;500, Deduct</i>	-3.33	
<b>26 05 29 00-0241</b>			<b>Switch And Outlet Box Type Supports</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0242	EA		1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS) .....	6.82	
			<i>For &gt;50 To 100, Deduct</i>	-0.23	
			<i>For &gt;100 To 250, Deduct</i>	-0.46	
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500, Deduct</i>	-1.15	
26 05 29 00-0243	EA		1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500).....	5.71	
			<i>For &gt;50 To 100, Deduct</i>	-0.20	
			<i>For &gt;100 To 250, Deduct</i>	-0.40	
			<i>For &gt;250 To 500, Deduct</i>	-0.72	
			<i>For &gt;500, Deduct</i>	-1.04	
26 05 29 00-0244	EA		Flush, Riveted Switch And Outlet Box Support (Caddy MFO) .....	6.66	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.45	
			<i>For &gt;250 To 500, Deduct</i>	-0.79	
			<i>For &gt;500, Deduct</i>	-1.13	
26 05 29 00-0245	EA		Snap On, Switch And Outlet Box Support (Caddy MSF) .....	4.13	
			<i>For &gt;50 To 100, Deduct</i>	-0.16	
			<i>For &gt;100 To 250, Deduct</i>	-0.32	
			<i>For &gt;250 To 500, Deduct</i>	-0.60	
			<i>For &gt;500, Deduct</i>	-0.88	
26 05 29 00-0246	EA		1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI).....	4.33	
			<i>For &gt;50 To 100, Deduct</i>	-0.17	
			<i>For &gt;100 To 250, Deduct</i>	-0.33	
			<i>For &gt;250 To 500, Deduct</i>	-0.61	
			<i>For &gt;500, Deduct</i>	-0.90	
<b>26 05 29 00-0247</b>			<b>Lighting Fixture Hanger</b> <small>(26 05 29 00-0165)</small>		
			Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA		Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515) .....	5.72	
			<i>For &gt;50 To 100, Deduct</i>	-0.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.52	
			<i>For &gt;250 To 500, Deduct</i>	-1.01	
			<i>For &gt;500, Deduct</i>	-1.50	
26 05 29 00-0249	PR		Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517) .....	22.18	
			<i>For &gt;50 To 100, Deduct</i>	-0.67	
			<i>For &gt;100 To 250, Deduct</i>	-1.34	
			<i>For &gt;250 To 500, Deduct</i>	-2.24	
			<i>For &gt;500, Deduct</i>	-3.15	
26 05 29 00-0250	PR		Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520) .....	30.82	
			<i>For &gt;50 To 100, Deduct</i>	-0.89	
			<i>For &gt;100 To 250, Deduct</i>	-1.77	
			<i>For &gt;250 To 500, Deduct</i>	-2.89	
			<i>For &gt;500, Deduct</i>	-4.01	
<b>26 05 29 00-0251</b>			<b>Rigid Steel Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0252	EA		1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.24	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
			<i>For &gt;500, Deduct</i>	-1.22	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0253	EA		3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.27	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.83	
			<i>For &gt;500, Deduct</i>	-1.22	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0254	EA		1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	5.41	
			<i>For &gt;50 To 100, Deduct</i>	-0.22	
			<i>For &gt;100 To 250, Deduct</i>	-0.44	
			<i>For &gt;250 To 500, Deduct</i>	-0.84	
			<i>For &gt;500, Deduct</i>	-1.24	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0255	EA		1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel .....	6.76	
			<i>For &gt;50 To 100, Deduct</i>	-0.29	
			<i>For &gt;100 To 250, Deduct</i>	-0.57	
			<i>For &gt;250 To 500, Deduct</i>	-1.09	
			<i>For &gt;500, Deduct</i>	-1.60	
			<i>For Work In Restricted Working Space, Add</i>	1.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0256 EA 1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.48	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.61	
<i>For &gt;250 To 500, Deduct</i>	-1.14	
<i>For &gt;500, Deduct</i>	-1.68	
<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 29 00-0257 EA 2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.55	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.61	
<i>For &gt;250 To 500, Deduct</i>	-1.15	
<i>For &gt;500, Deduct</i>	-1.68	
<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 29 00-0258 EA 2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	9.22	
<i>For &gt;50 To 100, Deduct</i>	-0.38	
<i>For &gt;100 To 250, Deduct</i>	-0.75	
<i>For &gt;250 To 500, Deduct</i>	-1.42	
<i>For &gt;500, Deduct</i>	-2.08	
<i>For Work In Restricted Working Space, Add</i>	1.74	
26 05 29 00-0259 EA 3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	9.85	
<i>For &gt;50 To 100, Deduct</i>	-0.39	
<i>For &gt;100 To 250, Deduct</i>	-0.78	
<i>For &gt;250 To 500, Deduct</i>	-1.46	
<i>For &gt;500, Deduct</i>	-2.14	
<i>For Work In Restricted Working Space, Add</i>	1.74	
26 05 29 00-0260 EA 3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	10.46	
<i>For &gt;50 To 100, Deduct</i>	-0.41	
<i>For &gt;100 To 250, Deduct</i>	-0.81	
<i>For &gt;250 To 500, Deduct</i>	-1.51	
<i>For &gt;500, Deduct</i>	-2.20	
<i>For Work In Restricted Working Space, Add</i>	1.74	
26 05 29 00-0261 EA 4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	10.68	
<i>For &gt;50 To 100, Deduct</i>	-0.41	
<i>For &gt;100 To 250, Deduct</i>	-0.82	
<i>For &gt;250 To 500, Deduct</i>	-1.52	
<i>For &gt;500, Deduct</i>	-2.23	
<i>For Work In Restricted Working Space, Add</i>	1.74	
<b>26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0263 EA 1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.71	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.46	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.27	
<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0264 EA 3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.65	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.46	
<i>For &gt;250 To 500, Deduct</i>	-0.86	
<i>For &gt;500, Deduct</i>	-1.26	
<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0265 EA 1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.58	
<i>For &gt;50 To 100, Deduct</i>	-0.23	
<i>For &gt;100 To 250, Deduct</i>	-0.45	
<i>For &gt;250 To 500, Deduct</i>	-0.85	
<i>For &gt;500, Deduct</i>	-1.25	
<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0266 EA 1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	7.33	
<i>For &gt;50 To 100, Deduct</i>	-0.30	
<i>For &gt;100 To 250, Deduct</i>	-0.60	
<i>For &gt;250 To 500, Deduct</i>	-1.13	
<i>For &gt;500, Deduct</i>	-1.66	
<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 29 00-0267 EA 1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.58	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100 To 250, Deduct</i>	-0.66	
<i>For &gt;250 To 500, Deduct</i>	-1.22	
<i>For &gt;500, Deduct</i>	-1.79	
<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 29 00-0268 EA 2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.65	
<i>For &gt;50 To 100, Deduct</i>	-0.33	
<i>For &gt;100 To 250, Deduct</i>	-0.66	
<i>For &gt;250 To 500, Deduct</i>	-1.23	
<i>For &gt;500, Deduct</i>	-1.79	
<i>For Work In Restricted Working Space, Add</i>	1.39	
<b>26 05 29 00-0269 "J" Type Conduit Hangers</b> <small>(26 05 29 00-0165)</small>		
26 05 29 00-0270 EA 1/2", "J" Type Conduit Hanger (Unistrut J1205).....	26.26	
<i>For &gt;50 To 100, Deduct</i>	-0.86	
<i>For &gt;100 To 250, Deduct</i>	-1.72	
<i>For &gt;250 To 500, Deduct</i>	-2.98	
<i>For &gt;500, Deduct</i>	-4.25	
<i>For Work In Restricted Working Space, Add</i>	2.43	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0271	EA	3/4"	"J" Type Conduit Hanger (Unistrut J1207).....	26.57	
			<i>For &gt;50 To 100, Deduct</i>	-0.87	
			<i>For &gt;100 To 250, Deduct</i>	-1.73	
			<i>For &gt;250 To 500, Deduct</i>	-3.01	
			<i>For &gt;500, Deduct</i>	-4.28	
			<i>For Work In Restricted Working Space, Add</i>	2.43	
26 05 29 00-0272	EA	1"	"J" Type Conduit Hanger (Unistrut J1210).....	28.03	
			<i>For &gt;50 To 100, Deduct</i>	-0.93	
			<i>For &gt;100 To 250, Deduct</i>	-1.87	
			<i>For &gt;250 To 500, Deduct</i>	-3.26	
			<i>For &gt;500, Deduct</i>	-4.66	
			<i>For Work In Restricted Working Space, Add</i>	2.78	
26 05 29 00-0273	EA	1-1/4"	"J" Type Conduit Hanger (Unistrut J1212).....	28.37	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100 To 250, Deduct</i>	-1.88	
			<i>For &gt;250 To 500, Deduct</i>	-3.29	
			<i>For &gt;500, Deduct</i>	-4.69	
			<i>For Work In Restricted Working Space, Add</i>	2.78	
26 05 29 00-0274	EA	1-1/2"	"J" Type Conduit Hanger (Unistrut J1215).....	29.75	
			<i>For &gt;50 To 100, Deduct</i>	-1.00	
			<i>For &gt;100 To 250, Deduct</i>	-2.01	
			<i>For &gt;250 To 500, Deduct</i>	-3.54	
			<i>For &gt;500, Deduct</i>	-5.06	
			<i>For Work In Restricted Working Space, Add</i>	3.13	
26 05 29 00-0275	EA	2"	"J" Type Conduit Hanger (Unistrut J1220).....	31.04	
			<i>For &gt;50 To 100, Deduct</i>	-1.04	
			<i>For &gt;100 To 250, Deduct</i>	-2.07	
			<i>For &gt;250 To 500, Deduct</i>	-3.63	
			<i>For &gt;500, Deduct</i>	-5.19	
			<i>For Work In Restricted Working Space, Add</i>	3.13	
26 05 29 00-0276	EA	2-1/2"	"J" Type Conduit Hanger (Unistrut J1225).....	50.62	
			<i>For &gt;50 To 100, Deduct</i>	-1.56	
			<i>For &gt;100 To 250, Deduct</i>	-3.11	
			<i>For &gt;250 To 500, Deduct</i>	-5.25	
			<i>For &gt;500, Deduct</i>	-7.38	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
26 05 29 00-0277	EA	3"	"J" Type Conduit Hanger (Unistrut J1230).....	53.73	
			<i>For &gt;50 To 100, Deduct</i>	-1.66	
			<i>For &gt;100 To 250, Deduct</i>	-3.32	
			<i>For &gt;250 To 500, Deduct</i>	-5.62	
			<i>For &gt;500, Deduct</i>	-7.92	
			<i>For Work In Restricted Working Space, Add</i>	3.83	
26 05 29 00-0278	EA	3-1/2"	"J" Type Conduit Hanger (Unistrut J1235).....	57.81	
			<i>For &gt;50 To 100, Deduct</i>	-1.79	
			<i>For &gt;100 To 250, Deduct</i>	-3.59	
			<i>For &gt;250 To 500, Deduct</i>	-6.07	
			<i>For &gt;500, Deduct</i>	-8.56	
			<i>For Work In Restricted Working Space, Add</i>	4.17	
26 05 29 00-0279	EA	4"	"J" Type Conduit Hanger (Unistrut J1240).....	77.79	
			<i>For &gt;50 To 100, Deduct</i>	-2.29	
			<i>For &gt;100 To 250, Deduct</i>	-4.59	
			<i>For &gt;250 To 500, Deduct</i>	-7.57	
			<i>For &gt;500, Deduct</i>	-10.56	
			<i>For Work In Restricted Working Space, Add</i>	4.17	
26 05 29 00-0280	EA	5"	"J" Type Conduit Hanger (Unistrut J1250).....	85.50	
			<i>For &gt;50 To 100, Deduct</i>	-2.51	
			<i>For &gt;100 To 250, Deduct</i>	-5.03	
			<i>For &gt;250 To 500, Deduct</i>	-8.30	
			<i>For &gt;500, Deduct</i>	-11.56	
			<i>For Work In Restricted Working Space, Add</i>	4.52	
26 05 29 00-0281	EA	6"	"J" Type Conduit Hanger (Unistrut J1260).....	121.32	
			<i>For &gt;50 To 100, Deduct</i>	-3.47	
			<i>For &gt;100 To 250, Deduct</i>	-6.94	
			<i>For &gt;250 To 500, Deduct</i>	-11.27	
			<i>For &gt;500, Deduct</i>	-15.61	
			<i>For Work In Restricted Working Space, Add</i>	5.22	
26 05 29 00-0282	<b>Between Studs Box Brackets</b> <small>(26 05 29 00-0165)</small>				
26 05 29 00-0283	EA	16"	Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A) .....	9.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.32	
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.63	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0284	EA	24"	Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A) .....	11.40	
			<i>For &gt;50 To 100, Deduct</i>	-0.37	
			<i>For &gt;100 To 250, Deduct</i>	-0.74	
			<i>For &gt;250 To 500, Deduct</i>	-1.29	
			<i>For &gt;500, Deduct</i>	-1.84	
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 29 00-0285	<b>Hangers And Brackets</b> <small>(26 05 29 00-0165)</small>				



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0286 EA Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI) .....	3.09	
<i>For &gt;50 To 100, Deduct</i>	-0.14	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.52	
<i>For &gt;500, Deduct</i>	-0.77	
26 05 29 00-0287 EA Angle Bracket Only With 1/4" Hole (Caddy AB) .....	2.98	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.51	
<i>For &gt;500, Deduct</i>	-0.76	
26 05 29 00-0288 EA Offset Bracket Only With 1/4" Hole (Caddy AO) .....	2.98	
<i>For &gt;50 To 100, Deduct</i>	-0.13	
<i>For &gt;100 To 250, Deduct</i>	-0.27	
<i>For &gt;250 To 500, Deduct</i>	-0.51	
<i>For &gt;500, Deduct</i>	-0.76	
26 05 29 00-0289 EA Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB) .....	4.20	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.61	
<i>For &gt;500, Deduct</i>	-0.88	
26 05 29 00-0290 EA Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB) .....	4.22	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.61	
<i>For &gt;500, Deduct</i>	-0.89	
26 05 29 00-0291 EA Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB) .....	4.08	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.32	
<i>For &gt;250 To 500, Deduct</i>	-0.60	
<i>For &gt;500, Deduct</i>	-0.87	
26 05 29 00-0292 EA Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO) .....	4.20	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.61	
<i>For &gt;500, Deduct</i>	-0.88	
26 05 29 00-0293 EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO) .....	4.22	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.61	
<i>For &gt;500, Deduct</i>	-0.89	
<b>26 05 29 00-0294 Clips And Accessories</b> <small>(26 05 29 00-0165)</small> .....	2.13	
26 05 29 00-0295 EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR) .....	2.13	
<i>For &gt;50 To 100, Deduct</i>	-0.09	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
<i>For &gt;500, Deduct</i>	-0.50	
26 05 29 00-0296 EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12) .....	2.17	
<i>For &gt;50 To 100, Deduct</i>	-0.09	
<i>For &gt;100 To 250, Deduct</i>	-0.18	
<i>For &gt;250 To 500, Deduct</i>	-0.34	
<i>For &gt;500, Deduct</i>	-0.51	
26 05 29 00-0297 EA 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20) .....	2.36	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.19	
<i>For &gt;250 To 500, Deduct</i>	-0.36	
<i>For &gt;500, Deduct</i>	-0.53	
26 05 29 00-0298 EA 2" Diameter Center, Bridle Ring (Caddy 2BR32) .....	2.74	
<i>For &gt;50 To 100, Deduct</i>	-0.10	
<i>For &gt;100 To 250, Deduct</i>	-0.21	
<i>For &gt;250 To 500, Deduct</i>	-0.39	
<i>For &gt;500, Deduct</i>	-0.56	
<b>26 05 29 00-0299 Wire Ties</b> <small>(26 05 29 00-0165)</small> .....		
Note: Per hundred (C).		
26 05 29 00-0300 C 3" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	30.03	
<i>For Up To 0.1, Add</i>	24.19	
<i>For &gt;0.1 To 0.25, Add</i>	12.10	
<i>For &gt;0.25 To 0.75, Add</i>	6.05	
<i>For &gt;2.0, Deduct</i>	-2.42	
<i>For UV Black, Add</i>	0.88	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.26	
26 05 29 00-0301 C 4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	30.25	
<i>For Up To 0.1, Add</i>	24.19	
<i>For &gt;0.1 To 0.25, Add</i>	12.10	
<i>For &gt;0.25 To 0.75, Add</i>	6.05	
<i>For &gt;2.0, Deduct</i>	-2.42	
<i>For UV Black, Add</i>	0.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.26	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0302	C		4-3/4" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	30.41	
			For Up To 0.1, Add	24.19	
			For >0.1 To 0.25, Add	12.10	
			For >0.25 To 0.75, Add	6.05	
			For >2.0, Deduct	-2.42	
			For UV Black, Add	0.93	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.26	
26 05 29 00-0303	C		5-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	30.48	
			For Up To 0.1, Add	24.19	
			For >0.1 To 0.25, Add	12.10	
			For >0.25 To 0.75, Add	6.05	
			For >2.0, Deduct	-2.42	
			For UV Black, Add	0.94	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.26	
26 05 29 00-0304	C		6-1/2" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	31.60	
			For Up To 0.1, Add	25.24	
			For >0.1 To 0.25, Add	12.62	
			For >0.25 To 0.75, Add	6.31	
			For >2.0, Deduct	-2.52	
			For UV Black, Add	0.95	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.57	
26 05 29 00-0305	C		8" Length, 18 Lb. Tensile Strength, Nylon Cable Ties .....	37.68	
			For Up To 0.1, Add	26.39	
			For >0.1 To 0.25, Add	13.20	
			For >0.25 To 0.75, Add	6.60	
			For >2.0, Deduct	-2.64	
			For UV Black, Add	1.69	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.92	
26 05 29 00-0306	C		4-3/4" Length, 40 Lb. Tensile Strength, Nylon Cable Ties .....	36.30	
			For Up To 0.1, Add	24.19	
			For >0.1 To 0.25, Add	12.10	
			For >0.25 To 0.75, Add	6.05	
			For >2.0, Deduct	-2.42	
			For UV Black, Add	1.82	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.26	
26 05 29 00-0307	C		6" Length, 40 Lb. Tensile Strength, Nylon Cable Ties .....	37.44	
			For Up To 0.1, Add	25.24	
			For >0.1 To 0.25, Add	12.62	
			For >0.25 To 0.75, Add	6.31	
			For >2.0, Deduct	-2.52	
			For UV Black, Add	1.83	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.57	
26 05 29 00-0308	C		8" Length, 40 Lb. Tensile Strength, Nylon Cable Ties .....	38.65	
			For Up To 0.1, Add	26.39	
			For >0.1 To 0.25, Add	13.20	
			For >0.25 To 0.75, Add	6.60	
			For >2.0, Deduct	-2.64	
			For UV Black, Add	1.84	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.92	
26 05 29 00-0309	C		10" Length, 40 Lb. Tensile Strength, Nylon Cable Ties .....	56.73	
			For Up To 0.1, Add	28.45	
			For >0.1 To 0.25, Add	14.23	
			For >0.25 To 0.75, Add	7.11	
			For >2.0, Deduct	-2.85	
			For UV Black, Add	4.24	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.54	
26 05 29 00-0310	C		11-1/2" Length, 40 Lb. Tensile Strength, Nylon Cable Ties .....	59.29	
			For Up To 0.1, Add	28.45	
			For >0.1 To 0.25, Add	14.23	
			For >0.25 To 0.75, Add	7.11	
			For >2.0, Deduct	-2.85	
			For UV Black, Add	4.63	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.54	
26 05 29 00-0311	C		7" Length, 50 Lb. Tensile Strength, Nylon Cable Ties .....	40.44	
			For Up To 0.1, Add	26.39	
			For >0.1 To 0.25, Add	13.20	
			For >0.25 To 0.75, Add	6.60	
			For >2.0, Deduct	-2.64	
			For UV Black, Add	2.11	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.92	
26 05 29 00-0312	C		8" Length, 50 Lb. Tensile Strength, Nylon Cable Ties .....	38.18	
			For Up To 0.1, Add	26.39	
			For >0.1 To 0.25, Add	13.20	
			For >0.25 To 0.75, Add	6.60	
			For >2.0, Deduct	-2.64	
			For UV Black, Add	1.77	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.92	
26 05 29 00-0313	C		11" Length, 50 Lb. Tensile Strength, Nylon Cable Ties .....	57.44	
			For Up To 0.1, Add	28.45	
			For >0.1 To 0.25, Add	14.23	
			For >0.25 To 0.75, Add	7.11	
			For >2.0, Deduct	-2.85	
			For UV Black, Add	4.35	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0314 C 14-1/2" Length, 50 Lb. Tensile Strength, Nylon Cable Ties .....	65.87	
For Up To 0.1, Add	30.23	
For >0.1 To 0.25, Add	15.12	
For >0.25 To 0.75, Add	7.56	
For >2.0, Deduct	-3.02	
For UV Black, Add	5.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.07	
26 05 29 00-0315 C 8" Length, 120 Lb. Tensile Strength, Nylon Cable Ties .....	64.63	
For Up To 0.1, Add	26.39	
For >0.1 To 0.25, Add	13.20	
For >0.25 To 0.75, Add	6.60	
For >2.0, Deduct	-2.64	
For UV Black, Add	5.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.92	
26 05 29 00-0316 C 11" Length, 120 Lb. Tensile Strength, Nylon Cable Ties .....	70.79	
For Up To 0.1, Add	28.45	
For >0.1 To 0.25, Add	14.23	
For >0.25 To 0.75, Add	7.11	
For >2.0, Deduct	-2.85	
For UV Black, Add	6.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.54	
26 05 29 00-0317 C 15" Length, 120 Lb. Tensile Strength, Nylon Cable Ties .....	85.91	
For Up To 0.1, Add	30.23	
For >0.1 To 0.25, Add	15.12	
For >0.25 To 0.75, Add	7.56	
For >2.0, Deduct	-3.02	
For UV Black, Add	8.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.07	
26 05 29 00-0318 C 17" Length, 120 Lb. Tensile Strength, Nylon Cable Ties .....	123.48	
For Up To 0.1, Add	32.25	
For >0.1 To 0.25, Add	16.13	
For >0.25 To 0.75, Add	8.06	
For >2.0, Deduct	-3.23	
For UV Black, Add	13.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 29 00-0319 C 17-3/4" Length, 175 Lb. Tensile Strength, Nylon Cable Ties .....	119.59	
For Up To 0.1, Add	32.25	
For >0.1 To 0.25, Add	16.13	
For >0.25 To 0.75, Add	8.06	
For >2.0, Deduct	-3.23	
For UV Black, Add	13.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 29 00-0320 C 21-11/16" Length, 175 Lb. Tensile Strength, Nylon Cable Ties .....	145.99	
For Up To 0.1, Add	33.76	
For >0.1 To 0.25, Add	16.88	
For >0.25 To 0.75, Add	8.44	
For >2.0, Deduct	-3.38	
For UV Black, Add	16.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.13	
26 05 29 00-0321 C 30" Length, 175 Lb. Tensile Strength, Nylon Cable Ties .....	169.16	
For Up To 0.1, Add	35.39	
For >0.1 To 0.25, Add	17.70	
For >0.25 To 0.75, Add	8.85	
For >2.0, Deduct	-3.54	
For UV Black, Add	20.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.62	
26 05 29 00-0322 C 46" Length, 175 Lb. Tensile Strength, Nylon Cable Ties .....	232.56	
For Up To 0.1, Add	38.19	
For >0.1 To 0.25, Add	19.10	
For >0.25 To 0.75, Add	9.55	
For >2.0, Deduct	-3.82	
For UV Black, Add	29.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.46	
26 05 29 00-0323 C 3/4" x 3/4" Self Adhesive Tie Mounts .....	39.14	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.89	
26 05 29 00-0324 C 1.1" x 1.1" Tie Mounts With Screw .....	77.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.77	
26 05 29 00-0325 EA 6" Length x 1/2" Width, Velcro Grip Cable Tie .....	2.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	0.17	
26 05 29 00-0326 EA 8" Length x 1/2" Width, Velcro Grip Cable Tie .....	2.43	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	0.14	
26 05 29 00-0327 EA 12" Length x 1/2" Width, Velcro Grip Cable Tie .....	2.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	0.14	
26 05 29 00-0328 EA 15" Length x 3/4" Width, Velcro Grip Cable Tie .....	4.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	0.14	
26 05 29 00-0329 EA 180" Length x 3/4" Width, Velcro Grip Cable Tie Roll .....	108.95	
Note: Cut to length.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.09	

26 05 29 00-0330 Fastening Devices For Wireway And Conduit (26 05 29)  
 Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.

26 05 29 00-0331 Toggle Bolts (26 05 29 00-0330)  
 Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0332	EA		1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	9.09	
			<i>For &gt;50 To 100, Deduct</i>	-0.86	
			<i>For &gt;100 To 250, Deduct</i>	-1.73	
			<i>For &gt;250 To 500, Deduct</i>	-3.01	
			<i>For &gt;500, Deduct</i>	-4.30	
26 05 29 00-0333	EA		1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.34	
			<i>For &gt;50 To 100, Deduct</i>	-0.88	
			<i>For &gt;100 To 250, Deduct</i>	-1.77	
			<i>For &gt;250 To 500, Deduct</i>	-3.09	
			<i>For &gt;500, Deduct</i>	-4.41	
26 05 29 00-0334	EA		3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	9.88	
			<i>For &gt;50 To 100, Deduct</i>	-0.91	
			<i>For &gt;100 To 250, Deduct</i>	-1.83	
			<i>For &gt;250 To 500, Deduct</i>	-3.19	
			<i>For &gt;500, Deduct</i>	-4.54	
26 05 29 00-0335	EA		3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	10.13	
			<i>For &gt;50 To 100, Deduct</i>	-0.94	
			<i>For &gt;100 To 250, Deduct</i>	-1.87	
			<i>For &gt;250 To 500, Deduct</i>	-3.26	
			<i>For &gt;500, Deduct</i>	-4.65	
26 05 29 00-0336	EA		1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	10.36	
			<i>For &gt;50 To 100, Deduct</i>	-0.96	
			<i>For &gt;100 To 250, Deduct</i>	-1.91	
			<i>For &gt;250 To 500, Deduct</i>	-3.34	
			<i>For &gt;500, Deduct</i>	-4.76	
26 05 29 00-0337	EA		5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.90	
			<i>For &gt;50 To 100, Deduct</i>	-1.01	
			<i>For &gt;100 To 250, Deduct</i>	-2.02	
			<i>For &gt;250 To 500, Deduct</i>	-3.51	
			<i>For &gt;500, Deduct</i>	-5.00	
26 05 29 00-0338	EA		3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	12.42	
			<i>For &gt;50 To 100, Deduct</i>	-1.04	
			<i>For &gt;100 To 250, Deduct</i>	-2.08	
			<i>For &gt;250 To 500, Deduct</i>	-3.61	
			<i>For &gt;500, Deduct</i>	-5.14	
<b>26 05 29 00-0339</b>			<b>Machine Screws</b> <small>(26 05 29 00-0330)</small>		
			Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0340	EA		#8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.67	
			<i>For &gt;50 To 100, Deduct</i>	-0.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.52	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.30	
26 05 29 00-0341	EA		#10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.72	
			<i>For &gt;50 To 100, Deduct</i>	-0.26	
			<i>For &gt;100 To 250, Deduct</i>	-0.52	
			<i>For &gt;250 To 500, Deduct</i>	-0.91	
			<i>For &gt;500, Deduct</i>	-1.30	
26 05 29 00-0342	EA		1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.42	
			<i>For &gt;50 To 100, Deduct</i>	-0.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.66	
			<i>For &gt;250 To 500, Deduct</i>	-1.14	
			<i>For &gt;500, Deduct</i>	-1.63	
26 05 29 00-0343	EA		5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	3.60	
			<i>For &gt;50 To 100, Deduct</i>	-0.33	
			<i>For &gt;100 To 250, Deduct</i>	-0.66	
			<i>For &gt;250 To 500, Deduct</i>	-1.16	
			<i>For &gt;500, Deduct</i>	-1.65	
26 05 29 00-0344	EA		3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	4.45	
			<i>For &gt;50 To 100, Deduct</i>	-0.40	
			<i>For &gt;100 To 250, Deduct</i>	-0.80	
			<i>For &gt;250 To 500, Deduct</i>	-1.39	
			<i>For &gt;500, Deduct</i>	-1.99	
<b>26 05 29 00-0345</b>			<b>Hex Lag Bolts With Lag Shield Expansion Anchors</b> <small>(26 05 29 00-0330)</small>		
			Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0346	EA		1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	4.53	
			<i>For &gt;50 To 100, Deduct</i>	-0.36	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-1.23	
			<i>For &gt;500, Deduct</i>	-1.75	
26 05 29 00-0347	EA		5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	4.46	
			<i>For &gt;50 To 100, Deduct</i>	-0.35	
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-1.22	
			<i>For &gt;500, Deduct</i>	-1.74	
26 05 29 00-0348	EA		3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor.....	6.43	
			<i>For &gt;50 To 100, Deduct</i>	-0.45	
			<i>For &gt;100 To 250, Deduct</i>	-0.90	
			<i>For &gt;250 To 500, Deduct</i>	-1.54	
			<i>For &gt;500, Deduct</i>	-2.18	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0349 EA 1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor .....	8.27	
<i>For &gt;50 To 100, Deduct</i>	-0.54	
<i>For &gt;100 To 250, Deduct</i>	-1.09	
<i>For &gt;250 To 500, Deduct</i>	-1.85	
<i>For &gt;500, Deduct</i>	-2.62	
<b>26 05 29 00-0350 Hanger Lag Bolts With Hex Nuts</b> <small>(26 05 29 00-0330)</small>		
Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0351 EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.35	
<i>For &gt;50 To 100, Deduct</i>	-0.28	
<i>For &gt;100 To 250, Deduct</i>	-0.55	
<i>For &gt;250 To 500, Deduct</i>	-0.96	
<i>For &gt;500, Deduct</i>	-1.36	
26 05 29 00-0352 EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.41	
<i>For &gt;50 To 100, Deduct</i>	-0.28	
<i>For &gt;100 To 250, Deduct</i>	-0.56	
<i>For &gt;250 To 500, Deduct</i>	-0.96	
<i>For &gt;500, Deduct</i>	-1.37	
26 05 29 00-0353 EA 3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	4.07	
<i>For &gt;50 To 100, Deduct</i>	-0.32	
<i>For &gt;100 To 250, Deduct</i>	-0.63	
<i>For &gt;250 To 500, Deduct</i>	-1.09	
<i>For &gt;500, Deduct</i>	-1.56	
<b>26 05 29 00-0354 Hollow Wall Screw Anchors</b> <small>(26 05 29 00-0330)</small>		
26 05 29 00-0355 EA 6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.97	
<i>For &gt;50 To 100, Deduct</i>	-0.16	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.57	
<i>For &gt;500, Deduct</i>	-0.81	
26 05 29 00-0356 EA 6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.04	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For &gt;100 To 250, Deduct</i>	-0.33	
<i>For &gt;250 To 500, Deduct</i>	-0.58	
<i>For &gt;500, Deduct</i>	-0.82	
26 05 29 00-0357 EA 6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.14	
<i>For &gt;50 To 100, Deduct</i>	-0.17	
<i>For &gt;100 To 250, Deduct</i>	-0.34	
<i>For &gt;250 To 500, Deduct</i>	-0.58	
<i>For &gt;500, Deduct</i>	-0.83	
26 05 29 00-0358 EA 10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.74	
<i>For &gt;50 To 100, Deduct</i>	-0.20	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;250 To 500, Deduct</i>	-0.70	
<i>For &gt;500, Deduct</i>	-0.99	
26 05 29 00-0359 EA 10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.89	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.41	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500, Deduct</i>	-1.01	
26 05 29 00-0360 EA 10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.93	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500, Deduct</i>	-1.01	
26 05 29 00-0361 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.96	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.42	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500, Deduct</i>	-1.01	
26 05 29 00-0362 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	3.18	
<i>For &gt;50 To 100, Deduct</i>	-0.21	
<i>For &gt;100 To 250, Deduct</i>	-0.43	
<i>For &gt;250 To 500, Deduct</i>	-0.73	
<i>For &gt;500, Deduct</i>	-1.03	
26 05 29 00-0363 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	3.26	
<i>For &gt;50 To 100, Deduct</i>	-0.22	
<i>For &gt;100 To 250, Deduct</i>	-0.43	
<i>For &gt;250 To 500, Deduct</i>	-0.74	
<i>For &gt;500, Deduct</i>	-1.04	
<b>26 05 29 00-0364 Lead Screw Anchors</b> <small>(26 05 29 00-0330)</small>		
Note: Includes screw.		
26 05 29 00-0365 EA #6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw .....	4.51	
<i>For &gt;50 To 100, Deduct</i>	-0.41	
<i>For &gt;100 To 250, Deduct</i>	-0.82	
<i>For &gt;250 To 500, Deduct</i>	-1.42	
<i>For &gt;500, Deduct</i>	-2.03	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0366	EA		#10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw .....	5.39	
			<i>For &gt;50 To 100, Deduct</i>	-0.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.96	
			<i>For &gt;250 To 500, Deduct</i>	-1.66	
			<i>For &gt;500, Deduct</i>	-2.37	
26 05 29 00-0367	EA		#16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw .....	7.35	
			<i>For &gt;50 To 100, Deduct</i>	-0.62	
			<i>For &gt;100 To 250, Deduct</i>	-1.24	
			<i>For &gt;250 To 500, Deduct</i>	-2.15	
			<i>For &gt;500, Deduct</i>	-3.06	
<b>26 05 29 00-0368</b>			<b>Acoustical T-Bar Clips</b> <small>(26 05 29 00-0330)</small>		
			Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0369	EA		1/2" Conduit, Push-In Acoustical T-Bar Clip .....	7.68	
			<i>For &gt;50 To 100, Deduct</i>	-0.56	
			<i>For &gt;100 To 250, Deduct</i>	-1.12	
			<i>For &gt;250 To 500, Deduct</i>	-1.93	
			<i>For &gt;500, Deduct</i>	-2.74	
26 05 29 00-0370	EA		3/4" Conduit, Push-In Acoustical T-Bar Clip .....	8.05	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100 To 250, Deduct</i>	-1.18	
			<i>For &gt;250 To 500, Deduct</i>	-2.03	
			<i>For &gt;500, Deduct</i>	-2.88	
26 05 29 00-0371	EA		1" Conduit, Push-In Acoustical T-Bar Clip .....	8.80	
			<i>For &gt;50 To 100, Deduct</i>	-0.63	
			<i>For &gt;100 To 250, Deduct</i>	-1.26	
			<i>For &gt;250 To 500, Deduct</i>	-2.17	
			<i>For &gt;500, Deduct</i>	-3.07	
<b>26 05 29 00-0372</b>			<b>Threaded Rod, Accessories And Attachments</b> <small>(26 05 29)</small>		
<b>26 05 29 00-0373</b>			<b>Threaded Rod And Rod Accessories</b> <small>(26 05 29 00-0372)</small>		
<b>26 05 29 00-0374</b>			<b>Carbon Steel Threaded Rod</b> <small>(26 05 29 00-0373)</small>		
			Note: Includes plain finish.		
26 05 29 00-0375	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	4.46	0.73
			<i>For Galvanized, Add</i>	1.20	
			<i>For Zinc Coated, Add</i>	0.86	
26 05 29 00-0376	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	6.32	0.77
			<i>For Galvanized, Add</i>	1.91	
			<i>For Zinc Coated, Add</i>	1.36	
26 05 29 00-0377	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	9.00	0.80
			<i>For Galvanized, Add</i>	2.96	
			<i>For Zinc Coated, Add</i>	2.11	
26 05 29 00-0378	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	15.08	0.82
			<i>For Galvanized, Add</i>	5.37	
			<i>For Zinc Coated, Add</i>	3.83	
26 05 29 00-0379	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	16.47	0.85
			<i>For Galvanized, Add</i>	5.90	
			<i>For Zinc Coated, Add</i>	4.21	
26 05 29 00-0380	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	22.66	0.96
			<i>For Galvanized, Add</i>	8.29	
			<i>For Zinc Coated, Add</i>	5.91	
26 05 29 00-0381	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod .....	28.29	1.07
			<i>For Galvanized, Add</i>	10.46	
			<i>For Zinc Coated, Add</i>	7.45	
<b>26 05 29 00-0382</b>			<b>Threaded Rod Couplings</b> <small>(26 05 29 00-0373)</small>		
26 05 29 00-0383	EA		3/8" Diameter, Threaded Rod Coupling Nut .....	9.55	
26 05 29 00-0384	EA		1/2" Diameter, Threaded Rod Coupling Nut .....	10.85	
26 05 29 00-0385	EA		5/8" Diameter, Threaded Rod Coupling Nut .....	13.69	
26 05 29 00-0386	EA		3/4" Diameter, Threaded Rod Coupling Nut .....	16.83	
26 05 29 00-0387	EA		7/8" Diameter, Threaded Rod Coupling Nut .....	25.14	
26 05 29 00-0388	EA		1" Diameter, Threaded Rod Coupling Nut .....	29.84	
26 05 29 00-0389	EA		1-1/8" Diameter, Threaded Rod Coupling Nut .....	58.36	
<b>26 05 29 00-0390</b>			<b>Flat Washers</b> <small>(26 05 29 00-0373)</small>		
26 05 29 00-0391	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	0.82	0.29
			<i>For Galvanized, Add</i>	0.04	
26 05 29 00-0392	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.06	0.29
			<i>For Galvanized, Add</i>	0.09	
26 05 29 00-0393	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.42	0.29
			<i>For Galvanized, Add</i>	0.17	
26 05 29 00-0394	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.75	0.58
			<i>For Galvanized, Add</i>	0.24	
26 05 29 00-0395	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	1.98	0.58
			<i>For Galvanized, Add</i>	0.28	
26 05 29 00-0396	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	2.35	0.58
			<i>For Galvanized, Add</i>	0.35	
26 05 29 00-0397	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer .....	2.64	0.58
			<i>For Galvanized, Add</i>	0.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 29 00-0398 Malleable Iron Eye Sockets</b> (26 05 29 00-0373)		
Note: Type 16.		
26 05 29 00-0399 EA 3/8" Rod Size, Malleable Iron Eye Socket .....	13.25	
26 05 29 00-0400 EA 1/2" Rod Size, Malleable Iron Eye Socket .....	15.99	
26 05 29 00-0401 EA 5/8" Rod Size, Malleable Iron Eye Socket .....	28.82	
26 05 29 00-0402 EA 3/4" Rod Size, Malleable Iron Eye Socket .....	41.60	
26 05 29 00-0403 EA 7/8" Rod Size, Malleable Iron Eye Socket .....	44.20	
<b>26 05 29 00-0404 Hex Nuts</b> (26 05 29 00-0373)		
26 05 29 00-0405 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	0.79	0.29
For Galvanized, Add .....	0.03	
26 05 29 00-0406 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	1.01	0.29
For Galvanized, Add .....	0.07	
26 05 29 00-0407 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	1.42	0.29
For Galvanized, Add .....	0.17	
26 05 29 00-0408 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	1.69	0.58
For Galvanized, Add .....	0.22	
26 05 29 00-0409 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	2.53	0.58
For Galvanized, Add .....	0.42	
26 05 29 00-0410 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	3.23	0.58
For Galvanized, Add .....	0.57	
26 05 29 00-0411 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut .....	5.37	0.58
For Galvanized, Add .....	1.08	
<b>26 05 29 00-0412 Forged Steel Turnbuckles</b> (26 05 29 00-0373)		
Note: Type 13.		
26 05 29 00-0413 EA 3/8" Thread Diameter, Forged Steel Turnbuckle Body .....	31.81	
26 05 29 00-0414 EA 1/2" Thread Diameter, Forged Steel Turnbuckle Body .....	39.74	
26 05 29 00-0415 EA 5/8" Thread Diameter, Forged Steel Turnbuckle Body .....	54.05	
26 05 29 00-0416 EA 3/4" Thread Diameter, Forged Steel Turnbuckle Body .....	67.30	
26 05 29 00-0417 EA 7/8" Thread Diameter, Forged Steel Turnbuckle Body .....	172.17	
26 05 29 00-0418 EA 1" Thread Diameter, Forged Steel Turnbuckle Body .....	111.46	
26 05 29 00-0419 EA 1-1/4" Thread Diameter, Forged Steel Turnbuckle Body .....	229.47	
<b>26 05 29 00-0420 Attachments</b> (26 05 29 00-0372)		
<b>26 05 29 00-0421 Welded Beam Attachments</b> (26 05 29 00-0420)		
Note: Type 22.		
26 05 29 00-0422 EA 3/8" Rod Size, Welded Beam Attachment .....	57.85	11.59
26 05 29 00-0423 EA 1/2" Rod Size, Welded Beam Attachment .....	61.79	12.17
26 05 29 00-0424 EA 5/8" Rod Size, Welded Beam Attachment .....	65.84	12.87
26 05 29 00-0425 EA 3/4" Rod Size, Welded Beam Attachment .....	85.33	13.67
26 05 29 00-0426 EA 7/8" Rod Size, Welded Beam Attachment .....	103.27	14.48
26 05 29 00-0427 EA 1" Rod Size, Welded Beam Attachment .....	146.54	16.58
26 05 29 00-0428 EA 1-1/8" Rod Size, Welded Beam Attachment .....	210.38	17.39
<b>26 05 29 00-0429 C-Clamp Style Beam Clamps</b> (26 05 29 00-0420)		
Note: Type 23. Top or bottom flange mount.		
26 05 29 00-0430 EA 3/8" Rod Size, C-Clamp Style Beam Clamp .....	18.75	8.71
26 05 29 00-0431 EA 1/2" Rod Size, C-Clamp Style Beam Clamp .....	22.82	9.29
26 05 29 00-0432 EA 5/8" Rod Size, C-Clamp Style Beam Clamp .....	26.13	9.95
26 05 29 00-0433 EA 3/4" Rod Size, C-Clamp Style Beam Clamp .....	34.42	10.71
26 05 29 00-0434 EA 7/8" Rod Size, C-Clamp Style Beam Clamp .....	51.52	11.61
<b>26 05 29 00-0435 Bottom Mount I-Beam Clamps</b> (26 05 29 00-0420)		
Note: Type 21. For attaching threaded rod centered under beam flanges.		
26 05 29 00-0436 EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp .....	56.58	11.61
26 05 29 00-0437 EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp .....	84.89	12.66
26 05 29 00-0438 EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp .....	122.96	13.94
26 05 29 00-0439 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp .....	147.65	15.48
26 05 29 00-0440 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp .....	365.49	17.42
<b>26 05 29 00-0441 Steel U-Bolts</b> (26 05 29 00-0420)		
Note: Type 24. Includes plate and nuts.		
26 05 29 00-0442 EA 1/2" Pipe Size, Zinc Plated Steel, U-Bolt .....	15.34	6.97
26 05 29 00-0443 EA 3/4" Pipe Size, Zinc Plated Steel, U-Bolt .....	16.73	7.33
26 05 29 00-0444 EA 1" Pipe Size, Zinc Plated Steel, U-Bolt .....	18.07	7.74
26 05 29 00-0445 EA 1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt .....	20.77	8.19
26 05 29 00-0446 EA 1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt .....	21.36	8.71
26 05 29 00-0447 EA 2" Pipe Size, Zinc Plated Steel, U-Bolt .....	22.88	9.29
26 05 29 00-0448 EA 2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt .....	34.32	9.95
26 05 29 00-0449 EA 3" Pipe Size, Zinc Plated Steel, U-Bolt .....	37.93	10.71
26 05 29 00-0450 EA 4" Pipe Size, Zinc Plated Steel, U-Bolt .....	46.35	11.61

**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0451			<b>Stainless Steel Threaded Rod</b> <small>(26 05 29 00-0372)</small>		
26 05 29 00-0452	LF		1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	3.82	0.58
			<i>For 316 Stainless Steel, Add</i> .....	1.08	
26 05 29 00-0453	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	5.83	0.64
			<i>For 316 Stainless Steel, Add</i> .....	1.84	
26 05 29 00-0454	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	7.53	0.73
			<i>For 316 Stainless Steel, Add</i> .....	2.46	
26 05 29 00-0455	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	10.53	0.75
			<i>For 316 Stainless Steel, Add</i> .....	3.66	
26 05 29 00-0456	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	12.67	0.77
			<i>For 316 Stainless Steel, Add</i> .....	4.50	
26 05 29 00-0457	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	19.11	0.78
			<i>For 316 Stainless Steel, Add</i> .....	7.10	
26 05 29 00-0458	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	26.84	0.80
			<i>For 316 Stainless Steel, Add</i> .....	10.22	
26 05 29 00-0459	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	37.00	0.82
			<i>For 316 Stainless Steel, Add</i> .....	14.32	
26 05 29 00-0460	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	47.58	0.96
			<i>For 316 Stainless Steel, Add</i> .....	18.48	
26 05 29 00-0461	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod .....	100.96	1.16
			<i>For 316 Stainless Steel, Add</i> .....	39.91	
26 05 29 00-0462			<b>Polyvinyl Chloride (PVC) Coated Supports</b> <small>(26 05 29)</small>		
			Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.		
26 05 29 00-0463			<b>Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0462)</small>		
26 05 29 00-0464			<b>Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0463)</small>		
26 05 29 00-0465	EA		1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	64.85	23.18
26 05 29 00-0466	EA		3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	70.46	25.27
26 05 29 00-0467	EA		1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	75.01	27.81
26 05 29 00-0468	EA		1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	90.45	30.94
26 05 29 00-0469	EA		1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	104.68	34.77
26 05 29 00-0470	EA		2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	125.87	38.25
26 05 29 00-0471	EA		2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	137.67	41.73
26 05 29 00-0472	EA		3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	151.76	45.20
26 05 29 00-0473	EA		3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	160.09	48.68
26 05 29 00-0474	EA		4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	173.12	52.16
26 05 29 00-0475			<b>Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0463)</small>		
26 05 29 00-0476	EA		1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	69.92	23.18
26 05 29 00-0477	EA		3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	73.89	25.27
26 05 29 00-0478	EA		1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	85.28	27.81
26 05 29 00-0479	EA		1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	94.11	30.94
26 05 29 00-0480	EA		1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	106.10	34.77
26 05 29 00-0481	EA		2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	123.46	38.25
26 05 29 00-0482	EA		2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	142.25	41.73
26 05 29 00-0483	EA		3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	157.82	45.20
26 05 29 00-0484	EA		3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	167.71	48.68
26 05 29 00-0485	EA		4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	174.13	52.16
26 05 29 00-0486			<b>Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps</b> <small>(26 05 29 00-0463)</small>		
26 05 29 00-0487	EA		1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	65.83	22.95
26 05 29 00-0488	EA		3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	70.72	25.04
26 05 29 00-0489	EA		1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	80.17	27.81
26 05 29 00-0490	EA		1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	94.45	30.60
26 05 29 00-0491	EA		1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	124.03	34.77
26 05 29 00-0492	EA		2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp .....	135.97	38.25
26 05 29 00-0493			<b>Polyvinyl Chloride (PVC) Coated Conduit Straps</b> <small>(26 05 29 00-0462)</small>		
26 05 29 00-0494			<b>One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps</b> <small>(26 05 29 00-0493)</small>		
26 05 29 00-0495	EA		1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	8.36	0.69
26 05 29 00-0496	EA		3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	9.10	0.69
26 05 29 00-0497	EA		1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	13.43	0.69
26 05 29 00-0498	EA		1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	16.35	0.69
26 05 29 00-0499	EA		1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	21.56	0.69
26 05 29 00-0500	EA		2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	32.44	0.69
26 05 29 00-0501	EA		2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	43.24	0.69
26 05 29 00-0502	EA		3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	57.97	0.69
26 05 29 00-0503	EA		3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	102.68	0.69
26 05 29 00-0504	EA		4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	109.13	0.69
26 05 29 00-0505			<b>Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps</b> <small>(26 05 29 00-0493)</small>		
26 05 29 00-0506	EA		1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap .....	16.49	1.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0507 EA 3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	16.56	1.39
26 05 29 00-0508 EA 1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	17.00	1.39
26 05 29 00-0509 EA 1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	21.45	1.39
26 05 29 00-0510 EA 1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	22.06	1.39
26 05 29 00-0511 EA 2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	25.35	1.39
26 05 29 00-0512 EA 2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	28.53	1.39
26 05 29 00-0513 EA 3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	29.85	1.39
26 05 29 00-0514 EA 3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	31.89	1.39
26 05 29 00-0515 EA 4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap.....	34.62	1.39
<b>26 05 29 00-0516 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer</b> (26 05 29 00-0462)		
<b>26 05 29 00-0517 Polyvinyl Chloride (PVC) Coated Clamp Back Spacer</b> (26 05 29 00-0516)		
26 05 29 00-0518 EA 1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	14.93	1.39
26 05 29 00-0519 EA 3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	17.41	1.39
26 05 29 00-0520 EA 1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	21.96	1.39
26 05 29 00-0521 EA 1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	25.74	1.39
26 05 29 00-0522 EA 1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	34.55	1.39
26 05 29 00-0523 EA 2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	60.34	1.39
26 05 29 00-0524 EA 2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	85.22	1.39
26 05 29 00-0525 EA 3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	116.48	1.39
26 05 29 00-0526 EA 3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	204.08	1.39
26 05 29 00-0527 EA 4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer .....	204.08	1.39
<b>26 05 29 00-0528 Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories</b> (26 05 29 00-0462)		
<b>26 05 29 00-0529 Polyvinyl Chloride (PVC) Coated Threaded Rod</b> (26 05 29 00-0528)		
26 05 29 00-0530 LF 3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod .....	10.32	0.93
26 05 29 00-0531 LF 1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod .....	12.71	1.04
<b>26 05 29 00-0532 Attachments</b> (26 05 29 00-0462)		
<b>26 05 29 00-0533 Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts</b> (26 05 29 00-0532)		
26 05 29 00-0534 EA 1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	19.11	6.97
26 05 29 00-0535 EA 3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	19.72	7.31
26 05 29 00-0536 EA 1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	20.76	7.78
26 05 29 00-0537 EA 1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	22.10	8.24
26 05 29 00-0538 EA 1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	23.54	8.71
26 05 29 00-0539 EA 2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	26.55	9.29
26 05 29 00-0540 EA 2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	38.96	9.98
26 05 29 00-0541 EA 3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	40.81	10.68
26 05 29 00-0542 EA 4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	43.47	11.61
26 05 29 00-0543 EA 5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	71.96	13.23
26 05 29 00-0544 EA 6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts .....	89.38	15.32
<b>26 05 29 00-0545 Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps</b> (26 05 29 00-0532)		
26 05 29 00-0546 EA 1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	66.58	22.95
26 05 29 00-0547 EA 5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp .....	78.63	22.95
26 05 29 00-0548 EA 3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	83.60	22.95
26 05 29 00-0549 EA 1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	92.41	24.34
26 05 29 00-0550 EA 1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	108.33	27.81
<b>26 05 29 00-0551 Polyvinyl Chloride (PVC) Coated Pipe Straps</b> (26 05 29 00-0532)		
Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552 EA 1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	24.38	7.65
26 05 29 00-0553 EA 3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	25.57	8.35
26 05 29 00-0554 EA 1" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	27.86	9.04
26 05 29 00-0555 EA 1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	31.30	10.43
26 05 29 00-0556 EA 1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	35.85	11.82
26 05 29 00-0557 EA 2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	40.02	12.52
26 05 29 00-0558 EA 2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	44.20	13.91
26 05 29 00-0559 EA 3" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	52.88	15.30
26 05 29 00-0560 EA 3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	58.00	16.00
26 05 29 00-0561 EA 4" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	60.79	17.39
26 05 29 00-0562 EA 5" Polyvinyl Chloride (PVC) Coated Pipe Strap .....	64.75	19.47
<b>26 05 29 00-0563 Polyvinyl Chloride (PVC) Coated Channel</b> (26 05 29 00-0462)		
26 05 29 00-0564 LF A12, Polyvinyl Chloride (PVC) Coated Channel .....	26.34	3.48
26 05 29 00-0565 LF A12A, Polyvinyl Chloride (PVC) Coated Channel .....	46.95	4.87
26 05 29 00-0566 LF A12P, Polyvinyl Chloride (PVC) Coated Channel .....	28.18	3.48
26 05 29 00-0567 LF C14, Polyvinyl Chloride (PVC) Coated Channel .....	20.68	3.48
26 05 29 00-0568 LF C14P, Polyvinyl Chloride (PVC) Coated Channel .....	21.82	3.48
<b>26 05 29 00-0569 Polymer Concrete Pads</b> (26 05 29)		



**26 Electrical****26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

Note: Excludes excavation and backfill.

		26 05 29 00-0570 Polymer Concrete, Box Pads <small>(26 05 29 00-0569)</small>	
26 05 29 00-0571	EA	24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,421.12 138.51
26 05 29 00-0572	EA	25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	1,468.40 138.51
26 05 29 00-0573	EA	40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	1,902.82 138.51
26 05 29 00-0574	EA	40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	1,974.85 138.51
26 05 29 00-0575	EA	52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,835.78 138.51
26 05 29 00-0576	EA	44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	2,175.93 138.51
26 05 29 00-0577	EA	40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	2,436.76 138.51
26 05 29 00-0578	EA	52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	2,335.44 173.13
26 05 29 00-0579	EA	74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	3,554.10 173.13
26 05 29 00-0580	EA	93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	4,778.80 173.13
		<b>26 05 29 00-0581 Polymer Concrete, Telecommunications Equipment Pads <small>(26 05 29 00-0569)</small></b>	
26 05 29 00-0582	EA	42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	693.38 79.27
26 05 29 00-0583	EA	48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	822.52 79.27
26 05 29 00-0584	EA	60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,054.40 103.88
26 05 29 00-0585	EA	54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,102.39 103.88
26 05 29 00-0586	EA	57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,591.00 103.88
26 05 29 00-0587	EA	72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,658.91 103.88
26 05 29 00-0588	EA	64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,785.45 103.88
26 05 29 00-0589	EA	72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,785.45 103.88
26 05 29 00-0590	EA	76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,375.15 103.88
26 05 29 00-0591	EA	96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,828.75 103.88
		<b>26 05 29 00-0592 Polymer Concrete, Electrical Equipment Pads <small>(26 05 29 00-0569)</small></b>	
26 05 29 00-0593	EA	24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	419.85 79.27
26 05 29 00-0594	EA	24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	453.05 79.27
26 05 29 00-0595	EA	24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	483.30 79.27
26 05 29 00-0596	EA	24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	583.75 79.27
26 05 29 00-0597	EA	40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	538.92 79.27
26 05 29 00-0598	EA	42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	560.05 79.27
26 05 29 00-0599	EA	48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	614.81 79.27
26 05 29 00-0600	EA	48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	646.76 79.27
26 05 29 00-0601	EA	54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	753.45 79.27
26 05 29 00-0602	EA	56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	929.19 79.27
26 05 29 00-0603	EA	64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,355.61 103.88
26 05 29 00-0604	EA	66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,419.84 103.88
26 05 29 00-0605	EA	75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,440.11 103.88
26 05 29 00-0606	EA	90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,575.14 103.88
26 05 29 00-0607	EA	84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,381.25 103.88
26 05 29 00-0608	EA	96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,986.21 103.88

**26 05 33 Raceway and Boxes for Electrical Systems (26 05)****26 05 33 13 Conduit for Electrical Systems (26 05 33)****26 05 33 13-0001 Conduit Assemblies With Wire (26 05 33 13)**

Note: Includes conduit, field bending conduit up to and including 1", fittings and wire. Excludes hangers or supports.

**26 05 33 13-0002 Electrical Metallic Tubing (EMT) Conduit Assemblies (26 05 33 13-0001)**

Note: Includes conduit, field bends, fittings, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0546 for larger copper conductor, 26 05 33 13-0599 for larger EMT conduit.

26 05 33 13-0003	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	901.33 258.79
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	
		<i>For Work In Restricted Working Space, Add</i>	221.86
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.69
26 05 33 13-0004	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	981.71 281.03
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	
		<i>For Work In Restricted Working Space, Add</i>	240.92
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.53
26 05 33 13-0005	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	1,062.11 303.27
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	
		<i>For Work In Restricted Working Space, Add</i>	259.98
		<i>For 4 #12 THWN Conductor Instead Of THHN, Add</i>	3.37
26 05 33 13-0006	CLF	1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor.....	950.03 269.91
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	
		<i>For Work In Restricted Working Space, Add</i>	231.39
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	2.53



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0007 CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,049.47  253.62 3.79	295.86
26 05 33 13-0008 CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,148.92  275.86 5.05	321.79
26 05 33 13-0009 CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	1,059.53  250.45 4.41	292.15
26 05 33 13-0010 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,018.62  239.14 1.69	279.01
26 05 33 13-0011 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,099.00  258.20 2.53	301.25
26 05 33 13-0012 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,179.39  277.26	323.49
26 05 33 13-0013 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	1,259.77  296.32 4.21	345.73
26 05 33 13-0014 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,067.31  248.67 2.53	290.13
26 05 33 13-0015 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,166.76  270.90 3.79	316.08
26 05 33 13-0016 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,266.21  293.14 5.05	342.02
26 05 33 13-0017 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	1,365.64  315.38 6.32	367.96
26 05 33 13-0018 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,316.19  296.32 6.61	345.73
26 05 33 13-0019 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	1,455.58  324.91 8.82	379.08
26 05 33 13-0020 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor ..... Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	1,316.70  286.79 7.29	334.61

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0021	CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,506.06	375.38
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	321.73	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	10.93	
26 05 33 13-0022	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,191.33	300.30
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	257.44	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.69	
26 05 33 13-0023	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,271.72	322.54
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	276.50	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.53	
26 05 33 13-0024	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,352.11	344.78
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	295.56	
26 05 33 13-0025	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,432.50	367.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	314.62	
		<i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	4.21	
26 05 33 13-0026	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,240.03	311.42
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	266.96	
		<i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	2.53	
26 05 33 13-0027	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,339.47	337.36
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	289.20	
		<i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	3.79	
26 05 33 13-0028	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,438.92	363.30
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	311.44	
		<i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	5.05	
26 05 33 13-0029	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,538.36	389.24
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	333.67	
		<i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	6.32	
26 05 33 13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor	1,488.92	367.00
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	314.62	
		<i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	6.61	
26 05 33 13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,678.77	396.65
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	340.03	
		<i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	10.93	
26 05 33 13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor	1,868.12	437.42
		Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	374.97	
		<i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	14.57	
26 05 33 13-0033		<b>Rigid Galvanized Steel (RGS) Conduit Assemblies</b> <small>(26 05 33 13-0001)</small>		
		Note: Includes conduit, field bends, fittings, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0546 for larger copper conductor, 26 05 33 13-0060 for larger RGS conduit.		
26 05 33 13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,163.31	294.58
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	252.48	
		<i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1.69	
26 05 33 13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor	1,243.69	316.82
		Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available.		
		<i>For Work In Restricted Working Space, Add</i>	271.54	
		<i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	2.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0036 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,212.00  262.01 2.53	305.70
26 05 33 13-0037 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,311.46  284.25 3.79	331.64
26 05 33 13-0038 CLF 1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	1,321.52  281.07 4.41	327.93
26 05 33 13-0039 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,282.54  269.25 1.69	314.17
26 05 33 13-0040 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,362.94  288.31 2.53	336.40
26 05 33 13-0041 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,443.32  307.37	358.64
26 05 33 13-0042 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,331.26  278.78 2.53	325.28
26 05 33 13-0043 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,430.69  301.02 3.79	351.23
26 05 33 13-0044 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,530.13  323.25 5.05	377.17
26 05 33 13-0045 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,580.13  326.43 6.61	380.88
26 05 33 13-0046 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	1,719.50  355.02 8.82	414.23
26 05 33 13-0047 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	1,580.64  316.90 7.29	369.76
26 05 33 13-0048 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	1,769.98  351.84 10.93	410.53
26 05 33 13-0049 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,656.60  321.57 2.53	375.16
26 05 33 13-0050 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,736.99  340.63	397.40
26 05 33 13-0051 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	1,817.38  359.69 4.21	419.63
26 05 33 13-0052 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,724.36  334.28 3.79	389.99

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0053	CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,823.81 356.52 5.05	415.92
26 05 33 13-0054	CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	1,923.24 378.75 6.32	441.87
26 05 33 13-0055	CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,873.79 359.69 6.61	419.63
26 05 33 13-0056	CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	2,063.65 385.10 10.93	449.28
26 05 33 13-0057	CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor ..... Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	2,253.00 420.05 14.57	490.05
26 05 33 13-0058	<b>Conduit</b> <small>(26 05 33 13)</small> Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0059	<b>Conduit Installed Above Grade</b> <small>(26 05 33 13-0058)</small> See CSI section 26 05 29 00-0000 for supporting strap, hanger and fastening.		
26 05 33 13-0060	<b>Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit</b> <small>(26 05 33 13-0059)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0061	<b>Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling</b> <small>(26 05 33 13-0060)</small> Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".		
26 05 33 13-0062	LF 1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling ..... <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	8.42 -0.13 -0.49 -0.70 0.58 1.46 0.87 1.75 0.58 1.17 1.46 2.04 2.33 2.92 3.21	2.33
26 05 33 13-0063	LF 3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling ..... <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	9.98 -0.16 -0.58 -0.83 0.68 1.70 1.02 2.03 0.68 1.36 1.70 2.37 2.71 3.39 3.73	2.54
26 05 33 13-0064	LF 1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling ..... <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	14.05 -0.25 -0.83 -1.18 0.91 2.28 1.37 2.73 0.91 1.82 2.28 3.19 3.64 4.55 5.01	2.97





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0065 LF 1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	16.24	3.39
For >250 To 500, Deduct	-0.33	
For >500 To 1,000, Deduct	-0.98	
For >1,000, Deduct	-1.38	
For Installation In Metal Stud Wall, Add	0.96	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.41	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.45	
For Work In Restricted Working Space, Add	2.89	
For Elevated Installation >10' To 15', Add	0.96	
For Elevated Installation >15' To 20', Add	1.93	
For Elevated Installation >20' To 25', Add	2.41	
For Elevated Installation >25' To 30', Add	3.37	
For Elevated Installation >30' To 35', Add	3.86	
For Elevated Installation >35' To 40', Add	4.82	
For Elevated Installation >40', Add	5.30	
26 05 33 13-0066 LF 1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	18.68	3.81
For >250 To 500, Deduct	-0.40	
For >500 To 1,000, Deduct	-1.14	
For >1,000, Deduct	-1.60	
For Installation In Metal Stud Wall, Add	1.06	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.65	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.59	
For Work In Restricted Working Space, Add	3.18	
For Elevated Installation >10' To 15', Add	1.06	
For Elevated Installation >15' To 20', Add	2.12	
For Elevated Installation >20' To 25', Add	2.65	
For Elevated Installation >25' To 30', Add	3.71	
For Elevated Installation >30' To 35', Add	4.24	
For Elevated Installation >35' To 40', Add	5.30	
For Elevated Installation >40', Add	5.82	
26 05 33 13-0067 LF 2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	23.84	4.66
For >250 To 500, Deduct	-0.54	
For >500 To 1,000, Deduct	-1.46	
For >1,000, Deduct	-2.06	
For Installation In Metal Stud Wall, Add	1.30	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.26	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.95	
For Work In Restricted Working Space, Add	3.91	
For Elevated Installation >10' To 15', Add	1.30	
For Elevated Installation >15' To 20', Add	2.60	
For Elevated Installation >20' To 25', Add	3.26	
For Elevated Installation >25' To 30', Add	4.56	
For Elevated Installation >30' To 35', Add	5.21	
For Elevated Installation >35' To 40', Add	6.51	
For Elevated Installation >40', Add	7.16	
26 05 33 13-0068 LF 2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	35.62	6.36
For >250 To 500, Deduct	-0.90	
For >500 To 1,000, Deduct	-2.23	
For >1,000, Deduct	-3.12	
For Installation In Metal Stud Wall, Add	1.77	
For Installation In Wood Stud Wall (Includes Drilling), Add	4.42	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.65	
For Work In Restricted Working Space, Add	5.31	
For Elevated Installation >10' To 15', Add	1.77	
For Elevated Installation >15' To 20', Add	3.54	
For Elevated Installation >20' To 25', Add	4.42	
For Elevated Installation >25' To 30', Add	6.19	
For Elevated Installation >30' To 35', Add	7.08	
For Elevated Installation >35' To 40', Add	8.85	
For Elevated Installation >40', Add	9.73	
26 05 33 13-0069 LF 3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	46.63	8.47
For >250 To 500, Deduct	-1.14	
For >500 To 1,000, Deduct	-2.90	
For >1,000, Deduct	-4.07	
For Installation In Metal Stud Wall, Add	2.38	
For Installation In Wood Stud Wall (Includes Drilling), Add	5.96	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.57	
For Work In Restricted Working Space, Add	7.15	
For Elevated Installation >10' To 15', Add	2.38	
For Elevated Installation >15' To 20', Add	4.76	
For Elevated Installation >20' To 25', Add	5.96	
For Elevated Installation >25' To 30', Add	8.34	
For Elevated Installation >30' To 35', Add	9.53	
For Elevated Installation >35' To 40', Add	11.91	
For Elevated Installation >40', Add	13.10	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0070	LF		3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	56.11	10.59
			<i>For &gt;250 To 500, Deduct</i>	-1.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-3.50	
			<i>For &gt;1,000, Deduct</i>	-4.90	
			<i>For Installation In Metal Stud Wall, Add</i>	2.83	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	7.07	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.24	
			<i>For Work In Restricted Working Space, Add</i>	8.48	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.83	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.07	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.90	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.31	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	14.14	
			<i>For Elevated Installation &gt;40', Add</i>	15.55	
26 05 33 13-0071	LF		4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	66.62	12.70
			<i>For &gt;250 To 500, Deduct</i>	-1.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.18	
			<i>For &gt;1,000, Deduct</i>	-5.85	
			<i>For Installation In Metal Stud Wall, Add</i>	3.26	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	8.16	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.89	
			<i>For Work In Restricted Working Space, Add</i>	9.79	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.26	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.52	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.31	
			<i>For Elevated Installation &gt;40', Add</i>	17.94	
26 05 33 13-0072	LF		5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	105.88	16.09
			<i>For &gt;250 To 500, Deduct</i>	-3.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-6.94	
			<i>For &gt;1,000, Deduct</i>	-9.58	
			<i>For Installation In Metal Stud Wall, Add</i>	4.02	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	10.06	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	6.04	
			<i>For Work In Restricted Working Space, Add</i>	12.07	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.02	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.05	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.06	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.08	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.10	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	20.12	
			<i>For Elevated Installation &gt;40', Add</i>	22.13	
26 05 33 13-0073	LF		6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling .....	143.08	20.33
			<i>For &gt;250 To 500, Deduct</i>	-4.61	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.46	
			<i>For &gt;1,000, Deduct</i>	-13.04	
			<i>For Installation In Metal Stud Wall, Add</i>	5.08	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	12.71	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	7.62	
			<i>For Work In Restricted Working Space, Add</i>	15.25	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
			<i>For Elevated Installation &gt;40', Add</i>	27.96	
26 05 33 13-0074			<b>Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
			See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0075	EA		1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	31.79	10.49
			<i>For Work In Restricted Working Space, Add</i>	7.89	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.63	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.26	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.52	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.15	
			<i>For Elevated Installation &gt;40', Add</i>	14.46	
26 05 33 13-0076	EA		3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	39.94	13.02
			<i>For Work In Restricted Working Space, Add</i>	9.81	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.54	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.17	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.44	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.35	
			<i>For Elevated Installation &gt;40', Add</i>	17.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0077 EA 1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	51.03	15.99
For Work In Restricted Working Space, Add	11.96	
For Elevated Installation >10' To 15', Add	3.99	
For Elevated Installation >15' To 20', Add	7.97	
For Elevated Installation >20' To 25', Add	9.97	
For Elevated Installation >25' To 30', Add	13.95	
For Elevated Installation >30' To 35', Add	15.95	
For Elevated Installation >35' To 40', Add	19.94	
For Elevated Installation >40', Add	21.93	
26 05 33 13-0078 EA 1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	65.37	18.53
For Work In Restricted Working Space, Add	13.88	
For Elevated Installation >10' To 15', Add	4.63	
For Elevated Installation >15' To 20', Add	9.26	
For Elevated Installation >20' To 25', Add	11.57	
For Elevated Installation >25' To 30', Add	16.20	
For Elevated Installation >30' To 35', Add	18.51	
For Elevated Installation >35' To 40', Add	23.14	
For Elevated Installation >40', Add	25.45	
26 05 33 13-0079 EA 1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	75.89	21.29
For Work In Restricted Working Space, Add	15.94	
For Elevated Installation >10' To 15', Add	5.31	
For Elevated Installation >15' To 20', Add	10.63	
For Elevated Installation >20' To 25', Add	13.28	
For Elevated Installation >25' To 30', Add	18.60	
For Elevated Installation >30' To 35', Add	21.25	
For Elevated Installation >35' To 40', Add	26.57	
For Elevated Installation >40', Add	29.22	
26 05 33 13-0080 EA 2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	89.73	23.40
For Work In Restricted Working Space, Add	17.53	
For Elevated Installation >10' To 15', Add	5.84	
For Elevated Installation >15' To 20', Add	11.69	
For Elevated Installation >20' To 25', Add	14.61	
For Elevated Installation >25' To 30', Add	20.45	
For Elevated Installation >30' To 35', Add	23.38	
For Elevated Installation >35' To 40', Add	29.22	
For Elevated Installation >40', Add	32.14	
26 05 33 13-0081 EA 2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	128.81	29.23
For Work In Restricted Working Space, Add	21.92	
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.26	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.22	
For Elevated Installation >35' To 40', Add	36.53	
For Elevated Installation >40', Add	40.18	
26 05 33 13-0082 EA 3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	182.54	39.82
For Work In Restricted Working Space, Add	29.86	
For Elevated Installation >10' To 15', Add	9.95	
For Elevated Installation >15' To 20', Add	19.90	
For Elevated Installation >20' To 25', Add	24.88	
For Elevated Installation >25' To 30', Add	34.83	
For Elevated Installation >30' To 35', Add	39.81	
For Elevated Installation >35' To 40', Add	49.76	
For Elevated Installation >40', Add	54.74	
26 05 33 13-0083 EA 3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	242.05	44.90
For Work In Restricted Working Space, Add	33.68	
For Elevated Installation >10' To 15', Add	11.23	
For Elevated Installation >15' To 20', Add	22.45	
For Elevated Installation >20' To 25', Add	28.07	
For Elevated Installation >25' To 30', Add	39.29	
For Elevated Installation >30' To 35', Add	44.90	
For Elevated Installation >35' To 40', Add	56.13	
For Elevated Installation >40', Add	61.74	
26 05 33 13-0084 EA 4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	295.67	58.46
For Work In Restricted Working Space, Add	43.83	
For Elevated Installation >10' To 15', Add	14.61	
For Elevated Installation >15' To 20', Add	29.22	
For Elevated Installation >20' To 25', Add	36.53	
For Elevated Installation >25' To 30', Add	51.14	
For Elevated Installation >30' To 35', Add	58.44	
For Elevated Installation >35' To 40', Add	73.05	
For Elevated Installation >40', Add	80.36	
26 05 33 13-0085 EA 5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow .....	483.68	95.30
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.57	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0086	EA 6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	727.15 107.36 35.79 71.57 89.47 125.25 143.15 178.94 196.83	143.16
26 05 33 13-0087	<b>Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow</b> <small>(26 05 33 13-0060)</small> See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0088	EA 1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	31.79 7.89 2.63 5.26 6.57 9.20 10.52 13.15 14.46	10.49
26 05 33 13-0089	EA 3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	39.94 9.81 3.27 6.54 8.17 11.44 13.08 16.35 17.98	13.02
26 05 33 13-0090	EA 1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	51.03 11.96 3.99 7.97 9.97 13.95 15.95 19.94 21.93	15.99
26 05 33 13-0091	EA 1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	65.37 13.88 4.63 9.26 11.57 16.20 18.51 23.14 25.45	18.53
26 05 33 13-0092	EA 1-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	75.89 15.94 5.31 10.63 13.28 18.60 21.25 26.57 29.22	21.29
26 05 33 13-0093	EA 2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	89.73 17.53 5.84 11.69 14.61 20.45 23.38 29.22 32.14	23.40
26 05 33 13-0094	EA 2-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	126.55 21.92 7.31 14.61 18.26 25.57 29.22 36.53 40.18	29.23
26 05 33 13-0095	EA 3" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	173.72 29.86 9.95 19.90 24.88 34.83 39.81 49.76 54.74	39.82



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0096 EA 3-1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	229.65	44.90
For Work In Restricted Working Space, Add	33.68	
For Elevated Installation >10' To 15', Add	11.23	
For Elevated Installation >15' To 20', Add	22.45	
For Elevated Installation >20' To 25', Add	28.07	
For Elevated Installation >25' To 30', Add	39.29	
For Elevated Installation >30' To 35', Add	44.90	
For Elevated Installation >35' To 40', Add	56.13	
For Elevated Installation >40', Add	61.74	
26 05 33 13-0097 EA 4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	279.18	58.46
For Work In Restricted Working Space, Add	43.83	
For Elevated Installation >10' To 15', Add	14.61	
For Elevated Installation >15' To 20', Add	29.22	
For Elevated Installation >20' To 25', Add	36.53	
For Elevated Installation >25' To 30', Add	51.14	
For Elevated Installation >30' To 35', Add	58.44	
For Elevated Installation >35' To 40', Add	73.05	
For Elevated Installation >40', Add	80.36	
26 05 33 13-0098 EA 5" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	483.68	95.30
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.57	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	
26 05 33 13-0099 EA 6" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow .....	727.15	143.16
For Work In Restricted Working Space, Add	107.36	
For Elevated Installation >10' To 15', Add	35.79	
For Elevated Installation >15' To 20', Add	71.57	
For Elevated Installation >20' To 25', Add	89.47	
For Elevated Installation >25' To 30', Add	125.25	
For Elevated Installation >30' To 35', Add	143.15	
For Elevated Installation >35' To 40', Add	178.94	
For Elevated Installation >40', Add	196.83	
<b>26 05 33 13-0100 Rigid Galvanized Steel (RGS) 12" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0101 EA 1" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow .....	78.89	26.15
For Work In Restricted Working Space, Add	15.69	
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
26 05 33 13-0102 EA 1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	90.91	30.28
For Work In Restricted Working Space, Add	18.17	
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
26 05 33 13-0103 EA 1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	105.16	34.41
For Work In Restricted Working Space, Add	20.65	
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
26 05 33 13-0104 EA 2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	118.53	37.85
For Work In Restricted Working Space, Add	22.71	
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	

26 05 33 13-0105 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow (26 05 33 13-0060)  
See CSI section 26 05 33 13-2314 for conduit field bending.



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0106	EA	1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	85.78	26.15
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
26 05 33	13-0107	EA	1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	99.77	30.28
			<i>For Work In Restricted Working Space, Add</i>	18.17	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
26 05 33	13-0108	EA	1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	109.20	34.41
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33	13-0109	EA	2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	123.04	37.85
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
26 05 33	13-0110	EA	2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	163.67	47.49
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
26 05 33	13-0111	EA	3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	220.24	64.70
			<i>For Work In Restricted Working Space, Add</i>	38.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
26 05 33	13-0112		<b>Rigid Galvanized Steel (RGS) 18" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
			See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33	13-0113	EA	1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	86.11	26.15
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
26 05 33	13-0114	EA	1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	98.89	30.28
			<i>For Work In Restricted Working Space, Add</i>	18.17	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
26 05 33	13-0115	EA	1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	113.56	34.41
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0116 EA 2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	132.80	37.85
For Work In Restricted Working Space, Add	22.71	
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
26 05 33 13-0117 EA 2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	172.77	47.49
For Work In Restricted Working Space, Add	28.49	
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
26 05 33 13-0118 EA 3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	227.57	64.70
For Work In Restricted Working Space, Add	38.82	
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
26 05 33 13-0119 EA 3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	284.70	72.95
For Work In Restricted Working Space, Add	43.78	
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
26 05 33 13-0120 EA 4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow.....	345.03	94.98
For Work In Restricted Working Space, Add	56.99	
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.49	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.48	
<b>26 05 33 13-0121 Rigid Galvanized Steel (RGS) 24" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0122 EA 1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	97.10	26.15
For Work In Restricted Working Space, Add	15.69	
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
26 05 33 13-0123 EA 1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	109.68	30.28
For Work In Restricted Working Space, Add	18.17	
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
26 05 33 13-0124 EA 1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	121.64	34.41
For Work In Restricted Working Space, Add	20.65	
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
26 05 33 13-0125 EA 2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	144.71	37.85
For Work In Restricted Working Space, Add	22.71	
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0126	EA	2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	189.01	47.49
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
26 05 33	13-0127	EA	3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	253.03	64.70
			<i>For Work In Restricted Working Space, Add</i>	38.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
26 05 33	13-0128	EA	3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	309.45	72.95
			<i>For Work In Restricted Working Space, Add</i>	43.78	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
26 05 33	13-0129	EA	4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	364.76	94.98
			<i>For Work In Restricted Working Space, Add</i>	56.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
26 05 33	13-0130		<b>Rigid Galvanized Steel (RGS) 30" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
			See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33	13-0131	EA	1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	96.43	26.15
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
26 05 33	13-0132	EA	1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	117.69	30.28
			<i>For Work In Restricted Working Space, Add</i>	18.17	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
26 05 33	13-0133	EA	1-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	130.32	34.41
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33	13-0134	EA	2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	156.05	37.85
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
26 05 33	13-0135	EA	2-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	204.58	47.49
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0136 EA 3" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	273.13	64.70
For Work In Restricted Working Space, Add	38.82	
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
26 05 33 13-0137 EA 3-1/2" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	333.91	72.95
For Work In Restricted Working Space, Add	43.78	
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
26 05 33 13-0138 EA 4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	400.97	94.98
For Work In Restricted Working Space, Add	56.99	
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.49	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.48	
26 05 33 13-0139 EA 5" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	580.75	154.86
For Work In Restricted Working Space, Add	92.92	
For Elevated Installation >10' To 15', Add	30.97	
For Elevated Installation >15' To 20', Add	61.94	
For Elevated Installation >20' To 25', Add	77.43	
For Elevated Installation >25' To 30', Add	108.40	
For Elevated Installation >30' To 35', Add	123.89	
For Elevated Installation >35' To 40', Add	154.86	
For Elevated Installation >40', Add	170.35	
<b>26 05 33 13-0140 Rigid Galvanized Steel (RGS) 36" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0141 EA 1" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	102.30	26.15
For Work In Restricted Working Space, Add	15.69	
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
26 05 33 13-0142 EA 1-1/4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	121.64	30.28
For Work In Restricted Working Space, Add	18.17	
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
26 05 33 13-0143 EA 1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	145.53	34.41
For Work In Restricted Working Space, Add	20.65	
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
26 05 33 13-0144 EA 2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	164.91	37.85
For Work In Restricted Working Space, Add	22.71	
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
26 05 33 13-0145 EA 2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	223.06	47.49
For Work In Restricted Working Space, Add	28.49	
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0146	EA	3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	290.32	64.70
			<i>For Work In Restricted Working Space, Add</i>	38.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
26 05 33	13-0147	EA	3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	365.51	72.95
			<i>For Work In Restricted Working Space, Add</i>	43.78	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
26 05 33	13-0148	EA	4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	418.01	94.98
			<i>For Work In Restricted Working Space, Add</i>	56.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
26 05 33	13-0149	EA	5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	719.74	154.86
			<i>For Work In Restricted Working Space, Add</i>	92.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
26 05 33	13-0150	EA	6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	915.74	232.64
			<i>For Work In Restricted Working Space, Add</i>	139.58	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
			<i>For Elevated Installation &gt;40', Add</i>	255.90	
26 05 33	13-0151		<b>Rigid Galvanized Steel (RGS) 42" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
			See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33	13-0152	EA	1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	110.90	26.15
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
26 05 33	13-0153	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	132.14	30.28
			<i>For Work In Restricted Working Space, Add</i>	18.17	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
26 05 33	13-0154	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	156.70	34.41
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.42	
			<i>For Elevated Installation &gt;40', Add</i>	37.86	
26 05 33	13-0155	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	176.58	37.85
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0156 EA 2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	237.18	47.49
For Work In Restricted Working Space, Add	28.49	
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
26 05 33 13-0157 EA 3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	315.51	64.70
For Work In Restricted Working Space, Add	38.82	
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
26 05 33 13-0158 EA 3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	390.77	72.95
For Work In Restricted Working Space, Add	43.78	
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
26 05 33 13-0159 EA 4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	490.69	94.98
For Work In Restricted Working Space, Add	56.99	
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.49	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.48	
26 05 33 13-0160 EA 5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	820.01	154.86
For Work In Restricted Working Space, Add	92.92	
For Elevated Installation >10' To 15', Add	30.97	
For Elevated Installation >15' To 20', Add	61.94	
For Elevated Installation >20' To 25', Add	77.43	
For Elevated Installation >25' To 30', Add	108.40	
For Elevated Installation >30' To 35', Add	123.89	
For Elevated Installation >35' To 40', Add	154.86	
For Elevated Installation >40', Add	170.35	
26 05 33 13-0161 EA 6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,002.56	232.64
For Work In Restricted Working Space, Add	139.58	
For Elevated Installation >10' To 15', Add	46.53	
For Elevated Installation >15' To 20', Add	93.06	
For Elevated Installation >20' To 25', Add	116.32	
For Elevated Installation >25' To 30', Add	162.85	
For Elevated Installation >30' To 35', Add	186.11	
For Elevated Installation >35' To 40', Add	232.64	
For Elevated Installation >40', Add	255.90	
<b>26 05 33 13-0162 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow</b> <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0163 EA 1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	118.06	26.15
For Work In Restricted Working Space, Add	15.69	
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
26 05 33 13-0164 EA 1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	140.23	30.28
For Work In Restricted Working Space, Add	18.17	
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
26 05 33 13-0165 EA 1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	163.76	34.41
For Work In Restricted Working Space, Add	20.65	
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.77	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.42	
For Elevated Installation >40', Add	37.86	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0166	EA	2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	198.39	37.85
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
26 05 33	13-0167	EA	2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	263.24	47.49
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
26 05 33	13-0168	EA	3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	340.89	64.70
			<i>For Work In Restricted Working Space, Add</i>	38.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
26 05 33	13-0169	EA	3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	422.53	72.95
			<i>For Work In Restricted Working Space, Add</i>	43.78	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
26 05 33	13-0170	EA	4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	529.27	94.98
			<i>For Work In Restricted Working Space, Add</i>	56.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
26 05 33	13-0171	EA	5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	851.41	154.86
			<i>For Work In Restricted Working Space, Add</i>	92.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
26 05 33	13-0172	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	1,020.13	232.64
			<i>For Work In Restricted Working Space, Add</i>	139.58	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
			<i>For Elevated Installation &gt;40', Add</i>	255.90	
26 05 33	13-0173		<b>Rigid Galvanized Steel (RGS) Plastic Insulating Bushing</b> (26 05 33 13-0060)		
26 05 33	13-0174	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	13.89	6.75
			<i>For Work In Restricted Working Space, Add</i>	4.05	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.70	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.73	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.75	
			<i>For Elevated Installation &gt;40', Add</i>	7.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.05	
26 05 33	13-0175	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	14.91	7.20
			<i>For Work In Restricted Working Space, Add</i>	4.32	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.20	
			<i>For Elevated Installation &gt;40', Add</i>	7.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0176 EA 1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	16.98	8.10
For Work In Restricted Working Space, Add	4.86	
For Elevated Installation >10' To 15', Add	1.62	
For Elevated Installation >15' To 20', Add	3.24	
For Elevated Installation >20' To 25', Add	4.05	
For Elevated Installation >25' To 30', Add	5.67	
For Elevated Installation >30' To 35', Add	6.48	
For Elevated Installation >35' To 40', Add	8.10	
For Elevated Installation >40', Add	8.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.86	
26 05 33 13-0177 EA 1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	19.12	9.00
For Work In Restricted Working Space, Add	5.40	
For Elevated Installation >10' To 15', Add	1.80	
For Elevated Installation >15' To 20', Add	3.60	
For Elevated Installation >20' To 25', Add	4.50	
For Elevated Installation >25' To 30', Add	6.30	
For Elevated Installation >30' To 35', Add	7.20	
For Elevated Installation >35' To 40', Add	9.00	
For Elevated Installation >40', Add	9.90	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.40	
26 05 33 13-0178 EA 1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	24.04	11.25
For Work In Restricted Working Space, Add	6.75	
For Elevated Installation >10' To 15', Add	2.25	
For Elevated Installation >15' To 20', Add	4.50	
For Elevated Installation >20' To 25', Add	5.63	
For Elevated Installation >25' To 30', Add	7.88	
For Elevated Installation >30' To 35', Add	9.00	
For Elevated Installation >35' To 40', Add	11.25	
For Elevated Installation >40', Add	12.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.75	
26 05 33 13-0179 EA 2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	29.85	13.50
For Work In Restricted Working Space, Add	8.10	
For Elevated Installation >10' To 15', Add	2.70	
For Elevated Installation >15' To 20', Add	5.40	
For Elevated Installation >20' To 25', Add	6.75	
For Elevated Installation >25' To 30', Add	9.45	
For Elevated Installation >30' To 35', Add	10.80	
For Elevated Installation >35' To 40', Add	13.50	
For Elevated Installation >40', Add	14.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.10	
26 05 33 13-0180 EA 2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	37.80	15.75
For Work In Restricted Working Space, Add	9.45	
For Elevated Installation >10' To 15', Add	3.15	
For Elevated Installation >15' To 20', Add	6.30	
For Elevated Installation >20' To 25', Add	7.88	
For Elevated Installation >25' To 30', Add	11.03	
For Elevated Installation >30' To 35', Add	12.60	
For Elevated Installation >35' To 40', Add	15.75	
For Elevated Installation >40', Add	17.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.45	
26 05 33 13-0181 EA 3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	42.65	18.00
For Work In Restricted Working Space, Add	10.80	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.01	
For Elevated Installation >40', Add	19.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.80	
26 05 33 13-0182 EA 3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	49.72	16.94
For Work In Restricted Working Space, Add	12.15	
For Elevated Installation >10' To 15', Add	4.05	
For Elevated Installation >15' To 20', Add	8.10	
For Elevated Installation >20' To 25', Add	10.13	
For Elevated Installation >25' To 30', Add	14.18	
For Elevated Installation >30' To 35', Add	16.20	
For Elevated Installation >35' To 40', Add	20.25	
For Elevated Installation >40', Add	22.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.15	
26 05 33 13-0183 EA 4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	55.16	22.50
For Work In Restricted Working Space, Add	13.50	
For Elevated Installation >10' To 15', Add	4.50	
For Elevated Installation >15' To 20', Add	9.00	
For Elevated Installation >20' To 25', Add	11.25	
For Elevated Installation >25' To 30', Add	15.75	
For Elevated Installation >30' To 35', Add	18.00	
For Elevated Installation >35' To 40', Add	22.50	
For Elevated Installation >40', Add	24.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.50	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0184	EA	5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	66.82	24.76
			<i>For Work In Restricted Working Space, Add</i>	14.85	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.90	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.33	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.80	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.75	
			<i>For Elevated Installation &gt;40', Add</i>	27.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.85	
26 05 33	13-0185	EA	6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing .....	97.87	27.00
			<i>For Work In Restricted Working Space, Add</i>	16.20	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.40	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.80	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.90	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.60	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	27.00	
			<i>For Elevated Installation &gt;40', Add</i>	29.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.20	
<b>26 05 33</b>	<b>13-0186</b>		<b>Rigid Galvanized Steel (RGS) Steel Bushing (26 05 33 13-0060)</b>		
26 05 33	13-0187	EA	1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	16.84	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0188	EA	3/4" Rigid Galvanized Steel (RGS) Steel Bushing .....	18.35	8.47
			<i>For Work In Restricted Working Space, Add</i>	5.08	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.69	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.39	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.78	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.47	
			<i>For Elevated Installation &gt;40', Add</i>	9.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08	
26 05 33	13-0189	EA	1" Rigid Galvanized Steel (RGS) Steel Bushing .....	21.50	9.53
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	
26 05 33	13-0190	EA	1-1/4" Rigid Galvanized Steel (RGS) Steel Bushing .....	24.20	10.59
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35	
26 05 33	13-0191	EA	1-1/2" Rigid Galvanized Steel (RGS) Steel Bushing .....	30.93	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0192	EA	2" Rigid Galvanized Steel (RGS) Steel Bushing .....	36.56	15.88
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0193 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Bushing.....	52.14	18.53
For Work In Restricted Working Space, Add	11.12	
For Elevated Installation >10' To 15', Add	3.71	
For Elevated Installation >15' To 20', Add	7.41	
For Elevated Installation >20' To 25', Add	9.27	
For Elevated Installation >25' To 30', Add	12.97	
For Elevated Installation >30' To 35', Add	14.82	
For Elevated Installation >35' To 40', Add	18.53	
For Elevated Installation >40', Add	20.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.12	
26 05 33 13-0194 EA 3" Rigid Galvanized Steel (RGS) Steel Bushing.....	62.14	21.18
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.82	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.71	
26 05 33 13-0195 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Bushing.....	93.86	23.82
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.30	
26 05 33 13-0196 EA 4" Rigid Galvanized Steel (RGS) Steel Bushing.....	127.89	26.47
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
26 05 33 13-0197 EA 5" Rigid Galvanized Steel (RGS) Steel Bushing.....	171.91	29.12
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.29	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.47	
26 05 33 13-0198 EA 6" Rigid Galvanized Steel (RGS) Steel Bushing.....	255.39	31.76
For Work In Restricted Working Space, Add	19.06	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.41	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.06	
<b>26 05 33 13-0199 Rigid Galvanized Steel (RGS) Steel Insulated Bushing</b> (26 05 33 13-0060)		
26 05 33 13-0200 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	17.98	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0201 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	20.06	8.47
For Work In Restricted Working Space, Add	5.08	
For Elevated Installation >10' To 15', Add	1.69	
For Elevated Installation >15' To 20', Add	3.39	
For Elevated Installation >20' To 25', Add	4.24	
For Elevated Installation >25' To 30', Add	5.93	
For Elevated Installation >30' To 35', Add	6.78	
For Elevated Installation >35' To 40', Add	8.47	
For Elevated Installation >40', Add	9.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.08	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0202	EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	23.66	9.53
	<i>For Work In Restricted Working Space, Add</i>	5.72	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
	<i>For Elevated Installation &gt;40', Add</i>	10.48	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	
26 05 33 13-0203	EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing .....	27.84	10.59
	<i>For Work In Restricted Working Space, Add</i>	6.35	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
	<i>For Elevated Installation &gt;40', Add</i>	11.65	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35	
26 05 33 13-0204	EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing .....	34.73	13.24
	<i>For Work In Restricted Working Space, Add</i>	7.94	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
	<i>For Elevated Installation &gt;40', Add</i>	14.56	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-0205	EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	43.29	15.88
	<i>For Work In Restricted Working Space, Add</i>	9.53	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
	<i>For Elevated Installation &gt;40', Add</i>	17.47	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	
26 05 33 13-0206	EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing .....	61.27	18.53
	<i>For Work In Restricted Working Space, Add</i>	11.12	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	3.71	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	7.41	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	9.27	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	12.97	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	14.82	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	18.53	
	<i>For Elevated Installation &gt;40', Add</i>	20.38	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.12	
26 05 33 13-0207	EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	72.84	21.18
	<i>For Work In Restricted Working Space, Add</i>	12.71	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
	<i>For Elevated Installation &gt;40', Add</i>	23.29	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.71	
26 05 33 13-0208	EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing .....	95.85	23.82
	<i>For Work In Restricted Working Space, Add</i>	14.30	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
	<i>For Elevated Installation &gt;40', Add</i>	26.21	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.30	
26 05 33 13-0209	EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	136.80	26.47
	<i>For Work In Restricted Working Space, Add</i>	15.88	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
	<i>For Elevated Installation &gt;40', Add</i>	29.12	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0210 EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	181.62	29.12
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.29	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.47	
26 05 33 13-0211 EA 6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	258.82	31.76
For Work In Restricted Working Space, Add	19.06	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.41	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.06	
<b>26 05 33 13-0212 Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing</b> (26 05 33 13-0060)		
26 05 33 13-0213 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	27.53	9.53
For Work In Restricted Working Space, Add	5.72	
For Elevated Installation >10' To 15', Add	1.91	
For Elevated Installation >15' To 20', Add	3.81	
For Elevated Installation >20' To 25', Add	4.77	
For Elevated Installation >25' To 30', Add	6.67	
For Elevated Installation >30' To 35', Add	7.62	
For Elevated Installation >35' To 40', Add	9.53	
For Elevated Installation >40', Add	10.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.72	
26 05 33 13-0214 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	30.85	10.59
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.35	
26 05 33 13-0215 EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	35.35	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0216 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	42.07	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0217 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	50.83	16.41
For Work In Restricted Working Space, Add	9.85	
For Elevated Installation >10' To 15', Add	3.28	
For Elevated Installation >15' To 20', Add	6.57	
For Elevated Installation >20' To 25', Add	8.21	
For Elevated Installation >25' To 30', Add	11.49	
For Elevated Installation >30' To 35', Add	13.13	
For Elevated Installation >35' To 40', Add	16.42	
For Elevated Installation >40', Add	18.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.85	
26 05 33 13-0218 EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	64.18	19.59
For Work In Restricted Working Space, Add	11.75	
For Elevated Installation >10' To 15', Add	3.92	
For Elevated Installation >15' To 20', Add	7.83	
For Elevated Installation >20' To 25', Add	9.79	
For Elevated Installation >25' To 30', Add	13.71	
For Elevated Installation >30' To 35', Add	15.67	
For Elevated Installation >35' To 40', Add	19.59	
For Elevated Installation >40', Add	21.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.75	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0219	EA	2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	86.39	22.77
			<i>For Work In Restricted Working Space, Add</i>	13.66	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.55	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	15.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.21	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	22.77	
			<i>For Elevated Installation &gt;40', Add</i>	25.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.66	
26 05 33	13-0220	EA	3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	95.09	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
26 05 33	13-0221	EA	3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	107.57	29.65
			<i>For Work In Restricted Working Space, Add</i>	17.79	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.93	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.86	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.83	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.76	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.72	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.65	
			<i>For Elevated Installation &gt;40', Add</i>	32.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.79	
26 05 33	13-0222	EA	4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	139.54	32.83
			<i>For Work In Restricted Working Space, Add</i>	19.70	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.98	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	32.83	
			<i>For Elevated Installation &gt;40', Add</i>	36.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.70	
26 05 33	13-0223	EA	5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	199.19	36.01
			<i>For Work In Restricted Working Space, Add</i>	21.60	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.20	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.40	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.00	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	28.80	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.00	
			<i>For Elevated Installation &gt;40', Add</i>	39.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.60	
26 05 33	13-0224	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	275.48	39.71
			<i>For Work In Restricted Working Space, Add</i>	23.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	19.86	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	27.80	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	31.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	39.71	
			<i>For Elevated Installation &gt;40', Add</i>	43.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.83	
26 05 33	13-0225		<b>Rigid Galvanized Steel (RGS) Box Connectors With Set Screw</b> (26 05 33 13-0060)		
26 05 33	13-0226	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw.....	16.24	4.87
			<i>For Work In Restricted Working Space, Add</i>	3.62	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.04	
			<i>For Elevated Installation &gt;40', Add</i>	6.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.62	
26 05 33	13-0227	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw.....	19.77	5.61
			<i>For Work In Restricted Working Space, Add</i>	4.20	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.40	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.80	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.90	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.60	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.00	
			<i>For Elevated Installation &gt;40', Add</i>	7.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0228 EA 1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw .....	26.08	6.78
For Work In Restricted Working Space, Add	5.06	
For Elevated Installation >10' To 15', Add	1.69	
For Elevated Installation >15' To 20', Add	3.37	
For Elevated Installation >20' To 25', Add	4.22	
For Elevated Installation >25' To 30', Add	5.90	
For Elevated Installation >30' To 35', Add	6.74	
For Elevated Installation >35' To 40', Add	8.43	
For Elevated Installation >40', Add	9.27	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.06	
26 05 33 13-0229 EA 1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	39.05	8.36
For Work In Restricted Working Space, Add	6.29	
For Elevated Installation >10' To 15', Add	2.10	
For Elevated Installation >15' To 20', Add	4.20	
For Elevated Installation >20' To 25', Add	5.25	
For Elevated Installation >25' To 30', Add	7.34	
For Elevated Installation >30' To 35', Add	8.39	
For Elevated Installation >35' To 40', Add	10.49	
For Elevated Installation >40', Add	11.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.29	
26 05 33 13-0230 EA 1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	52.91	11.22
For Work In Restricted Working Space, Add	8.42	
For Elevated Installation >10' To 15', Add	2.81	
For Elevated Installation >15' To 20', Add	5.62	
For Elevated Installation >20' To 25', Add	7.02	
For Elevated Installation >25' To 30', Add	9.83	
For Elevated Installation >30' To 35', Add	11.23	
For Elevated Installation >35' To 40', Add	14.04	
For Elevated Installation >40', Add	15.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.42	
26 05 33 13-0231 EA 2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	90.73	16.83
For Work In Restricted Working Space, Add	12.62	
For Elevated Installation >10' To 15', Add	4.21	
For Elevated Installation >15' To 20', Add	8.41	
For Elevated Installation >20' To 25', Add	10.52	
For Elevated Installation >25' To 30', Add	14.72	
For Elevated Installation >30' To 35', Add	16.82	
For Elevated Installation >35' To 40', Add	21.03	
For Elevated Installation >40', Add	23.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.62	
26 05 33 13-0232 EA 2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	167.05	18.64
For Work In Restricted Working Space, Add	13.98	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.32	
For Elevated Installation >20' To 25', Add	11.65	
For Elevated Installation >25' To 30', Add	16.31	
For Elevated Installation >30' To 35', Add	18.64	
For Elevated Installation >35' To 40', Add	23.30	
For Elevated Installation >40', Add	25.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.98	
26 05 33 13-0233 EA 3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	199.01	22.55
For Work In Restricted Working Space, Add	16.93	
For Elevated Installation >10' To 15', Add	5.64	
For Elevated Installation >15' To 20', Add	11.29	
For Elevated Installation >20' To 25', Add	14.11	
For Elevated Installation >25' To 30', Add	19.75	
For Elevated Installation >30' To 35', Add	22.57	
For Elevated Installation >35' To 40', Add	28.22	
For Elevated Installation >40', Add	31.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.93	
26 05 33 13-0234 EA 3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	269.76	28.28
For Work In Restricted Working Space, Add	21.19	
For Elevated Installation >10' To 15', Add	7.06	
For Elevated Installation >15' To 20', Add	14.13	
For Elevated Installation >20' To 25', Add	17.66	
For Elevated Installation >25' To 30', Add	24.72	
For Elevated Installation >30' To 35', Add	28.26	
For Elevated Installation >35' To 40', Add	35.32	
For Elevated Installation >40', Add	38.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.19	
26 05 33 13-0235 EA 4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw .....	315.79	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0236	EA	5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	561.21	37.70
			<i>For Work In Restricted Working Space, Add</i>	28.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.83	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	32.95	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.07	
			<i>For Elevated Installation &gt;40', Add</i>	51.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.24	
26 05 33	13-0237	EA	6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	671.27	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.05	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.34	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.93	
			<i>For Elevated Installation &gt;40', Add</i>	58.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.76	
<b>26 05 33</b>	<b>13-0238</b>		<b>Rigid Galvanized Steel (RGS) Nipples</b> <small>(26 05 33 13-0060)</small>		
26 05 33	13-0239	EA	1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.59	6.88
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
			<i>For Elevated Installation &gt;40', Add</i>	7.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-0240	EA	3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.93	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0241	EA	1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.97	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.03	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.04	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-0242	EA	1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.93	11.65
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
			<i>For Elevated Installation &gt;40', Add</i>	12.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-0243	EA	1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	30.79	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0244	EA	1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.74	6.88
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
			<i>For Elevated Installation &gt;40', Add</i>	7.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0245 EA 3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.16	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0246 EA 1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.22	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	
26 05 33 13-0247 EA 1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.28	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0248 EA 1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.34	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0249 EA 2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	35.53	14.82
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0250 EA 1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.90	6.88
For Work In Restricted Working Space, Add	4.13	
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-0251 EA 3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.37	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0252 EA 1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.58	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0253	EA	1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	27.59	11.65
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
			<i>For Elevated Installation &gt;40', Add</i>	12.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-0254	EA	1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.71	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0255	EA	2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	36.45	14.82
			<i>For Work In Restricted Working Space, Add</i>	8.90	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.93	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.86	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	14.83	
			<i>For Elevated Installation &gt;40', Add</i>	16.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-0256	EA	2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	50.05	18.00
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.60	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.20	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.00	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.00	
			<i>For Elevated Installation &gt;40', Add</i>	19.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33	13-0257	EA	3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	67.03	24.89
			<i>For Work In Restricted Working Space, Add</i>	14.93	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.98	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.95	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.90	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.88	
			<i>For Elevated Installation &gt;40', Add</i>	27.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33	13-0258	EA	1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.10	6.88
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
			<i>For Elevated Installation &gt;40', Add</i>	7.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-0259	EA	3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.47	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0260	EA	1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.04	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.03	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.04	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0261 EA 1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	28.18	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0262 EA 1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	32.49	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0263 EA 2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple.....	37.40	14.82
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0264 EA 2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	52.61	18.00
For Work In Restricted Working Space, Add	10.80	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.00	
For Elevated Installation >40', Add	19.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.80	
26 05 33 13-0265 EA 3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	69.25	24.89
For Work In Restricted Working Space, Add	14.93	
For Elevated Installation >10' To 15', Add	4.98	
For Elevated Installation >15' To 20', Add	9.95	
For Elevated Installation >20' To 25', Add	12.44	
For Elevated Installation >25' To 30', Add	17.42	
For Elevated Installation >30' To 35', Add	19.90	
For Elevated Installation >35' To 40', Add	24.88	
For Elevated Installation >40', Add	27.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-0266 EA 1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.30	6.88
For Work In Restricted Working Space, Add	4.13	
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-0267 EA 3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.83	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0268 EA 1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.33	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-0269	EA	1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		28.46	11.65
		<i>For Work In Restricted Working Space, Add</i>		6.99	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		2.33	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		4.66	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		5.82	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		8.15	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		9.32	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		11.65	
		<i>For Elevated Installation &gt;40', Add</i>		12.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		6.99	
26 05 33 13-0270	EA	1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		33.03	13.24
		<i>For Work In Restricted Working Space, Add</i>		7.94	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		2.65	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		5.29	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		6.62	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		9.26	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		10.59	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		13.24	
		<i>For Elevated Installation &gt;40', Add</i>		14.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		7.94	
26 05 33 13-0271	EA	2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		38.20	14.82
		<i>For Work In Restricted Working Space, Add</i>		8.90	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		2.97	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		5.93	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		7.41	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		10.38	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		11.86	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		14.83	
		<i>For Elevated Installation &gt;40', Add</i>		16.31	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		8.90	
26 05 33 13-0272	EA	2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		53.39	18.00
		<i>For Work In Restricted Working Space, Add</i>		10.80	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		3.60	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		7.20	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		9.00	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		12.60	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		14.40	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		18.00	
		<i>For Elevated Installation &gt;40', Add</i>		19.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		10.80	
26 05 33 13-0273	EA	3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		70.88	24.89
		<i>For Work In Restricted Working Space, Add</i>		14.93	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		4.98	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		9.95	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		12.44	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		17.42	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		19.90	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		24.88	
		<i>For Elevated Installation &gt;40', Add</i>		27.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		14.93	
26 05 33 13-0274	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		81.83	28.06
		<i>For Work In Restricted Working Space, Add</i>		16.84	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		5.61	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		11.22	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		14.03	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		19.64	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		22.45	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		28.06	
		<i>For Elevated Installation &gt;40', Add</i>		30.87	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		16.84	
26 05 33 13-0275	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....		101.92	36.53
		<i>For Work In Restricted Working Space, Add</i>		21.92	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		7.31	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		14.61	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		18.26	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		25.57	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		29.22	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		36.53	
		<i>For Elevated Installation &gt;40', Add</i>		40.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		21.92	
26 05 33 13-0276	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....		16.60	6.88
		<i>For Work In Restricted Working Space, Add</i>		4.13	
		<i>For Elevated Installation &gt;10' To 15', Add</i>		1.38	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		2.75	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		3.44	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		4.82	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		5.51	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		6.89	
		<i>For Elevated Installation &gt;40', Add</i>		7.57	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		4.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0277 EA 3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	19.27	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0278 EA 1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	24.89	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	
26 05 33 13-0279 EA 1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.28	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0280 EA 1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	33.83	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0281 EA 2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	39.63	14.82
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0282 EA 2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	56.56	18.00
For Work In Restricted Working Space, Add	10.80	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.00	
For Elevated Installation >40', Add	19.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.80	
26 05 33 13-0283 EA 3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	74.32	24.89
For Work In Restricted Working Space, Add	14.93	
For Elevated Installation >10' To 15', Add	4.98	
For Elevated Installation >15' To 20', Add	9.95	
For Elevated Installation >20' To 25', Add	12.44	
For Elevated Installation >25' To 30', Add	17.42	
For Elevated Installation >30' To 35', Add	19.90	
For Elevated Installation >35' To 40', Add	24.88	
For Elevated Installation >40', Add	27.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-0284 EA 3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	85.24	28.06
For Work In Restricted Working Space, Add	16.84	
For Elevated Installation >10' To 15', Add	5.61	
For Elevated Installation >15' To 20', Add	11.22	
For Elevated Installation >20' To 25', Add	14.03	
For Elevated Installation >25' To 30', Add	19.64	
For Elevated Installation >30' To 35', Add	22.45	
For Elevated Installation >35' To 40', Add	28.06	
For Elevated Installation >40', Add	30.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.84	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0285	EA	4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple .....	106.90	36.53
			<i>For Work In Restricted Working Space, Add</i>	21.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.31	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.57	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.53	
			<i>For Elevated Installation &gt;40', Add</i>	40.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-0286	EA	5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple .....	166.29	50.29
			<i>For Work In Restricted Working Space, Add</i>	30.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.15	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.21	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.30	
			<i>For Elevated Installation &gt;40', Add</i>	55.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.18	
26 05 33	13-0287	EA	6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple .....	210.93	64.48
			<i>For Work In Restricted Working Space, Add</i>	38.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.53	
			<i>For Elevated Installation &gt;40', Add</i>	70.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.72	
26 05 33	13-0288	EA	1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple .....	17.15	6.88
			<i>For Work In Restricted Working Space, Add</i>	4.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
			<i>For Elevated Installation &gt;40', Add</i>	7.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-0289	EA	3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple .....	19.83	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0290	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple .....	25.34	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.03	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.04	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-0291	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple .....	30.04	11.65
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
			<i>For Elevated Installation &gt;40', Add</i>	12.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-0292	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple .....	35.51	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0293 EA 2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	41.06	14.82
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0294 EA 2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	59.33	18.00
For Work In Restricted Working Space, Add	10.80	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.00	
For Elevated Installation >40', Add	19.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.80	
26 05 33 13-0295 EA 3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	77.80	24.89
For Work In Restricted Working Space, Add	14.93	
For Elevated Installation >10' To 15', Add	4.98	
For Elevated Installation >15' To 20', Add	9.95	
For Elevated Installation >20' To 25', Add	12.44	
For Elevated Installation >25' To 30', Add	17.42	
For Elevated Installation >30' To 35', Add	19.90	
For Elevated Installation >35' To 40', Add	24.88	
For Elevated Installation >40', Add	27.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-0296 EA 3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	89.40	28.06
For Work In Restricted Working Space, Add	16.84	
For Elevated Installation >10' To 15', Add	5.61	
For Elevated Installation >15' To 20', Add	11.22	
For Elevated Installation >20' To 25', Add	14.03	
For Elevated Installation >25' To 30', Add	19.64	
For Elevated Installation >30' To 35', Add	22.45	
For Elevated Installation >35' To 40', Add	28.06	
For Elevated Installation >40', Add	30.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.84	
26 05 33 13-0297 EA 4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	110.85	36.53
For Work In Restricted Working Space, Add	21.92	
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.26	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.22	
For Elevated Installation >35' To 40', Add	36.53	
For Elevated Installation >40', Add	40.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-0298 EA 5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	172.08	50.29
For Work In Restricted Working Space, Add	30.18	
For Elevated Installation >10' To 15', Add	10.06	
For Elevated Installation >15' To 20', Add	20.12	
For Elevated Installation >20' To 25', Add	25.15	
For Elevated Installation >25' To 30', Add	35.21	
For Elevated Installation >30' To 35', Add	40.24	
For Elevated Installation >35' To 40', Add	50.30	
For Elevated Installation >40', Add	55.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.18	
26 05 33 13-0299 EA 6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	219.41	64.48
For Work In Restricted Working Space, Add	38.72	
For Elevated Installation >10' To 15', Add	12.91	
For Elevated Installation >15' To 20', Add	25.81	
For Elevated Installation >20' To 25', Add	32.26	
For Elevated Installation >25' To 30', Add	45.17	
For Elevated Installation >30' To 35', Add	51.62	
For Elevated Installation >35' To 40', Add	64.53	
For Elevated Installation >40', Add	70.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.72	
26 05 33 13-0300 EA 1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	19.15	6.88
For Work In Restricted Working Space, Add	4.13	
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0301	EA	3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	22.39	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0302	EA	1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	28.36	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.03	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.04	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-0303	EA	1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	34.34	11.65
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
			<i>For Elevated Installation &gt;40', Add</i>	12.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-0304	EA	1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	40.30	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0305	EA	2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	46.11	14.82
			<i>For Work In Restricted Working Space, Add</i>	8.90	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.93	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.86	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	14.83	
			<i>For Elevated Installation &gt;40', Add</i>	16.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-0306	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	66.69	18.00
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.60	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.20	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.00	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.00	
			<i>For Elevated Installation &gt;40', Add</i>	19.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33	13-0307	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	86.25	24.89
			<i>For Work In Restricted Working Space, Add</i>	14.93	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.98	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.95	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.90	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.88	
			<i>For Elevated Installation &gt;40', Add</i>	27.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33	13-0308	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple .....	97.83	28.06
			<i>For Work In Restricted Working Space, Add</i>	16.84	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	19.64	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	22.45	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	28.06	
			<i>For Elevated Installation &gt;40', Add</i>	30.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.84	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0309 EA 4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	120.16	36.53
For Work In Restricted Working Space, Add	21.92	
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.26	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.22	
For Elevated Installation >35' To 40', Add	36.53	
For Elevated Installation >40', Add	40.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-0310 EA 5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	185.50	50.29
For Work In Restricted Working Space, Add	30.18	
For Elevated Installation >10' To 15', Add	10.06	
For Elevated Installation >15' To 20', Add	20.12	
For Elevated Installation >20' To 25', Add	25.15	
For Elevated Installation >25' To 30', Add	35.21	
For Elevated Installation >30' To 35', Add	40.24	
For Elevated Installation >35' To 40', Add	50.30	
For Elevated Installation >40', Add	55.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.18	
26 05 33 13-0311 EA 6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	234.48	64.48
For Work In Restricted Working Space, Add	38.72	
For Elevated Installation >10' To 15', Add	12.91	
For Elevated Installation >15' To 20', Add	25.81	
For Elevated Installation >20' To 25', Add	32.26	
For Elevated Installation >25' To 30', Add	45.17	
For Elevated Installation >30' To 35', Add	51.62	
For Elevated Installation >35' To 40', Add	64.53	
For Elevated Installation >40', Add	70.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.72	
26 05 33 13-0312 EA 1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	20.51	6.88
For Work In Restricted Working Space, Add	4.13	
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.13	
26 05 33 13-0313 EA 3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	23.70	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0314 EA 1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	30.76	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	
26 05 33 13-0315 EA 1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	37.19	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0316 EA 1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	43.11	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0317	EA 2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	49.37	14.82
	<i>For Work In Restricted Working Space, Add</i>	8.90	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.97	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	5.93	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	7.41	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	10.38	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	11.86	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	14.83	
	<i>For Elevated Installation &gt;40', Add</i>	16.31	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33 13-0318	EA 2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	71.63	18.00
	<i>For Work In Restricted Working Space, Add</i>	10.80	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	3.60	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	7.20	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	9.00	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	12.60	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	14.40	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	18.00	
	<i>For Elevated Installation &gt;40', Add</i>	19.80	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-0319	EA 3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	92.88	24.89
	<i>For Work In Restricted Working Space, Add</i>	14.93	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.98	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	9.95	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	12.44	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	17.42	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	19.90	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	24.88	
	<i>For Elevated Installation &gt;40', Add</i>	27.37	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33 13-0320	EA 3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	106.57	28.06
	<i>For Work In Restricted Working Space, Add</i>	16.84	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	5.61	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	11.22	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	14.03	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	19.64	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	22.45	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	28.06	
	<i>For Elevated Installation &gt;40', Add</i>	30.87	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.84	
26 05 33 13-0321	EA 4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	131.23	36.53
	<i>For Work In Restricted Working Space, Add</i>	21.92	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	7.31	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	14.61	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	18.26	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	25.57	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	29.22	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	36.53	
	<i>For Elevated Installation &gt;40', Add</i>	40.18	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33 13-0322	EA 5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	200.14	50.29
	<i>For Work In Restricted Working Space, Add</i>	30.18	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	10.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	20.12	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	25.15	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	35.21	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	40.24	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	50.30	
	<i>For Elevated Installation &gt;40', Add</i>	55.32	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.18	
26 05 33 13-0323	EA 6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple .....	260.81	64.48
	<i>For Work In Restricted Working Space, Add</i>	38.72	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	12.91	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	25.81	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	32.26	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	45.17	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	51.62	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	64.53	
	<i>For Elevated Installation &gt;40', Add</i>	70.98	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.72	
26 05 33 13-0324	EA 1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	21.53	6.88
	<i>For Work In Restricted Working Space, Add</i>	4.13	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
	<i>For Elevated Installation &gt;40', Add</i>	7.57	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0325 EA 3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	24.67	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0326 EA 1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	32.20	10.06
For Work In Restricted Working Space, Add	6.03	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.04	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.03	
26 05 33 13-0327 EA 1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	39.47	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.99	
26 05 33 13-0328 EA 1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	44.52	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0329 EA 2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	52.10	14.82
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0330 EA 2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	77.44	18.00
For Work In Restricted Working Space, Add	10.80	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.00	
For Elevated Installation >40', Add	19.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.80	
26 05 33 13-0331 EA 3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	102.12	24.89
For Work In Restricted Working Space, Add	14.93	
For Elevated Installation >10' To 15', Add	4.98	
For Elevated Installation >15' To 20', Add	9.95	
For Elevated Installation >20' To 25', Add	12.44	
For Elevated Installation >25' To 30', Add	17.42	
For Elevated Installation >30' To 35', Add	19.90	
For Elevated Installation >35' To 40', Add	24.88	
For Elevated Installation >40', Add	27.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.93	
26 05 33 13-0332 EA 3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple .....	115.08	28.06
For Work In Restricted Working Space, Add	16.84	
For Elevated Installation >10' To 15', Add	5.61	
For Elevated Installation >15' To 20', Add	11.22	
For Elevated Installation >20' To 25', Add	14.03	
For Elevated Installation >25' To 30', Add	19.64	
For Elevated Installation >30' To 35', Add	22.45	
For Elevated Installation >35' To 40', Add	28.06	
For Elevated Installation >40', Add	30.87	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.84	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0333	EA		4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	142.32	36.53
			<i>For Work In Restricted Working Space, Add</i>	21.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.31	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.57	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.53	
			<i>For Elevated Installation &gt;40', Add</i>	40.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33 13-0334	EA		5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	221.18	50.29
			<i>For Work In Restricted Working Space, Add</i>	30.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.15	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.21	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.30	
			<i>For Elevated Installation &gt;40', Add</i>	55.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.18	
26 05 33 13-0335	EA		6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	275.45	64.48
			<i>For Work In Restricted Working Space, Add</i>	38.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.53	
			<i>For Elevated Installation &gt;40', Add</i>	70.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.72	
<b>26 05 33 13-0336</b>			<b>Rigid Galvanized Steel (RGS) Off-Set Nipples</b> <small>(26 05 33 13-0060)</small>		
26 05 33 13-0337	EA		1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	16.09	5.50
			<i>For Work In Restricted Working Space, Add</i>	4.16	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.39	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.55	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.94	
			<i>For Elevated Installation &gt;40', Add</i>	7.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.16	
26 05 33 13-0338	EA		3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	19.19	6.36
			<i>For Work In Restricted Working Space, Add</i>	4.74	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.58	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.16	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.95	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.90	
			<i>For Elevated Installation &gt;40', Add</i>	8.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.74	
26 05 33 13-0339	EA		1" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	24.08	8.05
			<i>For Work In Restricted Working Space, Add</i>	6.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.02	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.04	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.05	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.10	
			<i>For Elevated Installation &gt;40', Add</i>	11.11	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.06	
26 05 33 13-0340	EA		1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	30.48	9.64
			<i>For Work In Restricted Working Space, Add</i>	7.26	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.42	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.84	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.05	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.47	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.68	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	12.11	
			<i>For Elevated Installation &gt;40', Add</i>	13.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.26	
26 05 33 13-0341	EA		1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	33.36	10.59
			<i>For Work In Restricted Working Space, Add</i>	7.95	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.30	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.27	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.60	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.25	
			<i>For Elevated Installation &gt;40', Add</i>	14.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0342 EA 2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	43.56	13.02
For Work In Restricted Working Space, Add	9.79	
For Elevated Installation >10' To 15', Add	3.26	
For Elevated Installation >15' To 20', Add	6.53	
For Elevated Installation >20' To 25', Add	8.16	
For Elevated Installation >25' To 30', Add	11.42	
For Elevated Installation >30' To 35', Add	13.06	
For Elevated Installation >35' To 40', Add	16.32	
For Elevated Installation >40', Add	17.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.79	
26 05 33 13-0343 EA 2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	71.13	21.18
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
26 05 33 13-0344 EA 3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	114.38	29.23
For Work In Restricted Working Space, Add	21.92	
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.22	
For Elevated Installation >35' To 40', Add	36.53	
For Elevated Installation >40', Add	40.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.92	
26 05 33 13-0345 EA 3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	141.62	34.52
For Work In Restricted Working Space, Add	25.75	
For Elevated Installation >10' To 15', Add	8.58	
For Elevated Installation >15' To 20', Add	17.16	
For Elevated Installation >20' To 25', Add	21.46	
For Elevated Installation >25' To 30', Add	30.04	
For Elevated Installation >30' To 35', Add	34.33	
For Elevated Installation >35' To 40', Add	42.91	
For Elevated Installation >40', Add	47.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.75	
26 05 33 13-0346 EA 4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated .....	169.73	39.82
For Work In Restricted Working Space, Add	29.86	
For Elevated Installation >10' To 15', Add	9.95	
For Elevated Installation >15' To 20', Add	19.91	
For Elevated Installation >20' To 25', Add	24.89	
For Elevated Installation >25' To 30', Add	34.84	
For Elevated Installation >30' To 35', Add	39.82	
For Elevated Installation >35' To 40', Add	49.77	
For Elevated Installation >40', Add	54.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.86	
<b>26 05 33 13-0347 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling</b> <small>(26 05 33 13-0060)</small>		
Note: Erickson fittings.		
26 05 33 13-0348 EA 1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	45.04	16.94
For Work In Restricted Working Space, Add	12.72	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.48	
For Elevated Installation >20' To 25', Add	10.60	
For Elevated Installation >25' To 30', Add	14.84	
For Elevated Installation >30' To 35', Add	16.96	
For Elevated Installation >35' To 40', Add	21.20	
For Elevated Installation >40', Add	23.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.72	
26 05 33 13-0349 EA 3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	50.72	18.95
For Work In Restricted Working Space, Add	14.20	
For Elevated Installation >10' To 15', Add	4.73	
For Elevated Installation >15' To 20', Add	9.47	
For Elevated Installation >20' To 25', Add	11.83	
For Elevated Installation >25' To 30', Add	16.57	
For Elevated Installation >30' To 35', Add	18.93	
For Elevated Installation >35' To 40', Add	23.67	
For Elevated Installation >40', Add	26.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.20	
26 05 33 13-0350 EA 1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	58.98	21.08
For Work In Restricted Working Space, Add	15.82	
For Elevated Installation >10' To 15', Add	5.27	
For Elevated Installation >15' To 20', Add	10.54	
For Elevated Installation >20' To 25', Add	13.18	
For Elevated Installation >25' To 30', Add	18.45	
For Elevated Installation >30' To 35', Add	21.09	
For Elevated Installation >35' To 40', Add	26.36	
For Elevated Installation >40', Add	29.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.82	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0351	EA	1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	71.03	23.08
			<i>For Work In Restricted Working Space, Add</i>	17.31	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.54	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.42	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.19	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	28.85	
			<i>For Elevated Installation &gt;40', Add</i>	31.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.31	
26 05 33	13-0352	EA	1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	79.11	25.20
			<i>For Work In Restricted Working Space, Add</i>	18.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.31	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.62	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.78	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.25	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.56	
			<i>For Elevated Installation &gt;40', Add</i>	34.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.94	
26 05 33	13-0353	EA	2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	100.37	27.32
			<i>For Work In Restricted Working Space, Add</i>	20.51	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.84	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.67	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.09	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.92	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.34	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.18	
			<i>For Elevated Installation &gt;40', Add</i>	37.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33	13-0354	EA	2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	158.89	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33	13-0355	EA	3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	218.48	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	
26 05 33	13-0356	EA	3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	314.64	50.83
			<i>For Work In Restricted Working Space, Add</i>	38.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.78	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.84	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.56	
			<i>For Elevated Installation &gt;40', Add</i>	69.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.13	
26 05 33	13-0357	EA	4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	358.18	55.07
			<i>For Work In Restricted Working Space, Add</i>	41.29	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.76	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	27.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	34.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	48.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	55.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	68.82	
			<i>For Elevated Installation &gt;40', Add</i>	75.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 05 33	13-0358	EA	5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	622.02	67.77
			<i>For Work In Restricted Working Space, Add</i>	50.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	16.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	33.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	42.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	59.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	67.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	84.70	
			<i>For Elevated Installation &gt;40', Add</i>	93.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0359 EA 6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson) .....	799.17	78.36
<i>For Work In Restricted Working Space, Add</i>	58.76	
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	39.17	
<i>For Elevated Installation &gt;20' To 25', Add</i>	48.97	
<i>For Elevated Installation &gt;25' To 30', Add</i>	68.55	
<i>For Elevated Installation &gt;30' To 35', Add</i>	78.35	
<i>For Elevated Installation &gt;35' To 40', Add</i>	97.94	
<i>For Elevated Installation &gt;40', Add</i>	107.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.76	
<b>26 05 33 13-0360 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0060)</small></b>		
26 05 33 13-0361 EA 1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	27.14	8.47
<i>For Work In Restricted Working Space, Add</i>	6.35	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
<i>For Elevated Installation &gt;40', Add</i>	11.65	
26 05 33 13-0362 EA 3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	30.34	9.31
<i>For Work In Restricted Working Space, Add</i>	6.99	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
<i>For Elevated Installation &gt;40', Add</i>	12.81	
26 05 33 13-0363 EA 1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	34.86	10.59
<i>For Work In Restricted Working Space, Add</i>	7.94	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
<i>For Elevated Installation &gt;40', Add</i>	14.56	
26 05 33 13-0364 EA 1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	39.67	11.44
<i>For Work In Restricted Working Space, Add</i>	8.58	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.86	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.72	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.15	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.01	
<i>For Elevated Installation &gt;30' To 35', Add</i>	11.44	
<i>For Elevated Installation &gt;35' To 40', Add</i>	14.30	
<i>For Elevated Installation &gt;40', Add</i>	15.72	
26 05 33 13-0365 EA 1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	47.20	12.70
<i>For Work In Restricted Working Space, Add</i>	9.53	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
<i>For Elevated Installation &gt;40', Add</i>	17.47	
26 05 33 13-0366 EA 2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	57.77	13.98
<i>For Work In Restricted Working Space, Add</i>	10.48	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.49	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.74	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.23	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.47	
<i>For Elevated Installation &gt;40', Add</i>	19.22	
26 05 33 13-0367 EA 2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	78.95	16.94
<i>For Work In Restricted Working Space, Add</i>	12.71	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
<i>For Elevated Installation &gt;40', Add</i>	23.29	
26 05 33 13-0368 EA 3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	97.59	21.18
<i>For Work In Restricted Working Space, Add</i>	15.88	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
<i>For Elevated Installation &gt;40', Add</i>	29.12	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0369	EA	3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	117.25	25.42
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33	13-0370	EA	4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector .....	132.62	27.53
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.42	
			<i>For Elevated Installation &gt;40', Add</i>	37.86	
<b>26 05 33</b>	<b>13-0371</b>		<b>Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <small>(26 05 33 13-0060)</small></b> .....		
26 05 33	13-0372	EA	1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	23.72	9.53
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	
26 05 33	13-0373	EA	3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	26.44	10.59
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35	
26 05 33	13-0374	EA	1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	32.64	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0375	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	40.14	15.88
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	
26 05 33	13-0376	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	51.56	21.18
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.71	
26 05 33	13-0377	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs .....	59.96	23.82
			<i>For Work In Restricted Working Space, Add</i>	14.30	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
			<i>For Elevated Installation &gt;40', Add</i>	26.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0378 EA 2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	73.84	26.47
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
26 05 33 13-0379 EA 3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	99.47	33.36
For Work In Restricted Working Space, Add	20.01	
For Elevated Installation >10' To 15', Add	6.67	
For Elevated Installation >15' To 20', Add	13.34	
For Elevated Installation >20' To 25', Add	16.68	
For Elevated Installation >25' To 30', Add	23.35	
For Elevated Installation >30' To 35', Add	26.68	
For Elevated Installation >35' To 40', Add	33.36	
For Elevated Installation >40', Add	36.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.01	
26 05 33 13-0380 EA 3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	118.08	40.24
For Work In Restricted Working Space, Add	24.14	
For Elevated Installation >10' To 15', Add	8.05	
For Elevated Installation >15' To 20', Add	16.09	
For Elevated Installation >20' To 25', Add	20.12	
For Elevated Installation >25' To 30', Add	28.16	
For Elevated Installation >30' To 35', Add	32.19	
For Elevated Installation >35' To 40', Add	40.24	
For Elevated Installation >40', Add	44.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.14	
26 05 33 13-0381 EA 4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	144.89	47.65
For Work In Restricted Working Space, Add	28.59	
For Elevated Installation >10' To 15', Add	9.53	
For Elevated Installation >15' To 20', Add	19.06	
For Elevated Installation >20' To 25', Add	23.83	
For Elevated Installation >25' To 30', Add	33.36	
For Elevated Installation >30' To 35', Add	38.12	
For Elevated Installation >35' To 40', Add	47.65	
For Elevated Installation >40', Add	52.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.59	
<b>26 05 33 13-0382 Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement</b> <sup>(26 05</sup>		
<sup>33 13-0060)</sup>		
Note: Type AX		
26 05 33 13-0383 EA 1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	96.44	16.94
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.83	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.30	
26 05 33 13-0384 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	109.39	19.06
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
26 05 33 13-0385 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	128.90	21.18
For Work In Restricted Working Space, Add	15.89	
For Elevated Installation >10' To 15', Add	5.30	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.48	
For Elevated Installation >40', Add	29.12	
26 05 33 13-0386 EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	156.62	23.29
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.30	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0387	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement .....	195.01	25.42
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33	13-0388	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	266.04	27.53
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33	13-0389	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement .....	403.52	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
26 05 33	13-0390	EA	3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	516.50	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
26 05 33	13-0391	EA	3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement .....	748.88	50.83
			<i>For Work In Restricted Working Space, Add</i>	38.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.48	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.54	
			<i>For Elevated Installation &gt;40', Add</i>	69.89	
26 05 33	13-0392	EA	4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	798.70	55.07
			<i>For Work In Restricted Working Space, Add</i>	41.29	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.76	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	27.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	34.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	48.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	55.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	68.82	
			<i>For Elevated Installation &gt;40', Add</i>	75.70	
26 05 33	13-0393	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,215.65	67.77
			<i>For Work In Restricted Working Space, Add</i>	50.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	16.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	33.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	42.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	59.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	67.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	84.71	
			<i>For Elevated Installation &gt;40', Add</i>	93.18	
26 05 33	13-0394	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,489.60	75.18
			<i>For Work In Restricted Working Space, Add</i>	56.42	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.81	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.03	
			<i>For Elevated Installation &gt;40', Add</i>	103.43	
26 05 33	13-0395		<b>Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement</b> <small>(26 05 33 13-0060)</small>		
			Note: Type AX-8		
26 05 33	13-0396	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	105.48	16.94
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.83	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0397 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	117.40	19.06
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
26 05 33 13-0398 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	141.47	21.18
For Work In Restricted Working Space, Add	15.89	
For Elevated Installation >10' To 15', Add	5.30	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.48	
For Elevated Installation >40', Add	29.12	
26 05 33 13-0399 EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	176.42	23.29
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.30	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	
26 05 33 13-0400 EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	234.35	25.42
For Work In Restricted Working Space, Add	19.06	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.41	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.94	
26 05 33 13-0401 EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	284.83	27.53
For Work In Restricted Working Space, Add	20.65	
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
26 05 33 13-0402 EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	525.37	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
26 05 33 13-0403 EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	599.71	42.35
For Work In Restricted Working Space, Add	31.77	
For Elevated Installation >10' To 15', Add	10.59	
For Elevated Installation >15' To 20', Add	21.18	
For Elevated Installation >20' To 25', Add	26.47	
For Elevated Installation >25' To 30', Add	37.06	
For Elevated Installation >30' To 35', Add	42.36	
For Elevated Installation >35' To 40', Add	52.95	
For Elevated Installation >40', Add	58.24	
26 05 33 13-0404 EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	913.31	50.83
For Work In Restricted Working Space, Add	38.12	
For Elevated Installation >10' To 15', Add	12.71	
For Elevated Installation >15' To 20', Add	25.42	
For Elevated Installation >20' To 25', Add	31.77	
For Elevated Installation >25' To 30', Add	44.48	
For Elevated Installation >30' To 35', Add	50.83	
For Elevated Installation >35' To 40', Add	63.54	
For Elevated Installation >40', Add	69.89	
26 05 33 13-0405 EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement .....	988.76	55.07
For Work In Restricted Working Space, Add	41.29	
For Elevated Installation >10' To 15', Add	13.76	
For Elevated Installation >15' To 20', Add	27.53	
For Elevated Installation >20' To 25', Add	34.41	
For Elevated Installation >25' To 30', Add	48.17	
For Elevated Installation >30' To 35', Add	55.06	
For Elevated Installation >35' To 40', Add	68.82	
For Elevated Installation >40', Add	75.70	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0406	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,375.85	67.77
			<i>For Work In Restricted Working Space, Add</i>	50.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	16.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	33.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	42.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	59.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	67.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	84.71	
			<i>For Elevated Installation &gt;40', Add</i>	93.18	
26 05 33	13-0407	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	1,695.71	75.18
			<i>For Work In Restricted Working Space, Add</i>	56.42	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.81	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.03	
			<i>For Elevated Installation &gt;40', Add</i>	103.43	
<b>26 05 33 13-0408 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement (26 05 33 13-0060)</b>					
Note: Type EX					
26 05 33	13-0409	EA	1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	118.72	16.94
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.83	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.30	
26 05 33	13-0410	EA	3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	148.60	19.06
			<i>For Work In Restricted Working Space, Add</i>	14.30	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
			<i>For Elevated Installation &gt;40', Add</i>	26.21	
26 05 33	13-0411	EA	1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	183.62	21.18
			<i>For Work In Restricted Working Space, Add</i>	15.89	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.48	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
26 05 33	13-0412	EA	1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	222.05	23.29
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.30	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
			<i>For Elevated Installation &gt;40', Add</i>	32.03	
26 05 33	13-0413	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	296.14	25.42
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33	13-0414	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	404.25	27.53
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33	13-0415	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	623.68	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0416 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	839.08	42.35
For Work In Restricted Working Space, Add	31.77	
For Elevated Installation >10' To 15', Add	10.59	
For Elevated Installation >15' To 20', Add	21.18	
For Elevated Installation >20' To 25', Add	26.47	
For Elevated Installation >25' To 30', Add	37.06	
For Elevated Installation >30' To 35', Add	42.36	
For Elevated Installation >35' To 40', Add	52.95	
For Elevated Installation >40', Add	58.24	
26 05 33 13-0417 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,253.78	50.83
For Work In Restricted Working Space, Add	38.12	
For Elevated Installation >10' To 15', Add	12.71	
For Elevated Installation >15' To 20', Add	25.42	
For Elevated Installation >20' To 25', Add	31.77	
For Elevated Installation >25' To 30', Add	44.48	
For Elevated Installation >30' To 35', Add	50.83	
For Elevated Installation >35' To 40', Add	63.54	
For Elevated Installation >40', Add	69.89	
26 05 33 13-0418 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,298.87	55.07
For Work In Restricted Working Space, Add	41.29	
For Elevated Installation >10' To 15', Add	13.76	
For Elevated Installation >15' To 20', Add	27.53	
For Elevated Installation >20' To 25', Add	34.41	
For Elevated Installation >25' To 30', Add	48.17	
For Elevated Installation >30' To 35', Add	55.06	
For Elevated Installation >35' To 40', Add	68.82	
For Elevated Installation >40', Add	75.70	
26 05 33 13-0419 EA 5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,947.50	67.77
For Work In Restricted Working Space, Add	50.83	
For Elevated Installation >10' To 15', Add	16.94	
For Elevated Installation >15' To 20', Add	33.88	
For Elevated Installation >20' To 25', Add	42.36	
For Elevated Installation >25' To 30', Add	59.30	
For Elevated Installation >30' To 35', Add	67.77	
For Elevated Installation >35' To 40', Add	84.71	
For Elevated Installation >40', Add	93.18	
26 05 33 13-0420 EA 6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,410.09	75.18
For Work In Restricted Working Space, Add	56.42	
For Elevated Installation >10' To 15', Add	18.81	
For Elevated Installation >15' To 20', Add	37.61	
For Elevated Installation >20' To 25', Add	47.02	
For Elevated Installation >25' To 30', Add	65.82	
For Elevated Installation >30' To 35', Add	75.22	
For Elevated Installation >35' To 40', Add	94.03	
For Elevated Installation >40', Add	103.43	
<b>26 05 33 13-0421 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings</b> (26 05 33 13-0060)		
Note: Type DX		
26 05 33 13-0422 EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	200.32	16.94
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.83	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.30	
26 05 33 13-0423 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	238.09	19.06
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
26 05 33 13-0424 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	286.89	21.18
For Work In Restricted Working Space, Add	15.89	
For Elevated Installation >10' To 15', Add	5.30	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.48	
For Elevated Installation >40', Add	29.12	
26 05 33 13-0425 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	336.48	23.29
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.30	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0426	EA	1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	371.92	25.42
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33	13-0427	EA	2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	457.76	27.53
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33	13-0428	EA	2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	603.81	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
26 05 33	13-0429	EA	3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	765.45	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
26 05 33	13-0430	EA	3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	862.84	50.83
			<i>For Work In Restricted Working Space, Add</i>	38.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.48	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.54	
			<i>For Elevated Installation &gt;40', Add</i>	69.89	
26 05 33	13-0431	EA	4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	1,043.07	55.07
			<i>For Work In Restricted Working Space, Add</i>	41.29	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.76	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	27.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	34.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	48.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	55.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	68.82	
			<i>For Elevated Installation &gt;40', Add</i>	75.70	
26 05 33	13-0432	EA	5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	1,771.11	67.77
			<i>For Work In Restricted Working Space, Add</i>	50.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	16.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	33.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	42.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	59.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	67.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	84.71	
			<i>For Elevated Installation &gt;40', Add</i>	93.18	
26 05 33	13-0433	EA	6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting .....	2,800.18	75.18
			<i>For Work In Restricted Working Space, Add</i>	56.42	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.81	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.03	
			<i>For Elevated Installation &gt;40', Add</i>	103.43	
26 05 33	13-0434		<b>Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers</b> <small>(26 05 33 13-0060)</small>		
26 05 33	13-0435	EA	1/2" To 3/4" Conduit, 14" Bonding Jumper .....	53.75	8.47
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0436 EA 1" To 1-1/4" Conduit, 14" Bonding Jumper .....	62.33	10.59
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
26 05 33 13-0437 EA 1-1/2" To 2" Conduit, 14" Bonding Jumper .....	76.67	12.70
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	
26 05 33 13-0438 EA 2-1/2" To 3" Conduit, 14" Bonding Jumper .....	107.24	16.94
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.82	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.29	
26 05 33 13-0439 EA 3-1/2" To 4" Conduit, 14" Bonding Jumper .....	162.36	25.42
For Work In Restricted Working Space, Add	19.06	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.89	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.42	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.95	
26 05 33 13-0440 EA 5" To 6" Conduit, 14" Bonding Jumper .....	272.47	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
26 05 33 13-0441 EA 1/2" To 3/4" Conduit, 24" Bonding Jumper .....	59.32	8.47
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
26 05 33 13-0442 EA 1" To 1-1/4" Conduit, 24" Bonding Jumper .....	69.38	10.59
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
26 05 33 13-0443 EA 1-1/2" To 2" Conduit, 24" Bonding Jumper .....	83.12	12.70
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	
26 05 33 13-0444 EA 2-1/2" To 3" Conduit, 24" Bonding Jumper .....	115.81	16.94
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.82	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.29	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0445	EA	3-1/2" To 4" Conduit, 24" Bonding Jumper .....	173.73	25.42
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.89	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.95	
26 05 33	13-0446	EA	5" To 6" Conduit, 24" Bonding Jumper .....	309.14	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
26 05 33	13-0447		<b>Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal</b> <small>(26 05 33 13-0060)</small>		
26 05 33	13-0448	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	94.28	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
26 05 33	13-0449	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	112.08	31.76
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.06	
26 05 33	13-0450	EA	1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	136.52	37.06
			<i>For Work In Restricted Working Space, Add</i>	22.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.06	
			<i>For Elevated Installation &gt;40', Add</i>	40.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.24	
26 05 33	13-0451	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	160.49	42.35
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33	13-0452	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	209.39	47.65
			<i>For Work In Restricted Working Space, Add</i>	28.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.83	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.36	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	38.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.65	
			<i>For Elevated Installation &gt;40', Add</i>	52.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.59	
26 05 33	13-0453	EA	2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	253.71	52.94
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0454 EA 2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal .....	356.73	63.53
For Work In Restricted Working Space, Add	38.12	
For Elevated Installation >10' To 15', Add	12.71	
For Elevated Installation >15' To 20', Add	25.41	
For Elevated Installation >20' To 25', Add	31.77	
For Elevated Installation >25' To 30', Add	44.47	
For Elevated Installation >30' To 35', Add	50.83	
For Elevated Installation >35' To 40', Add	63.54	
For Elevated Installation >40', Add	69.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.12	
26 05 33 13-0455 EA 3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	428.78	74.12
For Work In Restricted Working Space, Add	44.47	
For Elevated Installation >10' To 15', Add	14.82	
For Elevated Installation >15' To 20', Add	29.65	
For Elevated Installation >20' To 25', Add	37.06	
For Elevated Installation >25' To 30', Add	51.88	
For Elevated Installation >30' To 35', Add	59.30	
For Elevated Installation >35' To 40', Add	74.12	
For Elevated Installation >40', Add	81.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	44.47	
26 05 33 13-0456 EA 3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	978.51	84.71
For Work In Restricted Working Space, Add	50.83	
For Elevated Installation >10' To 15', Add	16.94	
For Elevated Installation >15' To 20', Add	33.88	
For Elevated Installation >20' To 25', Add	42.36	
For Elevated Installation >25' To 30', Add	59.30	
For Elevated Installation >30' To 35', Add	67.77	
For Elevated Installation >35' To 40', Add	84.71	
For Elevated Installation >40', Add	93.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.83	
26 05 33 13-0457 EA 4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal .....	1,127.00	95.30
For Work In Restricted Working Space, Add	57.18	
For Elevated Installation >10' To 15', Add	19.06	
For Elevated Installation >15' To 20', Add	38.12	
For Elevated Installation >20' To 25', Add	47.65	
For Elevated Installation >25' To 30', Add	66.71	
For Elevated Installation >30' To 35', Add	76.24	
For Elevated Installation >35' To 40', Add	95.30	
For Elevated Installation >40', Add	104.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.18	
<b>26 05 33 13-0458 Rigid Galvanized Steel (RGS) Threaded Couplings (26 05 33 13-0060)</b>		
26 05 33 13-0459 EA 1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	14.09	6.36
For Work In Restricted Working Space, Add	3.81	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.54	
For Elevated Installation >20' To 25', Add	3.18	
For Elevated Installation >25' To 30', Add	4.45	
For Elevated Installation >30' To 35', Add	5.08	
For Elevated Installation >35' To 40', Add	6.35	
For Elevated Installation >40', Add	6.99	
26 05 33 13-0460 EA 3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	19.73	9.00
For Work In Restricted Working Space, Add	5.40	
For Elevated Installation >10' To 15', Add	1.80	
For Elevated Installation >15' To 20', Add	3.60	
For Elevated Installation >20' To 25', Add	4.50	
For Elevated Installation >25' To 30', Add	6.30	
For Elevated Installation >30' To 35', Add	7.20	
For Elevated Installation >35' To 40', Add	9.00	
For Elevated Installation >40', Add	9.90	
26 05 33 13-0461 EA 1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	25.94	11.65
For Work In Restricted Working Space, Add	6.99	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.32	
For Elevated Installation >35' To 40', Add	11.65	
For Elevated Installation >40', Add	12.81	
26 05 33 13-0462 EA 1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	29.81	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0463	EA	1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	35.94	15.88
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
26 05 33	13-0464	EA	2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	42.24	18.00
			<i>For Work In Restricted Working Space, Add</i>	10.80	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.60	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.20	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.00	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.01	
			<i>For Elevated Installation &gt;40', Add</i>	19.81	
26 05 33	13-0465	EA	2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	54.23	20.12
			<i>For Work In Restricted Working Space, Add</i>	12.07	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.02	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.05	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.06	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.08	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.10	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	20.12	
			<i>For Elevated Installation &gt;40', Add</i>	22.13	
26 05 33	13-0466	EA	3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	63.72	22.77
			<i>For Work In Restricted Working Space, Add</i>	13.66	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.55	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	15.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.21	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	22.77	
			<i>For Elevated Installation &gt;40', Add</i>	25.04	
26 05 33	13-0467	EA	3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	74.35	24.89
			<i>For Work In Restricted Working Space, Add</i>	14.93	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.98	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.95	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.44	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.91	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.89	
			<i>For Elevated Installation &gt;40', Add</i>	27.37	
26 05 33	13-0468	EA	4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	78.54	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
26 05 33	13-0469		<b>Rigid Galvanized Steel (RGS) Sealing Locknut</b> (26 05 33 13-0060)		
26 05 33	13-0470	EA	1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	3.34	1.06
26 05 33	13-0471	EA	3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	4.59	1.58
26 05 33	13-0472	EA	1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	7.62	2.65
26 05 33	13-0473	EA	1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	11.05	3.71
26 05 33	13-0474	EA	1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	13.27	4.23
26 05 33	13-0475	EA	2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	15.65	4.76
26 05 33	13-0476		<b>Rigid Galvanized Steel (RGS) Fire Stop Fittings</b> (26 05 33 13-0060)		
26 05 33	13-0477	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	196.84	12.85
			<i>For Work In Restricted Working Space, Add</i>	9.64	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.25	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.85	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.07	
			<i>For Elevated Installation &gt;40', Add</i>	17.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.64	
26 05 33	13-0478	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	199.93	14.09
			<i>For Work In Restricted Working Space, Add</i>	10.57	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.52	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.04	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.81	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.33	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.09	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.61	
			<i>For Elevated Installation &gt;40', Add</i>	19.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.57	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0479 EA 1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	240.15	15.46
For Work In Restricted Working Space, Add	11.57	
For Elevated Installation >10' To 15', Add	3.86	
For Elevated Installation >15' To 20', Add	7.71	
For Elevated Installation >20' To 25', Add	9.64	
For Elevated Installation >25' To 30', Add	13.50	
For Elevated Installation >30' To 35', Add	15.43	
For Elevated Installation >35' To 40', Add	19.29	
For Elevated Installation >40', Add	21.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.57	
26 05 33 13-0480 EA 1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	263.64	16.94
For Work In Restricted Working Space, Add	12.72	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.48	
For Elevated Installation >20' To 25', Add	10.60	
For Elevated Installation >25' To 30', Add	14.84	
For Elevated Installation >30' To 35', Add	16.96	
For Elevated Installation >35' To 40', Add	21.20	
For Elevated Installation >40', Add	23.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.72	
26 05 33 13-0481 EA 1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	300.86	19.06
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.30	
26 05 33 13-0482 EA 2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	446.30	21.18
For Work In Restricted Working Space, Add	15.89	
For Elevated Installation >10' To 15', Add	5.30	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.54	
For Elevated Installation >30' To 35', Add	21.19	
For Elevated Installation >35' To 40', Add	26.49	
For Elevated Installation >40', Add	29.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.89	
26 05 33 13-0483 EA 2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	513.13	28.28
For Work In Restricted Working Space, Add	21.19	
For Elevated Installation >10' To 15', Add	7.06	
For Elevated Installation >15' To 20', Add	14.13	
For Elevated Installation >20' To 25', Add	17.66	
For Elevated Installation >25' To 30', Add	24.72	
For Elevated Installation >30' To 35', Add	28.25	
For Elevated Installation >35' To 40', Add	35.32	
For Elevated Installation >40', Add	38.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.19	
26 05 33 13-0484 EA 3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	569.28	31.02
For Work In Restricted Working Space, Add	23.29	
For Elevated Installation >10' To 15', Add	7.76	
For Elevated Installation >15' To 20', Add	15.52	
For Elevated Installation >20' To 25', Add	19.41	
For Elevated Installation >25' To 30', Add	27.17	
For Elevated Installation >30' To 35', Add	31.05	
For Elevated Installation >35' To 40', Add	38.81	
For Elevated Installation >40', Add	42.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.29	
26 05 33 13-0485 EA 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	662.42	33.88
For Work In Restricted Working Space, Add	25.42	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.89	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.60	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.42	
26 05 33 13-0486 EA 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	746.75	38.12
For Work In Restricted Working Space, Add	28.59	
For Elevated Installation >10' To 15', Add	9.53	
For Elevated Installation >15' To 20', Add	19.06	
For Elevated Installation >20' To 25', Add	23.83	
For Elevated Installation >25' To 30', Add	33.36	
For Elevated Installation >30' To 35', Add	38.12	
For Elevated Installation >35' To 40', Add	47.65	
For Elevated Installation >40', Add	52.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.59	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0487	EA		5" Rigid Galvanized Steel (RGS) Fire Stop Fitting .....	1,003.17	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	
26 05 33 13-0488	EA		6" Rigid Galvanized Steel (RGS) Fire Stop Fitting .....	1,248.35	47.01
			<i>For Work In Restricted Working Space, Add</i>	35.26	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.75	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	23.51	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	29.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	41.14	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	47.01	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	58.77	
			<i>For Elevated Installation &gt;40', Add</i>	64.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.26	
<b>26 05 33 13-0489</b>			<b>Rigid Galvanized Steel (RGS) Reducing Bushings</b> <small>(26 05 33 13-0060)</small>		
26 05 33 13-0490	EA		3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing .....	17.36	8.20
			<i>For Work In Restricted Working Space, Add</i>	4.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.64	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.28	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.10	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.74	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.56	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.21	
			<i>For Elevated Installation &gt;40', Add</i>	9.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.92	
26 05 33 13-0491	EA		1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing .....	19.22	8.73
			<i>For Work In Restricted Working Space, Add</i>	5.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.75	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.50	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.37	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.74	
			<i>For Elevated Installation &gt;40', Add</i>	9.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.24	
26 05 33 13-0492	EA		1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing .....	19.74	9.00
			<i>For Work In Restricted Working Space, Add</i>	5.40	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
			<i>For Elevated Installation &gt;40', Add</i>	9.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	
26 05 33 13-0493	EA		1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing .....	23.04	9.26
			<i>For Work In Restricted Working Space, Add</i>	5.56	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.63	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.27	
			<i>For Elevated Installation &gt;40', Add</i>	10.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 05 33 13-0494	EA		1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing .....	23.57	9.53
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	
26 05 33 13-0495	EA		1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing .....	24.63	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.04	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0496 EA 1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	26.64	10.59
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.35	
26 05 33 13-0497 EA 1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	27.17	10.85
For Work In Restricted Working Space, Add	6.51	
For Elevated Installation >10' To 15', Add	2.17	
For Elevated Installation >15' To 20', Add	4.34	
For Elevated Installation >20' To 25', Add	5.43	
For Elevated Installation >25' To 30', Add	7.60	
For Elevated Installation >30' To 35', Add	8.68	
For Elevated Installation >35' To 40', Add	10.86	
For Elevated Installation >40', Add	11.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.51	
26 05 33 13-0498 EA 1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	28.23	11.38
For Work In Restricted Working Space, Add	6.83	
For Elevated Installation >10' To 15', Add	2.28	
For Elevated Installation >15' To 20', Add	4.55	
For Elevated Installation >20' To 25', Add	5.69	
For Elevated Installation >25' To 30', Add	7.97	
For Elevated Installation >30' To 35', Add	9.11	
For Elevated Installation >35' To 40', Add	11.39	
For Elevated Installation >40', Add	12.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.83	
26 05 33 13-0499 EA 1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	29.28	11.91
For Work In Restricted Working Space, Add	7.15	
For Elevated Installation >10' To 15', Add	2.38	
For Elevated Installation >15' To 20', Add	4.76	
For Elevated Installation >20' To 25', Add	5.96	
For Elevated Installation >25' To 30', Add	8.34	
For Elevated Installation >30' To 35', Add	9.53	
For Elevated Installation >35' To 40', Add	11.91	
For Elevated Installation >40', Add	13.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.15	
26 05 33 13-0500 EA 2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	35.81	11.91
For Work In Restricted Working Space, Add	7.15	
For Elevated Installation >10' To 15', Add	2.38	
For Elevated Installation >15' To 20', Add	4.76	
For Elevated Installation >20' To 25', Add	5.96	
For Elevated Installation >25' To 30', Add	8.34	
For Elevated Installation >30' To 35', Add	9.53	
For Elevated Installation >35' To 40', Add	11.91	
For Elevated Installation >40', Add	13.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.15	
26 05 33 13-0501 EA 2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	36.34	12.17
For Work In Restricted Working Space, Add	7.31	
For Elevated Installation >10' To 15', Add	2.44	
For Elevated Installation >15' To 20', Add	4.87	
For Elevated Installation >20' To 25', Add	6.09	
For Elevated Installation >25' To 30', Add	8.52	
For Elevated Installation >30' To 35', Add	9.74	
For Elevated Installation >35' To 40', Add	12.18	
For Elevated Installation >40', Add	13.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.31	
26 05 33 13-0502 EA 2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	37.41	12.70
For Work In Restricted Working Space, Add	7.63	
For Elevated Installation >10' To 15', Add	2.54	
For Elevated Installation >15' To 20', Add	5.08	
For Elevated Installation >20' To 25', Add	6.36	
For Elevated Installation >25' To 30', Add	8.90	
For Elevated Installation >30' To 35', Add	10.17	
For Elevated Installation >35' To 40', Add	12.71	
For Elevated Installation >40', Add	13.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.63	
26 05 33 13-0503 EA 2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	38.46	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0504	EA	2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing .....	41.11	14.56
			<i>For Work In Restricted Working Space, Add</i>	8.74	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.28	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.19	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	14.56	
			<i>For Elevated Installation &gt;40', Add</i>	16.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.74	
26 05 33	13-0505	EA	2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing .....	52.18	17.21
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
<b>26 05 33</b>	<b>13-0506</b>		<b>Rigid Galvanized Steel (RGS) Locknuts</b> <small>(26 05 33 13-0060)</small> .....	2.21	1.06
26 05 33	13-0507	EA	1/2" Rigid Galvanized Steel (RGS) Locknuts .....	2.21	1.06
			<i>For Work In Restricted Working Space, Add</i>	0.64	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	0.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	0.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	0.74	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	0.85	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	1.06	
			<i>For Elevated Installation &gt;40', Add</i>	1.17	
26 05 33	13-0508	EA	3/4" Rigid Galvanized Steel (RGS) Locknuts .....	3.30	1.58
			<i>For Work In Restricted Working Space, Add</i>	0.95	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.32	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	0.64	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	0.80	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.11	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	1.27	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	1.59	
			<i>For Elevated Installation &gt;40', Add</i>	1.75	
26 05 33	13-0509	EA	1" Rigid Galvanized Steel (RGS) Locknuts .....	5.49	2.65
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
26 05 33	13-0510	EA	1-1/4" Rigid Galvanized Steel (RGS) Locknuts .....	7.74	3.71
			<i>For Work In Restricted Working Space, Add</i>	2.22	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
26 05 33	13-0511	EA	1-1/2" Rigid Galvanized Steel (RGS) Locknuts .....	8.90	4.23
			<i>For Work In Restricted Working Space, Add</i>	2.54	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.69	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.96	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.39	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.24	
			<i>For Elevated Installation &gt;40', Add</i>	4.66	
26 05 33	13-0512	EA	2" Rigid Galvanized Steel (RGS) Locknuts .....	10.06	4.76
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.91	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.34	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.77	
			<i>For Elevated Installation &gt;40', Add</i>	5.24	
26 05 33	13-0513	EA	2-1/2" Rigid Galvanized Steel (RGS) Locknuts .....	14.12	6.36
			<i>For Work In Restricted Working Space, Add</i>	3.81	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
			<i>For Elevated Installation &gt;40', Add</i>	6.99	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0514 EA 3" Rigid Galvanized Steel (RGS) Locknuts.....	17.45	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
26 05 33 13-0515 EA 3-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	20.61	9.00
For Work In Restricted Working Space, Add	5.40	
For Elevated Installation >10' To 15', Add	1.80	
For Elevated Installation >15' To 20', Add	3.60	
For Elevated Installation >20' To 25', Add	4.50	
For Elevated Installation >25' To 30', Add	6.30	
For Elevated Installation >30' To 35', Add	7.20	
For Elevated Installation >35' To 40', Add	9.00	
For Elevated Installation >40', Add	9.90	
26 05 33 13-0516 EA 4" Rigid Galvanized Steel (RGS) Locknuts.....	23.12	10.06
For Work In Restricted Working Space, Add	6.04	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.05	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.07	
<b>26 05 33 13-0517 Rigid Galvanized Steel (RGS) Grounding Locknuts</b> <small>(26 05 33 13-0060)</small>		
26 05 33 13-0518 EA 1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	3.42	1.06
For Work In Restricted Working Space, Add	0.64	
For Elevated Installation >10' To 15', Add	0.21	
For Elevated Installation >15' To 20', Add	0.42	
For Elevated Installation >20' To 25', Add	0.53	
For Elevated Installation >25' To 30', Add	0.74	
For Elevated Installation >30' To 35', Add	0.85	
For Elevated Installation >35' To 40', Add	1.06	
For Elevated Installation >40', Add	1.17	
26 05 33 13-0519 EA 3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	4.74	1.58
For Work In Restricted Working Space, Add	0.95	
For Elevated Installation >10' To 15', Add	0.32	
For Elevated Installation >15' To 20', Add	0.64	
For Elevated Installation >20' To 25', Add	0.80	
For Elevated Installation >25' To 30', Add	1.11	
For Elevated Installation >30' To 35', Add	1.27	
For Elevated Installation >35' To 40', Add	1.59	
For Elevated Installation >40', Add	1.75	
26 05 33 13-0520 EA 1" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	7.52	2.65
For Work In Restricted Working Space, Add	1.59	
For Elevated Installation >10' To 15', Add	0.53	
For Elevated Installation >15' To 20', Add	1.06	
For Elevated Installation >20' To 25', Add	1.32	
For Elevated Installation >25' To 30', Add	1.85	
For Elevated Installation >30' To 35', Add	2.12	
For Elevated Installation >35' To 40', Add	2.65	
For Elevated Installation >40', Add	2.91	
26 05 33 13-0521 EA 1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	10.52	3.71
For Work In Restricted Working Space, Add	2.22	
For Elevated Installation >10' To 15', Add	0.74	
For Elevated Installation >15' To 20', Add	1.48	
For Elevated Installation >20' To 25', Add	1.85	
For Elevated Installation >25' To 30', Add	2.59	
For Elevated Installation >30' To 35', Add	2.96	
For Elevated Installation >35' To 40', Add	3.71	
For Elevated Installation >40', Add	4.08	
26 05 33 13-0522 EA 1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	11.87	4.23
For Work In Restricted Working Space, Add	2.54	
For Elevated Installation >10' To 15', Add	0.85	
For Elevated Installation >15' To 20', Add	1.69	
For Elevated Installation >20' To 25', Add	2.12	
For Elevated Installation >25' To 30', Add	2.96	
For Elevated Installation >30' To 35', Add	3.39	
For Elevated Installation >35' To 40', Add	4.24	
For Elevated Installation >40', Add	4.66	
26 05 33 13-0523 EA 2" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	13.96	4.76
For Work In Restricted Working Space, Add	2.86	
For Elevated Installation >10' To 15', Add	0.95	
For Elevated Installation >15' To 20', Add	1.91	
For Elevated Installation >20' To 25', Add	2.38	
For Elevated Installation >25' To 30', Add	3.34	
For Elevated Installation >30' To 35', Add	3.81	
For Elevated Installation >35' To 40', Add	4.77	
For Elevated Installation >40', Add	5.24	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0524	EA	2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	20.94	6.36
			<i>For Work In Restricted Working Space, Add</i>	3.81	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
			<i>For Elevated Installation &gt;40', Add</i>	6.99	
26 05 33	13-0525	EA	3" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	26.34	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
26 05 33	13-0526	EA	3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	34.99	9.00
			<i>For Work In Restricted Working Space, Add</i>	5.40	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
			<i>For Elevated Installation &gt;40', Add</i>	9.90	
26 05 33	13-0527	EA	4" Rigid Galvanized Steel (RGS) Grounding Locknuts .....	42.03	10.06
			<i>For Work In Restricted Working Space, Add</i>	6.04	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.07	
<b>26 05 33</b>	<b>13-0528</b>		<b>Rigid Galvanized Steel (RGS) Insulated Ground Bushing</b> <small>(26 05 33 13-0060)</small>		
26 05 33	13-0529	EA	1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing .....	9.61	3.18
			<i>For Work In Restricted Working Space, Add</i>	1.91	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
			<i>For Elevated Installation &gt;40', Add</i>	3.50	
26 05 33	13-0530	EA	3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing .....	12.00	4.23
			<i>For Work In Restricted Working Space, Add</i>	2.54	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.69	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.96	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.39	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.24	
			<i>For Elevated Installation &gt;40', Add</i>	4.66	
26 05 33	13-0531	EA	1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing .....	15.34	5.29
			<i>For Work In Restricted Working Space, Add</i>	3.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
			<i>For Elevated Installation &gt;40', Add</i>	5.82	
26 05 33	13-0532	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing .....	22.24	8.47
			<i>For Work In Restricted Working Space, Add</i>	5.08	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.69	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.39	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.78	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.47	
			<i>For Elevated Installation &gt;40', Add</i>	9.32	
26 05 33	13-0533	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing .....	25.06	9.53
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0534 EA 2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	28.54	10.59
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
26 05 33 13-0535 EA 2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	39.64	12.70
For Work In Restricted Working Space, Add	7.63	
For Elevated Installation >10' To 15', Add	2.54	
For Elevated Installation >15' To 20', Add	5.08	
For Elevated Installation >20' To 25', Add	6.36	
For Elevated Installation >25' To 30', Add	8.90	
For Elevated Installation >30' To 35', Add	10.17	
For Elevated Installation >35' To 40', Add	12.71	
For Elevated Installation >40', Add	13.98	
26 05 33 13-0536 EA 3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	48.05	15.88
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	
26 05 33 13-0537 EA 3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	59.18	21.18
For Work In Restricted Working Space, Add	12.71	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.47	
For Elevated Installation >20' To 25', Add	10.59	
For Elevated Installation >25' To 30', Add	14.82	
For Elevated Installation >30' To 35', Add	16.94	
For Elevated Installation >35' To 40', Add	21.18	
For Elevated Installation >40', Add	23.29	
26 05 33 13-0538 EA 4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	71.97	26.47
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
<b>26 05 33 13-0539 Rigid Galvanized Steel (RGS) Threadless Compression Connectors</b> <small>(26 05 33 13-0060)</small>		
26 05 33 13-0540 EA 1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	22.58	9.53
For Work In Restricted Working Space, Add	5.72	
For Elevated Installation >10' To 15', Add	1.91	
For Elevated Installation >15' To 20', Add	3.61	
For Elevated Installation >20' To 25', Add	4.77	
For Elevated Installation >25' To 30', Add	6.67	
For Elevated Installation >30' To 35', Add	7.62	
For Elevated Installation >35' To 40', Add	9.53	
For Elevated Installation >40', Add	10.48	
26 05 33 13-0541 EA 3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	26.84	10.59
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
26 05 33 13-0542 EA 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	35.31	13.24
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
26 05 33 13-0543 EA 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	48.40	15.88
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0544	EA	1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	65.40	21.18
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.29	
26 05 33	13-0545	EA	2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	97.16	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
26 05 33	13-0546	EA	2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	165.53	31.76
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33	13-0547	EA	3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	209.35	37.06
			<i>For Work In Restricted Working Space, Add</i>	22.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.06	
			<i>For Elevated Installation &gt;40', Add</i>	40.77	
26 05 33	13-0548	EA	3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	266.73	45.00
			<i>For Work In Restricted Working Space, Add</i>	27.00	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	22.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	31.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	36.00	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	45.01	
			<i>For Elevated Installation &gt;40', Add</i>	49.51	
26 05 33	13-0549	EA	4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors .....	322.24	52.94
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
26 05 33	13-0550		<b>Rigid Galvanized Steel (RGS) Compression Coupling</b> <small>(26 05 33 13-0060)</small> .....	32.14	13.24
26 05 33	13-0551	EA	1/2" Rigid Galvanized Steel (RGS) Compression Coupling .....	7.94	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
26 05 33	13-0552	EA	3/4" Rigid Galvanized Steel (RGS) Compression Coupling .....	40.86	15.88
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
26 05 33	13-0553	EA	1" Rigid Galvanized Steel (RGS) Compression Coupling .....	58.22	21.18
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.29	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0554 EA 1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling.....	76.43	26.47
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
26 05 33 13-0555 EA 1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling.....	94.11	31.76
For Work In Restricted Working Space, Add	19.06	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.41	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.94	
26 05 33 13-0556 EA 2" Rigid Galvanized Steel (RGS) Compression Coupling.....	140.99	37.06
For Work In Restricted Working Space, Add	22.24	
For Elevated Installation >10' To 15', Add	7.41	
For Elevated Installation >15' To 20', Add	14.62	
For Elevated Installation >20' To 25', Add	18.53	
For Elevated Installation >25' To 30', Add	25.94	
For Elevated Installation >30' To 35', Add	29.65	
For Elevated Installation >35' To 40', Add	37.06	
For Elevated Installation >40', Add	40.77	
26 05 33 13-0557 EA 2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling.....	225.57	42.35
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
26 05 33 13-0558 EA 3" Rigid Galvanized Steel (RGS) Compression Coupling.....	259.68	36.53
For Work In Restricted Working Space, Add	21.92	
For Elevated Installation >10' To 15', Add	7.31	
For Elevated Installation >15' To 20', Add	14.61	
For Elevated Installation >20' To 25', Add	18.27	
For Elevated Installation >25' To 30', Add	25.57	
For Elevated Installation >30' To 35', Add	29.22	
For Elevated Installation >35' To 40', Add	36.53	
For Elevated Installation >40', Add	40.18	
26 05 33 13-0559 EA 3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling.....	356.86	55.59
For Work In Restricted Working Space, Add	33.36	
For Elevated Installation >10' To 15', Add	11.12	
For Elevated Installation >15' To 20', Add	22.24	
For Elevated Installation >20' To 25', Add	27.80	
For Elevated Installation >25' To 30', Add	38.92	
For Elevated Installation >30' To 35', Add	44.48	
For Elevated Installation >35' To 40', Add	55.60	
For Elevated Installation >40', Add	61.15	
26 05 33 13-0560 EA 4" Rigid Galvanized Steel (RGS) Compression Coupling.....	441.42	63.53
For Work In Restricted Working Space, Add	38.12	
For Elevated Installation >10' To 15', Add	12.71	
For Elevated Installation >15' To 20', Add	25.41	
For Elevated Installation >20' To 25', Add	31.77	
For Elevated Installation >25' To 30', Add	44.47	
For Elevated Installation >30' To 35', Add	50.83	
For Elevated Installation >35' To 40', Add	63.54	
For Elevated Installation >40', Add	69.89	
<b>26 05 33 13-0561 Zinc Plated Steel Snap-in Knock Out Seal</b> (26 05 33 13-0060)		
26 05 33 13-0562 EA 1/2" Zinc Plated Steel Snap-in Knock Out Seal.....	5.57	2.65
For Work In Restricted Working Space, Add	1.59	
For Elevated Installation >10' To 15', Add	0.53	
For Elevated Installation >15' To 20', Add	1.06	
For Elevated Installation >20' To 25', Add	1.32	
For Elevated Installation >25' To 30', Add	1.85	
For Elevated Installation >30' To 35', Add	2.12	
For Elevated Installation >35' To 40', Add	2.65	
For Elevated Installation >40', Add	2.91	
26 05 33 13-0563 EA 3/4" Zinc Plated Steel Snap-in Knock Out Seal.....	6.72	3.18
For Work In Restricted Working Space, Add	1.91	
For Elevated Installation >10' To 15', Add	0.64	
For Elevated Installation >15' To 20', Add	1.27	
For Elevated Installation >20' To 25', Add	1.59	
For Elevated Installation >25' To 30', Add	2.23	
For Elevated Installation >30' To 35', Add	2.54	
For Elevated Installation >35' To 40', Add	3.18	
For Elevated Installation >40', Add	3.50	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0564	EA	1" Zinc Plated Steel Snap-in Knock Out Seal .....	7.98	3.71
			<i>For Work In Restricted Working Space, Add</i>	2.22	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
26 05 33	13-0565	EA	1-1/4" Zinc Plated Steel Snap-in Knock Out Seal .....	10.28	4.76
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.91	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.34	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.77	
			<i>For Elevated Installation &gt;40', Add</i>	5.24	
26 05 33	13-0566	EA	1-1/2" Zinc Plated Steel Snap-in Knock Out Seal .....	11.64	5.29
			<i>For Work In Restricted Working Space, Add</i>	3.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
			<i>For Elevated Installation &gt;40', Add</i>	5.82	
26 05 33	13-0567	EA	2" Zinc Plated Steel Snap-in Knock Out Seal .....	14.17	6.36
			<i>For Work In Restricted Working Space, Add</i>	3.81	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
			<i>For Elevated Installation &gt;40', Add</i>	6.99	
<b>26 05 33</b>	<b>13-0568</b>		<b>Zinc Plated Steel 3-Piece Knock Out Seal</b> <small>(26 05 33 13-0060)</small>		
26 05 33	13-0569	EA	1/2" Zinc Plated Steel 3-Piece Knock Out Seal.....	6.94	2.65
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
26 05 33	13-0570	EA	3/4" Zinc Plated Steel 3-Piece Knock Out Seal.....	8.28	3.18
			<i>For Work In Restricted Working Space, Add</i>	1.91	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
			<i>For Elevated Installation &gt;40', Add</i>	3.50	
26 05 33	13-0571	EA	1" Zinc Plated Steel 3-Piece Knock Out Seal .....	10.06	3.71
			<i>For Work In Restricted Working Space, Add</i>	2.22	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
26 05 33	13-0572	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal .....	12.94	4.76
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.91	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.34	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.77	
			<i>For Elevated Installation &gt;40', Add</i>	5.24	
26 05 33	13-0573	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal .....	16.03	5.29
			<i>For Work In Restricted Working Space, Add</i>	3.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
			<i>For Elevated Installation &gt;40', Add</i>	5.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0574 EA 2" Zinc Plated Steel 3-Piece Knock Out Seal .....	19.40	6.36
<i>For Work In Restricted Working Space, Add</i>	3.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
<i>For Elevated Installation &gt;40', Add</i>	6.99	
26 05 33 13-0575 EA 2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal .....	23.76	7.94
<i>For Work In Restricted Working Space, Add</i>	4.76	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
<i>For Elevated Installation &gt;40', Add</i>	8.73	
26 05 33 13-0576 EA 3" Zinc Plated Steel 3-Piece Knock Out Seal .....	27.84	9.00
<i>For Work In Restricted Working Space, Add</i>	5.40	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
<i>For Elevated Installation &gt;40', Add</i>	9.90	
26 05 33 13-0577 EA 3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal .....	33.98	10.06
<i>For Work In Restricted Working Space, Add</i>	6.04	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.05	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
<i>For Elevated Installation &gt;40', Add</i>	11.07	
26 05 33 13-0578 EA 4" Zinc Plated Steel 3-Piece Knock Out Seal .....	40.02	11.12
<i>For Work In Restricted Working Space, Add</i>	6.67	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.45	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.56	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.78	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.90	
<i>For Elevated Installation &gt;35' To 40', Add</i>	11.12	
<i>For Elevated Installation &gt;40', Add</i>	12.23	
<b>26 05 33 13-0579 Rigid Galvanized Steel (RGS) Chase Nipples</b> <small>(26 05 33 13-0060)</small>		
26 05 33 13-0580 EA 1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	13.12	6.36
<i>For Work In Restricted Working Space, Add</i>	3.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
<i>For Elevated Installation &gt;40', Add</i>	6.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81	
26 05 33 13-0581 EA 3/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	15.53	7.41
<i>For Work In Restricted Working Space, Add</i>	4.45	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.96	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.41	
<i>For Elevated Installation &gt;40', Add</i>	8.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45	
26 05 33 13-0582 EA 1" Rigid Galvanized Steel (RGS) Chase Nipple.....	19.54	9.00
<i>For Work In Restricted Working Space, Add</i>	5.40	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
<i>For Elevated Installation &gt;40', Add</i>	9.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0583	EA	1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	23.85	10.59
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35	
26 05 33	13-0584	EA	1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	29.91	13.24
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-0585	EA	2" Rigid Galvanized Steel (RGS) Chase Nipple.....	37.34	15.88
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	
26 05 33	13-0586	EA	2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	47.67	18.53
			<i>For Work In Restricted Working Space, Add</i>	11.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.27	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.97	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.82	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.53	
			<i>For Elevated Installation &gt;40', Add</i>	20.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.12	
26 05 33	13-0587	EA	3" Rigid Galvanized Steel (RGS) Chase Nipple.....	53.24	21.18
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.71	
26 05 33	13-0588	EA	3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	66.90	23.82
			<i>For Work In Restricted Working Space, Add</i>	14.30	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
			<i>For Elevated Installation &gt;40', Add</i>	26.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.30	
26 05 33	13-0589	EA	4" Rigid Galvanized Steel (RGS) Chase Nipple.....	93.28	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
26 05 33	13-0590		<b>Rigid Galvanized Steel (RGS) Pulling Elbow</b> (26 05 33 13-0060)		
26 05 33	13-0591	EA	1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	26.38	9.53
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0592 EA 3/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	30.64	11.12
<i>For Work In Restricted Working Space, Add</i>	6.67	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.45	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.56	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.78	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.90	
<i>For Elevated Installation &gt;35' To 40', Add</i>	11.12	
<i>For Elevated Installation &gt;40', Add</i>	12.23	
26 05 33 13-0593 EA 1" Rigid Galvanized Steel (RGS) Pulling Elbow.....	39.37	12.70
<i>For Work In Restricted Working Space, Add</i>	7.63	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.54	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.08	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.36	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.90	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.17	
<i>For Elevated Installation &gt;35' To 40', Add</i>	12.71	
<i>For Elevated Installation &gt;40', Add</i>	13.98	
26 05 33 13-0594 EA 1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow .....	50.54	15.88
<i>For Work In Restricted Working Space, Add</i>	9.53	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
<i>For Elevated Installation &gt;40', Add</i>	17.47	
26 05 33 13-0595 EA 1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow .....	67.93	19.06
<i>For Work In Restricted Working Space, Add</i>	11.44	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.81	
<i>For Elevated Installation &gt;15' To 20', Add</i>	7.62	
<i>For Elevated Installation &gt;20' To 25', Add</i>	9.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	13.34	
<i>For Elevated Installation &gt;30' To 35', Add</i>	15.25	
<i>For Elevated Installation &gt;35' To 40', Add</i>	19.06	
<i>For Elevated Installation &gt;40', Add</i>	20.97	
26 05 33 13-0596 EA 2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	91.65	22.24
<i>For Work In Restricted Working Space, Add</i>	13.34	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.45	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.89	
<i>For Elevated Installation &gt;20' To 25', Add</i>	11.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	15.56	
<i>For Elevated Installation &gt;30' To 35', Add</i>	17.79	
<i>For Elevated Installation &gt;35' To 40', Add</i>	22.24	
<i>For Elevated Installation &gt;40', Add</i>	24.46	
26 05 33 13-0597 EA 2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow .....	128.72	25.42
<i>For Work In Restricted Working Space, Add</i>	15.25	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
<i>For Elevated Installation &gt;40', Add</i>	27.96	
26 05 33 13-0598 EA 3" Rigid Galvanized Steel (RGS) Pulling Elbow.....	228.54	31.76
<i>For Work In Restricted Working Space, Add</i>	19.06	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
<i>For Elevated Installation &gt;40', Add</i>	34.94	
 26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit <small>(26 05 33 13-0059)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
 26 05 33 13-0600 Electrical Metallic Tubing (EMT) Thinwall Conduit <small>(26 05 33 13-0599)</small>		
Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".		
26 05 33 13-0601 LF 1/2" Electrical Metallic Tubing (EMT) Conduit.....	5.78	1.91
<i>For &gt;250 To 500, Deduct</i>	-0.05	
<i>For &gt;500 To 1,000, Deduct</i>	-0.31	
<i>For &gt;1,000, Deduct</i>	-0.46	
<i>For Installation In Metal Stud Wall, Add</i>	0.48	
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.19	
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.71	
<i>For Work In Restricted Working Space, Add</i>	1.43	
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	0.95	
<i>For Elevated Installation &gt;20' To 25', Add</i>	1.19	
<i>For Elevated Installation &gt;25' To 30', Add</i>	1.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	1.90	
<i>For Elevated Installation &gt;35' To 40', Add</i>	2.38	
<i>For Elevated Installation &gt;40', Add</i>	2.62	
<i>For Factory Applied Color Coating, Add</i>	0.31	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0602	LF	3/4" Electrical Metallic Tubing (EMT) Conduit.....	6.89	2.12
			<i>For &gt;250 To 500, Deduct</i>	-0.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.38	
			<i>For &gt;1,000, Deduct</i>	-0.56	
			<i>For Installation In Metal Stud Wall, Add</i>	0.53	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.32	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.79	
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
			<i>For Factory Applied Color Coating, Add</i>	0.48	
26 05 33	13-0603	LF	1" Electrical Metallic Tubing (EMT) Conduit.....	8.49	2.33
			<i>For &gt;250 To 500, Deduct</i>	-0.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.49	
			<i>For &gt;1,000, Deduct</i>	-0.70	
			<i>For Installation In Metal Stud Wall, Add</i>	0.58	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.46	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.87	
			<i>For Work In Restricted Working Space, Add</i>	1.75	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.58	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.46	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.92	
			<i>For Elevated Installation &gt;40', Add</i>	3.21	
			<i>For Factory Applied Color Coating, Add</i>	0.80	
26 05 33	13-0604	LF	1-1/4" Electrical Metallic Tubing (EMT) Conduit.....	10.76	2.63
			<i>For &gt;250 To 500, Deduct</i>	-0.21	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.64	
			<i>For &gt;1,000, Deduct</i>	-0.91	
			<i>For Installation In Metal Stud Wall, Add</i>	0.66	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.64	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.99	
			<i>For Work In Restricted Working Space, Add</i>	1.97	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.66	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.31	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.63	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.29	
			<i>For Elevated Installation &gt;40', Add</i>	3.61	
			<i>For Factory Applied Color Coating, Add</i>	1.26	
26 05 33	13-0605	LF	1-1/2" Electrical Metallic Tubing (EMT) Conduit.....	12.63	2.97
			<i>For &gt;250 To 500, Deduct</i>	-0.26	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.76	
			<i>For &gt;1,000, Deduct</i>	-1.08	
			<i>For Installation In Metal Stud Wall, Add</i>	0.74	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.85	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.11	
			<i>For Work In Restricted Working Space, Add</i>	2.22	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
			<i>For Factory Applied Color Coating, Add</i>	1.57	
26 05 33	13-0606	LF	2" Electrical Metallic Tubing (EMT) Conduit.....	14.66	3.39
			<i>For &gt;250 To 500, Deduct</i>	-0.31	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.89	
			<i>For &gt;1,000, Deduct</i>	-1.25	
			<i>For Installation In Metal Stud Wall, Add</i>	0.85	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.12	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.27	
			<i>For Work In Restricted Working Space, Add</i>	2.54	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.69	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.96	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.39	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.24	
			<i>For Elevated Installation &gt;40', Add</i>	4.66	
			<i>For Factory Applied Color Coating, Add</i>	1.86	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0607 LF 2-1/2" Electrical Metallic Tubing (EMT) Conduit .....	19.23	4.02
For >250 To 500, Deduct	-0.46	
For >500 To 1,000, Deduct	-1.19	
For >1,000, Deduct	-1.67	
For Installation In Metal Stud Wall, Add	1.01	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.52	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.51	
For Work In Restricted Working Space, Add	3.02	
For Elevated Installation >10' To 15', Add	1.01	
For Elevated Installation >15' To 20', Add	2.01	
For Elevated Installation >20' To 25', Add	2.52	
For Elevated Installation >25' To 30', Add	3.52	
For Elevated Installation >30' To 35', Add	4.02	
For Elevated Installation >35' To 40', Add	5.03	
For Elevated Installation >40', Add	5.53	
For Factory Applied Color Coating, Add	2.75	
26 05 33 13-0608 LF 3" Electrical Metallic Tubing (EMT) Conduit.....	23.13	4.66
For >250 To 500, Deduct	-0.57	
For >500 To 1,000, Deduct	-1.44	
For >1,000, Deduct	-2.02	
For Installation In Metal Stud Wall, Add	1.17	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.91	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.75	
For Work In Restricted Working Space, Add	3.50	
For Elevated Installation >10' To 15', Add	1.17	
For Elevated Installation >15' To 20', Add	2.33	
For Elevated Installation >20' To 25', Add	2.91	
For Elevated Installation >25' To 30', Add	4.08	
For Elevated Installation >30' To 35', Add	4.66	
For Elevated Installation >35' To 40', Add	5.83	
For Elevated Installation >40', Add	6.41	
For Factory Applied Color Coating, Add	3.44	
26 05 33 13-0609 LF 3-1/2" Electrical Metallic Tubing (EMT) Conduit .....	29.11	5.50
For >250 To 500, Deduct	-0.77	
For >500 To 1,000, Deduct	-1.84	
For >1,000, Deduct	-2.57	
For Installation In Metal Stud Wall, Add	1.38	
For Installation In Wood Stud Wall (Includes Drilling), Add	3.44	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.07	
For Work In Restricted Working Space, Add	4.13	
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Factory Applied Color Coating, Add	4.60	
26 05 33 13-0610 LF 4" Electrical Metallic Tubing (EMT) Conduit.....	37.86	8.23
For >250 To 500, Deduct	-0.86	
For >500 To 1,000, Deduct	-2.33	
For >1,000, Deduct	-3.27	
For Installation In Metal Stud Wall, Add	2.06	
For Installation In Wood Stud Wall (Includes Drilling), Add	5.15	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.09	
For Work In Restricted Working Space, Add	6.17	
For Elevated Installation >10' To 15', Add	2.06	
For Elevated Installation >15' To 20', Add	4.12	
For Elevated Installation >20' To 25', Add	5.15	
For Elevated Installation >25' To 30', Add	7.20	
For Elevated Installation >30' To 35', Add	8.23	
For Elevated Installation >35' To 40', Add	10.29	
For Elevated Installation >40', Add	11.32	
For Factory Applied Color Coating, Add	5.18	
<b>26 05 33 13-0611 Electrical Metallic Tubing (EMT) 90 Degree Elbows</b> (26 05 33 13-0599)		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0612 EA 1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	13.97	4.66
For Work In Restricted Working Space, Add	3.50	
For Elevated Installation >10' To 15', Add	1.17	
For Elevated Installation >15' To 20', Add	2.33	
For Elevated Installation >20' To 25', Add	2.91	
For Elevated Installation >25' To 30', Add	4.08	
For Elevated Installation >30' To 35', Add	4.66	
For Elevated Installation >35' To 40', Add	5.83	
For Elevated Installation >40', Add	6.41	
26 05 33 13-0613 EA 3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	14.76	5.08
For Work In Restricted Working Space, Add	3.81	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.54	
For Elevated Installation >20' To 25', Add	3.18	
For Elevated Installation >25' To 30', Add	4.45	
For Elevated Installation >30' To 35', Add	5.08	
For Elevated Installation >35' To 40', Add	6.35	
For Elevated Installation >40', Add	6.99	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0614	EA	1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	18.07	5.93
			<i>For Work In Restricted Working Space, Add</i>	4.45	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.97	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.42	
			<i>For Elevated Installation &gt;40', Add</i>	8.16	
26 05 33	13-0615	EA	1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	19.91	6.36
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
26 05 33	13-0616	EA	1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	23.59	7.62
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
			<i>For Elevated Installation &gt;40', Add</i>	10.48	
26 05 33	13-0617	EA	2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	31.05	9.75
			<i>For Work In Restricted Working Space, Add</i>	7.31	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.87	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.09	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.52	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.74	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	12.18	
			<i>For Elevated Installation &gt;40', Add</i>	13.39	
26 05 33	13-0618	EA	2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	42.33	11.01
			<i>For Work In Restricted Working Space, Add</i>	8.26	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.75	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.51	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.64	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.01	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.77	
			<i>For Elevated Installation &gt;40', Add</i>	15.14	
26 05 33	13-0619	EA	3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	54.61	12.28
			<i>For Work In Restricted Working Space, Add</i>	9.21	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.07	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.75	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.36	
			<i>For Elevated Installation &gt;40', Add</i>	16.89	
26 05 33	13-0620	EA	3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow .....	62.15	13.56
			<i>For Work In Restricted Working Space, Add</i>	10.16	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.39	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.78	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.86	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.55	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.94	
			<i>For Elevated Installation &gt;40', Add</i>	18.63	
26 05 33	13-0621	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	128.46	36.02
			<i>For Work In Restricted Working Space, Add</i>	27.01	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.01	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	22.51	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	31.51	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	36.02	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	45.02	
			<i>For Elevated Installation &gt;40', Add</i>	49.52	
26 05 33	13-0622		<b>Electrical Metallic Tubing (EMT) 45 Degree Elbows</b> <small>(26 05 33 13-0599)</small>		
			See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33	13-0623	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	13.72	4.66
			<i>For Work In Restricted Working Space, Add</i>	3.50	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.17	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.91	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.08	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	5.83	
			<i>For Elevated Installation &gt;40', Add</i>	6.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0624 EA 3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	14.91	5.08
<i>For Work In Restricted Working Space, Add</i>	3.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
<i>For Elevated Installation &gt;40', Add</i>	6.99	
26 05 33 13-0625 EA 1" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	18.40	5.93
<i>For Work In Restricted Working Space, Add</i>	4.45	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.97	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.42	
<i>For Elevated Installation &gt;40', Add</i>	8.16	
26 05 33 13-0626 EA 1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow .....	20.53	6.36
<i>For Work In Restricted Working Space, Add</i>	4.76	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
<i>For Elevated Installation &gt;40', Add</i>	8.73	
26 05 33 13-0627 EA 1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow .....	24.37	7.62
<i>For Work In Restricted Working Space, Add</i>	5.72	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
<i>For Elevated Installation &gt;40', Add</i>	10.48	
26 05 33 13-0628 EA 2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	30.80	9.75
<i>For Work In Restricted Working Space, Add</i>	7.31	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.87	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.09	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.52	
<i>For Elevated Installation &gt;30' To 35', Add</i>	9.74	
<i>For Elevated Installation &gt;35' To 40', Add</i>	12.18	
<i>For Elevated Installation &gt;40', Add</i>	13.39	
26 05 33 13-0629 EA 2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow .....	44.59	11.01
<i>For Work In Restricted Working Space, Add</i>	8.26	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.75	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.51	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.64	
<i>For Elevated Installation &gt;30' To 35', Add</i>	11.01	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.77	
<i>For Elevated Installation &gt;40', Add</i>	15.14	
26 05 33 13-0630 EA 3" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	56.41	12.28
<i>For Work In Restricted Working Space, Add</i>	9.21	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.07	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.68	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.75	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.36	
<i>For Elevated Installation &gt;40', Add</i>	16.89	
26 05 33 13-0631 EA 3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow .....	67.04	13.56
<i>For Work In Restricted Working Space, Add</i>	10.16	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.39	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.78	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.47	
<i>For Elevated Installation &gt;25' To 30', Add</i>	11.86	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.55	
<i>For Elevated Installation &gt;35' To 40', Add</i>	16.94	
<i>For Elevated Installation &gt;40', Add</i>	18.63	
26 05 33 13-0632 EA 4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	125.04	36.02
<i>For Work In Restricted Working Space, Add</i>	27.01	
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	18.01	
<i>For Elevated Installation &gt;20' To 25', Add</i>	22.51	
<i>For Elevated Installation &gt;25' To 30', Add</i>	31.51	
<i>For Elevated Installation &gt;30' To 35', Add</i>	36.02	
<i>For Elevated Installation &gt;35' To 40', Add</i>	45.02	
<i>For Elevated Installation &gt;40', Add</i>	49.52	

26 05 33 13-0633 Electrical Metallic Tubing (EMT) Set Screw Couplings (26 05 33 13-0599)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0634	EA	1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	5.56	2.54
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
26 05 33	13-0635	EA	3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	6.75	2.54
			<i>For Work In Restricted Working Space, Add</i>	1.91	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
			<i>For Elevated Installation &gt;40', Add</i>	3.50	
26 05 33	13-0636	EA	1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	8.01	2.97
			<i>For Work In Restricted Working Space, Add</i>	2.22	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
26 05 33	13-0637	EA	1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	10.84	3.81
			<i>For Work In Restricted Working Space, Add</i>	2.86	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.91	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.38	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.34	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.77	
			<i>For Elevated Installation &gt;40', Add</i>	5.24	
26 05 33	13-0638	EA	1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	13.38	4.66
			<i>For Work In Restricted Working Space, Add</i>	3.50	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.17	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.91	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.08	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	5.83	
			<i>For Elevated Installation &gt;40', Add</i>	6.41	
26 05 33	13-0639	EA	2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	18.18	6.36
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.94	
			<i>For Elevated Installation &gt;40', Add</i>	8.73	
26 05 33	13-0640	EA	2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	25.21	8.47
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	
26 05 33	13-0641	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	32.72	9.75
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
26 05 33	13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling .....	36.71	10.59
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0643 EA 4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	105.41	29.84
<i>For Work In Restricted Working Space, Add</i>	28.98	
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.66	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.32	
<i>For Elevated Installation &gt;20' To 25', Add</i>	24.15	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.81	
<i>For Elevated Installation &gt;30' To 35', Add</i>	38.64	
<i>For Elevated Installation &gt;35' To 40', Add</i>	48.30	
<i>For Elevated Installation &gt;40', Add</i>	53.12	
<b>26 05 33 13-0644 Electrical Metallic Tubing (EMT) Compression Couplings (26 05 33 13-0599)</b> .....	<b>7.02</b>	<b>2.54</b>
26 05 33 13-0645 EA 1/2 Electrical Metallic Tubing (EMT) Compression Coupling.....	7.02	2.54
<i>For Work In Restricted Working Space, Add</i>	1.91	
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
<i>For Elevated Installation &gt;40', Add</i>	3.50	
26 05 33 13-0646 EA 3/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	8.14	2.97
<i>For Work In Restricted Working Space, Add</i>	2.22	
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
<i>For Elevated Installation &gt;40', Add</i>	4.08	
26 05 33 13-0647 EA 1" Electrical Metallic Tubing (EMT) Compression Coupling.....	11.60	4.23
<i>For Work In Restricted Working Space, Add</i>	3.18	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
<i>For Elevated Installation &gt;40', Add</i>	5.82	
26 05 33 13-0648 EA 1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	14.81	5.08
<i>For Work In Restricted Working Space, Add</i>	3.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
<i>For Elevated Installation &gt;40', Add</i>	6.99	
26 05 33 13-0649 EA 1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	17.79	5.93
<i>For Work In Restricted Working Space, Add</i>	4.45	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.96	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.41	
<i>For Elevated Installation &gt;40', Add</i>	8.15	
26 05 33 13-0650 EA 2" Electrical Metallic Tubing (EMT) Compression Coupling.....	23.74	7.62
<i>For Work In Restricted Working Space, Add</i>	5.72	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
<i>For Elevated Installation &gt;40', Add</i>	10.48	
26 05 33 13-0651 EA 2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	37.64	10.17
<i>For Work In Restricted Working Space, Add</i>	7.63	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.54	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.08	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.36	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.90	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.17	
<i>For Elevated Installation &gt;35' To 40', Add</i>	12.71	
<i>For Elevated Installation &gt;40', Add</i>	13.98	
26 05 33 13-0652 EA 3" Electrical Metallic Tubing (EMT) Compression Coupling.....	43.53	11.86
<i>For Work In Restricted Working Space, Add</i>	8.90	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.93	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.41	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.38	
<i>For Elevated Installation &gt;30' To 35', Add</i>	11.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	14.83	
<i>For Elevated Installation &gt;40', Add</i>	16.31	



**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0653	EA 3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	54.43	14.82
	<i>For Work In Restricted Working Space, Add</i>	11.12	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	3.71	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	7.41	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	9.27	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	12.97	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	14.82	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	18.53	
	<i>For Elevated Installation &gt;40', Add</i>	20.38	
26 05 33 13-0654	EA 4" Electrical Metallic Tubing (EMT) Compression Coupling.....	69.80	19.06
	<i>For Work In Restricted Working Space, Add</i>	14.30	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
	<i>For Elevated Installation &gt;40', Add</i>	26.21	
<b>26 05 33 13-0655 Electrical Metallic Tubing (EMT) Raintight Compression Couplings <small>(26 05 33 13-0599)</small></b>			
26 05 33 13-0656	EA 1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling .....	7.97	2.54
	<i>For Work In Restricted Working Space, Add</i>	1.91	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
	<i>For Elevated Installation &gt;40', Add</i>	3.50	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.91	
26 05 33 13-0657	EA 3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	9.18	2.97
	<i>For Work In Restricted Working Space, Add</i>	2.22	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
	<i>For Elevated Installation &gt;40', Add</i>	4.08	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.22	
26 05 33 13-0658	EA 1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	13.58	4.23
	<i>For Work In Restricted Working Space, Add</i>	3.18	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
	<i>For Elevated Installation &gt;40', Add</i>	5.82	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.18	
26 05 33 13-0659	EA 1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	17.21	5.08
	<i>For Work In Restricted Working Space, Add</i>	3.81	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
	<i>For Elevated Installation &gt;40', Add</i>	6.99	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81	
26 05 33 13-0660	EA 1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	22.06	5.93
	<i>For Work In Restricted Working Space, Add</i>	4.45	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	2.96	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	7.41	
	<i>For Elevated Installation &gt;40', Add</i>	8.15	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45	
26 05 33 13-0661	EA 2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	26.89	7.20
	<i>For Work In Restricted Working Space, Add</i>	5.40	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
	<i>For Elevated Installation &gt;40', Add</i>	9.90	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0662 EA 2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	36.18	9.75
For Work In Restricted Working Space, Add	7.31	
For Elevated Installation >10' To 15', Add	2.44	
For Elevated Installation >15' To 20', Add	4.87	
For Elevated Installation >20' To 25', Add	6.09	
For Elevated Installation >25' To 30', Add	8.52	
For Elevated Installation >30' To 35', Add	9.74	
For Elevated Installation >35' To 40', Add	12.18	
For Elevated Installation >40', Add	13.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.31	
26 05 33 13-0663 EA 3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	45.72	11.86
For Work In Restricted Working Space, Add	8.90	
For Elevated Installation >10' To 15', Add	2.97	
For Elevated Installation >15' To 20', Add	5.93	
For Elevated Installation >20' To 25', Add	7.41	
For Elevated Installation >25' To 30', Add	10.38	
For Elevated Installation >30' To 35', Add	11.86	
For Elevated Installation >35' To 40', Add	14.83	
For Elevated Installation >40', Add	16.31	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.90	
26 05 33 13-0664 EA 3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	60.31	14.82
For Work In Restricted Working Space, Add	11.12	
For Elevated Installation >10' To 15', Add	3.71	
For Elevated Installation >15' To 20', Add	7.41	
For Elevated Installation >20' To 25', Add	9.27	
For Elevated Installation >25' To 30', Add	12.97	
For Elevated Installation >30' To 35', Add	14.82	
For Elevated Installation >35' To 40', Add	18.53	
For Elevated Installation >40', Add	20.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.12	
26 05 33 13-0665 EA 4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	73.64	19.06
For Work In Restricted Working Space, Add	14.30	
For Elevated Installation >10' To 15', Add	4.77	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.68	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.83	
For Elevated Installation >40', Add	26.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.30	
<b>26 05 33 13-0666 Electrical Metallic Tubing (EMT) Insulated Bushing</b> <small>(26 05 33 13-0599)</small>		
26 05 33 13-0667 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	7.19	2.86
For Work In Restricted Working Space, Add	2.13	
For Elevated Installation >10' To 15', Add	0.71	
For Elevated Installation >15' To 20', Add	1.42	
For Elevated Installation >20' To 25', Add	1.78	
For Elevated Installation >25' To 30', Add	2.49	
For Elevated Installation >30' To 35', Add	2.84	
For Elevated Installation >35' To 40', Add	3.55	
For Elevated Installation >40', Add	3.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.13	
26 05 33 13-0668 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	7.87	3.07
For Work In Restricted Working Space, Add	2.32	
For Elevated Installation >10' To 15', Add	0.77	
For Elevated Installation >15' To 20', Add	1.55	
For Elevated Installation >20' To 25', Add	1.93	
For Elevated Installation >25' To 30', Add	2.71	
For Elevated Installation >30' To 35', Add	3.09	
For Elevated Installation >35' To 40', Add	3.87	
For Elevated Installation >40', Add	4.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.32	
26 05 33 13-0669 EA 1" Electrical Metallic Tubing (EMT) Insulated Bushing.....	9.87	3.81
For Work In Restricted Working Space, Add	2.83	
For Elevated Installation >10' To 15', Add	0.94	
For Elevated Installation >15' To 20', Add	1.88	
For Elevated Installation >20' To 25', Add	2.36	
For Elevated Installation >25' To 30', Add	3.30	
For Elevated Installation >30' To 35', Add	3.77	
For Elevated Installation >35' To 40', Add	4.71	
For Elevated Installation >40', Add	5.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.83	
26 05 33 13-0670 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing .....	12.62	4.87
For Work In Restricted Working Space, Add	3.62	
For Elevated Installation >10' To 15', Add	1.21	
For Elevated Installation >15' To 20', Add	2.41	
For Elevated Installation >20' To 25', Add	3.02	
For Elevated Installation >25' To 30', Add	4.22	
For Elevated Installation >30' To 35', Add	4.83	
For Elevated Installation >35' To 40', Add	6.04	
For Elevated Installation >40', Add	6.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.62	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0671	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing .....	14.96	5.61
			<i>For Work In Restricted Working Space, Add</i>	4.23	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.64	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.05	
			<i>For Elevated Installation &gt;40', Add</i>	7.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.23	
26 05 33	13-0672	EA	2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	18.39	6.78
			<i>For Work In Restricted Working Space, Add</i>	5.08	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.69	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.39	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.78	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.47	
			<i>For Elevated Installation &gt;40', Add</i>	9.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08	
26 05 33	13-0673	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing .....	26.64	9.42
			<i>For Work In Restricted Working Space, Add</i>	7.05	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.70	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.75	
			<i>For Elevated Installation &gt;40', Add</i>	12.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.05	
26 05 33	13-0674	EA	3" Electrical Metallic Tubing (EMT) Insulated Bushing.....	35.33	12.49
			<i>For Work In Restricted Working Space, Add</i>	9.40	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.13	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.84	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.97	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.67	
			<i>For Elevated Installation &gt;40', Add</i>	17.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	
26 05 33	13-0675	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing .....	45.27	16.09
			<i>For Work In Restricted Working Space, Add</i>	12.11	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.04	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.07	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.09	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.14	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	20.18	
			<i>For Elevated Installation &gt;40', Add</i>	22.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.11	
26 05 33	13-0676	EA	4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	58.42	21.18
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
26 05 33	13-0677		<b>Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw<sup>(26)</sup></b>		
			<small>05 33 13-0599</small>		
26 05 33	13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	5.50	2.12
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.59	
26 05 33	13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	6.70	2.54
			<i>For Work In Restricted Working Space, Add</i>	1.91	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
			<i>For Elevated Installation &gt;40', Add</i>	3.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0680 EA 1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	8.01	2.97
For Work In Restricted Working Space, Add	2.22	
For Elevated Installation >10' To 15', Add	0.74	
For Elevated Installation >15' To 20', Add	1.48	
For Elevated Installation >20' To 25', Add	1.85	
For Elevated Installation >25' To 30', Add	2.59	
For Elevated Installation >30' To 35', Add	2.96	
For Elevated Installation >35' To 40', Add	3.71	
For Elevated Installation >40', Add	4.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.22	
26 05 33 13-0681 EA 1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw .....	11.69	4.23
For Work In Restricted Working Space, Add	3.18	
For Elevated Installation >10' To 15', Add	1.06	
For Elevated Installation >15' To 20', Add	2.12	
For Elevated Installation >20' To 25', Add	2.65	
For Elevated Installation >25' To 30', Add	3.71	
For Elevated Installation >30' To 35', Add	4.24	
For Elevated Installation >35' To 40', Add	5.30	
For Elevated Installation >40', Add	5.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.18	
26 05 33 13-0682 EA 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw .....	14.30	5.08
For Work In Restricted Working Space, Add	3.81	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.54	
For Elevated Installation >20' To 25', Add	3.18	
For Elevated Installation >25' To 30', Add	4.45	
For Elevated Installation >30' To 35', Add	5.08	
For Elevated Installation >35' To 40', Add	6.35	
For Elevated Installation >40', Add	6.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.81	
26 05 33 13-0683 EA 2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	18.25	6.36
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0684 EA 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw .....	27.78	8.47
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.35	
26 05 33 13-0685 EA 3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	34.54	10.59
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-0686 EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw .....	40.83	12.70
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.53	
26 05 33 13-0687 EA 4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	47.56	14.82
For Work In Restricted Working Space, Add	11.12	
For Elevated Installation >10' To 15', Add	3.71	
For Elevated Installation >15' To 20', Add	7.41	
For Elevated Installation >20' To 25', Add	9.27	
For Elevated Installation >25' To 30', Add	12.97	
For Elevated Installation >30' To 35', Add	14.82	
For Elevated Installation >35' To 40', Add	18.53	
For Elevated Installation >40', Add	20.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.12	

26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw (26 05 33 13-0599)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0689	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.45	2.86
			<i>For Work In Restricted Working Space, Add</i>	2.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.78	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.84	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.55	
			<i>For Elevated Installation &gt;40', Add</i>	3.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.13	
26 05 33	13-0690	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	8.29	3.07
			<i>For Work In Restricted Working Space, Add</i>	2.32	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.55	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.09	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.87	
			<i>For Elevated Installation &gt;40', Add</i>	4.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.32	
26 05 33	13-0691	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.42	3.81
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.71	
			<i>For Elevated Installation &gt;40', Add</i>	5.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33	13-0692	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.74	4.87
			<i>For Work In Restricted Working Space, Add</i>	3.62	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.04	
			<i>For Elevated Installation &gt;40', Add</i>	6.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.62	
26 05 33	13-0693	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	16.31	5.61
			<i>For Work In Restricted Working Space, Add</i>	4.23	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	5.64	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	7.05	
			<i>For Elevated Installation &gt;40', Add</i>	7.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.23	
26 05 33	13-0694	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	19.99	6.78
			<i>For Work In Restricted Working Space, Add</i>	5.08	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.69	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.39	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.78	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.47	
			<i>For Elevated Installation &gt;40', Add</i>	9.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08	
26 05 33	13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	33.49	9.42
			<i>For Work In Restricted Working Space, Add</i>	7.05	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.70	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.23	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.75	
			<i>For Elevated Installation &gt;40', Add</i>	12.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.05	
26 05 33	13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	43.29	12.49
			<i>For Work In Restricted Working Space, Add</i>	9.40	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.13	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.27	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.84	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.97	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.54	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.67	
			<i>For Elevated Installation &gt;40', Add</i>	17.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0697 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw .....	55.29	16.09
<i>For Work In Restricted Working Space, Add</i>	12.11	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.04	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.07	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.09	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	16.14	
<i>For Elevated Installation &gt;35' To 40', Add</i>	20.18	
<i>For Elevated Installation &gt;40', Add</i>	22.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.11	
26 05 33 13-0698 EA 4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw .....	69.38	21.18
<i>For Work In Restricted Working Space, Add</i>	15.88	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
<i>For Elevated Installation &gt;40', Add</i>	29.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
<b>26 05 33 13-0699 Electrical Metallic Tubing (EMT) Straight Box Compression Connectors <small>(26 05 33 13-0599)</small></b>		
26 05 33 13-0700 EA 1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	6.70	2.54
<i>For Work In Restricted Working Space, Add</i>	1.91	
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.64	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.27	
<i>For Elevated Installation &gt;20' To 25', Add</i>	1.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	2.23	
<i>For Elevated Installation &gt;30' To 35', Add</i>	2.54	
<i>For Elevated Installation &gt;35' To 40', Add</i>	3.18	
<i>For Elevated Installation &gt;40', Add</i>	3.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.91	
26 05 33 13-0701 EA 3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	7.93	2.97
<i>For Work In Restricted Working Space, Add</i>	2.22	
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
<i>For Elevated Installation &gt;40', Add</i>	4.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.22	
26 05 33 13-0702 EA 1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	11.33	4.23
<i>For Work In Restricted Working Space, Add</i>	3.18	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.12	
<i>For Elevated Installation &gt;20' To 25', Add</i>	2.65	
<i>For Elevated Installation &gt;25' To 30', Add</i>	3.71	
<i>For Elevated Installation &gt;30' To 35', Add</i>	4.24	
<i>For Elevated Installation &gt;35' To 40', Add</i>	5.30	
<i>For Elevated Installation &gt;40', Add</i>	5.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.18	
26 05 33 13-0703 EA 1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	14.09	5.08
<i>For Work In Restricted Working Space, Add</i>	3.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
<i>For Elevated Installation &gt;40', Add</i>	6.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81	
26 05 33 13-0704 EA 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	16.78	5.93
<i>For Work In Restricted Working Space, Add</i>	4.45	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.96	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.71	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.19	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.93	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.41	
<i>For Elevated Installation &gt;40', Add</i>	8.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45	
26 05 33 13-0705 EA 2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector .....	21.90	7.62
<i>For Work In Restricted Working Space, Add</i>	5.72	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.91	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.81	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.62	
<i>For Elevated Installation &gt;35' To 40', Add</i>	9.53	
<i>For Elevated Installation &gt;40', Add</i>	10.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0706	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	33.96	10.17
			<i>For Work In Restricted Working Space, Add</i>	7.63	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.54	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.08	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.90	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.17	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	12.71	
			<i>For Elevated Installation &gt;40', Add</i>	13.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.63	
26 05 33	13-0707	EA	3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	42.94	12.70
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	
26 05 33	13-0708	EA	3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	54.28	14.82
			<i>For Work In Restricted Working Space, Add</i>	11.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.27	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.97	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.82	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.53	
			<i>For Elevated Installation &gt;40', Add</i>	20.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.12	
26 05 33	13-0709	EA	4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	61.03	16.94
			<i>For Work In Restricted Working Space, Add</i>	12.71	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
			<i>For Elevated Installation &gt;40', Add</i>	23.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.71	
<b>26 05 33 13-0710 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors</b> <small>(26 05 33 13-0599)</small>					
26 05 33	13-0711	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	7.69	2.86
			<i>For Work In Restricted Working Space, Add</i>	2.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.78	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.84	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.55	
			<i>For Elevated Installation &gt;40', Add</i>	3.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.13	
26 05 33	13-0712	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	8.54	3.07
			<i>For Work In Restricted Working Space, Add</i>	2.32	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.77	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.55	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.09	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.87	
			<i>For Elevated Installation &gt;40', Add</i>	4.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.32	
26 05 33	13-0713	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	10.63	3.81
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.77	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.71	
			<i>For Elevated Installation &gt;40', Add</i>	5.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.83	
26 05 33	13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	14.33	4.87
			<i>For Work In Restricted Working Space, Add</i>	3.62	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.21	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	2.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	3.02	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	4.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	4.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	6.04	
			<i>For Elevated Installation &gt;40', Add</i>	6.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.62	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0715 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	17.29	5.61
<i>For Work In Restricted Working Space, Add</i>	4.23	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.41	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.82	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.52	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.93	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.64	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.05	
<i>For Elevated Installation &gt;40', Add</i>	7.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.23	
26 05 33 13-0716 EA 2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	21.41	6.78
<i>For Work In Restricted Working Space, Add</i>	5.08	
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.69	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.39	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.93	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.78	
<i>For Elevated Installation &gt;35' To 40', Add</i>	8.47	
<i>For Elevated Installation &gt;40', Add</i>	9.32	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08	
26 05 33 13-0717 EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	38.65	9.42
<i>For Work In Restricted Working Space, Add</i>	7.05	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.35	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.70	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.23	
<i>For Elevated Installation &gt;30' To 35', Add</i>	9.40	
<i>For Elevated Installation &gt;35' To 40', Add</i>	11.75	
<i>For Elevated Installation &gt;40', Add</i>	12.93	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.05	
26 05 33 13-0718 EA 3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	51.95	12.49
<i>For Work In Restricted Working Space, Add</i>	9.40	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.13	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.27	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.84	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.97	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.54	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.67	
<i>For Elevated Installation &gt;40', Add</i>	17.24	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.40	
26 05 33 13-0719 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	70.47	16.09
<i>For Work In Restricted Working Space, Add</i>	12.11	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.04	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.07	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.09	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	16.14	
<i>For Elevated Installation &gt;35' To 40', Add</i>	20.18	
<i>For Elevated Installation &gt;40', Add</i>	22.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.11	
26 05 33 13-0720 EA 4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector .....	88.17	21.18
<i>For Work In Restricted Working Space, Add</i>	15.88	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
<i>For Elevated Installation &gt;40', Add</i>	29.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
<b>26 05 33 13-0721 Electrical Metallic Tubing (EMT) Expansion Coupling (26 05 33 13-0599)</b>		
Note: Excludes jumper.		
26 05 33 13-0722 EA 1/2" Electrical Metallic Tubing (EMT) Expansion Coupling .....	59.13	14.09
<i>For Work In Restricted Working Space, Add</i>	10.57	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.52	
<i>For Elevated Installation &gt;15' To 20', Add</i>	7.05	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.81	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.33	
<i>For Elevated Installation &gt;30' To 35', Add</i>	14.10	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.62	
<i>For Elevated Installation &gt;40', Add</i>	19.38	
26 05 33 13-0723 EA 3/4" Electrical Metallic Tubing (EMT) Expansion Coupling .....	71.21	17.05
<i>For Work In Restricted Working Space, Add</i>	12.81	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.54	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.68	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.95	
<i>For Elevated Installation &gt;30' To 35', Add</i>	17.08	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.36	
<i>For Elevated Installation &gt;40', Add</i>	23.49	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0724	EA	1" Electrical Metallic Tubing (EMT) Expansion Coupling .....	87.42	21.39
			<i>For Work In Restricted Working Space, Add</i>	16.02	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.34	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.68	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.69	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.70	
			<i>For Elevated Installation &gt;40', Add</i>	29.36	
26 05 33	13-0725	EA	1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling .....	113.35	26.26
			<i>For Work In Restricted Working Space, Add</i>	19.70	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.42	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.99	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.27	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	32.84	
			<i>For Elevated Installation &gt;40', Add</i>	36.12	
26 05 33	13-0726	EA	1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling .....	141.27	30.81
			<i>For Work In Restricted Working Space, Add</i>	23.11	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.70	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	19.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.96	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	38.52	
			<i>For Elevated Installation &gt;40', Add</i>	42.37	
26 05 33	13-0727	EA	2" Electrical Metallic Tubing (EMT) Expansion Coupling .....	177.35	37.48
			<i>For Work In Restricted Working Space, Add</i>	28.14	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.38	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.45	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	32.83	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.52	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	46.91	
			<i>For Elevated Installation &gt;40', Add</i>	51.60	
26 05 33	13-0728	EA	2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling .....	344.08	48.18
			<i>For Work In Restricted Working Space, Add</i>	36.14	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.05	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	24.10	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	30.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	42.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	48.19	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	60.24	
			<i>For Elevated Installation &gt;40', Add</i>	66.26	
26 05 33	13-0729	EA	3" Electrical Metallic Tubing (EMT) Expansion Coupling .....	421.45	56.33
			<i>For Work In Restricted Working Space, Add</i>	42.26	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.09	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	28.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	35.22	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	49.30	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	56.35	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	70.44	
			<i>For Elevated Installation &gt;40', Add</i>	77.48	
26 05 33	13-0730	EA	3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling .....	519.46	61.41
			<i>For Work In Restricted Working Space, Add</i>	46.08	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	15.36	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	30.72	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	38.40	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	53.76	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	61.44	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	76.80	
			<i>For Elevated Installation &gt;40', Add</i>	84.47	
26 05 33	13-0731	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling .....	561.92	67.77
			<i>For Work In Restricted Working Space, Add</i>	50.84	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	16.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	33.89	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	42.37	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	59.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	67.79	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	84.74	
			<i>For Elevated Installation &gt;40', Add</i>	93.21	
26 05 33	13-0732		<b>Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters</b>		
			<small>(26 05 33 13-0599)</small>		
26 05 33	13-0733	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter .....	10.84	3.81
			<i>For Work In Restricted Working Space, Add</i>	2.82	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	3.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.70	
			<i>For Elevated Installation &gt;40', Add</i>	5.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0734 EA 1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	11.62	3.81
For Work In Restricted Working Space, Add	2.82	
For Elevated Installation >10' To 15', Add	0.94	
For Elevated Installation >15' To 20', Add	1.88	
For Elevated Installation >20' To 25', Add	2.35	
For Elevated Installation >25' To 30', Add	3.29	
For Elevated Installation >30' To 35', Add	3.76	
For Elevated Installation >35' To 40', Add	4.70	
For Elevated Installation >40', Add	5.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.82	
26 05 33 13-0735 EA 3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	13.00	4.13
For Work In Restricted Working Space, Add	3.14	
For Elevated Installation >10' To 15', Add	1.05	
For Elevated Installation >15' To 20', Add	2.09	
For Elevated Installation >20' To 25', Add	2.61	
For Elevated Installation >25' To 30', Add	3.66	
For Elevated Installation >30' To 35', Add	4.18	
For Elevated Installation >35' To 40', Add	5.23	
For Elevated Installation >40', Add	5.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.14	
26 05 33 13-0736 EA 1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	15.16	4.76
For Work In Restricted Working Space, Add	3.57	
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.97	
For Elevated Installation >25' To 30', Add	4.16	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.95	
For Elevated Installation >40', Add	6.54	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.57	
26 05 33 13-0737 EA 1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter .....	21.80	5.72
For Work In Restricted Working Space, Add	4.31	
For Elevated Installation >10' To 15', Add	1.44	
For Elevated Installation >15' To 20', Add	2.88	
For Elevated Installation >20' To 25', Add	3.60	
For Elevated Installation >25' To 30', Add	5.03	
For Elevated Installation >30' To 35', Add	5.75	
For Elevated Installation >35' To 40', Add	7.19	
For Elevated Installation >40', Add	7.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.31	
26 05 33 13-0738 EA 1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter .....	26.75	6.57
For Work In Restricted Working Space, Add	4.93	
For Elevated Installation >10' To 15', Add	1.64	
For Elevated Installation >15' To 20', Add	3.29	
For Elevated Installation >20' To 25', Add	4.11	
For Elevated Installation >25' To 30', Add	5.75	
For Elevated Installation >30' To 35', Add	6.57	
For Elevated Installation >35' To 40', Add	8.22	
For Elevated Installation >40', Add	9.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.93	
26 05 33 13-0739 EA 2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	34.93	8.26
For Work In Restricted Working Space, Add	6.16	
For Elevated Installation >10' To 15', Add	2.05	
For Elevated Installation >15' To 20', Add	4.11	
For Elevated Installation >20' To 25', Add	5.14	
For Elevated Installation >25' To 30', Add	7.19	
For Elevated Installation >30' To 35', Add	8.22	
For Elevated Installation >35' To 40', Add	10.27	
For Elevated Installation >40', Add	11.30	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.16	
<b>26 05 33 13-0740 Intermediate Metal Conduit (IMC) <small>(26 05 33 13-0059)</small></b>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-0741 Intermediate Metal Conduit (IMC) Conduit <small>(26 05 33 13-0740)</small></b>		
Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".		
26 05 33 13-0742 LF 1/2" Intermediate Metal Conduit (IMC) Conduit .....	8.15	2.12
For >250 To 500, Deduct	-0.13	
For >500 To 1,000, Deduct	-0.20	
For >1,000, Deduct	-0.27	
For Installation In Metal Stud Wall, Add	0.55	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.38	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.83	
For Work In Restricted Working Space, Add	1.65	
For Elevated Installation >10' To 15', Add	0.55	
For Elevated Installation >15' To 20', Add	1.10	
For Elevated Installation >20' To 25', Add	1.38	
For Elevated Installation >25' To 30', Add	1.93	
For Elevated Installation >30' To 35', Add	2.20	
For Elevated Installation >35' To 40', Add	2.75	
For Elevated Installation >40', Add	3.03	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0743	LF	3/4" Intermediate Metal Conduit (IMC) Conduit .....	9.73	2.33
			For >250 To 500, Deduct	-0.16	
			For >500 To 1,000, Deduct	-0.24	
			For >1,000, Deduct	-0.32	
			For Installation In Metal Stud Wall, Add	0.66	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.64	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.99	
			For Work In Restricted Working Space, Add	1.97	
			For Elevated Installation >10' To 15', Add	0.66	
			For Elevated Installation >15' To 20', Add	1.31	
			For Elevated Installation >20' To 25', Add	1.64	
			For Elevated Installation >25' To 30', Add	2.30	
			For Elevated Installation >30' To 35', Add	2.63	
			For Elevated Installation >35' To 40', Add	3.29	
			For Elevated Installation >40', Add	3.61	
26 05 33	13-0744	LF	1" Intermediate Metal Conduit (IMC) Conduit .....	13.13	2.54
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.37	
			For >1,000, Deduct	-0.49	
			For Installation In Metal Stud Wall, Add	0.83	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.07	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.24	
			For Work In Restricted Working Space, Add	2.48	
			For Elevated Installation >10' To 15', Add	0.83	
			For Elevated Installation >15' To 20', Add	1.65	
			For Elevated Installation >20' To 25', Add	2.07	
			For Elevated Installation >25' To 30', Add	2.89	
			For Elevated Installation >30' To 35', Add	3.30	
			For Elevated Installation >35' To 40', Add	4.13	
			For Elevated Installation >40', Add	4.54	
26 05 33	13-0745	LF	1-1/4" Intermediate Metal Conduit (IMC) Conduit .....	15.27	5.08
			For >250 To 500, Deduct	-0.31	
			For >500 To 1,000, Deduct	-0.46	
			For >1,000, Deduct	-0.62	
			For Installation In Metal Stud Wall, Add	0.91	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.28	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.37	
			For Work In Restricted Working Space, Add	2.73	
			For Elevated Installation >10' To 15', Add	0.91	
			For Elevated Installation >15' To 20', Add	1.82	
			For Elevated Installation >20' To 25', Add	2.28	
			For Elevated Installation >25' To 30', Add	3.19	
			For Elevated Installation >30' To 35', Add	3.64	
			For Elevated Installation >35' To 40', Add	4.55	
			For Elevated Installation >40', Add	5.01	
26 05 33	13-0746	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit .....	17.25	3.39
			For >250 To 500, Deduct	-0.36	
			For >500 To 1,000, Deduct	-0.55	
			For >1,000, Deduct	-0.73	
			For Installation In Metal Stud Wall, Add	1.00	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.49	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.49	
			For Work In Restricted Working Space, Add	2.99	
			For Elevated Installation >10' To 15', Add	1.00	
			For Elevated Installation >15' To 20', Add	1.99	
			For Elevated Installation >20' To 25', Add	2.49	
			For Elevated Installation >25' To 30', Add	3.49	
			For Elevated Installation >30' To 35', Add	3.98	
			For Elevated Installation >35' To 40', Add	4.98	
			For Elevated Installation >40', Add	5.48	
26 05 33	13-0747	LF	2" Intermediate Metal Conduit (IMC) Conduit .....	21.96	3.81
			For >250 To 500, Deduct	-0.49	
			For >500 To 1,000, Deduct	-0.74	
			For >1,000, Deduct	-0.99	
			For Installation In Metal Stud Wall, Add	1.21	
			For Installation In Wood Stud Wall (Includes Drilling), Add	3.02	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.81	
			For Work In Restricted Working Space, Add	3.62	
			For Elevated Installation >10' To 15', Add	1.21	
			For Elevated Installation >15' To 20', Add	2.41	
			For Elevated Installation >20' To 25', Add	3.02	
			For Elevated Installation >25' To 30', Add	4.22	
			For Elevated Installation >30' To 35', Add	4.83	
			For Elevated Installation >35' To 40', Add	6.04	
			For Elevated Installation >40', Add	6.64	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0748 LF 2-1/2" Intermediate Metal Conduit (IMC) Conduit .....	37.90	5.08
For >250 To 500, Deduct	-1.10	
For >500 To 1,000, Deduct	-1.64	
For >1,000, Deduct	-2.19	
For Installation In Metal Stud Wall, Add	1.60	
For Installation In Wood Stud Wall (Includes Drilling), Add	4.00	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.40	
For Work In Restricted Working Space, Add	4.80	
For Elevated Installation >10' To 15', Add	1.60	
For Elevated Installation >15' To 20', Add	3.20	
For Elevated Installation >20' To 25', Add	4.00	
For Elevated Installation >25' To 30', Add	5.60	
For Elevated Installation >30' To 35', Add	6.40	
For Elevated Installation >35' To 40', Add	8.00	
For Elevated Installation >40', Add	8.79	
26 05 33 13-0749 LF 3" Intermediate Metal Conduit (IMC) Conduit .....	48.15	6.36
For >250 To 500, Deduct	-1.35	
For >500 To 1,000, Deduct	-2.02	
For >1,000, Deduct	-2.70	
For Installation In Metal Stud Wall, Add	2.12	
For Installation In Wood Stud Wall (Includes Drilling), Add	5.30	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.18	
For Work In Restricted Working Space, Add	6.35	
For Elevated Installation >10' To 15', Add	2.12	
For Elevated Installation >15' To 20', Add	4.24	
For Elevated Installation >20' To 25', Add	5.30	
For Elevated Installation >25' To 30', Add	7.41	
For Elevated Installation >30' To 35', Add	8.47	
For Elevated Installation >35' To 40', Add	10.59	
For Elevated Installation >40', Add	11.65	
26 05 33 13-0750 LF 3-1/2" Intermediate Metal Conduit (IMC) Conduit .....	55.48	7.62
For >250 To 500, Deduct	-1.56	
For >500 To 1,000, Deduct	-2.34	
For >1,000, Deduct	-3.12	
For Installation In Metal Stud Wall, Add	2.42	
For Installation In Wood Stud Wall (Includes Drilling), Add	6.06	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.64	
For Work In Restricted Working Space, Add	7.27	
For Elevated Installation >10' To 15', Add	2.42	
For Elevated Installation >15' To 20', Add	4.85	
For Elevated Installation >20' To 25', Add	6.06	
For Elevated Installation >25' To 30', Add	8.48	
For Elevated Installation >30' To 35', Add	9.70	
For Elevated Installation >35' To 40', Add	12.12	
For Elevated Installation >40', Add	13.33	
26 05 33 13-0751 LF 4" Intermediate Metal Conduit (IMC) Conduit .....	65.05	8.89
For >250 To 500, Deduct	-1.84	
For >500 To 1,000, Deduct	-2.76	
For >1,000, Deduct	-3.68	
For Installation In Metal Stud Wall, Add	2.83	
For Installation In Wood Stud Wall (Includes Drilling), Add	7.07	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.24	
For Work In Restricted Working Space, Add	8.48	
For Elevated Installation >10' To 15', Add	2.83	
For Elevated Installation >15' To 20', Add	5.66	
For Elevated Installation >20' To 25', Add	7.07	
For Elevated Installation >25' To 30', Add	9.90	
For Elevated Installation >30' To 35', Add	11.31	
For Elevated Installation >35' To 40', Add	14.14	
For Elevated Installation >40', Add	15.55	
<b>26 05 33 13-0752 Intermediate Metal Conduit (IMC) 90 Degree Elbows</b> <small>(26 05 33 13-0740)</small>		
See CSI section 26 05 33 13-2314 for conduit field bending.		
26 05 33 13-0753 EA 1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	37.91	10.49
For Work In Restricted Working Space, Add	7.89	
For Elevated Installation >10' To 15', Add	2.63	
For Elevated Installation >15' To 20', Add	5.26	
For Elevated Installation >20' To 25', Add	6.57	
For Elevated Installation >25' To 30', Add	9.20	
For Elevated Installation >30' To 35', Add	10.52	
For Elevated Installation >35' To 40', Add	13.15	
For Elevated Installation >40', Add	14.46	
26 05 33 13-0754 EA 3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	45.73	13.02
For Work In Restricted Working Space, Add	9.81	
For Elevated Installation >10' To 15', Add	3.27	
For Elevated Installation >15' To 20', Add	6.54	
For Elevated Installation >20' To 25', Add	8.17	
For Elevated Installation >25' To 30', Add	11.44	
For Elevated Installation >30' To 35', Add	13.08	
For Elevated Installation >35' To 40', Add	16.35	
For Elevated Installation >40', Add	17.98	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0755	EA	1" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	58.40	15.99
			<i>For Work In Restricted Working Space, Add</i>	11.96	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.99	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.97	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.97	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.95	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.95	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.94	
			<i>For Elevated Installation &gt;40', Add</i>	21.93	
26 05 33	13-0756	EA	1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	72.26	18.53
			<i>For Work In Restricted Working Space, Add</i>	13.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.63	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.26	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.51	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.14	
			<i>For Elevated Installation &gt;40', Add</i>	25.45	
26 05 33	13-0757	EA	1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	85.99	21.29
			<i>For Work In Restricted Working Space, Add</i>	15.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.31	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.63	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.28	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.25	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.57	
			<i>For Elevated Installation &gt;40', Add</i>	29.22	
26 05 33	13-0758	EA	2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	105.74	23.40
			<i>For Work In Restricted Working Space, Add</i>	17.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.84	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.69	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.61	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.45	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.38	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.22	
			<i>For Elevated Installation &gt;40', Add</i>	32.14	
26 05 33	13-0759	EA	2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	153.37	29.23
			<i>For Work In Restricted Working Space, Add</i>	21.92	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.31	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.57	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.53	
			<i>For Elevated Installation &gt;40', Add</i>	40.18	
26 05 33	13-0760	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	222.48	39.82
			<i>For Work In Restricted Working Space, Add</i>	29.86	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.95	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.90	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	24.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	34.83	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	39.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	49.76	
			<i>For Elevated Installation &gt;40', Add</i>	54.74	
26 05 33	13-0761	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	329.34	44.90
			<i>For Work In Restricted Working Space, Add</i>	33.68	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.45	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	28.07	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	39.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.90	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	56.13	
			<i>For Elevated Installation &gt;40', Add</i>	61.74	
26 05 33	13-0762	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow .....	397.91	58.46
			<i>For Work In Restricted Working Space, Add</i>	43.83	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.14	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.44	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	73.05	
			<i>For Elevated Installation &gt;40', Add</i>	80.36	
<b>26 05 33</b>	<b>13-0763</b>		<b>Intermediate Metal Conduit (IMC) Bushing Sets With Locknut</b> <small>(26 05 33 13-0740)</small>		
26 05 33	13-0764	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	14.57	5.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-0765	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	17.26	0.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0766	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	22.41	8.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.04	
26 05 33	13-0767	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	27.41	9.75
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.31	
26 05 33	13-0768	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	30.83	10.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0769 EA 2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	40.01	13.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.85	
26 05 33 13-0770 EA 2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut .....	75.33	21.18
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
26 05 33 13-0771 EA 3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	91.92	28.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.60	
26 05 33 13-0772 EA 3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut .....	121.76	34.31
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.73	
26 05 33 13-0773 EA 4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	144.05	39.82
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.86	
<b>26 05 33 13-0774 Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings</b> <small>(26 05 33 13-0740)</small>		
<i>Note: 3-Piece coupling.</i>		
26 05 33 13-0775 EA 1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	48.63	16.94
For Work In Restricted Working Space, Add	12.72	
For Elevated Installation >10' To 15', Add	4.24	
For Elevated Installation >15' To 20', Add	8.48	
For Elevated Installation >20' To 25', Add	10.60	
For Elevated Installation >25' To 30', Add	14.84	
For Elevated Installation >30' To 35', Add	16.96	
For Elevated Installation >35' To 40', Add	21.20	
For Elevated Installation >40', Add	23.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.72	
26 05 33 13-0776 EA 3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	55.35	18.95
For Work In Restricted Working Space, Add	14.20	
For Elevated Installation >10' To 15', Add	4.73	
For Elevated Installation >15' To 20', Add	9.47	
For Elevated Installation >20' To 25', Add	11.83	
For Elevated Installation >25' To 30', Add	16.57	
For Elevated Installation >30' To 35', Add	18.93	
For Elevated Installation >35' To 40', Add	23.67	
For Elevated Installation >40', Add	26.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.20	
26 05 33 13-0777 EA 1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	68.20	21.08
For Work In Restricted Working Space, Add	15.82	
For Elevated Installation >10' To 15', Add	5.27	
For Elevated Installation >15' To 20', Add	10.54	
For Elevated Installation >20' To 25', Add	13.18	
For Elevated Installation >25' To 30', Add	18.45	
For Elevated Installation >30' To 35', Add	21.09	
For Elevated Installation >35' To 40', Add	26.36	
For Elevated Installation >40', Add	29.00	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.82	
26 05 33 13-0778 EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	86.16	23.08
For Work In Restricted Working Space, Add	17.31	
For Elevated Installation >10' To 15', Add	5.77	
For Elevated Installation >15' To 20', Add	11.54	
For Elevated Installation >20' To 25', Add	14.42	
For Elevated Installation >25' To 30', Add	20.19	
For Elevated Installation >30' To 35', Add	23.08	
For Elevated Installation >35' To 40', Add	28.85	
For Elevated Installation >40', Add	31.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.31	
26 05 33 13-0779 EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	98.85	25.20
For Work In Restricted Working Space, Add	18.94	
For Elevated Installation >10' To 15', Add	6.31	
For Elevated Installation >15' To 20', Add	12.62	
For Elevated Installation >20' To 25', Add	15.78	
For Elevated Installation >25' To 30', Add	22.09	
For Elevated Installation >30' To 35', Add	25.25	
For Elevated Installation >35' To 40', Add	31.56	
For Elevated Installation >40', Add	34.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.94	
26 05 33 13-0780 EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	139.80	27.32
For Work In Restricted Working Space, Add	20.51	
For Elevated Installation >10' To 15', Add	6.84	
For Elevated Installation >15' To 20', Add	13.67	
For Elevated Installation >20' To 25', Add	17.09	
For Elevated Installation >25' To 30', Add	23.92	
For Elevated Installation >30' To 35', Add	27.34	
For Elevated Installation >35' To 40', Add	34.18	
For Elevated Installation >40', Add	37.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.51	
26 05 33 13-0781 EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting .....	237.55	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0782	EA	3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	338.98	42.35
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	
26 05 33	13-0783	EA	3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	501.58	50.83
			<i>For Work In Restricted Working Space, Add</i>	38.13	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.78	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.84	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.56	
			<i>For Elevated Installation &gt;40', Add</i>	69.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.13	
26 05 33	13-0784	EA	4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	580.89	55.07
			<i>For Work In Restricted Working Space, Add</i>	41.29	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.76	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	27.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	34.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	48.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	55.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	68.82	
			<i>For Elevated Installation &gt;40', Add</i>	75.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
<b>26 05 33 13-0785 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors</b> <small>(26 05 33 13-0740)</small>					
26 05 33	13-0786	EA	1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	27.96	8.47
			<i>For Work In Restricted Working Space, Add</i>	6.35	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
			<i>For Elevated Installation &gt;40', Add</i>	11.65	
26 05 33	13-0787	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	31.31	9.31
			<i>For Work In Restricted Working Space, Add</i>	6.99	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
			<i>For Elevated Installation &gt;40', Add</i>	12.81	
26 05 33	13-0788	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	36.02	10.59
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
26 05 33	13-0789	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	41.20	11.44
			<i>For Work In Restricted Working Space, Add</i>	8.58	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.86	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.72	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.15	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.01	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	11.44	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	14.30	
			<i>For Elevated Installation &gt;40', Add</i>	15.72	
26 05 33	13-0790	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	49.34	12.70
			<i>For Work In Restricted Working Space, Add</i>	9.53	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
			<i>For Elevated Installation &gt;40', Add</i>	17.47	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0791 EA 2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector .....	60.92	13.98
<i>For Work In Restricted Working Space, Add</i>	10.48	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.49	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.74	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.23	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.47	
<i>For Elevated Installation &gt;40', Add</i>	19.22	
26 05 33 13-0792 EA 2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector .....	84.00	16.94
<i>For Work In Restricted Working Space, Add</i>	12.71	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
<i>For Elevated Installation &gt;40', Add</i>	23.29	
26 05 33 13-0793 EA 3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector .....	103.76	21.18
<i>For Work In Restricted Working Space, Add</i>	15.88	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
<i>For Elevated Installation &gt;40', Add</i>	29.12	
26 05 33 13-0794 EA 3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector .....	124.67	25.42
<i>For Work In Restricted Working Space, Add</i>	19.06	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33 13-0795 EA 4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector .....	141.43	27.53
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.77	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.42	
<i>For Elevated Installation &gt;40', Add</i>	37.86	
<b>26 05 33 13-0796 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs <small>(26 05 33 13-0740)</small></b>		
26 05 33 13-0797 EA 1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	24.01	8.47
<i>For Work In Restricted Working Space, Add</i>	6.35	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.12	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.24	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.41	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.47	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.59	
<i>For Elevated Installation &gt;40', Add</i>	11.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.35	
26 05 33 13-0798 EA 3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	30.71	10.59
<i>For Work In Restricted Working Space, Add</i>	7.94	
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
<i>For Elevated Installation &gt;40', Add</i>	14.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-0799 EA 1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub .....	38.03	12.70
<i>For Work In Restricted Working Space, Add</i>	9.53	
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
<i>For Elevated Installation &gt;40', Add</i>	17.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.53	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
26 05 33	13-0800	EA	1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.94 11.12 3.71 7.41 9.27 12.97 14.83 18.54 20.39 11.12	14.82	
26 05 33	13-0801	EA	1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.78 12.71 4.24 8.47 10.59 14.82 16.94 21.18 23.29 12.71	16.94	
26 05 33	13-0802	EA	2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.16 14.30 4.77 9.53 11.91 16.68 19.06 23.83 26.21 14.30	19.06	
26 05 33	13-0803	EA	2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.60 15.88 5.29 10.59 13.24 18.53 21.18 26.47 29.12 15.88	21.18	
26 05 33	13-0804	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.49 17.47 5.82 11.65 14.56 20.38 23.29 29.12 32.03 17.47	23.29	
26 05 33	13-0805	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.13 20.65 6.88 13.77 17.21 24.09 27.53 34.42 37.86 20.65	27.53	
26 05 33	13-0806	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.07 22.24 7.41 14.82 18.53 25.94 29.65 37.06 40.77 22.24	29.65	
26 05 33	13-0807	<b>Intermediate Metal Conduit (IMC) Expansion Fittings</b> (26 05 33 13-0740)				
26 05 33	13-0808	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting ..... <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i>	164.63 12.71 4.24 8.47 10.59 14.83 16.94 21.18 23.30	16.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0809 EA 3/4" Intermediate Metal Conduit (IMC) Expansion Fitting .....	182.15	19.06
<i>For Work In Restricted Working Space, Add</i>	14.30	
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
<i>For Elevated Installation &gt;40', Add</i>	26.21	
26 05 33 13-0810 EA 1" Intermediate Metal Conduit (IMC) Expansion Fitting .....	202.43	21.18
<i>For Work In Restricted Working Space, Add</i>	15.89	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.30	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.48	
<i>For Elevated Installation &gt;40', Add</i>	29.12	
26 05 33 13-0811 EA 1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting .....	244.71	23.29
<i>For Work In Restricted Working Space, Add</i>	17.47	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
<i>For Elevated Installation &gt;30' To 35', Add</i>	23.30	
<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
<i>For Elevated Installation &gt;40', Add</i>	32.03	
26 05 33 13-0812 EA 1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	300.05	25.42
<i>For Work In Restricted Working Space, Add</i>	19.06	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
<i>For Elevated Installation &gt;40', Add</i>	34.94	
26 05 33 13-0813 EA 2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	394.99	27.53
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
26 05 33 13-0814 EA 2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	597.04	33.88
<i>For Work In Restricted Working Space, Add</i>	25.41	
<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
<i>For Elevated Installation &gt;40', Add</i>	46.59	
26 05 33 13-0815 EA 3" Intermediate Metal Conduit (IMC) Expansion Fitting .....	717.64	42.35
<i>For Work In Restricted Working Space, Add</i>	31.77	
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
<i>For Elevated Installation &gt;40', Add</i>	58.24	
26 05 33 13-0816 EA 3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting .....	1,001.04	50.83
<i>For Work In Restricted Working Space, Add</i>	38.12	
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
<i>For Elevated Installation &gt;15' To 20', Add</i>	25.42	
<i>For Elevated Installation &gt;20' To 25', Add</i>	31.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	44.48	
<i>For Elevated Installation &gt;30' To 35', Add</i>	50.83	
<i>For Elevated Installation &gt;35' To 40', Add</i>	63.54	
<i>For Elevated Installation &gt;40', Add</i>	69.89	
26 05 33 13-0817 EA 4" Intermediate Metal Conduit (IMC) Expansion Fitting .....	1,158.02	55.07
<i>For Work In Restricted Working Space, Add</i>	41.29	
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.76	
<i>For Elevated Installation &gt;15' To 20', Add</i>	27.53	
<i>For Elevated Installation &gt;20' To 25', Add</i>	34.41	
<i>For Elevated Installation &gt;25' To 30', Add</i>	48.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	55.06	
<i>For Elevated Installation &gt;35' To 40', Add</i>	68.82	
<i>For Elevated Installation &gt;40', Add</i>	75.70	
26 05 33 13-0818 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0740)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0819	EA	1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	99.99	26.47
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.88	
26 05 33	13-0820	EA	3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	118.79	31.76
			<i>For Work In Restricted Working Space, Add</i>	19.06	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
			<i>For Elevated Installation &gt;40', Add</i>	34.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.06	
26 05 33	13-0821	EA	1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	145.14	37.06
			<i>For Work In Restricted Working Space, Add</i>	22.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.06	
			<i>For Elevated Installation &gt;40', Add</i>	40.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.24	
26 05 33	13-0822	EA	1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	170.95	42.35
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33	13-0823	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	225.14	47.65
			<i>For Work In Restricted Working Space, Add</i>	28.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.83	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.36	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	38.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.65	
			<i>For Elevated Installation &gt;40', Add</i>	52.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.59	
26 05 33	13-0824	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	274.12	52.94
			<i>For Work In Restricted Working Space, Add</i>	31.77	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	26.47	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	37.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	42.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	52.95	
			<i>For Elevated Installation &gt;40', Add</i>	58.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	
26 05 33	13-0825	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	388.44	63.53
			<i>For Work In Restricted Working Space, Add</i>	38.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.47	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.54	
			<i>For Elevated Installation &gt;40', Add</i>	69.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.12	
26 05 33	13-0826	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	467.52	74.12
			<i>For Work In Restricted Working Space, Add</i>	44.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	37.06	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.88	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	59.30	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	74.12	
			<i>For Elevated Installation &gt;40', Add</i>	81.53	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.47	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0827 EA 3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,090.24	84.71
For Work In Restricted Working Space, Add	50.83	
For Elevated Installation >10' To 15', Add	16.94	
For Elevated Installation >15' To 20', Add	33.88	
For Elevated Installation >20' To 25', Add	42.36	
For Elevated Installation >25' To 30', Add	59.30	
For Elevated Installation >30' To 35', Add	67.77	
For Elevated Installation >35' To 40', Add	84.71	
For Elevated Installation >40', Add	93.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.83	
26 05 33 13-0828 EA 4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,256.31	95.30
For Work In Restricted Working Space, Add	57.18	
For Elevated Installation >10' To 15', Add	19.06	
For Elevated Installation >15' To 20', Add	38.12	
For Elevated Installation >20' To 25', Add	47.65	
For Elevated Installation >25' To 30', Add	66.71	
For Elevated Installation >30' To 35', Add	76.24	
For Elevated Installation >35' To 40', Add	95.30	
For Elevated Installation >40', Add	104.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.18	
<b>26 05 33 13-0829 Intermediate Metal Conduit (IMC) Threaded Couplings</b> <small>(26 05 33 13-0740)</small>		
26 05 33 13-0830 EA 1/2" Intermediate Metal Conduit (IMC) Threaded Coupling .....	14.31	5.08
For Work In Restricted Working Space, Add	3.81	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.54	
For Elevated Installation >20' To 25', Add	3.18	
For Elevated Installation >25' To 30', Add	4.45	
For Elevated Installation >30' To 35', Add	5.08	
For Elevated Installation >35' To 40', Add	6.35	
For Elevated Installation >40', Add	6.99	
26 05 33 13-0831 EA 3/4" Intermediate Metal Conduit (IMC) Threaded Coupling .....	19.96	7.20
For Work In Restricted Working Space, Add	5.40	
For Elevated Installation >10' To 15', Add	1.80	
For Elevated Installation >15' To 20', Add	3.60	
For Elevated Installation >20' To 25', Add	4.50	
For Elevated Installation >25' To 30', Add	6.30	
For Elevated Installation >30' To 35', Add	7.20	
For Elevated Installation >35' To 40', Add	9.01	
For Elevated Installation >40', Add	9.91	
26 05 33 13-0832 EA 1" Intermediate Metal Conduit (IMC) Threaded Coupling .....	26.18	9.31
For Work In Restricted Working Space, Add	6.98	
For Elevated Installation >10' To 15', Add	2.33	
For Elevated Installation >15' To 20', Add	4.66	
For Elevated Installation >20' To 25', Add	5.82	
For Elevated Installation >25' To 30', Add	8.15	
For Elevated Installation >30' To 35', Add	9.31	
For Elevated Installation >35' To 40', Add	11.64	
For Elevated Installation >40', Add	12.80	
26 05 33 13-0833 EA 1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling .....	30.11	10.59
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.30	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.27	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
26 05 33 13-0834 EA 1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling .....	36.34	12.70
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.11	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.46	
26 05 33 13-0835 EA 2" Intermediate Metal Conduit (IMC) Threaded Coupling .....	42.06	14.40
For Work In Restricted Working Space, Add	10.81	
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.01	
For Elevated Installation >25' To 30', Add	12.61	
For Elevated Installation >30' To 35', Add	14.41	
For Elevated Installation >35' To 40', Add	18.01	
For Elevated Installation >40', Add	19.81	
26 05 33 13-0836 EA 2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling .....	53.60	16.09
For Work In Restricted Working Space, Add	12.07	
For Elevated Installation >10' To 15', Add	4.02	
For Elevated Installation >15' To 20', Add	8.05	
For Elevated Installation >20' To 25', Add	10.06	
For Elevated Installation >25' To 30', Add	14.08	
For Elevated Installation >30' To 35', Add	16.09	
For Elevated Installation >35' To 40', Add	20.12	
For Elevated Installation >40', Add	22.13	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0837	EA	3" Intermediate Metal Conduit (IMC) Threaded Coupling .....	63.80	18.21
			<i>For Work In Restricted Working Space, Add</i>	13.66	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.55	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.39	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	15.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	22.77	
			<i>For Elevated Installation &gt;40', Add</i>	25.05	
26 05 33	13-0838	EA	3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling .....	74.20	19.90
			<i>For Work In Restricted Working Space, Add</i>	14.93	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.98	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.96	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.45	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.91	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.89	
			<i>For Elevated Installation &gt;40', Add</i>	27.38	
26 05 33	13-0839	EA	4" Intermediate Metal Conduit (IMC) Threaded Coupling .....	77.54	21.18
			<i>For Work In Restricted Working Space, Add</i>	15.88	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.23	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	21.17	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
			<i>For Elevated Installation &gt;40', Add</i>	29.11	
<b>26 05 33</b>	<b>13-0840</b>		<b>Intermediate Metal Conduit (IMC) Reducer Bushings</b> <small>(26 05 33 13-0740)</small>		
26 05 33	13-0841	EA	1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing .....	7.09	2.12
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
26 05 33	13-0842	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing .....	8.12	2.12
			<i>For Work In Restricted Working Space, Add</i>	1.59	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	1.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	2.65	
			<i>For Elevated Installation &gt;40', Add</i>	2.91	
<b>26 05 33</b>	<b>13-0843</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit</b> <small>(26 05 33 13-0059)</small>		
			Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
<b>26 05 33</b>	<b>13-0844</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit</b> <small>(26 05 33 13-0843)</small>		
			Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".		
26 05 33	13-0845	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit .....	13.09	2.97
			<i>For &gt;250 To 500, Deduct</i>	-0.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.80	
			<i>For &gt;1,000, Deduct</i>	-1.12	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.74	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.48	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	1.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	2.96	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	3.71	
			<i>For Elevated Installation &gt;40', Add</i>	4.08	
			<i>For Work In Restricted Working Space, Add</i>	2.22	
26 05 33	13-0846	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit .....	15.04	3.39
			<i>For &gt;250 To 500, Deduct</i>	-0.54	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.92	
			<i>For &gt;1,000, Deduct</i>	-1.29	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	0.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	1.69	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	2.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	2.96	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	3.39	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	4.24	
			<i>For Elevated Installation &gt;40', Add</i>	4.66	
			<i>For Work In Restricted Working Space, Add</i>	2.54	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0847 LF 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	19.11	4.23
For >250 To 500, Deduct	-0.69	
For >500 To 1,000, Deduct	-1.17	
For >1,000, Deduct	-1.65	
For Elevated Installation >10' To 15', Add	1.06	
For Elevated Installation >15' To 20', Add	2.12	
For Elevated Installation >20' To 25', Add	2.65	
For Elevated Installation >25' To 30', Add	3.71	
For Elevated Installation >30' To 35', Add	4.24	
For Elevated Installation >35' To 40', Add	5.30	
For Elevated Installation >40', Add	5.82	
For Work In Restricted Working Space, Add	3.18	
26 05 33 13-0848 LF 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	23.50	5.08
For >250 To 500, Deduct	-0.86	
For >500 To 1,000, Deduct	-1.45	
For >1,000, Deduct	-2.03	
For Elevated Installation >10' To 15', Add	1.27	
For Elevated Installation >15' To 20', Add	2.54	
For Elevated Installation >20' To 25', Add	3.18	
For Elevated Installation >25' To 30', Add	4.45	
For Elevated Installation >30' To 35', Add	5.08	
For Elevated Installation >35' To 40', Add	6.35	
For Elevated Installation >40', Add	6.99	
For Work In Restricted Working Space, Add	3.81	
26 05 33 13-0849 LF 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	29.00	6.36
For >250 To 500, Deduct	-1.05	
For >500 To 1,000, Deduct	-1.78	
For >1,000, Deduct	-2.50	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.18	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.56	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Work In Restricted Working Space, Add	4.76	
26 05 33 13-0850 LF 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	36.16	7.62
For >250 To 500, Deduct	-1.33	
For >500 To 1,000, Deduct	-2.24	
For >1,000, Deduct	-3.14	
For Elevated Installation >10' To 15', Add	1.91	
For Elevated Installation >15' To 20', Add	3.81	
For Elevated Installation >20' To 25', Add	4.77	
For Elevated Installation >25' To 30', Add	6.67	
For Elevated Installation >30' To 35', Add	7.62	
For Elevated Installation >35' To 40', Add	9.53	
For Elevated Installation >40', Add	10.48	
For Work In Restricted Working Space, Add	5.72	
26 05 33 13-0851 LF 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	48.17	8.89
For >250 To 500, Deduct	-1.85	
For >500 To 1,000, Deduct	-3.06	
For >1,000, Deduct	-4.26	
For Elevated Installation >10' To 15', Add	2.22	
For Elevated Installation >15' To 20', Add	4.45	
For Elevated Installation >20' To 25', Add	5.56	
For Elevated Installation >25' To 30', Add	7.78	
For Elevated Installation >30' To 35', Add	8.90	
For Elevated Installation >35' To 40', Add	11.12	
For Elevated Installation >40', Add	12.23	
For Work In Restricted Working Space, Add	6.67	
26 05 33 13-0852 LF 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	60.23	11.01
For >250 To 500, Deduct	-2.32	
For >500 To 1,000, Deduct	-3.83	
For >1,000, Deduct	-5.33	
For Elevated Installation >10' To 15', Add	2.75	
For Elevated Installation >15' To 20', Add	5.51	
For Elevated Installation >20' To 25', Add	6.88	
For Elevated Installation >25' To 30', Add	9.64	
For Elevated Installation >30' To 35', Add	11.01	
For Elevated Installation >35' To 40', Add	13.77	
For Elevated Installation >40', Add	15.14	
For Work In Restricted Working Space, Add	8.26	
26 05 33 13-0853 LF 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	73.88	13.56
For >250 To 500, Deduct	-2.85	
For >500 To 1,000, Deduct	-4.69	
For >1,000, Deduct	-6.54	
For Elevated Installation >10' To 15', Add	3.39	
For Elevated Installation >15' To 20', Add	6.78	
For Elevated Installation >20' To 25', Add	8.47	
For Elevated Installation >25' To 30', Add	11.86	
For Elevated Installation >30' To 35', Add	13.55	
For Elevated Installation >35' To 40', Add	16.94	
For Elevated Installation >40', Add	18.63	
For Work In Restricted Working Space, Add	10.16	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0854	LF 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	87.40	16.09
	<i>For &gt;250 To 500, Deduct</i>	-3.36	
	<i>For &gt;500 To 1,000, Deduct</i>	-5.55	
	<i>For &gt;1,000, Deduct</i>	-7.73	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.02	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	8.05	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	10.06	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	14.08	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	16.10	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	20.12	
	<i>For Elevated Installation &gt;40', Add</i>	22.13	
	<i>For Work In Restricted Working Space, Add</i>	12.07	
26 05 33 13-0855	LF 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	131.22	19.06
	<i>For &gt;250 To 500, Deduct</i>	-5.37	
	<i>For &gt;500 To 1,000, Deduct</i>	-8.65	
	<i>For &gt;1,000, Deduct</i>	-11.93	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	4.77	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	9.53	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	11.91	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	16.68	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	19.06	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	23.83	
	<i>For Elevated Installation &gt;40', Add</i>	26.21	
	<i>For Work In Restricted Working Space, Add</i>	14.30	
26 05 33 13-0856	LF 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	178.06	25.42
	<i>For &gt;250 To 500, Deduct</i>	-7.31	
	<i>For &gt;500 To 1,000, Deduct</i>	-11.77	
	<i>For &gt;1,000, Deduct</i>	-16.22	
	<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
	<i>For Elevated Installation &gt;40', Add</i>	34.94	
	<i>For Work In Restricted Working Space, Add</i>	19.06	
<b>26 05 33 13-0857 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings</b> <small>(26 05 33 13-0843)</small>			
26 05 33 13-0858	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	18.69	6.36
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.27	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	2.54	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.18	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	4.45	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	5.08	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	6.35	
	<i>For Elevated Installation &gt;40', Add</i>	6.99	
	<i>For Work In Restricted Working Space, Add</i>	3.81	
26 05 33 13-0859	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	24.28	9.00
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.80	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.60	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.50	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.30	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.20	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	9.00	
	<i>For Elevated Installation &gt;40', Add</i>	9.90	
	<i>For Work In Restricted Working Space, Add</i>	5.40	
26 05 33 13-0860	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	31.44	11.65
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.33	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.66	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.82	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	8.15	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	9.32	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	11.65	
	<i>For Elevated Installation &gt;40', Add</i>	12.81	
	<i>For Work In Restricted Working Space, Add</i>	6.99	
26 05 33 13-0861	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	35.98	13.24
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
	<i>For Elevated Installation &gt;40', Add</i>	14.56	
	<i>For Work In Restricted Working Space, Add</i>	7.94	
26 05 33 13-0862	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	43.06	15.88
	<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
	<i>For Elevated Installation &gt;40', Add</i>	17.47	
	<i>For Work In Restricted Working Space, Add</i>	9.53	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0863 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	52.55	18.00
For Elevated Installation >10' To 15', Add	3.60	
For Elevated Installation >15' To 20', Add	7.20	
For Elevated Installation >20' To 25', Add	9.00	
For Elevated Installation >25' To 30', Add	12.60	
For Elevated Installation >30' To 35', Add	14.40	
For Elevated Installation >35' To 40', Add	18.01	
For Elevated Installation >40', Add	19.81	
For Work In Restricted Working Space, Add	10.80	
26 05 33 13-0864 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	81.19	18.00
For Elevated Installation >10' To 15', Add	4.02	
For Elevated Installation >15' To 20', Add	8.05	
For Elevated Installation >20' To 25', Add	10.06	
For Elevated Installation >25' To 30', Add	14.08	
For Elevated Installation >30' To 35', Add	16.10	
For Elevated Installation >35' To 40', Add	20.12	
For Elevated Installation >40', Add	22.13	
For Work In Restricted Working Space, Add	12.07	
26 05 33 13-0865 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	95.26	24.89
For Elevated Installation >10' To 15', Add	4.55	
For Elevated Installation >15' To 20', Add	9.11	
For Elevated Installation >20' To 25', Add	11.38	
For Elevated Installation >25' To 30', Add	15.94	
For Elevated Installation >30' To 35', Add	18.21	
For Elevated Installation >35' To 40', Add	22.77	
For Elevated Installation >40', Add	25.04	
For Work In Restricted Working Space, Add	13.66	
26 05 33 13-0866 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	113.57	24.89
For Elevated Installation >10' To 15', Add	4.98	
For Elevated Installation >15' To 20', Add	9.95	
For Elevated Installation >20' To 25', Add	12.44	
For Elevated Installation >25' To 30', Add	17.42	
For Elevated Installation >30' To 35', Add	19.91	
For Elevated Installation >35' To 40', Add	24.89	
For Elevated Installation >40', Add	27.37	
For Work In Restricted Working Space, Add	14.93	
26 05 33 13-0867 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	127.54	26.47
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Work In Restricted Working Space, Add	15.88	
26 05 33 13-0868 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	306.61	31.76
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.71	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.24	
For Elevated Installation >30' To 35', Add	25.41	
For Elevated Installation >35' To 40', Add	31.77	
For Elevated Installation >40', Add	34.94	
For Work In Restricted Working Space, Add	19.06	
26 05 33 13-0869 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling.....	345.65	37.06
For Elevated Installation >10' To 15', Add	7.41	
For Elevated Installation >15' To 20', Add	14.82	
For Elevated Installation >20' To 25', Add	18.53	
For Elevated Installation >25' To 30', Add	25.94	
For Elevated Installation >30' To 35', Add	29.65	
For Elevated Installation >35' To 40', Add	37.06	
For Elevated Installation >40', Add	40.77	
For Work In Restricted Working Space, Add	22.24	
<b>26 05 33 13-0870 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows <small>(26 05 33 13-0843)</small></b>		
Note: 90, 45, or 30-degree.		
26 05 33 13-0871 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	55.42	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
26 05 33 13-0872 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	64.48	21.34
For Elevated Installation >10' To 15', Add	4.27	
For Elevated Installation >15' To 20', Add	8.53	
For Elevated Installation >20' To 25', Add	10.67	
For Elevated Installation >25' To 30', Add	14.93	
For Elevated Installation >30' To 35', Add	17.07	
For Elevated Installation >35' To 40', Add	21.34	
For Elevated Installation >40', Add	23.47	
For Work In Restricted Working Space, Add	12.80	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0873	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow .....	77.32	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33	13-0874	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	91.31	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33	13-0875	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	106.59	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-0876	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow .....	128.43	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-0877	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	194.30	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33	13-0878	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow .....	288.09	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
			<i>For Work In Restricted Working Space, Add</i>	38.82	
26 05 33	13-0879	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	354.16	72.95
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
			<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33	13-0880	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow .....	410.09	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33	13-0881	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow .....	840.20	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0882 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	1,317.96	232.64
<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
<i>For Elevated Installation &gt;40', Add</i>	255.90	
<i>For Work In Restricted Working Space, Add</i>	139.58	
<b>26 05 33 13-0883 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-0884 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow .....	126.83	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-0885 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	143.00	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33 13-0886 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	163.19	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33 13-0887 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow .....	193.73	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-0888 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	268.21	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	
<b>26 05 33 13-0889 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-0890 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow .....	140.23	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-0891 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	165.13	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0892	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	179.05	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-0893	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	228.32	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-0894	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	301.57	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33	13-0895	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	387.02	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
			<i>For Work In Restricted Working Space, Add</i>	38.82	
<b>26 05 33 13-0896 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows</b> <small>(26 05 33 13-0843)</small>					
26 05 33	13-0897	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	156.24	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33	13-0898	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	176.65	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33	13-0899	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	199.41	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-0900	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	239.80	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-0901	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	339.90	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
			<i>For Work In Restricted Working Space, Add</i>	28.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0902 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	432.02	64.70
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
For Work In Restricted Working Space, Add	38.82	
26 05 33 13-0903 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	542.63	72.95
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
For Work In Restricted Working Space, Add	43.78	
26 05 33 13-0904 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow .....	615.42	94.98
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.49	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.48	
For Work In Restricted Working Space, Add	56.99	
<b>26 05 33 13-0905 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-0906 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	183.89	26.15
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
For Work In Restricted Working Space, Add	15.69	
26 05 33 13-0907 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	203.70	30.28
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
For Work In Restricted Working Space, Add	18.17	
26 05 33 13-0908 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	230.12	34.41
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
For Work In Restricted Working Space, Add	20.65	
26 05 33 13-0909 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	284.02	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
26 05 33 13-0910 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	408.51	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
For Work In Restricted Working Space, Add	28.49	
26 05 33 13-0911 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow .....	508.27	64.70
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
For Work In Restricted Working Space, Add	38.82	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0912	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	589.18	72.95
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
			<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33	13-0913	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	700.88	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
<b>26 05 33 13-0914 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows</b> <small>(26 05 33 13-0943)</small>					
26 05 33	13-0915	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	205.41	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33	13-0916	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	228.88	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33	13-0917	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	260.35	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-0918	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	322.52	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-0919	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	445.94	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33	13-0920	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	569.26	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
			<i>For Work In Restricted Working Space, Add</i>	38.82	
26 05 33	13-0921	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	702.38	72.95
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
			<i>For Work In Restricted Working Space, Add</i>	43.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0922 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow .....	779.34	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.48	
<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33 13-0923 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow .....	1,298.21	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
<i>For Elevated Installation &gt;40', Add</i>	170.35	
<i>For Work In Restricted Working Space, Add</i>	92.92	
<b>26 05 33 13-0924 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-0925 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	233.55	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-0926 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	259.30	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33 13-0927 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	293.48	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33 13-0928 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	365.22	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-0929 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	508.31	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33 13-0930 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	646.96	64.70
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
<i>For Elevated Installation &gt;40', Add</i>	71.16	
<i>For Work In Restricted Working Space, Add</i>	38.82	
26 05 33 13-0931 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	759.09	72.95
<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
<i>For Elevated Installation &gt;40', Add</i>	80.26	
<i>For Work In Restricted Working Space, Add</i>	43.78	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0932	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	880.62	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33	13-0933	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	1,369.19	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33	13-0934	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow .....	1,878.84	232.64
			<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
			<i>For Elevated Installation &gt;40', Add</i>	255.90	
			<i>For Work In Restricted Working Space, Add</i>	139.58	
<b>26 05 33 13-0935 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows</b> <small>(26 05 33 13-0943)</small>					
26 05 33	13-0936	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	272.73	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33	13-0937	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	286.42	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33	13-0938	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	337.84	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.42	
			<i>For Elevated Installation &gt;40', Add</i>	37.86	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-0939	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	424.65	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-0940	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	592.41	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.24	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33	13-0941	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow .....	751.71	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
			<i>For Work In Restricted Working Space, Add</i>	38.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0942 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	916.78	72.95
<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
<i>For Elevated Installation &gt;40', Add</i>	80.26	
<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33 13-0943 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,077.65	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.48	
<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33 13-0944 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,600.72	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
<i>For Elevated Installation &gt;40', Add</i>	170.35	
<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33 13-0945 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,985.12	232.64
<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
<i>For Elevated Installation &gt;40', Add</i>	255.90	
<i>For Work In Restricted Working Space, Add</i>	139.58	
<b>26 05 33 13-0946 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows</b> <small>(26 05 33 13-0943)</small>		
26 05 33 13-0947 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	282.17	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-0948 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	332.30	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33 13-0949 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	376.19	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.77	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.42	
<i>For Elevated Installation &gt;40', Add</i>	37.86	
<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33 13-0950 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	442.53	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-0951 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	613.42	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0952	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	783.93	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.16	
			<i>For Work In Restricted Working Space, Add</i>	38.82	
26 05 33	13-0953	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	1,002.66	72.95
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
			<i>For Elevated Installation &gt;40', Add</i>	80.26	
			<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33	13-0954	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	1,122.34	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33	13-0955	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	1,662.92	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33	13-0956	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow .....	2,039.12	232.64
			<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
			<i>For Elevated Installation &gt;40', Add</i>	255.90	
			<i>For Work In Restricted Working Space, Add</i>	139.58	
26 05 33	13-0957		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings</b> <small>(26 05 33 13-0843)</small>		
26 05 33	13-0958	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting .....	105.05	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-0959	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting .....	128.74	22.71
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.54	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.09	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.36	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	15.90	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.17	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	22.72	
			<i>For Elevated Installation &gt;40', Add</i>	24.99	
			<i>For Work In Restricted Working Space, Add</i>	13.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.63	
26 05 33	13-0960	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting .....	171.28	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0961 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	280.24	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
26 05 33 13-0962 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	309.50	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	
26 05 33 13-0963 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	390.59	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-0964 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	1,059.54	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.23	
<i>For Work In Restricted Working Space, Add</i>	28.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33 13-0965 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	1,265.29	64.70
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
<i>For Elevated Installation &gt;40', Add</i>	71.17	
<i>For Work In Restricted Working Space, Add</i>	38.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.82	
26 05 33 13-0966 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealtight Fitting.....	1,681.94	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.48	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.47	
<i>For Work In Restricted Working Space, Add</i>	56.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.99	
<b>26 05 33 13-0967 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fittings</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-0968 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	100.76	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-0969 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	123.88	22.71
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.54	
<i>For Elevated Installation &gt;15' To 20', Add</i>	9.09	
<i>For Elevated Installation &gt;20' To 25', Add</i>	11.36	
<i>For Elevated Installation &gt;25' To 30', Add</i>	15.90	
<i>For Elevated Installation &gt;30' To 35', Add</i>	18.17	
<i>For Elevated Installation &gt;35' To 40', Add</i>	22.72	
<i>For Elevated Installation &gt;40', Add</i>	24.99	
<i>For Work In Restricted Working Space, Add</i>	13.63	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.63	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0970	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	171.28	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.69	
26 05 33	13-0971	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	277.74	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
26 05 33	13-0972	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	299.43	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	
26 05 33	13-0973	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	390.72	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33	13-0974	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,016.58	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.23	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33	13-0975	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,233.94	64.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
			<i>For Elevated Installation &gt;40', Add</i>	71.17	
			<i>For Work In Restricted Working Space, Add</i>	38.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.82	
26 05 33	13-0976	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealtight Fitting.....	1,681.86	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.48	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.47	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.99	
26 05 33	13-0977		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fittings</b> <small>(26 05 33 13-0943)</small>		
26 05 33	13-0978	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	91.25	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0979 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	109.45	22.71
For Elevated Installation >10' To 15', Add	4.54	
For Elevated Installation >15' To 20', Add	9.09	
For Elevated Installation >20' To 25', Add	11.36	
For Elevated Installation >25' To 30', Add	15.90	
For Elevated Installation >30' To 35', Add	18.17	
For Elevated Installation >35' To 40', Add	22.72	
For Elevated Installation >40', Add	24.99	
For Work In Restricted Working Space, Add	13.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.63	
26 05 33 13-0980 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	129.09	26.15
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
For Work In Restricted Working Space, Add	15.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.69	
26 05 33 13-0981 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	182.81	30.28
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
For Work In Restricted Working Space, Add	18.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.17	
26 05 33 13-0982 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	213.45	34.41
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
For Work In Restricted Working Space, Add	20.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.65	
26 05 33 13-0983 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	328.59	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.71	
26 05 33 13-0984 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	896.93	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	18.99	
For Elevated Installation >20' To 25', Add	23.74	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.23	
For Work In Restricted Working Space, Add	28.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	
26 05 33 13-0985 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	1,010.47	64.70
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.17	
For Work In Restricted Working Space, Add	38.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.82	
26 05 33 13-0986 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting .....	1,291.39	94.98
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.48	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.47	
For Work In Restricted Working Space, Add	56.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	56.99	

26 05 33 13-0987 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings (26 05 33 13-0843)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0988	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	154.86	17.21
		<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
		<i>For Elevated Installation &gt;40', Add</i>	18.93	
		<i>For Work In Restricted Working Space, Add</i>	10.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-0989	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	233.15	22.71
		<i>For Elevated Installation &gt;10' To 15', Add</i>	4.54	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	9.09	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	11.36	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	15.90	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	18.17	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	22.72	
		<i>For Elevated Installation &gt;40', Add</i>	24.99	
		<i>For Work In Restricted Working Space, Add</i>	13.63	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.63	
26 05 33 13-0990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	292.91	26.15
		<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
		<i>For Elevated Installation &gt;40', Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	15.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.69	
26 05 33 13-0991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	338.12	30.28
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
		<i>For Elevated Installation &gt;40', Add</i>	33.31	
		<i>For Work In Restricted Working Space, Add</i>	18.17	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
26 05 33 13-0992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	383.99	34.41
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
		<i>For Elevated Installation &gt;40', Add</i>	37.85	
		<i>For Work In Restricted Working Space, Add</i>	20.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	
26 05 33 13-0993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	504.76	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
		<i>For Elevated Installation &gt;40', Add</i>	41.64	
		<i>For Work In Restricted Working Space, Add</i>	22.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-0994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting.....	1,582.52	47.49
		<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
		<i>For Elevated Installation &gt;40', Add</i>	52.23	
		<i>For Work In Restricted Working Space, Add</i>	28.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0995 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	1,848.55	64.70
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
<i>For Elevated Installation &gt;40', Add</i>	71.17	
<i>For Work In Restricted Working Space, Add</i>	38.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.82	
26 05 33 13-0996 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealight Fitting.....	2,274.08	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.48	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.47	
<i>For Work In Restricted Working Space, Add</i>	56.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.99	
<b>26 05 33 13-0997 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fittings</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-0998 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	171.74	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-0999 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	249.09	22.71
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.54	
<i>For Elevated Installation &gt;15' To 20', Add</i>	9.09	
<i>For Elevated Installation &gt;20' To 25', Add</i>	11.36	
<i>For Elevated Installation &gt;25' To 30', Add</i>	15.90	
<i>For Elevated Installation &gt;30' To 35', Add</i>	18.17	
<i>For Elevated Installation &gt;35' To 40', Add</i>	22.72	
<i>For Elevated Installation &gt;40', Add</i>	24.99	
<i>For Work In Restricted Working Space, Add</i>	13.63	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.63	
26 05 33 13-1000 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	295.94	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.69	
26 05 33 13-1001 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	343.12	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
26 05 33 13-1002 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealight Fitting.....	397.70	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1003	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	625.23	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
		<i>For Elevated Installation &gt;40', Add</i>	41.64	
		<i>For Work In Restricted Working Space, Add</i>	22.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-1004	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	1,764.29	47.49
		<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
		<i>For Elevated Installation &gt;40', Add</i>	52.23	
		<i>For Work In Restricted Working Space, Add</i>	28.49	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33 13-1005	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,483.17	64.70
		<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
		<i>For Elevated Installation &gt;40', Add</i>	71.17	
		<i>For Work In Restricted Working Space, Add</i>	38.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.82	
26 05 33 13-1006	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,595.34	94.98
		<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	66.48	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
		<i>For Elevated Installation &gt;40', Add</i>	104.47	
		<i>For Work In Restricted Working Space, Add</i>	56.99	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.99	
<b>26 05 33 13-1007 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings (26 05 33 13-0843)</b>				
26 05 33 13-1008	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	136.25	17.21
		<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
		<i>For Elevated Installation &gt;40', Add</i>	18.93	
		<i>For Work In Restricted Working Space, Add</i>	10.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-1009	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	172.01	22.71
		<i>For Elevated Installation &gt;10' To 15', Add</i>	4.54	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	9.09	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	11.36	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	15.90	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	18.17	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	22.72	
		<i>For Elevated Installation &gt;40', Add</i>	24.99	
		<i>For Work In Restricted Working Space, Add</i>	13.63	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.63	
26 05 33 13-1010	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	205.99	26.15
		<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
		<i>For Elevated Installation &gt;40', Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	15.69	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1011 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	228.37	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.17	
26 05 33 13-1012 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	306.97	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	
26 05 33 13-1013 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	432.95	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-1014 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,431.97	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.23	
<i>For Work In Restricted Working Space, Add</i>	28.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33 13-1015 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,613.14	64.70
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
<i>For Elevated Installation &gt;40', Add</i>	71.17	
<i>For Work In Restricted Working Space, Add</i>	38.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.82	
26 05 33 13-1016 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,918.63	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.48	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.47	
<i>For Work In Restricted Working Space, Add</i>	56.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.99	
26 05 33 13-1017 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0843)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1018 EA 1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	124.91	33.04
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
<i>For Elevated Installation &gt;40', Add</i>	36.34	
<i>For Work In Restricted Working Space, Add</i>	19.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	



**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1019	EA	3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	140.94		37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86		
		<i>For Elevated Installation &gt;40', Add</i>	41.64		
		<i>For Work In Restricted Working Space, Add</i>	22.71		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71		
26 05 33 13-1020	EA	1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	174.00		43.37
		<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36		
		<i>For Elevated Installation &gt;40', Add</i>	47.70		
		<i>For Work In Restricted Working Space, Add</i>	26.02		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02		
26 05 33 13-1021	EA	1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	227.20		50.24
		<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25		
		<i>For Elevated Installation &gt;40', Add</i>	55.27		
		<i>For Work In Restricted Working Space, Add</i>	30.15		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.15		
26 05 33 13-1022	EA	1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	264.84		55.07
		<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06		
		<i>For Elevated Installation &gt;40', Add</i>	60.57		
		<i>For Work In Restricted Working Space, Add</i>	33.04		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.04		
26 05 33 13-1023	EA	2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	360.26		66.08
		<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08		
		<i>For Elevated Installation &gt;40', Add</i>	72.68		
		<i>For Work In Restricted Working Space, Add</i>	39.65		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.65		
26 05 33 13-1024	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	604.46		92.92
		<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	74.34		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92		
		<i>For Elevated Installation &gt;40', Add</i>	102.21		
		<i>For Work In Restricted Working Space, Add</i>	55.75		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.75		
26 05 33 13-1025	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	774.38		123.89
		<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78		
		<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56		
		<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95		
		<i>For Elevated Installation &gt;25' To 30', Add</i>	86.73		
		<i>For Elevated Installation &gt;30' To 35', Add</i>	99.12		
		<i>For Elevated Installation &gt;35' To 40', Add</i>	123.90		
		<i>For Elevated Installation &gt;40', Add</i>	136.28		
		<i>For Work In Restricted Working Space, Add</i>	74.34		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.34		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1026 EA 3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,074.81	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
<i>For Elevated Installation &gt;40', Add</i>	170.35	
<i>For Work In Restricted Working Space, Add</i>	92.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.92	
26 05 33 13-1027 EA 4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,234.79	188.59
<i>For Elevated Installation &gt;10' To 15', Add</i>	37.72	
<i>For Elevated Installation &gt;15' To 20', Add</i>	75.44	
<i>For Elevated Installation &gt;20' To 25', Add</i>	94.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	132.01	
<i>For Elevated Installation &gt;30' To 35', Add</i>	150.87	
<i>For Elevated Installation &gt;35' To 40', Add</i>	188.59	
<i>For Elevated Installation &gt;40', Add</i>	207.45	
<i>For Work In Restricted Working Space, Add</i>	113.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	113.15	
<b>26 05 33 13-1028 Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover</b> <small>(26 05 33 13-0843)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1029 EA 1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	163.21	43.37
<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
<i>For Elevated Installation &gt;40', Add</i>	47.70	
<i>For Work In Restricted Working Space, Add</i>	26.02	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02	
26 05 33 13-1030 EA 3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	185.92	48.18
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.64	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.27	
<i>For Elevated Installation &gt;20' To 25', Add</i>	24.09	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.73	
<i>For Elevated Installation &gt;30' To 35', Add</i>	38.54	
<i>For Elevated Installation &gt;35' To 40', Add</i>	48.18	
<i>For Elevated Installation &gt;40', Add</i>	53.00	
<i>For Work In Restricted Working Space, Add</i>	28.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.91	
26 05 33 13-1031 EA 1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	226.63	53.00
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.60	
<i>For Elevated Installation &gt;15' To 20', Add</i>	21.20	
<i>For Elevated Installation &gt;20' To 25', Add</i>	26.50	
<i>For Elevated Installation &gt;25' To 30', Add</i>	37.10	
<i>For Elevated Installation &gt;30' To 35', Add</i>	42.40	
<i>For Elevated Installation &gt;35' To 40', Add</i>	53.00	
<i>For Elevated Installation &gt;40', Add</i>	58.29	
<i>For Work In Restricted Working Space, Add</i>	31.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.80	
26 05 33 13-1032 EA 1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	303.92	60.57
<i>For Elevated Installation &gt;10' To 15', Add</i>	12.11	
<i>For Elevated Installation &gt;15' To 20', Add</i>	24.23	
<i>For Elevated Installation &gt;20' To 25', Add</i>	30.28	
<i>For Elevated Installation &gt;25' To 30', Add</i>	42.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	48.45	
<i>For Elevated Installation &gt;35' To 40', Add</i>	60.57	
<i>For Elevated Installation &gt;40', Add</i>	66.62	
<i>For Work In Restricted Working Space, Add</i>	36.34	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.34	
26 05 33 13-1033 EA 1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	358.73	66.08
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
<i>For Elevated Installation &gt;40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.65	
26 05 33 13-1034 EA 2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	487.89	81.22
<i>For Elevated Installation &gt;10' To 15', Add</i>	16.24	
<i>For Elevated Installation &gt;15' To 20', Add</i>	32.49	
<i>For Elevated Installation &gt;20' To 25', Add</i>	40.61	
<i>For Elevated Installation &gt;25' To 30', Add</i>	56.85	
<i>For Elevated Installation &gt;30' To 35', Add</i>	64.97	
<i>For Elevated Installation &gt;35' To 40', Add</i>	81.22	
<i>For Elevated Installation &gt;40', Add</i>	89.34	
<i>For Work In Restricted Working Space, Add</i>	48.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.73	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1035			<b>Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover</b> <small>(26 05 33 13-0843)</small>		
			Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1036	EA		1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	143.61	37.85
			For Elevated Installation >10' To 15', Add	7.57	
			For Elevated Installation >15' To 20', Add	15.14	
			For Elevated Installation >20' To 25', Add	18.93	
			For Elevated Installation >25' To 30', Add	26.50	
			For Elevated Installation >30' To 35', Add	30.28	
			For Elevated Installation >35' To 40', Add	37.86	
			For Elevated Installation >40', Add	41.64	
			For Work In Restricted Working Space, Add	22.71	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.71	
26 05 33 13-1037	EA		3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	163.93	44.05
			For Elevated Installation >10' To 15', Add	8.81	
			For Elevated Installation >15' To 20', Add	17.62	
			For Elevated Installation >20' To 25', Add	22.03	
			For Elevated Installation >25' To 30', Add	30.84	
			For Elevated Installation >30' To 35', Add	35.24	
			For Elevated Installation >35' To 40', Add	44.05	
			For Elevated Installation >40', Add	48.46	
			For Work In Restricted Working Space, Add	26.43	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.43	
26 05 33 13-1038	EA		1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	197.96	48.18
			For Elevated Installation >10' To 15', Add	9.64	
			For Elevated Installation >15' To 20', Add	19.27	
			For Elevated Installation >20' To 25', Add	24.09	
			For Elevated Installation >25' To 30', Add	33.73	
			For Elevated Installation >30' To 35', Add	38.54	
			For Elevated Installation >35' To 40', Add	48.18	
			For Elevated Installation >40', Add	53.00	
			For Work In Restricted Working Space, Add	28.91	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.91	
26 05 33 13-1039	EA		1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	253.15	55.07
			For Elevated Installation >10' To 15', Add	11.01	
			For Elevated Installation >15' To 20', Add	22.02	
			For Elevated Installation >20' To 25', Add	27.53	
			For Elevated Installation >25' To 30', Add	38.54	
			For Elevated Installation >30' To 35', Add	44.05	
			For Elevated Installation >35' To 40', Add	55.06	
			For Elevated Installation >40', Add	60.57	
			For Work In Restricted Working Space, Add	33.04	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.04	
26 05 33 13-1040	EA		1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	299.76	60.57
			For Elevated Installation >10' To 15', Add	12.11	
			For Elevated Installation >15' To 20', Add	24.23	
			For Elevated Installation >20' To 25', Add	30.29	
			For Elevated Installation >25' To 30', Add	42.40	
			For Elevated Installation >30' To 35', Add	48.46	
			For Elevated Installation >35' To 40', Add	60.57	
			For Elevated Installation >40', Add	66.63	
			For Work In Restricted Working Space, Add	36.34	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.34	
26 05 33 13-1041	EA		2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	401.17	70.89
			For Elevated Installation >10' To 15', Add	14.18	
			For Elevated Installation >15' To 20', Add	28.36	
			For Elevated Installation >20' To 25', Add	35.45	
			For Elevated Installation >25' To 30', Add	49.63	
			For Elevated Installation >30' To 35', Add	56.72	
			For Elevated Installation >35' To 40', Add	70.90	
			For Elevated Installation >40', Add	77.98	
			For Work In Restricted Working Space, Add	42.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.54	
26 05 33 13-1042	EA		2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover .....	644.63	103.24
			For Elevated Installation >10' To 15', Add	20.65	
			For Elevated Installation >15' To 20', Add	41.30	
			For Elevated Installation >20' To 25', Add	51.62	
			For Elevated Installation >25' To 30', Add	72.27	
			For Elevated Installation >30' To 35', Add	82.60	
			For Elevated Installation >35' To 40', Add	103.25	
			For Elevated Installation >40', Add	113.57	
			For Work In Restricted Working Space, Add	61.95	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1043 EA 3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	853.09	134.22
<i>For Elevated Installation &gt;10' To 15', Add</i>	26.84	
<i>For Elevated Installation &gt;15' To 20', Add</i>	53.68	
<i>For Elevated Installation &gt;20' To 25', Add</i>	67.11	
<i>For Elevated Installation &gt;25' To 30', Add</i>	93.95	
<i>For Elevated Installation &gt;30' To 35', Add</i>	107.37	
<i>For Elevated Installation &gt;35' To 40', Add</i>	134.21	
<i>For Elevated Installation &gt;40', Add</i>	147.63	
<i>For Work In Restricted Working Space, Add</i>	80.53	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.53	
26 05 33 13-1044 EA 3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,170.73	165.19
<i>For Elevated Installation &gt;10' To 15', Add</i>	33.04	
<i>For Elevated Installation &gt;15' To 20', Add</i>	66.07	
<i>For Elevated Installation &gt;20' To 25', Add</i>	82.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	115.63	
<i>For Elevated Installation &gt;30' To 35', Add</i>	132.15	
<i>For Elevated Installation &gt;35' To 40', Add</i>	165.19	
<i>For Elevated Installation &gt;40', Add</i>	181.70	
<i>For Work In Restricted Working Space, Add</i>	99.11	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.11	
26 05 33 13-1045 EA 4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,309.52	198.91
<i>For Elevated Installation &gt;10' To 15', Add</i>	39.78	
<i>For Elevated Installation &gt;15' To 20', Add</i>	79.57	
<i>For Elevated Installation &gt;20' To 25', Add</i>	99.46	
<i>For Elevated Installation &gt;25' To 30', Add</i>	139.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	159.14	
<i>For Elevated Installation &gt;35' To 40', Add</i>	198.92	
<i>For Elevated Installation &gt;40', Add</i>	218.81	
<i>For Work In Restricted Working Space, Add</i>	119.35	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.35	
<b>26 05 33 13-1046 Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1047 EA 1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	29.12	4.13
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.83	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.65	
<i>For Elevated Installation &gt;20' To 25', Add</i>	2.07	
<i>For Elevated Installation &gt;25' To 30', Add</i>	2.89	
<i>For Elevated Installation &gt;30' To 35', Add</i>	3.30	
<i>For Elevated Installation &gt;35' To 40', Add</i>	4.13	
<i>For Elevated Installation &gt;40', Add</i>	4.54	
<i>For Work In Restricted Working Space, Add</i>	2.48	
26 05 33 13-1048 EA 3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	32.69	4.82
<i>For Elevated Installation &gt;10' To 15', Add</i>	0.96	
<i>For Elevated Installation &gt;15' To 20', Add</i>	1.93	
<i>For Elevated Installation &gt;20' To 25', Add</i>	2.41	
<i>For Elevated Installation &gt;25' To 30', Add</i>	3.37	
<i>For Elevated Installation &gt;30' To 35', Add</i>	3.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	4.82	
<i>For Elevated Installation &gt;40', Add</i>	5.30	
<i>For Work In Restricted Working Space, Add</i>	2.89	
26 05 33 13-1049 EA 1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	42.62	6.20
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.24	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.48	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.10	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.34	
<i>For Elevated Installation &gt;30' To 35', Add</i>	4.96	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.20	
<i>For Elevated Installation &gt;40', Add</i>	6.81	
<i>For Work In Restricted Working Space, Add</i>	3.72	
26 05 33 13-1050 EA 1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	54.78	7.57
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.51	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.03	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.79	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.30	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.06	
<i>For Elevated Installation &gt;35' To 40', Add</i>	7.57	
<i>For Elevated Installation &gt;40', Add</i>	8.33	
<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-1051 EA 1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	61.37	8.94
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
<i>For Elevated Installation &gt;40', Add</i>	9.85	
<i>For Work In Restricted Working Space, Add</i>	5.37	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1052	EA	2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	75.90	10.33
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
			<i>For Elevated Installation &gt;40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
26 05 33	13-1053	EA	2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	98.12	11.70
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.34	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.68	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.85	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.19	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.36	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.70	
			<i>For Elevated Installation &gt;40', Add</i>	12.87	
			<i>For Work In Restricted Working Space, Add</i>	7.02	
26 05 33	13-1054	EA	3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	107.76	16.51
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.52	
			<i>For Elevated Installation &gt;40', Add</i>	18.17	
			<i>For Work In Restricted Working Space, Add</i>	9.91	
26 05 33	13-1055	EA	3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	130.86	18.58
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.72	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.29	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.01	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.87	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.59	
			<i>For Elevated Installation &gt;40', Add</i>	20.44	
			<i>For Work In Restricted Working Space, Add</i>	11.15	
26 05 33	13-1056	EA	4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined .....	140.49	23.40
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.68	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.36	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.70	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.72	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.40	
			<i>For Elevated Installation &gt;40', Add</i>	25.74	
			<i>For Work In Restricted Working Space, Add</i>	14.04	
<b>26 05 33 13-1057 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies (26 05 33 13-0843)</b>					
26 05 33	13-1058	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	140.73	33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	
26 05 33	13-1059	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	155.98	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33	13-1060	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	182.08	43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1061 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit		
Body .....	215.99	50.24
For Elevated Installation >10' To 15', Add	10.05	
For Elevated Installation >15' To 20', Add	20.10	
For Elevated Installation >20' To 25', Add	25.12	
For Elevated Installation >25' To 30', Add	35.17	
For Elevated Installation >30' To 35', Add	40.20	
For Elevated Installation >35' To 40', Add	50.25	
For Elevated Installation >40', Add	55.27	
For Work In Restricted Working Space, Add	30.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.15	
26 05 33 13-1062 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit		
Body .....	268.00	55.07
For Elevated Installation >10' To 15', Add	11.01	
For Elevated Installation >15' To 20', Add	22.02	
For Elevated Installation >20' To 25', Add	27.53	
For Elevated Installation >25' To 30', Add	38.54	
For Elevated Installation >30' To 35', Add	44.05	
For Elevated Installation >35' To 40', Add	55.06	
For Elevated Installation >40', Add	60.57	
For Work In Restricted Working Space, Add	33.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.04	
26 05 33 13-1063 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	324.72	66.08
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
For Work In Restricted Working Space, Add	39.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.65	
26 05 33 13-1064 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit		
Body .....	469.93	92.92
For Elevated Installation >10' To 15', Add	18.58	
For Elevated Installation >15' To 20', Add	37.17	
For Elevated Installation >20' To 25', Add	46.46	
For Elevated Installation >25' To 30', Add	65.04	
For Elevated Installation >30' To 35', Add	74.33	
For Elevated Installation >35' To 40', Add	92.92	
For Elevated Installation >40', Add	102.21	
For Work In Restricted Working Space, Add	55.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	55.75	
26 05 33 13-1065 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	603.10	123.89
For Elevated Installation >10' To 15', Add	24.78	
For Elevated Installation >15' To 20', Add	49.56	
For Elevated Installation >20' To 25', Add	61.95	
For Elevated Installation >25' To 30', Add	86.72	
For Elevated Installation >30' To 35', Add	99.11	
For Elevated Installation >35' To 40', Add	123.89	
For Elevated Installation >40', Add	136.28	
For Work In Restricted Working Space, Add	74.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	74.33	
26 05 33 13-1066 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit		
Body .....	1,196.10	154.86
For Elevated Installation >10' To 15', Add	30.97	
For Elevated Installation >15' To 20', Add	61.94	
For Elevated Installation >20' To 25', Add	77.43	
For Elevated Installation >25' To 30', Add	108.40	
For Elevated Installation >30' To 35', Add	123.89	
For Elevated Installation >35' To 40', Add	154.86	
For Elevated Installation >40', Add	170.35	
For Work In Restricted Working Space, Add	92.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	92.92	
26 05 33 13-1067 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,747.34	188.59
For Elevated Installation >10' To 15', Add	37.72	
For Elevated Installation >15' To 20', Add	75.44	
For Elevated Installation >20' To 25', Add	94.30	
For Elevated Installation >25' To 30', Add	132.01	
For Elevated Installation >30' To 35', Add	150.87	
For Elevated Installation >35' To 40', Add	188.59	
For Elevated Installation >40', Add	207.45	
For Work In Restricted Working Space, Add	113.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	113.15	

26 05 33 13-1068 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies (26 05 33 13-0843)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1069	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	237.88	33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	
26 05 33	13-1070	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	256.44	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33	13-1071	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	292.85	43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02	
26 05 33	13-1072	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	328.02	50.24
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
			<i>For Elevated Installation &gt;40', Add</i>	55.27	
			<i>For Work In Restricted Working Space, Add</i>	30.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.15	
26 05 33	13-1073	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	396.96	55.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
			<i>For Elevated Installation &gt;40', Add</i>	60.57	
			<i>For Work In Restricted Working Space, Add</i>	33.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.04	
26 05 33	13-1074	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	447.40	66.08
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
			<i>For Elevated Installation &gt;40', Add</i>	72.68	
			<i>For Work In Restricted Working Space, Add</i>	39.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.65	
26 05 33	13-1075	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	629.43	92.92
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	74.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92	
			<i>For Elevated Installation &gt;40', Add</i>	102.21	
			<i>For Work In Restricted Working Space, Add</i>	55.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.75	
26 05 33	13-1076	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	876.26	123.89
			<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	86.72	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	99.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	123.89	
			<i>For Elevated Installation &gt;40', Add</i>	136.28	
			<i>For Work In Restricted Working Space, Add</i>	74.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1077 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body .....	1,275.43	154.86
For Elevated Installation >10' To 15', Add	30.97	
For Elevated Installation >15' To 20', Add	61.94	
For Elevated Installation >20' To 25', Add	77.43	
For Elevated Installation >25' To 30', Add	108.40	
For Elevated Installation >30' To 35', Add	123.89	
For Elevated Installation >35' To 40', Add	154.86	
For Elevated Installation >40', Add	170.35	
For Work In Restricted Working Space, Add	92.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	92.92	
26 05 33 13-1078 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body .....	1,851.14	188.59
For Elevated Installation >10' To 15', Add	37.72	
For Elevated Installation >15' To 20', Add	75.44	
For Elevated Installation >20' To 25', Add	94.30	
For Elevated Installation >25' To 30', Add	132.01	
For Elevated Installation >30' To 35', Add	150.87	
For Elevated Installation >35' To 40', Add	188.59	
For Elevated Installation >40', Add	207.45	
For Work In Restricted Working Space, Add	113.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	113.15	
<b>26 05 33 13-1079 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1080 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	191.11	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.22	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.13	
For Elevated Installation >30' To 35', Add	26.43	
For Elevated Installation >35' To 40', Add	33.04	
For Elevated Installation >40', Add	36.34	
For Work In Restricted Working Space, Add	19.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.82	
26 05 33 13-1081 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	204.07	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.71	
26 05 33 13-1082 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	234.43	43.37
For Elevated Installation >10' To 15', Add	8.67	
For Elevated Installation >15' To 20', Add	17.34	
For Elevated Installation >20' To 25', Add	21.68	
For Elevated Installation >25' To 30', Add	30.35	
For Elevated Installation >30' To 35', Add	34.69	
For Elevated Installation >35' To 40', Add	43.36	
For Elevated Installation >40', Add	47.70	
For Work In Restricted Working Space, Add	26.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.02	
26 05 33 13-1083 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	261.76	50.24
For Elevated Installation >10' To 15', Add	10.05	
For Elevated Installation >15' To 20', Add	20.10	
For Elevated Installation >20' To 25', Add	25.12	
For Elevated Installation >25' To 30', Add	35.17	
For Elevated Installation >30' To 35', Add	40.20	
For Elevated Installation >35' To 40', Add	50.25	
For Elevated Installation >40', Add	55.27	
For Work In Restricted Working Space, Add	30.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.15	
26 05 33 13-1084 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	358.39	55.07
For Elevated Installation >10' To 15', Add	11.01	
For Elevated Installation >15' To 20', Add	22.02	
For Elevated Installation >20' To 25', Add	27.53	
For Elevated Installation >25' To 30', Add	38.54	
For Elevated Installation >30' To 35', Add	44.05	
For Elevated Installation >35' To 40', Add	55.06	
For Elevated Installation >40', Add	60.57	
For Work In Restricted Working Space, Add	33.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.04	
26 05 33 13-1085 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body .....	449.73	66.08
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
For Work In Restricted Working Space, Add	39.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.65	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1086	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	697.26	92.92
		<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	74.33	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92	
		<i>For Elevated Installation &gt;40', Add</i>	102.21	
		<i>For Work In Restricted Working Space, Add</i>	55.75	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.75	
26 05 33 13-1087	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,014.27	123.89
		<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	86.72	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	99.11	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	123.89	
		<i>For Elevated Installation &gt;40', Add</i>	136.28	
		<i>For Work In Restricted Working Space, Add</i>	74.33	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.33	
26 05 33 13-1088	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,275.43	154.86
		<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
		<i>For Elevated Installation &gt;40', Add</i>	170.35	
		<i>For Work In Restricted Working Space, Add</i>	92.92	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.92	
<b>26 05 33 13-1089 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies <small>(26 05 33 13-0843)</small></b>				
26 05 33 13-1090	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	251.61	33.04
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
		<i>For Elevated Installation &gt;40', Add</i>	36.34	
		<i>For Work In Restricted Working Space, Add</i>	19.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	
26 05 33 13-1091	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	279.34	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
		<i>For Elevated Installation &gt;40', Add</i>	41.64	
		<i>For Work In Restricted Working Space, Add</i>	22.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-1092	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	345.83	43.37
		<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
		<i>For Elevated Installation &gt;40', Add</i>	47.70	
		<i>For Work In Restricted Working Space, Add</i>	26.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02	
26 05 33 13-1093	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	426.00	50.24
		<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
		<i>For Elevated Installation &gt;40', Add</i>	55.27	
		<i>For Work In Restricted Working Space, Add</i>	30.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.15	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1094 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body .....	590.43	55.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
<i>For Elevated Installation &gt;40', Add</i>	60.57	
<i>For Work In Restricted Working Space, Add</i>	33.04	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.04	
26 05 33 13-1095 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	707.63	66.08
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
<i>For Elevated Installation &gt;40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.65	
<b>26 05 33 13-1096 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1097 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling .....	49.20	13.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
<i>For Elevated Installation &gt;40', Add</i>	14.56	
<i>For Work In Restricted Working Space, Add</i>	7.94	
26 05 33 13-1098 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling .....	65.07	15.88
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.18	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.35	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.94	
<i>For Elevated Installation &gt;25' To 30', Add</i>	11.12	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.70	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.88	
<i>For Elevated Installation &gt;40', Add</i>	17.47	
<i>For Work In Restricted Working Space, Add</i>	9.53	
26 05 33 13-1099 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling .....	82.79	21.18
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.24	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.47	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.59	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.82	
<i>For Elevated Installation &gt;30' To 35', Add</i>	16.94	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.18	
<i>For Elevated Installation &gt;40', Add</i>	23.29	
<i>For Work In Restricted Working Space, Add</i>	12.71	
26 05 33 13-1100 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	113.64	26.47
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.29	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	21.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.47	
<i>For Elevated Installation &gt;40', Add</i>	29.12	
<i>For Work In Restricted Working Space, Add</i>	15.88	
26 05 33 13-1101 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	148.80	31.76
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.35	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.71	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.88	
<i>For Elevated Installation &gt;25' To 30', Add</i>	22.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	25.41	
<i>For Elevated Installation &gt;35' To 40', Add</i>	31.77	
<i>For Elevated Installation &gt;40', Add</i>	34.94	
<i>For Work In Restricted Working Space, Add</i>	19.06	
26 05 33 13-1102 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	254.41	37.06
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.41	
<i>For Elevated Installation &gt;15' To 20', Add</i>	14.82	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	25.94	
<i>For Elevated Installation &gt;30' To 35', Add</i>	29.65	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.06	
<i>For Elevated Installation &gt;40', Add</i>	40.77	
<i>For Work In Restricted Working Space, Add</i>	22.24	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1103	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	368.57	42.35
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Work In Restricted Working Space, Add</i>	25.41	
26 05 33	13-1104	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	459.31	47.65
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	19.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.83	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.36	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	38.12	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.65	
			<i>For Elevated Installation &gt;40', Add</i>	52.42	
			<i>For Work In Restricted Working Space, Add</i>	28.59	
26 05 33	13-1105	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	638.27	55.59
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.80	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.92	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.48	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	55.60	
			<i>For Elevated Installation &gt;40', Add</i>	61.15	
			<i>For Work In Restricted Working Space, Add</i>	33.36	
26 05 33	13-1106	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	774.57	63.53
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	25.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	44.47	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	50.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	63.54	
			<i>For Elevated Installation &gt;40', Add</i>	69.89	
			<i>For Work In Restricted Working Space, Add</i>	38.12	
26 05 33	13-1107	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,239.59	100.60
			<i>For Elevated Installation &gt;10' To 15', Add</i>	20.12	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	40.24	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	50.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	70.41	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	80.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	100.59	
			<i>For Elevated Installation &gt;40', Add</i>	110.65	
			<i>For Work In Restricted Working Space, Add</i>	60.35	
26 05 33	13-1108	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,696.11	153.54
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.71	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.42	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	76.77	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	107.48	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	122.83	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	153.54	
			<i>For Elevated Installation &gt;40', Add</i>	168.89	
			<i>For Work In Restricted Working Space, Add</i>	92.12	
26 05 33	13-1109		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows</b> <small>(26 05 33 13-0843)</small>		
26 05 33	13-1110	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	180.44	33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33	13-1111	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	213.05	36.48
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.48	
			<i>For Elevated Installation &gt;40', Add</i>	40.12	
			<i>For Work In Restricted Working Space, Add</i>	21.89	
26 05 33	13-1112	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	235.40	43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1113 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow .....	337.09	50.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
<i>For Elevated Installation &gt;40', Add</i>	55.27	
<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33 13-1114 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow .....	443.51	55.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
<i>For Elevated Installation &gt;40', Add</i>	60.57	
<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33 13-1115 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	479.40	66.08
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
<i>For Elevated Installation &gt;40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-1116 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow .....	1,125.85	91.54
<i>For Elevated Installation &gt;10' To 15', Add</i>	18.31	
<i>For Elevated Installation &gt;15' To 20', Add</i>	36.62	
<i>For Elevated Installation &gt;20' To 25', Add</i>	45.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	64.08	
<i>For Elevated Installation &gt;30' To 35', Add</i>	73.24	
<i>For Elevated Installation &gt;35' To 40', Add</i>	91.55	
<i>For Elevated Installation &gt;40', Add</i>	100.70	
<i>For Work In Restricted Working Space, Add</i>	54.93	
26 05 33 13-1117 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,190.77	123.89
<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
<i>For Elevated Installation &gt;25' To 30', Add</i>	86.73	
<i>For Elevated Installation &gt;30' To 35', Add</i>	99.12	
<i>For Elevated Installation &gt;35' To 40', Add</i>	123.90	
<i>For Elevated Installation &gt;40', Add</i>	136.28	
<i>For Work In Restricted Working Space, Add</i>	74.34	
26 05 33 13-1118 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow .....	1,943.13	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.95	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.44	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.41	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.90	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.87	
<i>For Elevated Installation &gt;40', Add</i>	170.36	
<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33 13-1119 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	2,026.43	188.59
<i>For Elevated Installation &gt;10' To 15', Add</i>	37.72	
<i>For Elevated Installation &gt;15' To 20', Add</i>	75.44	
<i>For Elevated Installation &gt;20' To 25', Add</i>	94.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	132.02	
<i>For Elevated Installation &gt;30' To 35', Add</i>	150.88	
<i>For Elevated Installation &gt;35' To 40', Add</i>	188.60	
<i>For Elevated Installation &gt;40', Add</i>	207.46	
<i>For Work In Restricted Working Space, Add</i>	113.16	
<b>26 05 33 13-1120 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1121 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow .....	261.83	33.04
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
<i>For Elevated Installation &gt;40', Add</i>	36.34	
<i>For Work In Restricted Working Space, Add</i>	19.82	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33	13-1122	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
			Pulling Elbow .....	298.29	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33	13-1123	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
			Elbow .....	585.54	43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33	13-1124	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
			Pulling Elbow .....	614.71	50.24
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
			<i>For Elevated Installation &gt;40', Add</i>	55.27	
			<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33	13-1125	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
			Pulling Elbow .....	838.99	55.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
			<i>For Elevated Installation &gt;40', Add</i>	60.57	
			<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33	13-1126	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
			Elbow .....	895.59	66.08
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
			<i>For Elevated Installation &gt;40', Add</i>	72.68	
			<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33	13-1127	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
			Pulling Elbow .....	1,718.79	92.92
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	74.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92	
			<i>For Elevated Installation &gt;40', Add</i>	102.21	
			<i>For Work In Restricted Working Space, Add</i>	55.75	
26 05 33	13-1128	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
			Elbow .....	1,811.04	123.89
			<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	86.72	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	99.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	123.89	
			<i>For Elevated Installation &gt;40', Add</i>	136.28	
			<i>For Work In Restricted Working Space, Add</i>	74.33	
26 05 33	13-1129	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
			Pulling Elbow .....	2,650.66	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1130 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	3,002.68	188.59
<i>For Elevated Installation &gt;10' To 15', Add</i>	37.72	
<i>For Elevated Installation &gt;15' To 20', Add</i>	75.44	
<i>For Elevated Installation &gt;20' To 25', Add</i>	94.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	132.01	
<i>For Elevated Installation &gt;30' To 35', Add</i>	150.87	
<i>For Elevated Installation &gt;35' To 40', Add</i>	188.59	
<i>For Elevated Installation &gt;40', Add</i>	207.45	
<i>For Work In Restricted Working Space, Add</i>	113.15	
<b>26 05 33 13-1131 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-1132 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow .....	100.86	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33 13-1133 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow .....	117.49	21.34
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
<i>For Elevated Installation &gt;40', Add</i>	23.47	
<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33 13-1134 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow .....	140.03	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-1135 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow .....	165.25	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<b>26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-1137 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow .....	79.65	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33 13-1138 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow .....	92.04	21.34
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
<i>For Elevated Installation &gt;40', Add</i>	23.47	
<i>For Work In Restricted Working Space, Add</i>	12.80	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

26 05 33 13-1139	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	127.63	26.15
		<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
		<i>For Elevated Installation &gt;40', Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-1140	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	165.35	30.28
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
		<i>For Elevated Installation &gt;40', Add</i>	33.31	
		<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33 13-1141	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	201.32	34.41
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
		<i>For Elevated Installation &gt;40', Add</i>	37.85	
		<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33 13-1142	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	288.75	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
		<i>For Elevated Installation &gt;40', Add</i>	41.64	
		<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1143	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	394.34	47.49
		<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
		<i>For Elevated Installation &gt;40', Add</i>	52.24	
		<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33 13-1144		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1145	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	100.90	17.21
		<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
		<i>For Elevated Installation &gt;40', Add</i>	18.93	
		<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33 13-1146	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	120.42	21.34
		<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
		<i>For Elevated Installation &gt;40', Add</i>	23.47	
		<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33 13-1147	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	140.06	26.15
		<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
		<i>For Elevated Installation &gt;40', Add</i>	28.77	
		<i>For Work In Restricted Working Space, Add</i>	15.69	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1148 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	165.30	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
<b>26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-1150 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	79.73	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33 13-1151 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	92.04	21.34
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
<i>For Elevated Installation &gt;40', Add</i>	23.47	
<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33 13-1152 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	118.85	26.15
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
<i>For Elevated Installation &gt;40', Add</i>	28.77	
<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33 13-1153 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	148.29	30.28
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
<i>For Elevated Installation &gt;40', Add</i>	33.31	
<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33 13-1154 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	173.55	34.41
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33 13-1155 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	199.80	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1156 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	371.66	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1157	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	426.61	64.70
		<i>For Elevated Installation &gt;10' To 15', Add</i>	12.94	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	25.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	32.35	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	45.29	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	51.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	64.70	
		<i>For Elevated Installation &gt;40', Add</i>	71.16	
		<i>For Work In Restricted Working Space, Add</i>	38.82	
26 05 33 13-1158	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	460.49	72.95
		<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
		<i>For Elevated Installation &gt;40', Add</i>	80.26	
		<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33 13-1159	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	568.43	94.98
		<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
		<i>For Elevated Installation &gt;40', Add</i>	104.48	
		<i>For Work In Restricted Working Space, Add</i>	56.99	
<b>26 05 33 13-1160 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows</b> <small>(26 05 33 13-0843)</small>				
26 05 33 13-1161	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	166.71	33.04
		<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
		<i>For Elevated Installation &gt;40', Add</i>	36.34	
		<i>For Work In Restricted Working Space, Add</i>	19.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.82	
26 05 33 13-1162	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	180.29	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
		<i>For Elevated Installation &gt;40', Add</i>	41.64	
		<i>For Work In Restricted Working Space, Add</i>	22.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 33 13-1163	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	197.49	43.37
		<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
		<i>For Elevated Installation &gt;40', Add</i>	47.70	
		<i>For Work In Restricted Working Space, Add</i>	26.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.02	
26 05 33 13-1164	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	264.72	50.24
		<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
		<i>For Elevated Installation &gt;40', Add</i>	55.27	
		<i>For Work In Restricted Working Space, Add</i>	30.15	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.15	
26 05 33 13-1165	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow .....	336.24	55.07
		<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
		<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
		<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
		<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
		<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
		<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
		<i>For Elevated Installation &gt;40', Add</i>	60.57	
		<i>For Work In Restricted Working Space, Add</i>	33.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-1166 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1167 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	200.31	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.22	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.13	
For Elevated Installation >30' To 35', Add	26.43	
For Elevated Installation >35' To 40', Add	33.04	
For Elevated Installation >40', Add	36.34	
For Work In Restricted Working Space, Add	19.82	
26 05 33 13-1168 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	215.95	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
26 05 33 13-1169 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	252.36	43.37
For Elevated Installation >10' To 15', Add	8.67	
For Elevated Installation >15' To 20', Add	17.34	
For Elevated Installation >20' To 25', Add	21.68	
For Elevated Installation >25' To 30', Add	30.35	
For Elevated Installation >30' To 35', Add	34.69	
For Elevated Installation >35' To 40', Add	43.36	
For Elevated Installation >40', Add	47.70	
For Work In Restricted Working Space, Add	26.02	
26 05 33 13-1170 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	359.97	50.24
For Elevated Installation >10' To 15', Add	10.05	
For Elevated Installation >15' To 20', Add	20.10	
For Elevated Installation >20' To 25', Add	25.12	
For Elevated Installation >25' To 30', Add	35.17	
For Elevated Installation >30' To 35', Add	40.20	
For Elevated Installation >35' To 40', Add	50.25	
For Elevated Installation >40', Add	55.27	
For Work In Restricted Working Space, Add	30.15	
26 05 33 13-1171 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	583.03	55.07
For Elevated Installation >10' To 15', Add	11.01	
For Elevated Installation >15' To 20', Add	22.02	
For Elevated Installation >20' To 25', Add	27.53	
For Elevated Installation >25' To 30', Add	38.54	
For Elevated Installation >30' To 35', Add	44.05	
For Elevated Installation >35' To 40', Add	55.06	
For Elevated Installation >40', Add	60.57	
For Work In Restricted Working Space, Add	33.04	
26 05 33 13-1172 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover .....	630.41	66.08
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
For Work In Restricted Working Space, Add	39.65	
<b>26 05 33 13-1173 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1174 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover .....	219.37	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.22	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.13	
For Elevated Installation >30' To 35', Add	26.43	
For Elevated Installation >35' To 40', Add	33.04	
For Elevated Installation >40', Add	36.34	
For Work In Restricted Working Space, Add	19.82	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1175	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	247.76	37.85
	<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
	<i>For Elevated Installation &gt;40', Add</i>	41.64	
	<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1176	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	270.51	43.37
	<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
	<i>For Elevated Installation &gt;40', Add</i>	47.70	
	<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33 13-1177	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	378.40	50.24
	<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
	<i>For Elevated Installation &gt;40', Add</i>	55.27	
	<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33 13-1178	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	627.01	55.07
	<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
	<i>For Elevated Installation &gt;40', Add</i>	60.57	
	<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33 13-1179	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	670.78	66.08
	<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
	<i>For Elevated Installation &gt;40', Add</i>	72.68	
	<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-1180	<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1181	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	219.52	33.04
	<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
	<i>For Elevated Installation &gt;40', Add</i>	36.34	
	<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33 13-1182	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	242.13	37.85
	<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
	<i>For Elevated Installation &gt;40', Add</i>	41.64	
	<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1183	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	288.02	43.37
	<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
	<i>For Elevated Installation &gt;40', Add</i>	47.70	
	<i>For Work In Restricted Working Space, Add</i>	26.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1184 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover .....	392.45	50.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
<i>For Elevated Installation &gt;40', Add</i>	55.27	
<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33 13-1185 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover .....	647.97	55.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
<i>For Elevated Installation &gt;40', Add</i>	60.57	
<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33 13-1186 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover .....	696.61	66.08
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
<i>For Elevated Installation &gt;40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
<b>26 05 33 13-1187 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-1188 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover .....	272.31	33.04
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
<i>For Elevated Installation &gt;40', Add</i>	36.34	
<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33 13-1189 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover .....	300.81	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1190 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover .....	326.18	43.37
<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
<i>For Elevated Installation &gt;40', Add</i>	47.70	
<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33 13-1191 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover .....	819.07	50.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
<i>For Elevated Installation &gt;40', Add</i>	55.27	
<i>For Work In Restricted Working Space, Add</i>	30.15	

26 05 33 13-1192 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes (26 05 33 13-0843)  
 Note: Excludes cover.



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1193	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 131.56		33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33 13-1194	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 144.73		37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1195	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 161.66		43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33 13-1196	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 145.87		33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33 13-1197	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 157.25		37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1198	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box ..... 179.05		43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33 13-1199			<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes</b> <small>(26 05 33 13-0843)</small>		
			Note: Excludes cover.		
26 05 33 13-1200	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box ..... 138.32		33.04
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.61	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.22	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.52	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.13	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.43	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.04	
			<i>For Elevated Installation &gt;40', Add</i>	36.34	
			<i>For Work In Restricted Working Space, Add</i>	19.82	
26 05 33 13-1201	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box ..... 152.34		37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	
26 05 33 13-1202	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box ..... 166.92		43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1203 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	155.55	33.04
For Elevated Installation >10' To 15', Add	6.61	
For Elevated Installation >15' To 20', Add	13.22	
For Elevated Installation >20' To 25', Add	16.52	
For Elevated Installation >25' To 30', Add	23.13	
For Elevated Installation >30' To 35', Add	26.43	
For Elevated Installation >35' To 40', Add	33.04	
For Elevated Installation >40', Add	36.34	
For Work In Restricted Working Space, Add	19.82	
26 05 33 13-1204 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	169.74	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
26 05 33 13-1205 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	191.91	43.37
For Elevated Installation >10' To 15', Add	8.67	
For Elevated Installation >15' To 20', Add	17.34	
For Elevated Installation >20' To 25', Add	21.68	
For Elevated Installation >25' To 30', Add	30.35	
For Elevated Installation >30' To 35', Add	34.69	
For Elevated Installation >35' To 40', Add	43.36	
For Elevated Installation >40', Add	47.70	
For Work In Restricted Working Space, Add	26.02	
<b>26 05 33 13-1206 Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1207 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover .....	48.77	4.13
For Elevated Installation >10' To 15', Add	0.83	
For Elevated Installation >15' To 20', Add	1.65	
For Elevated Installation >20' To 25', Add	2.07	
For Elevated Installation >25' To 30', Add	2.89	
For Elevated Installation >30' To 35', Add	3.30	
For Elevated Installation >35' To 40', Add	4.13	
For Elevated Installation >40', Add	4.54	
For Work In Restricted Working Space, Add	2.48	
26 05 33 13-1208 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover.....	66.31	4.82
For Elevated Installation >10' To 15', Add	0.96	
For Elevated Installation >15' To 20', Add	1.93	
For Elevated Installation >20' To 25', Add	2.41	
For Elevated Installation >25' To 30', Add	3.37	
For Elevated Installation >30' To 35', Add	3.86	
For Elevated Installation >35' To 40', Add	4.82	
For Elevated Installation >40', Add	5.30	
For Work In Restricted Working Space, Add	2.89	
26 05 33 13-1209 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover.....	62.60	4.82
For Elevated Installation >10' To 15', Add	0.96	
For Elevated Installation >15' To 20', Add	1.93	
For Elevated Installation >20' To 25', Add	2.41	
For Elevated Installation >25' To 30', Add	3.37	
For Elevated Installation >30' To 35', Add	3.86	
For Elevated Installation >35' To 40', Add	4.82	
For Elevated Installation >40', Add	5.30	
For Work In Restricted Working Space, Add	2.89	
26 05 33 13-1210 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover.....	55.66	4.82
For Elevated Installation >10' To 15', Add	0.96	
For Elevated Installation >15' To 20', Add	1.93	
For Elevated Installation >20' To 25', Add	2.41	
For Elevated Installation >25' To 30', Add	3.37	
For Elevated Installation >30' To 35', Add	3.86	
For Elevated Installation >35' To 40', Add	4.82	
For Elevated Installation >40', Add	5.30	
For Work In Restricted Working Space, Add	2.89	
26 05 33 13-1211 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover.....	270.92	6.88
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Work In Restricted Working Space, Add	4.13	
26 05 33 13-1212 EA Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover.....	240.84	6.88
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Work In Restricted Working Space, Add	4.13	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1213	<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies</b> <small>(26 05 33 13-0843)</small> Note: Includes covers.		
26 05 33 13-1214	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 284.14 For Elevated Installation >10' To 15', Add 8.67 For Elevated Installation >15' To 20', Add 17.34 For Elevated Installation >20' To 25', Add 21.68 For Elevated Installation >25' To 30', Add 30.35 For Elevated Installation >30' To 35', Add 34.69 For Elevated Installation >35' To 40', Add 43.36 For Elevated Installation >40', Add 47.70 For Work In Restricted Working Space, Add 26.02		43.37
26 05 33 13-1215	EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 319.21 For Elevated Installation >10' To 15', Add 10.05 For Elevated Installation >15' To 20', Add 20.10 For Elevated Installation >20' To 25', Add 25.12 For Elevated Installation >25' To 30', Add 35.17 For Elevated Installation >30' To 35', Add 40.20 For Elevated Installation >35' To 40', Add 50.25 For Elevated Installation >40', Add 55.27 For Work In Restricted Working Space, Add 30.15		50.24
26 05 33 13-1216	EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 440.31 For Elevated Installation >10' To 15', Add 11.01 For Elevated Installation >15' To 20', Add 22.02 For Elevated Installation >20' To 25', Add 27.53 For Elevated Installation >25' To 30', Add 38.54 For Elevated Installation >30' To 35', Add 44.05 For Elevated Installation >35' To 40', Add 55.06 For Elevated Installation >40', Add 60.57 For Work In Restricted Working Space, Add 33.04		55.07
26 05 33 13-1217	EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 524.69 For Elevated Installation >10' To 15', Add 13.22 For Elevated Installation >15' To 20', Add 26.43 For Elevated Installation >20' To 25', Add 33.04 For Elevated Installation >25' To 30', Add 46.25 For Elevated Installation >30' To 35', Add 52.86 For Elevated Installation >35' To 40', Add 66.08 For Elevated Installation >40', Add 72.68 For Work In Restricted Working Space, Add 39.65		66.08
26 05 33 13-1218	EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 757.91 For Elevated Installation >10' To 15', Add 18.58 For Elevated Installation >15' To 20', Add 37.17 For Elevated Installation >20' To 25', Add 46.46 For Elevated Installation >25' To 30', Add 65.04 For Elevated Installation >30' To 35', Add 74.33 For Elevated Installation >35' To 40', Add 92.92 For Elevated Installation >40', Add 102.21 For Work In Restricted Working Space, Add 55.75		92.92
26 05 33 13-1219	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 956.54 For Elevated Installation >10' To 15', Add 24.78 For Elevated Installation >15' To 20', Add 49.56 For Elevated Installation >20' To 25', Add 61.95 For Elevated Installation >25' To 30', Add 86.72 For Elevated Installation >30' To 35', Add 99.11 For Elevated Installation >35' To 40', Add 123.89 For Elevated Installation >40', Add 136.28 For Work In Restricted Working Space, Add 74.33		123.89
26 05 33 13-1220	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 1,401.29 For Elevated Installation >10' To 15', Add 30.97 For Elevated Installation >15' To 20', Add 61.94 For Elevated Installation >20' To 25', Add 77.43 For Elevated Installation >25' To 30', Add 108.40 For Elevated Installation >30' To 35', Add 123.89 For Elevated Installation >35' To 40', Add 154.86 For Elevated Installation >40', Add 170.35 For Work In Restricted Working Space, Add 92.92		154.86
26 05 33 13-1221	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body ..... 1,738.63 For Elevated Installation >10' To 15', Add 37.72 For Elevated Installation >15' To 20', Add 75.44 For Elevated Installation >20' To 25', Add 94.30 For Elevated Installation >25' To 30', Add 132.01 For Elevated Installation >30' To 35', Add 150.87 For Elevated Installation >35' To 40', Add 188.59 For Elevated Installation >40', Add 207.45 For Work In Restricted Working Space, Add 113.15		188.59
26 05 33 13-1222	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body ..... 284.14 For Elevated Installation >10' To 15', Add 8.67 For Elevated Installation >15' To 20', Add 17.34 For Elevated Installation >20' To 25', Add 21.68 For Elevated Installation >25' To 30', Add 30.35 For Elevated Installation >30' To 35', Add 34.69 For Elevated Installation >35' To 40', Add 43.36 For Elevated Installation >40', Add 47.70 For Work In Restricted Working Space, Add 26.02		43.37



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1223 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	319.21	50.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
<i>For Elevated Installation &gt;40', Add</i>	55.27	
<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33 13-1224 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	439.10	55.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
<i>For Elevated Installation &gt;40', Add</i>	60.57	
<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33 13-1225 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	512.44	66.08
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
<i>For Elevated Installation &gt;40', Add</i>	72.68	
<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33 13-1226 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	769.19	92.92
<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17	
<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46	
<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	74.33	
<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92	
<i>For Elevated Installation &gt;40', Add</i>	102.21	
<i>For Work In Restricted Working Space, Add</i>	55.75	
26 05 33 13-1227 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	1,007.14	123.89
<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
<i>For Elevated Installation &gt;25' To 30', Add</i>	86.72	
<i>For Elevated Installation &gt;30' To 35', Add</i>	99.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	123.89	
<i>For Elevated Installation &gt;40', Add</i>	136.28	
<i>For Work In Restricted Working Space, Add</i>	74.33	
26 05 33 13-1228 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	1,462.37	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
<i>For Elevated Installation &gt;40', Add</i>	170.35	
<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33 13-1229 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body .....	1,776.67	188.59
<i>For Elevated Installation &gt;10' To 15', Add</i>	37.72	
<i>For Elevated Installation &gt;15' To 20', Add</i>	75.44	
<i>For Elevated Installation &gt;20' To 25', Add</i>	94.30	
<i>For Elevated Installation &gt;25' To 30', Add</i>	132.01	
<i>For Elevated Installation &gt;30' To 35', Add</i>	150.87	
<i>For Elevated Installation &gt;35' To 40', Add</i>	188.59	
<i>For Elevated Installation &gt;40', Add</i>	207.45	
<i>For Work In Restricted Working Space, Add</i>	113.15	
26 05 33 13-1230 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	284.14	43.37
<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
<i>For Elevated Installation &gt;40', Add</i>	47.70	
<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33 13-1231 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	319.21	50.24
<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
<i>For Elevated Installation &gt;40', Add</i>	55.27	
<i>For Work In Restricted Working Space, Add</i>	30.15	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1232	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	439.10	55.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
			<i>For Elevated Installation &gt;40', Add</i>	60.57	
			<i>For Work In Restricted Working Space, Add</i>	33.04	
26 05 33	13-1233	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	512.44	66.08
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.22	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	26.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	33.04	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	46.25	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	52.86	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	66.08	
			<i>For Elevated Installation &gt;40', Add</i>	72.68	
			<i>For Work In Restricted Working Space, Add</i>	39.65	
26 05 33	13-1234	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	769.19	92.92
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.58	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	46.46	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	65.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	74.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	92.92	
			<i>For Elevated Installation &gt;40', Add</i>	102.21	
			<i>For Work In Restricted Working Space, Add</i>	55.75	
26 05 33	13-1235	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	1,007.14	123.89
			<i>For Elevated Installation &gt;10' To 15', Add</i>	24.78	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	49.56	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	61.95	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	86.72	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	99.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	123.89	
			<i>For Elevated Installation &gt;40', Add</i>	136.28	
			<i>For Work In Restricted Working Space, Add</i>	74.33	
26 05 33	13-1236	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	1,462.37	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33	13-1237	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body .....	1,776.67	188.59
			<i>For Elevated Installation &gt;10' To 15', Add</i>	37.72	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	75.44	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	94.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	132.01	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	150.87	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	188.59	
			<i>For Elevated Installation &gt;40', Add</i>	207.45	
			<i>For Work In Restricted Working Space, Add</i>	113.15	
26 05 33	13-1238	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body .....	284.14	43.37
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	17.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	30.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	34.69	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	43.36	
			<i>For Elevated Installation &gt;40', Add</i>	47.70	
			<i>For Work In Restricted Working Space, Add</i>	26.02	
26 05 33	13-1239	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body .....	319.21	50.24
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.05	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.10	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.20	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.25	
			<i>For Elevated Installation &gt;40', Add</i>	55.27	
			<i>For Work In Restricted Working Space, Add</i>	30.15	
26 05 33	13-1240	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body .....	440.31	55.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	11.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	22.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.54	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	44.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	55.06	
			<i>For Elevated Installation &gt;40', Add</i>	60.57	
			<i>For Work In Restricted Working Space, Add</i>	33.04	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1241 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	519.04	66.08
For Elevated Installation >10' To 15', Add	13.22	
For Elevated Installation >15' To 20', Add	26.43	
For Elevated Installation >20' To 25', Add	33.04	
For Elevated Installation >25' To 30', Add	46.25	
For Elevated Installation >30' To 35', Add	52.86	
For Elevated Installation >35' To 40', Add	66.08	
For Elevated Installation >40', Add	72.68	
For Work In Restricted Working Space, Add	39.65	
26 05 33 13-1242 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body .....	757.91	92.92
For Elevated Installation >10' To 15', Add	18.58	
For Elevated Installation >15' To 20', Add	37.17	
For Elevated Installation >20' To 25', Add	46.46	
For Elevated Installation >25' To 30', Add	65.04	
For Elevated Installation >30' To 35', Add	74.33	
For Elevated Installation >35' To 40', Add	92.92	
For Elevated Installation >40', Add	102.21	
For Work In Restricted Working Space, Add	55.75	
26 05 33 13-1243 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	956.54	123.89
For Elevated Installation >10' To 15', Add	24.78	
For Elevated Installation >15' To 20', Add	49.56	
For Elevated Installation >20' To 25', Add	61.95	
For Elevated Installation >25' To 30', Add	86.72	
For Elevated Installation >30' To 35', Add	99.11	
For Elevated Installation >35' To 40', Add	123.89	
For Elevated Installation >40', Add	136.28	
For Work In Restricted Working Space, Add	74.33	
26 05 33 13-1244 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body .....	1,401.29	154.86
For Elevated Installation >10' To 15', Add	30.97	
For Elevated Installation >15' To 20', Add	61.94	
For Elevated Installation >20' To 25', Add	77.43	
For Elevated Installation >25' To 30', Add	108.40	
For Elevated Installation >30' To 35', Add	123.89	
For Elevated Installation >35' To 40', Add	154.86	
For Elevated Installation >40', Add	170.35	
For Work In Restricted Working Space, Add	92.92	
26 05 33 13-1245 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,754.47	188.59
For Elevated Installation >10' To 15', Add	37.72	
For Elevated Installation >15' To 20', Add	75.44	
For Elevated Installation >20' To 25', Add	94.30	
For Elevated Installation >25' To 30', Add	132.01	
For Elevated Installation >30' To 35', Add	150.87	
For Elevated Installation >35' To 40', Add	188.59	
For Elevated Installation >40', Add	207.45	
For Work In Restricted Working Space, Add	113.15	
<b>26 05 33 13-1246 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers <small>(26 05 33 13-0843)</small></b>		
26 05 33 13-1247 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	141.01	6.20
For Elevated Installation >10' To 15', Add	1.24	
For Elevated Installation >15' To 20', Add	2.48	
For Elevated Installation >20' To 25', Add	3.10	
For Elevated Installation >25' To 30', Add	4.34	
For Elevated Installation >30' To 35', Add	4.96	
For Elevated Installation >35' To 40', Add	6.20	
For Elevated Installation >40', Add	6.81	
For Work In Restricted Working Space, Add	3.72	
26 05 33 13-1248 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	142.39	6.88
For Elevated Installation >10' To 15', Add	1.38	
For Elevated Installation >15' To 20', Add	2.75	
For Elevated Installation >20' To 25', Add	3.44	
For Elevated Installation >25' To 30', Add	4.82	
For Elevated Installation >30' To 35', Add	5.51	
For Elevated Installation >35' To 40', Add	6.89	
For Elevated Installation >40', Add	7.57	
For Work In Restricted Working Space, Add	4.13	
26 05 33 13-1249 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	201.29	9.64
For Elevated Installation >10' To 15', Add	1.93	
For Elevated Installation >15' To 20', Add	3.85	
For Elevated Installation >20' To 25', Add	4.82	
For Elevated Installation >25' To 30', Add	6.74	
For Elevated Installation >30' To 35', Add	7.71	
For Elevated Installation >35' To 40', Add	9.64	
For Elevated Installation >40', Add	10.60	
For Work In Restricted Working Space, Add	5.78	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1250	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	204.05	11.01
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.20	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.41	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.51	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.81	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	11.02	
			<i>For Elevated Installation &gt;40', Add</i>	12.12	
			<i>For Work In Restricted Working Space, Add</i>	6.61	
26 05 33	13-1251	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	356.44	13.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
			<i>For Elevated Installation &gt;40', Add</i>	14.38	
			<i>For Work In Restricted Working Space, Add</i>	7.85	
26 05 33	13-1252	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	363.33	16.51
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.26	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.56	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.52	
			<i>For Elevated Installation &gt;40', Add</i>	18.17	
			<i>For Work In Restricted Working Space, Add</i>	9.91	
26 05 33	13-1253	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	547.12	18.58
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.72	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.43	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.29	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.01	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	14.87	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	18.59	
			<i>For Elevated Installation &gt;40', Add</i>	20.44	
			<i>For Work In Restricted Working Space, Add</i>	11.15	
26 05 33	13-1254	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	558.13	24.09
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.64	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.05	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.86	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	19.27	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	24.09	
			<i>For Elevated Installation &gt;40', Add</i>	26.50	
			<i>For Work In Restricted Working Space, Add</i>	14.45	
26 05 33	13-1255		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings</b> (26 05 33 13-0843)		
26 05 33	13-1256	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	242.94	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33	13-1257	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	287.06	21.34
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
			<i>For Elevated Installation &gt;40', Add</i>	23.47	
			<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33	13-1258	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	339.81	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1259 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	418.59	30.28
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
For Work In Restricted Working Space, Add	18.17	
26 05 33 13-1260 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	559.46	34.41
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
For Work In Restricted Working Space, Add	20.65	
26 05 33 13-1261 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	774.45	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
26 05 33 13-1262 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,105.93	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
For Work In Restricted Working Space, Add	28.49	
26 05 33 13-1263 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,375.24	64.70
For Elevated Installation >10' To 15', Add	12.94	
For Elevated Installation >15' To 20', Add	25.88	
For Elevated Installation >20' To 25', Add	32.35	
For Elevated Installation >25' To 30', Add	45.29	
For Elevated Installation >30' To 35', Add	51.76	
For Elevated Installation >35' To 40', Add	64.70	
For Elevated Installation >40', Add	71.16	
For Work In Restricted Working Space, Add	38.82	
26 05 33 13-1264 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,929.26	72.95
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
For Work In Restricted Working Space, Add	43.78	
26 05 33 13-1265 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	2,223.70	94.98
For Elevated Installation >10' To 15', Add	19.00	
For Elevated Installation >15' To 20', Add	37.99	
For Elevated Installation >20' To 25', Add	47.49	
For Elevated Installation >25' To 30', Add	66.49	
For Elevated Installation >30' To 35', Add	75.98	
For Elevated Installation >35' To 40', Add	94.98	
For Elevated Installation >40', Add	104.48	
For Work In Restricted Working Space, Add	56.99	
<b>26 05 33 13-1266 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1267 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	385.80	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1268	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	400.69	21.34
		<i>For Elevated Installation &gt;10' To 15', Add</i>		4.27	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		8.53	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		10.67	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		14.93	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		17.07	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		21.34	
		<i>For Elevated Installation &gt;40', Add</i>		23.47	
		<i>For Work In Restricted Working Space, Add</i>		12.80	
26 05 33 13-1269	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	450.06	26.15
		<i>For Elevated Installation &gt;10' To 15', Add</i>		5.23	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		10.46	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		13.08	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		18.31	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		20.92	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		26.16	
		<i>For Elevated Installation &gt;40', Add</i>		28.77	
		<i>For Work In Restricted Working Space, Add</i>		15.69	
26 05 33 13-1270	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	544.59	30.28
		<i>For Elevated Installation &gt;10' To 15', Add</i>		6.06	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		12.11	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		15.14	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		21.20	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		24.23	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		30.29	
		<i>For Elevated Installation &gt;40', Add</i>		33.31	
		<i>For Work In Restricted Working Space, Add</i>		18.17	
26 05 33 13-1271	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	660.06	34.41
		<i>For Elevated Installation &gt;10' To 15', Add</i>		6.88	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		13.76	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		17.21	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		24.09	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		27.53	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		34.41	
		<i>For Elevated Installation &gt;40', Add</i>		37.85	
		<i>For Work In Restricted Working Space, Add</i>		20.65	
26 05 33 13-1272	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	843.71	37.85
		<i>For Elevated Installation &gt;10' To 15', Add</i>		7.57	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		15.14	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		18.93	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		26.50	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		30.28	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		37.86	
		<i>For Elevated Installation &gt;40', Add</i>		41.64	
		<i>For Work In Restricted Working Space, Add</i>		22.71	
26 05 33 13-1273	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	1,245.45	47.49
		<i>For Elevated Installation &gt;10' To 15', Add</i>		9.50	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		19.00	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		23.75	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		33.24	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		37.99	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		47.49	
		<i>For Elevated Installation &gt;40', Add</i>		52.24	
		<i>For Work In Restricted Working Space, Add</i>		28.49	
26 05 33 13-1274	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	1,561.67	64.70
		<i>For Elevated Installation &gt;10' To 15', Add</i>		12.94	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		25.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		32.35	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		45.29	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		51.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		64.70	
		<i>For Elevated Installation &gt;40', Add</i>		71.16	
		<i>For Work In Restricted Working Space, Add</i>		38.82	
26 05 33 13-1275	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	.....	1,989.45	72.95
		<i>For Elevated Installation &gt;10' To 15', Add</i>		14.59	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		29.18	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		36.48	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		51.07	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		58.37	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		72.96	
		<i>For Elevated Installation &gt;40', Add</i>		80.26	
		<i>For Work In Restricted Working Space, Add</i>		43.78	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1276 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper .....	2,490.26	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.48	
<i>For Work In Restricted Working Space, Add</i>	56.99	
<b>26 05 33 13-1277 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs (26 05 33 13-0843)</b>		
26 05 33 13-1278 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	80.31	8.26
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.65	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.30	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.13	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.78	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.60	
<i>For Elevated Installation &gt;35' To 40', Add</i>	8.26	
<i>For Elevated Installation &gt;40', Add</i>	9.08	
<i>For Work In Restricted Working Space, Add</i>	4.95	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.95	
26 05 33 13-1279 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	87.13	10.33
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
<i>For Elevated Installation &gt;40', Add</i>	11.35	
<i>For Work In Restricted Working Space, Add</i>	6.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33 13-1280 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	95.91	12.39
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.96	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.20	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	9.91	
<i>For Elevated Installation &gt;35' To 40', Add</i>	12.39	
<i>For Elevated Installation &gt;40', Add</i>	13.63	
<i>For Work In Restricted Working Space, Add</i>	7.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.43	
26 05 33 13-1281 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	108.54	15.14
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
<i>For Elevated Installation &gt;40', Add</i>	16.65	
<i>For Work In Restricted Working Space, Add</i>	9.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33 13-1282 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	148.88	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.32	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-1283 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	178.20	19.27
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
<i>For Elevated Installation &gt;40', Add</i>	21.20	
<i>For Work In Restricted Working Space, Add</i>	11.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	
26 05 33 13-1284 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub .....	254.96	24.09
<i>For Elevated Installation &gt;10' To 15', Add</i>	4.82	
<i>For Elevated Installation &gt;15' To 20', Add</i>	9.64	
<i>For Elevated Installation &gt;20' To 25', Add</i>	12.05	
<i>For Elevated Installation &gt;25' To 30', Add</i>	16.86	
<i>For Elevated Installation &gt;30' To 35', Add</i>	19.27	
<i>For Elevated Installation &gt;35' To 40', Add</i>	24.09	
<i>For Elevated Installation &gt;40', Add</i>	26.50	
<i>For Work In Restricted Working Space, Add</i>	14.45	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.45	



**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1285	EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub ..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	332.88 6.47 12.94 16.18 22.65 25.88 32.35 35.59 19.41 19.41	32.35
26 05 33 13-1286	EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub ..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	424.85 7.30 14.59 18.24 25.53 29.18 36.48 40.12 21.89 21.89	36.48
26 05 33 13-1287	EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub ..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	534.41 9.50 19.00 23.75 33.24 37.99 47.49 52.24 28.49 28.49	47.49
26 05 33 13-1288	EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub ..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	665.21 15.42 30.83 38.54 53.96 61.67 77.09 84.79 46.25 46.25	77.08
26 05 33 13-1289	EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub ..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,003.26 23.26 46.53 58.16 81.42 93.06 116.32 127.95 69.79 69.79	116.32
<b>26 05 33 13-1290 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs (26 05 33 13-0843)</b>			
26 05 33 13-1291	EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.90 1.65 3.30 4.13 5.78 6.60 8.26 9.08 4.95 4.95	8.26
26 05 33 13-1292	EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.01 2.06 4.13 5.16 7.22 8.26 10.32 11.35 6.19 6.19	10.33
26 05 33 13-1293	EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub..... <i>For Elevated Installation &gt;10' To 15', Add</i> <i>For Elevated Installation &gt;15' To 20', Add</i> <i>For Elevated Installation &gt;20' To 25', Add</i> <i>For Elevated Installation &gt;25' To 30', Add</i> <i>For Elevated Installation &gt;30' To 35', Add</i> <i>For Elevated Installation &gt;35' To 40', Add</i> <i>For Elevated Installation &gt;40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	137.68 2.48 4.96 6.20 8.67 9.91 12.39 13.63 7.43 7.43	12.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1294 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....	157.25	15.14
For Elevated Installation >10' To 15', Add	3.03	
For Elevated Installation >15' To 20', Add	6.06	
For Elevated Installation >20' To 25', Add	7.57	
For Elevated Installation >25' To 30', Add	10.60	
For Elevated Installation >30' To 35', Add	12.11	
For Elevated Installation >35' To 40', Add	15.14	
For Elevated Installation >40', Add	16.65	
For Work In Restricted Working Space, Add	9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08	
26 05 33 13-1295 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....	168.88	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.32	
26 05 33 13-1296 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	191.01	19.27
For Elevated Installation >10' To 15', Add	3.85	
For Elevated Installation >15' To 20', Add	7.71	
For Elevated Installation >20' To 25', Add	9.64	
For Elevated Installation >25' To 30', Add	13.49	
For Elevated Installation >30' To 35', Add	15.42	
For Elevated Installation >35' To 40', Add	19.27	
For Elevated Installation >40', Add	21.20	
For Work In Restricted Working Space, Add	11.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.56	
26 05 33 13-1297 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....	290.92	24.09
For Elevated Installation >10' To 15', Add	4.82	
For Elevated Installation >15' To 20', Add	9.64	
For Elevated Installation >20' To 25', Add	12.05	
For Elevated Installation >25' To 30', Add	16.86	
For Elevated Installation >30' To 35', Add	19.27	
For Elevated Installation >35' To 40', Add	24.09	
For Elevated Installation >40', Add	26.50	
For Work In Restricted Working Space, Add	14.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.45	
26 05 33 13-1298 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	348.39	32.35
For Elevated Installation >10' To 15', Add	6.47	
For Elevated Installation >15' To 20', Add	12.94	
For Elevated Installation >20' To 25', Add	16.18	
For Elevated Installation >25' To 30', Add	22.65	
For Elevated Installation >30' To 35', Add	25.88	
For Elevated Installation >35' To 40', Add	32.35	
For Elevated Installation >40', Add	35.59	
For Work In Restricted Working Space, Add	19.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.41	
26 05 33 13-1299 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub .....	428.20	36.48
For Elevated Installation >10' To 15', Add	7.30	
For Elevated Installation >15' To 20', Add	14.59	
For Elevated Installation >20' To 25', Add	18.24	
For Elevated Installation >25' To 30', Add	25.53	
For Elevated Installation >30' To 35', Add	29.18	
For Elevated Installation >35' To 40', Add	36.48	
For Elevated Installation >40', Add	40.12	
For Work In Restricted Working Space, Add	21.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.89	
26 05 33 13-1300 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	556.03	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
For Work In Restricted Working Space, Add	28.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	
26 05 33 13-1301 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	865.11	77.08
For Elevated Installation >10' To 15', Add	15.42	
For Elevated Installation >15' To 20', Add	30.83	
For Elevated Installation >20' To 25', Add	38.54	
For Elevated Installation >25' To 30', Add	53.96	
For Elevated Installation >30' To 35', Add	61.67	
For Elevated Installation >35' To 40', Add	77.09	
For Elevated Installation >40', Add	84.79	
For Work In Restricted Working Space, Add	46.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.25	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1302	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	1,415.20	116.32
			<i>For Elevated Installation &gt;10' To 15', Add</i>	23.26	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	46.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	58.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	81.42	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	93.06	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	116.32	
			<i>For Elevated Installation &gt;40', Add</i>	127.95	
			<i>For Work In Restricted Working Space, Add</i>	69.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.79	
<b>26 05 33 13-1303 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs (26 05 33 13-0843)</b>					
26 05 33 13-1304	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	129.92	8.26
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.30	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.13	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	5.78	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	6.60	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.26	
			<i>For Elevated Installation &gt;40', Add</i>	9.08	
			<i>For Work In Restricted Working Space, Add</i>	4.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.95	
26 05 33 13-1305	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	136.57	10.33
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
			<i>For Elevated Installation &gt;40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33 13-1306	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	146.63	12.39
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.48	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.96	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.20	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	8.67	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	9.91	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	12.39	
			<i>For Elevated Installation &gt;40', Add</i>	13.63	
			<i>For Work In Restricted Working Space, Add</i>	7.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.43	
26 05 33 13-1307	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	184.42	15.14
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
			<i>For Elevated Installation &gt;40', Add</i>	16.65	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33 13-1308	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	201.68	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33 13-1309	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub .....	213.64	19.27
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
			<i>For Elevated Installation &gt;40', Add</i>	21.20	
			<i>For Work In Restricted Working Space, Add</i>	11.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	

**26 05 33 13-1310 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions (26 05 33 13-0843)**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1311 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	97.02	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
26 05 33 13-1312 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	106.42	21.34
For Elevated Installation >10' To 15', Add	4.27	
For Elevated Installation >15' To 20', Add	8.53	
For Elevated Installation >20' To 25', Add	10.67	
For Elevated Installation >25' To 30', Add	14.93	
For Elevated Installation >30' To 35', Add	17.07	
For Elevated Installation >35' To 40', Add	21.34	
For Elevated Installation >40', Add	23.47	
For Work In Restricted Working Space, Add	12.80	
26 05 33 13-1313 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	137.78	26.15
For Elevated Installation >10' To 15', Add	5.23	
For Elevated Installation >15' To 20', Add	10.46	
For Elevated Installation >20' To 25', Add	13.08	
For Elevated Installation >25' To 30', Add	18.31	
For Elevated Installation >30' To 35', Add	20.92	
For Elevated Installation >35' To 40', Add	26.16	
For Elevated Installation >40', Add	28.77	
For Work In Restricted Working Space, Add	15.69	
26 05 33 13-1314 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	198.12	30.28
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.11	
For Elevated Installation >20' To 25', Add	15.14	
For Elevated Installation >25' To 30', Add	21.20	
For Elevated Installation >30' To 35', Add	24.23	
For Elevated Installation >35' To 40', Add	30.29	
For Elevated Installation >40', Add	33.31	
For Work In Restricted Working Space, Add	18.17	
26 05 33 13-1315 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	234.73	34.41
For Elevated Installation >10' To 15', Add	6.88	
For Elevated Installation >15' To 20', Add	13.76	
For Elevated Installation >20' To 25', Add	17.21	
For Elevated Installation >25' To 30', Add	24.09	
For Elevated Installation >30' To 35', Add	27.53	
For Elevated Installation >35' To 40', Add	34.41	
For Elevated Installation >40', Add	37.85	
For Work In Restricted Working Space, Add	20.65	
26 05 33 13-1316 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	296.81	37.85
For Elevated Installation >10' To 15', Add	7.57	
For Elevated Installation >15' To 20', Add	15.14	
For Elevated Installation >20' To 25', Add	18.93	
For Elevated Installation >25' To 30', Add	26.50	
For Elevated Installation >30' To 35', Add	30.28	
For Elevated Installation >35' To 40', Add	37.86	
For Elevated Installation >40', Add	41.64	
For Work In Restricted Working Space, Add	22.71	
26 05 33 13-1317 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	394.31	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
For Work In Restricted Working Space, Add	28.49	
26 05 33 13-1318 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	507.65	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	19.00	
For Elevated Installation >20' To 25', Add	23.75	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.24	
For Work In Restricted Working Space, Add	28.49	
26 05 33 13-1319 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	657.81	72.95
For Elevated Installation >10' To 15', Add	14.59	
For Elevated Installation >15' To 20', Add	29.18	
For Elevated Installation >20' To 25', Add	36.48	
For Elevated Installation >25' To 30', Add	51.07	
For Elevated Installation >30' To 35', Add	58.37	
For Elevated Installation >35' To 40', Add	72.96	
For Elevated Installation >40', Add	80.26	
For Work In Restricted Working Space, Add	43.78	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1320	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	847.24	94.98
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
			<i>For Elevated Installation &gt;40', Add</i>	104.48	
			<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33	13-1321	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	1,538.25	154.86
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
			<i>For Elevated Installation &gt;40', Add</i>	170.35	
			<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33	13-1322	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union .....	1,928.45	232.64
			<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
			<i>For Elevated Installation &gt;40', Add</i>	255.90	
			<i>For Work In Restricted Working Space, Add</i>	139.58	
<b>26 05 33</b>	<b>13-1323</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions <small>(26 05 33 13-0843)</small></b>		
26 05 33	13-1324	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	99.13	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
26 05 33	13-1325	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	114.48	21.34
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.27	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.53	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.67	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.93	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	17.07	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	21.34	
			<i>For Elevated Installation &gt;40', Add</i>	23.47	
			<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33	13-1326	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	142.07	26.15
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.23	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	13.08	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	18.31	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	26.16	
			<i>For Elevated Installation &gt;40', Add</i>	28.77	
			<i>For Work In Restricted Working Space, Add</i>	15.69	
26 05 33	13-1327	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	206.00	30.28
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.11	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	15.14	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	21.20	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	24.23	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	30.29	
			<i>For Elevated Installation &gt;40', Add</i>	33.31	
			<i>For Work In Restricted Working Space, Add</i>	18.17	
26 05 33	13-1328	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	245.67	34.41
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
			<i>For Elevated Installation &gt;40', Add</i>	37.85	
			<i>For Work In Restricted Working Space, Add</i>	20.65	
26 05 33	13-1329	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union .....	320.44	37.85
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
			<i>For Elevated Installation &gt;40', Add</i>	41.64	
			<i>For Work In Restricted Working Space, Add</i>	22.71	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1330 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	444.87	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33 13-1331 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	559.06	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	19.00	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.24	
<i>For Work In Restricted Working Space, Add</i>	28.49	
26 05 33 13-1332 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	750.75	72.95
<i>For Elevated Installation &gt;10' To 15', Add</i>	14.59	
<i>For Elevated Installation &gt;15' To 20', Add</i>	29.18	
<i>For Elevated Installation &gt;20' To 25', Add</i>	36.48	
<i>For Elevated Installation &gt;25' To 30', Add</i>	51.07	
<i>For Elevated Installation &gt;30' To 35', Add</i>	58.37	
<i>For Elevated Installation &gt;35' To 40', Add</i>	72.96	
<i>For Elevated Installation &gt;40', Add</i>	80.26	
<i>For Work In Restricted Working Space, Add</i>	43.78	
26 05 33 13-1333 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	939.83	94.98
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.00	
<i>For Elevated Installation &gt;15' To 20', Add</i>	37.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.49	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.49	
<i>For Elevated Installation &gt;30' To 35', Add</i>	75.98	
<i>For Elevated Installation &gt;35' To 40', Add</i>	94.98	
<i>For Elevated Installation &gt;40', Add</i>	104.48	
<i>For Work In Restricted Working Space, Add</i>	56.99	
26 05 33 13-1334 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,707.99	154.86
<i>For Elevated Installation &gt;10' To 15', Add</i>	30.97	
<i>For Elevated Installation &gt;15' To 20', Add</i>	61.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	77.43	
<i>For Elevated Installation &gt;25' To 30', Add</i>	108.40	
<i>For Elevated Installation &gt;30' To 35', Add</i>	123.89	
<i>For Elevated Installation &gt;35' To 40', Add</i>	154.86	
<i>For Elevated Installation &gt;40', Add</i>	170.35	
<i>For Work In Restricted Working Space, Add</i>	92.92	
26 05 33 13-1335 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	2,202.53	232.64
<i>For Elevated Installation &gt;10' To 15', Add</i>	46.53	
<i>For Elevated Installation &gt;15' To 20', Add</i>	93.06	
<i>For Elevated Installation &gt;20' To 25', Add</i>	116.32	
<i>For Elevated Installation &gt;25' To 30', Add</i>	162.85	
<i>For Elevated Installation &gt;30' To 35', Add</i>	186.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	232.64	
<i>For Elevated Installation &gt;40', Add</i>	255.90	
<i>For Work In Restricted Working Space, Add</i>	139.58	
<b>26 05 33 13-1336 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1337 EA 3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	53.37	5.50
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.10	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.20	
<i>For Elevated Installation &gt;20' To 25', Add</i>	2.75	
<i>For Elevated Installation &gt;25' To 30', Add</i>	3.85	
<i>For Elevated Installation &gt;30' To 35', Add</i>	4.40	
<i>For Elevated Installation &gt;35' To 40', Add</i>	5.51	
<i>For Elevated Installation &gt;40', Add</i>	6.06	
<i>For Work In Restricted Working Space, Add</i>	3.30	
26 05 33 13-1338 EA 1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	58.67	6.88
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
<i>For Elevated Installation &gt;40', Add</i>	7.57	
<i>For Work In Restricted Working Space, Add</i>	4.13	
26 05 33 13-1339 EA 1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	66.58	6.88
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.38	
<i>For Elevated Installation &gt;15' To 20', Add</i>	2.75	
<i>For Elevated Installation &gt;20' To 25', Add</i>	3.44	
<i>For Elevated Installation &gt;25' To 30', Add</i>	4.82	
<i>For Elevated Installation &gt;30' To 35', Add</i>	5.51	
<i>For Elevated Installation &gt;35' To 40', Add</i>	6.89	
<i>For Elevated Installation &gt;40', Add</i>	7.57	
<i>For Work In Restricted Working Space, Add</i>	4.13	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1340	EA 1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	82.14	7.57
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.51	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.03	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.79	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	5.30	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	6.06	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	7.57	
	<i>For Elevated Installation &gt;40', Add</i>	8.33	
	<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-1341	EA 1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	86.70	7.57
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.51	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.03	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	3.79	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	5.30	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	6.06	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	7.57	
	<i>For Elevated Installation &gt;40', Add</i>	8.33	
	<i>For Work In Restricted Working Space, Add</i>	4.54	
26 05 33 13-1342	EA 1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	74.84	8.94
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
	<i>For Elevated Installation &gt;40', Add</i>	9.85	
	<i>For Work In Restricted Working Space, Add</i>	5.37	
26 05 33 13-1343	EA 1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	85.02	8.94
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
	<i>For Elevated Installation &gt;40', Add</i>	9.85	
	<i>For Work In Restricted Working Space, Add</i>	5.37	
26 05 33 13-1344	EA 1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	130.85	8.94
	<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
	<i>For Elevated Installation &gt;40', Add</i>	9.85	
	<i>For Work In Restricted Working Space, Add</i>	5.37	
26 05 33 13-1345	EA 2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	145.50	10.33
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
	<i>For Elevated Installation &gt;40', Add</i>	11.35	
	<i>For Work In Restricted Working Space, Add</i>	6.19	
26 05 33 13-1346	EA 2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	141.55	10.33
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
	<i>For Elevated Installation &gt;40', Add</i>	11.35	
	<i>For Work In Restricted Working Space, Add</i>	6.19	
26 05 33 13-1347	EA 2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	148.90	10.33
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
	<i>For Elevated Installation &gt;40', Add</i>	11.35	
	<i>For Work In Restricted Working Space, Add</i>	6.19	
26 05 33 13-1348	EA 2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	167.38	10.33
	<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
	<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
	<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
	<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
	<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
	<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
	<i>For Elevated Installation &gt;40', Add</i>	11.35	
	<i>For Work In Restricted Working Space, Add</i>	6.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1349 EA 2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....	166.55	12.39
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.48	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.96	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.20	
<i>For Elevated Installation &gt;25' To 30', Add</i>	8.67	
<i>For Elevated Installation &gt;30' To 35', Add</i>	9.91	
<i>For Elevated Installation &gt;35' To 40', Add</i>	12.39	
<i>For Elevated Installation &gt;40', Add</i>	13.63	
<i>For Work In Restricted Working Space, Add</i>	7.43	
26 05 33 13-1350 EA 3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....	212.58	17.21
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
<i>For Elevated Installation &gt;20' To 25', Add</i>	8.61	
<i>For Elevated Installation &gt;25' To 30', Add</i>	12.05	
<i>For Elevated Installation &gt;30' To 35', Add</i>	13.77	
<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
<i>For Elevated Installation &gt;40', Add</i>	18.93	
<i>For Work In Restricted Working Space, Add</i>	10.33	
26 05 33 13-1351 EA 3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....	312.23	19.96
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.99	
<i>For Elevated Installation &gt;15' To 20', Add</i>	7.98	
<i>For Elevated Installation &gt;20' To 25', Add</i>	9.98	
<i>For Elevated Installation &gt;25' To 30', Add</i>	13.97	
<i>For Elevated Installation &gt;30' To 35', Add</i>	15.97	
<i>For Elevated Installation &gt;35' To 40', Add</i>	19.96	
<i>For Elevated Installation &gt;40', Add</i>	21.96	
<i>For Work In Restricted Working Space, Add</i>	11.98	
26 05 33 13-1352 EA 4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....	417.87	27.53
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.51	
<i>For Elevated Installation &gt;15' To 20', Add</i>	11.01	
<i>For Elevated Installation &gt;20' To 25', Add</i>	13.77	
<i>For Elevated Installation &gt;25' To 30', Add</i>	19.27	
<i>For Elevated Installation &gt;30' To 35', Add</i>	22.03	
<i>For Elevated Installation &gt;35' To 40', Add</i>	27.54	
<i>For Elevated Installation &gt;40', Add</i>	30.29	
<i>For Work In Restricted Working Space, Add</i>	16.52	
26 05 33 13-1353 EA 5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling .....	523.02	37.85
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.57	
<i>For Elevated Installation &gt;15' To 20', Add</i>	15.14	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.93	
<i>For Elevated Installation &gt;25' To 30', Add</i>	26.50	
<i>For Elevated Installation &gt;30' To 35', Add</i>	30.28	
<i>For Elevated Installation &gt;35' To 40', Add</i>	37.86	
<i>For Elevated Installation &gt;40', Add</i>	41.64	
<i>For Work In Restricted Working Space, Add</i>	22.71	
<b>26 05 33 13-1354 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples</b> <small>(26 05 33 13-0843)</small>		
26 05 33 13-1355 EA 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	34.27	8.26
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.65	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.30	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.13	
<i>For Elevated Installation &gt;25' To 30', Add</i>	5.78	
<i>For Elevated Installation &gt;30' To 35', Add</i>	6.60	
<i>For Elevated Installation &gt;35' To 40', Add</i>	8.26	
<i>For Elevated Installation &gt;40', Add</i>	9.08	
<i>For Work In Restricted Working Space, Add</i>	4.95	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.95	
26 05 33 13-1356 EA 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	38.74	10.33
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
<i>For Elevated Installation &gt;40', Add</i>	11.35	
<i>For Work In Restricted Working Space, Add</i>	6.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33 13-1357 EA 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	45.24	13.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
<i>For Elevated Installation &gt;40', Add</i>	14.38	
<i>For Work In Restricted Working Space, Add</i>	7.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1358	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	53.76	15.14
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
			<i>For Elevated Installation &gt;40', Add</i>	16.65	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33	13-1359	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	58.66	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-1360	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	37.94	8.94
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
			<i>For Elevated Installation &gt;40', Add</i>	9.85	
			<i>For Work In Restricted Working Space, Add</i>	5.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 05 33	13-1361	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.16	10.33
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
			<i>For Elevated Installation &gt;40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33	13-1362	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	47.69	13.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
			<i>For Elevated Installation &gt;40', Add</i>	14.38	
			<i>For Work In Restricted Working Space, Add</i>	7.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85	
26 05 33	13-1363	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.36	15.14
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
			<i>For Elevated Installation &gt;40', Add</i>	16.65	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33	13-1364	EA	1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.46	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-1365	EA	2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	66.80	19.27
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
			<i>For Elevated Installation &gt;40', Add</i>	21.20	
			<i>For Work In Restricted Working Space, Add</i>	11.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1366 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	38.11	8.94
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.58	
For Elevated Installation >20' To 25', Add	4.48	
For Elevated Installation >25' To 30', Add	6.27	
For Elevated Installation >30' To 35', Add	7.16	
For Elevated Installation >35' To 40', Add	8.95	
For Elevated Installation >40', Add	9.85	
For Work In Restricted Working Space, Add	5.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.37	
26 05 33 13-1367 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.33	10.33
For Elevated Installation >10' To 15', Add	2.06	
For Elevated Installation >15' To 20', Add	4.13	
For Elevated Installation >20' To 25', Add	5.16	
For Elevated Installation >25' To 30', Add	7.22	
For Elevated Installation >30' To 35', Add	8.26	
For Elevated Installation >35' To 40', Add	10.32	
For Elevated Installation >40', Add	11.35	
For Work In Restricted Working Space, Add	6.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	
26 05 33 13-1368 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	48.01	13.07
For Elevated Installation >10' To 15', Add	2.62	
For Elevated Installation >15' To 20', Add	5.23	
For Elevated Installation >20' To 25', Add	6.54	
For Elevated Installation >25' To 30', Add	9.15	
For Elevated Installation >30' To 35', Add	10.46	
For Elevated Installation >35' To 40', Add	13.08	
For Elevated Installation >40', Add	14.38	
For Work In Restricted Working Space, Add	7.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.85	
26 05 33 13-1369 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.70	15.14
For Elevated Installation >10' To 15', Add	3.03	
For Elevated Installation >15' To 20', Add	6.06	
For Elevated Installation >20' To 25', Add	7.57	
For Elevated Installation >25' To 30', Add	10.60	
For Elevated Installation >30' To 35', Add	12.11	
For Elevated Installation >35' To 40', Add	15.14	
For Elevated Installation >40', Add	16.65	
For Work In Restricted Working Space, Add	9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08	
26 05 33 13-1370 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.80	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.32	
26 05 33 13-1371 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	67.68	19.27
For Elevated Installation >10' To 15', Add	3.85	
For Elevated Installation >15' To 20', Add	7.71	
For Elevated Installation >20' To 25', Add	9.64	
For Elevated Installation >25' To 30', Add	13.49	
For Elevated Installation >30' To 35', Add	15.42	
For Elevated Installation >35' To 40', Add	19.27	
For Elevated Installation >40', Add	21.20	
For Work In Restricted Working Space, Add	11.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.56	
26 05 33 13-1372 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.41	8.94
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.58	
For Elevated Installation >20' To 25', Add	4.48	
For Elevated Installation >25' To 30', Add	6.27	
For Elevated Installation >30' To 35', Add	7.16	
For Elevated Installation >35' To 40', Add	8.95	
For Elevated Installation >40', Add	9.85	
For Work In Restricted Working Space, Add	5.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.37	
26 05 33 13-1373 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.64	10.33
For Elevated Installation >10' To 15', Add	2.06	
For Elevated Installation >15' To 20', Add	4.13	
For Elevated Installation >20' To 25', Add	5.16	
For Elevated Installation >25' To 30', Add	7.22	
For Elevated Installation >30' To 35', Add	8.26	
For Elevated Installation >35' To 40', Add	10.32	
For Elevated Installation >40', Add	11.35	
For Work In Restricted Working Space, Add	6.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	



**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1374	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.48	13.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
			<i>For Elevated Installation &gt;40', Add</i>	14.38	
			<i>For Work In Restricted Working Space, Add</i>	7.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85	
26 05 33	13-1375	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	58.11	15.14
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
			<i>For Elevated Installation &gt;40', Add</i>	16.65	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33	13-1376	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	63.35	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-1377	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	70.39	19.27
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
			<i>For Elevated Installation &gt;40', Add</i>	21.20	
			<i>For Work In Restricted Working Space, Add</i>	11.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	
26 05 33	13-1378	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	97.35	23.40
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.68	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.36	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.70	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.72	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.40	
			<i>For Elevated Installation &gt;40', Add</i>	25.73	
			<i>For Work In Restricted Working Space, Add</i>	14.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.04	
26 05 33	13-1379	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	126.55	32.35
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.17	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.64	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	32.35	
			<i>For Elevated Installation &gt;40', Add</i>	35.58	
			<i>For Work In Restricted Working Space, Add</i>	19.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.41	
26 05 33	13-1380	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.58	8.94
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
			<i>For Elevated Installation &gt;40', Add</i>	9.85	
			<i>For Work In Restricted Working Space, Add</i>	5.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 05 33	13-1381	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.95	10.33
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
			<i>For Elevated Installation &gt;40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1382 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.82	13.07
For Elevated Installation >10' To 15', Add	2.62	
For Elevated Installation >15' To 20', Add	5.23	
For Elevated Installation >20' To 25', Add	6.54	
For Elevated Installation >25' To 30', Add	9.15	
For Elevated Installation >30' To 35', Add	10.46	
For Elevated Installation >35' To 40', Add	13.08	
For Elevated Installation >40', Add	14.38	
For Work In Restricted Working Space, Add	7.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.85	
26 05 33 13-1383 EA 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.51	15.14
For Elevated Installation >10' To 15', Add	3.03	
For Elevated Installation >15' To 20', Add	6.06	
For Elevated Installation >20' To 25', Add	7.57	
For Elevated Installation >25' To 30', Add	10.60	
For Elevated Installation >30' To 35', Add	12.11	
For Elevated Installation >35' To 40', Add	15.14	
For Elevated Installation >40', Add	16.65	
For Work In Restricted Working Space, Add	9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08	
26 05 33 13-1384 EA 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.90	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.32	
26 05 33 13-1385 EA 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	73.11	19.27
For Elevated Installation >10' To 15', Add	3.85	
For Elevated Installation >15' To 20', Add	7.71	
For Elevated Installation >20' To 25', Add	9.64	
For Elevated Installation >25' To 30', Add	13.49	
For Elevated Installation >30' To 35', Add	15.42	
For Elevated Installation >35' To 40', Add	19.27	
For Elevated Installation >40', Add	21.20	
For Work In Restricted Working Space, Add	11.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.56	
26 05 33 13-1386 EA 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	99.75	23.40
For Elevated Installation >10' To 15', Add	4.68	
For Elevated Installation >15' To 20', Add	9.36	
For Elevated Installation >20' To 25', Add	11.70	
For Elevated Installation >25' To 30', Add	16.38	
For Elevated Installation >30' To 35', Add	18.72	
For Elevated Installation >35' To 40', Add	23.40	
For Elevated Installation >40', Add	25.73	
For Work In Restricted Working Space, Add	14.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.04	
26 05 33 13-1387 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	131.72	32.35
For Elevated Installation >10' To 15', Add	6.47	
For Elevated Installation >15' To 20', Add	12.94	
For Elevated Installation >20' To 25', Add	16.17	
For Elevated Installation >25' To 30', Add	22.64	
For Elevated Installation >30' To 35', Add	25.88	
For Elevated Installation >35' To 40', Add	32.35	
For Elevated Installation >40', Add	35.58	
For Work In Restricted Working Space, Add	19.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.41	
26 05 33 13-1388 EA 3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	156.55	36.48
For Elevated Installation >10' To 15', Add	7.30	
For Elevated Installation >15' To 20', Add	14.59	
For Elevated Installation >20' To 25', Add	18.24	
For Elevated Installation >25' To 30', Add	25.53	
For Elevated Installation >30' To 35', Add	29.18	
For Elevated Installation >35' To 40', Add	36.48	
For Elevated Installation >40', Add	40.12	
For Work In Restricted Working Space, Add	21.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.89	
26 05 33 13-1389 EA 4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	184.41	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	18.99	
For Elevated Installation >20' To 25', Add	23.74	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.23	
For Work In Restricted Working Space, Add	28.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1390	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	40.90	8.94
			<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
			<i>For Elevated Installation &gt;40', Add</i>	9.85	
			<i>For Work In Restricted Working Space, Add</i>	5.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 05 33	13-1391	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	44.29	10.33
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
			<i>For Elevated Installation &gt;40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33	13-1392	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	51.19	13.07
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
			<i>For Elevated Installation &gt;40', Add</i>	14.38	
			<i>For Work In Restricted Working Space, Add</i>	7.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85	
26 05 33	13-1393	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	60.17	15.14
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
			<i>For Elevated Installation &gt;40', Add</i>	16.65	
			<i>For Work In Restricted Working Space, Add</i>	9.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	
26 05 33	13-1394	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	65.58	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-1395	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	74.59	19.27
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
			<i>For Elevated Installation &gt;40', Add</i>	21.20	
			<i>For Work In Restricted Working Space, Add</i>	11.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	
26 05 33	13-1396	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	109.31	23.40
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.68	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.36	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.70	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.72	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.40	
			<i>For Elevated Installation &gt;40', Add</i>	25.73	
			<i>For Work In Restricted Working Space, Add</i>	14.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.04	
26 05 33	13-1397	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	139.46	32.35
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.17	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.64	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	32.35	
			<i>For Elevated Installation &gt;40', Add</i>	35.58	
			<i>For Work In Restricted Working Space, Add</i>	19.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1398 EA 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	158.20	36.48
For Elevated Installation >10' To 15', Add	7.30	
For Elevated Installation >15' To 20', Add	14.59	
For Elevated Installation >20' To 25', Add	18.24	
For Elevated Installation >25' To 30', Add	25.53	
For Elevated Installation >30' To 35', Add	29.18	
For Elevated Installation >35' To 40', Add	36.48	
For Elevated Installation >40', Add	40.12	
For Work In Restricted Working Space, Add	21.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.89	
26 05 33 13-1399 EA 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	188.83	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	18.99	
For Elevated Installation >20' To 25', Add	23.74	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.23	
For Work In Restricted Working Space, Add	28.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	
26 05 33 13-1400 EA 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	276.76	65.38
For Elevated Installation >10' To 15', Add	13.08	
For Elevated Installation >15' To 20', Add	26.15	
For Elevated Installation >20' To 25', Add	32.69	
For Elevated Installation >25' To 30', Add	45.77	
For Elevated Installation >30' To 35', Add	52.31	
For Elevated Installation >35' To 40', Add	65.39	
For Elevated Installation >40', Add	71.92	
For Work In Restricted Working Space, Add	39.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.23	
26 05 33 13-1401 EA 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.50	8.94
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.58	
For Elevated Installation >20' To 25', Add	4.48	
For Elevated Installation >25' To 30', Add	6.27	
For Elevated Installation >30' To 35', Add	7.16	
For Elevated Installation >35' To 40', Add	8.95	
For Elevated Installation >40', Add	9.85	
For Work In Restricted Working Space, Add	5.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.37	
26 05 33 13-1402 EA 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	44.90	10.33
For Elevated Installation >10' To 15', Add	2.06	
For Elevated Installation >15' To 20', Add	4.13	
For Elevated Installation >20' To 25', Add	5.16	
For Elevated Installation >25' To 30', Add	7.22	
For Elevated Installation >30' To 35', Add	8.26	
For Elevated Installation >35' To 40', Add	10.32	
For Elevated Installation >40', Add	11.35	
For Work In Restricted Working Space, Add	6.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	
26 05 33 13-1403 EA 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	51.84	13.07
For Elevated Installation >10' To 15', Add	2.62	
For Elevated Installation >15' To 20', Add	5.23	
For Elevated Installation >20' To 25', Add	6.54	
For Elevated Installation >25' To 30', Add	9.15	
For Elevated Installation >30' To 35', Add	10.46	
For Elevated Installation >35' To 40', Add	13.08	
For Elevated Installation >40', Add	14.38	
For Work In Restricted Working Space, Add	7.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.85	
26 05 33 13-1404 EA 1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.38	15.14
For Elevated Installation >10' To 15', Add	3.03	
For Elevated Installation >15' To 20', Add	6.06	
For Elevated Installation >20' To 25', Add	7.57	
For Elevated Installation >25' To 30', Add	10.60	
For Elevated Installation >30' To 35', Add	12.11	
For Elevated Installation >35' To 40', Add	15.14	
For Elevated Installation >40', Add	16.65	
For Work In Restricted Working Space, Add	9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08	
26 05 33 13-1405 EA 1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	67.04	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.32	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1406	EA 2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	76.07	19.27
	For Elevated Installation >10' To 15', Add	3.85	
	For Elevated Installation >15' To 20', Add	7.71	
	For Elevated Installation >20' To 25', Add	9.64	
	For Elevated Installation >25' To 30', Add	13.49	
	For Elevated Installation >30' To 35', Add	15.42	
	For Elevated Installation >35' To 40', Add	19.27	
	For Elevated Installation >40', Add	21.20	
	For Work In Restricted Working Space, Add	11.56	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.56	
26 05 33 13-1407	EA 2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	119.01	23.40
	For Elevated Installation >10' To 15', Add	4.68	
	For Elevated Installation >15' To 20', Add	9.36	
	For Elevated Installation >20' To 25', Add	11.70	
	For Elevated Installation >25' To 30', Add	16.38	
	For Elevated Installation >30' To 35', Add	18.72	
	For Elevated Installation >35' To 40', Add	23.40	
	For Elevated Installation >40', Add	25.73	
	For Work In Restricted Working Space, Add	14.04	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.04	
26 05 33 13-1408	EA 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	149.74	32.35
	For Elevated Installation >10' To 15', Add	6.47	
	For Elevated Installation >15' To 20', Add	12.94	
	For Elevated Installation >20' To 25', Add	16.17	
	For Elevated Installation >25' To 30', Add	22.64	
	For Elevated Installation >30' To 35', Add	25.88	
	For Elevated Installation >35' To 40', Add	32.35	
	For Elevated Installation >40', Add	35.58	
	For Work In Restricted Working Space, Add	19.41	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.41	
26 05 33 13-1409	EA 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	167.46	36.48
	For Elevated Installation >10' To 15', Add	7.30	
	For Elevated Installation >15' To 20', Add	14.59	
	For Elevated Installation >20' To 25', Add	18.24	
	For Elevated Installation >25' To 30', Add	25.53	
	For Elevated Installation >30' To 35', Add	29.18	
	For Elevated Installation >35' To 40', Add	36.48	
	For Elevated Installation >40', Add	40.12	
	For Work In Restricted Working Space, Add	21.89	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.89	
26 05 33 13-1410	EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	204.45	47.49
	For Elevated Installation >10' To 15', Add	9.50	
	For Elevated Installation >15' To 20', Add	18.99	
	For Elevated Installation >20' To 25', Add	23.74	
	For Elevated Installation >25' To 30', Add	33.24	
	For Elevated Installation >30' To 35', Add	37.99	
	For Elevated Installation >35' To 40', Add	47.49	
	For Elevated Installation >40', Add	52.23	
	For Work In Restricted Working Space, Add	28.49	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	
26 05 33 13-1411	EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	300.12	65.38
	For Elevated Installation >10' To 15', Add	13.08	
	For Elevated Installation >15' To 20', Add	26.15	
	For Elevated Installation >20' To 25', Add	32.69	
	For Elevated Installation >25' To 30', Add	45.77	
	For Elevated Installation >30' To 35', Add	52.31	
	For Elevated Installation >35' To 40', Add	65.39	
	For Elevated Installation >40', Add	71.92	
	For Work In Restricted Working Space, Add	39.23	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.23	
26 05 33 13-1412	EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	42.45	8.94
	For Elevated Installation >10' To 15', Add	1.79	
	For Elevated Installation >15' To 20', Add	3.58	
	For Elevated Installation >20' To 25', Add	4.48	
	For Elevated Installation >25' To 30', Add	6.27	
	For Elevated Installation >30' To 35', Add	7.16	
	For Elevated Installation >35' To 40', Add	8.95	
	For Elevated Installation >40', Add	9.85	
	For Work In Restricted Working Space, Add	5.37	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.37	
26 05 33 13-1413	EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	45.82	10.33
	For Elevated Installation >10' To 15', Add	2.06	
	For Elevated Installation >15' To 20', Add	4.13	
	For Elevated Installation >20' To 25', Add	5.16	
	For Elevated Installation >25' To 30', Add	7.22	
	For Elevated Installation >30' To 35', Add	8.26	
	For Elevated Installation >35' To 40', Add	10.32	
	For Elevated Installation >40', Add	11.35	
	For Work In Restricted Working Space, Add	6.19	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.19	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1414 EA 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	53.30	13.07
For Elevated Installation >10' To 15', Add	2.62	
For Elevated Installation >15' To 20', Add	5.23	
For Elevated Installation >20' To 25', Add	6.54	
For Elevated Installation >25' To 30', Add	9.15	
For Elevated Installation >30' To 35', Add	10.46	
For Elevated Installation >35' To 40', Add	13.08	
For Elevated Installation >40', Add	14.38	
For Work In Restricted Working Space, Add	7.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.85	
26 05 33 13-1415 EA 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.70	15.14
For Elevated Installation >10' To 15', Add	3.03	
For Elevated Installation >15' To 20', Add	6.06	
For Elevated Installation >20' To 25', Add	7.57	
For Elevated Installation >25' To 30', Add	10.60	
For Elevated Installation >30' To 35', Add	12.11	
For Elevated Installation >35' To 40', Add	15.14	
For Elevated Installation >40', Add	16.65	
For Work In Restricted Working Space, Add	9.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.08	
26 05 33 13-1416 EA 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	70.00	17.21
For Elevated Installation >10' To 15', Add	3.44	
For Elevated Installation >15' To 20', Add	6.88	
For Elevated Installation >20' To 25', Add	8.60	
For Elevated Installation >25' To 30', Add	12.04	
For Elevated Installation >30' To 35', Add	13.76	
For Elevated Installation >35' To 40', Add	17.21	
For Elevated Installation >40', Add	18.93	
For Work In Restricted Working Space, Add	10.32	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.32	
26 05 33 13-1417 EA 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	83.30	19.27
For Elevated Installation >10' To 15', Add	3.85	
For Elevated Installation >15' To 20', Add	7.71	
For Elevated Installation >20' To 25', Add	9.64	
For Elevated Installation >25' To 30', Add	13.49	
For Elevated Installation >30' To 35', Add	15.42	
For Elevated Installation >35' To 40', Add	19.27	
For Elevated Installation >40', Add	21.20	
For Work In Restricted Working Space, Add	11.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.56	
26 05 33 13-1418 EA 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	130.94	23.40
For Elevated Installation >10' To 15', Add	4.68	
For Elevated Installation >15' To 20', Add	9.36	
For Elevated Installation >20' To 25', Add	11.70	
For Elevated Installation >25' To 30', Add	16.38	
For Elevated Installation >30' To 35', Add	18.72	
For Elevated Installation >35' To 40', Add	23.40	
For Elevated Installation >40', Add	25.73	
For Work In Restricted Working Space, Add	14.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.04	
26 05 33 13-1419 EA 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	163.81	32.35
For Elevated Installation >10' To 15', Add	6.47	
For Elevated Installation >15' To 20', Add	12.94	
For Elevated Installation >20' To 25', Add	16.17	
For Elevated Installation >25' To 30', Add	22.64	
For Elevated Installation >30' To 35', Add	25.88	
For Elevated Installation >35' To 40', Add	32.35	
For Elevated Installation >40', Add	35.58	
For Work In Restricted Working Space, Add	19.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.41	
26 05 33 13-1420 EA 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	190.66	36.48
For Elevated Installation >10' To 15', Add	7.30	
For Elevated Installation >15' To 20', Add	14.59	
For Elevated Installation >20' To 25', Add	18.24	
For Elevated Installation >25' To 30', Add	25.53	
For Elevated Installation >30' To 35', Add	29.18	
For Elevated Installation >35' To 40', Add	36.48	
For Elevated Installation >40', Add	40.12	
For Work In Restricted Working Space, Add	21.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.89	
26 05 33 13-1421 EA 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	227.91	47.49
For Elevated Installation >10' To 15', Add	9.50	
For Elevated Installation >15' To 20', Add	18.99	
For Elevated Installation >20' To 25', Add	23.74	
For Elevated Installation >25' To 30', Add	33.24	
For Elevated Installation >30' To 35', Add	37.99	
For Elevated Installation >35' To 40', Add	47.49	
For Elevated Installation >40', Add	52.23	
For Work In Restricted Working Space, Add	28.49	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.49	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1422	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	316.13	65.38
		<i>For Elevated Installation &gt;10' To 15', Add</i>		13.08	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		26.15	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		32.69	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		45.77	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		52.31	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		65.39	
		<i>For Elevated Installation &gt;40', Add</i>		71.92	
		<i>For Work In Restricted Working Space, Add</i>		39.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		39.23	
26 05 33 13-1423	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	43.44	8.94
		<i>For Elevated Installation &gt;10' To 15', Add</i>		1.79	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		3.58	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		4.48	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		6.27	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		7.16	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		8.95	
		<i>For Elevated Installation &gt;40', Add</i>		9.85	
		<i>For Work In Restricted Working Space, Add</i>		5.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		5.37	
26 05 33 13-1424	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	46.79	10.33
		<i>For Elevated Installation &gt;10' To 15', Add</i>		2.06	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		4.13	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		5.16	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		7.22	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		8.26	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		10.32	
		<i>For Elevated Installation &gt;40', Add</i>		11.35	
		<i>For Work In Restricted Working Space, Add</i>		6.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		6.19	
26 05 33 13-1425	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	54.73	13.07
		<i>For Elevated Installation &gt;10' To 15', Add</i>		2.62	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		5.23	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		6.54	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		9.15	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		10.46	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		13.08	
		<i>For Elevated Installation &gt;40', Add</i>		14.38	
		<i>For Work In Restricted Working Space, Add</i>		7.85	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		7.85	
26 05 33 13-1426	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	66.06	15.14
		<i>For Elevated Installation &gt;10' To 15', Add</i>		3.03	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		6.06	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		7.57	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		10.60	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		12.11	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		15.14	
		<i>For Elevated Installation &gt;40', Add</i>		16.65	
		<i>For Work In Restricted Working Space, Add</i>		9.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		9.08	
26 05 33 13-1427	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	77.03	17.21
		<i>For Elevated Installation &gt;10' To 15', Add</i>		3.44	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		6.88	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		8.60	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		12.04	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		13.76	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		17.21	
		<i>For Elevated Installation &gt;40', Add</i>		18.93	
		<i>For Work In Restricted Working Space, Add</i>		10.32	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		10.32	
26 05 33 13-1428	EA	2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	93.92	19.27
		<i>For Elevated Installation &gt;10' To 15', Add</i>		3.85	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		7.71	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		9.64	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		13.49	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		15.42	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		19.27	
		<i>For Elevated Installation &gt;40', Add</i>		21.20	
		<i>For Work In Restricted Working Space, Add</i>		11.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		11.56	
26 05 33 13-1429	EA	2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	.....	143.56	23.40
		<i>For Elevated Installation &gt;10' To 15', Add</i>		4.68	
		<i>For Elevated Installation &gt;15' To 20', Add</i>		9.36	
		<i>For Elevated Installation &gt;20' To 25', Add</i>		11.70	
		<i>For Elevated Installation &gt;25' To 30', Add</i>		16.38	
		<i>For Elevated Installation &gt;30' To 35', Add</i>		18.72	
		<i>For Elevated Installation &gt;35' To 40', Add</i>		23.40	
		<i>For Elevated Installation &gt;40', Add</i>		25.73	
		<i>For Work In Restricted Working Space, Add</i>		14.04	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		14.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1430 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	181.84	32.35
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.47	
<i>For Elevated Installation &gt;15' To 20', Add</i>	12.94	
<i>For Elevated Installation &gt;20' To 25', Add</i>	16.17	
<i>For Elevated Installation &gt;25' To 30', Add</i>	22.64	
<i>For Elevated Installation &gt;30' To 35', Add</i>	25.88	
<i>For Elevated Installation &gt;35' To 40', Add</i>	32.35	
<i>For Elevated Installation &gt;40', Add</i>	35.58	
<i>For Work In Restricted Working Space, Add</i>	19.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.41	
26 05 33 13-1431 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	215.01	36.48
<i>For Elevated Installation &gt;10' To 15', Add</i>	7.30	
<i>For Elevated Installation &gt;15' To 20', Add</i>	14.59	
<i>For Elevated Installation &gt;20' To 25', Add</i>	18.24	
<i>For Elevated Installation &gt;25' To 30', Add</i>	25.53	
<i>For Elevated Installation &gt;30' To 35', Add</i>	29.18	
<i>For Elevated Installation &gt;35' To 40', Add</i>	36.48	
<i>For Elevated Installation &gt;40', Add</i>	40.12	
<i>For Work In Restricted Working Space, Add</i>	21.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.89	
26 05 33 13-1432 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	268.96	47.49
<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
<i>For Elevated Installation &gt;40', Add</i>	52.23	
<i>For Work In Restricted Working Space, Add</i>	28.49	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33 13-1433 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	348.08	65.38
<i>For Elevated Installation &gt;10' To 15', Add</i>	13.08	
<i>For Elevated Installation &gt;15' To 20', Add</i>	26.15	
<i>For Elevated Installation &gt;20' To 25', Add</i>	32.69	
<i>For Elevated Installation &gt;25' To 30', Add</i>	45.77	
<i>For Elevated Installation &gt;30' To 35', Add</i>	52.31	
<i>For Elevated Installation &gt;35' To 40', Add</i>	65.39	
<i>For Elevated Installation &gt;40', Add</i>	71.92	
<i>For Work In Restricted Working Space, Add</i>	39.23	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.23	
26 05 33 13-1434 EA 1 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	44.46	8.94
<i>For Elevated Installation &gt;10' To 15', Add</i>	1.79	
<i>For Elevated Installation &gt;15' To 20', Add</i>	3.58	
<i>For Elevated Installation &gt;20' To 25', Add</i>	4.48	
<i>For Elevated Installation &gt;25' To 30', Add</i>	6.27	
<i>For Elevated Installation &gt;30' To 35', Add</i>	7.16	
<i>For Elevated Installation &gt;35' To 40', Add</i>	8.95	
<i>For Elevated Installation &gt;40', Add</i>	9.85	
<i>For Work In Restricted Working Space, Add</i>	5.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.37	
26 05 33 13-1435 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	47.93	10.33
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	4.13	
<i>For Elevated Installation &gt;20' To 25', Add</i>	5.16	
<i>For Elevated Installation &gt;25' To 30', Add</i>	7.22	
<i>For Elevated Installation &gt;30' To 35', Add</i>	8.26	
<i>For Elevated Installation &gt;35' To 40', Add</i>	10.32	
<i>For Elevated Installation &gt;40', Add</i>	11.35	
<i>For Work In Restricted Working Space, Add</i>	6.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.19	
26 05 33 13-1436 EA 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	58.37	13.07
<i>For Elevated Installation &gt;10' To 15', Add</i>	2.62	
<i>For Elevated Installation &gt;15' To 20', Add</i>	5.23	
<i>For Elevated Installation &gt;20' To 25', Add</i>	6.54	
<i>For Elevated Installation &gt;25' To 30', Add</i>	9.15	
<i>For Elevated Installation &gt;30' To 35', Add</i>	10.46	
<i>For Elevated Installation &gt;35' To 40', Add</i>	13.08	
<i>For Elevated Installation &gt;40', Add</i>	14.38	
<i>For Work In Restricted Working Space, Add</i>	7.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.85	
26 05 33 13-1437 EA 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	73.24	15.14
<i>For Elevated Installation &gt;10' To 15', Add</i>	3.03	
<i>For Elevated Installation &gt;15' To 20', Add</i>	6.06	
<i>For Elevated Installation &gt;20' To 25', Add</i>	7.57	
<i>For Elevated Installation &gt;25' To 30', Add</i>	10.60	
<i>For Elevated Installation &gt;30' To 35', Add</i>	12.11	
<i>For Elevated Installation &gt;35' To 40', Add</i>	15.14	
<i>For Elevated Installation &gt;40', Add</i>	16.65	
<i>For Work In Restricted Working Space, Add</i>	9.08	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.08	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1438	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	85.55	17.21
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.88	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.60	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	12.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.76	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	17.21	
			<i>For Elevated Installation &gt;40', Add</i>	18.93	
			<i>For Work In Restricted Working Space, Add</i>	10.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.32	
26 05 33	13-1439	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	102.46	19.27
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.85	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	7.71	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	9.64	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	13.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	15.42	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	19.27	
			<i>For Elevated Installation &gt;40', Add</i>	21.20	
			<i>For Work In Restricted Working Space, Add</i>	11.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.56	
26 05 33	13-1440	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	160.40	23.40
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.68	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	9.36	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	11.70	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	16.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	18.72	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	23.40	
			<i>For Elevated Installation &gt;40', Add</i>	25.73	
			<i>For Work In Restricted Working Space, Add</i>	14.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.04	
26 05 33	13-1441	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	208.86	32.35
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	12.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.17	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	22.64	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	25.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	32.35	
			<i>For Elevated Installation &gt;40', Add</i>	35.58	
			<i>For Work In Restricted Working Space, Add</i>	19.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.41	
26 05 33	13-1442	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	229.96	36.48
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.53	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	36.48	
			<i>For Elevated Installation &gt;40', Add</i>	40.12	
			<i>For Work In Restricted Working Space, Add</i>	21.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.89	
26 05 33	13-1443	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	281.55	47.49
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.74	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	33.24	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.99	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	47.49	
			<i>For Elevated Installation &gt;40', Add</i>	52.23	
			<i>For Work In Restricted Working Space, Add</i>	28.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.49	
26 05 33	13-1444	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple .....	352.64	65.38
			<i>For Elevated Installation &gt;10' To 15', Add</i>	13.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	26.15	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	32.69	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	45.77	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	52.31	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	65.39	
			<i>For Elevated Installation &gt;40', Add</i>	71.92	
			<i>For Work In Restricted Working Space, Add</i>	39.23	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.23	
26 05 33	13-1445		<b>Aluminum Rigid Conduit (ARC)</b> <small>(26 05 33 13-0059)</small>		
			Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33	13-1446		<b>Aluminum Rigid Conduit (ARC) With Threaded Coupling</b> <small>(26 05 33 13-1445)</small>		
			Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending >1".		
26 05 33	13-1447	LF	1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling .....	6.38	2.12
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.79	
			<i>For Work In Restricted Working Space, Add</i>	1.59	
26 05 33	13-1448	LF	3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling .....	7.28	2.33
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.87	
			<i>For Work In Restricted Working Space, Add</i>	1.75	
26 05 33	13-1449	LF	1" Aluminum Rigid Conduit (ARC) With Threaded Coupling .....	8.43	2.54
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.95	
			<i>For Work In Restricted Working Space, Add</i>	1.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1450 LF 1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling ..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	9.59 1.03 2.06	2.76
26 05 33 13-1451 LF 1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling ..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	10.78 1.11 2.22	2.97
26 05 33 13-1452 LF 2" Aluminum Rigid Conduit (ARC) With Threaded Coupling..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	12.97 1.27 2.54	3.39
26 05 33 13-1453 LF 2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling ..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	17.70 1.59 3.18	4.23
26 05 33 13-1454 LF 3" Aluminum Rigid Conduit (ARC) With Threaded Coupling..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	22.04 1.91 3.81	5.08
26 05 33 13-1455 LF 3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling ..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	27.09 2.38 4.76	6.36
26 05 33 13-1456 LF 4" Aluminum Rigid Conduit (ARC) With Threaded Coupling..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	33.40 3.02 6.04	8.05
26 05 33 13-1457 LF 5" Aluminum Rigid Conduit (ARC) With Threaded Coupling..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	44.43 3.81 7.63	10.17
26 05 33 13-1458 LF 6" Aluminum Rigid Conduit (ARC) With Threaded Coupling..... <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add For Work In Restricted Working Space, Add</i>	56.77 4.76 9.53	12.70
<b>26 05 33 13-1459 Aluminum 90 Degree Elbows</b> <small>(26 05 33 13-1445)</small>		
26 05 33 13-1460 EA 1" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	39.11 8.26	11.01
26 05 33 13-1461 EA 1-1/4" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	49.62 9.37	12.49
26 05 33 13-1462 EA 1-1/2" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	60.48 10.80	14.40
26 05 33 13-1463 EA 2" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	77.33 12.39	16.51
26 05 33 13-1464 EA 2-1/2" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	111.00 15.09	20.12
26 05 33 13-1465 EA 3" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	158.90 19.54	26.05
26 05 33 13-1466 EA 3-1/2" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	219.32 21.92	29.23
26 05 33 13-1467 EA 4" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	265.02 27.48	36.64
26 05 33 13-1468 EA 5" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	662.10 44.79	59.72
26 05 33 13-1469 EA 6" Aluminum 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	933.97 67.35	89.79
<b>26 05 33 13-1470 Aluminum Bushing Set With Locknut</b> <small>(26 05 33 13-1445)</small>		
26 05 33 13-1471 EA 1/2" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.47 3.18 3.18	4.23
26 05 33 13-1472 EA 3/4" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.32 4.13 4.13	5.50
26 05 33 13-1473 EA 1" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.51 5.08 5.08	6.78
26 05 33 13-1474 EA 1-1/4" Aluminum Bushing Set With Locknut ..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.69 5.72 5.72	7.62
26 05 33 13-1475 EA 1-1/2" Aluminum Bushing Set With Locknut ..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.11 6.99 6.99	9.31
26 05 33 13-1476 EA 2" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.41 8.42 8.42	11.22
26 05 33 13-1477 EA 2-1/2" Aluminum Bushing Set With Locknut ..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.10 10.01 10.01	13.35
26 05 33 13-1478 EA 3" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.18 11.44 11.44	15.25
26 05 33 13-1479 EA 3-1/2" Aluminum Bushing Set With Locknut ..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.62 12.39 12.39	16.51
26 05 33 13-1480 EA 4" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.66 13.34 13.34	17.79



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1481	EA	5" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.80 17.79 17.79	23.72
26 05 33	13-1482	EA	6" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.87 26.69 26.69	35.57
26 05 33	13-1483		<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit</b> (26 05 33 13-0059) Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33	13-1484		<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings</b> (26 05 33 13-1483) Note: Includes field bending conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".		
26 05 33	13-1485	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	5.38 0.48 0.80	1.72
26 05 33	13-1486	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	6.16 0.59 0.97	1.89
26 05 33	13-1487	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	7.65 0.81 1.30	2.21
26 05 33	13-1488	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	9.15 1.02 1.62	2.52
26 05 33	13-1489	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	10.76 1.22 1.92	2.94
26 05 33	13-1490	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	12.88 1.54 2.40	3.38
26 05 33	13-1491	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	17.14 2.28 3.50	4.01
26 05 33	13-1492	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	20.08 2.70 4.13	4.64
26 05 33	13-1493	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	24.55 3.40 5.17	5.48
26 05 33	13-1494	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	28.79 3.83 5.86	6.74
26 05 33	13-1495	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	41.08 5.53 8.45	9.49
26 05 33	13-1496	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End ..... <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	54.56 7.32 11.20	12.64
26 05 33	13-1497		<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows</b> (26 05 33 13-1483) See CSI section 26 05 33 13-2324 for conduit field bending.		
26 05 33	13-1498	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	22.60 1.44 2.64	8.42
26 05 33	13-1499	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	25.02 1.62 2.96	9.27
26 05 33	13-1500	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	29.20 2.03 3.64	10.54
26 05 33	13-1501	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	37.86 2.72 4.82	13.48
26 05 33	13-1502	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	47.77 3.51 6.18	16.86
26 05 33	13-1503	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	60.45 4.58 7.99	21.07
26 05 33	13-1504	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow ..... See CSI section 26 05 33 13-2324 for conduit field bending. <i>For Schedule 60, Add</i> <i>For Schedule 80, Add</i>	76.98 6.60 11.14	25.28



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1505 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	96.27	29.50
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	9.32	
<i>For Schedule 80, Add</i>	15.26	
26 05 33 13-1506 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	120.86	35.82
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	12.31	
<i>For Schedule 80, Add</i>	19.92	
26 05 33 13-1507 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	145.65	42.14
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	15.34	
<i>For Schedule 80, Add</i>	24.64	
26 05 33 13-1508 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	202.68	52.67
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	24.33	
<i>For Schedule 80, Add</i>	38.02	
26 05 33 13-1509 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	248.53	63.21
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	30.53	
<i>For Schedule 80, Add</i>	47.48	
<b>26 05 33 13-1510 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows</b> <small>(26 05 33 13-1483)</small>		
See CSI section 26 05 33 13-2324 for conduit field bending.		
26 05 33 13-1511 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	22.60	8.42
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	1.44	
<i>For Schedule 80, Add</i>	2.64	
26 05 33 13-1512 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	24.91	9.27
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	1.59	
<i>For Schedule 80, Add</i>	2.92	
26 05 33 13-1513 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	29.05	10.54
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	2.00	
<i>For Schedule 80, Add</i>	3.59	
26 05 33 13-1514 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	37.41	13.48
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	2.61	
<i>For Schedule 80, Add</i>	4.67	
26 05 33 13-1515 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	46.76	16.86
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	3.26	
<i>For Schedule 80, Add</i>	5.83	
26 05 33 13-1516 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	59.91	21.07
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	4.44	
<i>For Schedule 80, Add</i>	7.80	
26 05 33 13-1517 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	75.98	25.28
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	6.35	
<i>For Schedule 80, Add</i>	10.79	
26 05 33 13-1518 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	95.00	29.50
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	9.00	
<i>For Schedule 80, Add</i>	14.81	
26 05 33 13-1519 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	117.30	35.82
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	11.42	
<i>For Schedule 80, Add</i>	18.67	
26 05 33 13-1520 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	142.59	42.14
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	14.58	
<i>For Schedule 80, Add</i>	23.57	
26 05 33 13-1521 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	198.71	52.67
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	23.34	
<i>For Schedule 80, Add</i>	36.63	
26 05 33 13-1522 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	236.70	63.21
See CSI section 26 05 33 13-2324 for conduit field bending.		
<i>For Schedule 60, Add</i>	27.57	
<i>For Schedule 80, Add</i>	43.34	
<b>26 05 33 13-1523 Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow</b> <small>(26 05 33 13-1493)</small>		
26 05 33 13-1524 EA 1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	86.47	26.15
<i>For Schedule 80, Add</i>	17.19	
26 05 33 13-1525 EA 1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	101.43	30.28
<i>For Schedule 80, Add</i>	20.36	
26 05 33 13-1526 EA 1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	114.79	34.41
<i>For Schedule 80, Add</i>	22.97	
26 05 33 13-1527 EA 2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	137.30	37.85
<i>For Schedule 80, Add</i>	29.13	
26 05 33 13-1528 EA 2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow.....	181.20	47.49
<i>For Schedule 80, Add</i>	39.68	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1529	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	235.92 50.22	64.70
26 05 33	13-1530	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	285.57 63.47	72.95
26 05 33	13-1531	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	339.73 71.42	94.98
<b>26 05 33 13-1532 Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow</b> <small>(26 05)</small>					
26 05 33	13-1533	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	92.74 19.38	26.15
26 05 33	13-1534	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	116.53 25.64	30.28
26 05 33	13-1535	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	136.40 30.54	34.41
26 05 33	13-1536	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	148.00 32.87	37.85
26 05 33	13-1537	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	214.16 51.21	47.49
26 05 33	13-1538	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	283.86 67.00	64.70
26 05 33	13-1539	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	315.08 73.80	72.95
26 05 33	13-1540	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	375.46 83.92	94.98
<b>26 05 33 13-1541 Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow</b> <small>(26 05)</small>					
26 05 33	13-1542	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	109.65 25.30	26.15
26 05 33	13-1543	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	123.61 28.12	30.28
26 05 33	13-1544	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	140.56 31.99	34.41
26 05 33	13-1545	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	168.17 39.93	37.85
26 05 33	13-1546	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	226.45 55.51	47.49
26 05 33	13-1547	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	294.17 70.61	64.70
26 05 33	13-1548	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	354.37 87.55	72.95
26 05 33	13-1549	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	410.74 96.27	94.98
<b>26 05 33 13-1550 Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow</b> <small>(26 05)</small>					
26 05 33	13-1551	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	113.11 26.51	26.15
26 05 33	13-1552	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	144.58 35.46	30.28
26 05 33	13-1553	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	157.19 37.81	34.41
26 05 33	13-1554	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	168.92 40.19	37.85
26 05 33	13-1555	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	253.49 64.98	47.49
26 05 33	13-1556	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	354.78 91.83	64.70
26 05 33	13-1557	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	409.57 106.87	72.95
26 05 33	13-1558	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	476.11 119.15	94.98
26 05 33	13-1559	EA	5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	761.08 188.95	154.60
26 05 33	13-1560	EA	6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	1,112.71 273.13	232.96
<b>26 05 33 13-1561 Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow</b> <small>(26 05)</small>					
26 05 33	13-1562	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	126.37 31.15	26.15
26 05 33	13-1563	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	148.13 36.70	30.28
26 05 33	13-1564	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	167.87 41.55	34.41
26 05 33	13-1565	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	205.78 53.10	37.85
26 05 33	13-1566	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow ..... <i>For Schedule 80, Add</i>	279.89 74.22	47.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1567 EA 3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow .....	398.13	64.70
For Schedule 80, Add .....	107.00	
26 05 33 13-1568 EA 3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow .....	451.02	72.95
For Schedule 80, Add .....	121.38	
26 05 33 13-1569 EA 4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow .....	548.05	94.98
For Schedule 80, Add .....	144.33	
26 05 33 13-1570 EA 5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow .....	803.17	154.60
For Schedule 80, Add .....	203.68	
26 05 33 13-1571 EA 6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow .....	1,146.80	232.96
For Schedule 80, Add .....	285.06	
<b>26 05 33 13-1572 Polyvinyl Chloride (PVC) Conduit Female Adapters (26 05 33 13-1483)</b>		
26 05 33 13-1573 EA 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	15.46	5.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	4.43	
26 05 33 13-1574 EA 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	17.82	6.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	5.06	
26 05 33 13-1575 EA 1" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	20.28	7.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	5.69	
26 05 33 13-1576 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	22.89	8.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	6.32	
26 05 33 13-1577 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	28.31	10.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	7.90	
26 05 33 13-1578 EA 2" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	34.41	12.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	9.48	
26 05 33 13-1579 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	47.33	16.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	12.64	
26 05 33 13-1580 EA 3" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	59.74	21.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	15.80	
26 05 33 13-1581 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	77.46	27.39
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	20.54	
26 05 33 13-1582 EA 4" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	93.66	33.71
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	25.28	
26 05 33 13-1583 EA 5" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	124.28	42.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	31.61	
26 05 33 13-1584 EA 6" Polyvinyl Chloride (PVC) Conduit Female Adapter .....	154.52	52.67
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	39.50	
<b>26 05 33 13-1585 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug (26 05 33 13-1483)</b>		
26 05 33 13-1586 EA 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	18.41	5.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	3.79	
26 05 33 13-1587 EA 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	20.93	5.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	4.43	
26 05 33 13-1588 EA 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	23.48	6.74
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	5.06	
26 05 33 13-1589 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	28.05	7.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	5.69	
26 05 33 13-1590 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	31.28	8.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	6.32	
26 05 33 13-1591 EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	37.64	9.70
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	7.27	
26 05 33 13-1592 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	42.09	10.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	8.22	
26 05 33 13-1593 EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	47.59	12.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	9.48	
26 05 33 13-1594 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	56.45	14.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	11.06	
26 05 33 13-1595 EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	62.12	16.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	12.64	
26 05 33 13-1596 EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	79.03	18.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	14.22	
26 05 33 13-1597 EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug .....	88.93	21.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	15.80	
<b>26 05 33 13-1598 Polyvinyl Chloride (PVC) Conduit Terminal Adapters (26 05 33 13-1483)</b>		
26 05 33 13-1599 EA 1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	16.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	4.86	
26 05 33 13-1600 EA 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	20.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	5.83	
26 05 33 13-1601 EA 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	22.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	6.47	
26 05 33 13-1602 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	25.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	7.21	
26 05 33 13-1603 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	28.06	10.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	7.90	
26 05 33 13-1604 EA 2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	34.07	12.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	9.48	
26 05 33 13-1605 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	46.65	16.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	12.64	
26 05 33 13-1606 EA 3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter .....	58.80	21.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add .....	15.80	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1607	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter.....	76.25	27.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>20.54</i>	
26 05 33	13-1608	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter.....	92.42	33.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>25.28</i>	
26 05 33	13-1609	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter.....	121.84	42.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>31.61</i>	
26 05 33	13-1610	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter.....	151.59	52.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>39.50</i>	
<b>26 05 33</b>	<b>13-1611</b>		<b>Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover</b> <small>(26 05 33 13-1483)</small>		
26 05 33	13-1612	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	48.74	16.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>12.64</i>	
26 05 33	13-1613	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	56.74	18.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>14.22</i>	
26 05 33	13-1614	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	63.00	21.07
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>15.80</i>	
26 05 33	13-1615	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	77.97	25.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>18.96</i>	
26 05 33	13-1616	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	96.28	31.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>23.70</i>	
26 05 33	13-1617	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	125.43	37.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>28.44</i>	
26 05 33	13-1618	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	220.28	42.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>31.61</i>	
26 05 33	13-1619	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	234.83	46.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>34.77</i>	
26 05 33	13-1620	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	254.59	52.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>39.50</i>	
26 05 33	13-1621	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover.....	283.69	61.10
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>45.83</i>	
<b>26 05 33</b>	<b>13-1622</b>		<b>Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover</b> <small>(26 05 33 13-1483)</small>		
26 05 33	13-1623	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	61.72	21.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>15.88</i>	
26 05 33	13-1624	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	69.24	23.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>17.47</i>	
26 05 33	13-1625	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	74.78	25.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>19.06</i>	
26 05 33	13-1626	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	94.44	29.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>22.24</i>	
26 05 33	13-1627	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	114.01	36.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>27.00</i>	
26 05 33	13-1628	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover.....	140.96	42.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>31.77</i>	
<b>26 05 33</b>	<b>13-1629</b>		<b>Polyvinyl Chloride (PVC) Conduit Expansion Joint</b> <small>(26 05 33 13-1483)</small>		
26 05 33	13-1630	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	109.07	21.07
26 05 33	13-1631	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	121.03	25.28
26 05 33	13-1632	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	133.85	29.50
26 05 33	13-1633	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	145.81	33.71
26 05 33	13-1634	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	157.42	37.92
26 05 33	13-1635	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	171.74	42.14
26 05 33	13-1636	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	210.93	48.46
26 05 33	13-1637	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	253.45	54.78
26 05 33	13-1638	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	296.88	63.21
26 05 33	13-1639	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	353.53	73.75
26 05 33	13-1640	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	469.60	88.49
26 05 33	13-1641	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	618.11	113.77
<b>26 05 33</b>	<b>13-1642</b>		<b>Polyvinyl Chloride (PVC) Conduit End Caps</b> <small>(26 05 33 13-1483)</small>		
26 05 33	13-1643	EA	1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	13.50	4.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>3.16</i>	
26 05 33	13-1644	EA	3/4" Polyvinyl Chloride (PVC) Conduit End Cap.....	15.94	5.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>3.79</i>	
26 05 33	13-1645	EA	1" Polyvinyl Chloride (PVC) Conduit End Cap.....	18.31	5.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.43</i>	
26 05 33	13-1646	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap.....	21.98	6.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.06</i>	
26 05 33	13-1647	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	25.69	7.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.69</i>	
26 05 33	13-1648	EA	2" Polyvinyl Chloride (PVC) Conduit End Cap.....	30.48	8.42
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.32</i>	
26 05 33	13-1649	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	44.19	9.70
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.27</i>	
26 05 33	13-1650	EA	3" Polyvinyl Chloride (PVC) Conduit End Cap.....	48.30	10.96
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>8.22</i>	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1651 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap.....	62.24	12.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.17	
26 05 33 13-1652 EA 4" Polyvinyl Chloride (PVC) Conduit End Cap.....	75.79	13.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.80	
26 05 33 13-1653 EA 5" Polyvinyl Chloride (PVC) Conduit End Cap.....	88.19	14.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.06	
26 05 33 13-1654 EA 6" Polyvinyl Chloride (PVC) Conduit End Cap.....	112.08	16.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.64	
<b>26 05 33 13-1655 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) (26 05 33 13-1483)</b>		
26 05 33 13-1656 EA 2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200).....	133.32	37.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.44	
26 05 33 13-1657 EA 3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121).....	140.98	25.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.96	
26 05 33 13-1658 EA 1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251).....	343.76	42.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	31.61	
26 05 33 13-1659 EA 3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401).....	671.52	61.10
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.83	
<b>26 05 33 13-1660 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-0059)</b>		
Note: Exposed installation. Excludes supporting strap, hanger and fastening.		
<b>26 05 33 13-1661 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit (26 05 33 13-1660)</b>		
Note: Includes field bending conduit up to and including 1".		
26 05 33 13-1662 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	9.43	1.72
26 05 33 13-1663 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	10.50	1.89
26 05 33 13-1664 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	11.62	2.19
26 05 33 13-1665 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	12.75	2.52
26 05 33 13-1666 LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	14.32	2.94
26 05 33 13-1667 LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	15.56	3.38
26 05 33 13-1668 LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	18.56	4.01
26 05 33 13-1669 LF 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	21.85	4.64
26 05 33 13-1670 LF 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	25.23	5.48
26 05 33 13-1671 LF 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	29.68	6.74
26 05 33 13-1672 LF 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	39.72	9.49
26 05 33 13-1673 LF 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit.....	51.63	12.64
<b>26 05 33 13-1674 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows (26 05 33 13-1660)</b>		
26 05 33 13-1675 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	115.71	8.42
For 24" Radius, Add	8.15	
For 36" Radius, Add	11.57	
For 48" Radius, Add	14.99	
26 05 33 13-1676 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	129.13	9.27
For 24" Radius, Add	9.11	
For 36" Radius, Add	12.91	
For 48" Radius, Add	16.72	
26 05 33 13-1677 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	133.36	10.54
For 24" Radius, Add	9.34	
For 36" Radius, Add	13.34	
For 48" Radius, Add	17.33	
26 05 33 13-1678 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	141.78	13.48
For 24" Radius, Add	9.79	
For 36" Radius, Add	14.18	
For 48" Radius, Add	18.57	
26 05 33 13-1679 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	151.29	16.86
For 24" Radius, Add	10.29	
For 36" Radius, Add	15.13	
For 48" Radius, Add	19.96	
26 05 33 13-1680 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	176.87	21.07
For 24" Radius, Add	11.95	
For 36" Radius, Add	17.69	
For 48" Radius, Add	23.43	
26 05 33 13-1681 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	211.86	25.28
For 24" Radius, Add	14.31	
For 36" Radius, Add	21.19	
For 48" Radius, Add	28.06	
26 05 33 13-1682 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows.....	252.14	29.50
For 24" Radius, Add	17.07	
For 36" Radius, Add	25.21	
For 48" Radius, Add	33.36	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1683	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows .....	290.22	35.82
			<i>For 24" Radius, Add</i>	19.53	
			<i>For 36" Radius, Add</i>	29.02	
			<i>For 48" Radius, Add</i>	38.52	
26 05 33	13-1684	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows .....	328.33	42.14
			<i>For 24" Radius, Add</i>	21.99	
			<i>For 36" Radius, Add</i>	32.83	
			<i>For 48" Radius, Add</i>	43.68	
26 05 33	13-1685	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows .....	410.41	52.67
			<i>For 24" Radius, Add</i>	27.49	
			<i>For 36" Radius, Add</i>	41.04	
			<i>For 48" Radius, Add</i>	54.59	
26 05 33	13-1686	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows .....	506.43	63.21
			<i>For 24" Radius, Add</i>	34.03	
			<i>For 36" Radius, Add</i>	50.64	
			<i>For 48" Radius, Add</i>	67.25	

**26 05 33 13-1687 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows** (26 05 33 13-1660)

26 05 33	13-1688	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	98.67	8.42
			<i>For 24" Radius, Add</i>	6.87	
			<i>For 36" Radius, Add</i>	9.87	
			<i>For 48" Radius, Add</i>	12.86	
26 05 33	13-1689	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	110.06	9.27
			<i>For 24" Radius, Add</i>	7.68	
			<i>For 36" Radius, Add</i>	11.01	
			<i>For 48" Radius, Add</i>	14.34	
26 05 33	13-1690	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	114.10	10.54
			<i>For 24" Radius, Add</i>	7.90	
			<i>For 36" Radius, Add</i>	11.41	
			<i>For 48" Radius, Add</i>	14.92	
26 05 33	13-1691	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	122.33	13.48
			<i>For 24" Radius, Add</i>	8.33	
			<i>For 36" Radius, Add</i>	12.23	
			<i>For 48" Radius, Add</i>	16.13	
26 05 33	13-1692	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	131.64	16.86
			<i>For 24" Radius, Add</i>	8.82	
			<i>For 36" Radius, Add</i>	13.16	
			<i>For 48" Radius, Add</i>	17.51	
26 05 33	13-1693	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	154.51	21.07
			<i>For 24" Radius, Add</i>	10.27	
			<i>For 36" Radius, Add</i>	15.45	
			<i>For 48" Radius, Add</i>	20.63	
26 05 33	13-1694	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	185.11	25.28
			<i>For 24" Radius, Add</i>	12.30	
			<i>For 36" Radius, Add</i>	18.51	
			<i>For 48" Radius, Add</i>	24.72	
26 05 33	13-1695	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	220.03	29.50
			<i>For 24" Radius, Add</i>	14.66	
			<i>For 36" Radius, Add</i>	22.00	
			<i>For 48" Radius, Add</i>	29.35	
26 05 33	13-1696	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	254.10	35.82
			<i>For 24" Radius, Add</i>	16.82	
			<i>For 36" Radius, Add</i>	25.41	
			<i>For 48" Radius, Add</i>	34.00	
26 05 33	13-1697	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	288.20	42.14
			<i>For 24" Radius, Add</i>	18.98	
			<i>For 36" Radius, Add</i>	28.82	
			<i>For 48" Radius, Add</i>	38.66	
26 05 33	13-1698	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	360.24	52.67
			<i>For 24" Radius, Add</i>	23.73	
			<i>For 36" Radius, Add</i>	36.02	
			<i>For 48" Radius, Add</i>	48.32	
26 05 33	13-1699	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows .....	443.71	63.21
			<i>For 24" Radius, Add</i>	29.33	
			<i>For 36" Radius, Add</i>	44.37	
			<i>For 48" Radius, Add</i>	59.41	

**26 05 33 13-1700 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows** (26 05 33 13-1660)

26 05 33	13-1701	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	91.83	7.58
			<i>For 24" Radius, Add</i>	6.41	
			<i>For 36" Radius, Add</i>	9.18	
			<i>For 48" Radius, Add</i>	11.95	
26 05 33	13-1702	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows .....	102.44	8.34
			<i>For 24" Radius, Add</i>	7.16	
			<i>For 36" Radius, Add</i>	10.24	
			<i>For 48" Radius, Add</i>	13.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1703 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	106.11	9.49
<i>For 24" Radius, Add</i>	7.37	
<i>For 36" Radius, Add</i>	10.61	
<i>For 48" Radius, Add</i>	13.86	
26 05 33 13-1704 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	113.56	12.14
<i>For 24" Radius, Add</i>	7.76	
<i>For 36" Radius, Add</i>	11.36	
<i>For 48" Radius, Add</i>	14.95	
26 05 33 13-1705 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	121.96	15.17
<i>For 24" Radius, Add</i>	8.20	
<i>For 36" Radius, Add</i>	12.20	
<i>For 48" Radius, Add</i>	16.19	
26 05 33 13-1706 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	143.04	18.96
<i>For 24" Radius, Add</i>	9.54	
<i>For 36" Radius, Add</i>	14.30	
<i>For 48" Radius, Add</i>	19.07	
26 05 33 13-1707 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	171.35	22.76
<i>For 24" Radius, Add</i>	11.43	
<i>For 36" Radius, Add</i>	17.14	
<i>For 48" Radius, Add</i>	22.84	
26 05 33 13-1708 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	203.73	26.55
<i>For 24" Radius, Add</i>	13.62	
<i>For 36" Radius, Add</i>	20.37	
<i>For 48" Radius, Add</i>	27.13	
26 05 33 13-1709 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	235.12	32.23
<i>For 24" Radius, Add</i>	15.62	
<i>For 36" Radius, Add</i>	23.51	
<i>For 48" Radius, Add</i>	31.40	
26 05 33 13-1710 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	266.51	37.92
<i>For 24" Radius, Add</i>	17.62	
<i>For 36" Radius, Add</i>	26.65	
<i>For 48" Radius, Add</i>	35.68	
26 05 33 13-1711 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	333.14	47.41
<i>For 24" Radius, Add</i>	22.02	
<i>For 36" Radius, Add</i>	33.31	
<i>For 48" Radius, Add</i>	44.61	
26 05 33 13-1712 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows.....	410.49	56.89
<i>For 24" Radius, Add</i>	27.23	
<i>For 36" Radius, Add</i>	41.05	
<i>For 48" Radius, Add</i>	54.87	
<b>26 05 33 13-1713 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows</b>		
<small>(26 05 33 13-1660)</small>		
26 05 33 13-1714 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	87.10	7.58
<i>For 24" Radius, Add</i>	6.06	
<i>For 36" Radius, Add</i>	8.71	
<i>For 48" Radius, Add</i>	11.36	
26 05 33 13-1715 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	97.15	8.34
<i>For 24" Radius, Add</i>	6.76	
<i>For 36" Radius, Add</i>	9.72	
<i>For 48" Radius, Add</i>	12.67	
26 05 33 13-1716 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	100.76	9.49
<i>For 24" Radius, Add</i>	6.96	
<i>For 36" Radius, Add</i>	10.08	
<i>For 48" Radius, Add</i>	13.19	
26 05 33 13-1717 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	108.15	12.14
<i>For 24" Radius, Add</i>	7.35	
<i>For 36" Radius, Add</i>	10.82	
<i>For 48" Radius, Add</i>	14.28	
26 05 33 13-1718 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	116.51	15.17
<i>For 24" Radius, Add</i>	7.79	
<i>For 36" Radius, Add</i>	11.65	
<i>For 48" Radius, Add</i>	15.51	
26 05 33 13-1719 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	136.83	18.96
<i>For 24" Radius, Add</i>	9.08	
<i>For 36" Radius, Add</i>	13.68	
<i>For 48" Radius, Add</i>	18.29	
26 05 33 13-1720 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	163.92	22.76
<i>For 24" Radius, Add</i>	10.87	
<i>For 36" Radius, Add</i>	16.39	
<i>For 48" Radius, Add</i>	21.91	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1721	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	194.81	26.55
			For 24" Radius, Add	12.95	
			For 36" Radius, Add	19.48	
			For 48" Radius, Add	26.01	
26 05 33	13-1722	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	225.08	32.23
			For 24" Radius, Add	14.87	
			For 36" Radius, Add	22.51	
			For 48" Radius, Add	30.15	
26 05 33	13-1723	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	255.36	37.92
			For 24" Radius, Add	16.78	
			For 36" Radius, Add	25.54	
			For 48" Radius, Add	34.29	
26 05 33	13-1724	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	319.20	47.41
			For 24" Radius, Add	20.98	
			For 36" Radius, Add	31.92	
			For 48" Radius, Add	42.86	
26 05 33	13-1725	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	393.07	56.89
			For 24" Radius, Add	25.92	
			For 36" Radius, Add	39.31	
			For 48" Radius, Add	52.69	

### 26 05 33 13-1726 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings (26 05 33 13-1660)

26 05 33	13-1727	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	53.93	5.90
26 05 33	13-1728	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	60.53	6.74
26 05 33	13-1729	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	63.07	7.58
26 05 33	13-1730	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	65.55	8.42
26 05 33	13-1731	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	71.71	10.54
26 05 33	13-1732	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	85.63	12.64
26 05 33	13-1733	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	107.18	16.86
26 05 33	13-1734	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	130.71	21.07
26 05 33	13-1735	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	156.28	27.39
26 05 33	13-1736	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	181.84	33.71
26 05 33	13-1737	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	227.29	42.14
26 05 33	13-1738	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	284.05	52.67

### 26 05 33 13-1739 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings (26 05 33 13-1660)

26 05 33	13-1740	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	36.86	5.90
26 05 33	13-1741	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	41.42	6.74
26 05 33	13-1742	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	43.79	7.58
26 05 33	13-1743	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	46.16	8.42
26 05 33	13-1744	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	51.67	10.54
26 05 33	13-1745	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	57.10	12.64
26 05 33	13-1746	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	72.73	16.86
26 05 33	13-1747	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	89.39	21.07
26 05 33	13-1748	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	109.79	27.39
26 05 33	13-1749	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	130.18	33.71
26 05 33	13-1750	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	162.77	42.14
26 05 33	13-1751	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	203.40	52.67

### 26 05 33 13-1752 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings (26 05 33 13-1660)

26 05 33	13-1753	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	42.23	4.85
26 05 33	13-1754	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	47.41	6.74
26 05 33	13-1755	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	49.84	7.58
26 05 33	13-1756	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	52.14	8.42
26 05 33	13-1757	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	58.11	10.54
26 05 33	13-1758	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	69.43	12.64
26 05 33	13-1759	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	87.52	16.86
26 05 33	13-1760	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	107.11	21.07
26 05 33	13-1761	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	129.72	27.39
26 05 33	13-1762	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	152.32	33.71
26 05 33	13-1763	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	190.38	42.14
26 05 33	13-1764	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	238.00	52.67

### 26 05 33 13-1765 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints (26 05 33 13-1660)

26 05 33	13-1766	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	82.95	21.07
26 05 33	13-1767	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	96.81	25.28
26 05 33	13-1768	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	107.72	29.50
26 05 33	13-1769	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	118.47	33.71



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1770 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	129.78	37.92
26 05 33 13-1771 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	146.97	42.14
26 05 33 13-1772 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	171.11	48.46
26 05 33 13-1773 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	196.89	54.78
26 05 33 13-1774 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	225.45	63.21
26 05 33 13-1775 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	259.28	73.75
26 05 33 13-1776 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	304.35	84.28
26 05 33 13-1777 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	354.10	94.81
<b>26 05 33 13-1778 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints</b> <small>(26 05 33 13-1660)</small>		
26 05 33 13-1779 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	95.26	21.07
26 05 33 13-1780 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	110.59	25.28
26 05 33 13-1781 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	121.58	29.50
26 05 33 13-1782 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	132.48	33.71
26 05 33 13-1783 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	143.90	37.92
26 05 33 13-1784 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	163.10	42.14
26 05 33 13-1785 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	190.47	48.46
26 05 33 13-1786 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	220.12	54.78
26 05 33 13-1787 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	251.60	63.21
26 05 33 13-1788 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	288.34	73.75
26 05 33 13-1789 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	340.77	84.28
26 05 33 13-1790 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	399.62	94.81
<b>26 05 33 13-1791 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters</b> <small>(26 05 33 13-1660)</small>		
26 05 33 13-1792 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	116.01	5.90
26 05 33 13-1793 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	129.35	6.74
26 05 33 13-1794 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	134.91	7.58
26 05 33 13-1795 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	140.62	8.42
26 05 33 13-1796 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	147.74	10.54
26 05 33 13-1797 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	164.57	12.64
26 05 33 13-1798 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	201.72	16.86
26 05 33 13-1799 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	244.06	21.07
26 05 33 13-1800 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	283.81	27.39
26 05 33 13-1801 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	323.54	33.71
26 05 33 13-1802 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	404.52	42.14
26 05 33 13-1803 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	503.32	52.67
<b>26 05 33 13-1804 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints</b> <small>(26 05 33 13-1660)</small>		
26 05 33 13-1805 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	116.65	21.07
26 05 33 13-1806 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	134.31	25.28
26 05 33 13-1807 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	161.57	29.50
26 05 33 13-1808 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	202.69	33.71
26 05 33 13-1809 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	257.13	37.92
26 05 33 13-1810 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	345.92	42.14
26 05 33 13-1811 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	499.71	48.46
26 05 33 13-1812 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	606.35	54.78
26 05 33 13-1813 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	735.31	63.21
26 05 33 13-1814 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	869.54	73.75
26 05 33 13-1815 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,024.59	84.28
26 05 33 13-1816 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,618.74	94.81
<b>26 05 33 13-1817 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover</b> <small>(26 05 33 13-1660)</small>		
26 05 33 13-1818 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	98.77	16.86
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.64	
26 05 33 13-1819 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	114.94	18.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.22	
26 05 33 13-1820 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	155.64	21.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.80	
26 05 33 13-1821 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	190.40	25.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.96	
26 05 33 13-1822 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	242.54	31.60
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.70	
26 05 33 13-1823 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	337.08	37.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.44	
26 05 33 13-1824 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	564.88	44.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.19	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1825	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	732.10 37.93	50.57
26 05 33	13-1826	EA	3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	881.88 44.25	59.00
26 05 33	13-1827	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,031.66 50.57	67.42
26 05 33	13-1828	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,219.29 56.89	75.85
26 05 33	13-1829	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,384.21 63.21	84.28
26 05 33	13-1830		<b>Explosion Proof Conduit Fittings</b> <small>(26 05 33 13-0059)</small> Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33	13-1831		<b>Explosion Proof Malleable Iron Conduit Unions</b> <small>(26 05 33 13-1830)</small>		
26 05 33	13-1832	EA	1/2" Explosion Proof Malleable Iron Conduit Union	40.17	8.83
26 05 33	13-1833	EA	3/4" Explosion Proof Malleable Iron Conduit Union	49.31	9.75
26 05 33	13-1834	EA	1" Explosion Proof Malleable Iron Conduit Union	77.76	13.00
26 05 33	13-1835	EA	1-1/4" Explosion Proof Malleable Iron Conduit Union	102.40	14.40
26 05 33	13-1836	EA	1-1/2" Explosion Proof Malleable Iron Conduit Union	128.76	17.65
26 05 33	13-1837	EA	2" Explosion Proof Malleable Iron Conduit Union	160.11	20.43
26 05 33	13-1838	EA	2-1/2" Explosion Proof Malleable Iron Conduit Union	243.30	29.21
26 05 33	13-1839	EA	3" Explosion Proof Malleable Iron Conduit Union	308.78	34.77
26 05 33	13-1840	EA	3-1/2" Explosion Proof Malleable Iron Conduit Union	515.32	41.73
26 05 33	13-1841	EA	4" Explosion Proof Malleable Iron Conduit Union	548.31	53.31
26 05 33	13-1842		<b>Explosion Proof Malleable Iron Conduit Bodies</b> <small>(26 05 33 13-1830)</small>		
26 05 33	13-1843	EA	1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	141.62	27.86
26 05 33	13-1844	EA	3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	159.66	31.58
26 05 33	13-1845	EA	1" Explosion Proof Malleable Iron Two Hub Conduit Conduit Body	186.58	34.83
26 05 33	13-1846	EA	1/2" Explosion Proof Malleable Iron Three Hub Conduit Body	160.40	34.83
26 05 33	13-1847	EA	3/4" Explosion Proof Malleable Iron Three Hub Conduit Body	191.16	41.80
26 05 33	13-1848	EA	1" Explosion Proof Malleable Iron Three Hub Conduit Body	225.92	47.83
26 05 33	13-1849		<b>Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical</b> <small>(26 05 33 13-1830)</small> Note: Includes sealing gasket and lock nut.		
26 05 33	13-1850	EA	1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.16 17.42	23.22
26 05 33	13-1851	EA	3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	120.13 19.51	26.00
26 05 33	13-1852	EA	1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	131.11 21.25	28.33
26 05 33	13-1853	EA	1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	168.24 26.12	34.83
26 05 33	13-1854	EA	1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	214.16 30.65	40.86
26 05 33	13-1855	EA	2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	274.20 34.83	46.44
26 05 33	13-1856	EA	2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	390.95 52.16	69.54
26 05 33	13-1857	EA	3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	494.01 65.37	87.16
26 05 33	13-1858	EA	3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	693.06 71.98	95.97
26 05 33	13-1859	EA	4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	890.94 78.23	104.31
26 05 33	13-1860		<b>Explosion Proof Flexible Conduit Couplings</b> <small>(26 05 33 13-1830)</small>		
26 05 33	13-1861	EA	1/2" x 12" Explosion Proof Flexible Conduit Coupling	305.27	10.68
26 05 33	13-1862	EA	3/4" x 15" Explosion Proof Flexible Conduit Coupling	399.08	12.08
26 05 33	13-1863		<b>Conduit Installed Below Grade</b> <small>(26 05 33 13-0058)</small>		
			Note: By direct burial in trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.		
26 05 33	13-1864		<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial</b> <small>(26 05 33 13-1863)</small>		
26 05 33	13-1865		<b>Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial</b> <small>(26 05 33 13-1864)</small> Note: Includes field bend conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1866 LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	4.49	
<i>For Schedule 60, Add</i>	0.44	
<i>For Schedule 80, Add</i>	0.71	
26 05 33 13-1867 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	5.11	
<i>For Schedule 60, Add</i>	0.54	
<i>For Schedule 80, Add</i>	0.87	
26 05 33 13-1868 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	6.07	
<i>For Schedule 60, Add</i>	0.73	
<i>For Schedule 80, Add</i>	1.14	
26 05 33 13-1869 LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	7.05	
<i>For Schedule 60, Add</i>	0.92	
<i>For Schedule 80, Add</i>	1.41	
26 05 33 13-1870 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	7.87	
<i>For Schedule 60, Add</i>	1.07	
<i>For Schedule 80, Add</i>	1.63	
26 05 33 13-1871 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	9.20	
<i>For Schedule 60, Add</i>	1.35	
<i>For Schedule 80, Add</i>	2.04	
26 05 33 13-1872 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	12.14	
<i>For Schedule 60, Add</i>	2.03	
<i>For Schedule 80, Add</i>	3.00	
26 05 33 13-1873 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	13.76	
<i>For Schedule 60, Add</i>	2.39	
<i>For Schedule 80, Add</i>	3.50	
26 05 33 13-1874 LF 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	16.39	
<i>For Schedule 60, Add</i>	2.99	
<i>For Schedule 80, Add</i>	4.35	
26 05 33 13-1875 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	17.72	
<i>For Schedule 60, Add</i>	3.27	
<i>For Schedule 80, Add</i>	4.75	
26 05 33 13-1876 LF 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	23.44	
<i>For Schedule 60, Add</i>	4.65	
<i>For Schedule 80, Add</i>	6.69	
26 05 33 13-1877 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	29.28	
<i>For Schedule 60, Add</i>	6.06	
<i>For Schedule 80, Add</i>	8.67	

**26 05 33 13-1878 Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial**

(26 05 33 13-1864)

See CSI section 26 05 33 13-2324 for conduit field bending.

26 05 33 13-1879 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	27.86	
<i>For Schedule 60, Add</i>	1.70	
<i>For Schedule 80, Add</i>	3.17	
26 05 33 13-1880 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	33.44	
<i>For Schedule 60, Add</i>	2.04	
<i>For Schedule 80, Add</i>	3.80	
26 05 33 13-1881 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	39.74	
<i>For Schedule 60, Add</i>	2.56	
<i>For Schedule 80, Add</i>	4.69	
26 05 33 13-1882 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	46.29	
<i>For Schedule 60, Add</i>	3.14	
<i>For Schedule 80, Add</i>	5.67	
26 05 33 13-1883 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	53.04	
<i>For Schedule 60, Add</i>	3.78	
<i>For Schedule 80, Add</i>	6.71	
26 05 33 13-1884 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	60.45	
<i>For Schedule 60, Add</i>	4.58	
<i>For Schedule 80, Add</i>	7.99	
26 05 33 13-1885 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	71.71	
<i>For Schedule 60, Add</i>	6.34	
<i>For Schedule 80, Add</i>	10.61	
26 05 33 13-1886 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	85.73	
<i>For Schedule 60, Add</i>	8.79	
<i>For Schedule 80, Add</i>	14.20	
26 05 33 13-1887 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	105.07	
<i>For Schedule 60, Add</i>	11.52	
<i>For Schedule 80, Add</i>	18.34	
26 05 33 13-1888 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	124.58	
<i>For Schedule 60, Add</i>	14.29	
<i>For Schedule 80, Add</i>	22.53	
26 05 33 13-1889 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	165.81	
<i>For Schedule 60, Add</i>	22.49	
<i>For Schedule 80, Add</i>	34.33	
26 05 33 13-1890 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial .....	195.86	
<i>For Schedule 60, Add</i>	27.90	
<i>For Schedule 80, Add</i>	42.21	

**26 05 33 13-1891 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial**

(26 05 33 13-1864)

See CSI section 26 05 33 13-2324 for conduit field bending.

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1892	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	27.86	
			<i>For Schedule 60, Add</i> .....	1.70	
			<i>For Schedule 80, Add</i> .....	3.17	
26 05 33	13-1893	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	33.33	
			<i>For Schedule 60, Add</i> .....	2.01	
			<i>For Schedule 80, Add</i> .....	3.77	
26 05 33	13-1894	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	39.59	
			<i>For Schedule 60, Add</i> .....	2.52	
			<i>For Schedule 80, Add</i> .....	4.64	
26 05 33	13-1895	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	45.84	
			<i>For Schedule 60, Add</i> .....	3.03	
			<i>For Schedule 80, Add</i> .....	5.51	
26 05 33	13-1896	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	52.03	
			<i>For Schedule 60, Add</i> .....	3.53	
			<i>For Schedule 80, Add</i> .....	6.36	
26 05 33	13-1897	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	59.91	
			<i>For Schedule 60, Add</i> .....	4.44	
			<i>For Schedule 80, Add</i> .....	7.80	
26 05 33	13-1898	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	70.71	
			<i>For Schedule 60, Add</i> .....	6.09	
			<i>For Schedule 80, Add</i> .....	10.26	
26 05 33	13-1899	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	84.46	
			<i>For Schedule 60, Add</i> .....	8.47	
			<i>For Schedule 80, Add</i> .....	13.76	
26 05 33	13-1900	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	101.51	
			<i>For Schedule 60, Add</i> .....	10.63	
			<i>For Schedule 80, Add</i> .....	17.09	
26 05 33	13-1901	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	121.52	
			<i>For Schedule 60, Add</i> .....	13.52	
			<i>For Schedule 80, Add</i> .....	21.46	
26 05 33	13-1902	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	161.84	
			<i>For Schedule 60, Add</i> .....	21.50	
			<i>For Schedule 80, Add</i> .....	32.94	
26 05 33	13-1903	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial .....	184.03	
			<i>For Schedule 60, Add</i> .....	24.94	
			<i>For Schedule 80, Add</i> .....	38.07	
<b>26 05 33 13-1904</b>	<b>Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial</b> <small>(26 05 33 13-1894)</small>				
26 05 33	13-1905	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	15.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.43	
26 05 33	13-1906	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	17.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.06	
26 05 33	13-1907	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	20.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.69	
26 05 33	13-1908	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	22.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.32	
26 05 33	13-1909	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	25.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.95	
26 05 33	13-1910	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	28.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	7.58	
26 05 33	13-1911	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	33.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	8.54	
26 05 33	13-1912	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	38.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	9.48	
26 05 33	13-1913	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	45.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	11.06	
26 05 33	13-1914	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	51.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	12.64	
26 05 33	13-1915	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	66.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	14.22	
26 05 33	13-1916	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial .....	75.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	15.80	
<b>26 05 33 13-1917</b>	<b>Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial</b> <small>(26 05 33 13-1894)</small>				
26 05 33	13-1918	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	18.41	
26 05 33	13-1919	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	20.93	
26 05 33	13-1920	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	23.48	
26 05 33	13-1921	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	30.16	
26 05 33	13-1922	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	33.39	
26 05 33	13-1923	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	37.64	
26 05 33	13-1924	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	42.09	
26 05 33	13-1925	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	47.59	
26 05 33	13-1926	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	56.45	
26 05 33	13-1927	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	62.12	
26 05 33	13-1928	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	79.03	
26 05 33	13-1929	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial .....	88.93	
<b>26 05 33 13-1930</b>	<b>Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial</b> <small>(26 05 33 13-1894)</small>				
26 05 33	13-1931	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial .....	15.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1932 EA 3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	17.82	
26 05 33 13-1933 EA 1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	20.12	
26 05 33 13-1934 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial .....	22.61	
26 05 33 13-1935 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	24.91	
26 05 33 13-1936 EA 2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	27.75	
26 05 33 13-1937 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	32.96	
26 05 33 13-1938 EA 3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	37.73	
26 05 33 13-1939 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	44.64	
26 05 33 13-1940 EA 4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	50.28	
26 05 33 13-1941 EA 5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	63.90	
26 05 33 13-1942 EA 6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial .....	72.58	
<b>26 05 33 13-1943 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial</b> <small>(26 05 33 13-1863)</small>		
<i>Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).</i>		
<b>26 05 33 13-1944 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
<i>Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2314 for field bending &gt;1".</i>		
26 05 33 13-1945 LF 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	11.51	2.23
<i>For &gt;250 To 500, Deduct</i>	-0.43	
<i>For &gt;500 To 1,000, Deduct</i>	-0.72	
<i>For &gt;1,000, Deduct</i>	-1.01	
26 05 33 13-1946 LF 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	12.93	2.76
<i>For &gt;250 To 500, Deduct</i>	-0.49	
<i>For &gt;500 To 1,000, Deduct</i>	-0.81	
<i>For &gt;1,000, Deduct</i>	-1.13	
26 05 33 13-1947 LF 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	15.93	3.07
<i>For &gt;250 To 500, Deduct</i>	-0.61	
<i>For &gt;500 To 1,000, Deduct</i>	-1.01	
<i>For &gt;1,000, Deduct</i>	-1.41	
26 05 33 13-1948 LF 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	19.27	4.13
<i>For &gt;250 To 500, Deduct</i>	-0.75	
<i>For &gt;500 To 1,000, Deduct</i>	-1.23	
<i>For &gt;1,000, Deduct</i>	-1.72	
26 05 33 13-1949 LF 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	22.65	4.66
<i>For &gt;250 To 500, Deduct</i>	-0.89	
<i>For &gt;500 To 1,000, Deduct</i>	-1.46	
<i>For &gt;1,000, Deduct</i>	-2.03	
26 05 33 13-1950 LF 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	28.75	5.08
<i>For &gt;250 To 500, Deduct</i>	-1.15	
<i>For &gt;500 To 1,000, Deduct</i>	-1.87	
<i>For &gt;1,000, Deduct</i>	-2.58	
26 05 33 13-1951 LF 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	41.81	7.62
<i>For &gt;250 To 500, Deduct</i>	-1.69	
<i>For &gt;500 To 1,000, Deduct</i>	-2.74	
<i>For &gt;1,000, Deduct</i>	-3.78	
26 05 33 13-1952 LF 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	53.88	9.53
<i>For &gt;250 To 500, Deduct</i>	-2.16	
<i>For &gt;500 To 1,000, Deduct</i>	-3.51	
<i>For &gt;1,000, Deduct</i>	-4.86	
26 05 33 13-1953 LF 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	66.47	10.06
<i>For &gt;250 To 500, Deduct</i>	-2.66	
<i>For &gt;500 To 1,000, Deduct</i>	-4.32	
<i>For &gt;1,000, Deduct</i>	-5.99	
26 05 33 13-1954 LF 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	78.92	11.12
<i>For &gt;250 To 500, Deduct</i>	-3.15	
<i>For &gt;500 To 1,000, Deduct</i>	-5.13	
<i>For &gt;1,000, Deduct</i>	-7.10	
26 05 33 13-1955 LF 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	123.81	15.35
<i>For &gt;250 To 500, Deduct</i>	-5.18	
<i>For &gt;500 To 1,000, Deduct</i>	-8.28	
<i>For &gt;1,000, Deduct</i>	-11.38	
26 05 33 13-1956 LF 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial .....	165.36	20.12
<i>For &gt;250 To 500, Deduct</i>	-7.00	
<i>For &gt;500 To 1,000, Deduct</i>	-11.13	
<i>For &gt;1,000, Deduct</i>	-15.27	
<b>26 05 33 13-1957 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-1958 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	12.35	3.18
26 05 33 13-1959 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	14.75	4.23
26 05 33 13-1960 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	18.74	5.29
26 05 33 13-1961 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	21.16	5.83
26 05 33 13-1962 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	25.07	6.88
26 05 33 13-1963 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	32.42	7.94
26 05 33 13-1964 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	60.01	9.53
26 05 33 13-1965 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	76.20	13.24
26 05 33 13-1966 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial .....	94.50	15.35

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-1967	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	116.96		21.18
26 05 33 13-1968	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	301.32		29.12
26 05 33 13-1969	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	304.36		16.41
<b>26 05 33 13-1970</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial <small>(26 05 33 13-1943)</small></b>			
		Note: 90, 45, or 30-degree.			
26 05 33 13-1971	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	47.48		13.24
26 05 33 13-1972	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	54.64		16.41
26 05 33 13-1973	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	65.25		20.12
26 05 33 13-1974	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	77.33		23.29
26 05 33 13-1975	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	90.71		26.47
26 05 33 13-1976	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	110.95		29.12
26 05 33 13-1977	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	172.38		36.53
26 05 33 13-1978	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	258.23		49.77
26 05 33 13-1979	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	320.48		56.12
26 05 33 13-1980	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	366.26		73.06
26 05 33 13-1981	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	768.73		119.13
26 05 33 13-1982	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	1,210.58		178.96
<b>26 05 33 13-1983</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1943)</small></b>			
26 05 33 13-1984	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	114.76		20.12
26 05 33 13-1985	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	129.02		23.29
26 05 33 13-1986	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	147.31		26.47
26 05 33 13-1987	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	176.25		29.12
26 05 33 13-1988	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	246.29		36.53
<b>26 05 33 13-1989</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1943)</small></b>			
26 05 33 13-1990	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	128.16		20.12
26 05 33 13-1991	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	151.15		23.29
26 05 33 13-1992	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	163.17		26.47
26 05 33 13-1993	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	210.84		29.12
26 05 33 13-1994	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	279.65		36.53
26 05 33 13-1995	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	357.16		49.77
<b>26 05 33 13-1996</b>		<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1943)</small></b>			
26 05 33 13-1997	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	144.17		20.12
26 05 33 13-1998	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	162.67		23.29
26 05 33 13-1999	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	183.53		26.47
26 05 33 13-2000	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	222.32		29.12
26 05 33 13-2001	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	317.98		36.53
26 05 33 13-2002	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	402.16		49.77
26 05 33 13-2003	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	508.95		56.12
26 05 33 13-2004	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	571.59		73.06





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2005				<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-2006	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	171.82	20.12
26 05 33 13-2007	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	189.72	23.29
26 05 33 13-2008	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	214.24	26.47
26 05 33 13-2009	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	266.54	29.12
26 05 33 13-2010	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	386.59	36.53
26 05 33 13-2011	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	478.41	49.77
26 05 33 13-2012	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	555.50	56.12
26 05 33 13-2013	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	657.05	73.06
26 05 33 13-2014				<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-2015	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	193.34	20.12
26 05 33 13-2016	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	214.90	23.29
26 05 33 13-2017	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	244.47	26.47
26 05 33 13-2018	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	305.04	29.12
26 05 33 13-2019	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	424.02	36.53
26 05 33 13-2020	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	539.40	49.77
26 05 33 13-2021	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	668.70	56.12
26 05 33 13-2022	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	735.51	73.06
26 05 33 13-2023	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	1,226.74	119.13
26 05 33 13-2024				<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-2025	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	221.48	20.12
26 05 33 13-2026	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	245.32	23.29
26 05 33 13-2027	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	277.60	26.47
26 05 33 13-2028	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	347.74	29.12
26 05 33 13-2029	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	486.39	36.53
26 05 33 13-2030	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	617.10	49.77
26 05 33 13-2031	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	725.41	56.12
26 05 33 13-2032	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	836.79	73.06
26 05 33 13-2033	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,297.72	119.13
26 05 33 13-2034	EA			6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,771.46	178.96
26 05 33 13-2035				<b>Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-2036	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	260.66	20.12
26 05 33 13-2037	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	272.44	23.29
26 05 33 13-2038	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	321.95	26.47
26 05 33 13-2039	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	407.17	29.12
26 05 33 13-2040	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	570.49	36.53
26 05 33 13-2041	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	721.85	49.77

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2042 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	883.10	56.12
26 05 33 13-2043 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,033.82	73.06
26 05 33 13-2044 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,529.25	119.13
26 05 33 13-2045 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,877.74	178.96
<b>26 05 33 13-2046 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1943)</small></b>		
26 05 33 13-2047 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	270.10	20.12
26 05 33 13-2048 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	318.32	23.29
26 05 33 13-2049 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	360.30	26.47
26 05 33 13-2050 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	425.05	29.12
26 05 33 13-2051 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	591.50	36.53
26 05 33 13-2052 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	754.07	49.77
26 05 33 13-2053 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	968.98	56.12
26 05 33 13-2054 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,078.51	73.06
26 05 33 13-2055 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,591.45	119.13
26 05 33 13-2056 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,931.74	178.96
<b>26 05 33 13-2057 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1943)</small></b>		
26 05 33 13-2058 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	89.08	13.24
26 05 33 13-2059 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	96.58	16.41
26 05 33 13-2060 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	125.71	20.12
26 05 33 13-2061 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	184.14	23.29
26 05 33 13-2062 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	218.85	26.47
26 05 33 13-2063 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	279.33	29.12
26 05 33 13-2064 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	372.39	36.53
26 05 33 13-2065 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	485.73	36.53
26 05 33 13-2066 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	624.13	56.12
26 05 33 13-2067 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	803.41	73.06
26 05 33 13-2068 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,466.78	119.13
26 05 33 13-2069 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,821.07	178.96
<b>26 05 33 13-2070 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial <small>(26 05 33 13-1943)</small></b>		
26 05 33 13-2071 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	91.19	13.24
26 05 33 13-2072 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	104.64	16.41
26 05 33 13-2073 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	130.00	20.12
26 05 33 13-2074 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	192.02	23.29
26 05 33 13-2075 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	229.79	26.47
26 05 33 13-2076 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	302.96	29.12
26 05 33 13-2077 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	422.95	36.53
26 05 33 13-2078 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	537.14	36.53
26 05 33 13-2079 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	717.07	56.12



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2080 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	896.00	73.06
26 05 33 13-2081 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	1,636.52	119.13
26 05 33 13-2082 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial	2,095.15	178.96
<b>26 05 33 13-2083 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial</b> <small>(26 05 33 13-1943)</small>		
26 05 33 13-2084 EA 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	30.46	6.36
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81	
26 05 33 13-2085 EA 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.98	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-2086 EA 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.21	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.04	
26 05 33 13-2087 EA 1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	46.77	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33 13-2088 EA 1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.72	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-2089 EA 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.81	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33 13-2090 EA 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.40	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-2091 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.66	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.04	
26 05 33 13-2092 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.37	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33 13-2093 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.52	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-2094 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.91	14.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33 13-2095 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	33.98	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33 13-2096 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.57	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-2097 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	41.97	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33 13-2098 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	49.71	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33 13-2099 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.86	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-2100 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	58.79	14.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33 13-2101 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.28	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33 13-2102 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.88	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-2103 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.44	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33 13-2104 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.12	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33 13-2105 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.41	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33 13-2106 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	61.50	14.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33 13-2107 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.56	18.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33 13-2108 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	111.62	24.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2109	EA	1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.45	6.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-2110	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.19	7.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-2111	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.78	10.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-2112	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.52	11.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-2113	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	56.96	13.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-2114	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	64.22	14.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-2115	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	88.96	18.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33	13-2116	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	116.79	24.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33	13-2117	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	139.72	28.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.84	
26 05 33	13-2118	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	162.49	36.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-2119	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.77	6.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-2120	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.53	7.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-2121	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.15	10.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-2122	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.18	11.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-2123	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.64	13.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-2124	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.70	14.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-2125	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	98.52	18.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33	13-2126	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	124.53	24.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33	13-2127	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	141.37	28.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.84	
26 05 33	13-2128	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	166.91	36.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-2129	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	246.58	50.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.18	
26 05 33	13-2130	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.37	6.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.13	
26 05 33	13-2131	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.14	7.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-2132	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.80	10.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-2133	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	54.39	11.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-2134	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	59.10	13.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-2135	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.18	14.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-2136	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	108.22	18.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2137 EA 3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	134.81	24.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>14.93</i>	
26 05 33 13-2138 EA 3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	150.63	28.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.84</i>	
26 05 33 13-2139 EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	182.53	36.53
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>21.92</i>	
26 05 33 13-2140 EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	269.94	50.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.18</i>	
26 05 33 13-2141 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	38.32	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.13</i>	
26 05 33 13-2142 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	41.06	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.76</i>	
26 05 33 13-2143 EA 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	47.26	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.03</i>	
26 05 33 13-2144 EA 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	54.71	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.99</i>	
26 05 33 13-2145 EA 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	62.06	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.94</i>	
26 05 33 13-2146 EA 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	74.41	14.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>8.90</i>	
26 05 33 13-2147 EA 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	120.15	18.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.80</i>	
26 05 33 13-2148 EA 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	148.88	24.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>14.93</i>	
26 05 33 13-2149 EA 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	173.83	28.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.84</i>	
26 05 33 13-2150 EA 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	205.99	36.53
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>21.92</i>	
26 05 33 13-2151 EA 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	285.95	50.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.18</i>	
26 05 33 13-2152 EA 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	39.31	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.13</i>	
26 05 33 13-2153 EA 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	42.03	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.76</i>	
26 05 33 13-2154 EA 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	48.69	10.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.03</i>	
26 05 33 13-2155 EA 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	59.07	11.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.99</i>	
26 05 33 13-2156 EA 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	69.09	13.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>7.94</i>	
26 05 33 13-2157 EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	85.03	14.82
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>8.90</i>	
26 05 33 13-2158 EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	132.77	18.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.80</i>	
26 05 33 13-2159 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	166.91	24.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>14.93</i>	
26 05 33 13-2160 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	198.18	28.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.84</i>	
26 05 33 13-2161 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	247.04	36.53
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>21.92</i>	
26 05 33 13-2162 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	317.90	50.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>30.18</i>	
26 05 33 13-2163 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	40.33	6.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.13</i>	
26 05 33 13-2164 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct		
Burial.....	43.17	7.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>4.76</i>	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33	13-2165	EA	1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.33	10.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.03	
26 05 33	13-2166	EA	1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	66.25	11.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.99	
26 05 33	13-2167	EA	1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	77.61	13.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-2168	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	93.57	14.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.90	
26 05 33	13-2169	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	149.61	18.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.80	
26 05 33	13-2170	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	193.93	24.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.93	
26 05 33	13-2171	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	213.13	28.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.84	
26 05 33	13-2172	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	259.63	36.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92	
26 05 33	13-2173	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	322.46	50.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.18	
26 05 33	13-2174		<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit</b> <small>(26 05 33 13-1863)</small> Note: Direct burial or encased application.		
26 05 33	13-2175		<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit</b> <small>(26 05 33 13-2174)</small> Note: Includes field bending for conduit up to and including 1". See CSI section 26 05 33 13-2324 for field bending >1".		
26 05 33	13-2176	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.54	1.37
			<i>For Work In Restricted Working Space, Add</i>	1.03	
26 05 33	13-2177	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.45	1.47
			<i>For Work In Restricted Working Space, Add</i>	1.11	
26 05 33	13-2178	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.04	1.58
			<i>For Work In Restricted Working Space, Add</i>	1.19	
26 05 33	13-2179	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.65	1.68
			<i>For Work In Restricted Working Space, Add</i>	1.27	
26 05 33	13-2180	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.43	1.79
			<i>For Work In Restricted Working Space, Add</i>	1.34	
26 05 33	13-2181	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.88	1.89
			<i>For Work In Restricted Working Space, Add</i>	1.42	
26 05 33	13-2182	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	13.56	2.00
			<i>For Work In Restricted Working Space, Add</i>	1.50	
26 05 33	13-2183	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	15.53	2.10
			<i>For Work In Restricted Working Space, Add</i>	1.58	
26 05 33	13-2184	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	17.07	2.21
			<i>For Work In Restricted Working Space, Add</i>	1.66	
26 05 33	13-2185	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.61	2.31
			<i>For Work In Restricted Working Space, Add</i>	1.74	
26 05 33	13-2186	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	22.08	2.42
			<i>For Work In Restricted Working Space, Add</i>	1.82	
26 05 33	13-2187	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	26.35	2.52
			<i>For Work In Restricted Working Space, Add</i>	1.90	
26 05 33	13-2188		<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows</b> <small>(26 05 33 13-2174)</small>		
26 05 33	13-2189	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	120.97	10.54
			<i>For Work In Restricted Working Space, Add</i>	7.90	
			<i>For 24" Radius, Add</i>	8.41	
			<i>For 36" Radius, Add</i>	12.10	
			<i>For 48" Radius, Add</i>	15.78	
26 05 33	13-2190	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	137.55	12.64
			<i>For Work In Restricted Working Space, Add</i>	9.48	
			<i>For 24" Radius, Add</i>	9.53	
			<i>For 36" Radius, Add</i>	13.76	
			<i>For 48" Radius, Add</i>	17.98	
26 05 33	13-2191	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	143.90	14.75
			<i>For Work In Restricted Working Space, Add</i>	11.06	
			<i>For 24" Radius, Add</i>	9.87	
			<i>For 36" Radius, Add</i>	14.39	
			<i>For 48" Radius, Add</i>	18.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2192 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	150.21	16.86
<i>For Work In Restricted Working Space, Add</i>	<i>12.64</i>	
<i>For 24" Radius, Add</i>	<i>10.21</i>	
<i>For 36" Radius, Add</i>	<i>15.02</i>	
<i>For 48" Radius, Add</i>	<i>19.83</i>	
26 05 33 13-2193 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	156.56	18.96
<i>For Work In Restricted Working Space, Add</i>	<i>14.22</i>	
<i>For 24" Radius, Add</i>	<i>10.56</i>	
<i>For 36" Radius, Add</i>	<i>15.66</i>	
<i>For 48" Radius, Add</i>	<i>20.76</i>	
26 05 33 13-2194 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	176.87	21.07
<i>For Work In Restricted Working Space, Add</i>	<i>15.80</i>	
<i>For 24" Radius, Add</i>	<i>11.95</i>	
<i>For 36" Radius, Add</i>	<i>17.69</i>	
<i>For 48" Radius, Add</i>	<i>23.43</i>	
26 05 33 13-2195 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	206.59	23.18
<i>For Work In Restricted Working Space, Add</i>	<i>17.38</i>	
<i>For 24" Radius, Add</i>	<i>14.05</i>	
<i>For 36" Radius, Add</i>	<i>20.66</i>	
<i>For 48" Radius, Add</i>	<i>27.27</i>	
26 05 33 13-2196 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	241.60	25.28
<i>For Work In Restricted Working Space, Add</i>	<i>18.96</i>	
<i>For 24" Radius, Add</i>	<i>16.54</i>	
<i>For 36" Radius, Add</i>	<i>24.16</i>	
<i>For 48" Radius, Add</i>	<i>31.78</i>	
26 05 33 13-2197 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	274.43	29.50
<i>For Work In Restricted Working Space, Add</i>	<i>22.13</i>	
<i>For 24" Radius, Add</i>	<i>18.74</i>	
<i>For 36" Radius, Add</i>	<i>27.44</i>	
<i>For 48" Radius, Add</i>	<i>36.15</i>	
26 05 33 13-2198 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	307.26	37.92
<i>For Work In Restricted Working Space, Add</i>	<i>25.28</i>	
<i>For 24" Radius, Add</i>	<i>20.94</i>	
<i>For 36" Radius, Add</i>	<i>30.73</i>	
<i>For 48" Radius, Add</i>	<i>40.51</i>	
26 05 33 13-2199 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	373.54	37.92
<i>For Work In Restricted Working Space, Add</i>	<i>28.44</i>	
<i>For 24" Radius, Add</i>	<i>25.65</i>	
<i>For 36" Radius, Add</i>	<i>37.35</i>	
<i>For 48" Radius, Add</i>	<i>49.06</i>	
26 05 33 13-2200 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial .....	453.76	42.14
<i>For Work In Restricted Working Space, Add</i>	<i>31.61</i>	
<i>For 24" Radius, Add</i>	<i>31.40</i>	
<i>For 36" Radius, Add</i>	<i>45.38</i>	
<i>For 48" Radius, Add</i>	<i>59.35</i>	
<b>26 05 33 13-2201 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2202 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	53.93	5.90
<i>For Work In Restricted Working Space, Add</i>	<i>4.43</i>	
26 05 33 13-2203 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	60.53	6.74
<i>For Work In Restricted Working Space, Add</i>	<i>5.06</i>	
26 05 33 13-2204 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	63.07	7.58
<i>For Work In Restricted Working Space, Add</i>	<i>5.69</i>	
26 05 33 13-2205 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial .....	65.55	8.42
<i>For Work In Restricted Working Space, Add</i>	<i>6.32</i>	
26 05 33 13-2206 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial .....	68.56	9.27
<i>For Work In Restricted Working Space, Add</i>	<i>6.95</i>	
26 05 33 13-2207 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	79.31	10.12
<i>For Work In Restricted Working Space, Add</i>	<i>7.58</i>	
26 05 33 13-2208 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial .....	93.49	11.38
<i>For Work In Restricted Working Space, Add</i>	<i>8.54</i>	
26 05 33 13-2209 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	109.64	12.64
<i>For Work In Restricted Working Space, Add</i>	<i>9.48</i>	
26 05 33 13-2210 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial .....	124.67	14.75
<i>For Work In Restricted Working Space, Add</i>	<i>11.06</i>	
26 05 33 13-2211 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	139.70	16.86
<i>For Work In Restricted Working Space, Add</i>	<i>12.64</i>	
26 05 33 13-2212 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	169.35	18.96
<i>For Work In Restricted Working Space, Add</i>	<i>14.22</i>	
26 05 33 13-2213 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	205.04	21.07
<i>For Work In Restricted Working Space, Add</i>	<i>15.80</i>	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2214			<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2215	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	36.86	5.90
			<i>For Work In Restricted Working Space, Add</i>	4.43	
26 05 33 13-2216	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	41.42	6.74
			<i>For Work In Restricted Working Space, Add</i>	5.06	
26 05 33 13-2217	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	43.79	7.58
			<i>For Work In Restricted Working Space, Add</i>	5.69	
26 05 33 13-2218	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	46.16	8.42
			<i>For Work In Restricted Working Space, Add</i>	6.32	
26 05 33 13-2219	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	48.52	9.27
			<i>For Work In Restricted Working Space, Add</i>	6.95	
26 05 33 13-2220	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	50.78	10.12
			<i>For Work In Restricted Working Space, Add</i>	7.58	
26 05 33 13-2221	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	59.04	11.38
			<i>For Work In Restricted Working Space, Add</i>	8.54	
26 05 33 13-2222	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	68.32	12.64
			<i>For Work In Restricted Working Space, Add</i>	9.48	
26 05 33 13-2223	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	78.18	14.75
			<i>For Work In Restricted Working Space, Add</i>	11.06	
26 05 33 13-2224	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	88.04	16.86
			<i>For Work In Restricted Working Space, Add</i>	12.64	
26 05 33 13-2225	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	104.83	18.96
			<i>For Work In Restricted Working Space, Add</i>	14.22	
26 05 33 13-2226	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial.....	124.39	21.07
			<i>For Work In Restricted Working Space, Add</i>	15.80	
26 05 33 13-2227			<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2228	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	35.90	3.38
			<i>For Work In Restricted Working Space, Add</i>	2.53	
26 05 33 13-2229	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	40.04	3.80
			<i>For Work In Restricted Working Space, Add</i>	2.85	
26 05 33 13-2230	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	41.42	4.22
			<i>For Work In Restricted Working Space, Add</i>	3.16	
26 05 33 13-2231	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	42.66	4.64
			<i>For Work In Restricted Working Space, Add</i>	3.48	
26 05 33 13-2232	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	44.42	5.06
			<i>For Work In Restricted Working Space, Add</i>	3.79	
26 05 33 13-2233	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	52.58	5.90
			<i>For Work In Restricted Working Space, Add</i>	4.43	
26 05 33 13-2234	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	63.29	7.16
			<i>For Work In Restricted Working Space, Add</i>	5.37	
26 05 33 13-2235	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	75.51	8.42
			<i>For Work In Restricted Working Space, Add</i>	6.32	
26 05 33 13-2236	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	87.57	10.54
			<i>For Work In Restricted Working Space, Add</i>	7.90	
26 05 33 13-2237	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	99.64	12.64
			<i>For Work In Restricted Working Space, Add</i>	9.48	
26 05 33 13-2238	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	121.90	14.75
			<i>For Work In Restricted Working Space, Add</i>	11.06	
26 05 33 13-2239	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial.....	148.46	16.86
			<i>For Work In Restricted Working Space, Add</i>	12.64	
26 05 33 13-2240			<b>Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2241	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	82.95	21.07
			<i>For Work In Restricted Working Space, Add</i>	15.80	
26 05 33 13-2242	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	96.81	25.28
			<i>For Work In Restricted Working Space, Add</i>	18.96	
26 05 33 13-2243	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	107.72	29.50
			<i>For Work In Restricted Working Space, Add</i>	22.13	
26 05 33 13-2244	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	118.47	33.71
			<i>For Work In Restricted Working Space, Add</i>	25.28	
26 05 33 13-2245	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	124.51	35.82
			<i>For Work In Restricted Working Space, Add</i>	26.86	
26 05 33 13-2246	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	136.43	37.92
			<i>For Work In Restricted Working Space, Add</i>	28.44	
26 05 33 13-2247	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	150.03	40.03
			<i>For Work In Restricted Working Space, Add</i>	30.02	
26 05 33 13-2248	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	165.29	42.14
			<i>For Work In Restricted Working Space, Add</i>	31.61	
26 05 33 13-2249	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	178.05	44.25
			<i>For Work In Restricted Working Space, Add</i>	33.19	
26 05 33 13-2250	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	190.81	46.35
			<i>For Work In Restricted Working Space, Add</i>	34.77	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2251 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	214.81	48.46
For Work In Restricted Working Space, Add	36.35	
26 05 33 13-2252 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial.....	243.49	50.57
For Work In Restricted Working Space, Add	37.93	
<b>26 05 33 13-2253 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2254 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	95.26	21.07
For Work In Restricted Working Space, Add	15.80	
26 05 33 13-2255 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	110.59	25.28
For Work In Restricted Working Space, Add	18.96	
26 05 33 13-2256 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	121.58	29.50
For Work In Restricted Working Space, Add	22.13	
26 05 33 13-2257 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	132.48	33.71
For Work In Restricted Working Space, Add	25.28	
26 05 33 13-2258 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	138.63	35.82
For Work In Restricted Working Space, Add	26.86	
26 05 33 13-2259 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	152.56	37.92
For Work In Restricted Working Space, Add	28.44	
26 05 33 13-2260 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	169.39	40.03
For Work In Restricted Working Space, Add	30.02	
26 05 33 13-2261 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	188.52	42.14
For Work In Restricted Working Space, Add	31.61	
26 05 33 13-2262 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	204.20	44.25
For Work In Restricted Working Space, Add	33.19	
26 05 33 13-2263 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	219.87	46.35
For Work In Restricted Working Space, Add	34.77	
26 05 33 13-2264 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	251.23	48.46
For Work In Restricted Working Space, Add	36.35	
26 05 33 13-2265 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial .....	289.01	50.57
For Work In Restricted Working Space, Add	37.93	
<b>26 05 33 13-2266 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2267 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	116.01	5.90
For Work In Restricted Working Space, Add	4.43	
26 05 33 13-2268 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	129.35	6.74
For Work In Restricted Working Space, Add	5.06	
26 05 33 13-2269 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	134.91	7.58
For Work In Restricted Working Space, Add	5.69	
26 05 33 13-2270 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	140.62	8.42
For Work In Restricted Working Space, Add	6.32	
26 05 33 13-2271 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	144.59	9.27
For Work In Restricted Working Space, Add	6.95	
26 05 33 13-2272 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	158.25	10.12
For Work In Restricted Working Space, Add	7.58	
26 05 33 13-2273 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	188.03	11.38
For Work In Restricted Working Space, Add	8.54	
26 05 33 13-2274 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	222.99	12.64
For Work In Restricted Working Space, Add	9.48	
26 05 33 13-2275 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	252.20	14.75
For Work In Restricted Working Space, Add	11.06	
26 05 33 13-2276 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	281.40	16.86
For Work In Restricted Working Space, Add	12.64	
26 05 33 13-2277 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	346.58	18.96
For Work In Restricted Working Space, Add	14.22	
26 05 33 13-2278 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial .....	424.31	21.07
For Work In Restricted Working Space, Add	15.80	
<b>26 05 33 13-2279 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints</b> <small>(26 05 33 13-2174)</small>		
26 05 33 13-2280 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	116.65	21.07
For Work In Restricted Working Space, Add	15.80	
26 05 33 13-2281 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	134.31	25.28
For Work In Restricted Working Space, Add	18.96	
26 05 33 13-2282 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	161.57	29.50
For Work In Restricted Working Space, Add	22.13	
26 05 33 13-2283 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	202.69	33.71
For Work In Restricted Working Space, Add	25.28	
26 05 33 13-2284 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	251.86	35.82
For Work In Restricted Working Space, Add	26.86	
26 05 33 13-2285 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	335.38	37.92
For Work In Restricted Working Space, Add	28.44	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2286 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	478.63	40.03
<i>For Work In Restricted Working Space, Add</i> .....	30.02	
26 05 33 13-2287 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	574.75	42.14
<i>For Work In Restricted Working Space, Add</i> .....	31.61	
26 05 33 13-2288 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	687.91	44.25
<i>For Work In Restricted Working Space, Add</i> .....	33.19	
26 05 33 13-2289 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	801.07	46.35
<i>For Work In Restricted Working Space, Add</i> .....	34.77	
26 05 33 13-2290 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	935.05	48.46
<i>For Work In Restricted Working Space, Add</i> .....	36.35	
26 05 33 13-2291 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial .....	1,508.13	50.57
<i>For Work In Restricted Working Space, Add</i> .....	37.93	

**26 05 33 13-2292****Spacers** (26 05 33 13-1863)

Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1863 for conduit.

26 05 33 13-2293 EA 1" Base Spacers, Average 4" Wide, Direct Burial .....	11.45	
26 05 33 13-2294 EA 1" Intermediate Spacers, Average 4" Wide, Direct Burial .....	12.27	
26 05 33 13-2295 EA 1-1/4" Base Spacer, Average 4" Wide, Direct Burial .....	13.58	
26 05 33 13-2296 EA 1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial .....	14.58	
26 05 33 13-2297 EA 1-1/2" Base Spacer, Average 4" Wide, Direct Burial .....	13.73	
26 05 33 13-2298 EA 1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial .....	14.68	
26 05 33 13-2299 EA 2" Base Spacer, Average 4" Wide, Direct Burial .....	16.96	
26 05 33 13-2300 EA 2" Intermediate Spacers, Average 4" Wide, Direct Burial .....	15.74	
26 05 33 13-2301 EA 2-1/2" Base Spacer, Average 4" Wide, Direct Burial .....	18.72	
26 05 33 13-2302 EA 2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial .....	18.11	
26 05 33 13-2303 EA 3" Base Spacer, Average 4" Wide, Direct Burial .....	21.37	
26 05 33 13-2304 EA 3" Intermediate Spacers, Average 4" Wide, Direct Burial .....	20.45	
26 05 33 13-2305 EA 3-1/2" Base Spacer, Average 4" Wide, Direct Burial .....	23.16	
26 05 33 13-2306 EA 3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial .....	22.16	
26 05 33 13-2307 EA 4" Base Spacer, Average 4" Wide, Direct Burial .....	23.89	
26 05 33 13-2308 EA 4" Intermediate Spacers, Average 4" Wide, Direct Burial .....	22.79	
26 05 33 13-2309 EA 5" Base Spacer, Average 4" Wide, Direct Burial .....	26.43	
26 05 33 13-2310 EA 5" Intermediate Spacers, Average 4" Wide, Direct Burial .....	25.12	
26 05 33 13-2311 EA 6" Base Spacer, Average 4" Wide, Direct Burial .....	30.06	
26 05 33 13-2312 EA 6" Intermediate Spacers, Average 4" Wide, Direct Burial .....	28.96	

**26 05 33 13-2313****Conduit Field Bending** (26 05 33 13-0058)

Note: Conduit tasks by LF include field bending up to and include 1" conduit.

**26 05 33 13-2314****Metallic Conduit Field Bending** (26 05 33 13-2313)

Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), and Intermediate Metal Conduit (IMC).

26 05 33 13-2315 EA 1-1/4" Metallic Conduit Field Bending .....	19.02	
<i>For Aluminum Conduit Bending, Add</i> .....	12.55	
26 05 33 13-2316 EA 1-1/2" Metallic Conduit Field Bending .....	23.78	
<i>For Aluminum Conduit Bending, Add</i> .....	15.69	
26 05 33 13-2317 EA 2" Metallic Conduit Field Bending .....	29.72	
<i>For Aluminum Conduit Bending, Add</i> .....	19.62	
26 05 33 13-2318 EA 2-1/2" Metallic Conduit Field Bending .....	41.60	
<i>For Aluminum Conduit Bending, Add</i> .....	27.46	
26 05 33 13-2319 EA 3" Metallic Conduit Field Bending .....	53.50	
<i>For Aluminum Conduit Bending, Add</i> .....	35.31	
26 05 33 13-2320 EA 3-1/2" Metallic Conduit Field Bending .....	71.33	
<i>For Aluminum Conduit Bending, Add</i> .....	47.08	
26 05 33 13-2321 EA 4" Metallic Conduit Field Bending .....	83.21	
<i>For Aluminum Conduit Bending, Add</i> .....	54.92	
26 05 33 13-2322 EA 5" Metallic Conduit Field Bending .....	95.10	
<i>For Aluminum Conduit Bending, Add</i> .....	62.77	
26 05 33 13-2323 EA 6" Metallic Conduit Field Bending .....	112.93	
<i>For Aluminum Conduit Bending, Add</i> .....	74.53	

**26 05 33 13-2324****Plastic Conduit Field Bending** (26 05 33 13-2313)

Note: For PVC conduits.

26 05 33 13-2325 EA 1" Plastic Conduit Field Bending .....	27.35	
26 05 33 13-2326 EA 1-1/4" Plastic Conduit Field Bending .....	29.72	
26 05 33 13-2327 EA 1-1/2" Plastic Conduit Field Bending .....	35.66	
26 05 33 13-2328 EA 2" Plastic Conduit Field Bending .....	47.55	
26 05 33 13-2329 EA 2-1/2" Plastic Conduit Field Bending .....	59.43	
26 05 33 13-2330 EA 3" Plastic Conduit Field Bending .....	71.33	
26 05 33 13-2331 EA 3-1/2" Plastic Conduit Field Bending .....	83.21	
26 05 33 13-2332 EA 4" Plastic Conduit Field Bending .....	95.10	
26 05 33 13-2333 EA 5" Plastic Conduit Field Bending .....	106.99	
26 05 33 13-2334 EA 6" Plastic Conduit Field Bending .....	118.88	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 33 13-2335</b> <b>Cut And Thread Existing In-Place Threaded Conduit</b> <small>(26 05 33 13-0058)</small>		
<small>Note: For use when connecting conduit to an existing in-place system.</small>		
26 05 33 13-2336    EA    1/2", Cut And Thread Existing In-Place Threaded Conduit.....	34.83	
<i>For Work In Restricted Working Space, Add</i>	10.45	
26 05 33 13-2337    EA    3/4", Cut And Thread Existing In-Place Threaded Conduit.....	38.31	
<i>For Work In Restricted Working Space, Add</i>	11.49	
26 05 33 13-2338    EA    1", Cut And Thread Existing In-Place Threaded Conduit.....	41.80	
<i>For Work In Restricted Working Space, Add</i>	12.54	
26 05 33 13-2339    EA    1-1/4", Cut And Thread Existing In-Place Threaded Conduit.....	45.28	
<i>For Work In Restricted Working Space, Add</i>	13.58	
26 05 33 13-2340    EA    1-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	47.60	
<i>For Work In Restricted Working Space, Add</i>	14.28	
26 05 33 13-2341    EA    2", Cut And Thread Existing In-Place Threaded Conduit.....	49.92	
<i>For Work In Restricted Working Space, Add</i>	14.98	
26 05 33 13-2342    EA    2-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	52.25	
<i>For Work In Restricted Working Space, Add</i>	15.68	
26 05 33 13-2343    EA    3", Cut And Thread Existing In-Place Threaded Conduit.....	54.57	
<i>For Work In Restricted Working Space, Add</i>	16.37	
26 05 33 13-2344    EA    3-1/2", Cut And Thread Existing In-Place Threaded Conduit.....	55.73	
<i>For Work In Restricted Working Space, Add</i>	16.72	
26 05 33 13-2345    EA    4", Cut And Thread Existing In-Place Threaded Conduit.....	56.89	
<i>For Work In Restricted Working Space, Add</i>	17.07	
26 05 33 13-2346    EA    5", Cut And Thread Existing In-Place Threaded Conduit.....	59.21	
<i>For Work In Restricted Working Space, Add</i>	17.76	
26 05 33 13-2347    EA    6", Cut And Thread Existing In-Place Threaded Conduit.....	61.54	
<i>For Work In Restricted Working Space, Add</i>	18.46	
<b>26 05 33 13-2348</b> <b>Flexible Conduit</b> <small>(26 05 33 13-0058)</small>		
<b>26 05 33 13-2349</b> <b>Flexible Liquid Tight Metallic Conduit And Connectors</b> <small>(26 05 33 13-2348)</small>		
<small>Note: Steel inner core with PVC cover.</small>		
<b>26 05 33 13-2350</b> <b>Flexible Liquid Tight Metallic Conduit</b> <small>(26 05 33 13-2349)</small>		
26 05 33 13-2351    LF    3/8" Flexible Liquid Tight Metallic Conduit.....	4.61	1.27
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.48	
<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2352    LF    1/2" Flexible Liquid Tight Metallic Conduit.....	4.82	1.27
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.48	
<i>For Work In Restricted Working Space, Add</i>	0.95	
26 05 33 13-2353    LF    3/4" Flexible Liquid Tight Metallic Conduit.....	6.45	1.69
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
<i>For Work In Restricted Working Space, Add</i>	1.27	
26 05 33 13-2354    LF    1" Flexible Liquid Tight Metallic Conduit.....	7.58	1.69
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
<i>For Work In Restricted Working Space, Add</i>	1.27	
26 05 33 13-2355    LF    1-1/4" Flexible Liquid Tight Metallic Conduit.....	9.86	2.12
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.79	
<i>For Work In Restricted Working Space, Add</i>	1.59	
26 05 33 13-2356    LF    1-1/2" Flexible Liquid Tight Metallic Conduit.....	12.77	2.54
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.95	
<i>For Work In Restricted Working Space, Add</i>	1.91	
26 05 33 13-2357    LF    2" Flexible Liquid Tight Metallic Conduit.....	16.77	3.39
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.27	
<i>For Work In Restricted Working Space, Add</i>	2.54	
26 05 33 13-2358    LF    2-1/2" Flexible Liquid Tight Metallic Conduit.....	23.24	3.81
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.43	
<i>For Work In Restricted Working Space, Add</i>	2.86	
26 05 33 13-2359    LF    3" Flexible Liquid Tight Metallic Conduit.....	34.71	4.66
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.75	
<i>For Work In Restricted Working Space, Add</i>	3.50	
26 05 33 13-2360    LF    4" Flexible Liquid Tight Metallic Conduit.....	47.73	5.93
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.22	
<i>For Work In Restricted Working Space, Add</i>	4.45	
<b>26 05 33 13-2361</b> <b>Straight Liquid Tight Connector</b> <small>(26 05 33 13-2349)</small>		
26 05 33 13-2362    EA    3/8" Straight Liquid Tight Connector.....	12.54	3.39
<i>For Work In Restricted Working Space, Add</i>	2.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54	
26 05 33 13-2363    EA    1/2" Straight Liquid Tight Connector.....	12.54	3.39
<i>For Work In Restricted Working Space, Add</i>	2.54	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54	
26 05 33 13-2364    EA    3/4" Straight Liquid Tight Connector.....	15.36	3.81
<i>For Work In Restricted Working Space, Add</i>	2.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.86	
26 05 33 13-2365    EA    1" Straight Liquid Tight Connector.....	20.99	4.23
<i>For Work In Restricted Working Space, Add</i>	3.18	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.18	
26 05 33 13-2366    EA    1-1/4" Straight Liquid Tight Connector.....	27.37	4.66
<i>For Work In Restricted Working Space, Add</i>	3.50	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2367	EA	1-1/2" Straight Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.13 3.81 3.81	5.08
26 05 33	13-2368	EA	2" Straight Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.99 4.45 4.45	5.93
26 05 33	13-2369	EA	2-1/2" Straight Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	174.18 5.72 5.72	7.62
26 05 33	13-2370	EA	3" Straight Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	225.55 6.04 6.04	8.05
26 05 33	13-2371	EA	4" Straight Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	274.99 8.90 8.90	11.86
<b>26 05 33</b>	<b>13-2372</b>		<b>90 Degree Angle Liquid Tight Connector</b> <small>(26 05 33 13-2349)</small>		
26 05 33	13-2373	EA	3/8" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.44 3.50 3.50	4.66
26 05 33	13-2374	EA	1/2" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.32 3.50 3.50	4.66
26 05 33	13-2375	EA	3/4" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92 3.81 3.81	5.08
26 05 33	13-2376	EA	1" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.59 4.45 4.45	5.93
26 05 33	13-2377	EA	1-1/4" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.41 4.76 4.76	6.36
26 05 33	13-2378	EA	1-1/2" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.52 5.08 5.08	6.78
26 05 33	13-2379	EA	2" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.22 5.72 5.72	7.62
26 05 33	13-2380	EA	2-1/2" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	244.75 6.04 6.04	8.05
26 05 33	13-2381	EA	3" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	289.30 6.99 6.99	9.31
26 05 33	13-2382	EA	4" 90 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	399.16 11.12 11.12	14.82
<b>26 05 33</b>	<b>13-2383</b>		<b>45 Degree Angle Connector</b> <small>(26 05 33 13-2349)</small>		
26 05 33	13-2384	EA	3/8" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.15 3.50 3.50	4.66
26 05 33	13-2385	EA	1/2" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.36 3.50 3.50	4.66
26 05 33	13-2386	EA	3/4" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.92 3.81 3.81	5.08
26 05 33	13-2387	EA	1" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.98 4.45 4.45	5.93
26 05 33	13-2388	EA	1-1/4" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.85 4.76 4.76	6.36
26 05 33	13-2389	EA	1-1/2" 45 Degree Angle Liquid Tight Connector ..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.73 5.08 5.08	6.78
<b>26 05 33</b>	<b>13-2390</b>		<b>Flexible Metallic Conduit And Connectors</b> <small>(26 05 33 13-2348)</small>		
<b>26 05 33</b>	<b>13-2391</b>		<b>Flexible Steel Conduit</b> <small>(26 05 33 13-2390)</small>		
26 05 33	13-2392	LF	3/8" Flexible Metallic Conduit ..... <i>For Flexible Aluminum Conduit, Add</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i> <i>For Work In Restricted Working Space, Add</i>	4.07 0.11 0.51 0.34 0.85 1.02	1.39



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2393 LF 1/2" Flexible Metallic Conduit.....	4.22	1.39
For Flexible Aluminum Conduit, Add	0.12	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.52	
For Installation In Metal Stud Wall, Add	0.35	
For Installation In Wood Stud Wall (Includes Drilling), Add	0.87	
For Work In Restricted Working Space, Add	1.04	
26 05 33 13-2394 LF 3/4" Flexible Metallic Conduit.....	4.78	1.85
For Flexible Aluminum Conduit, Add	0.17	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.57	
For Installation In Metal Stud Wall, Add	0.38	
For Installation In Wood Stud Wall (Includes Drilling), Add	0.94	
For Work In Restricted Working Space, Add	1.13	
26 05 33 13-2395 LF 1" Flexible Metallic Conduit.....	5.94	1.85
For Flexible Aluminum Conduit, Add	0.31	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.61	
For Installation In Metal Stud Wall, Add	0.41	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.02	
For Work In Restricted Working Space, Add	1.22	
26 05 33 13-2396 LF 1-1/4" Flexible Metallic Conduit .....	6.74	2.32
For Flexible Aluminum Conduit, Add	0.40	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.64	
For Installation In Metal Stud Wall, Add	0.43	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.07	
For Work In Restricted Working Space, Add	1.29	
26 05 33 13-2397 LF 1-1/2" Flexible Metallic Conduit .....	8.76	2.79
For Flexible Aluminum Conduit, Add	0.71	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.67	
For Installation In Metal Stud Wall, Add	0.45	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.12	
For Work In Restricted Working Space, Add	1.34	
26 05 33 13-2398 LF 2" Flexible Metallic Conduit.....	9.91	3.71
For Flexible Aluminum Conduit, Add	0.87	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.70	
For Installation In Metal Stud Wall, Add	0.46	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.16	
For Work In Restricted Working Space, Add	1.39	
26 05 33 13-2399 LF 2-1/2" Flexible Steel Conduit .....	12.17	4.17
For Flexible Aluminum Conduit, Add	1.05	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.87	
For Installation In Metal Stud Wall, Add	0.58	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.45	
For Work In Restricted Working Space, Add	1.74	
26 05 33 13-2400 LF 3" Flexible Metallic Conduit.....	18.04	5.10
For Flexible Aluminum Conduit, Add	1.83	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.04	
For Installation In Metal Stud Wall, Add	0.70	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.74	
For Work In Restricted Working Space, Add	2.09	
26 05 33 13-2401 LF 3-1/2" Flexible Metallic Conduit .....	22.08	5.56
For Flexible Aluminum Conduit, Add	2.31	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.22	
For Installation In Metal Stud Wall, Add	0.81	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.03	
For Work In Restricted Working Space, Add	2.43	
26 05 33 13-2402 LF 4" Flexible Metallic Conduit.....	25.39	6.50
For Flexible Aluminum Conduit, Add	2.66	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.39	
For Installation In Metal Stud Wall, Add	0.93	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.32	
For Work In Restricted Working Space, Add	2.78	
<b>26 05 33 13-2403 Plain Squeeze Type Straight Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33 13-2404 EA 3/8" Flexible Straight Connectors, Plain.....	6.91	3.71
For Work In Restricted Working Space, Add	1.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.56	
26 05 33 13-2405 EA 1/2" Flexible Straight Connectors, Plain.....	8.49	4.17
For Work In Restricted Working Space, Add	1.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.74	
26 05 33 13-2406 EA 3/4" Flexible Straight Connectors, Plain.....	9.80	5.10
For Work In Restricted Working Space, Add	2.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.09	
26 05 33 13-2407 EA 1" Flexible Straight Connectors, Plain.....	15.51	5.56
For Work In Restricted Working Space, Add	2.78	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.78	
26 05 33 13-2408 EA 1-1/4" Flexible Straight Connectors, Plain .....	21.81	6.50
For Work In Restricted Working Space, Add	3.48	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.48	
26 05 33 13-2409 EA 1-1/2" Flexible Straight Connectors, Plain .....	28.67	7.88
For Work In Restricted Working Space, Add	4.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.34	
26 05 33 13-2410 EA 2" Flexible Straight Connectors, Plain.....	37.57	7.88
For Work In Restricted Working Space, Add	5.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.22	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2411	EA	2-1/2" Flexible Straight Connectors, Plain .....	59.94	9.73
			<i>For Work In Restricted Working Space, Add</i> .....	6.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.09	
26 05 33	13-2412	EA	3" Flexible Straight Connectors, Plain .....	78.15	10.66
			<i>For Work In Restricted Working Space, Add</i> .....	6.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.95	
26 05 33	13-2413	EA	3-1/2" Flexible Straight Connectors, Plain .....	238.65	12.52
			<i>For Work In Restricted Working Space, Add</i> .....	7.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	7.82	
26 05 33	13-2414	EA	4" Flexible Straight Connectors, Plain .....	297.91	15.30
			<i>For Work In Restricted Working Space, Add</i> .....	8.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	8.69	
<b>26 05 33 13-2415 Insulated Throat Squeeze Type Straight Connector</b> <small>(26 05 33 13-2390)</small>					
26 05 33	13-2416	EA	1/2" Flexible Straight Connectors, Insulated .....	9.42	4.17
			<i>For Work In Restricted Working Space, Add</i> .....	1.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	1.74	
26 05 33	13-2417	EA	3/4" Flexible Straight Connectors, Insulated .....	11.03	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.09	
26 05 33	13-2418	EA	1" Flexible Straight Connectors, Insulated .....	17.17	5.56
			<i>For Work In Restricted Working Space, Add</i> .....	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.78	
26 05 33	13-2419	EA	1-1/4" Flexible Straight Connectors, Insulated .....	24.86	6.50
			<i>For Work In Restricted Working Space, Add</i> .....	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.48	
26 05 33	13-2420	EA	1-1/2" Flexible Straight Connectors, Insulated .....	34.10	6.96
			<i>For Work In Restricted Working Space, Add</i> .....	4.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.34	
26 05 33	13-2421	EA	2" Flexible Straight Connectors, Insulated .....	47.15	7.88
			<i>For Work In Restricted Working Space, Add</i> .....	5.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.22	
26 05 33	13-2422	EA	2-1/2" Flexible Straight Connectors, Insulated .....	80.43	9.73
			<i>For Work In Restricted Working Space, Add</i> .....	6.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.09	
26 05 33	13-2423	EA	3" Flexible Straight Connectors, Insulated .....	102.31	10.66
			<i>For Work In Restricted Working Space, Add</i> .....	6.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.95	
26 05 33	13-2424	EA	3-1/2" Flexible Straight Connectors, Insulated .....	275.90	12.52
			<i>For Work In Restricted Working Space, Add</i> .....	7.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	7.82	
26 05 33	13-2425	EA	4" Flexible Straight Connectors, Insulated .....	353.91	15.30
			<i>For Work In Restricted Working Space, Add</i> .....	8.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	8.69	
<b>26 05 33 13-2426 Plain Squeeze Type 90 Degree Connector</b> <small>(26 05 33 13-2390)</small>					
26 05 33	13-2427	EA	3/8" Flexible 90 Degree Connector, Plain .....	9.68	4.64
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.09	
26 05 33	13-2428	EA	1/2" Flexible 90 Degree Connector, Plain .....	12.67	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.43	
26 05 33	13-2429	EA	3/4" Flexible 90 Degree Connector, Plain .....	16.41	5.56
			<i>For Work In Restricted Working Space, Add</i> .....	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.78	
26 05 33	13-2430	EA	1" Flexible 90 Degree Connector, Plain .....	22.86	6.50
			<i>For Work In Restricted Working Space, Add</i> .....	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.48	
26 05 33	13-2431	EA	1-1/4" Flexible 90 Degree Connector, Plain .....	35.30	6.96
			<i>For Work In Restricted Working Space, Add</i> .....	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.17	
26 05 33	13-2432	EA	1-1/2" Flexible 90 Degree Connector, Plain .....	54.77	8.11
			<i>For Work In Restricted Working Space, Add</i> .....	5.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.22	
26 05 33	13-2433	EA	2" Flexible 90 Degree Connector, Plain .....	65.94	9.96
			<i>For Work In Restricted Working Space, Add</i> .....	5.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.91	
26 05 33	13-2434	EA	2-1/2" Flexible 90 Degree Connector, Plain .....	143.68	10.66
			<i>For Work In Restricted Working Space, Add</i> .....	6.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	6.95	
26 05 33	13-2435	EA	3" Flexible 90 Degree Connector, Plain .....	184.27	12.52
			<i>For Work In Restricted Working Space, Add</i> .....	7.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	7.82	
26 05 33	13-2436	EA	3-1/2" Flexible 90 Degree Connector, Plain .....	388.73	15.30
			<i>For Work In Restricted Working Space, Add</i> .....	8.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	8.69	
26 05 33	13-2437	EA	4" Flexible 90 Degree Connector, Plain .....	693.08	17.39
			<i>For Work In Restricted Working Space, Add</i> .....	10.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	10.43	

26 05 33 13-2438 Insulated Throat Squeeze Type 90 Degree Connector (26 05 33 13-2390)



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2439 EA 1/2" Flexible 90 Degree Connector, Insulated .....13.96		5.10
<i>For Work In Restricted Working Space, Add</i>	2.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.43	
26 05 33 13-2440 EA 3/4" Flexible 90 Degree Connector, Insulated .....18.00		5.56
<i>For Work In Restricted Working Space, Add</i>	2.78	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
26 05 33 13-2441 EA 1" Flexible 90 Degree Connector, Insulated .....22.86		6.50
<i>For Work In Restricted Working Space, Add</i>	3.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 05 33 13-2442 EA 1-1/4" Flexible 90 Degree Connector, Insulated .....40.95		6.96
<i>For Work In Restricted Working Space, Add</i>	4.17	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	
26 05 33 13-2443 EA 1-1/2" Flexible 90 Degree Connector, Insulated .....65.04		8.11
<i>For Work In Restricted Working Space, Add</i>	5.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
26 05 33 13-2444 EA 2" Flexible 90 Degree Connector, Insulated .....82.63		9.96
<i>For Work In Restricted Working Space, Add</i>	5.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.91	
26 05 33 13-2445 EA 2-1/2" Flexible 90 Degree Connector, Insulated .....195.87		10.66
<i>For Work In Restricted Working Space, Add</i>	6.95	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 05 33 13-2446 EA 3" Flexible 90 Degree Connector, Insulated .....240.82		12.52
<i>For Work In Restricted Working Space, Add</i>	7.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.82	
26 05 33 13-2447 EA 3-1/2" Flexible 90 Degree Connector, Insulated .....645.00		15.30
<i>For Work In Restricted Working Space, Add</i>	8.69	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 05 33 13-2448 EA 4" Flexible 90 Degree Connector, Insulated .....961.49		17.39
<i>For Work In Restricted Working Space, Add</i>	10.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
<b>26 05 33 13-2449 Plain Squeeze Type 45 Degree Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33 13-2450 EA 3/8" Flexible 45 Degree Connector, Plain .....10.72		4.64
<i>For Work In Restricted Working Space, Add</i>	2.09	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33 13-2451 EA 1/2" Flexible 45 Degree Connector, Plain .....14.34		5.10
<i>For Work In Restricted Working Space, Add</i>	2.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.43	
26 05 33 13-2452 EA 3/4" Flexible 45 Degree Connector, Plain .....18.27		5.56
<i>For Work In Restricted Working Space, Add</i>	2.78	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
<b>26 05 33 13-2453 Insulated Squeeze Type 45 Degree Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33 13-2454 EA 3/8" Flexible 45 Degree Connector, Insulated .....11.44		5.56
<i>For Work In Restricted Working Space, Add</i>	2.09	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33 13-2455 EA 1/2" Flexible 45 Degree Connector, Insulated .....15.52		5.10
<i>For Work In Restricted Working Space, Add</i>	2.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.43	
26 05 33 13-2456 EA 3/4" Flexible 45 Degree Connector, Insulated .....19.94		5.56
<i>For Work In Restricted Working Space, Add</i>	2.78	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
<b>26 05 33 13-2457 Plain Screw-In Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33 13-2458 EA 3/8" Flexible Steel Screw-in Connector, Plain .....5.84		3.71
<i>For Work In Restricted Working Space, Add</i>	1.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.56	
26 05 33 13-2459 EA 1/2" Flexible Steel Screw-in Connector, Plain .....6.31		4.17
<i>For Work In Restricted Working Space, Add</i>	1.74	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.74	
26 05 33 13-2460 EA 3/4" Flexible Steel Screw-in Connector, Plain .....8.02		5.10
<i>For Work In Restricted Working Space, Add</i>	2.09	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33 13-2461 EA 1" Flexible Steel Screw-in Connector, Plain .....11.40		5.56
<i>For Work In Restricted Working Space, Add</i>	2.78	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
26 05 33 13-2462 EA 1-1/4" Flexible Steel Screw-in Connector, Plain .....16.57		6.50
<i>For Work In Restricted Working Space, Add</i>	3.48	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 05 33 13-2463 EA 1-1/2" Flexible Steel Screw-in Connector, Plain .....20.28		6.96
<i>For Work In Restricted Working Space, Add</i>	4.34	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.34	
26 05 33 13-2464 EA 2" Flexible Steel Screw-in Connector, Plain .....29.44		7.88
<i>For Work In Restricted Working Space, Add</i>	5.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
<b>26 05 33 13-2465 Insulated Screw-In Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33 13-2466 EA 3/8" Flexible Steel Screw-in Connector, Insulated .....6.15		3.71
<i>For Work In Restricted Working Space, Add</i>	1.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.56	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2467	EA	1/2" Flexible Steel Screw-in Connector, Insulated .....	6.56	4.17
			<i>For Work In Restricted Working Space, Add</i> .....	1.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	1.74	
26 05 33	13-2468	EA	3/4" Flexible Steel Screw-in Connector, Insulated .....	8.65	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.09	
26 05 33	13-2469	EA	1" Flexible Steel Screw-in Connector, Insulated .....	12.36	5.56
			<i>For Work In Restricted Working Space, Add</i> .....	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.78	
26 05 33	13-2470	EA	1-1/4" Flexible Steel Screw-in Connector, Insulated .....	17.95	6.50
			<i>For Work In Restricted Working Space, Add</i> .....	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.48	
26 05 33	13-2471	EA	1-1/2" Flexible Steel Screw-in Connector, Insulated .....	21.93	6.96
			<i>For Work In Restricted Working Space, Add</i> .....	4.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.34	
26 05 33	13-2472	EA	2" Flexible Steel Screw-in Connector, Insulated .....	30.89	7.88
			<i>For Work In Restricted Working Space, Add</i> .....	5.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.22	
<b>26 05 33</b>	<b>13-2473</b>		<b>Screw-In Coupling</b> <small>(26 05 33 13-2390)</small>		
26 05 33	13-2474	EA	1/2" Flexible Steel Screw-in Coupling .....	6.92	4.17
			<i>For Work In Restricted Working Space, Add</i> .....	1.74	
26 05 33	13-2475	EA	3/4" Flexible Steel Screw-in Coupling .....	9.02	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
<b>26 05 33</b>	<b>13-2476</b>		<b>Flexible To Electrical Metallic Tubing (EMT) Coupling</b> <small>(26 05 33 13-2390)</small>		
26 05 33	13-2477	EA	3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling .....	9.04	3.71
			<i>For Work In Restricted Working Space, Add</i> .....	1.56	
26 05 33	13-2478	EA	1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling .....	12.18	4.17
			<i>For Work In Restricted Working Space, Add</i> .....	1.74	
26 05 33	13-2479	EA	3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling .....	16.04	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
<b>26 05 33</b>	<b>13-2480</b>		<b>Die Cast Squeeze Type Straight Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33	13-2481	EA	3/8" Flexible Straight Connector, Die Cast .....	6.03	3.71
			<i>For Work In Restricted Working Space, Add</i> .....	1.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	1.56	
26 05 33	13-2482	EA	1/2" Flexible Straight Connector, Die Cast .....	6.81	4.17
			<i>For Work In Restricted Working Space, Add</i> .....	1.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	1.74	
26 05 33	13-2483	EA	3/4" Flexible Straight Connector, Die Cast .....	8.44	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.09	
26 05 33	13-2484	EA	1" Flexible Straight Connector, Die Cast .....	12.58	5.56
			<i>For Work In Restricted Working Space, Add</i> .....	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.78	
26 05 33	13-2485	EA	1-1/4" Flexible Straight Connector, Die Cast .....	16.87	6.50
			<i>For Work In Restricted Working Space, Add</i> .....	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.48	
26 05 33	13-2486	EA	1-1/2" Flexible Straight Connector, Die Cast .....	22.76	6.96
			<i>For Work In Restricted Working Space, Add</i> .....	4.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.34	
26 05 33	13-2487	EA	2" Flexible Straight Connector, Die Cast .....	29.31	7.88
			<i>For Work In Restricted Working Space, Add</i> .....	5.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.22	
<b>26 05 33</b>	<b>13-2488</b>		<b>Die Cast Squeeze Type 90 Degree Connector</b> <small>(26 05 33 13-2390)</small>		
26 05 33	13-2489	EA	3/8" Flexible 90 Degree Connector, Die Cast .....	8.01	4.64
			<i>For Work In Restricted Working Space, Add</i> .....	2.09	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.09	
26 05 33	13-2490	EA	1/2" Flexible 90 Degree Connector, Die Cast .....	9.87	5.10
			<i>For Work In Restricted Working Space, Add</i> .....	2.43	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.43	
26 05 33	13-2491	EA	3/4" Flexible 90 Degree Connector, Die Cast .....	11.92	5.56
			<i>For Work In Restricted Working Space, Add</i> .....	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	2.78	
26 05 33	13-2492	EA	1" Flexible 90 Degree Connector, Die Cast .....	18.58	6.50
			<i>For Work In Restricted Working Space, Add</i> .....	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	3.48	
26 05 33	13-2493	EA	1-1/4" Flexible 90 Degree Connector, Die Cast .....	26.12	6.96
			<i>For Work In Restricted Working Space, Add</i> .....	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	4.17	
26 05 33	13-2494	EA	1-1/2" Flexible 90 Degree Connector, Die Cast .....	40.17	8.11
			<i>For Work In Restricted Working Space, Add</i> .....	5.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.22	
26 05 33	13-2495	EA	2" Flexible 90 Degree Connector, Die Cast .....	47.93	9.96
			<i>For Work In Restricted Working Space, Add</i> .....	5.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	5.91	



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2496	<b>Flexible Liquid Tight Non-Metallic Conduit And Connectors</b> <small>(26 05 33 13-2348)</small>			
26 05 33 13-2497	<b>Flexible Liquid Tight Non-Metallic Conduit</b> <small>(26 05 33 13-2496)</small>			
26 05 33 13-2498	LF 3/8" Flexible Liquid Tight Non-Metallic Conduit .....	4.10	1.27	
	<i>For Work In Restricted Working Space, Add</i>	0.95		
26 05 33 13-2499	LF 1/2" Flexible Liquid Tight Non-Metallic Conduit .....	4.17	1.27	
	<i>For Work In Restricted Working Space, Add</i>	0.95		
26 05 33 13-2500	LF 3/4" Flexible Liquid Tight Non-Metallic Conduit .....	5.60	1.69	
	<i>For Work In Restricted Working Space, Add</i>	1.27		
26 05 33 13-2501	LF 1" Flexible Liquid Tight Non-Metallic Conduit .....	7.00	1.69	
	<i>For Work In Restricted Working Space, Add</i>	1.27		
26 05 33 13-2502	LF 1-1/4" Flexible Liquid Tight Non-Metallic Conduit .....	8.90	2.12	
	<i>For Work In Restricted Working Space, Add</i>	1.59		
26 05 33 13-2503	LF 1-1/2" Flexible Liquid Tight Non-Metallic Conduit .....	11.38	2.54	
	<i>For Work In Restricted Working Space, Add</i>	1.91		
26 05 33 13-2504	LF 2" Flexible Liquid Tight Non-Metallic Conduit .....	14.59	3.39	
	<i>For Work In Restricted Working Space, Add</i>	2.54		
26 05 33 13-2505	<b>Liquid Tight Non-Metallic Straight Connector</b> <small>(26 05 33 13-2496)</small>			
26 05 33 13-2506	EA 3/8" Liquid Tight Non-Metallic Straight Connector .....	11.84	3.39	
	<i>For Work In Restricted Working Space, Add</i>	2.54		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54		
26 05 33 13-2507	EA 1/2" Liquid Tight Non-Metallic Straight Connector .....	11.84	3.39	
	<i>For Work In Restricted Working Space, Add</i>	2.54		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.54		
26 05 33 13-2508	EA 3/4" Liquid Tight Non-Metallic Straight Connector .....	14.52	3.81	
	<i>For Work In Restricted Working Space, Add</i>	2.86		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.86		
26 05 33 13-2509	EA 1" Liquid Tight Non-Metallic Straight Connector .....	18.09	4.23	
	<i>For Work In Restricted Working Space, Add</i>	3.18		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.18		
26 05 33 13-2510	EA 1-1/4" Liquid Tight Non-Metallic Straight Connector .....	25.12	4.66	
	<i>For Work In Restricted Working Space, Add</i>	3.50		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50		
26 05 33 13-2511	EA 1-1/2" Liquid Tight Non-Metallic Straight Connector .....	31.45	5.08	
	<i>For Work In Restricted Working Space, Add</i>	3.81		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81		
26 05 33 13-2512	EA 2" Liquid Tight Non-Metallic Straight Connector .....	49.20	5.93	
	<i>For Work In Restricted Working Space, Add</i>	4.45		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45		
26 05 33 13-2513	<b>Liquid Tight Non-Metallic 90 Degree Angle Connector</b> <small>(26 05 33 13-2496)</small>			
26 05 33 13-2514	EA 3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	17.14	4.66	
	<i>For Work In Restricted Working Space, Add</i>	3.50		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50		
26 05 33 13-2515	EA 1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	17.14	4.66	
	<i>For Work In Restricted Working Space, Add</i>	3.50		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50		
26 05 33 13-2516	EA 3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	21.15	5.08	
	<i>For Work In Restricted Working Space, Add</i>	3.81		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81		
26 05 33 13-2517	EA 1" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	30.06	5.93	
	<i>For Work In Restricted Working Space, Add</i>	4.45		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45		
26 05 33 13-2518	EA 1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	31.05	6.36	
	<i>For Work In Restricted Working Space, Add</i>	4.76		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76		
26 05 33 13-2519	EA 1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	49.47	6.78	
	<i>For Work In Restricted Working Space, Add</i>	5.08		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08		
26 05 33 13-2520	EA 2" Liquid Tight Non-Metallic 90 Degree Angle Connector .....	66.65	7.62	
	<i>For Work In Restricted Working Space, Add</i>	5.72		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72		
26 05 33 13-2521	<b>Liquid Tight Non-Metallic 45 Degree Angle Connector</b> <small>(26 05 33 13-2496)</small>			
26 05 33 13-2522	EA 3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	17.14	4.66	
	<i>For Work In Restricted Working Space, Add</i>	3.50		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50		
26 05 33 13-2523	EA 1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	17.14	4.66	
	<i>For Work In Restricted Working Space, Add</i>	3.50		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.50		
26 05 33 13-2524	EA 3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	21.15	5.08	
	<i>For Work In Restricted Working Space, Add</i>	3.81		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.81		
26 05 33 13-2525	EA 1" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	30.06	5.93	
	<i>For Work In Restricted Working Space, Add</i>	4.45		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.45		
26 05 33 13-2526	EA 1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector .....	31.05	6.36	
	<i>For Work In Restricted Working Space, Add</i>	4.76		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2527	EA	1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	49.47	6.78
			<i>For Work In Restricted Working Space, Add</i>	5.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.08	
26 05 33	13-2528	EA	2" Liquid Tight Non-Metallic 45 Degree Angle Connector.....	66.65	7.62
			<i>For Work In Restricted Working Space, Add</i>	5.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.72	
26 05 33	13-2529		<b>Blue ENT Electrical Non-Metallic Tubing</b> (26 05 33 13-2348) Note: Carlon - FLEX-PLUS.		
26 05 33	13-2530		<b>Blue ENT Electrical Non-Metallic Tubing</b> (26 05 33 13-2529)		
26 05 33	13-2531	LF	1/2" Blue ENT Electrical Non-Metallic Tubing.....	5.16	1.39
			<i>For Work In Restricted Working Space, Add</i>	1.04	
26 05 33	13-2532	LF	3/4" Blue ENT Electrical Non-Metallic Tubing.....	6.99	1.85
			<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 33	13-2533	LF	1" Blue ENT Electrical Non-Metallic Tubing.....	8.43	1.85
			<i>For Work In Restricted Working Space, Add</i>	1.39	
26 05 33	13-2534		<b>Terminal Adapter</b> (26 05 33 13-2529)		
26 05 33	13-2535	EA	1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	12.04	3.71
			<i>For Work In Restricted Working Space, Add</i>	2.78	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.78	
26 05 33	13-2536	EA	3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	15.48	4.17
			<i>For Work In Restricted Working Space, Add</i>	3.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.13	
26 05 33	13-2537	EA	1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing.....	18.09	4.64
			<i>For Work In Restricted Working Space, Add</i>	3.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 05 33	13-2538		<b>Coupling</b> (26 05 33 13-2529)		
26 05 33	13-2539	EA	1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	11.68	3.71
			<i>For Work In Restricted Working Space, Add</i>	2.78	
26 05 33	13-2540	EA	3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	13.56	4.17
			<i>For Work In Restricted Working Space, Add</i>	3.13	
26 05 33	13-2541	EA	1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing.....	16.28	4.64
			<i>For Work In Restricted Working Space, Add</i>	3.48	
26 05 33	13-2542		<b>Metallic Conduit Bodies</b> (26 05 33 13-0058)		
26 05 33	13-2543		<b>Threaded, Cast Aluminum Conduit Body</b> (26 05 33 13-2542) Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33	13-2544		<b>Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover</b> (26 05 33 13-2543)		
26 05 33	13-2545	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	60.38	20.33
			<i>For Mogul LB, Add</i>	4.62	
			<i>For Work In Restricted Working Space, Add</i>	15.25	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
			<i>For Elevated Installation &gt;40', Add</i>	27.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.25	
26 05 33	13-2546	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	71.20	23.29
			<i>For Mogul LB, Add</i>	6.82	
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.29	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
			<i>For Elevated Installation &gt;40', Add</i>	32.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33	13-2547	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	86.23	27.11
			<i>For Mogul LB, Add</i>	10.46	
			<i>For Work In Restricted Working Space, Add</i>	20.33	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.78	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.55	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.72	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.89	
			<i>For Elevated Installation &gt;40', Add</i>	37.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.33	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2548 EA 1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	104.86	30.92
For Mogul LB, Add	16.81	
For Work In Restricted Working Space, Add	23.19	
For Elevated Installation >10' To 15', Add	7.73	
For Elevated Installation >15' To 20', Add	15.46	
For Elevated Installation >20' To 25', Add	19.33	
For Elevated Installation >25' To 30', Add	27.06	
For Elevated Installation >30' To 35', Add	30.92	
For Elevated Installation >35' To 40', Add	38.65	
For Elevated Installation >40', Add	42.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.19	
26 05 33 13-2549 EA 1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	120.27	33.88
For Mogul LB, Add	22.43	
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	
26 05 33 13-2550 EA 2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	159.09	40.66
For Mogul LB, Add	38.00	
For Work In Restricted Working Space, Add	30.50	
For Elevated Installation >10' To 15', Add	10.17	
For Elevated Installation >15' To 20', Add	20.33	
For Elevated Installation >20' To 25', Add	25.41	
For Elevated Installation >25' To 30', Add	35.58	
For Elevated Installation >30' To 35', Add	40.66	
For Elevated Installation >35' To 40', Add	50.83	
For Elevated Installation >40', Add	55.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.50	
26 05 33 13-2551 EA 2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	270.07	57.18
For Mogul LB, Add	88.19	
For Work In Restricted Working Space, Add	42.89	
For Elevated Installation >10' To 15', Add	14.30	
For Elevated Installation >15' To 20', Add	28.59	
For Elevated Installation >20' To 25', Add	35.74	
For Elevated Installation >25' To 30', Add	50.03	
For Elevated Installation >30' To 35', Add	57.18	
For Elevated Installation >35' To 40', Add	71.48	
For Elevated Installation >40', Add	78.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.89	
26 05 33 13-2552 EA 3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	354.73	76.24
For Mogul LB, Add	113.57	
For Work In Restricted Working Space, Add	57.18	
For Elevated Installation >10' To 15', Add	19.06	
For Elevated Installation >15' To 20', Add	38.12	
For Elevated Installation >20' To 25', Add	47.65	
For Elevated Installation >25' To 30', Add	66.71	
For Elevated Installation >30' To 35', Add	76.24	
For Elevated Installation >35' To 40', Add	95.30	
For Elevated Installation >40', Add	104.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.18	
26 05 33 13-2553 EA 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	472.99	95.30
For Mogul LB, Add	164.14	
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.56	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.48	
26 05 33 13-2554 EA 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	616.32	116.06
For Mogul LB, Add	230.14	
For Work In Restricted Working Space, Add	87.04	
For Elevated Installation >10' To 15', Add	29.01	
For Elevated Installation >15' To 20', Add	58.03	
For Elevated Installation >20' To 25', Add	72.53	
For Elevated Installation >25' To 30', Add	101.55	
For Elevated Installation >30' To 35', Add	116.05	
For Elevated Installation >35' To 40', Add	145.07	
For Elevated Installation >40', Add	159.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.04	

26 05 33 13-2555 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover (26 05 33 13-2543)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2556	EA	1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	61.54	20.33
			<i>For Mogul LB, Add</i>	5.49	
			<i>For Work In Restricted Working Space, Add</i>	15.25	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
			<i>For Elevated Installation &gt;40', Add</i>	27.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.25	
26 05 33	13-2557	EA	3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	72.33	23.29
			<i>For Mogul LB, Add</i>	7.66	
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.29	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
			<i>For Elevated Installation &gt;40', Add</i>	32.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33	13-2558	EA	1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	88.51	27.11
			<i>For Mogul LB, Add</i>	12.17	
			<i>For Work In Restricted Working Space, Add</i>	20.33	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.78	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.55	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.94	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.72	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	27.11	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.89	
			<i>For Elevated Installation &gt;40', Add</i>	37.27	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.33	
26 05 33	13-2559	EA	1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	107.64	30.92
			<i>For Mogul LB, Add</i>	18.89	
			<i>For Work In Restricted Working Space, Add</i>	23.19	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.73	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	19.33	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	27.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	38.65	
			<i>For Elevated Installation &gt;40', Add</i>	42.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.19	
26 05 33	13-2560	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	125.00	33.88
			<i>For Mogul LB, Add</i>	25.98	
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.36	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33	13-2561	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	169.24	40.66
			<i>For Mogul LB, Add</i>	45.61	
			<i>For Work In Restricted Working Space, Add</i>	30.50	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.17	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.58	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.83	
			<i>For Elevated Installation &gt;40', Add</i>	55.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.50	
26 05 33	13-2562	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	264.95	57.18
			<i>For Mogul LB, Add</i>	84.35	
			<i>For Work In Restricted Working Space, Add</i>	42.89	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	14.30	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	28.59	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	35.74	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	50.03	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	57.18	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	71.48	
			<i>For Elevated Installation &gt;40', Add</i>	78.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.89	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2563 EA 3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	337.51	76.24
For Mogul LB, Add	100.65	
For Work In Restricted Working Space, Add	57.18	
For Elevated Installation >10' To 15', Add	19.06	
For Elevated Installation >15' To 20', Add	38.12	
For Elevated Installation >20' To 25', Add	47.65	
For Elevated Installation >25' To 30', Add	66.71	
For Elevated Installation >30' To 35', Add	76.24	
For Elevated Installation >35' To 40', Add	95.30	
For Elevated Installation >40', Add	104.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.18	
26 05 33 13-2564 EA 3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	487.68	95.30
For Mogul LB, Add	175.16	
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.56	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.48	
26 05 33 13-2565 EA 4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover .....	646.34	116.06
For Mogul LB, Add	252.65	
For Work In Restricted Working Space, Add	87.04	
For Elevated Installation >10' To 15', Add	29.01	
For Elevated Installation >15' To 20', Add	58.03	
For Elevated Installation >20' To 25', Add	72.53	
For Elevated Installation >25' To 30', Add	101.55	
For Elevated Installation >30' To 35', Add	116.05	
For Elevated Installation >35' To 40', Add	145.07	
For Elevated Installation >40', Add	159.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.04	
<b>26 05 33 13-2566 Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2543)</small>		
26 05 33 13-2567 EA 1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	70.89	23.29
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.29	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.47	
26 05 33 13-2568 EA 3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	84.07	27.11
For Work In Restricted Working Space, Add	20.33	
For Elevated Installation >10' To 15', Add	6.78	
For Elevated Installation >15' To 20', Add	13.55	
For Elevated Installation >20' To 25', Add	16.94	
For Elevated Installation >25' To 30', Add	23.72	
For Elevated Installation >30' To 35', Add	27.11	
For Elevated Installation >35' To 40', Add	33.89	
For Elevated Installation >40', Add	37.27	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.33	
26 05 33 13-2569 EA 1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	97.19	29.65
For Work In Restricted Working Space, Add	22.24	
For Elevated Installation >10' To 15', Add	7.41	
For Elevated Installation >15' To 20', Add	14.82	
For Elevated Installation >20' To 25', Add	18.53	
For Elevated Installation >25' To 30', Add	25.94	
For Elevated Installation >30' To 35', Add	29.65	
For Elevated Installation >35' To 40', Add	37.06	
For Elevated Installation >40', Add	40.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.24	
26 05 33 13-2570 EA 1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	119.68	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	
26 05 33 13-2571 EA 1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover .....	138.62	37.27
For Work In Restricted Working Space, Add	27.95	
For Elevated Installation >10' To 15', Add	9.32	
For Elevated Installation >15' To 20', Add	18.64	
For Elevated Installation >20' To 25', Add	23.30	
For Elevated Installation >25' To 30', Add	32.61	
For Elevated Installation >30' To 35', Add	37.27	
For Elevated Installation >35' To 40', Add	46.59	
For Elevated Installation >40', Add	51.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.95	

**26 Electrical**

**26 05 Common Work Results for Electrical**

**26 05 33 Raceway and Boxes for Electrical Systems**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2572	EA	2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	186.79	43.63
			<i>For Work In Restricted Working Space, Add</i>	32.72	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.91	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	21.81	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	27.27	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	38.17	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	43.63	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	54.54	
			<i>For Elevated Installation &gt;40', Add</i>	59.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.72	
26 05 33	13-2573	EA	2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	296.16	63.53
			<i>For Work In Restricted Working Space, Add</i>	47.65	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	15.88	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	31.77	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	39.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	55.59	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	63.53	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	79.42	
			<i>For Elevated Installation &gt;40', Add</i>	87.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.65	
26 05 33	13-2574	EA	3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	382.53	82.59
			<i>For Work In Restricted Working Space, Add</i>	61.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	20.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	41.30	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	51.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	72.27	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	82.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	103.24	
			<i>For Elevated Installation &gt;40', Add</i>	113.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.94	
26 05 33	13-2575	EA	3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	619.77	101.65
			<i>For Work In Restricted Working Space, Add</i>	76.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	25.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	50.83	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	63.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	88.95	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	101.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	127.07	
			<i>For Elevated Installation &gt;40', Add</i>	139.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.24	
26 05 33	13-2576	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	708.60	122.41
			<i>For Work In Restricted Working Space, Add</i>	91.80	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	30.60	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	61.20	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	76.50	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	107.10	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	122.40	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	153.01	
			<i>For Elevated Installation &gt;40', Add</i>	168.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.80	
26 05 33	13-2577		<b>Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover</b> (26 05 33)		
26 05 33	13-2578	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	61.78	20.33
			<i>For Work In Restricted Working Space, Add</i>	15.25	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
			<i>For Elevated Installation &gt;40', Add</i>	27.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.25	
26 05 33	13-2579	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	71.53	23.29
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.29	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
			<i>For Elevated Installation &gt;40', Add</i>	32.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33	13-2580	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	86.52	26.68
			<i>For Work In Restricted Working Space, Add</i>	20.01	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.68	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.36	
			<i>For Elevated Installation &gt;40', Add</i>	36.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2581 EA 1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	106.54	30.92
For Work In Restricted Working Space, Add	23.19	
For Elevated Installation >10' To 15', Add	7.73	
For Elevated Installation >15' To 20', Add	15.46	
For Elevated Installation >20' To 25', Add	19.33	
For Elevated Installation >25' To 30', Add	27.06	
For Elevated Installation >30' To 35', Add	30.92	
For Elevated Installation >35' To 40', Add	38.65	
For Elevated Installation >40', Add	42.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.19	
26 05 33 13-2582 EA 1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	119.50	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	
26 05 33 13-2583 EA 2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	159.17	40.66
For Work In Restricted Working Space, Add	30.50	
For Elevated Installation >10' To 15', Add	10.17	
For Elevated Installation >15' To 20', Add	20.33	
For Elevated Installation >20' To 25', Add	25.41	
For Elevated Installation >25' To 30', Add	35.58	
For Elevated Installation >30' To 35', Add	40.66	
For Elevated Installation >35' To 40', Add	50.83	
For Elevated Installation >40', Add	55.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.50	
26 05 33 13-2584 EA 2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	260.63	57.18
For Work In Restricted Working Space, Add	42.89	
For Elevated Installation >10' To 15', Add	14.30	
For Elevated Installation >15' To 20', Add	28.59	
For Elevated Installation >20' To 25', Add	35.74	
For Elevated Installation >25' To 30', Add	50.03	
For Elevated Installation >30' To 35', Add	57.18	
For Elevated Installation >35' To 40', Add	71.48	
For Elevated Installation >40', Add	78.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.89	
26 05 33 13-2585 EA 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	334.75	76.24
For Work In Restricted Working Space, Add	57.18	
For Elevated Installation >10' To 15', Add	19.06	
For Elevated Installation >15' To 20', Add	38.12	
For Elevated Installation >20' To 25', Add	47.65	
For Elevated Installation >25' To 30', Add	66.71	
For Elevated Installation >30' To 35', Add	76.24	
For Elevated Installation >35' To 40', Add	95.30	
For Elevated Installation >40', Add	104.83	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	57.18	
26 05 33 13-2586 EA 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	478.85	95.30
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.56	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.48	
26 05 33 13-2587 EA 4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	619.08	116.06
For Work In Restricted Working Space, Add	87.04	
For Elevated Installation >10' To 15', Add	29.01	
For Elevated Installation >15' To 20', Add	58.03	
For Elevated Installation >20' To 25', Add	72.53	
For Elevated Installation >25' To 30', Add	101.55	
For Elevated Installation >30' To 35', Add	116.05	
For Elevated Installation >35' To 40', Add	145.07	
For Elevated Installation >40', Add	159.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.04	
<b>26 05 33 13-2588 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2543)</small>		
26 05 33 13-2589 EA 1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	82.25	26.68
For Work In Restricted Working Space, Add	20.01	
For Elevated Installation >10' To 15', Add	6.67	
For Elevated Installation >15' To 20', Add	13.34	
For Elevated Installation >20' To 25', Add	16.68	
For Elevated Installation >25' To 30', Add	23.35	
For Elevated Installation >30' To 35', Add	26.68	
For Elevated Installation >35' To 40', Add	33.36	
For Elevated Installation >40', Add	36.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.01	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2590	EA	3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	95.14	29.65
			<i>For Work In Restricted Working Space, Add</i>	22.24	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.41	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	14.82	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	18.53	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	25.94	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	29.65	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	37.06	
			<i>For Elevated Installation &gt;40', Add</i>	40.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.24	
26 05 33	13-2591	EA	1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	117.10	32.62
			<i>For Work In Restricted Working Space, Add</i>	24.46	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.15	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.31	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	20.39	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	28.54	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	32.62	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	40.77	
			<i>For Elevated Installation &gt;40', Add</i>	44.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.46	
26 05 33	13-2592	EA	1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	135.05	37.27
			<i>For Work In Restricted Working Space, Add</i>	27.95	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	9.32	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	18.64	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	23.30	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	32.61	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	37.27	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	46.59	
			<i>For Elevated Installation &gt;40', Add</i>	51.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.95	
26 05 33	13-2593	EA	1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	174.99	40.66
			<i>For Work In Restricted Working Space, Add</i>	30.50	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.17	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.58	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.83	
			<i>For Elevated Installation &gt;40', Add</i>	55.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.50	
26 05 33	13-2594	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	211.43	49.98
			<i>For Work In Restricted Working Space, Add</i>	37.49	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	12.50	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	24.99	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	31.24	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	43.73	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	49.98	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	62.48	
			<i>For Elevated Installation &gt;40', Add</i>	68.72	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.49	
26 05 33	13-2595	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	397.76	73.27
			<i>For Work In Restricted Working Space, Add</i>	54.96	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.32	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	36.64	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	45.80	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	64.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	73.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	91.60	
			<i>For Elevated Installation &gt;40', Add</i>	100.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.96	
26 05 33	13-2596	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	489.61	95.30
			<i>For Work In Restricted Working Space, Add</i>	71.48	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	23.83	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	47.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	59.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	83.39	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	95.30	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	119.13	
			<i>For Elevated Installation &gt;40', Add</i>	131.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.48	
26 05 33	13-2597	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	701.89	117.74
			<i>For Work In Restricted Working Space, Add</i>	88.95	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	29.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	59.30	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	74.12	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	103.77	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	118.60	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	148.25	
			<i>For Elevated Installation &gt;40', Add</i>	163.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2598 EA 4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	848.23	141.47
For Work In Restricted Working Space, Add	106.10	
For Elevated Installation >10' To 15', Add	35.37	
For Elevated Installation >15' To 20', Add	70.73	
For Elevated Installation >20' To 25', Add	88.42	
For Elevated Installation >25' To 30', Add	123.78	
For Elevated Installation >30' To 35', Add	141.47	
For Elevated Installation >35' To 40', Add	176.84	
For Elevated Installation >40', Add	194.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	106.10	
<b>26 05 33 13-2599 Threaded, Malleable Iron Conduit Body</b> <small>(26 05 33 13-2542)</small>		
Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)		
<b>26 05 33 13-2600 Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2599)</small>		
26 05 33 13-2601 EA 1 1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	63.63	20.33
For Work In Restricted Working Space, Add	15.25	
For Elevated Installation >10' To 15', Add	5.08	
For Elevated Installation >15' To 20', Add	10.17	
For Elevated Installation >20' To 25', Add	12.71	
For Elevated Installation >25' To 30', Add	17.79	
For Elevated Installation >30' To 35', Add	20.33	
For Elevated Installation >35' To 40', Add	25.42	
For Elevated Installation >40', Add	27.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.25	
26 05 33 13-2602 EA 3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	73.92	23.29
For Work In Restricted Working Space, Add	17.47	
For Elevated Installation >10' To 15', Add	5.82	
For Elevated Installation >15' To 20', Add	11.65	
For Elevated Installation >20' To 25', Add	14.56	
For Elevated Installation >25' To 30', Add	20.38	
For Elevated Installation >30' To 35', Add	23.29	
For Elevated Installation >35' To 40', Add	29.12	
For Elevated Installation >40', Add	32.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.47	
26 05 33 13-2603 EA 1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	91.15	27.11
For Work In Restricted Working Space, Add	20.33	
For Elevated Installation >10' To 15', Add	6.78	
For Elevated Installation >15' To 20', Add	13.55	
For Elevated Installation >20' To 25', Add	16.94	
For Elevated Installation >25' To 30', Add	23.72	
For Elevated Installation >30' To 35', Add	27.11	
For Elevated Installation >35' To 40', Add	33.89	
For Elevated Installation >40', Add	37.27	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.33	
26 05 33 13-2604 EA 1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	119.25	30.92
For Work In Restricted Working Space, Add	23.19	
For Elevated Installation >10' To 15', Add	7.73	
For Elevated Installation >15' To 20', Add	15.46	
For Elevated Installation >20' To 25', Add	19.33	
For Elevated Installation >25' To 30', Add	27.06	
For Elevated Installation >30' To 35', Add	30.92	
For Elevated Installation >35' To 40', Add	38.65	
For Elevated Installation >40', Add	42.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.19	
26 05 33 13-2605 EA 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	136.17	33.88
For Work In Restricted Working Space, Add	25.41	
For Elevated Installation >10' To 15', Add	8.47	
For Elevated Installation >15' To 20', Add	16.94	
For Elevated Installation >20' To 25', Add	21.18	
For Elevated Installation >25' To 30', Add	29.65	
For Elevated Installation >30' To 35', Add	33.88	
For Elevated Installation >35' To 40', Add	42.36	
For Elevated Installation >40', Add	46.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.41	
26 05 33 13-2606 EA 2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	187.78	40.66
For Work In Restricted Working Space, Add	30.50	
For Elevated Installation >10' To 15', Add	10.17	
For Elevated Installation >15' To 20', Add	20.33	
For Elevated Installation >20' To 25', Add	25.42	
For Elevated Installation >25' To 30', Add	35.58	
For Elevated Installation >30' To 35', Add	40.66	
For Elevated Installation >35' To 40', Add	50.83	
For Elevated Installation >40', Add	55.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.50	
26 05 33 13-2607 EA 2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	319.24	57.18
For Work In Restricted Working Space, Add	42.89	
For Elevated Installation >10' To 15', Add	14.30	
For Elevated Installation >15' To 20', Add	28.59	
For Elevated Installation >20' To 25', Add	35.74	
For Elevated Installation >25' To 30', Add	50.04	
For Elevated Installation >30' To 35', Add	57.18	
For Elevated Installation >35' To 40', Add	71.48	
For Elevated Installation >40', Add	78.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.89	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2608 EA 3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	453.58	76.24
<i>For Work In Restricted Working Space, Add</i>	57.18	
<i>For Elevated Installation &gt;10' To 15', Add</i>	19.06	
<i>For Elevated Installation &gt;15' To 20', Add</i>	38.12	
<i>For Elevated Installation &gt;20' To 25', Add</i>	47.65	
<i>For Elevated Installation &gt;25' To 30', Add</i>	66.71	
<i>For Elevated Installation &gt;30' To 35', Add</i>	76.24	
<i>For Elevated Installation &gt;35' To 40', Add</i>	95.31	
<i>For Elevated Installation &gt;40', Add</i>	104.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.18	
26 05 33 13-2609 EA 3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	627.57	95.30
<i>For Work In Restricted Working Space, Add</i>	71.48	
<i>For Elevated Installation &gt;10' To 15', Add</i>	23.83	
<i>For Elevated Installation &gt;15' To 20', Add</i>	47.65	
<i>For Elevated Installation &gt;20' To 25', Add</i>	59.56	
<i>For Elevated Installation &gt;25' To 30', Add</i>	83.39	
<i>For Elevated Installation &gt;30' To 35', Add</i>	95.30	
<i>For Elevated Installation &gt;35' To 40', Add</i>	119.13	
<i>For Elevated Installation &gt;40', Add</i>	131.04	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.48	
26 05 33 13-2610 EA 4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	750.51	116.06
<i>For Work In Restricted Working Space, Add</i>	87.04	
<i>For Elevated Installation &gt;10' To 15', Add</i>	29.01	
<i>For Elevated Installation &gt;15' To 20', Add</i>	58.03	
<i>For Elevated Installation &gt;20' To 25', Add</i>	72.54	
<i>For Elevated Installation &gt;25' To 30', Add</i>	101.55	
<i>For Elevated Installation &gt;30' To 35', Add</i>	116.06	
<i>For Elevated Installation &gt;35' To 40', Add</i>	145.07	
<i>For Elevated Installation &gt;40', Add</i>	159.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.04	
<b>26 05 33 13-2611 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2599)</small>		
26 05 33 13-2612 EA 1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	66.59	20.33
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.25	
26 05 33 13-2613 EA 3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	74.79	23.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33 13-2614 EA 1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	95.68	27.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.33	
26 05 33 13-2615 EA 1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	122.28	30.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.19	
26 05 33 13-2616 EA 1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	139.88	33.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33 13-2617 EA 2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	180.17	40.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.50	
26 05 33 13-2618 EA 2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	276.97	57.18
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.89	
26 05 33 13-2619 EA 3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	377.58	76.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.18	
26 05 33 13-2620 EA 3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	672.33	95.30
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.48	
26 05 33 13-2621 EA 4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover .....	783.53	116.06
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.04	
<b>26 05 33 13-2622 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33 13-2599)</small>		
26 05 33 13-2623 EA 1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	79.36	23.29
<i>For Work In Restricted Working Space, Add</i>	17.47	
<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
<i>For Elevated Installation &gt;30' To 35', Add</i>	23.29	
<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
<i>For Elevated Installation &gt;40', Add</i>	32.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33 13-2624 EA 3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	93.53	27.11
<i>For Work In Restricted Working Space, Add</i>	20.65	
<i>For Elevated Installation &gt;10' To 15', Add</i>	6.88	
<i>For Elevated Installation &gt;15' To 20', Add</i>	13.76	
<i>For Elevated Installation &gt;20' To 25', Add</i>	17.21	
<i>For Elevated Installation &gt;25' To 30', Add</i>	24.09	
<i>For Elevated Installation &gt;30' To 35', Add</i>	27.53	
<i>For Elevated Installation &gt;35' To 40', Add</i>	34.41	
<i>For Elevated Installation &gt;40', Add</i>	37.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2625 EA 1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	111.49	29.65
For Work In Restricted Working Space, Add	22.24	
For Elevated Installation >10' To 15', Add	7.41	
For Elevated Installation >15' To 20', Add	14.82	
For Elevated Installation >20' To 25', Add	18.53	
For Elevated Installation >25' To 30', Add	25.94	
For Elevated Installation >30' To 35', Add	29.65	
For Elevated Installation >35' To 40', Add	37.06	
For Elevated Installation >40', Add	40.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.24	
26 05 33 13-2626 EA 1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	141.56	33.88
For Work In Restricted Working Space, Add	25.10	
For Elevated Installation >10' To 15', Add	8.37	
For Elevated Installation >15' To 20', Add	16.73	
For Elevated Installation >20' To 25', Add	20.91	
For Elevated Installation >25' To 30', Add	29.28	
For Elevated Installation >30' To 35', Add	33.46	
For Elevated Installation >35' To 40', Add	41.83	
For Elevated Installation >40', Add	46.01	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.10	
26 05 33 13-2627 EA 1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	162.77	37.27
For Work In Restricted Working Space, Add	27.95	
For Elevated Installation >10' To 15', Add	9.32	
For Elevated Installation >15' To 20', Add	18.64	
For Elevated Installation >20' To 25', Add	23.30	
For Elevated Installation >25' To 30', Add	32.61	
For Elevated Installation >30' To 35', Add	37.27	
For Elevated Installation >35' To 40', Add	46.59	
For Elevated Installation >40', Add	51.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.95	
26 05 33 13-2628 EA 2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	218.09	43.63
For Work In Restricted Working Space, Add	32.72	
For Elevated Installation >10' To 15', Add	10.91	
For Elevated Installation >15' To 20', Add	21.81	
For Elevated Installation >20' To 25', Add	27.27	
For Elevated Installation >25' To 30', Add	38.17	
For Elevated Installation >30' To 35', Add	43.63	
For Elevated Installation >35' To 40', Add	54.54	
For Elevated Installation >40', Add	59.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.72	
26 05 33 13-2629 EA 2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	273.21	63.53
For Work In Restricted Working Space, Add	47.65	
For Elevated Installation >10' To 15', Add	15.88	
For Elevated Installation >15' To 20', Add	31.77	
For Elevated Installation >20' To 25', Add	39.71	
For Elevated Installation >25' To 30', Add	55.59	
For Elevated Installation >30' To 35', Add	63.53	
For Elevated Installation >35' To 40', Add	79.42	
For Elevated Installation >40', Add	87.36	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	47.65	
26 05 33 13-2630 EA 3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	396.54	82.59
For Work In Restricted Working Space, Add	61.94	
For Elevated Installation >10' To 15', Add	20.65	
For Elevated Installation >15' To 20', Add	41.30	
For Elevated Installation >20' To 25', Add	51.62	
For Elevated Installation >25' To 30', Add	72.27	
For Elevated Installation >30' To 35', Add	82.59	
For Elevated Installation >35' To 40', Add	103.24	
For Elevated Installation >40', Add	113.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.94	
26 05 33 13-2631 EA 3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover .....	708.88	101.65
For Work In Restricted Working Space, Add	76.24	
For Elevated Installation >10' To 15', Add	25.41	
For Elevated Installation >15' To 20', Add	50.83	
For Elevated Installation >20' To 25', Add	63.53	
For Elevated Installation >25' To 30', Add	88.95	
For Elevated Installation >30' To 35', Add	101.65	
For Elevated Installation >35' To 40', Add	127.07	
For Elevated Installation >40', Add	139.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	76.24	
26 05 33 13-2632 EA 4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	818.33	122.41
For Work In Restricted Working Space, Add	92.12	
For Elevated Installation >10' To 15', Add	30.71	
For Elevated Installation >15' To 20', Add	61.42	
For Elevated Installation >20' To 25', Add	76.77	
For Elevated Installation >25' To 30', Add	107.48	
For Elevated Installation >30' To 35', Add	122.83	
For Elevated Installation >35' To 40', Add	153.54	
For Elevated Installation >40', Add	168.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	92.12	

26 05 33 13-2633 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover (26 05 33 13-2599)

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2634	EA	1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	63.85	20.33
			<i>For Work In Restricted Working Space, Add</i>	15.25	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.08	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	10.17	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	12.71	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	17.79	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	20.33	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	25.42	
			<i>For Elevated Installation &gt;40', Add</i>	27.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.25	
26 05 33	13-2635	EA	3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	77.76	23.29
			<i>For Work In Restricted Working Space, Add</i>	17.47	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	5.82	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	11.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	14.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	20.38	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	23.30	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	29.12	
			<i>For Elevated Installation &gt;40', Add</i>	32.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.47	
26 05 33	13-2636	EA	1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	91.16	26.68
			<i>For Work In Restricted Working Space, Add</i>	20.01	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	6.67	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	13.34	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	16.68	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	23.35	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	26.68	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	33.36	
			<i>For Elevated Installation &gt;40', Add</i>	36.69	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.01	
26 05 33	13-2637	EA	1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	124.83	30.92
			<i>For Work In Restricted Working Space, Add</i>	23.19	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	7.73	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	15.46	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	19.33	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	27.06	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	30.92	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	38.65	
			<i>For Elevated Installation &gt;40', Add</i>	42.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.19	
26 05 33	13-2638	EA	1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	146.62	33.88
			<i>For Work In Restricted Working Space, Add</i>	25.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	8.47	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	16.94	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	21.18	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	29.65	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	33.88	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	42.35	
			<i>For Elevated Installation &gt;40', Add</i>	46.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.41	
26 05 33	13-2639	EA	2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	190.76	40.66
			<i>For Work In Restricted Working Space, Add</i>	30.50	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	10.17	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	20.33	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	25.41	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	35.58	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	40.66	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	50.83	
			<i>For Elevated Installation &gt;40', Add</i>	55.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.50	
26 05 33	13-2640	EA	2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	421.20	107.26
			<i>For Work In Restricted Working Space, Add</i>	80.41	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	26.80	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	53.61	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	67.01	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	93.81	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	107.22	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	134.02	
			<i>For Elevated Installation &gt;40', Add</i>	147.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80.41	
26 05 33	13-2641	EA	3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover	409.50	76.24
			<i>For Work In Restricted Working Space, Add</i>	57.18	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	19.06	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	38.12	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	47.65	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	66.71	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	76.24	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	95.31	
			<i>For Elevated Installation &gt;40', Add</i>	104.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2642 EA 3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	672.33	95.30
For Work In Restricted Working Space, Add	71.48	
For Elevated Installation >10' To 15', Add	23.83	
For Elevated Installation >15' To 20', Add	47.65	
For Elevated Installation >20' To 25', Add	59.56	
For Elevated Installation >25' To 30', Add	83.39	
For Elevated Installation >30' To 35', Add	95.30	
For Elevated Installation >35' To 40', Add	119.13	
For Elevated Installation >40', Add	131.04	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.48	
26 05 33 13-2643 EA 4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	783.51	116.06
For Work In Restricted Working Space, Add	87.04	
For Elevated Installation >10' To 15', Add	29.01	
For Elevated Installation >15' To 20', Add	58.02	
For Elevated Installation >20' To 25', Add	72.53	
For Elevated Installation >25' To 30', Add	101.54	
For Elevated Installation >30' To 35', Add	116.05	
For Elevated Installation >35' To 40', Add	145.06	
For Elevated Installation >40', Add	159.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.04	
<b>26 05 33 13-2644 Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover</b> <small>(26 05 33)</small>		
<small>13-2599</small>		
26 05 33 13-2645 EA 1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	90.14	26.68
For Work In Restricted Working Space, Add	20.01	
For Elevated Installation >10' To 15', Add	6.67	
For Elevated Installation >15' To 20', Add	13.34	
For Elevated Installation >20' To 25', Add	16.68	
For Elevated Installation >25' To 30', Add	23.35	
For Elevated Installation >30' To 35', Add	26.68	
For Elevated Installation >35' To 40', Add	33.36	
For Elevated Installation >40', Add	36.69	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.01	
26 05 33 13-2646 EA 3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	98.42	29.65
For Work In Restricted Working Space, Add	22.24	
For Elevated Installation >10' To 15', Add	7.41	
For Elevated Installation >15' To 20', Add	14.82	
For Elevated Installation >20' To 25', Add	18.53	
For Elevated Installation >25' To 30', Add	25.94	
For Elevated Installation >30' To 35', Add	29.65	
For Elevated Installation >35' To 40', Add	37.06	
For Elevated Installation >40', Add	40.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.24	
26 05 33 13-2647 EA 1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	114.89	32.62
For Work In Restricted Working Space, Add	24.46	
For Elevated Installation >10' To 15', Add	8.15	
For Elevated Installation >15' To 20', Add	16.31	
For Elevated Installation >20' To 25', Add	20.39	
For Elevated Installation >25' To 30', Add	28.54	
For Elevated Installation >30' To 35', Add	32.62	
For Elevated Installation >35' To 40', Add	40.77	
For Elevated Installation >40', Add	44.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.46	
26 05 33 13-2648 EA 1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	137.21	37.27
For Work In Restricted Working Space, Add	27.95	
For Elevated Installation >10' To 15', Add	9.32	
For Elevated Installation >15' To 20', Add	18.64	
For Elevated Installation >20' To 25', Add	23.30	
For Elevated Installation >25' To 30', Add	32.61	
For Elevated Installation >30' To 35', Add	37.27	
For Elevated Installation >35' To 40', Add	46.59	
For Elevated Installation >40', Add	51.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.95	
26 05 33 13-2649 EA 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	159.10	40.66
For Work In Restricted Working Space, Add	30.50	
For Elevated Installation >10' To 15', Add	10.17	
For Elevated Installation >15' To 20', Add	20.33	
For Elevated Installation >20' To 25', Add	25.41	
For Elevated Installation >25' To 30', Add	35.58	
For Elevated Installation >30' To 35', Add	40.66	
For Elevated Installation >35' To 40', Add	50.83	
For Elevated Installation >40', Add	55.91	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.50	
26 05 33 13-2650 EA 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover .....	224.96	49.98
For Work In Restricted Working Space, Add	37.49	
For Elevated Installation >10' To 15', Add	12.50	
For Elevated Installation >15' To 20', Add	24.99	
For Elevated Installation >20' To 25', Add	31.24	
For Elevated Installation >25' To 30', Add	43.73	
For Elevated Installation >30' To 35', Add	49.98	
For Elevated Installation >35' To 40', Add	62.48	
For Elevated Installation >40', Add	68.72	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.49	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2651	EA	2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	361.76	73.27
			<i>For Work In Restricted Working Space, Add</i>	54.96	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	18.32	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	36.64	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	45.80	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	64.12	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	73.28	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	91.60	
			<i>For Elevated Installation &gt;40', Add</i>	100.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	54.96	
26 05 33	13-2652	EA	3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	534.98	95.30
			<i>For Work In Restricted Working Space, Add</i>	71.48	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	23.83	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	47.65	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	59.56	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	83.39	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	95.30	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	119.13	
			<i>For Elevated Installation &gt;40', Add</i>	131.04	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.48	
26 05 33	13-2653	EA	3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	807.50	117.74
			<i>For Work In Restricted Working Space, Add</i>	88.31	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	29.44	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	58.87	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	73.59	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	103.03	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	117.75	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	147.19	
			<i>For Elevated Installation &gt;40', Add</i>	161.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.31	
26 05 33	13-2654	EA	4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	898.49	141.47
			<i>For Work In Restricted Working Space, Add</i>	106.10	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	35.37	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	70.73	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	88.42	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	123.78	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	141.47	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	176.84	
			<i>For Elevated Installation &gt;40', Add</i>	194.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.10	
26 05 33	13-2655		<b>Set Screw, Cast Aluminum Conduit Body</b> <small>(26 05 33 13-2542)</small>		
			Note: For use with Electrical Metallic Tubing (EMT)		
26 05 33	13-2656		<b>Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover</b> <small>(26 05 33 13-2655)</small>		
26 05 33	13-2657	EA	1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	31.23	8.05
			<i>For Work In Restricted Working Space, Add</i>	6.04	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.01	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	4.02	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	5.03	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	7.04	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	8.05	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	10.06	
			<i>For Elevated Installation &gt;40', Add</i>	11.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.04	
26 05 33	13-2658	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.82	10.59
			<i>For Work In Restricted Working Space, Add</i>	7.94	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	2.65	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	5.29	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	6.62	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	9.26	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	10.59	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	13.24	
			<i>For Elevated Installation &gt;40', Add</i>	14.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.94	
26 05 33	13-2659	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	54.39	13.13
			<i>For Work In Restricted Working Space, Add</i>	9.85	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	3.28	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	6.57	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	8.21	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	11.49	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	13.13	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	16.42	
			<i>For Elevated Installation &gt;40', Add</i>	18.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.85	
26 05 33	13-2660	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	70.90	16.09
			<i>For Work In Restricted Working Space, Add</i>	12.07	
			<i>For Elevated Installation &gt;10' To 15', Add</i>	4.02	
			<i>For Elevated Installation &gt;15' To 20', Add</i>	8.05	
			<i>For Elevated Installation &gt;20' To 25', Add</i>	10.06	
			<i>For Elevated Installation &gt;25' To 30', Add</i>	14.08	
			<i>For Elevated Installation &gt;30' To 35', Add</i>	16.10	
			<i>For Elevated Installation &gt;35' To 40', Add</i>	20.12	
			<i>For Elevated Installation &gt;40', Add</i>	22.13	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.07	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2661 EA 1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	94.29	18.64
For Work In Restricted Working Space, Add	13.98	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.32	
For Elevated Installation >20' To 25', Add	11.65	
For Elevated Installation >25' To 30', Add	16.31	
For Elevated Installation >30' To 35', Add	18.64	
For Elevated Installation >35' To 40', Add	23.30	
For Elevated Installation >40', Add	25.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.98	
26 05 33 13-2662 EA 2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	126.35	21.18
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
<b>26 05 33 13-2663 Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2655)</small></b>		
26 05 33 13-2664 EA 1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	31.54	8.05
For Work In Restricted Working Space, Add	6.04	
For Elevated Installation >10' To 15', Add	2.01	
For Elevated Installation >15' To 20', Add	4.02	
For Elevated Installation >20' To 25', Add	5.03	
For Elevated Installation >25' To 30', Add	7.04	
For Elevated Installation >30' To 35', Add	8.05	
For Elevated Installation >35' To 40', Add	10.06	
For Elevated Installation >40', Add	11.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.04	
26 05 33 13-2665 EA 3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	41.00	10.59
For Work In Restricted Working Space, Add	7.94	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.29	
For Elevated Installation >20' To 25', Add	6.62	
For Elevated Installation >25' To 30', Add	9.26	
For Elevated Installation >30' To 35', Add	10.59	
For Elevated Installation >35' To 40', Add	13.24	
For Elevated Installation >40', Add	14.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-2666 EA 1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	50.31	13.13
For Work In Restricted Working Space, Add	9.85	
For Elevated Installation >10' To 15', Add	3.28	
For Elevated Installation >15' To 20', Add	6.57	
For Elevated Installation >20' To 25', Add	8.21	
For Elevated Installation >25' To 30', Add	11.49	
For Elevated Installation >30' To 35', Add	13.13	
For Elevated Installation >35' To 40', Add	16.42	
For Elevated Installation >40', Add	18.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.85	
26 05 33 13-2667 EA 1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	70.56	16.09
For Work In Restricted Working Space, Add	12.07	
For Elevated Installation >10' To 15', Add	4.02	
For Elevated Installation >15' To 20', Add	8.05	
For Elevated Installation >20' To 25', Add	10.06	
For Elevated Installation >25' To 30', Add	14.08	
For Elevated Installation >30' To 35', Add	16.10	
For Elevated Installation >35' To 40', Add	20.12	
For Elevated Installation >40', Add	22.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.07	
26 05 33 13-2668 EA 1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	87.51	18.64
For Work In Restricted Working Space, Add	13.98	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.32	
For Elevated Installation >20' To 25', Add	11.65	
For Elevated Installation >25' To 30', Add	16.31	
For Elevated Installation >30' To 35', Add	18.64	
For Elevated Installation >35' To 40', Add	23.30	
For Elevated Installation >40', Add	25.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.98	
26 05 33 13-2669 EA 2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	125.76	21.18
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2670	<b>Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover</b> <sup>(26)</sup>		
	<small>05 33 13-2655)</small>		
26 05 33 13-2671	EA 1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	40.46	10.59
	For Work In Restricted Working Space, Add	7.94	
	For Elevated Installation >10' To 15', Add	2.65	
	For Elevated Installation >15' To 20', Add	5.29	
	For Elevated Installation >20' To 25', Add	6.62	
	For Elevated Installation >25' To 30', Add	9.26	
	For Elevated Installation >30' To 35', Add	10.59	
	For Elevated Installation >35' To 40', Add	13.24	
	For Elevated Installation >40', Add	14.56	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	
26 05 33 13-2672	EA 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	52.99	13.13
	For Work In Restricted Working Space, Add	9.85	
	For Elevated Installation >10' To 15', Add	3.28	
	For Elevated Installation >15' To 20', Add	6.57	
	For Elevated Installation >20' To 25', Add	8.21	
	For Elevated Installation >25' To 30', Add	11.49	
	For Elevated Installation >30' To 35', Add	13.13	
	For Elevated Installation >35' To 40', Add	16.42	
	For Elevated Installation >40', Add	18.06	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.85	
26 05 33 13-2673	EA 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	63.80	16.09
	For Work In Restricted Working Space, Add	12.07	
	For Elevated Installation >10' To 15', Add	4.02	
	For Elevated Installation >15' To 20', Add	8.05	
	For Elevated Installation >20' To 25', Add	10.06	
	For Elevated Installation >25' To 30', Add	14.08	
	For Elevated Installation >30' To 35', Add	16.10	
	For Elevated Installation >35' To 40', Add	20.12	
	For Elevated Installation >40', Add	22.13	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.07	
26 05 33 13-2674	EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	89.39	18.64
	For Work In Restricted Working Space, Add	14.61	
	For Elevated Installation >10' To 15', Add	4.87	
	For Elevated Installation >15' To 20', Add	9.74	
	For Elevated Installation >20' To 25', Add	12.18	
	For Elevated Installation >25' To 30', Add	17.05	
	For Elevated Installation >30' To 35', Add	19.48	
	For Elevated Installation >35' To 40', Add	24.36	
	For Elevated Installation >40', Add	26.79	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.61	
26 05 33 13-2675	EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	115.49	21.18
	For Work In Restricted Working Space, Add	17.15	
	For Elevated Installation >10' To 15', Add	5.72	
	For Elevated Installation >15' To 20', Add	11.44	
	For Elevated Installation >20' To 25', Add	14.30	
	For Elevated Installation >25' To 30', Add	20.01	
	For Elevated Installation >30' To 35', Add	22.87	
	For Elevated Installation >35' To 40', Add	28.59	
	For Elevated Installation >40', Add	31.45	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.15	
26 05 33 13-2676	EA 2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover.....	157.28	23.72
	For Work In Restricted Working Space, Add	19.70	
	For Elevated Installation >10' To 15', Add	6.57	
	For Elevated Installation >15' To 20', Add	13.13	
	For Elevated Installation >20' To 25', Add	16.41	
	For Elevated Installation >25' To 30', Add	22.98	
	For Elevated Installation >30' To 35', Add	26.26	
	For Elevated Installation >35' To 40', Add	32.83	
	For Elevated Installation >40', Add	36.11	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.70	
26 05 33 13-2677	<b>Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover</b> <sup>(26 05)</sup>		
	<small>33 13-2655)</small>		
26 05 33 13-2678	EA 1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	32.53	8.05
	For Work In Restricted Working Space, Add	6.04	
	For Elevated Installation >10' To 15', Add	2.01	
	For Elevated Installation >15' To 20', Add	4.02	
	For Elevated Installation >20' To 25', Add	5.03	
	For Elevated Installation >25' To 30', Add	7.04	
	For Elevated Installation >30' To 35', Add	8.05	
	For Elevated Installation >35' To 40', Add	10.06	
	For Elevated Installation >40', Add	11.07	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.04	
26 05 33 13-2679	EA 3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover.....	43.60	10.59
	For Work In Restricted Working Space, Add	7.94	
	For Elevated Installation >10' To 15', Add	2.65	
	For Elevated Installation >15' To 20', Add	5.29	
	For Elevated Installation >20' To 25', Add	6.62	
	For Elevated Installation >25' To 30', Add	9.26	
	For Elevated Installation >30' To 35', Add	10.59	
	For Elevated Installation >35' To 40', Add	13.24	
	For Elevated Installation >40', Add	14.56	
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2680 EA 1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	55.87	13.13
For Work In Restricted Working Space, Add	9.85	
For Elevated Installation >10' To 15', Add	3.28	
For Elevated Installation >15' To 20', Add	6.57	
For Elevated Installation >20' To 25', Add	8.21	
For Elevated Installation >25' To 30', Add	11.49	
For Elevated Installation >30' To 35', Add	13.13	
For Elevated Installation >35' To 40', Add	16.42	
For Elevated Installation >40', Add	18.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.85	
26 05 33 13-2681 EA 1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	72.67	16.09
For Work In Restricted Working Space, Add	12.07	
For Elevated Installation >10' To 15', Add	4.02	
For Elevated Installation >15' To 20', Add	8.05	
For Elevated Installation >20' To 25', Add	10.06	
For Elevated Installation >25' To 30', Add	14.08	
For Elevated Installation >30' To 35', Add	16.10	
For Elevated Installation >35' To 40', Add	20.12	
For Elevated Installation >40', Add	22.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.07	
26 05 33 13-2682 EA 1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	88.72	18.64
For Work In Restricted Working Space, Add	13.98	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.32	
For Elevated Installation >20' To 25', Add	11.65	
For Elevated Installation >25' To 30', Add	16.31	
For Elevated Installation >30' To 35', Add	18.64	
For Elevated Installation >35' To 40', Add	23.30	
For Elevated Installation >40', Add	25.62	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.98	
26 05 33 13-2683 EA 2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover .....	137.08	21.18
For Work In Restricted Working Space, Add	15.88	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.59	
For Elevated Installation >20' To 25', Add	13.24	
For Elevated Installation >25' To 30', Add	18.53	
For Elevated Installation >30' To 35', Add	21.18	
For Elevated Installation >35' To 40', Add	26.47	
For Elevated Installation >40', Add	29.12	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.88	
<b>26 05 33 13-2684 Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-2542)</small></b>		
26 05 33 13-2685 EA 3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120) .....	161.29	23.19
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.41	
26 05 33 13-2686 EA 1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250) .....	615.03	42.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.18	
26 05 33 13-2687 EA 3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400) .....	1,181.80	87.04
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.28	
<b>26 05 33 13-2688 Replacement Covers And Gaskets For Conduit Body <small>(26 05 33 13-2542)</small></b>		
<b>26 05 33 13-2689 Replacement Stamped Aluminum Conduit Body Cover <small>(26 05 33 13-2688)</small></b>		
26 05 33 13-2690 EA 1/2" Replacement Stamped Aluminum Conduit Body Cover .....	11.39	4.13
26 05 33 13-2691 EA 3/4" Replacement Stamped Aluminum Conduit Body Cover .....	14.01	4.82
26 05 33 13-2692 EA 1" Replacement Stamped Aluminum Conduit Body Cover .....	17.94	6.20
26 05 33 13-2693 EA 1-1/4" Replacement Stamped Aluminum Conduit Body Cover .....	21.82	7.57
26 05 33 13-2694 EA 1-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	26.95	8.94
26 05 33 13-2695 EA 2" Replacement Stamped Aluminum Conduit Body Cover .....	32.04	10.33
26 05 33 13-2696 EA 2-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	43.12	11.70
26 05 33 13-2697 EA 3" Replacement Stamped Aluminum Conduit Body Cover .....	55.09	16.51
26 05 33 13-2698 EA 3-1/2" Replacement Stamped Aluminum Conduit Body Cover .....	59.77	18.58
26 05 33 13-2699 EA 4" Replacement Stamped Aluminum Conduit Body Cover .....	75.32	23.40
<b>26 05 33 13-2700 Replacement Cast Steel Conduit Body Cover <small>(26 05 33 13-2688)</small></b>		
26 05 33 13-2701 EA 1/2" Replacement Cast Steel Conduit Body Cover .....	13.52	4.13
26 05 33 13-2702 EA 3/4" Replacement Cast Steel Conduit Body Cover .....	15.87	4.82
26 05 33 13-2703 EA 1" Replacement Cast Steel Conduit Body Cover .....	22.52	6.20
26 05 33 13-2704 EA 1-1/4" Replacement Cast Steel Conduit Body Cover .....	28.02	7.57
26 05 33 13-2705 EA 1-1/2" Replacement Cast Steel Conduit Body Cover .....	34.17	8.94
26 05 33 13-2706 EA 2" Replacement Cast Steel Conduit Body Cover .....	40.30	10.33
26 05 33 13-2707 EA 2-1/2" Replacement Cast Steel Conduit Body Cover .....	46.40	11.70
26 05 33 13-2708 EA 3" Replacement Cast Steel Conduit Body Cover .....	62.84	16.51
26 05 33 13-2709 EA 3-1/2" Replacement Cast Steel Conduit Body Cover .....	71.97	18.58
26 05 33 13-2710 EA 4" Replacement Cast Steel Conduit Body Cover .....	90.76	23.40
<b>26 05 33 13-2711 Replacement Velbuna Composition Conduit Body Gasket <small>(26 05 33 13-2688)</small></b>		
26 05 33 13-2712 EA 1/2" Replacement Velbuna Composition Conduit Body Gasket .....	10.43	4.13
26 05 33 13-2713 EA 3/4" Replacement Velbuna Composition Conduit Body Gasket .....	11.88	4.82

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 05 33 13-2714	EA		1" Replacement Velbuna Composition Conduit Body Gasket.....	15.56	6.20
26 05 33 13-2715	EA		1-1/4" Replacement Velbuna Composition Conduit Body Gasket.....	20.38	7.57
26 05 33 13-2716	EA		1-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	23.14	8.94
26 05 33 13-2717	EA		2" Replacement Velbuna Composition Conduit Body Gasket.....	27.64	10.33
26 05 33 13-2718	EA		2-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	37.10	11.70
26 05 33 13-2719	EA		3" Replacement Velbuna Composition Conduit Body Gasket.....	47.58	16.51
26 05 33 13-2720	EA		3-1/2" Replacement Velbuna Composition Conduit Body Gasket.....	52.65	18.58
26 05 33 13-2721	EA		4" Replacement Velbuna Composition Conduit Body Gasket.....	62.18	23.40

**26 05 33 13-2722 Replacement Neoprene Conduit Body Gasket (26 05 33 13-2688)**

26 05 33 13-2723	EA		1/2" Replacement Neoprene Conduit Body Gasket.....	11.91	4.13
26 05 33 13-2724	EA		3/4" Replacement Neoprene Conduit Body Gasket.....	13.29	4.82
26 05 33 13-2725	EA		1" Replacement Neoprene Conduit Body Gasket.....	17.41	6.20
26 05 33 13-2726	EA		1-1/4" Replacement Neoprene Conduit Body Gasket.....	21.33	7.57
26 05 33 13-2727	EA		1-1/2" Replacement Neoprene Conduit Body Gasket.....	24.09	8.94
26 05 33 13-2728	EA		2" Replacement Neoprene Conduit Body Gasket.....	27.74	10.33
26 05 33 13-2729	EA		2-1/2" Replacement Neoprene Conduit Body Gasket.....	37.33	11.70
26 05 33 13-2730	EA		3" Replacement Neoprene Conduit Body Gasket.....	47.81	16.51
26 05 33 13-2731	EA		3-1/2" Replacement Neoprene Conduit Body Gasket.....	54.23	18.58
26 05 33 13-2732	EA		4" Replacement Neoprene Conduit Body Gasket.....	63.76	23.40

**26 05 33 13-2733 Cutting Knockouts In-Place Metal Boxes Or Enclosures (26 05 33 13-0058)**

Note: For use when connecting conduit to an existing in-place system.

26 05 33 13-2734	EA		1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	17.53	
			<i>For Work In Restricted Working Space, Add</i>	5.26	
26 05 33 13-2735	EA		3/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	19.74	
			<i>For Work In Restricted Working Space, Add</i>	5.92	
26 05 33 13-2736	EA		1", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	23.22	
			<i>For Work In Restricted Working Space, Add</i>	6.97	
26 05 33 13-2737	EA		1-1/4", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	25.77	
			<i>For Work In Restricted Working Space, Add</i>	7.73	
26 05 33 13-2738	EA		1-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	29.03	
			<i>For Work In Restricted Working Space, Add</i>	8.71	
26 05 33 13-2739	EA		2", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	34.37	
			<i>For Work In Restricted Working Space, Add</i>	10.31	
26 05 33 13-2740	EA		2-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	40.63	
			<i>For Work In Restricted Working Space, Add</i>	12.19	
26 05 33 13-2741	EA		3", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	46.44	
			<i>For Work In Restricted Working Space, Add</i>	13.93	
26 05 33 13-2742	EA		3-1/2", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	52.25	
			<i>For Work In Restricted Working Space, Add</i>	15.68	
26 05 33 13-2743	EA		4", Cutting Knockouts In-Place Metal Boxes Or Enclosures.....	58.05	
			<i>For Work In Restricted Working Space, Add</i>	17.42	

**26 05 33 16 Boxes for Electrical Systems (26 05 33)**

See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.

**26 05 33 16-0001 Steel Junction, Device, And Fixture Boxes, Rings And Covers (26 05 33 16)**

Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0126 for steel box/switch assemblies.

**26 05 33 16-0002 4" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)**

26 05 33 16-0003	EA		1-1/2" Depth, 4" Square Steel Box.....	37.84	17.39
			<i>For Stud Bracket, Add</i>	0.75	
26 05 33 16-0004	EA		2-1/8" Depth, 4" Square Steel Box.....	39.23	17.39
			<i>For Stud Bracket, Add</i>	1.35	
26 05 33 16-0005	EA		3-1/2" Depth, 4" Square Steel Box.....	44.01	17.39
			<i>For Stud Bracket, Add</i>	1.47	
26 05 33 16-0006	EA		1-1/2" Depth, 4" Square Steel Extension Ring.....	30.00	11.59
26 05 33 16-0007	EA		2-1/8" Depth, 4" Square Steel Extension Ring.....	25.16	11.59
26 05 33 16-0008	EA		1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	13.05	5.79
26 05 33 16-0009	EA		5/8" Depth, 1 Gang, 4" Square Steel Mud Ring.....	13.27	5.79
26 05 33 16-0010	EA		3/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	13.43	5.79
26 05 33 16-0011	EA		1" Depth, 1 Gang, 4" Square Steel Mud Ring.....	13.95	5.79
26 05 33 16-0012	EA		1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring.....	14.10	5.79
26 05 33 16-0013	EA		1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring.....	15.76	5.79
26 05 33 16-0014	EA		1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	13.68	5.79
26 05 33 16-0015	EA		5/8" Depth, 2 Gang, 4" Square Steel Mud Ring.....	13.84	5.79
26 05 33 16-0016	EA		3/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	14.04	5.79
26 05 33 16-0017	EA		1" Depth, 2 Gang, 4" Square Steel Mud Ring.....	15.73	5.79
26 05 33 16-0018	EA		1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring.....	16.08	5.79
26 05 33 16-0019	EA		1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring.....	18.23	5.79
26 05 33 16-0020	EA		3/4" Depth, Fixture Cover, 4" Square Mud Rings.....	14.50	5.79
26 05 33 16-0021	EA		1" Depth, Fixture Cover, 4" Square Mud Rings.....	15.87	5.79
26 05 33 16-0022	EA		One Toggle Switch, 4" Square Steel Exposed Work Cover.....	13.65	5.79
26 05 33 16-0023	EA		Two Toggle Switches, 4" Square Steel Exposed Work Cover.....	13.78	5.79
26 05 33 16-0024	EA		One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	13.62	5.79
26 05 33 16-0025	EA		Two Duplex Receptacles, 4" Square Steel Exposed Work Cover.....	13.99	5.79
26 05 33 16-0026	EA		One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	14.29	5.79
26 05 33 16-0027	EA		One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	18.09	5.79



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0028 EA One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	14.24	5.79
26 05 33 16-0029 EA Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover.....	18.09	5.79
26 05 33 16-0030 EA One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	14.24	5.79
26 05 33 16-0031 EA One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	15.13	5.79
26 05 33 16-0032 EA One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	18.09	5.79
26 05 33 16-0033 EA One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	18.09	5.79
26 05 33 16-0034 EA Flat, 4" Square Steel Exposed Work Cover.....	12.57	5.79
<b>26 05 33 16-0035 4-11/16" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)</b>		
26 05 33 16-0036 EA 1-1/2" Depth, 4-11/16" Square Steel Box .....	42.99	17.39
26 05 33 16-0037 EA 2-1/8" Depth, 4-11/16" Square Steel Box .....	39.84	17.39
<i>For Stud Bracket, Add</i>	<i>0.71</i>	
26 05 33 16-0038 EA 3-1/4" Depth, 4-11/16" Square Steel Box .....	55.66	17.39
26 05 33 16-0039 EA 1-1/2" Depth, 4-11/16" Square Extension Ring.....	31.31	11.59
26 05 33 16-0040 EA 2-1/8" Depth, 4-11/16" Square Extension Ring.....	32.09	11.59
26 05 33 16-0041 EA 1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	16.20	5.79
26 05 33 16-0042 EA 5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	16.24	5.79
26 05 33 16-0043 EA 3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	17.58	5.79
26 05 33 16-0044 EA 1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	17.04	5.79
26 05 33 16-0045 EA 1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	16.92	5.79
26 05 33 16-0046 EA 1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	22.51	5.79
26 05 33 16-0047 EA 1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	17.27	5.79
26 05 33 16-0048 EA 5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	17.56	5.79
26 05 33 16-0049 EA 3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	17.58	5.79
26 05 33 16-0050 EA 1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	19.56	5.79
26 05 33 16-0051 EA 1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	19.97	5.79
26 05 33 16-0052 EA 1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	24.76	5.79
26 05 33 16-0053 EA 1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	17.01	5.79
26 05 33 16-0054 EA 5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	17.15	5.79
26 05 33 16-0055 EA One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover.....	20.86	5.79
26 05 33 16-0056 EA Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover.....	21.90	5.79
26 05 33 16-0057 EA One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	20.55	5.79
26 05 33 16-0058 EA Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover.....	19.42	5.79
26 05 33 16-0059 EA One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	23.21	5.79
26 05 33 16-0060 EA One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	21.89	5.79
26 05 33 16-0061 EA One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	21.89	5.79
26 05 33 16-0062 EA One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	21.89	5.79
26 05 33 16-0063 EA Flat, 4-11/16" Square Steel Exposed Work Cover.....	13.42	5.79
<b>26 05 33 16-0064 Steel Square Box Brackets (26 05 33 16-0001)</b>		
26 05 33 16-0065 EA 16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes.....	18.83	8.70
26 05 33 16-0066 EA Single Box Bracket, One 4" Or 4-11/16" Square Box .....	13.79	5.80
26 05 33 16-0067 EA 16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes .....	22.19	8.70
26 05 33 16-0068 EA 24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes .....	23.91	8.70
<b>26 05 33 16-0069 4" Octagon Steel Boxes And Covers (26 05 33 16-0001)</b>		
26 05 33 16-0070 EA 1-1/2" Depth, 4" Steel Octagon Box.....	31.49	14.48
<i>For Stud Bracket, Add</i>	<i>1.83</i>	
26 05 33 16-0071 EA 2-1/8" Depth, 4" Steel Octagon Box.....	32.71	14.48
26 05 33 16-0072 EA Flat, 4" Octagon Steel Exposed Work Cover.....	12.49	5.79
<b>26 05 33 16-0073 4" Steel Octagonal Concrete Rings And Steel Covers (26 05 33 16-0001)</b>		
<i>Note: Placed in concrete slabs or walls.</i>		
26 05 33 16-0074 EA 2" Depth, 4" Steel Octagonal Concrete Ring .....	51.87	
26 05 33 16-0075 EA 2-1/2" Depth, 4" Steel Octagonal Concrete Ring .....	55.10	
26 05 33 16-0076 EA 3" Depth, 4" Steel Octagonal Concrete Ring .....	57.65	
26 05 33 16-0077 EA 3-1/2" Depth, 4" Steel Octagonal Concrete Ring .....	60.12	
26 05 33 16-0078 EA 4" Depth, 4" Steel Octagonal Concrete Ring .....	65.80	
26 05 33 16-0079 EA 5" Depth, 4" Steel Octagonal Concrete Ring .....	71.68	
26 05 33 16-0080 EA 6" Depth, 4" Steel Octagonal Concrete Ring .....	76.23	
26 05 33 16-0081 EA Flat, 4" Steel Octagonal Concrete Cover.....	14.17	5.79
<b>26 05 33 16-0082 4-1/2" Steel Gang Boxes (26 05 33 16-0001)</b>		
26 05 33 16-0083 EA 2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box .....	48.75	14.48
26 05 33 16-0084 EA 3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box .....	53.57	15.65
26 05 33 16-0085 EA 4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box .....	64.59	17.39
26 05 33 16-0086 EA 5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box .....	84.75	19.12
26 05 33 16-0087 EA 6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box .....	126.63	20.86
26 05 33 16-0088 EA 2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box .....	67.56	14.48
26 05 33 16-0089 EA 3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box .....	73.62	15.65
26 05 33 16-0090 EA 4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box .....	98.45	17.39
26 05 33 16-0091 EA 5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box .....	126.85	19.12
26 05 33 16-0092 EA 6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box .....	209.87	20.86
26 05 33 16-0093 EA 2 Device, Gang Box Mud Ring.....	21.38	5.79
26 05 33 16-0094 EA 3 Device, Gang Box Mud Ring.....	21.69	5.79



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0095	EA	4 Device, Gang Box Mud Ring.....	25.32	5.79
26 05 33	16-0096	EA	5 Device, Gang Box Mud Ring.....	31.55	5.79
26 05 33	16-0097	EA	6 Device, Gang Box Mud Ring.....	45.23	5.79
26 05 33	16-0098	EA	2 Device, Gang Box Flat Cover.....	18.26	5.79
26 05 33	16-0099	EA	3 Device, Gang Box Flat Cover.....	21.66	5.79
26 05 33	16-0100	EA	4 Device, Gang Box Flat Cover.....	26.16	5.79
26 05 33	16-0101	EA	5 Device, Gang Box Flat Cover.....	31.90	5.79
26 05 33	16-0102	EA	6 Device, Gang Box Flat Cover.....	46.19	5.79
<b>26 05 33</b>	<b>16-0103</b>		<b>Steel Switch Boxes (26 05 33 16-0001)</b>		
26 05 33	16-0104	EA	2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	33.84	14.48
26 05 33	16-0105	EA	2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	34.36	14.48
26 05 33	16-0106	EA	3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box.....	37.08	14.48
26 05 33	16-0107	EA	2-1/2" Depth, 2 Device, Stud Bracket, Steel Box.....	43.18	14.48
26 05 33	16-0108	EA	2-1/2" Depth, 3 Device, Stud Bracket, Steel Box.....	43.71	14.48
26 05 33	16-0109	EA	2-1/2" Depth, 4 Device, Stud Bracket, Steel Box.....	51.98	14.48
<b>26 05 33</b>	<b>16-0110</b>		<b>4" x 2" Steel Handy Boxes, Extension Rings And Covers (26 05 33 16-0001)</b>		
26 05 33	16-0111	EA	1-1/2" Deep, 4" x 2" Steel Handy Box.....	31.36	14.48
			For Stud Bracket, Add.....	2.94	
26 05 33	16-0112	EA	1-7/8" Deep, 4" x 2" Steel Handy Box.....	31.92	14.48
			For Stud Bracket, Add.....	1.27	
26 05 33	16-0113	EA	2-1/8" Deep, 4" x 2" Steel Handy Box.....	33.17	14.48
			For Stud Bracket, Add.....	1.72	
26 05 33	16-0114	EA	1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring.....	20.80	8.69
26 05 33	16-0115	EA	1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring.....	20.24	8.69
26 05 33	16-0116	EA	GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover.....	7.02	2.90
26 05 33	16-0117	EA	1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	7.13	2.90
26 05 33	16-0118	EA	Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	6.60	2.90
26 05 33	16-0119	EA	Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover.....	6.63	2.90
26 05 33	16-0120	EA	1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover.....	7.71	2.90
26 05 33	16-0121	EA	Flat, 2" x 4" Steel Handy Box Exposed Work Cover.....	6.63	2.90
<b>26 05 33</b>	<b>16-0122</b>		<b>3-1/2" Depth, 3-3/4" Steel Masonry Boxes (26 05 33 16-0001)</b>		
26 05 33	16-0123	EA	1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box.....	47.18	20.29
26 05 33	16-0124	EA	2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box.....	52.87	21.44
26 05 33	16-0125	EA	3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box.....	60.68	23.18
26 05 33	16-0126	EA	4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box.....	69.19	25.50
<b>26 05 33</b>	<b>16-0127</b>		<b>Cast Boxes (26 05 33 16)</b>		
			Note: For flush or surface mount.		
<b>26 05 33</b>	<b>16-0128</b>		<b>Cast Iron Alloy Boxes (26 05 33 16-0127)</b>		
			See CSI section 26 27 26 00-0263 for box covers.		
<b>26 05 33</b>	<b>16-0129</b>		<b>Shallow, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128)</b>		
			Note: Up to 2" deep boxes.		
26 05 33	16-0130	EA	1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	101.59	34.77
			Note: One hub.		
26 05 33	16-0131	EA	3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	108.99	40.56
			Note: One hub.		
26 05 33	16-0132	EA	1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	128.13	49.26
			Note: One hub.		
26 05 33	16-0133	EA	1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box.....	126.55	46.36
			Note: Two hub.		
26 05 33	16-0134	EA	3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box.....	162.38	55.06
			Note: Two hub.		
26 05 33	16-0135	EA	1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box.....	126.00	46.36
			Note: Two hub.		
26 05 33	16-0136	EA	3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box.....	151.62	55.06
			Note: Two hubs.		
26 05 33	16-0137	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box.....	129.47	46.36
			Note: Two hubs.		
26 05 33	16-0138	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box.....	151.67	55.06
			Note: Two hubs.		
26 05 33	16-0139	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	126.00	46.36
			Note: Two hubs.		
26 05 33	16-0140	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box.....	147.40	55.06
			Note: Two hubs.		
26 05 33	16-0141	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box.....	149.76	57.95
			Note: Three hubs.		
26 05 33	16-0142	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box.....	177.09	69.54
			Note: Three hubs.		
26 05 33	16-0143	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box.....	156.39	57.95
			Note: Three hubs.		
26 05 33	16-0144	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box.....	202.40	69.54
			Note: Three hubs.		
26 05 33	16-0145	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box.....	160.73	57.95
			Note: Three hubs.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0146 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	191.99	69.54
26 05 33 16-0147 EA 1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	149.19	57.95
26 05 33 16-0148 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	194.92	69.54
26 05 33 16-0149 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box ..... Note: Four hubs.	190.79	69.54
26 05 33 16-0150 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box ..... Note: Four hubs.	230.16	84.03
<b>26 05 33 16-0151 Deep, Single Gang Cast Iron Alloy Boxes</b> <small>(26 05 33 16-0128)</small> Note: >2" deep boxes.		
26 05 33 16-0152 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	106.48	34.77
26 05 33 16-0153 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	122.55	40.56
26 05 33 16-0154 EA 1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	143.78	49.26
26 05 33 16-0155 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box ..... Note: Two hubs.	135.49	46.36
26 05 33 16-0156 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box ..... Note: Two hubs.	156.22	55.06
26 05 33 16-0157 EA 1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box ..... Note: Two hubs.	187.71	66.64
26 05 33 16-0158 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box ..... Note: Two hubs.	168.40	55.06
26 05 33 16-0159 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box ..... Note: Three hubs.	216.83	69.54
<b>26 05 33 16-0160 Shallow, Two Gang Cast Iron Alloy Boxes</b> <small>(26 05 33 16-0128)</small> Note: Up to 2" deep boxes.		
26 05 33 16-0161 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box ..... Note: One hub.	122.76	37.67
26 05 33 16-0162 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box ..... Note: One hub.	135.80	43.46
26 05 33 16-0163 EA 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box ..... Note: One hub.	157.53	52.16
26 05 33 16-0164 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box ..... Note: Two hubs.	148.29	49.26
26 05 33 16-0165 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box ..... Note: Two hubs.	168.19	57.95
<b>26 05 33 16-0166 Deep, Two Gang Cast Iron Alloy Boxes</b> <small>(26 05 33 16-0128)</small> Note: >2" deep boxes.		
26 05 33 16-0167 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	137.43	37.67
26 05 33 16-0168 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	149.60	43.46
26 05 33 16-0169 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box ..... Note: Two hubs.	170.38	49.26
26 05 33 16-0170 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box ..... Note: Two hubs.	191.52	57.95
<b>26 05 33 16-0171 Cast Aluminum Boxes</b> <small>(26 05 33 16-0127)</small> See CSI section 26 27 26 00-0263 for box covers.		
<b>26 05 33 16-0172 Shallow, Single Gang Cast Aluminum Boxes</b> <small>(26 05 33 16-0171)</small> Note: Up to 2" deep boxes.		
26 05 33 16-0173 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	90.00	28.98
26 05 33 16-0174 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	102.87	34.77
26 05 33 16-0175 EA 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	113.73	43.46
26 05 33 16-0176 EA 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box ..... Note: One hub.	84.31	28.98
26 05 33 16-0177 EA 3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box ..... Note: One hub.	106.89	34.77
26 05 33 16-0178 EA 1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	113.73	40.56
26 05 33 16-0179 EA 3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	136.58	49.26
26 05 33 16-0180 EA 1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	171.51	60.85
26 05 33 16-0181 EA 1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	123.64	40.56
26 05 33 16-0182 EA 3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	131.76	49.26

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0183	EA	1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	118.01	40.56
26 05 33	16-0184	EA	3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	135.12	49.26
26 05 33	16-0185	EA	1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	114.37	40.56
26 05 33	16-0186	EA	3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box ..... Note: Two hubs.	135.12	49.26
26 05 33	16-0187	EA	1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	105.97	40.56
26 05 33	16-0188	EA	3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	144.05	49.26
26 05 33	16-0189	EA	1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	134.94	52.16
26 05 33	16-0190	EA	3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	163.91	63.75
26 05 33	16-0191	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	143.65	52.16
26 05 33	16-0192	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	194.07	63.75
26 05 33	16-0193	EA	1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	142.92	52.16
26 05 33	16-0194	EA	3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box ..... Note: Three hubs.	175.39	63.75
26 05 33	16-0195	EA	3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box..... Note: Three hubs.	177.97	63.75
26 05 33	16-0196	EA	1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box..... Note: Four hubs.	174.25	63.75
26 05 33	16-0197	EA	3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box..... Note: Four hubs.	212.65	78.23
<b>26 05 33</b>	<b>16-0198</b>		<b>Deep, Single Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: >2" deep boxes.		
26 05 33	16-0199	EA	1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	100.10	28.98
26 05 33	16-0200	EA	3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	119.91	34.77
26 05 33	16-0201	EA	1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box..... Note: One hub.	137.16	43.46
26 05 33	16-0202	EA	3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box ..... Note: One hub.	129.13	34.77
26 05 33	16-0203	EA	1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	126.79	40.56
26 05 33	16-0204	EA	3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	152.61	49.26
26 05 33	16-0205	EA	1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	170.00	60.85
26 05 33	16-0206	EA	3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box ..... Note: Two hubs.	154.75	49.26
26 05 33	16-0207	EA	3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box..... Note: Three hubs.	188.85	63.75
<b>26 05 33</b>	<b>16-0208</b>		<b>Shallow, Two Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: Up to 2" deep boxes.		
26 05 33	16-0209	EA	1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	120.04	31.87
26 05 33	16-0210	EA	3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	137.32	37.67
26 05 33	16-0211	EA	1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box ..... Note: One hub.	146.75	46.36
26 05 33	16-0212	EA	1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	149.60	43.46
26 05 33	16-0213	EA	3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	151.62	52.16
26 05 33	16-0214	EA	1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box..... Note: Two hubs.	187.38	63.75
<b>26 05 33</b>	<b>16-0215</b>		<b>Deep, Two Gang Cast Aluminum Boxes (26 05 33 16-0171)</b> Note: >2" deep boxes.		
26 05 33	16-0216	EA	1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box ..... Note: One hub.	119.93	31.87
26 05 33	16-0217	EA	3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box ..... Note: One hub.	138.69	37.67
26 05 33	16-0218	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	152.75	43.46
26 05 33	16-0219	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	172.74	52.16
26 05 33	16-0220	EA	1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	152.75	43.46
26 05 33	16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box ..... Note: Two hubs.	172.74	52.16



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 33	16-0222		<b>Shallow, Three Gang Cast Aluminum Boxes</b> <small>(26 05 33 16-0171)</small> Note: Up to 2" deep boxes.		
	26 05 33	16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box.....	160.23	46.36
				Note: Two hubs.		
	26 05 33	16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box.....	179.40	55.06
				Note: Two hubs.		
	26 05 33	16-0225		<b>Deep, Three Gang Cast Aluminum Boxes</b> <small>(26 05 33 16-0171)</small> Note: >2" deep boxes.		
	26 05 33	16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box.....	184.17	40.56
				Note: One hub.		
	26 05 33	16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box.....	204.80	49.26
				Note: One hub.		
	26 05 33	16-0228		<b>Cast Aluminum Explosion Proof Outlet Bodies</b> <small>(26 05 33 16-0127)</small> Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
	26 05 33	16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body .....	190.03	46.36
	26 05 33	16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body .....	236.23	52.16
	26 05 33	16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body .....	214.74	57.95
	26 05 33	16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body .....	210.49	52.16
	26 05 33	16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA .....	257.40	57.95
	26 05 33	16-0234		<b>Non-Metallic (PVC) Boxes</b> <small>(26 05 33 16)</small> See CSI section 26 27 26 00-0263 for box covers.		
	26 05 33	16-0235		<b>Shallow, Single Gang Non-Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
	26 05 33	16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box .....	59.95	24.34
				Note: One hub.		
	26 05 33	16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box .....	68.42	28.40
				Note: One hub.		
	26 05 33	16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box .....	77.62	34.48
				Note: One hub.		
	26 05 33	16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box.....	76.54	32.46
				Note: Two hubs.		
	26 05 33	16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box .....	89.86	38.54
				Note: Two hubs.		
	26 05 33	16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box.....	109.00	46.65
				Note: Two hubs.		
	26 05 33	16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box .....	76.83	32.46
				Note: Two hubs.		
	26 05 33	16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box .....	89.06	38.54
				Note: Two hubs.		
	26 05 33	16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box .....	106.28	46.65
				Note: Two hubs.		
	26 05 33	16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box .....	97.08	40.56
				Note: Three hubs.		
	26 05 33	16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box .....	110.15	48.68
				Note: Three hubs.		
	26 05 33	16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box .....	129.50	58.83
				Note: Three hubs.		
	26 05 33	16-0248		<b>Deep, Single Gang Non-Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
	26 05 33	16-0249	EA	No Hub, Type FD, Deep, Single Gang Non-Metallic (PVC) Box .....	60.83	24.34
				Note: No hubs.		
	26 05 33	16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box.....	59.29	24.34
				Note: One hub.		
	26 05 33	16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box.....	70.50	28.40
				Note: One hub.		
	26 05 33	16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box.....	78.48	34.48
				Note: One hub.		
	26 05 33	16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box.....	78.26	32.46
				Note: Two hubs.		
	26 05 33	16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box.....	87.60	38.54
				Note: Two hubs.		
	26 05 33	16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box.....	104.60	46.65
				Note: Two hubs.		
	26 05 33	16-0256		<b>Shallow, Two Gang Non-Metallic (PVC) Boxes</b> <small>(26 05 33 16-0234)</small>		
	26 05 33	16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box .....	64.46	26.37
				Note: One hub.		
	26 05 33	16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box .....	73.81	30.42
				Note: One hub.		
	26 05 33	16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box .....	81.84	36.51
				Note: One hub.		
	26 05 33	16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box .....	78.67	34.48
				Note: Two hubs.		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0261	EA	3/4" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box ..... Note: Two hubs.	97.66	40.56
26 05 33	16-0262	EA	1" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box ..... Note: Two hubs.	115.43	48.68
26 05 33	16-0263	EA	1/2" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box ..... Note: Two hubs.	80.71	34.48
26 05 33	16-0264	EA	3/4" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box ..... Note: Two hubs.	103.31	40.56
26 05 33	16-0265	EA	1" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box ..... Note: Two hubs.	110.89	48.68
26 05 33	16-0266	EA	1/2" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box..... Note: Three hubs.	98.60	42.60
26 05 33	16-0267	EA	3/4" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box..... Note: Three hubs.	130.71	50.71
26 05 33	16-0268	EA	1" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box..... Note: Three hubs.	133.42	60.85
26 05 33	16-0269		<b>Poke Thru Units</b> (26 05 33 16)		
26 05 33	16-0270		<b>Surface Poke Thru Units</b> (26 05 33 16-0269) Note: Excludes concrete drilling. See CSI section 27 11 19 00-0122 for jacks.		
26 05 33	16-0271	EA	Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit ..... Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	502.81	43.46
26 05 33	16-0272	EA	Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements ..... Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	321.24	
26 05 33	16-0273	EA	20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC37REC.	44.97	11.59
26 05 33	16-0274	EA	Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC3APTCBK.	53.93	5.79
26 05 33	16-0275	EA	Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit ..... Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	568.54	46.36
26 05 33	16-0276	EA	Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements ..... Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	300.87	
26 05 33	16-0277	EA	Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit ..... Note: Wiremold RC4REC2.	76.95	17.39
26 05 33	16-0278	EA	Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold RC4APTCBK.	53.93	5.79
26 05 33	16-0279	EA	Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit..... Note: Wiremold ABPLUG4.	156.91	11.59
26 05 33	16-0280	EA	Four Jack RC9AMD Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	450.08	40.56
26 05 33	16-0281	EA	Abandonment Plate For RC9 Series Communications Poke Thru Unit ..... Note: Wiremold RC9APTCBK.	37.57	5.79
26 05 33	16-0282	EA	Eight Jack AMD8 Communications Poke Thru Unit..... Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	448.01	40.56
26 05 33	16-0283	EA	Communication Conduit Adapter For Poke Thru Units ..... Note: Includes two conduit connections for communication systems. Wiremold COM75.	52.14	5.79
26 05 33	16-0284		<b>Recessed Poke Thru Units</b> (26 05 33 16-0269) Note: Excludes concrete drilling.		
26 05 33	16-0285		<b>Evolution 6AT Poke Thru Units</b> (26 05 33 16-0284) Note: Excludes concrete drilling.		
26 05 33	16-0286	EA	Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) ..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36
26 05 33	16-0287	EA	Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.91	46.36
26 05 33	16-0288	EA	Recessed Assembly With Surface Style Cover (Wiremold 6ATC)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	764.40	46.36
26 05 33	16-0289	EA	Recessed Assembly With Flush Style Cover (Wiremold 6AT) ..... Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	764.40	46.36
26 05 33	16-0290	EA	Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0291 EA Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	801.81	46.36
26 05 33 16-0292 EA Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	732.74	46.36
26 05 33 16-0293 EA Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	460.68	43.46
26 05 33 16-0294 EA Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV) ..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	493.77	43.46
26 05 33 16-0295 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP) ..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	497.04	43.46
26 05 33 16-0296 EA 6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)..... Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	141.85	23.18
26 05 33 16-0297 EA Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	322.53	11.59
26 05 33 16-0298 EA Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	322.53	11.59
26 05 33 16-0299 EA Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	268.29	11.59
26 05 33 16-0300 EA Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	38.92	2.90
26 05 33 16-0301 EA Device Mounting Plate (Wiremold 6AAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	19.46	5.79
26 05 33 16-0302 EA Device Mounting Plate (Wiremold 6ACT8A)..... Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.40	5.79
26 05 33 16-0303 EA Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	19.37	5.79
26 05 33 16-0304 EA Device Mounting Plate (Wiremold 6DEC)..... Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCIs, 106 adapters or A/V devices. For use in the center compartment only. Devices supplied by others.	19.43	5.79
26 05 33 16-0305 EA Device Mounting Plate (Wiremold 6DP)..... Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	19.30	5.79
26 05 33 16-0306 EA Device Mounting Plate (Wiremold 6MAAP)..... Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	22.71	5.79
26 05 33 16-0307 EA Device Mounting Plate (Wiremold 6MAAP2A)..... Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.47	5.79
26 05 33 16-0308 EA Mosaic Mounting Plate (Wiremold 6MOS)..... Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	23.00	5.79
26 05 33 16-0309 EA Device Mounting Plate (Wiremold 6S1)..... Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.02	5.79
26 05 33 16-0310 EA Device Mounting Plate (Wiremold 6S2)..... Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.03	5.79
26 05 33 16-0311 EA Device Mounting Plate (Wiremold 6SER)..... Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	18.78	5.79
26 05 33 16-0312 EA Device Mounting Plate (Wiremold 6TRAC)..... Note: Device plate that will accept up to eight (8) Ortronics® TraJack devices. For use in the center compartment only. Devices supplied by others.	18.78	5.79
26 05 33 16-0313 EA 20 Amperes, Duplex Receptacles (Wiremold 68REC)..... Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	44.79	8.69
26 05 33 16-0314 EA Device Mounting Plate (Wiremold 68B)..... Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	17.23	5.79
26 05 33 16-0315 EA Device Mounting Plate (Wiremold 68MAAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	17.65	5.79

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0316 EA 20 Amperes, Duplex Receptacles (Wiremold 68REC-25)..... Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	139.37	10.43
26 05 33 16-0317 EA Device Mounting Plate (Wiremold 682A)..... Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	22.20	5.79
26 05 33 16-0318 EA Bottom Housing Assembly (Wiremold 5PTHA)..... Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	23.11	5.79
26 05 33 16-0319 EA Bottom Housing Assembly (Wiremold 5BLH)..... Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	23.76	5.79
26 05 33 16-0320 EA Bottom Housing Assembly (Wiremold 152CHA)..... Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	36.73	11.59
26 05 33 16-0321 EA Bottom Housing Assembly (Wiremold 575CHA)..... Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	42.19	14.48
26 05 33 16-0322 EA Bottom Housing Assembly (Wiremold 175CHA)..... Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	46.40	14.48
26 05 33 16-0323 EA Bottom Housing Assembly (Wiremold 1125CHA)..... Note: One-gang 1 1/4" trade size conduit housing assembly.	35.31	11.59
26 05 33 16-0324 EA Bottom Housing Assembly (Wiremold 1PTHA)..... Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	22.96	5.79
26 05 33 16-0325 EA Bottom Housing Assembly (Wiremold 1BLH)..... Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	22.96	5.79
26 05 33 16-0326 EA Bottom Housing Assembly (Wiremold 15FFHA)..... Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	24.17	5.79
26 05 33 16-0327 EA Bottom Housing Assembly (Wiremold 1BHA)..... Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	24.99	5.79
<b>26 05 33 16-0328 Evolution 8AT Poke Thru Units</b> (26 05 33 16-0284) Note: Excludes concrete drilling.		
26 05 33 16-0329 EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP)..... Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,050.62	46.36
26 05 33 16-0330 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP)..... Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,000.14	46.36
26 05 33 16-0331 EA Recessed Assembly With Surface Style Cover (Wiremold 8ATC)..... Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	990.64	46.36
26 05 33 16-0332 EA Recessed Assembly With Flush Style Cover (Wiremold 8AT)..... Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	981.63	46.36
26 05 33 16-0333 EA Recessed Assembly With Disposable Plate (Wiremold 8STC)..... Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	594.24	43.46
26 05 33 16-0334 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP)..... Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	665.35	43.46
26 05 33 16-0335 EA 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS)..... Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	169.60	23.18
26 05 33 16-0336 EA Surface Style Cover Assembly (Wiremold 8CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	348.72	11.59
26 05 33 16-0337 EA Flush Style Cover Assembly (Wiremold 8CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	348.72	11.59
26 05 33 16-0338 EA Tile Shim (Wiremold 8TS)..... Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	60.50	2.90
26 05 33 16-0339 EA Device Mounting Plate (Wiremold 8B)..... Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	20.09	5.79
26 05 33 16-0340 EA Device Mounting Plate (Wiremold 8DP)..... Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.20	5.79



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0341 EA Device Mounting Plate (Wiremold 8DEC)..... Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or A/V devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.33	5.79
26 05 33 16-0342 EA Device Mounting Plate (Wiremold 8ACT6A)..... Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	23.48	5.79
26 05 33 16-0343 EA Mosaic Mounting Plate (Wiremold 8MOS)..... Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	28.34	5.79
26 05 33 16-0344 EA Crestron Double Gang Plate (Wiremold 8CREST)..... Note: Device plate accepts Crestron double-gang decorator style devices.	28.29	5.79
26 05 33 16-0345 EA Device Mounting Plate (Wiremold 8S1)..... Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	19.50	5.79
26 05 33 16-0346 EA Device Mounting Plate (Wiremold 8S2)..... Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	19.74	5.79
26 05 33 16-0347 EA Device Mounting Plate (Wiremold 8TRAC)..... Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.50	5.79
26 05 33 16-0348 EA Device Mounting Plate (Wiremold 8SER)..... Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.50	5.79
26 05 33 16-0349 EA Device Mounting Plate (Wiremold 8MAAP)..... Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	27.90	5.79
26 05 33 16-0350 EA Device Mounting Plate (Wiremold 8AAP)..... Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	23.34	5.79
26 05 33 16-0351 EA 8" Divider (Wiremold 8DIV)..... Note: Divider allows for separation of services when required.	26.83	5.79
26 05 33 16-0352 EA Bottom Housing Assembly (Wiremold 22CHA)..... Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	36.73	11.59

**26 05 33 23 Surface Raceways for Electrical Systems (26 05 33)**

**26 05 33 23-0001 Raceways (26 05 33 23)**

**26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)**

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

**26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)**

26 05 33 23-0004 LF 2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	26.70 0.81 0.53	5.29
26 05 33 23-0005 EA 2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	21.72 0.29	7.94
26 05 33 23-0006 EA 2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	25.64 0.29	9.90
26 05 33 23-0007 EA 2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	54.18 0.86	18.53
26 05 33 23-0008 EA 2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	88.29 2.56	18.53
26 05 33 23-0009 EA 2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	130.88 3.91	26.37
26 05 33 23-0010 EA 2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	146.96 4.44	29.12

**26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)**

26 05 33 23-0012 LF 4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	32.68 0.97 0.66	6.67
26 05 33 23-0013 LF 4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	59.14 2.29 0.66	6.67
26 05 33 23-0014 EA 4" x 4", End Plate For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	17.74 0.30	5.83
26 05 33 23-0015 EA 4" x 4", Coupling For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	28.33 0.30	11.12
26 05 33 23-0016 EA 4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	63.92 0.93	22.66
26 05 33 23-0017 EA 4" x 4", Elbow For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	101.42 2.80	22.66
26 05 33 23-0018 EA 4" x 4", Tee For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	143.86 4.25	29.44
26 05 33 23-0019 EA 4" x 4", Cross For Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i>	166.15 4.87	34.41

**26 05 33 23-0020 6" x 6", Wireway With Screw Cover (26 05 33 23-0002)**

26 05 33 23-0021 LF 6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	49.02 1.66 0.80	7.94
---	-----------------------	------

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0022	LF		6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	95.41 3.98 0.80	7.94
26 05 33 23-0023	EA		6" x 6", End Plate For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	22.51 0.49	6.36
26 05 33 23-0024	EA		6" x 6", Coupling For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	36.28 0.49	13.24
26 05 33 23-0025	EA		6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	90.73 1.91	26.37
26 05 33 23-0026	EA		6" x 6", Elbow For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	130.33 3.89	26.37
26 05 33 23-0027	EA		6" x 6", Tee For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	205.42 6.98	32.93
26 05 33 23-0028	EA		6" x 6", Cross For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	222.47 7.31	38.12
<b>26 05 33 23-0029</b>			<b>8" x 8", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0030	LF		8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	79.39 3.10 0.87	8.68
26 05 33 23-0031	LF		8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	145.46 6.41 0.87	8.68
26 05 33 23-0032	EA		8" x 8", End Plate For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	24.80 0.55	6.88
26 05 33 23-0033	EA		8" x 8", Coupling For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	39.62 0.55	14.30
26 05 33 23-0034	EA		8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	101.27 2.16	29.02
26 05 33 23-0035	EA		8" x 8", Elbow For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	165.59 5.38	29.02
26 05 33 23-0036	EA		8" x 8", Tee For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	247.31 8.79	35.80
26 05 33 23-0037	EA		8" x 8", Cross For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	345.72 12.94	43.42
<b>26 05 33 23-0038</b>			<b>10" x 10", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0039	LF		10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	115.43 4.76 1.01	10.06
26 05 33 23-0040	LF		10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	204.84 9.23 1.01	10.06
26 05 33 23-0041	EA		10" x 10", End Plate For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	34.83 0.95	7.94
26 05 33 23-0042	EA		10" x 10", Coupling For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	50.71 0.95	15.88
26 05 33 23-0043	EA		10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	135.59 3.62	31.55
26 05 33 23-0044	EA		10" x 10", Elbow For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	263.18 10.00	31.55
26 05 33 23-0045	EA		10" x 10", Tee For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	398.59 15.95	39.82
26 05 33 23-0046	EA		10" x 10", Cross For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	569.43 23.97	45.00
<b>26 05 33 23-0047</b>			<b>12" x 12", Wireway With Screw Cover</b> <small>(26 05 33 23-0002)</small>		
26 05 33 23-0048	LF		12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	135.53 5.56 1.22	12.17
26 05 33 23-0049	LF		12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	225.37 10.05 1.22	12.17
26 05 33 23-0050	EA		12" x 12", End Plate For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	45.90 1.45	8.47
26 05 33 23-0051	EA		12" x 12", Coupling For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	62.85 1.45	16.94
26 05 33 23-0052	EA		12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	178.32 5.47	34.41
26 05 33 23-0053	EA		12" x 12", Elbow For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	347.29 13.92	34.41
26 05 33 23-0054	EA		12" x 12", Tee For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	448.02 18.17	42.35
26 05 33 23-0055	EA		12" x 12", Cross For Surface Mounted Wireway With Screw Cover ..... <i>For Combination Hinged Screw Cover, Add</i>	731.41 31.81	47.65
<b>26 05 33 23-0056</b>			<b>Surface Metal Raceways</b> <small>(26 05 33 23-0001)</small> Note: Exposed on flat wall surface.		





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0057				<b>One Piece Surface Metal Raceways</b> (26 05 33 23-0056) Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0058				<b>3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500)</b> (26 05 33 23-0057) Note: Available in ivory.		
26 05 33 23-0059	LF			3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500).....	4.76	1.58
				<i>For Concrete Or Masonry Surface, Add</i>	<i>0.16</i>	
26 05 33 23-0060	EA			Bushing (Wiremold #502).....	4.61	2.12
26 05 33 23-0061	EA			One Or Two Hole Strap (Wiremold #504).....	4.65	2.12
26 05 33 23-0062	EA			Connection Cover (Wiremold #506).....	4.84	2.12
26 05 33 23-0063	EA			Flat 90 Degree Elbow (Wiremold #511).....	7.41	2.54
26 05 33 23-0064	EA			Flat 45 Degree Elbow (Wiremold #512).....	12.44	2.65
26 05 33 23-0065	EA			Adjustable Internal Elbow (Wiremold #517).....	9.24	3.18
26 05 33 23-0066	EA			Adjustable External Elbow (Wiremold #518).....	9.03	3.18
26 05 33 23-0067				<b>3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700)</b> (26 05 33 23-0057) Note: Available in ivory and white.		
26 05 33 23-0068	LF			3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700).....	6.00	2.12
				<i>For Concrete Or Masonry Surface, Add</i>	<i>0.21</i>	
26 05 33 23-0069	EA			Bushing (Wiremold #702).....	4.74	2.12
26 05 33 23-0070	EA			One Or Two Hole Strap (Wiremold #704).....	4.89	2.12
26 05 33 23-0071	EA			Connection Cover (Wiremold #706).....	4.92	2.12
26 05 33 23-0072	EA			Flat 90 Degree Elbow (Wiremold #711).....	10.90	4.23
26 05 33 23-0073	EA			Flat 45 Degree Elbow (Wiremold #712).....	17.34	4.23
26 05 33 23-0074	EA			Adjustable Internal Elbow (Wiremold #717).....	11.78	4.23
26 05 33 23-0075	EA			Adjustable External Elbow (Wiremold #718).....	11.37	4.23
26 05 33 23-0076				<b>One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings)</b> (26 05 33 23-0057) Note: Available in ivory.		
26 05 33 23-0077	EA			18" Flex Fitting, For #500 Or 700 (Wiremold #5700F).....	33.32	3.18
26 05 33 23-0078	EA			Galvanized Coupling For #500 Or 700 (Wiremold #5701).....	4.86	2.12
26 05 33 23-0079	EA			Supporting Clip, For #500 Or 700 (Wiremold #5703).....	4.86	2.12
26 05 33 23-0080	EA			Ground Clamp (Wiremold #5709).....	14.38	3.18
26 05 33 23-0081	EA			Grounding Connector (Wiremold #5709GC).....	12.10	3.18
26 05 33 23-0082	EA			L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711).....	13.69	4.23
26 05 33 23-0083	EA			Tee (Wiremold #5715).....	15.35	5.29
26 05 33 23-0084	EA			2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719).....	27.12	4.23
26 05 33 23-0085	EA			Utility Box For #500 Or #700 (Wiremold #57242).....	20.79	4.23
26 05 33 23-0086	EA			2-3/8" Diameter, Blank Cover (Wiremold #5731).....	11.14	2.65
26 05 33 23-0087	EA			3" Diameter, Outlet Box (Wiremold #5733).....	25.82	4.23
26 05 33 23-0088	EA			4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735).....	25.72	4.23
26 05 33 23-0089	EA			4-3/8" Blank Cover (Wiremold #5736).....	11.82	2.65
26 05 33 23-0090	EA			4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737).....	23.34	4.23
26 05 33 23-0091	EA			5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A).....	22.51	4.23
26 05 33 23-0092	EA			4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738).....	22.70	4.23
26 05 33 23-0093	EA			5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A).....	22.70	4.23
26 05 33 23-0094	EA			5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF).....	25.72	4.23
26 05 33 23-0095	EA			6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739).....	25.40	4.23
26 05 33 23-0096	EA			6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A).....	27.14	4.23
26 05 33 23-0097	EA			Standard Switch Box For #500, Or #700 (Wiremold #57240).....	30.39	6.88
26 05 33 23-0098	EA			Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G).....	47.88	13.24
26 05 33 23-0099	EA			2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741).....	22.80	6.88
26 05 33 23-0100	EA			1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744).....	36.51	6.88
26 05 33 23-0101	EA			2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2).....	41.95	6.88
26 05 33 23-0102	EA			3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3).....	64.07	6.88
26 05 33 23-0103	EA			1 Gang, Signal Box (Wiremold #5744S).....	33.12	5.83
26 05 33 23-0104	EA			2 Gang, Signal Box (Wiremold #5744S-2).....	37.04	5.83
26 05 33 23-0105	EA			3 Gang, Signal Box (Wiremold #5744S-3).....	59.78	5.83
26 05 33 23-0106	EA			4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745).....	23.84	6.88
26 05 33 23-0107	EA			4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747).....	20.87	6.88
26 05 33 23-0108	EA			4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2).....	29.66	6.88
26 05 33 23-0109	EA			4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3).....	58.41	6.88
26 05 33 23-0110	EA			4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748).....	22.36	6.88
26 05 33 23-0111	EA			4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2).....	31.44	6.88
26 05 33 23-0112	EA			4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3).....	56.75	6.88
26 05 33 23-0113	EA			4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4).....	84.60	6.88
26 05 33 23-0114	EA			4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5).....	139.98	6.88
26 05 33 23-0115	EA			4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6).....	142.45	6.88
26 05 33 23-0116	EA			4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S).....	22.08	6.88
26 05 33 23-0117	EA			4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751).....	21.44	6.88
26 05 33 23-0118	EA			4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2).....	28.77	6.88
26 05 33 23-0119	EA			4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3).....	57.31	6.88
26 05 33 23-0120	EA			4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A).....	23.24	6.88



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 33 23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752).....	30.31		6.88
26 05 33 23-0122	EA	4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753).....	44.00		6.88
26 05 33 23-0123	EA	Blank Extension Box (Wiremold #5760).....	15.26		2.65
26 05 33 23-0124	EA	1/2" Special Nipple (Wiremold #5780).....	14.52		2.65
26 05 33 23-0125	EA	1/2" Box Connector (Wiremold #5781).....	9.56		2.65
26 05 33 23-0126	EA	3/4" Box Connector (Wiremold #5781A).....	18.24		3.18
26 05 33 23-0127	EA	1/2" Conduit Connector (Wiremold #5782).....	9.65		2.65
26 05 33 23-0128	EA	3/4" Conduit Connector (Wiremold #5782A).....	22.94		3.18
26 05 33 23-0129	EA	1/2" Elbow Conduit Connector (Wiremold #5784).....	20.52		3.18
26 05 33 23-0130	EA	Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785).....	11.26		3.18
26 05 33 23-0131	EA	Offset Connector (Wiremold #5786).....	19.02		3.18
26 05 33 23-0132	EA	Armor Cable Connector (Wiremold #5790B).....	9.80		2.65
26 05 33 23-0133	EA	1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791).....	8.69		2.12
<b>26 05 33 23-0134</b>		<b>1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) (26 05</b>			
		<small>33 23-0057</small> Note: Galvanized finish.			
26 05 33 23-0135	LF	1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10).....	8.71		2.65
		<i>For Concrete Or Masonry Surface, Add</i>	<b>0.26</b>		
26 05 33 23-0136	EA	Wire Clip (Wiremold #1500WC).....	5.36		2.12
26 05 33 23-0137	EA	Bushing (Wiremold #1502).....	6.34		2.65
26 05 33 23-0138	EA	2-Hole Strap (Wiremold #1504).....	7.16		3.18
26 05 33 23-0139	EA	Flat Elbow (Wiremold #1511).....	27.95		10.06
26 05 33 23-0140	EA	Internal Elbow (Wiremold #1517).....	28.92		10.06
26 05 33 23-0141	EA	Adapter Fitting (Wiremold #1517B).....	31.18		10.06
26 05 33 23-0142	EA	External Elbow (Wiremold #1518).....	30.99		10.06
26 05 33 23-0143	EA	Utility Box (Wiremold #1528).....	28.26		6.88
26 05 33 23-0144	EA	Junction Box (Wiremold #1542D).....	29.16		6.88
26 05 33 23-0145	EA	Duplex Receptacle (Wiremold #1543GL).....	57.18		13.24
26 05 33 23-0146	EA	Single Receptacle Box (Wiremold #1546A).....	30.06		6.88
26 05 33 23-0147	EA	Duplex Receptacle Box (Wiremold #1546B).....	36.95		6.88
26 05 33 23-0148	EA	Telephone Box (Wiremold #1546T).....	36.23		6.88
26 05 33 23-0149	EA	Combination Connection (Wiremold #1585).....	17.54		3.18
<b>26 05 33 23-0150</b>		<b>2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) (26 05</b>			
		<small>33 23-0057</small> Note: Galvanized finish.			
26 05 33 23-0151	LF	2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10).....	14.42		4.76
		<i>For Concrete Or Masonry Surface, Add</i>	<b>0.48</b>		
26 05 33 23-0152	EA	Wire Clip (Wiremold #2600WC).....	5.41		2.12
26 05 33 23-0153	EA	Fiber Bushing (Wiremold #2602).....	6.06		2.12
26 05 33 23-0154	EA	2-5/8", 90 Degree Flat Elbow (Wiremold #2611).....	22.04		3.71
26 05 33 23-0155	EA	5" Diameter, Junction Box (Wiremold #2642D).....	33.02		5.29
26 05 33 23-0156	EA	Service Fitting (Wiremold #2686FO).....	32.27		6.36
<b>26 05 33 23-0157</b>		<b>Two Piece Surface Metal Raceways (26 05 33 23-0056)</b>			
		Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).			
<b>26 05 33 23-0158</b>		<b>1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) (26 05 33 23-</b>			
		<small>0157</small>			
26 05 33 23-0159	LF	1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC).....	8.30		2.65
		<i>For Concrete Or Masonry Surface, Add</i>	<b>0.26</b>		
26 05 33 23-0160	EA	Wire Clip (Wiremold #2000WC).....	3.96		2.12
26 05 33 23-0161	EA	Coupling (Wiremold #2001).....	10.49		2.65
26 05 33 23-0162	EA	Supporting Clip (Wiremold #2003).....	5.14		1.58
26 05 33 23-0163	EA	Cover Clip (Wiremold #2006).....	4.76		1.58
26 05 33 23-0164	EA	Ground Clamp (Wiremold #2009).....	12.46		2.65
26 05 33 23-0165	EA	Entrance End Fitting (Wiremold #2010A2).....	24.45		7.94
26 05 33 23-0166	EA	Entrance End Fitting (Wiremold #2010A3).....	42.03		10.59
26 05 33 23-0167	EA	Blank End Fitting (Wiremold #2010B).....	6.44		2.65
26 05 33 23-0168	EA	Flat 90 Degree Elbow (Wiremold #2011).....	21.03		6.88
26 05 33 23-0169	EA	Tee (Wiremold #2015).....	38.76		9.96
26 05 33 23-0170	EA	Internal Corner Coupling (Wiremold #2017TC).....	13.41		5.29
26 05 33 23-0171	EA	Single Gang Device Box (Wiremold #2048).....	31.90		9.42
26 05 33 23-0172	EA	2-Gang device Box (Wiremold #2048-2).....	50.64		10.49
26 05 33 23-0173	EA	Flush Plate Adapter (Wiremold #2051H).....	34.55		10.49
26 05 33 23-0174	EA	Side Reducing Connector (Wiremold #2089).....	28.74		5.29
26 05 33 23-0175	EA	#2089E End Reducing Connector.....	11.81		2.65
<b>26 05 33 23-0176</b>		<b>1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) (26 05 33 23-</b>			
		<small>0157</small>			
		Note: Available in gray enamel (G) or ivory (V).			
26 05 33 23-0177	LF	1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B).....	7.06		2.65
		<i>For Concrete Or Masonry Surface, Add</i>	<b>0.26</b>		
26 05 33 23-0178	LF	1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD).....	7.76		2.65
		<i>For Concrete Or Masonry Surface, Add</i>	<b>0.26</b>		
26 05 33 23-0179	LF	Raceway Cover (Wiremold #2400C).....	2.86		0.53
26 05 33 23-0180	EA	Wire Clip (Wiremold #2400WC).....	3.95		2.12
26 05 33 23-0181	EA	Coupling (Wiremold #2401).....	10.41		2.65



	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0182	EA		Divided Raceway Coupling (Wiremold #2401D).....	8.67	2.65
26 05 33 23-0183	EA		Cover Clip (Wiremold #2406).....	4.79	1.58
26 05 33 23-0184	EA		Device Bracket Frame (Wiremold #2407-2CM).....	36.01	7.94
26 05 33 23-0185	EA		Device Bracket Frame (Wiremold #2407-2TJ).....	34.47	7.94
26 05 33 23-0186	EA		Ground Clamp (Wiremold #2409).....	9.47	2.12
26 05 33 23-0187	EA		End Fitting (Wiremold #2410A).....	23.40	7.94
26 05 33 23-0188	EA		Blank End (Wiremold #2410B).....	6.51	2.65
26 05 33 23-0189	EA		Divided Blank End Fitting (Wiremold #2410BD).....	6.59	2.65
26 05 33 23-0190	EA		Entrance End Fitting (Wiremold #2410C).....	35.86	7.94
26 05 33 23-0191	EA		Divided Entrance End Fitting (Wiremold #2410D).....	34.36	7.94
26 05 33 23-0192	EA		Divided Entrance End Fitting (Wiremold #2410DFO).....	56.67	7.94
26 05 33 23-0193	EA		Full Cap Entrance End Fitting (Wiremold #2410FC).....	43.29	7.94
26 05 33 23-0194	EA		Divided Flat 90 Degree Elbow (Wiremold #2411D).....	26.31	7.94
26 05 33 23-0195	EA		Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO).....	42.47	7.94
26 05 33 23-0196	EA		Radiused Flat 90 Degree Elbow (Wiremold #2411FO).....	37.98	7.83
26 05 33 23-0197	EA		Flat 90 Degree Elbow (Wiremold #2411M).....	25.05	7.94
26 05 33 23-0198	EA		Radiused Divided Tee (Wiremold #2415DFO).....	45.61	7.83
26 05 33 23-0199	EA		Radiused Tee (Wiremold #2415FO).....	43.34	7.83
26 05 33 23-0200	EA		Tee (Wiremold #2415M).....	29.80	7.83
26 05 33 23-0201	EA		Divided Internal Coupling (Wiremold #2417D).....	24.77	7.83
26 05 33 23-0202	EA		Radiused Divided Internal Coupling (Wiremold #2417DFO).....	39.23	7.83
26 05 33 23-0203	EA		Radiused Internal Coupling (Wiremold #2417FO).....	38.05	7.83
26 05 33 23-0204	EA		Internal Coupling (Wiremold #2417M).....	23.98	7.83
26 05 33 23-0205	EA		Radiused Divided External Coupling (Wiremold #2418DFO).....	42.70	7.83
26 05 33 23-0206	EA		Radiused External Coupling (Wiremold #2418FO).....	42.00	7.83
26 05 33 23-0207	EA		External Coupling (Wiremold #2418M).....	29.29	7.83
26 05 33 23-0208	EA		1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444).....	38.87	6.88
26 05 33 23-0209	EA		2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2).....	43.21	6.88
26 05 33 23-0210	EA		Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS).....	43.44	6.88
26 05 33 23-0211	EA		Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D).....	41.60	6.88
26 05 33 23-0212	EA		Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A).....	58.95	6.88
26 05 33 23-0213	EA		Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N).....	51.82	6.88
26 05 33 23-0214	EA		4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448).....	27.05	6.88
26 05 33 23-0215	EA		4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2).....	42.25	6.88
26 05 33 23-0216	EA		Device Bracket Type Adapter Plate (Wiremold #2450).....	12.93	2.65
26 05 33 23-0217	EA		4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H).....	30.51	7.94
26 05 33 23-0218	EA		Bridge Fitting For 2400/700/500 (Wiremold #2475D).....	92.20	7.94
26 05 33 23-0219	EA		Side Reducing Connector (Wiremold #2489).....	26.67	4.23
26 05 33 23-0220			<b>2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000)</b> <small>(26 05 33 23-0157)</small>		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF		2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B).....	13.93	4.76
			<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0222	LF		Raceway Cover (Wiremold #3000CE).....	3.35	0.53
26 05 33 23-0223	EA		Wire Clips For Conductors (Wiremold #3000WC).....	5.34	2.12
26 05 33 23-0224	EA		Couplings (Wiremold #3001).....	13.75	2.12
26 05 33 23-0225	EA		Rigid Inside Coupling (Wiremold #3001A).....	13.74	2.65
26 05 33 23-0226	EA		Supporting Clip (Wiremold #3003).....	10.10	2.65
26 05 33 23-0227	EA		Clip Cover (Wiremold #3006E).....	5.76	2.12
26 05 33 23-0228	EA		Device Brackets (Wiremold #3007C).....	14.98	4.23
26 05 33 23-0229	EA		C-Hanger (Wiremold #3008C).....	14.97	3.18
26 05 33 23-0230	EA		Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE).....	34.69	10.06
26 05 33 23-0231	EA		Blank End Fittings (Wiremold #3010B).....	12.66	4.23
26 05 33 23-0232	EA		Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C).....	38.49	10.06
26 05 33 23-0233	EA		Flat 90 Degree Elbow (Wiremold #3011E).....	57.94	13.13
26 05 33 23-0234	EA		Wall Box Connector (Wiremold #3014C).....	41.13	13.24
26 05 33 23-0235	EA		Tee Fitting (Wiremold #3015E).....	79.76	16.41
26 05 33 23-0236	EA		Internal Corner Coupling (Wiremold #3017TCE).....	37.59	10.06
26 05 33 23-0237	EA		External Corner (Wiremold #3018AE).....	46.52	10.06
26 05 33 23-0238	EA		Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE).....	33.03	10.06
26 05 33 23-0239	EA		Utility Box (Wiremold #3028).....	56.39	10.06
26 05 33 23-0240	EA		Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE).....	18.23	2.65
26 05 33 23-0241	EA		Blank Cover (Wiremold #3036HE).....	19.96	2.65
26 05 33 23-0242	EA		Switch Cover (Wiremold #3040CE).....	18.18	2.65
26 05 33 23-0243	EA		Duplex Receptacle Cover (Wiremold #3043BE).....	21.85	3.18
26 05 33 23-0244	EA		15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE).....	55.93	13.77
26 05 33 23-0245	EA		2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2).....	63.56	10.06
26 05 33 23-0246	EA		Duplex Receptacle Cover (Wiremold #3046BE).....	18.29	3.18
26 05 33 23-0247	EA		Tap Off Fitting (Wiremold #3046H-2).....	21.58	2.65
26 05 33 23-0248	EA		1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD).....	86.45	6.36
26 05 33 23-0249	EA		2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ).....	213.96	6.36
26 05 33 23-0250	EA		1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU).....	75.01	6.36
26 05 33 23-0251	EA		1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S).....	81.34	6.36
26 05 33 23-0252	EA		1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U).....	81.34	6.36
26 05 33 23-0253	EA		Rectangular Receptacle Cover (Wiremold #3048R).....	25.50	3.18
26 05 33 23-0254			<b>4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000)</b> <small>(26 05 33 23-0157)</small>		
			Note: Available in gray enamel (G) or ivory (V).		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 05 33 23-0255	LF		4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10).....	17.26	4.76
			<i>For Concrete Or Masonry Surface, Add</i>	0.51	
26 05 33 23-0256	LF		Raceway Cover (Wiremold #4000C).....	6.17	0.53
26 05 33 23-0257	LF		Divider (Wiremold #4000D).....	2.96	0.53
26 05 33 23-0258	EA		Wire Clips For Conductors (Wiremold #4000WC).....	6.66	2.65
26 05 33 23-0259	EA		Couplings (Wiremold #4001A).....	17.24	3.18
26 05 33 23-0260	EA		Divider Clip (Wiremold #4001D).....	8.02	3.18
26 05 33 23-0261	EA		Seam Clip (Wiremold #4006).....	8.17	3.18
26 05 33 23-0262	EA		Single Device Fitting (Wiremold #4007C-1R).....	34.98	6.88
26 05 33 23-0263	EA		Blank End Fittings (Wiremold #4010B).....	18.43	4.23
26 05 33 23-0264	EA		Entrance End Fitting (Wiremold #4010DFO).....	70.76	16.30
26 05 33 23-0265	EA		Flat 90 Degree Elbow (Wiremold #4011).....	66.03	13.24
26 05 33 23-0266	EA		Radiused Flat 90 Degree Elbow (Wiremold #4011FO).....	78.30	13.24
26 05 33 23-0267	EA		Internal Or External 45 Degree Elbow (Wiremold #4012TX).....	71.65	16.41
26 05 33 23-0268	EA		Wall Box Connector (Wiremold #4014A).....	96.20	16.41
26 05 33 23-0269	EA		Tee Fitting (Wiremold #4015).....	106.97	16.41
26 05 33 23-0270	EA		Divided Tee Fitting (Wiremold #4015D).....	111.29	16.41
26 05 33 23-0271	EA		Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO).....	133.31	16.41
26 05 33 23-0272	EA		Radiused Tee Fitting (Wiremold #4015FO).....	133.74	16.41
26 05 33 23-0273	EA		Internal Elbow (Wiremold #4017).....	57.83	16.41
26 05 33 23-0274	EA		Internal Elbow (Wiremold #4017FO).....	105.06	16.41
26 05 33 23-0275	EA		Inverted Internal Elbow (Wiremold #4017N).....	64.32	16.41
26 05 33 23-0276	EA		Internal Corner Coupling (Wiremold #4017TCA).....	54.40	16.41
26 05 33 23-0277	EA		External Elbow (Wiremold #4018).....	87.33	16.41
26 05 33 23-0278	EA		Radiused External Elbow (Wiremold #4018FO).....	101.69	16.41
26 05 33 23-0279	EA		Single Locking Receptacle And Two RJ11/45 Modular Connectors Outlet Cover (Wiremold #4046ARJ).....	86.93	6.88
26 05 33 23-0280	EA		Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2).....	92.24	6.88
26 05 33 23-0281	EA		Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ).....	92.24	6.88
26 05 33 23-0282	EA		Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2).....	123.63	6.88
26 05 33 23-0283	EA		Tap-Off Fitting (Wiremold #4046H-2).....	25.23	6.88
26 05 33 23-0284	EA		Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ).....	79.52	3.18
26 05 33 23-0285	EA		Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ).....	94.44	6.88
26 05 33 23-0286	EA		1 Gang Device Plate (Wiremold #G4047C-1).....	25.23	6.88
26 05 33 23-0287	EA		2 Gang Device Plate (Wiremold #G4047C-2).....	29.56	6.88
26 05 33 23-0288	EA		Device Mounting Bracket (Wiremold #4050).....	28.72	5.29
26 05 33 23-0289	EA		#4000 To #3000 Take-off Connector (Wiremold #4074A).....	135.40	16.41
26 05 33 23-0290	EA		Bridge Fitting (Wiremold #4075D).....	121.79	16.41
26 05 33 23-0291	EA		Bridge Fitting (Wiremold #4075DA).....	121.79	16.41
26 05 33 23-0292	EA		Panel Connector (Wiremold #4086A).....	95.57	31.23
26 05 33 23-0293	EA		Reducing Connector Fitting (Wiremold #4089).....	59.19	16.41

**26 05 33 23-0294 4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000)** (26 05 33 23-0157)

Note: Available in gray enamel (G) or ivory (V).

26 05 33 23-0295	LF		4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10).....	27.55	5.83
			<i>For Concrete Or Masonry Surface, Add</i>	0.58	
26 05 33 23-0296	LF		Raceway Cover (Wiremold #6000C).....	8.09	1.58
26 05 33 23-0297	LF		Divider (Wiremold #6000DA).....	8.67	1.58
26 05 33 23-0298	EA		Wire Clips For Conductors (Wiremold #6000WC).....	8.45	2.65
26 05 33 23-0299	EA		Couplings (Wiremold #6001A).....	22.36	5.29
26 05 33 23-0300	EA		Divider Clip (Wiremold #6001D).....	10.49	2.65
26 05 33 23-0301	EA		Converter Coupling (Wiremold #6001TX).....	29.27	6.88
26 05 33 23-0302	EA		Connection Cover (Wiremold #6006).....	27.62	6.88
26 05 33 23-0303	EA		Single Gang Device Plate (Wiremold #6007C-1).....	29.12	6.88
26 05 33 23-0304	EA		Two Gang Device Plate (Wiremold #6007C-2).....	32.18	6.88
26 05 33 23-0305	EA		C-Hanger (Wiremold #6008A).....	46.74	10.06
26 05 33 23-0306	EA		Blank End Fittings (Wiremold #6010B).....	48.05	15.88
26 05 33 23-0307	EA		Combination Flat Elbow (Wiremold #6011TX).....	96.71	15.88
26 05 33 23-0308	EA		Internal-External 45 Degree Elbow (Wiremold #6012TX).....	98.76	15.25
26 05 33 23-0309	EA		Connector Fitting (Wiremold #6014A).....	143.45	16.41
26 05 33 23-0310	EA		Combination Internal-External Elbow (Wiremold #6017TX).....	99.47	18.00
26 05 33 23-0311	EA		Circuit Breaker Housing (Wiremold #6046KD).....	179.54	18.00
26 05 33 23-0312	EA		#6000 To #6000 Take-off Connector (Wiremold #6074).....	173.94	15.88
26 05 33 23-0313	EA		#6000 To #4000 Take-off Connector (Wiremold #6074A).....	188.80	15.88
26 05 33 23-0314	EA		Panel Connector (Wiremold #6086).....	101.70	36.85

**26 05 33 23-0315 Two Piece Surface Aluminum Raceways** (26 05 33 23-0056)

Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).

**26 05 33 23-0316 1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000)** (26 05 33 23-0315)

26 05 33 23-0317	LF		1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B).....	10.78	2.65
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0318	LF		Aluminum Raceway Cover (Wiremold #AL2000C).....	5.41	0.53
26 05 33 23-0319	EA		Wire Clip (Wiremold #AL2000WC).....	5.22	2.12
26 05 33 23-0320	EA		Coupling (Wiremold #AL2001).....	11.46	2.65
26 05 33 23-0321	EA		Supporting Clip (Wiremold #AL2003).....	5.65	1.58
26 05 33 23-0322	EA		Cover Clip (Wiremold #AL2006).....	7.18	1.58
26 05 33 23-0323	EA		Ground Clamp (Wiremold #AL2009).....	10.26	2.65



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0324 EA Entrance End Fitting (Wiremold #AL2010A) .....	28.64	7.94
26 05 33 23-0325 EA Blank End Fitting (Wiremold #AL2010B) .....	9.26	2.65
26 05 33 23-0326 EA Flat 90 Degree Elbow (Wiremold #AL2011) .....	33.31	6.88
26 05 33 23-0327 EA Tee (Wiremold #AL2015) .....	45.14	9.96
26 05 33 23-0328 EA Internal Corner Elbow (Wiremold #AL2017) .....	30.19	5.29
26 05 33 23-0329 EA External Corner Elbow (Wiremold #AL2018) .....	30.13	5.29
26 05 33 23-0330 EA 2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043) .....	49.19	10.49
26 05 33 23-0331 EA 4-13/16" Round Fixture Box (Wiremold #AL2038) .....	114.58	9.42
26 05 33 23-0332 EA 4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044) .....	50.72	9.42
26 05 33 23-0333 EA 4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2) .....	105.43	10.49
26 05 33 23-0334 EA Single Gang Shallow Device Box (Wiremold #AL2047) .....	52.54	9.42
26 05 33 23-0335 EA 2-Gang Shallow Device Box (Wiremold #AL2047-2) .....	93.15	10.49
26 05 33 23-0336 EA Flush Plate Adapter (Wiremold #AL2051H) .....	39.67	10.49
<b>26 05 33 23-0337 2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)</b>		
26 05 33 23-0338 LF 2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B) .....	12.11	2.65
<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0339 LF Aluminum Raceway Cover (Wiremold #AL2400C) .....	5.59	0.53
26 05 33 23-0340 EA Wire Clip (Wiremold #AL2400WC) .....	7.17	2.12
26 05 33 23-0341 EA Coupling (Wiremold #AL2401) .....	13.31	2.65
26 05 33 23-0342 EA Cover Clip (Wiremold #AL2406) .....	9.36	1.58
26 05 33 23-0343 EA Ground Clamp (Wiremold #AL2409) .....	8.22	2.12
26 05 33 23-0344 EA Blank End (Wiremold #AL2410B) .....	10.27	2.65
26 05 33 23-0345 EA End Fitting (Wiremold #AL2410B2) .....	21.92	7.94
26 05 33 23-0346 EA Flat 90 Degree Elbow (Wiremold #AL2411) .....	40.31	7.94
26 05 33 23-0347 EA Tee (Wiremold #AL2415) .....	44.00	7.83
26 05 33 23-0348 EA Fourway Fitting (Wiremold #AL2416) .....	51.75	7.83
26 05 33 23-0349 EA Internal Coupling (Wiremold #AL2417) .....	40.17	7.83
26 05 33 23-0350 EA External Coupling (Wiremold #AL2418) .....	43.28	7.83
26 05 33 23-0351 EA 4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H) .....	35.92	7.94
<b>26 05 33 23-0352 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300)</b>		
26 05 33 23-0353 LF 2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B) .....	21.91	4.76
<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0354 LF Aluminum Raceway Cover (Wiremold #AL3300CE) .....	6.68	0.53
26 05 33 23-0355 LF Raceway Divider (Wiremold #AL3300D) .....	5.49	4.76
26 05 33 23-0356 EA Wire Clips For Conductors (Wiremold #AL3300WC) .....	10.57	2.12
26 05 33 23-0357 EA Couplings (Wiremold #AL3301) .....	18.75	2.12
26 05 33 23-0358 EA Divider Coupling (Wiremold #AL3301D) .....	15.94	2.65
26 05 33 23-0359 EA Ground Clamp (Wiremold #AL3309) .....	10.63	2.12
26 05 33 23-0360 EA Blank End Fittings (Wiremold #AL3310B) .....	22.16	4.23
26 05 33 23-0361 EA End Fitting (Wiremold #AL3310B1) .....	35.19	10.06
26 05 33 23-0362 EA Flat 90 Degree Elbow (Wiremold #AL3311) .....	111.47	13.13
Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0363 EA Tee Fitting (Wiremold #AL3315) .....	127.52	16.41
Note: Includes three (3) AL3301 couplings.		
26 05 33 23-0364 EA Cross Fitting (Wiremold #AL3316) .....	144.77	16.41
Note: Includes four (4) AL3301 couplings.		
26 05 33 23-0365 EA Internal Elbow (Wiremold #AL3317) .....	105.02	10.06
Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0366 EA External Elbow (Wiremold #AL3318) .....	105.14	10.06
Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0367 EA Duplex Receptacle Cover (Wiremold #AL3346D) .....	23.07	3.18
26 05 33 23-0368 EA Single Receptacle Cover (Wiremold #AL3346E) .....	22.92	3.18
26 05 33 23-0369 EA GFCI/ Surge Receptacle Cover (Wiremold #AL3346G) .....	22.67	3.18
26 05 33 23-0370 EA Single Device Cover Plate (Wiremold #AL3356R) .....	22.81	2.65
<b>26 05 33 23-0371 5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200)</b>		
26 05 33 23-0372 LF 5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10) .....	26.35	4.76
<i>For Concrete Or Masonry Surface, Add</i>	0.51	
26 05 33 23-0373 LF Aluminum Raceway Cover (Wiremold #AL5200C) .....	10.99	0.53
26 05 33 23-0374 LF Divider (Wiremold #AL5200D) .....	6.41	0.53
26 05 33 23-0375 EA Wire Clips For Conductors (Wiremold #AL5200WC) .....	8.74	2.65
26 05 33 23-0376 EA Wire Clips For Conductors (Wiremold #AL5200WC2) .....	7.30	2.65
26 05 33 23-0377 EA Wire Clips For Conductors (Wiremold #AL5200WC3) .....	7.25	2.65
26 05 33 23-0378 EA Couplings (Wiremold #AL5201) .....	16.86	3.18
26 05 33 23-0379 EA Cover Clip (Wiremold #AL5206) .....	15.08	3.18
26 05 33 23-0380 EA Ground Adapter (Wiremold #AL5209) .....	18.66	3.18
26 05 33 23-0381 EA Blank End Fittings (Wiremold #AL5210B) .....	19.80	4.23
26 05 33 23-0382 EA Blank End Fittings (Wiremold #AL5210B1) .....	21.29	4.23
26 05 33 23-0383 EA Blank End Fittings (Wiremold #AL5210B2) .....	21.62	4.23
26 05 33 23-0384 EA Blank End Fittings (Wiremold #AL5210B3) .....	20.94	4.23
26 05 33 23-0385 EA Flat 90 Degree Elbow (Wiremold #AL5211) .....	110.53	13.24
Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386 EA Wall Box Connector (Wiremold #AL5214) .....	86.18	16.41



**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 23-0387	EA	Tee Fitting (Wiremold #AL5215).....		129.22	16.41
		Note: Includes three (3) pairs of AL5201 couplings.			
26 05 33 23-0388	EA	Four Way Fitting (Wiremold #AL5216).....		141.96	16.41
		Note: Includes four (4) pairs of AL5201 couplings.			
26 05 33 23-0389	EA	Internal Elbow (Wiremold #AL5217).....		114.39	16.41
		Note: Includes two (2) pairs of AL5201 couplings.			
26 05 33 23-0390	EA	Internal Corner Coupling (Wiremold #AL5217A).....		47.33	16.41
26 05 33 23-0391	EA	Inverted Internal Elbow (Wiremold #AL5217N).....		117.64	16.41
26 05 33 23-0392	EA	External Elbow (Wiremold #AL5218).....		115.40	16.41
		Note: Includes two (2) pairs of AL5201 couplings.			
26 05 33 23-0393	EA	Blank Device Cover Plate (Wiremold #AL5246B).....		24.79	3.18
26 05 33 23-0394	EA	Receptacle Device Cover Plate (Wiremold #AL5246D).....		29.45	3.18
26 05 33 23-0395	EA	Double Receptacle Device Cover Plate (Wiremold #AL5246DD).....		35.03	3.18
26 05 33 23-0396	EA	Device Cover Plate (Wiremold #AL5246F).....		32.83	3.18
26 05 33 23-0397	EA	Device Cover Plate (Wiremold #AL5246G).....		30.28	3.18
26 05 33 23-0398	EA	Offset Divider (Wiremold #AL5260).....		28.08	6.88
<b>26 05 33 23-0399</b>		<b>3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)</b>			
		<small>(26 05 33 23-0315)</small>			
26 05 33 23-0400	LF	Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10).....		23.39	4.76
26 05 33 23-0401	EA	Cover Clip (Wiremold #ALA3806).....		11.09	3.18
26 05 33 23-0402	EA	Blank End Fittings (Wiremold #ALA3810B).....		19.62	4.23
26 05 33 23-0403	EA	Entrance End Cap Fittings (Wiremold #ALA3810B1).....		21.13	4.23
26 05 33 23-0404	EA	Flat 90 Degree Elbow (Wiremold #ALA3811).....		109.39	13.24
		Note: Includes two (2) ALA01 couplings.			
26 05 33 23-0405	EA	Flat Tee Fitting (Wiremold #ALA3815).....		112.50	16.41
		Note: Includes three (3) ALA01 couplings.			
26 05 33 23-0406	EA	Internal Elbow (Wiremold #ALA3817).....		109.63	16.41
		Note: Includes two (2) ALA01 couplings.			
26 05 33 23-0407	EA	Inverted Internal Elbow (Wiremold #ALA3817N).....		129.44	16.41
		Note: Includes two (2) ALA01 couplings.			
26 05 33 23-0408	EA	External Elbow (Wiremold #ALA3818).....		111.10	16.41
		Note: Includes two (2) ALA01 couplings.			
<b>26 05 33 23-0409</b>		<b>6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)</b>			
		<small>(26 05 33 23-0315)</small>			
26 05 33 23-0410	LF	Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10).....		39.01	4.76
26 05 33 23-0411	EA	Cover Clip (Wiremold #ALA4806).....		16.58	3.18
26 05 33 23-0412	EA	Blank End Fittings (Wiremold #ALA4810B).....		21.68	4.23
26 05 33 23-0413	EA	Entrance End Cap Fittings (Wiremold #ALA4810B2).....		24.29	4.23
26 05 33 23-0414	EA	Flat 90 Degree Elbow (Wiremold #ALA4811).....		145.80	13.24
		Note: Includes four (4) ALA01 couplings.			
26 05 33 23-0415	EA	Flat Tee Fitting (Wiremold #ALA4815).....		200.11	16.41
		Note: Includes six (6) ALA01 couplings.			
26 05 33 23-0416	EA	Internal Elbow (Wiremold #ALA4817).....		133.40	16.41
		Note: Includes four (4) ALA01 couplings.			
26 05 33 23-0417	EA	Inverted Internal Elbow (Wiremold #ALA4817N).....		157.98	16.41
		Note: Includes four (4) ALA01 couplings.			
26 05 33 23-0418	EA	External Elbow (Wiremold #ALA4818).....		140.32	16.41
		Note: Includes four (4) ALA01 couplings.			
<b>26 05 33 23-0419</b>		<b>Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800)</b>			
		<small>(26 05 33 23-0315)</small>			
		See CSI section 26 27 26 00-0010 for receptacles.			
26 05 33 23-0420	LF	3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5).....		8.43	0.53
		Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.			
26 05 33 23-0421	EA	Wire Clips (Wiremold #ALAWC).....		7.40	2.65
26 05 33 23-0422	EA	Slide Couplings (Wiremold #ALA01).....		18.27	3.18
26 05 33 23-0423	EA	Grounding Adapter (Wiremold #ALA09).....		15.38	3.18
26 05 33 23-0424	EA	Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI).....		41.75	13.24
26 05 33 23-0425	EA	Internal Corner Coupling (Wiremold #ALA17A).....		49.62	16.41
26 05 33 23-0426	EA	Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI).....		46.95	13.24
26 05 33 23-0427	EA	Blank Cover Plate (Wiremold #ALA-BL).....		20.34	3.18
26 05 33 23-0428	EA	Duplex Receptacle Cover Plate (Wiremold #ALA-DR).....		21.76	3.18
26 05 33 23-0429	EA	Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E).....		22.70	3.18
26 05 33 23-0430	EA	Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F).....		22.28	3.18
26 05 33 23-0431	EA	GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G).....		21.95	3.18
26 05 33 23-0432	EA	Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J).....		22.71	3.18
26 05 33 23-0433	EA	Toggle Switch Cover Plate (Wiremold #ALA-N).....		23.33	3.18
26 05 33 23-0434	EA	Active LPB Cover Plate (Wiremold #ALA-LPB).....		30.21	3.18
26 05 33 23-0435	EA	Active MAB Cover Plate (Wiremold #ALA-MAB).....		28.33	3.18
26 05 33 23-0436	EA	Ortronics Cover Plate (Wiremold #ALA-MABRT).....		32.82	3.18
26 05 33 23-0437	EA	1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG).....		21.27	3.18
26 05 33 23-0438	EA	Active 2A Cover Plate (Wiremold #ALA-2A).....		31.67	3.18
26 05 33 23-0439	EA	Ortronics Communications Cover Plate (Wiremold #ALA-ABRT).....		28.89	3.18
26 05 33 23-0440	EA	3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z).....		23.27	3.18
26 05 33 23-0441	EA	Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2).....		29.16	3.18





	MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0442		<b>Surface Non-Metallic Raceways</b> (26 05 33 23-0001) Note: Exposed on flat wall surface.		
26 05 33 23-0443		<b>One Piece Surface Non-Metallic Raceways</b> (26 05 33 23-0442) Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444		<b>7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400)</b> (26 05 33 23-0443)		
26 05 33 23-0445	LF	7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC).....	6.26	2.12
		<i>For Concrete Or Masonry Surface, Add</i> .....	0.21	
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC).....	4.66	2.12
26 05 33 23-0447	EA	Cover Clip (Wiremold #406).....	4.93	2.12
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B).....	9.47	4.23
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411).....	11.15	4.23
26 05 33 23-0450	EA	Tee (Wiremold #415).....	14.04	5.29
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417).....	10.94	4.23
26 05 33 23-0452	EA	External Elbow (Wiremold #418).....	10.94	4.23
26 05 33 23-0453		<b>1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800)</b> (26 05 33 23-0443)		
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC).....	7.00	2.12
		<i>For Concrete Or Masonry Surface, Add</i> .....	0.21	
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC).....	4.69	2.12
26 05 33 23-0456	EA	Cover Clip (Wiremold #806).....	4.79	2.12
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2).....	14.63	4.23
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B).....	9.47	4.23
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811).....	10.96	4.23
26 05 33 23-0460	EA	Tee (Wiremold #815).....	13.77	5.29
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817).....	10.74	4.23
26 05 33 23-0462	EA	External Elbow (Wiremold #818).....	10.74	4.23
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A).....	12.15	4.23
26 05 33 23-0464		<b>2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300)</b> (26 05 33 23-0443)		
26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC).....	8.09	2.12
		<i>For Concrete Or Masonry Surface, Add</i> .....	0.21	
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD).....	8.62	2.12
		<i>For Concrete Or Masonry Surface, Add</i> .....	0.21	
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC).....	4.92	2.12
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306).....	5.19	2.12
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A).....	15.93	4.23
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B).....	9.98	4.23
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO).....	17.96	4.23
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311).....	11.18	4.23
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO).....	12.04	4.23
26 05 33 23-0474	EA	Tee (Wiremold #2315).....	13.90	5.29
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317).....	11.18	4.23
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO).....	12.05	4.23
26 05 33 23-0477	EA	External Elbow (Wiremold #2318).....	11.20	4.23
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO).....	12.21	4.23
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389).....	12.22	4.23
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A).....	12.77	4.23
26 05 33 23-0481		<b>One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300)</b> (26 05 33 23-0443)		
26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336).....	13.67	3.71
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A).....	22.57	4.23
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233).....	22.69	4.23
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344).....	20.45	4.23
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2).....	23.75	4.23
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D).....	22.31	4.23
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A).....	24.26	4.23
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347).....	20.21	6.88
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2).....	23.12	6.88
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348).....	21.06	6.88
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2).....	25.44	6.88
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3).....	30.52	6.88
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP).....	28.90	6.88
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D).....	26.13	6.88
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51).....	19.78	6.88
26 05 33 23-0497		<b>3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700)</b> (26 05 33 23-0443)		
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700).....	5.73	2.12
		<i>For Concrete Or Masonry Surface, Add</i> .....	0.21	
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC).....	2.44	1.06
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706).....	3.71	1.06

**26 Electrical****26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0501	EA		Blank End (Wiremold #2710B).....	5.81	2.12
26 05 33 23-0502	EA		Flat 90 Degree Elbow (Wiremold #2711).....	6.91	2.65
26 05 33 23-0503	EA		Tee (Wiremold #2715).....	11.16	4.76
26 05 33 23-0504	EA		Internal Elbow (Wiremold #2717).....	7.98	3.18
26 05 33 23-0505	EA		External Elbow (Wiremold #2718).....	7.97	3.18
26 05 33 23-0506	EA		Drop Ceiling Connector (Wiremold #2786).....	9.40	3.71
<b>26 05 33 23-0507</b>			<b>1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800)</b> (26 05 33 23-0443)		
26 05 33 23-0508	LF		1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800).....	7.36	2.65
			<i>For Concrete Or Masonry Surface, Add</i>	0.26	
26 05 33 23-0509	EA		1" Wire Clip (Wiremold #2800WC).....	3.63	1.58
26 05 33 23-0510	EA		Cover Clip (Wiremold #2806).....	4.86	1.58
26 05 33 23-0511	EA		Blank End (Wiremold #2810B).....	6.97	2.65
26 05 33 23-0512	EA		Flat 90 Degree Elbow (Wiremold #2811).....	9.16	3.71
26 05 33 23-0513	EA		Radiused Flat 90 Degree Elbow (Wiremold #2811FO).....	9.77	3.71
26 05 33 23-0514	EA		Tee (Wiremold #2815).....	13.40	5.83
26 05 33 23-0515	EA		Internal Elbow (Wiremold #2817).....	10.20	4.23
26 05 33 23-0516	EA		External Elbow (Wiremold #2818).....	10.22	4.23
26 05 33 23-0517	EA		Radiused Tee (Wiremold #2815FO).....	14.22	5.83
26 05 33 23-0518	EA		Radiused Internal Elbow (Wiremold #2817FO).....	10.93	4.23
26 05 33 23-0519	EA		Radiused External Elbow (Wiremold #2818FO).....	10.83	4.23
26 05 33 23-0520	EA		Drop Ceiling Connector (Wiremold #2886).....	11.51	4.76
26 05 33 23-0521	EA		Reducer, #2800 To #2700 (Wiremold #2889).....	10.37	4.23
<b>26 05 33 23-0522</b>			<b>1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900)</b> (26 05 33 23-0443)		
26 05 33 23-0523	LF		1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900).....	8.96	3.18
			<i>For Concrete Or Masonry Surface, Add</i>	0.32	
26 05 33 23-0524	EA		1-1/2" Wire Clip (Wiremold #2900WC).....	4.78	2.12
26 05 33 23-0525	EA		Cover Clip (Wiremold #2906).....	6.04	2.12
26 05 33 23-0526	EA		Blank End (Wiremold #2910B).....	8.17	3.18
26 05 33 23-0527	EA		Flat 90 Degree Elbow (Wiremold #2911).....	10.29	4.23
26 05 33 23-0528	EA		Radiused Flat 90 Degree Elbow (Wiremold #2911FO).....	11.24	4.23
26 05 33 23-0529	EA		Tee (Wiremold #2915).....	14.52	6.36
26 05 33 23-0530	EA		Radiused Tee (Wiremold #2915FO).....	15.50	6.36
26 05 33 23-0531	EA		Internal Elbow (Wiremold #2917).....	11.35	4.76
26 05 33 23-0532	EA		Radiused Internal Elbow (Wiremold #2917FO).....	12.34	4.76
26 05 33 23-0533	EA		External Elbow (Wiremold #2918).....	11.34	4.76
26 05 33 23-0534	EA		Radiused External Elbow (Wiremold #2918FO).....	12.62	4.76
26 05 33 23-0535	EA		Drop Ceiling Connector (Wiremold #2986).....	11.51	4.76
26 05 33 23-0536	EA		Reducer, #2900 To #2800 (Wiremold #2989).....	12.79	5.29
26 05 33 23-0537	EA		Reducer, #2900 To #2700 (Wiremold #2989A).....	12.46	5.29
<b>26 05 33 23-0538</b>			<b>Two Piece Surface Non-Metallic Raceways</b> (26 05 33 23-0442)		
			Note: Exposed on flat wall surface. (Wiremold or approved equal).		
<b>26 05 33 23-0539</b>			<b>5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500)</b> (26 05 33 23-0538)		
26 05 33 23-0540	LF		5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B).....	13.80	4.76
			<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0541	LF		Black, Gray Or White, Cover (Wiremold #5000C).....	13.15	4.76
26 05 33 23-0542	LF		Oak Veneer, Cover (Wiremold #5000COA).....	24.23	4.76
26 05 33 23-0543	LF		Maple Wood Veneer, Cover (Wiremold #5000CW).....	19.85	4.76
26 05 33 23-0544	LF		Black, Gray Or White, Quarter Round Trim (Wiremold #5000T).....	1.85	0.53
26 05 33 23-0545	LF		Oak Veneer, Quarter Round Trim (Wiremold #5000TOA).....	7.40	0.53
26 05 33 23-0546	LF		Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW).....	4.62	0.53
26 05 33 23-0547	EA		Base Coupling (Wiremold #5001).....	12.84	5.29
26 05 33 23-0548	EA		Blank/Coax Adapter (Wiremold #5004).....	7.16	2.65
26 05 33 23-0549	EA		Low Voltage Blank Plate (Wiremold #5005).....	9.53	3.18
26 05 33 23-0550	EA		Cover Clip (Wiremold #5006).....	13.77	5.29
26 05 33 23-0551	EA		Internal Wire Guard (Wiremold #5006A).....	12.92	5.29
26 05 33 23-0552	EA		Device Bracket (Wiremold #5007C).....	14.66	5.29
26 05 33 23-0553	EA		Device Plate (Wiremold #5007C-1).....	26.68	10.59
26 05 33 23-0554	EA		Deep Device Plate (Wiremold #5007C-2).....	27.57	10.59
26 05 33 23-0555	EA		Right Or Left End Cap (Wiremold #5010).....	23.37	10.06
26 05 33 23-0556	EA		Entrance End Feed (Wiremold #5010A).....	44.89	16.41
26 05 33 23-0557	EA		Internal Base Elbow (Wiremold #5017B).....	31.41	13.24
26 05 33 23-0558	EA		Internal Cover Elbow (Wiremold #5017C).....	28.17	10.59
26 05 33 23-0559	EA		Internal Elbow Wire Guard (Wiremold #5017WG).....	19.38	7.94
26 05 33 23-0560	EA		External Base Elbow (Wiremold #5018B).....	31.35	13.24
26 05 33 23-0561	EA		External Cover Elbow (Wiremold #5018C).....	28.41	10.59
26 05 33 23-0562	EA		External Elbow Wire Guard (Wiremold #5018WG).....	12.69	5.29
<b>26 05 33 23-0563</b>			<b>5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400)</b> (26 05 33 23-0538)		
26 05 33 23-0564	LF		5-1/4" x 1-11/16", Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB).....	15.07	4.76
			<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0565	LF		Full Width Cover (Wiremold #5400C).....	5.13	0.53



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0566	LF			Twin Snap Cover (Wiremold #5400TC).....	3.32	0.53
26 05 33 23-0567	EA			Twin Snap Cover Wire Clips (Wiremold #5400TWC) .....	5.88	2.65
26 05 33 23-0568	EA			Cover Clip (Wiremold #5406A) .....	9.81	3.18
26 05 33 23-0569	EA			Twin Cover Clip (Wiremold #5406T).....	8.31	3.18
26 05 33 23-0570	EA			Base Seam Clip (Wiremold #5406TB).....	7.47	3.18
26 05 33 23-0571	EA			L Or R (Left Or Right) Transition Fitting (Wiremold #5408).....	55.69	16.41
26 05 33 23-0572	EA			End Cap (Wiremold #5410) .....	27.46	10.06
26 05 33 23-0573	EA			Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO) .....	53.52	16.41
26 05 33 23-0574	EA			Radiused Flat 90 Degree Elbow (Wiremold #5411FO).....	48.65	13.24
26 05 33 23-0575	EA			Tee Fitting (Wiremold #5415) .....	56.21	16.41
26 05 33 23-0576	EA			Radiused Tee Fitting (Wiremold #5415FO) .....	58.79	16.41
26 05 33 23-0577	EA			Radiused Internal Elbow (Wiremold #5417FO).....	46.77	16.41
26 05 33 23-0578	EA			External Elbow (Wiremold #5418) .....	47.42	16.41
26 05 33 23-0579	EA			Radiused External Elbow (Wiremold #5418FO) .....	48.01	16.41
26 05 33 23-0580	EA			5-5/32" x 6" Device Bracket (Wiremold #5450).....	22.39	5.29
26 05 33 23-0581	EA			7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3).....	29.41	5.29
26 05 33 23-0582	EA			2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T).....	17.20	5.29
26 05 33 23-0583	EA			Transition Fitting (Wiremold #5474).....	49.22	16.41
<b>26 05 33 23-0584</b>				<b>6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500)</b> <small>(26 05 33 23-0538)</small>		
26 05 33 23-0585	LF			6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3) .....	18.75	4.76
				<i>For Concrete Or Masonry Surface, Add</i>	<i>0.48</i>	
26 05 33 23-0586	LF			Cover (Wiremold #5500C).....	6.72	0.53
26 05 33 23-0587	EA			Wire Clips (Wiremold #5500WC).....	6.82	2.65
26 05 33 23-0588	EA			Cover Clip (Wiremold #5506).....	10.99	3.18
26 05 33 23-0589	EA			Base Seam Clip Fitting (Wiremold #5506B) .....	7.86	3.18
26 05 33 23-0590	EA			Modular Furniture Adapter (Wiremold #5507AD).....	10.26	3.18
26 05 33 23-0591	EA			Blank Faceplate (Wiremold #5507B) .....	10.30	3.18
26 05 33 23-0592	EA			Duplex Receptacle Faceplate (Wiremold #5507D).....	10.36	3.18
26 05 33 23-0593	EA			Dual RJ Connector Faceplate (Wiremold #5507FRJ).....	10.36	3.18
26 05 33 23-0594	EA			Rectangular Receptacle Faceplate (Wiremold #5507R).....	10.25	3.18
26 05 33 23-0595	EA			Dual RJ Connector Faceplate (Wiremold #5507RJ).....	10.28	3.18
26 05 33 23-0596	EA			Rectangular Spacer Fitting (Wiremold #5507S).....	10.20	3.18
26 05 33 23-0597	EA			Switch Faceplate (Wiremold #5507SW) .....	10.22	3.18
26 05 33 23-0598	EA			Twistlock Faceplate (Wiremold #5507T1).....	10.30	3.18
26 05 33 23-0599	EA			Single Receptacle Faceplate (Wiremold #5507T2).....	10.09	3.18
26 05 33 23-0600	EA			6-5/8" x 6" Device Bracket (Wiremold #5550).....	26.69	5.29
26 05 33 23-0601	EA			9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4) .....	35.75	5.29
26 05 33 23-0602	EA			End Cap (Wiremold #5510) .....	29.74	10.06
26 05 33 23-0603	EA			Entrance End Fitting (Wiremold #5510D) .....	60.78	16.41
26 05 33 23-0604	EA			Radiused Flat 90 Degree Elbow (Wiremold #5511FO).....	55.34	13.24
26 05 33 23-0605	EA			Backfeed Connector (Wiremold #5514A) .....	44.64	13.24
26 05 33 23-0606	EA			Tee Fitting (Wiremold #5515) .....	63.81	16.41
26 05 33 23-0607	EA			Radiused Internal Elbow (Wiremold #5517FO).....	51.42	16.41
26 05 33 23-0608	EA			External Elbow (Wiremold #5518) .....	52.65	16.41
26 05 33 23-0609	EA			Radiused External Elbow (Wiremold #5518FO) .....	55.27	16.41
26 05 33 23-0610	EA			Transition Fitting (Wiremold #5574).....	50.17	16.41
26 05 33 23-0611	EA			Transition Fitting (Wiremold #5574A) .....	67.11	16.41
<b>26 05 33 23-0612</b>				<b>Surface Cable Protection System</b> <small>(26 05 33 23)</small>		
26 05 33 23-0613	EA			35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy-Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-3).....	637.65	
				Note: Modular interlocking design with hinged lid.		
26 05 33 23-0614	EA			35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy-Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-5).....	480.39	
				Note: Modular interlocking design with hinged lid.		
<b>26 05 36</b>				<b>Cable Trays for Electrical Systems</b> <small>(26 05)</small>		
26 05 36 00-0001				Cable Trays <small>(26 05 36)</small>		
				Note: Excludes supporting hangers.		
26 05 36 00-0002				Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0001)</small>		
26 05 36 00-0003				4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0002)</small>		
26 05 36 00-0004				4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0005	LF			6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	41.86	11.13
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.26	
26 05 36 00-0006	LF			9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	45.27	11.94
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.54	
26 05 36 00-0007	LF			12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	49.51	12.87
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-3.88	
26 05 36 00-0008	LF			18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	55.29	13.67
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-4.39	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-0009	LF	24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.91		14.14
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.92		
26 05 36 00-0010	LF	30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	74.42		16.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-6.09		
26 05 36 00-0011	LF	36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	83.43		18.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-6.79		
<b>26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>					
26 05 36 00-0013	LF	6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.38		10.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.03		
26 05 36 00-0014	LF	9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.66		11.59
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.30		
26 05 36 00-0015	LF	12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	45.48		12.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.50		
26 05 36 00-0016	LF	18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	50.00		13.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.89		
26 05 36 00-0017	LF	24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	54.04		13.79
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.26		
26 05 36 00-0018	LF	30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	63.59		15.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-5.04		
26 05 36 00-0019	LF	36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	69.47		17.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-5.50		
<b>26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>					
26 05 36 00-0021	LF	6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.90		10.77
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.90		
26 05 36 00-0022	LF	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.01		11.13
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.97		
26 05 36 00-0023	LF	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	43.10		11.82
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.33		
26 05 36 00-0024	LF	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	47.31		12.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.69		
26 05 36 00-0025	LF	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.44		12.75
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.08		
26 05 36 00-0026	LF	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	56.10		13.91
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.46		
26 05 36 00-0027	LF	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	60.23		15.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.77		
<b>26 05 36 00-0028 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>					
26 05 36 00-0029	LF	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.79		10.31
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.82		
26 05 36 00-0030	LF	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	37.56		10.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.88		
26 05 36 00-0031	LF	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.78		11.13
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.05		
26 05 36 00-0032	LF	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	42.16		11.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.24		
26 05 36 00-0033	LF	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.04		11.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.43		
26 05 36 00-0034	LF	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	48.73		12.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.82		
26 05 36 00-0035	LF	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	51.34		13.21
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-4.03		
<b>26 05 36 00-0036 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-0003)</small>					
26 05 36 00-0037	LF	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.31		10.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.79		
26 05 36 00-0038	LF	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	36.93		10.31
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-2.83		
26 05 36 00-0039	LF	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	39.16		10.90
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.01		
26 05 36 00-0040	LF	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.13		11.36
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.16		
26 05 36 00-0041	LF	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	41.83		11.48
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.23		
26 05 36 00-0042	LF	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	44.42		12.29
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.41		
26 05 36 00-0043	LF	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray	46.31		12.98
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-3.55		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0044    4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0045    12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0046    EA    6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	319.68	116.25
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-22.28	
26 05 36 00-0047    EA    9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	356.67	132.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-24.63	
26 05 36 00-0048    EA    12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	391.89	146.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-26.99	
26 05 36 00-0049    EA    18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	491.02	179.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-34.15	
26 05 36 00-0050    EA    24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	559.29	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-38.76	
26 05 36 00-0051    EA    30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	670.32	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-47.72	
26 05 36 00-0052    EA    36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	773.55	264.95
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-55.28	
26 05 36 00-0053    24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0054    EA    6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	461.49	120.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-36.07	
26 05 36 00-0055    EA    9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	499.61	138.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-38.38	
26 05 36 00-0056    EA    12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	535.55	154.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-40.68	
26 05 36 00-0057    EA    18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	619.80	191.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-45.99	
26 05 36 00-0058    EA    24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	692.99	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-50.75	
26 05 36 00-0059    EA    30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	771.13	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-56.06	
26 05 36 00-0060    EA    36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	903.78	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-65.99	
26 05 36 00-0061    36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0062    EA    6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	498.56	126.33
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-39.33	
26 05 36 00-0063    EA    9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	547.68	146.27
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-42.58	
26 05 36 00-0064    EA    12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	590.82	163.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-45.44	
26 05 36 00-0065    EA    18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	707.28	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-53.56	
26 05 36 00-0066    EA    24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	802.97	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-60.15	
26 05 36 00-0067    EA    30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	943.58	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-71.18	
26 05 36 00-0068    EA    36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,068.62	326.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct .....	-79.63	
26 05 36 00-0069    12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0070	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	238.37	84.26
			<i>For 60 Degree Bend, Deduct</i>	-46.37	
			<i>For 30 Degree Bend, Deduct</i>	-81.97	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.82	
26 05 36 00-0071	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	270.36	101.06
			<i>For 60 Degree Bend, Deduct</i>	-50.49	
			<i>For 30 Degree Bend, Deduct</i>	-89.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.62	
26 05 36 00-0072	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	299.17	115.91
			<i>For 60 Degree Bend, Deduct</i>	-54.29	
			<i>For 30 Degree Bend, Deduct</i>	-96.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.26	
26 05 36 00-0073	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	356.10	146.50
			<i>For 60 Degree Bend, Deduct</i>	-61.37	
			<i>For 30 Degree Bend, Deduct</i>	-110.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.40	
26 05 36 00-0074	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.02	179.41
			<i>For 60 Degree Bend, Deduct</i>	-77.42	
			<i>For 30 Degree Bend, Deduct</i>	-139.00	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.35	
26 05 36 00-0075	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	527.30	205.96
			<i>For 60 Degree Bend, Deduct</i>	-95.05	
			<i>For 30 Degree Bend, Deduct</i>	-169.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.56	
26 05 36 00-0076	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	594.99	241.78
			<i>For 60 Degree Bend, Deduct</i>	-103.66	
			<i>For 30 Degree Bend, Deduct</i>	-186.19	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.35	
26 05 36 00-0077			<b>24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0078	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.79	86.93
			<i>For 60 Degree Bend, Deduct</i>	-55.40	
			<i>For 30 Degree Bend, Deduct</i>	-97.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.64	
26 05 36 00-0079	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	306.65	104.77
			<i>For 60 Degree Bend, Deduct</i>	-61.02	
			<i>For 30 Degree Bend, Deduct</i>	-107.53	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.93	
26 05 36 00-0080	EA		12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	349.64	121.00
			<i>For 60 Degree Bend, Deduct</i>	-69.00	
			<i>For 30 Degree Bend, Deduct</i>	-121.72	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.88	
26 05 36 00-0081	EA		18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.56	154.50
			<i>For 60 Degree Bend, Deduct</i>	-75.91	
			<i>For 30 Degree Bend, Deduct</i>	-135.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.08	
26 05 36 00-0082	EA		24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	503.81	191.93
			<i>For 60 Degree Bend, Deduct</i>	-92.70	
			<i>For 30 Degree Bend, Deduct</i>	-165.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.39	
26 05 36 00-0083	EA		30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	590.99	222.65
			<i>For 60 Degree Bend, Deduct</i>	-109.69	
			<i>For 30 Degree Bend, Deduct</i>	-195.19	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.55	
26 05 36 00-0084	EA		36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	693.68	265.07
			<i>For 60 Degree Bend, Deduct</i>	-127.32	
			<i>For 30 Degree Bend, Deduct</i>	-226.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.28	
26 05 36 00-0085			<b>36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0086	EA		6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	327.43	89.71
			<i>For 60 Degree Bend, Deduct</i>	-73.68	
			<i>For 30 Degree Bend, Deduct</i>	-127.78	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.27	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0087 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	369.54	108.95
<i>For 60 Degree Bend, Deduct</i>	-80.19	
<i>For 30 Degree Bend, Deduct</i>	-139.70	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.88	
26 05 36 00-0088 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	402.73	126.45
<i>For 60 Degree Bend, Deduct</i>	-84.43	
<i>For 30 Degree Bend, Deduct</i>	-147.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.74	
26 05 36 00-0089 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	480.82	163.66
<i>For 60 Degree Bend, Deduct</i>	-95.92	
<i>For 30 Degree Bend, Deduct</i>	-168.96	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.44	
26 05 36 00-0090 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	563.29	205.96
<i>For 60 Degree Bend, Deduct</i>	-106.92	
<i>For 30 Degree Bend, Deduct</i>	-189.65	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.16	
26 05 36 00-0091 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	686.98	241.78
<i>For 60 Degree Bend, Deduct</i>	-134.01	
<i>For 30 Degree Bend, Deduct</i>	-236.79	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.55	
26 05 36 00-0092 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	803.79	292.66
<i>For 60 Degree Bend, Deduct</i>	-153.05	
<i>For 30 Degree Bend, Deduct</i>	-271.35	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.99	
<b>26 05 36 00-0093 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>		
26 05 36 00-0094 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	348.53	115.91
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.19	
26 05 36 00-0095 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	379.60	132.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.93	
26 05 36 00-0096 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	408.17	146.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.62	
26 05 36 00-0097 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	470.45	179.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.09	
26 05 36 00-0098 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	521.87	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.02	
26 05 36 00-0099 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	579.18	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.60	
26 05 36 00-0100 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	641.02	264.61
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.05	
<b>26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>		
26 05 36 00-0102 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	421.14	120.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.04	
26 05 36 00-0103 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	456.79	139.08
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.09	
26 05 36 00-0104 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	491.48	154.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.27	
26 05 36 00-0105 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	566.23	191.93
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.63	
26 05 36 00-0106 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	629.92	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.44	
26 05 36 00-0107 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	694.35	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.38	
26 05 36 00-0108 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	794.93	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.10	
<b>26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0110	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	506.99	126.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-40.17	
26 05 36 00-0111	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	551.02	146.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-42.91	
26 05 36 00-0112	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	583.53	163.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-44.71	
26 05 36 00-0113	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	679.00	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-50.73	
26 05 36 00-0114	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	742.26	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-54.08	
26 05 36 00-0115	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	849.30	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-61.75	
26 05 36 00-0116	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	955.34	326.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-68.30	
<b>26 05 36 00-0117</b>			<b>12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0118	EA		6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	619.85	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-43.43	
26 05 36 00-0119	EA		9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	670.41	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-46.89	
26 05 36 00-0120	EA		12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	703.43	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-49.29	
26 05 36 00-0121	EA		18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	786.73	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-55.49	
26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	893.50	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-63.62	
26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	998.79	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-72.60	
26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,130.35	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-82.14	
<b>26 05 36 00-0125</b>			<b>24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	792.97	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-59.15	
26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	850.24	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-62.94	
26 05 36 00-0128	EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	887.01	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-65.52	
26 05 36 00-0129	EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	971.49	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-71.42	
26 05 36 00-0130	EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,077.20	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-78.74	
26 05 36 00-0131	EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,160.07	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-85.12	
26 05 36 00-0132	EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,408.21	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-105.14	
<b>26 05 36 00-0133</b>			<b>36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0134	EA		6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,024.80	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-80.40	
26 05 36 00-0135	EA		9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,093.19	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-84.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0136 EA 12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,160.91	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.36	
26 05 36 00-0137 EA 18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,274.04	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.43	
26 05 36 00-0138 EA 24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,445.21	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.44	
26 05 36 00-0139 EA 30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,567.91	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.11	
26 05 36 00-0140 EA 36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,759.69	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-133.85	
<b>26 05 36 00-0141 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0142 EA 6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	766.71	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.51	
26 05 36 00-0143 EA 9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	783.95	214.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.55	
26 05 36 00-0144 EA 12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	801.84	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.63	
26 05 36 00-0145 EA 18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	841.25	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.98	
26 05 36 00-0146 EA 24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	866.84	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.63	
26 05 36 00-0147 EA 30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	939.00	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.72	
26 05 36 00-0148 EA 36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,008.63	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.13	
<b>26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0150 EA 6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,136.10	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.06	
26 05 36 00-0151 EA 9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,162.57	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.94	
26 05 36 00-0152 EA 12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,190.37	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.89	
26 05 36 00-0153 EA 18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,251.36	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.05	
26 05 36 00-0154 EA 24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,295.55	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.37	
26 05 36 00-0155 EA 30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,368.89	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.16	
26 05 36 00-0156 EA 36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,470.88	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.11	
<b>26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0158 EA 6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,832.90	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-163.14	
26 05 36 00-0159 EA 9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,869.63	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-165.91	
26 05 36 00-0160 EA 12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,908.74	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-168.79	
26 05 36 00-0161 EA 18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,973.42	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-172.95	
26 05 36 00-0162 EA 24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,018.85	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-176.15	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 36 00-0163	EA	30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,139.41		347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-184.97		
26 05 36 00-0164	EA	36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,240.01		396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-190.92		
<b>26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>					
26 05 36 00-0166	EA	6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	771.87		278.17
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.01		
26 05 36 00-0167	EA	9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	810.93		292.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.70		
26 05 36 00-0168	EA	12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	867.50		308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.02		
26 05 36 00-0169	EA	18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	931.94		327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.91		
26 05 36 00-0170	EA	24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,048.65		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.97		
26 05 36 00-0171	EA	30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,177.80		396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.70		
26 05 36 00-0172	EA	36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,289.36		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.25		
<b>26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>					
26 05 36 00-0174	EA	6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,112.63		308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.53		
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,162.21		327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.94		
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,214.62		347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.49		
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,293.77		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.49		
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,434.21		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.74		
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,541.49		463.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.51		
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,733.69		505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.25		
<b>26 05 36 00-0181 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)</b>					
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,415.17		347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.54		
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,490.61		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.17		
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,571.48		396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.07		
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,716.47		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-135.96		
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,956.53		505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-153.54		
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,132.81		555.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-166.99		
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,331.08		618.69
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-181.55		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-0189</b> <b>12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0190 EA 6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	910.59	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.88	
26 05 36 00-0191 EA 9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	956.50	292.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.25	
26 05 36 00-0192 EA 12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,026.19	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.89	
26 05 36 00-0193 EA 18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,105.96	327.55
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.30	
26 05 36 00-0194 EA 24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,242.52	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-93.36	
26 05 36 00-0195 EA 30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,410.41	397.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-107.95	
26 05 36 00-0196 EA 36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,547.55	427.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-119.11	
<b>26 05 36 00-0197</b> <b>24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0198 EA 6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,381.71	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.44	
26 05 36 00-0199 EA 9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,439.64	327.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-116.68	
26 05 36 00-0200 EA 12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,500.41	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-121.07	
26 05 36 00-0201 EA 18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,597.95	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-128.90	
26 05 36 00-0202 EA 24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,758.44	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-140.16	
26 05 36 00-0203 EA 30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,887.45	463.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-150.11	
26 05 36 00-0204 EA 36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,134.81	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-171.36	
<b>26 05 36 00-0205</b> <b>36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0044)</small>		
26 05 36 00-0206 EA 6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,791.22	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-150.15	
26 05 36 00-0207 EA 9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,883.37	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-157.45	
26 05 36 00-0208 EA 12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,980.95	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-165.02	
26 05 36 00-0209 EA 18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,167.73	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-181.09	
26 05 36 00-0210 EA 24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,457.93	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-203.68	
26 05 36 00-0211 EA 30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,675.98	555.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-221.31	
26 05 36 00-0212 EA 36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,916.03	618.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-240.04	
<b>26 05 36 00-0213</b> <b>6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0214</b> <b>12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0215 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	301.68	116.25
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-20.48	
26 05 36 00-0216 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	337.24	132.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-22.69	
26 05 36 00-0217 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	370.75	146.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-24.88	
26 05 36 00-0218 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	463.59	179.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-31.41	
26 05 36 00-0219 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	528.44	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-35.68	
26 05 36 00-0220 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	629.75	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-43.66	
26 05 36 00-0221 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	726.12	264.95
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-50.53	
<b>26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0223 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	424.35	120.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-32.36	
26 05 36 00-0224 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	461.33	138.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-34.55	
26 05 36 00-0225 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	495.84	154.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-36.71	
26 05 36 00-0226 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	576.94	191.93
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-41.70	
26 05 36 00-0227 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	646.99	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-46.15	
26 05 36 00-0228 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	721.14	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-51.06	
26 05 36 00-0229 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	844.36	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-60.05	
<b>26 05 36 00-0230 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0231 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	457.42	126.33
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-35.21	
26 05 36 00-0232 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	504.25	146.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-38.24	
26 05 36 00-0233 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	545.39	163.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-40.90	
26 05 36 00-0234 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	655.29	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-48.36	
26 05 36 00-0235 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	745.83	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-54.43	
26 05 36 00-0236 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	875.01	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-64.32	
26 05 36 00-0237 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	993.77	326.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-72.14	
<b>26 05 36 00-0238 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0239 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	224.37	84.26
<i>For 60 Degree Bend, Deduct</i> .....	-41.75	
<i>For 30 Degree Bend, Deduct</i> .....	-74.27	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-15.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0240 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	255.79	101.06
<i>For 60 Degree Bend, Deduct</i>	-45.69	
<i>For 30 Degree Bend, Deduct</i>	-81.76	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.16	
26 05 36 00-0241 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	284.03	115.91
<i>For 60 Degree Bend, Deduct</i>	-49.30	
<i>For 30 Degree Bend, Deduct</i>	-88.60	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.74	
26 05 36 00-0242 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	340.10	146.50
<i>For 60 Degree Bend, Deduct</i>	-56.09	
<i>For 30 Degree Bend, Deduct</i>	-101.62	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.80	
26 05 36 00-0243 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	422.45	179.41
<i>For 60 Degree Bend, Deduct</i>	-70.63	
<i>For 30 Degree Bend, Deduct</i>	-127.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.29	
26 05 36 00-0244 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	501.01	205.96
<i>For 60 Degree Bend, Deduct</i>	-86.37	
<i>For 30 Degree Bend, Deduct</i>	-155.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.94	
26 05 36 00-0245 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	567.56	241.78
<i>For 60 Degree Bend, Deduct</i>	-94.60	
<i>For 30 Degree Bend, Deduct</i>	-171.11	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.61	
<b>26 05 36 00-0246 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0247 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	251.08	86.93
<i>For 60 Degree Bend, Deduct</i>	-49.55	
<i>For 30 Degree Bend, Deduct</i>	-87.41	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.87	
26 05 36 00-0248 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	287.79	104.77
<i>For 60 Degree Bend, Deduct</i>	-54.80	
<i>For 30 Degree Bend, Deduct</i>	-97.15	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.05	
26 05 36 00-0249 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	328.50	121.00
<i>For 60 Degree Bend, Deduct</i>	-62.03	
<i>For 30 Degree Bend, Deduct</i>	-110.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.77	
26 05 36 00-0250 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	387.85	154.50
<i>For 60 Degree Bend, Deduct</i>	-68.75	
<i>For 30 Degree Bend, Deduct</i>	-123.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.91	
26 05 36 00-0251 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	477.52	191.93
<i>For 60 Degree Bend, Deduct</i>	-84.02	
<i>For 30 Degree Bend, Deduct</i>	-150.70	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.76	
26 05 36 00-0252 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	559.57	222.65
<i>For 60 Degree Bend, Deduct</i>	-99.33	
<i>For 30 Degree Bend, Deduct</i>	-177.91	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.41	
26 05 36 00-0253 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	657.68	265.07
<i>For 60 Degree Bend, Deduct</i>	-115.44	
<i>For 30 Degree Bend, Deduct</i>	-207.13	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.68	
<b>26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0255 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	302.00	89.71
<i>For 60 Degree Bend, Deduct</i>	-65.29	
<i>For 30 Degree Bend, Deduct</i>	-113.80	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.73	
26 05 36 00-0256 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	342.68	108.95
<i>For 60 Degree Bend, Deduct</i>	-71.33	
<i>For 30 Degree Bend, Deduct</i>	-124.93	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.19	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0257	EA		12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....375.30	375.30	126.45
			<i>For 60 Degree Bend, Deduct</i> .....-75.38		
			<i>For 30 Degree Bend, Deduct</i> .....-132.66		
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-26.99		
26 05 36 00-0258	EA		18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....451.11	451.11	163.66
			<i>For 60 Degree Bend, Deduct</i> .....-86.11		
			<i>For 30 Degree Bend, Deduct</i> .....-152.62		
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-31.47		
26 05 36 00-0259	EA		24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....531.87	531.87	205.96
			<i>For 60 Degree Bend, Deduct</i> .....-96.56		
			<i>For 30 Degree Bend, Deduct</i> .....-172.37		
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-36.02		
26 05 36 00-0260	EA		30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....646.41	646.41	241.78
			<i>For 60 Degree Bend, Deduct</i> .....-120.63		
			<i>For 30 Degree Bend, Deduct</i> .....-214.48		
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-44.49		
26 05 36 00-0261	EA		36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....758.65	758.65	292.66
			<i>For 60 Degree Bend, Deduct</i> .....-138.16		
			<i>For 30 Degree Bend, Deduct</i> .....-246.52		
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-51.47		
26 05 36 00-0262			<b>12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0263	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....336.10	336.10	115.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-23.95		
26 05 36 00-0264	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....366.88	366.88	132.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-25.65		
26 05 36 00-0265	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....395.03	395.03	146.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-27.31		
26 05 36 00-0266	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....456.73	456.73	179.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.72		
26 05 36 00-0267	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....507.58	507.58	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-33.59		
26 05 36 00-0268	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....563.76	563.76	231.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-37.06		
26 05 36 00-0269	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....625.02	625.02	264.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-40.45		
26 05 36 00-0270			<b>24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0271	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....403.57	403.57	120.89
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-30.28		
26 05 36 00-0272	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....438.79	438.79	139.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-32.29		
26 05 36 00-0273	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....472.77	472.77	154.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-34.40		
26 05 36 00-0274	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....546.52	546.52	191.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-38.66		
26 05 36 00-0275	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....609.21	609.21	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-42.37		
26 05 36 00-0276	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....672.50	672.50	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-46.19		
26 05 36 00-0277	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....770.36	770.36	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-52.65		
26 05 36 00-0278			<b>36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0279	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....483.27	483.27	126.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....-37.80		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0280 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 526.45	526.45	146.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -40.45	-40.45	
26 05 36 00-0281 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 558.68	558.68	163.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -42.23	-42.23	
26 05 36 00-0282 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 652.14	652.14	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -48.05	-48.05	
26 05 36 00-0283 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 715.12	715.12	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -51.36	-51.36	
26 05 36 00-0284 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 818.44	818.44	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -58.66	-58.66	
26 05 36 00-0285 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 922.49	922.49	326.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -65.02	-65.02	
<b>26 05 36 00-0286 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0287 EA 6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 600.71	600.71	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -41.52	-41.52	
26 05 36 00-0288 EA 9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 649.84	649.84	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -44.83	-44.83	
26 05 36 00-0289 EA 12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 681.71	681.71	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -47.11	-47.11	
26 05 36 00-0290 EA 18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 761.87	761.87	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -53.01	-53.01	
26 05 36 00-0291 EA 24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 864.36	864.36	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -60.70	-60.70	
26 05 36 00-0292 EA 30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 963.94	963.94	327.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -69.11	-69.11	
26 05 36 00-0293 EA 36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,090.93	1,090.93	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -78.20	-78.20	
<b>26 05 36 00-0294 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0295 EA 6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 762.97	762.97	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -56.15	-56.15	
26 05 36 00-0296 EA 9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 818.82	818.82	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -59.80	-59.80	
26 05 36 00-0297 EA 12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 854.44	854.44	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -62.26	-62.26	
26 05 36 00-0298 EA 18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 936.35	936.35	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -67.90	-67.90	
26 05 36 00-0299 EA 24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,038.92	1,038.92	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -74.92	-74.92	
26 05 36 00-0300 EA 30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,118.36	1,118.36	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -80.95	-80.95	
26 05 36 00-0301 EA 36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,354.79	1,354.79	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -99.79	-99.79	
<b>26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small></b>		
26 05 36 00-0303 EA 6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 979.95	979.95	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -75.91	-75.91	
26 05 36 00-0304 EA 9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,046.63	1,046.63	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -80.27	-80.27	
26 05 36 00-0305 EA 12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,111.20	1,111.20	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -85.39	-85.39	
26 05 36 00-0306 EA 18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... 1,220.62	1,220.62	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct ..... -93.09	-93.09	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0307	EA		24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,384.93	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-105.42	
26 05 36 00-0308	EA		30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,502.20	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-114.54	
26 05 36 00-0309	EA		36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,689.13	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-126.80	
<b>26 05 36 00-0310</b>			<b>12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0311	EA		6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	734.14	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-56.25	
26 05 36 00-0312	EA		9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	751.10	214.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-57.27	
26 05 36 00-0313	EA		12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	768.70	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-58.32	
26 05 36 00-0314	EA		18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	807.54	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-60.60	
26 05 36 00-0315	EA		24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	832.56	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-62.20	
26 05 36 00-0316	EA		30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	902.44	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-67.06	
26 05 36 00-0317	EA		36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	970.64	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-71.33	
<b>26 05 36 00-0318</b>			<b>24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0319	EA		6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,077.24	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-89.17	
26 05 36 00-0320	EA		9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,102.86	231.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-90.97	
26 05 36 00-0321	EA		12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,129.80	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-92.83	
26 05 36 00-0322	EA		18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,189.07	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-96.82	
26 05 36 00-0323	EA		24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,231.55	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-99.97	
26 05 36 00-0324	EA		30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,303.18	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-104.58	
26 05 36 00-0325	EA		36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,402.32	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-111.26	
<b>26 05 36 00-0326</b>			<b>36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0327	EA		6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,722.90	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-152.14	
26 05 36 00-0328	EA		9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,758.21	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-154.76	
26 05 36 00-0329	EA		12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,795.89	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-157.50	
26 05 36 00-0330	EA		18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,859.14	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-161.52	
26 05 36 00-0331	EA		24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,903.14	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-164.58	
26 05 36 00-0332	EA		30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,019.42	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-172.97	
26 05 36 00-0333	EA		36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,118.59	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-178.78	



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0334		<b>12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0335	EA	6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	748.16	278.17
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.64	
26 05 36 00-0336	EA	9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	786.07	292.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.22	
26 05 36 00-0337	EA	12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	840.36	308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.30	
26 05 36 00-0338	EA	18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	902.23	327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.94	
26 05 36 00-0339	EA	24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,015.51	370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.66	
26 05 36 00-0340	EA	30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,138.09	396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.73	
26 05 36 00-0341	EA	36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,245.08	428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.82	
26 05 36 00-0342		<b>24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0343	EA	6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,066.63	308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.93	
26 05 36 00-0344	EA	9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,114.78	327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.19	
26 05 36 00-0345	EA	12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,165.76	347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.60	
26 05 36 00-0346	EA	18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,241.77	370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.29	
26 05 36 00-0347	EA	24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,378.78	428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.19	
26 05 36 00-0348	EA	30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,482.35	463.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.60	
26 05 36 00-0349	EA	36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,665.13	505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.40	
26 05 36 00-0350		<b>36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0351	EA	6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,350.89	347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.11	
26 05 36 00-0352	EA	9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,423.48	370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.46	
26 05 36 00-0353	EA	12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,501.49	396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.07	
26 05 36 00-0354	EA	18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,639.34	428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-128.25	
26 05 36 00-0355	EA	24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,870.83	505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-144.97	
26 05 36 00-0356	EA	30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,039.95	555.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-157.71	
26 05 36 00-0357	EA	36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,231.08	618.69
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-171.55	
26 05 36 00-0358		<b>12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0359	EA	6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	876.21	278.17
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.44	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0360	EA		9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	920.46	292.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.65	
26 05 36 00-0361	EA		12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	986.83	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.95	
26 05 36 00-0362	EA		18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,062.88	327.55
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.99	
26 05 36 00-0363	EA		24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,194.46	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.56	
26 05 36 00-0364	EA		30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,352.83	397.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.19	
26 05 36 00-0365	EA		36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,483.34	427.69
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.69	
<b>26 05 36 00-0366</b>			<b>24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0367	EA		6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,315.01	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.77	
26 05 36 00-0368	EA		9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,370.88	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.80	
26 05 36 00-0369	EA		12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,429.57	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.98	
26 05 36 00-0370	EA		18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,522.55	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.36	
26 05 36 00-0371	EA		24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,678.08	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.12	
26 05 36 00-0372	EA		30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,801.70	463.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-141.54	
26 05 36 00-0373	EA		36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,035.39	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-161.42	
<b>26 05 36 00-0374</b>			<b>36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0213)</small>		
26 05 36 00-0375	EA		6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,698.01	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.83	
26 05 36 00-0376	EA		9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,786.02	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.71	
26 05 36 00-0377	EA		12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,879.46	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-154.87	
26 05 36 00-0378	EA		18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,055.88	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-169.90	
26 05 36 00-0379	EA		24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,333.65	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-191.25	
26 05 36 00-0380	EA		30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,541.35	555.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-207.85	
26 05 36 00-0381	EA		36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,771.04	618.69
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-225.55	
26 05 36 00-0382			<b>9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0383</b>			<b>12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0384	EA		6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	283.68	116.25
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.68	
26 05 36 00-0385	EA		9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	317.82	132.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0386 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	349.61	146.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.77	
26 05 36 00-0387 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	436.16	179.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.66	
26 05 36 00-0388 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	497.58	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.59	
26 05 36 00-0389 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	589.18	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.60	
26 05 36 00-0390 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	678.70	264.95
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.79	
<b>26 05 36 00-0391 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0392 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	387.21	120.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.65	
26 05 36 00-0393 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	423.04	138.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.72	
26 05 36 00-0394 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	456.13	154.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.73	
26 05 36 00-0395 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	534.09	191.93
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.42	
26 05 36 00-0396 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	600.99	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.55	
26 05 36 00-0397 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	671.14	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.06	
26 05 36 00-0398 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	784.93	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.10	
<b>26 05 36 00-0399 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0400 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	416.28	126.33
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.10	
26 05 36 00-0401 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	460.83	146.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.90	
26 05 36 00-0402 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	499.97	163.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.36	
26 05 36 00-0403 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	603.29	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.16	
26 05 36 00-0404 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	688.69	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.72	
26 05 36 00-0405 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	806.44	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.46	
26 05 36 00-0406 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	918.92	326.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.66	
<b>26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0408 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	210.37	84.26
<i>For 60 Degree Bend, Deduct</i>	-37.13	
<i>For 30 Degree Bend, Deduct</i>	-66.57	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.02	
26 05 36 00-0409 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	241.22	101.06
<i>For 60 Degree Bend, Deduct</i>	-40.88	
<i>For 30 Degree Bend, Deduct</i>	-73.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.70	
26 05 36 00-0410 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	268.89	115.91
<i>For 60 Degree Bend, Deduct</i>	-44.30	
<i>For 30 Degree Bend, Deduct</i>	-80.28	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.23	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0411	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.10	146.50
			<i>For 60 Degree Bend, Deduct</i>	-50.81	
			<i>For 30 Degree Bend, Deduct</i>	-92.82	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.20	
26 05 36 00-0412	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.88	179.41
			<i>For 60 Degree Bend, Deduct</i>	-63.84	
			<i>For 30 Degree Bend, Deduct</i>	-116.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.24	
26 05 36 00-0413	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	474.73	205.96
			<i>For 60 Degree Bend, Deduct</i>	-77.70	
			<i>For 30 Degree Bend, Deduct</i>	-140.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.31	
26 05 36 00-0414	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	540.13	241.78
			<i>For 60 Degree Bend, Deduct</i>	-85.55	
			<i>For 30 Degree Bend, Deduct</i>	-156.02	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.86	
<b>26 05 36 00-0415</b>			<b>24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0416	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	233.36	86.93
			<i>For 60 Degree Bend, Deduct</i>	-43.70	
			<i>For 30 Degree Bend, Deduct</i>	-77.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.10	
26 05 36 00-0417	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	268.94	104.77
			<i>For 60 Degree Bend, Deduct</i>	-48.58	
			<i>For 30 Degree Bend, Deduct</i>	-86.79	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.16	
26 05 36 00-0418	EA		12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	307.36	121.00
			<i>For 60 Degree Bend, Deduct</i>	-55.05	
			<i>For 30 Degree Bend, Deduct</i>	-98.47	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.65	
26 05 36 00-0419	EA		18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	366.13	154.50
			<i>For 60 Degree Bend, Deduct</i>	-61.58	
			<i>For 30 Degree Bend, Deduct</i>	-111.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.73	
26 05 36 00-0420	EA		24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	451.24	191.93
			<i>For 60 Degree Bend, Deduct</i>	-75.35	
			<i>For 30 Degree Bend, Deduct</i>	-136.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.13	
26 05 36 00-0421	EA		30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	528.14	222.65
			<i>For 60 Degree Bend, Deduct</i>	-88.95	
			<i>For 30 Degree Bend, Deduct</i>	-160.62	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.26	
26 05 36 00-0422	EA		36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	621.69	265.07
			<i>For 60 Degree Bend, Deduct</i>	-103.57	
			<i>For 30 Degree Bend, Deduct</i>	-187.33	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.08	
<b>26 05 36 00-0423</b>			<b>36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0424	EA		6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	276.57	89.71
			<i>For 60 Degree Bend, Deduct</i>	-56.90	
			<i>For 30 Degree Bend, Deduct</i>	-99.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.19	
26 05 36 00-0425	EA		9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	315.83	108.95
			<i>For 60 Degree Bend, Deduct</i>	-62.47	
			<i>For 30 Degree Bend, Deduct</i>	-110.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.51	
26 05 36 00-0426	EA		12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	347.87	126.45
			<i>For 60 Degree Bend, Deduct</i>	-66.33	
			<i>For 30 Degree Bend, Deduct</i>	-117.57	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.25	
26 05 36 00-0427	EA		18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.40	163.66
			<i>For 60 Degree Bend, Deduct</i>	-76.31	
			<i>For 30 Degree Bend, Deduct</i>	-136.28	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.50	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0428 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	500.44 -86.18 -155.08 -32.88	205.96
26 05 36 00-0429 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	605.84 -107.24 -192.16 -40.43	241.78
26 05 36 00-0430 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	713.51 -123.26 -221.70 -46.96	292.66
<b>26 05 36 00-0431 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)</b>		
26 05 36 00-0432 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	317.46 -22.09	115.91
26 05 36 00-0433 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	347.81 -23.75	132.37
26 05 36 00-0434 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	375.32 -25.34	146.39
26 05 36 00-0435 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	436.16 -28.66	179.41
26 05 36 00-0436 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	486.16 -31.45	205.96
26 05 36 00-0437 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	540.61 -34.74	231.81
26 05 36 00-0438 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	601.02 -38.05	264.61
<b>26 05 36 00-0439 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)</b>		
26 05 36 00-0440 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	377.21 -27.65	120.89
26 05 36 00-0441 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	411.80 -29.59	139.08
26 05 36 00-0442 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	444.70 -31.59	154.50
26 05 36 00-0443 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	516.95 -35.70	191.93
26 05 36 00-0444 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	578.14 -39.26	222.65
26 05 36 00-0445 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	639.72 -42.91	252.67
26 05 36 00-0446 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	733.51 -48.96	292.66
<b>26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)</b>		
26 05 36 00-0448 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	447.71 -34.24	126.33
26 05 36 00-0449 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	489.60 -36.77	146.39
26 05 36 00-0450 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	521.39 -38.50	163.66
26 05 36 00-0451 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	611.86 -44.02	205.96
26 05 36 00-0452 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	674.41 -47.29	241.78

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0453	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	772.16	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-54.04	
26 05 36 00-0454	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	873.21	326.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-60.09	
<b>26 05 36 00-0455</b>			<b>12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0456	EA		6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	562.42	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-37.69	
26 05 36 00-0457	EA		9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	608.70	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-40.72	
26 05 36 00-0458	EA		12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	638.29	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-42.77	
26 05 36 00-0459	EA		18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	712.16	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-48.04	
26 05 36 00-0460	EA		24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	806.08	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-54.87	
26 05 36 00-0461	EA		30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	894.23	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-62.14	
26 05 36 00-0462	EA		36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,012.08	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-70.32	
<b>26 05 36 00-0463</b>			<b>24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0464	EA		6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	702.98	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-50.15	
26 05 36 00-0465	EA		9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.96	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-53.51	
26 05 36 00-0466	EA		12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	789.30	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-55.75	
26 05 36 00-0467	EA		18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	866.07	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-60.87	
26 05 36 00-0468	EA		24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	962.35	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-67.26	
26 05 36 00-0469	EA		30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,034.93	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-72.60	
26 05 36 00-0470	EA		36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,247.94	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-89.11	
<b>26 05 36 00-0471</b>			<b>36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA		6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	890.24	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-66.94	
26 05 36 00-0473	EA		9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	953.49	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-70.96	
26 05 36 00-0474	EA		12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,011.78	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-75.44	
26 05 36 00-0475	EA		18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,113.77	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-82.40	
26 05 36 00-0476	EA		24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,264.36	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-93.36	
26 05 36 00-0477	EA		30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,370.79	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-101.39	
26 05 36 00-0478	EA		36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,547.99	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-112.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-0479</b> <b>12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480 EA 6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	669.00	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.73	
26 05 36 00-0481 EA 9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	685.39	214.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.70	
26 05 36 00-0482 EA 12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	702.41	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.69	
26 05 36 00-0483 EA 18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	740.12	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.86	
26 05 36 00-0484 EA 24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	763.99	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.34	
26 05 36 00-0485 EA 30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	829.30	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.75	
26 05 36 00-0486 EA 36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	894.64	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.73	
<b>26 05 36 00-0487</b> <b>24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0488 EA 6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	959.54	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.40	
26 05 36 00-0489 EA 9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	983.44	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.03	
26 05 36 00-0490 EA 12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,008.67	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.72	
26 05 36 00-0491 EA 18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,064.51	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.37	
26 05 36 00-0492 EA 24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,103.56	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-87.18	
26 05 36 00-0493 EA 30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,171.77	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.44	
26 05 36 00-0494 EA 36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,265.18	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-97.54	
<b>26 05 36 00-0495</b> <b>36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0496 EA 6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,502.92	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-130.14	
26 05 36 00-0497 EA 9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,535.36	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-132.48	
26 05 36 00-0498 EA 12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,570.19	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-134.93	
26 05 36 00-0499 EA 18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,630.58	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-138.67	
26 05 36 00-0500 EA 24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,671.73	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-141.44	
26 05 36 00-0501 EA 30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,779.43	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-148.97	
26 05 36 00-0502 EA 36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,875.75	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-154.50	
<b>26 05 36 00-0503</b> <b>12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0504 EA 6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	700.74	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.89	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 36 00-0505	EA	9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	736.36		292.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.25		
26 05 36 00-0506	EA	12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	786.08		308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.87		
26 05 36 00-0507	EA	18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	842.80		327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.00		
26 05 36 00-0508	EA	24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.22		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.03		
26 05 36 00-0509	EA	30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,058.66		396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.79		
26 05 36 00-0510	EA	36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,156.51		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.97		
<b>26 05 36 00-0511</b>		<b>24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>			
26 05 36 00-0512	EA	6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	974.64		308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.73		
26 05 36 00-0513	EA	9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,019.93		327.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.71		
26 05 36 00-0514	EA	12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,068.06		347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.83		
26 05 36 00-0515	EA	18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,137.78		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.89		
26 05 36 00-0516	EA	24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,267.94		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.11		
26 05 36 00-0517	EA	30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,364.08		463.61
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.77		
26 05 36 00-0518	EA	36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,527.99		505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.68		
<b>26 05 36 00-0519</b>		<b>36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>			
26 05 36 00-0520	EA	6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,222.33		347.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.26		
26 05 36 00-0521	EA	9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,289.20		370.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.03		
26 05 36 00-0522	EA	12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,361.50		396.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.07		
26 05 36 00-0523	EA	18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,485.06		428.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.82		
26 05 36 00-0524	EA	24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,699.41		505.34
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-127.82		
26 05 36 00-0525	EA	30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,854.25		555.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.14		
26 05 36 00-0526	EA	36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,031.10		618.69
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-151.55		
<b>26 05 36 00-0527</b>		<b>12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>			
26 05 36 00-0528	EA	6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	807.44		278.17
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.56		
26 05 36 00-0529	EA	9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	848.38		292.78
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.44		
26 05 36 00-0530	EA	12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	908.12		308.76
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.08		
26 05 36 00-0531	EA	18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	976.72		327.55
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.38		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0532 EA 24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,098.36	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.95	
26 05 36 00-0533 EA 30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,237.67	397.09
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.67	
26 05 36 00-0534 EA 36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,354.92	427.69
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.85	
<b>26 05 36 00-0535 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0536 EA 6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,181.62	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.43	
26 05 36 00-0537 EA 9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,233.34	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.05	
26 05 36 00-0538 EA 12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,287.90	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.81	
26 05 36 00-0539 EA 18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,371.77	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.29	
26 05 36 00-0540 EA 24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,517.35	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-116.05	
26 05 36 00-0541 EA 30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,630.20	463.61
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.39	
26 05 36 00-0542 EA 36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,836.54	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-141.54	
<b>26 05 36 00-0543 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0382)</small>		
26 05 36 00-0544 EA 6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,511.60	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-122.18	
26 05 36 00-0545 EA 9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,591.32	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-128.24	
26 05 36 00-0546 EA 12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,676.48	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.57	
26 05 36 00-0547 EA 18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,832.18	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.53	
26 05 36 00-0548 EA 24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,085.10	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-166.39	
26 05 36 00-0549 EA 30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,272.08	555.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-180.92	
26 05 36 00-0550 EA 36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,481.06	618.69
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-196.55	
<b>26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-0002)</small>		
<b>26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0553 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	277.38	116.25
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.05	
26 05 36 00-0554 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	311.02	132.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.07	
26 05 36 00-0555 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	342.21	146.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.03	
26 05 36 00-0556 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	426.56	179.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.70	
26 05 36 00-0557 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	486.79	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.51	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0558	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	574.98	231.81
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.18	
26 05 36 00-0559	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	662.10	264.95
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.13	
<b>26 05 36 00-0560</b>		<b>24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0561	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.21	120.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.35	
26 05 36 00-0562	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	409.65	138.97
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.38	
26 05 36 00-0563	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	442.23	154.50
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.34	
26 05 36 00-0564	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	519.09	191.93
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.92	
26 05 36 00-0565	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	584.89	222.65
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.94	
26 05 36 00-0566	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	653.64	252.67
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.31	
26 05 36 00-0567	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	764.13	292.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.02	
<b>26 05 36 00-0568</b>		<b>36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0569	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	401.88	126.33
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.66	
26 05 36 00-0570	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	445.63	146.27
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.38	
26 05 36 00-0571	EA	12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	484.07	163.66
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.77	
26 05 36 00-0572	EA	18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	585.09	205.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.34	
26 05 36 00-0573	EA	24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	668.70	241.78
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.72	
26 05 36 00-0574	EA	30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	782.44	278.17
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.06	
26 05 36 00-0575	EA	36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	892.72	326.85
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.04	
<b>26 05 36 00-0576</b>		<b>12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	205.48	84.26
		<i>For 60 Degree Bend, Deduct</i>	-35.52	
		<i>For 30 Degree Bend, Deduct</i>	-63.88	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.53	
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	236.12	101.06
		<i>For 60 Degree Bend, Deduct</i>	-39.19	
		<i>For 30 Degree Bend, Deduct</i>	-70.94	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.19	
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	263.59	115.91
		<i>For 60 Degree Bend, Deduct</i>	-42.55	
		<i>For 30 Degree Bend, Deduct</i>	-77.36	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.70	
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	318.50	146.50
		<i>For 60 Degree Bend, Deduct</i>	-48.96	
		<i>For 30 Degree Bend, Deduct</i>	-89.74	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.64	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0581 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	394.68	179.41
For 60 Degree Bend, Deduct	-61.47	
For 30 Degree Bend, Deduct	-112.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.52	
26 05 36 00-0582 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	465.53	205.96
For 60 Degree Bend, Deduct	-74.66	
For 30 Degree Bend, Deduct	-135.88	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.39	
26 05 36 00-0583 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	530.53	241.78
For 60 Degree Bend, Deduct	-82.38	
For 30 Degree Bend, Deduct	-150.74	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.90	
<b>26 05 36 00-0584 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0585 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	227.17	86.93
For 60 Degree Bend, Deduct	-41.66	
For 30 Degree Bend, Deduct	-74.26	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.48	
26 05 36 00-0586 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	262.34	104.77
For 60 Degree Bend, Deduct	-46.40	
For 30 Degree Bend, Deduct	-83.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.50	
26 05 36 00-0587 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	299.96	121.00
For 60 Degree Bend, Deduct	-52.61	
For 30 Degree Bend, Deduct	-94.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.91	
26 05 36 00-0588 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	358.53	154.50
For 60 Degree Bend, Deduct	-59.07	
For 30 Degree Bend, Deduct	-107.04	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.97	
26 05 36 00-0589 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	442.04	191.93
For 60 Degree Bend, Deduct	-72.31	
For 30 Degree Bend, Deduct	-131.19	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.21	
26 05 36 00-0590 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	517.14	222.65
For 60 Degree Bend, Deduct	-85.32	
For 30 Degree Bend, Deduct	-154.57	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.16	
26 05 36 00-0591 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	609.09	265.07
For 60 Degree Bend, Deduct	-99.41	
For 30 Degree Bend, Deduct	-180.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.82	
<b>26 05 36 00-0592 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0593 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	267.67	89.71
For 60 Degree Bend, Deduct	-53.96	
For 30 Degree Bend, Deduct	-94.91	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.30	
26 05 36 00-0594 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	306.43	108.95
For 60 Degree Bend, Deduct	-59.37	
For 30 Degree Bend, Deduct	-104.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.57	
26 05 36 00-0595 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	338.27	126.45
For 60 Degree Bend, Deduct	-63.16	
For 30 Degree Bend, Deduct	-112.29	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.29	
26 05 36 00-0596 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	411.00	163.66
For 60 Degree Bend, Deduct	-72.88	
For 30 Degree Bend, Deduct	-130.56	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.46	
26 05 36 00-0597 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	489.44	205.96
For 60 Degree Bend, Deduct	-82.55	
For 30 Degree Bend, Deduct	-149.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.78	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0598	EA		30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 60 Degree Bend, Deduct</i> ..... <i>For 30 Degree Bend, Deduct</i> ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	591.64 -102.55 -184.35 -39.01	241.78
26 05 36 00-0599	EA		36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 60 Degree Bend, Deduct</i> ..... <i>For 30 Degree Bend, Deduct</i> ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	697.71 -118.05 -213.01 -45.38	292.66
<b>26 05 36 00-0600</b>			<b>12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0601	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	308.76 -21.22	115.91
26 05 36 00-0602	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	338.91 -22.86	132.37
26 05 36 00-0603	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	366.12 -24.42	146.39
26 05 36 00-0604	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	426.56 -27.70	179.41
26 05 36 00-0605	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	476.16 -30.45	205.96
26 05 36 00-0606	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	529.82 -33.67	231.81
26 05 36 00-0607	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	589.82 -36.93	264.61
<b>26 05 36 00-0608</b>			<b>24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0609	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	364.91 -26.42	120.89
26 05 36 00-0610	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	399.20 -28.33	139.08
26 05 36 00-0611	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	431.60 -30.28	154.50
26 05 36 00-0612	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	503.15 -34.32	191.93
26 05 36 00-0613	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	563.64 -37.81	222.65
26 05 36 00-0614	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	624.42 -41.38	252.67
26 05 36 00-0615	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	716.31 -47.24	292.66
<b>26 05 36 00-0616</b>			<b>36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0617	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	431.11 -32.58	126.33
26 05 36 00-0618	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	472.40 -35.05	146.39
26 05 36 00-0619	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	503.99 -36.76	163.66
26 05 36 00-0620	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	593.06 -42.14	205.96
26 05 36 00-0621	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	655.41 -45.39	241.78
26 05 36 00-0622	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	750.56 -51.88	278.17



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0623 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	850.21 -57.79	326.85
<b>26 05 36 00-0624 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0625 EA 6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	543.28 -35.78	222.65
26 05 36 00-0626 EA 9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	588.13 -38.66	241.78
26 05 36 00-0627 EA 12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	616.57 -40.60	252.67
26 05 36 00-0628 EA 18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	687.31 -45.55	278.17
26 05 36 00-0629 EA 24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	776.94 -51.96	308.76
26 05 36 00-0630 EA 30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	859.37 -58.65	327.43
26 05 36 00-0631 EA 36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	972.65 -66.37	370.66
<b>26 05 36 00-0632 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0633 EA 6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	672.98 -47.15	241.78
26 05 36 00-0634 EA 9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	724.54 -50.37	265.07
26 05 36 00-0635 EA 12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	756.73 -52.49	278.17
26 05 36 00-0636 EA 18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	830.93 -57.36	308.76
26 05 36 00-0637 EA 24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	924.07 -63.43	347.71
26 05 36 00-0638 EA 30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	993.22 -68.43	370.66
26 05 36 00-0639 EA 36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,194.51 -83.77	428.26
<b>26 05 36 00-0640 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0641 EA 6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	845.38 -62.45	265.07
26 05 36 00-0642 EA 9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	906.92 -66.30	292.66
26 05 36 00-0643 EA 12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	962.07 -70.47	308.76
26 05 36 00-0644 EA 18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,060.34 -77.06	347.71
26 05 36 00-0645 EA 24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,204.08 -87.33	396.97
26 05 36 00-0646 EA 30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,305.08 -94.82	428.26
26 05 36 00-0647 EA 36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,477.43 -105.63	505.34
<b>26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0649	EA		6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	636.43	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-46.48	
26 05 36 00-0650	EA		9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	652.53	214.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-47.41	
26 05 36 00-0651	EA		12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	669.27	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-48.38	
26 05 36 00-0652	EA		18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	706.41	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-50.49	
26 05 36 00-0653	EA		24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	729.71	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-51.91	
26 05 36 00-0654	EA		30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	792.73	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-56.09	
26 05 36 00-0655	EA		36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	856.65	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-59.93	
<b>26 05 36 00-0656</b>			<b>24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0657	EA		6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	900.69	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-71.52	
26 05 36 00-0658	EA		9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	923.73	231.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-73.06	
26 05 36 00-0659	EA		12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	948.10	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-74.66	
26 05 36 00-0660	EA		18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,002.23	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-78.14	
26 05 36 00-0661	EA		24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,039.57	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-80.78	
26 05 36 00-0662	EA		30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,106.06	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-84.87	
26 05 36 00-0663	EA		36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,196.62	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-90.69	
<b>26 05 36 00-0664</b>			<b>36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0665	EA		6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,392.93	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-119.14	
26 05 36 00-0666	EA		9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,423.94	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-121.34	
26 05 36 00-0667	EA		12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,457.34	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-123.65	
26 05 36 00-0668	EA		18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,516.31	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-127.24	
26 05 36 00-0669	EA		24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,556.02	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-129.87	
26 05 36 00-0670	EA		30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,659.44	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-136.97	
26 05 36 00-0671	EA		36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,754.33	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-142.36	
<b>26 05 36 00-0672</b>			<b>12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0673	EA		6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	677.02	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-44.52	
26 05 36 00-0674	EA		9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	711.51	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> .....	-46.76	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0675 EA 12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	758.94	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.16	
26 05 36 00-0676 EA 18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	813.09	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.03	
26 05 36 00-0677 EA 24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	916.08	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.72	
26 05 36 00-0678 EA 30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,018.95	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.82	
26 05 36 00-0679 EA 36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,112.23	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.54	
<b>26 05 36 00-0680 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0681 EA 6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	928.64	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.13	
26 05 36 00-0682 EA 9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	972.51	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.97	
26 05 36 00-0683 EA 12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,019.20	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.94	
26 05 36 00-0684 EA 18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,085.79	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.69	
26 05 36 00-0685 EA 24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,212.51	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.57	
26 05 36 00-0686 EA 30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,304.94	463.61
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.86	
26 05 36 00-0687 EA 36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,459.43	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.83	
<b>26 05 36 00-0688 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0689 EA 6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,158.05	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.83	
26 05 36 00-0690 EA 9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,222.06	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.32	
26 05 36 00-0691 EA 12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,291.50	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.07	
26 05 36 00-0692 EA 18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,407.93	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.11	
26 05 36 00-0693 EA 24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,613.70	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.25	
26 05 36 00-0694 EA 30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,761.40	555.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-129.85	
26 05 36 00-0695 EA 36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,931.10	618.69
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-141.55	
<b>26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting</b> <small>(26 05 36 00-0551)</small>		
26 05 36 00-0697 EA 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	773.06	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.13	
26 05 36 00-0698 EA 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	812.34	292.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.84	
26 05 36 00-0699 EA 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	868.77	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.15	
26 05 36 00-0700 EA 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	933.63	327.55
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.07	
26 05 36 00-0701 EA 24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting .....	1,050.30	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.14	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0702	EA		30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,180.08	397.09
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.92	
26 05 36 00-0703	EA		36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,290.71	427.69
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.43	
<b>26 05 36 00-0704</b>			<b>24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0705	EA		6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,114.93	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.76	
26 05 36 00-0706	EA		9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,164.58	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.17	
26 05 36 00-0707	EA		12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,217.06	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.73	
26 05 36 00-0708	EA		18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,296.37	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.75	
26 05 36 00-0709	EA		24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,436.98	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.01	
26 05 36 00-0710	EA		30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,544.45	463.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.81	
26 05 36 00-0711	EA		36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,737.12	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.60	
<b>26 05 36 00-0712</b>			<b>36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)</b>		
26 05 36 00-0713	EA		6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,418.39	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.86	
26 05 36 00-0714	EA		9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,493.97	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.51	
26 05 36 00-0715	EA		12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,574.98	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.42	
26 05 36 00-0716	EA		18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,720.33	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-136.35	
26 05 36 00-0717	EA		24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,960.82	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-153.97	
26 05 36 00-0718	EA		30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,137.45	555.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.46	
26 05 36 00-0719	EA		36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,336.08	618.69
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-182.05	
<b>26 05 36 00-0720</b>			<b>Dropout Or End Plates And Reducers (26 05 36 00-0002)</b>		
<b>26 05 36 00-0721</b>			<b>Straight Reducers (26 05 36 00-0720)</b>		
26 05 36 00-0722	EA		9" To 6" Reducer, Steel Cable Tray.....	274.02	85.54
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.27	
26 05 36 00-0723	EA		12" To 9" Reducer, Steel Cable Tray.....	288.66	92.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.15	
26 05 36 00-0724	EA		18" To 12" Reducer, Steel Cable Tray.....	312.48	106.87
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.34	
26 05 36 00-0725	EA		24" To 18" Reducer, Steel Cable Tray.....	343.22	123.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.02	
26 05 36 00-0726	EA		30" To 24" Reducer, Steel Cable Tray.....	371.80	139.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.59	
26 05 36 00-0727	EA		36" To 30" Reducer, Steel Cable Tray.....	421.99	158.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.96	
<b>26 05 36 00-0728</b>			<b>Reducers (26 05 36 00-0720)</b>		
26 05 36 00-0729	EA		18" To 6" Reducer, Steel Cable Tray.....	318.30	106.98
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.91	
26 05 36 00-0730	EA		24" To 12" Reducer, Steel Cable Tray.....	349.23	123.79
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.60	
26 05 36 00-0731	EA		30" To 12" Reducer, Steel Cable Tray.....	383.05	138.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0732 EA 30" To 18" Reducer, Steel Cable Tray.....	388.57	138.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.29	
26 05 36 00-0733 EA 36" To 12" Reducer, Steel Cable Tray.....	424.85	158.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.24	
26 05 36 00-0734 EA 36" To 18" Reducer, Steel Cable Tray.....	437.52	163.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.16	
26 05 36 00-0735 EA 36" To 24" Reducer, Steel Cable Tray.....	451.92	168.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.17	
<b>26 05 36 00-0736 Dropout Or End Plate</b> <small>(26 05 36 00-0720)</small>		
26 05 36 00-0737 EA 6" Dropout Or End Plate, Steel Cable Tray.....	72.66	34.77
26 05 36 00-0738 EA 9" Dropout Or End Plate, Steel Cable Tray.....	83.46	39.75
26 05 36 00-0739 EA 12" Dropout Or End Plate, Steel Cable Tray.....	90.14	42.77
26 05 36 00-0740 EA 18" Dropout Or End Plate, Steel Cable Tray.....	106.39	50.54
26 05 36 00-0741 EA 24" Dropout Or End Plate, Steel Cable Tray.....	119.58	55.64
26 05 36 00-0742 EA 30" Dropout Or End Plate, Steel Cable Tray.....	132.48	61.77
26 05 36 00-0743 EA 36" Dropout Or End Plate, Steel Cable Tray.....	149.62	69.54
<b>26 05 36 00-0744 Ladder Bottom Aluminum Cable Tray</b> <small>(26 05 36 00-0001)</small>		
Note: 4-5/8" Height		
<b>26 05 36 00-0745 Straight Tray Sections</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-0746 4" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0747 LF 6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	137.13	8.11
For Class 12C Instead Of Class 12B, Add	19.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.03	
For 6" Overall Height Instead Of 4-5/8", Add	6.86	
26 05 36 00-0748 LF 9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	145.05	8.58
For Class 12C Instead Of Class 12B, Add	20.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.79	
For 6" Overall Height Instead Of 4-5/8", Add	7.25	
26 05 36 00-0749 LF 12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	152.95	8.92
For Class 12C Instead Of Class 12B, Add	21.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.55	
For 6" Overall Height Instead Of 4-5/8", Add	7.65	
26 05 36 00-0750 LF 18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	170.01	9.73
For Class 12C Instead Of Class 12B, Add	23.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.19	
For 6" Overall Height Instead Of 4-5/8", Add	8.50	
26 05 36 00-0751 LF 24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	196.91	10.43
For Class 12C Instead Of Class 12B, Add	27.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.83	
For 6" Overall Height Instead Of 4-5/8", Add	9.85	
26 05 36 00-0752 LF 30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	216.18	11.13
For Class 12C Instead Of Class 12B, Add	30.58	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.69	
For 6" Overall Height Instead Of 4-5/8", Add	10.81	
26 05 36 00-0753 LF 36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section.....	233.12	11.82
For Class 12C Instead Of Class 12B, Add	32.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.32	
For 6" Overall Height Instead Of 4-5/8", Add	11.66	
<b>26 05 36 00-0754 6" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0755 LF 6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	125.90	8.11
For Class 12C Instead Of Class 12B, Add	17.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-11.91	
For 6" Overall Height Instead Of 4-5/8", Add	6.30	
26 05 36 00-0756 LF 9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	133.16	8.58
For Class 12C Instead Of Class 12B, Add	18.55	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.60	
For 6" Overall Height Instead Of 4-5/8", Add	6.66	
26 05 36 00-0757 LF 12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	140.40	8.92
For Class 12C Instead Of Class 12B, Add	19.57	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.29	
For 6" Overall Height Instead Of 4-5/8", Add	7.02	
26 05 36 00-0758 LF 18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	156.04	9.73
For Class 12C Instead Of Class 12B, Add	21.78	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.79	
For 6" Overall Height Instead Of 4-5/8", Add	7.80	
26 05 36 00-0759 LF 24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	180.58	10.43
For Class 12C Instead Of Class 12B, Add	25.36	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.19	
For 6" Overall Height Instead Of 4-5/8", Add	9.03	
26 05 36 00-0760 LF 30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	198.21	11.13
For Class 12C Instead Of Class 12B, Add	27.88	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.90	
For 6" Overall Height Instead Of 4-5/8", Add	9.91	
26 05 36 00-0761 LF 36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section.....	213.72	11.82
For Class 12C Instead Of Class 12B, Add	30.08	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.38	
For 6" Overall Height Instead Of 4-5/8", Add	10.69	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0762			<b>9" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0763	LF		6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	111.63	7.77
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.44	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.58	
26 05 36 00-0764	LF		9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	112.75	8.11
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.56	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.60	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.64	
26 05 36 00-0765	LF		12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	121.07	8.58
			<i>For Class 12C Instead Of Class 12B, Add</i>	16.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.40	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.05	
26 05 36 00-0766	LF		18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	129.24	9.16
			<i>For Class 12C Instead Of Class 12B, Add</i>	17.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.46	
26 05 36 00-0767	LF		24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	147.32	9.50
			<i>For Class 12C Instead Of Class 12B, Add</i>	20.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.37	
26 05 36 00-0768	LF		30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	163.39	10.20
			<i>For Class 12C Instead Of Class 12B, Add</i>	22.80	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.48	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.17	
26 05 36 00-0769	LF		36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section .....	173.10	11.13
			<i>For Class 12C Instead Of Class 12B, Add</i>	24.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.38	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.66	
26 05 36 00-0770			<b>12" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0771	LF		6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	109.53	7.54
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.18	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.33	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.48	
26 05 36 00-0772	LF		9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	110.54	7.77
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.28	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.40	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.53	
26 05 36 00-0773	LF		12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	114.58	8.23
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.77	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.73	
26 05 36 00-0774	LF		18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	121.41	8.69
			<i>For Class 12C Instead Of Class 12B, Add</i>	16.76	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.07	
26 05 36 00-0775	LF		24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	133.68	8.81
			<i>For Class 12C Instead Of Class 12B, Add</i>	18.58	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.63	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.68	
26 05 36 00-0776	LF		30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	143.29	9.73
			<i>For Class 12C Instead Of Class 12B, Add</i>	19.88	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.52	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.16	
26 05 36 00-0777	LF		36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section .....	151.24	10.54
			<i>For Class 12C Instead Of Class 12B, Add</i>	20.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.56	
26 05 36 00-0778			<b>18" Rung Spacing</b> <small>(26 05 36 00-0745)</small>		
26 05 36 00-0779	LF		6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	108.64	7.30
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.08	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.43	
26 05 36 00-0780	LF		9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	108.00	7.65
			<i>For Class 12C Instead Of Class 12B, Add</i>	14.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.40	
26 05 36 00-0781	LF		12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	114.01	7.88
			<i>For Class 12C Instead Of Class 12B, Add</i>	15.78	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.74	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.70	
26 05 36 00-0782	LF		18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	120.16	8.35
			<i>For Class 12C Instead Of Class 12B, Add</i>	16.64	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.01	
26 05 36 00-0783	LF		24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	128.60	8.46
			<i>For Class 12C Instead Of Class 12B, Add</i>	17.88	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.43	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0784 LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	133.73	9.27
For Class 12C Instead Of Class 12B, Add	18.52	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.60	
For 6" Overall Height Instead Of 4-5/8", Add	6.69	
26 05 36 00-0785 LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section .....	140.68	10.08
For Class 12C Instead Of Class 12B, Add	19.42	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-13.23	
For 6" Overall Height Instead Of 4-5/8", Add	7.03	
<b>26 05 36 00-0786 4" Rung Tray Fittings (26 05 36 00-0744)</b>		
<b>26 05 36 00-0787 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-0786)</b>		
26 05 36 00-0788 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	337.91	116.25
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.11	
For 6" Overall Height Instead Of 4-5/8", Add	16.90	
26 05 36 00-0789 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	368.55	132.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.82	
For 6" Overall Height Instead Of 4-5/8", Add	18.43	
26 05 36 00-0790 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	419.15	146.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.72	
For 6" Overall Height Instead Of 4-5/8", Add	20.96	
26 05 36 00-0791 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	496.19	179.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.67	
For 6" Overall Height Instead Of 4-5/8", Add	24.81	
26 05 36 00-0792 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	587.93	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.63	
For 6" Overall Height Instead Of 4-5/8", Add	29.40	
26 05 36 00-0793 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	645.56	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.24	
For 6" Overall Height Instead Of 4-5/8", Add	32.28	
26 05 36 00-0794 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	755.56	264.95
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.48	
For 6" Overall Height Instead Of 4-5/8", Add	37.78	
<b>26 05 36 00-0795 90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-0786)</b>		
26 05 36 00-0796 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	457.08	120.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.63	
For 6" Overall Height Instead Of 4-5/8", Add	22.85	
26 05 36 00-0797 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	498.16	138.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.23	
For 6" Overall Height Instead Of 4-5/8", Add	24.91	
26 05 36 00-0798 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	536.87	154.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.81	
For 6" Overall Height Instead Of 4-5/8", Add	26.84	
26 05 36 00-0799 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	622.86	191.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.30	
For 6" Overall Height Instead Of 4-5/8", Add	31.14	
26 05 36 00-0800 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	703.25	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.77	
For 6" Overall Height Instead Of 4-5/8", Add	35.16	
26 05 36 00-0801 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	784.44	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.39	
For 6" Overall Height Instead Of 4-5/8", Add	39.22	
26 05 36 00-0802 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	896.73	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.28	
For 6" Overall Height Instead Of 4-5/8", Add	44.84	
<b>26 05 36 00-0803 90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-0786)</b>		
26 05 36 00-0804 EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	491.71	126.33
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.64	
For 6" Overall Height Instead Of 4-5/8", Add	24.59	
26 05 36 00-0805 EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	532.13	146.27
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.03	
For 6" Overall Height Instead Of 4-5/8", Add	26.61	
26 05 36 00-0806 EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	594.13	163.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.77	
For 6" Overall Height Instead Of 4-5/8", Add	29.71	
26 05 36 00-0807 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	704.76	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.31	
For 6" Overall Height Instead Of 4-5/8", Add	35.24	
26 05 36 00-0808 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	811.92	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.04	
For 6" Overall Height Instead Of 4-5/8", Add	40.60	
26 05 36 00-0809 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	912.69	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.09	
For 6" Overall Height Instead Of 4-5/8", Add	45.63	
26 05 36 00-0810 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,059.46	326.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.71	
For 6" Overall Height Instead Of 4-5/8", Add	52.97	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0811			<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0812	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	235.31	84.26
			<i>For 60 Degree Bend, Deduct</i>	-45.36	
			<i>For 30 Degree Bend, Deduct</i>	-80.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.77	
26 05 36 00-0813	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	266.95	101.06
			<i>For 60 Degree Bend, Deduct</i>	-49.37	
			<i>For 30 Degree Bend, Deduct</i>	-87.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.28	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.35	
26 05 36 00-0814	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	295.41	115.91
			<i>For 60 Degree Bend, Deduct</i>	-53.05	
			<i>For 30 Degree Bend, Deduct</i>	-94.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.88	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.77	
26 05 36 00-0815	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	364.59	146.50
			<i>For 60 Degree Bend, Deduct</i>	-64.17	
			<i>For 30 Degree Bend, Deduct</i>	-115.09	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.23	
26 05 36 00-0816	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	448.72	179.41
			<i>For 60 Degree Bend, Deduct</i>	-79.30	
			<i>For 30 Degree Bend, Deduct</i>	-142.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.92	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.44	
26 05 36 00-0817	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	514.91	205.96
			<i>For 60 Degree Bend, Deduct</i>	-90.96	
			<i>For 30 Degree Bend, Deduct</i>	-163.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.33	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.75	
26 05 36 00-0818	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	581.90	241.78
			<i>For 60 Degree Bend, Deduct</i>	-99.34	
			<i>For 30 Degree Bend, Deduct</i>	-179.00	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.04	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.10	
26 05 36 00-0819			<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0820	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	272.59	86.93
			<i>For 60 Degree Bend, Deduct</i>	-56.65	
			<i>For 30 Degree Bend, Deduct</i>	-99.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.02	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.63	
26 05 36 00-0821	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	317.05	104.77
			<i>For 60 Degree Bend, Deduct</i>	-64.45	
			<i>For 30 Degree Bend, Deduct</i>	-113.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.97	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.85	
26 05 36 00-0822	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	347.69	121.00
			<i>For 60 Degree Bend, Deduct</i>	-68.36	
			<i>For 30 Degree Bend, Deduct</i>	-120.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.69	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.38	
26 05 36 00-0823	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	414.56	154.50
			<i>For 60 Degree Bend, Deduct</i>	-77.56	
			<i>For 30 Degree Bend, Deduct</i>	-137.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.73	
26 05 36 00-0824	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	502.37	191.93
			<i>For 60 Degree Bend, Deduct</i>	-92.22	
			<i>For 30 Degree Bend, Deduct</i>	-164.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.12	
26 05 36 00-0825	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	590.07	222.65
			<i>For 60 Degree Bend, Deduct</i>	-109.39	
			<i>For 30 Degree Bend, Deduct</i>	-194.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.50	
26 05 36 00-0826	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	671.72	265.07
			<i>For 60 Degree Bend, Deduct</i>	-120.08	
			<i>For 30 Degree Bend, Deduct</i>	-214.85	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.09	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.59	
26 05 36 00-0827			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0828	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	321.04	89.71
			<i>For 60 Degree Bend, Deduct</i>	-71.57	
			<i>For 30 Degree Bend, Deduct</i>	-124.27	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.63	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.05	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0829 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	356.80	108.95
For 60 Degree Bend, Deduct	-75.99	
For 30 Degree Bend, Deduct	-132.70	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.60	
For 6" Overall Height Instead Of 4-5/8", Add	17.84	
26 05 36 00-0830 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	389.64	126.45
For 60 Degree Bend, Deduct	-80.11	
For 30 Degree Bend, Deduct	-140.54	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.43	
For 6" Overall Height Instead Of 4-5/8", Add	19.48	
26 05 36 00-0831 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	470.00	163.66
For 60 Degree Bend, Deduct	-92.35	
For 30 Degree Bend, Deduct	-163.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.36	
For 6" Overall Height Instead Of 4-5/8", Add	23.50	
26 05 36 00-0832 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	584.28	205.96
For 60 Degree Bend, Deduct	-113.85	
For 30 Degree Bend, Deduct	-201.20	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.26	
For 6" Overall Height Instead Of 4-5/8", Add	29.21	
26 05 36 00-0833 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	658.57	241.78
For 60 Degree Bend, Deduct	-124.64	
For 30 Degree Bend, Deduct	-221.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.71	
For 6" Overall Height Instead Of 4-5/8", Add	32.93	
26 05 36 00-0834 EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	768.94	292.66
For 60 Degree Bend, Deduct	-141.55	
For 30 Degree Bend, Deduct	-252.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.50	
For 6" Overall Height Instead Of 4-5/8", Add	38.45	
<b>26 05 36 00-0835 90 Degree, 12" Radius Vertical Risers (26 05 36 00-0786)</b>		
26 05 36 00-0836 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	372.47	115.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.59	
For 6" Overall Height Instead Of 4-5/8", Add	18.62	
26 05 36 00-0837 EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	409.75	132.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.94	
For 6" Overall Height Instead Of 4-5/8", Add	20.49	
26 05 36 00-0838 EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	436.23	146.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.43	
For 6" Overall Height Instead Of 4-5/8", Add	21.81	
26 05 36 00-0839 EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	497.88	179.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.84	
For 6" Overall Height Instead Of 4-5/8", Add	24.89	
26 05 36 00-0840 EA 24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	551.94	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.03	
For 6" Overall Height Instead Of 4-5/8", Add	27.60	
26 05 36 00-0841 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	604.75	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.16	
For 6" Overall Height Instead Of 4-5/8", Add	30.24	
26 05 36 00-0842 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	665.96	264.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.54	
For 6" Overall Height Instead Of 4-5/8", Add	33.30	
<b>26 05 36 00-0843 90 Degree, 24" Radius Vertical Risers (26 05 36 00-0786)</b>		
26 05 36 00-0844 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	395.47	120.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.47	
For 6" Overall Height Instead Of 4-5/8", Add	19.77	
26 05 36 00-0845 EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	433.92	139.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.80	
For 6" Overall Height Instead Of 4-5/8", Add	21.70	
26 05 36 00-0846 EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	464.57	154.50
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.58	
For 6" Overall Height Instead Of 4-5/8", Add	23.23	
26 05 36 00-0847 EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	538.23	191.93
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.83	
For 6" Overall Height Instead Of 4-5/8", Add	26.91	
26 05 36 00-0848 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	602.46	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.70	
For 6" Overall Height Instead Of 4-5/8", Add	30.12	
26 05 36 00-0849 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	665.65	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.51	
For 6" Overall Height Instead Of 4-5/8", Add	33.28	
26 05 36 00-0850 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	748.60	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.47	
For 6" Overall Height Instead Of 4-5/8", Add	37.43	
<b>26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers (26 05 36 00-0786)</b>		
26 05 36 00-0852 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	510.49	126.33
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.52	
For 6" Overall Height Instead Of 4-5/8", Add	25.52	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0853	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	550.33	146.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.84	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.52	
26 05 36 00-0854	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	598.83	163.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.24	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.94	
26 05 36 00-0855	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	682.33	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.12	
26 05 36 00-0856	EA		24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	755.06	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.36	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.75	
26 05 36 00-0857	EA		30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	841.75	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.99	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.09	
26 05 36 00-0858	EA		36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	939.10	326.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.68	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.96	
<b>26 05 36 00-0859</b>			<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0860	EA		6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	577.82	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.89	
26 05 36 00-0861	EA		9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	623.37	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.19	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.17	
26 05 36 00-0862	EA		12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	644.92	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.25	
26 05 36 00-0863	EA		18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	731.44	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.96	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.57	
26 05 36 00-0864	EA		24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	809.62	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.23	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.48	
26 05 36 00-0865	EA		30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	888.10	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.53	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.41	
26 05 36 00-0866	EA		36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	1,028.04	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.91	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.40	
<b>26 05 36 00-0867</b>			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0868	EA		6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	755.59	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.78	
26 05 36 00-0869	EA		9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	814.63	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.38	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.73	
26 05 36 00-0870	EA		12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	846.71	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.49	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.34	
26 05 36 00-0871	EA		18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	931.67	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.58	
26 05 36 00-0872	EA		24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	1,033.81	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.69	
26 05 36 00-0873	EA		30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	1,116.19	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.81	
26 05 36 00-0874	EA		36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	1,476.50	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.97	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.83	
<b>26 05 36 00-0875</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0876	EA		6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	940.07	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.92	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.00	
26 05 36 00-0877	EA		9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	999.74	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.99	
26 05 36 00-0878	EA		12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	1,074.06	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.67	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.70	
26 05 36 00-0879	EA		18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	1,169.42	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.97	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	58.47	
26 05 36 00-0880	EA		24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	1,312.48	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.62	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0881 EA 30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,537.52	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-118.07	
For 6" Overall Height Instead Of 4-5/8", Add	76.88	
26 05 36 00-0882 EA 36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,757.70	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-133.65	
For 6" Overall Height Instead Of 4-5/8", Add	87.89	
<b>26 05 36 00-0883 12" Radius Vertical Tees (26 05 36 00-0786)</b>		
26 05 36 00-0884 EA 6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	807.77	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.61	
For 6" Overall Height Instead Of 4-5/8", Add	40.39	
26 05 36 00-0885 EA 9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	834.87	214.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.65	
For 6" Overall Height Instead Of 4-5/8", Add	41.74	
26 05 36 00-0886 EA 12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	852.43	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.69	
For 6" Overall Height Instead Of 4-5/8", Add	42.62	
26 05 36 00-0887 EA 18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	894.59	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.31	
For 6" Overall Height Instead Of 4-5/8", Add	44.73	
26 05 36 00-0888 EA 24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	953.43	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.29	
For 6" Overall Height Instead Of 4-5/8", Add	47.67	
26 05 36 00-0889 EA 30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,006.05	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.42	
For 6" Overall Height Instead Of 4-5/8", Add	50.30	
26 05 36 00-0890 EA 36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,074.06	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.67	
For 6" Overall Height Instead Of 4-5/8", Add	53.70	
<b>26 05 36 00-0891 24" Radius Vertical Tees (26 05 36 00-0786)</b>		
26 05 36 00-0892 EA 6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,157.55	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-97.20	
For 6" Overall Height Instead Of 4-5/8", Add	57.88	
26 05 36 00-0893 EA 9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,183.05	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.99	
For 6" Overall Height Instead Of 4-5/8", Add	59.15	
26 05 36 00-0894 EA 12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,209.88	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-100.84	
For 6" Overall Height Instead Of 4-5/8", Add	60.49	
26 05 36 00-0895 EA 18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,272.31	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-105.15	
For 6" Overall Height Instead Of 4-5/8", Add	63.62	
26 05 36 00-0896 EA 24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,314.56	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-108.28	
For 6" Overall Height Instead Of 4-5/8", Add	65.73	
26 05 36 00-0897 EA 30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,385.96	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.86	
For 6" Overall Height Instead Of 4-5/8", Add	69.30	
26 05 36 00-0898 EA 36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,528.79	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-123.90	
For 6" Overall Height Instead Of 4-5/8", Add	76.44	
<b>26 05 36 00-0899 36" Radius Vertical Tee (26 05 36 00-0786)</b>		
26 05 36 00-0900 EA 6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,899.29	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-169.78	
For 6" Overall Height Instead Of 4-5/8", Add	94.96	
26 05 36 00-0901 EA 9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,936.87	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-172.63	
For 6" Overall Height Instead Of 4-5/8", Add	96.84	
26 05 36 00-0902 EA 12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,976.84	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-175.60	
For 6" Overall Height Instead Of 4-5/8", Add	98.84	
26 05 36 00-0903 EA 18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,042.41	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-179.85	
For 6" Overall Height Instead Of 4-5/8", Add	102.12	
26 05 36 00-0904 EA 24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,088.70	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-183.14	
For 6" Overall Height Instead Of 4-5/8", Add	104.44	
26 05 36 00-0905 EA 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,211.82	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-192.21	
For 6" Overall Height Instead Of 4-5/8", Add	110.59	
26 05 36 00-0906 EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,313.28	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-198.25	
For 6" Overall Height Instead Of 4-5/8", Add	115.66	
<b>26 05 36 00-0907 12" Radius Horizontal Crosses (26 05 36 00-0786)</b>		
26 05 36 00-0908 EA 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	751.78	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.00	
For 6" Overall Height Instead Of 4-5/8", Add	37.59	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0909	EA 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	806.49 -56.26 40.32	292.66
26 05 36 00-0910	EA 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	836.74 -57.94 41.84	308.76
26 05 36 00-0911	EA 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	935.56 -66.27 46.78	327.43
26 05 36 00-0912	EA 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,021.26 -71.24 51.06	370.66
26 05 36 00-0913	EA 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,136.19 -80.54 56.81	396.97
26 05 36 00-0914	EA 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,306.98 -95.01 65.35	428.26
<b>26 05 36 00-0915 24" Radius Horizontal Crosses (26 05 36 00-0786)</b>			
26 05 36 00-0916	EA 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,067.28 -80.99 53.36	308.76
26 05 36 00-0917	EA 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,115.24 -84.24 55.76	327.43
26 05 36 00-0918	EA 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,166.03 -87.63 58.30	347.71
26 05 36 00-0919	EA 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,234.85 -92.59 61.74	370.66
26 05 36 00-0920	EA 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,384.96 -102.81 69.25	428.26
26 05 36 00-0921	EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,560.06 -117.37 78.00	463.61
26 05 36 00-0922	EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,729.98 -130.88 86.50	505.34
<b>26 05 36 00-0923 36" Radius Horizontal Crosses (26 05 36 00-0786)</b>			
26 05 36 00-0924	EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,230.45 -94.07 61.52	347.71
26 05 36 00-0925	EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,360.62 -105.17 68.03	370.66
26 05 36 00-0926	EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,448.92 -111.81 72.45	396.97
26 05 36 00-0927	EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,479.89 -112.30 73.99	428.26
26 05 36 00-0928	EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,791.60 -137.04 89.58	505.34
26 05 36 00-0929	EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,976.73 -151.39 98.84	555.41
26 05 36 00-0930	EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,200.81 -168.52 110.04	618.69
<b>26 05 36 00-0931 12" Radius Vertical Cross (26 05 36 00-0786)</b>			
26 05 36 00-0932	EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	751.78 -52.00 37.59	278.17
26 05 36 00-0933	EA 9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	806.66 -56.27 40.33	292.78
26 05 36 00-0934	EA 12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	836.65 -57.94 41.83	308.76
26 05 36 00-0935	EA 18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	935.77 -66.28 46.79	327.55
26 05 36 00-0936	EA 24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,021.26 -71.24 51.06	370.66





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0937 EA 30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,136.49	397.09
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.56	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.82	
26 05 36 00-0938 EA 36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,306.11	427.69
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.97	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.31	
<b>26 05 36 00-0939 24" Radius Vertical Crosses</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0940 EA 6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,067.28	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.36	
26 05 36 00-0941 EA 9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,115.24	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.24	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.76	
26 05 36 00-0942 EA 12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,166.03	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.63	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	58.30	
26 05 36 00-0943 EA 18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,234.85	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.59	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	61.74	
26 05 36 00-0944 EA 24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,384.96	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-102.81	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	69.25	
26 05 36 00-0945 EA 30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,491.42	463.61
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.51	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.57	
26 05 36 00-0946 EA 36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,652.60	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.14	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	82.63	
<b>26 05 36 00-0947 36" Radius Vertical Crosses</b> <small>(26 05 36 00-0786)</small>		
26 05 36 00-0948 EA 6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,523.37	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.36	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	76.17	
26 05 36 00-0949 EA 9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,600.99	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-129.21	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	80.05	
26 05 36 00-0950 EA 12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,703.71	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-137.29	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	85.19	
26 05 36 00-0951 EA 18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,824.68	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-146.78	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	91.23	
26 05 36 00-0952 EA 24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,218.77	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-179.76	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	110.94	
26 05 36 00-0953 EA 30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,449.67	555.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-198.68	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	122.48	
26 05 36 00-0954 EA 36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,727.14	618.69
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-221.16	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	136.36	
<b>26 05 36 00-0955 6" Rung Tray Fittings</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-0956 90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0957 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	317.30	116.25
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.05	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.87	
26 05 36 00-0958 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	347.42	132.37
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.71	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.37	
26 05 36 00-0959 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	394.11	146.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.22	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.71	
26 05 36 00-0960 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	468.02	179.41
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.85	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.40	
26 05 36 00-0961 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	552.98	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.13	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.65	
26 05 36 00-0962 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	608.53	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.54	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.43	
26 05 36 00-0963 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	710.70	264.95
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.54	
<b>26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0965	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	420.57	120.89
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.98	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.03	
26 05 36 00-0966	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	460.08	138.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.00	
26 05 36 00-0967	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	496.97	154.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.82	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.85	
26 05 36 00-0968	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	579.57	191.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.97	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.98	
26 05 36 00-0969	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	655.79	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.03	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.79	
26 05 36 00-0970	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	732.54	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.20	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.63	
26 05 36 00-0971	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	838.31	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.44	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.92	
<b>26 05 36 00-0972</b>			<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0973	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	451.55	126.33
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.63	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.58	
26 05 36 00-0974	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	490.93	146.27
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.91	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.55	
26 05 36 00-0975	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	548.23	163.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.18	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.41	
26 05 36 00-0976	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	653.13	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.66	
26 05 36 00-0977	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	753.50	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.20	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.68	
26 05 36 00-0978	EA		30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	848.53	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.67	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.43	
26 05 36 00-0979	EA		36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	985.91	326.85
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.36	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.30	
<b>26 05 36 00-0980</b>			<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0981	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	221.75	84.26
			<i>For 60 Degree Bend, Deduct</i>	-40.89	
			<i>For 30 Degree Bend, Deduct</i>	-72.83	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.09	
26 05 36 00-0982	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	252.87	101.06
			<i>For 60 Degree Bend, Deduct</i>	-44.72	
			<i>For 30 Degree Bend, Deduct</i>	-80.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.64	
26 05 36 00-0983	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	280.80	115.91
			<i>For 60 Degree Bend, Deduct</i>	-48.23	
			<i>For 30 Degree Bend, Deduct</i>	-86.83	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.04	
26 05 36 00-0984	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	347.38	146.50
			<i>For 60 Degree Bend, Deduct</i>	-58.49	
			<i>For 30 Degree Bend, Deduct</i>	-105.62	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.53	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.37	
26 05 36 00-0985	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	427.34	179.41
			<i>For 60 Degree Bend, Deduct</i>	-72.25	
			<i>For 30 Degree Bend, Deduct</i>	-130.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.78	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.37	
26 05 36 00-0986	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	490.39	205.96
			<i>For 60 Degree Bend, Deduct</i>	-82.87	
			<i>For 30 Degree Bend, Deduct</i>	-149.56	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.52	
26 05 36 00-0987	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	556.34	241.78
			<i>For 60 Degree Bend, Deduct</i>	-90.90	
			<i>For 30 Degree Bend, Deduct</i>	-164.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.48	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-0988    45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0989    EA    6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	254.33	86.93
For 60 Degree Bend, Deduct	-50.62	
For 30 Degree Bend, Deduct	-89.20	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.19	
For 6" Overall Height Instead Of 4-5/8", Add	12.72	
26 05 36 00-0990    EA    9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	296.71	104.77
For 60 Degree Bend, Deduct	-57.74	
For 30 Degree Bend, Deduct	-102.06	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.94	
For 6" Overall Height Instead Of 4-5/8", Add	14.84	
26 05 36 00-0991    EA    12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	326.83	121.00
For 60 Degree Bend, Deduct	-61.47	
For 30 Degree Bend, Deduct	-109.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.60	
For 6" Overall Height Instead Of 4-5/8", Add	16.34	
26 05 36 00-0992    EA    18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	392.14	154.50
For 60 Degree Bend, Deduct	-70.17	
For 30 Degree Bend, Deduct	-125.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.34	
For 6" Overall Height Instead Of 4-5/8", Add	19.61	
26 05 36 00-0993    EA    24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	476.29	191.93
For 60 Degree Bend, Deduct	-83.62	
For 30 Degree Bend, Deduct	-150.02	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.64	
For 6" Overall Height Instead Of 4-5/8", Add	23.81	
26 05 36 00-0994    EA    30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	558.78	222.65
For 60 Degree Bend, Deduct	-99.07	
For 30 Degree Bend, Deduct	-177.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.33	
For 6" Overall Height Instead Of 4-5/8", Add	27.94	
26 05 36 00-0995    EA    36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	638.86	265.07
For 60 Degree Bend, Deduct	-109.23	
For 30 Degree Bend, Deduct	-196.78	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.80	
For 6" Overall Height Instead Of 4-5/8", Add	31.94	
<b>26 05 36 00-0996    45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-0997    EA    6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	296.52	89.71
For 60 Degree Bend, Deduct	-63.48	
For 30 Degree Bend, Deduct	-110.78	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.18	
For 6" Overall Height Instead Of 4-5/8", Add	14.83	
26 05 36 00-0998    EA    9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	331.76	108.95
For 60 Degree Bend, Deduct	-67.72	
For 30 Degree Bend, Deduct	-118.93	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.10	
For 6" Overall Height Instead Of 4-5/8", Add	16.59	
26 05 36 00-0999    EA    12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	364.08	126.45
For 60 Degree Bend, Deduct	-71.68	
For 30 Degree Bend, Deduct	-126.49	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.87	
For 6" Overall Height Instead Of 4-5/8", Add	18.20	
26 05 36 00-1000    EA    18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	441.83	163.66
For 60 Degree Bend, Deduct	-83.05	
For 30 Degree Bend, Deduct	-147.51	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.54	
For 6" Overall Height Instead Of 4-5/8", Add	22.09	
26 05 36 00-1001    EA    24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	549.85	205.96
For 60 Degree Bend, Deduct	-102.49	
For 30 Degree Bend, Deduct	-182.26	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.82	
For 6" Overall Height Instead Of 4-5/8", Add	27.49	
26 05 36 00-1002    EA    30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	622.06	241.78
For 60 Degree Bend, Deduct	-112.59	
For 30 Degree Bend, Deduct	-201.08	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.06	
For 6" Overall Height Instead Of 4-5/8", Add	31.10	
26 05 36 00-1003    EA    36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	728.78	292.66
For 60 Degree Bend, Deduct	-128.30	
For 30 Degree Bend, Deduct	-230.10	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.49	
For 6" Overall Height Instead Of 4-5/8", Add	36.44	
<b>26 05 36 00-1004    90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1005    EA    6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	358.13	115.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.15	
For 6" Overall Height Instead Of 4-5/8", Add	17.91	
26 05 36 00-1006    EA    9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	394.63	132.37
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.43	
For 6" Overall Height Instead Of 4-5/8", Add	19.73	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1007	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	420.84 -29.89 21.04	146.39
26 05 36 00-1008	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	481.97 -33.25 24.10	179.41
26 05 36 00-1009	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	535.25 -36.36 26.76	205.96
26 05 36 00-1010	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.28 -39.41 29.36	231.81
26 05 36 00-1011	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	647.97 -42.75 32.40	264.61
<b>26 05 36 00-1012</b>	<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1013	EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	379.95 -27.92 19.00	120.89
26 05 36 00-1014	EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	417.75 -30.18 20.89	139.08
26 05 36 00-1015	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	448.01 -31.92 22.40	154.50
26 05 36 00-1016	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	520.76 -36.09 26.04	191.93
26 05 36 00-1017	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	583.94 -39.84 29.20	222.65
26 05 36 00-1018	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	646.09 -43.55 32.30	252.67
26 05 36 00-1019	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	727.74 -48.38 36.39	292.66
<b>26 05 36 00-1020</b>	<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1021	EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	486.49 -38.12 24.32	126.33
26 05 36 00-1022	EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	525.81 -40.39 26.29	146.39
26 05 36 00-1023	EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	572.75 -43.63 28.64	163.66
26 05 36 00-1024	EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	655.21 -48.36 32.76	205.96
26 05 36 00-1025	EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	726.90 -52.54 36.35	241.78
26 05 36 00-1026	EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	811.50 -57.97 40.58	278.17
26 05 36 00-1027	EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	907.55 -63.52 45.38	326.85
<b>26 05 36 00-1028</b>	<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1029	EA 6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	561.91 -37.64 28.10	222.65
26 05 36 00-1030	EA 9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	606.42 -40.49 30.32	241.78
26 05 36 00-1031	EA 12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	627.70 -41.71 31.39	252.67
26 05 36 00-1032	EA 18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	710.84 -47.90 35.54	278.17
26 05 36 00-1033	EA 24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	786.93 -52.96 39.35	308.76
26 05 36 00-1034	EA 30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	861.76 -58.89 43.09	327.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1035 EA 36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	996.48	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.76	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.82	
<b>26 05 36 00-1036 24" Radius Horizontal Tees</b> (26 05 36 00-0955)		
26 05 36 00-1037 EA 6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	728.46	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.70	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.42	
26 05 36 00-1038 EA 9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	785.94	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.51	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.30	
26 05 36 00-1039 EA 12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	817.24	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.54	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.86	
26 05 36 00-1040 EA 18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	899.59	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.23	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.98	
26 05 36 00-1041 EA 24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	998.87	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.91	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.94	
26 05 36 00-1042 EA 30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,077.85	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.89	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.89	
26 05 36 00-1043 EA 36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,417.82	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.10	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	70.89	
<b>26 05 36 00-1044 36" Radius Horizontal Tees</b> (26 05 36 00-0955)		
26 05 36 00-1045 EA 6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	901.73	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.09	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.09	
26 05 36 00-1046 EA 9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	960.36	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.65	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.02	
26 05 36 00-1047 EA 12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,031.03	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.37	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.55	
26 05 36 00-1048 EA 18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,124.05	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.43	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.20	
26 05 36 00-1049 EA 24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,262.41	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.16	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.12	
26 05 36 00-1050 EA 30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,474.15	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-111.73	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.71	
26 05 36 00-1051 EA 36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,687.28	505.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.61	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	84.36	
<b>26 05 36 00-1052 12" Radius Vertical Tees</b> (26 05 36 00-0955)		
26 05 36 00-1053 EA 6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	772.05	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.04	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.60	
26 05 36 00-1054 EA 9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	798.09	214.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.97	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.90	
26 05 36 00-1055 EA 12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	815.39	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.77	
26 05 36 00-1056 EA 18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	856.77	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.53	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.84	
26 05 36 00-1057 EA 24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	912.49	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.19	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.62	
26 05 36 00-1058 EA 30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	964.32	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.25	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.22	
26 05 36 00-1059 EA 36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,031.03	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.37	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.55	
<b>26 05 36 00-1060 24" Radius Vertical Tees</b> (26 05 36 00-0955)		
26 05 36 00-1061 EA 6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,097.05	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.15	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.85	
26 05 36 00-1062 EA 9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,121.76	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.86	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.09	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1063	EA		12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,147.81 -94.63 57.39	241.78
26 05 36 00-1064	EA		18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,208.42 -98.76 60.42	265.07
26 05 36 00-1065	EA		24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,249.11 -101.73 62.46	278.17
26 05 36 00-1066	EA		30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,318.94 -106.16 65.95	308.76
26 05 36 00-1067	EA		36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,455.77 -116.60 72.79	347.71
<b>26 05 36 00-1068</b>			<b>36" Radius Vertical Tees</b> (26 05 36 00-0955)		
26 05 36 00-1069	EA		6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,784.19 -158.27 89.21	241.78
26 05 36 00-1070	EA		9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,820.28 -160.97 91.01	252.67
26 05 36 00-1071	EA		12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,858.75 -163.79 92.94	265.07
26 05 36 00-1072	EA		18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,922.82 -167.89 96.14	292.66
26 05 36 00-1073	EA		24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,967.62 -171.03 98.38	308.76
26 05 36 00-1074	EA		30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,086.26 -179.65 104.31	347.71
26 05 36 00-1075	EA		36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,186.22 -185.54 109.31	396.97
<b>26 05 36 00-1076</b>			<b>12" Radius Horizontal Crosses</b> (26 05 36 00-0955)		
26 05 36 00-1077	EA		6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	729.61 -49.78 36.48	278.17
26 05 36 00-1078	EA		9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	781.98 -53.81 39.10	292.66
26 05 36 00-1079	EA		12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	811.97 -55.46 40.60	308.76
26 05 36 00-1080	EA		18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	905.57 -63.27 45.28	327.43
26 05 36 00-1081	EA		24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	990.23 -68.13 49.51	370.66
26 05 36 00-1082	EA		30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,099.67 -76.89 54.98	396.97
26 05 36 00-1083	EA		36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,261.35 -90.45 63.07	428.26
<b>26 05 36 00-1084</b>			<b>24" Radius Horizontal Crosses</b> (26 05 36 00-0955)		
26 05 36 00-1085	EA		6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,024.77 -76.74 51.24	308.76
26 05 36 00-1086	EA		9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,071.43 -79.86 53.57	327.43
26 05 36 00-1087	EA		12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,120.92 -83.12 56.05	347.71
26 05 36 00-1088	EA		18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,187.38 -87.85 59.37	370.66
26 05 36 00-1089	EA		24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,333.32 -97.65 66.67	428.26
26 05 36 00-1090	EA		30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,436.14 -104.98 71.81	463.61



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1091 EA 36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,590.27 -116.91 79.51	505.34
<b>26 05 36 00-1092 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1093 EA 6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,180.38 -89.06 59.02	347.71
26 05 36 00-1094 EA 9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,243.71 -93.48 62.19	370.66
26 05 36 00-1095 EA 12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,325.00 -99.42 66.25	396.97
26 05 36 00-1096 EA 18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,420.95 -106.41 71.05	428.26
26 05 36 00-1097 EA 24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,718.58 -129.74 85.93	505.34
26 05 36 00-1098 EA 30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,895.88 -143.30 94.79	555.41
26 05 36 00-1099 EA 36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,110.83 -159.52 105.54	618.69
<b>26 05 36 00-1100 12" Radius Vertical Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1101 EA 6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	729.61 -49.78 36.48	278.17
26 05 36 00-1102 EA 9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	782.15 -53.82 39.11	292.78
26 05 36 00-1103 EA 12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	811.88 -55.46 40.59	308.76
26 05 36 00-1104 EA 18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	905.78 -63.28 45.29	327.55
26 05 36 00-1105 EA 24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	990.23 -68.13 49.51	370.66
26 05 36 00-1106 EA 30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,099.97 -76.90 55.00	397.09
26 05 36 00-1107 EA 36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,260.48 -90.41 63.02	427.69
<b>26 05 36 00-1108 24" Radius Vertical Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1109 EA 6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,024.77 -76.74 51.24	308.76
26 05 36 00-1110 EA 9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,071.43 -79.86 53.57	327.43
26 05 36 00-1111 EA 12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,120.92 -83.12 56.05	347.71
26 05 36 00-1112 EA 18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,187.38 -87.85 59.37	370.66
26 05 36 00-1113 EA 24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,333.32 -97.65 66.67	428.26
26 05 36 00-1114 EA 30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,436.14 -104.98 71.81	463.61
26 05 36 00-1115 EA 36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,590.27 -116.91 79.51	505.34
<b>26 05 36 00-1116 36" Radius Vertical Crosses</b> <small>(26 05 36 00-0955)</small>		
26 05 36 00-1117 EA 6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,450.76 -116.10 72.54	347.71
26 05 36 00-1118 EA 9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,525.36 -121.65 76.27	370.66

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1119	EA		12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,623.55 -129.28 81.18	396.97
26 05 36 00-1120	EA		18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	1,739.21 -138.24 86.96	428.26
26 05 36 00-1121	EA		24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,112.89 -169.17 105.64	505.34
26 05 36 00-1122	EA		30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,332.44 -186.96 116.62	555.41
26 05 36 00-1123	EA		36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	2,596.68 -208.11 129.83	618.69
<b>26 05 36 00-1124</b>			<b>9" Rung Tray Fittings</b> <small>(26 05 36 00-0744)</small>		
<b>26 05 36 00-1125</b>			<b>90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1126	EA		6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	296.70 -19.99 14.84	116.25
26 05 36 00-1127	EA		9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	326.30 -21.60 16.32	132.37
26 05 36 00-1128	EA		12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	369.08 -24.71 18.45	146.39
26 05 36 00-1129	EA		18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	439.86 -29.03 21.99	179.41
26 05 36 00-1130	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	518.04 -34.64 25.90	205.96
26 05 36 00-1131	EA		30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	571.50 -37.83 28.58	231.81
26 05 36 00-1132	EA		36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	665.85 -44.51 33.29	264.95
<b>26 05 36 00-1133</b>			<b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1134	EA		6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	384.06 -28.33 19.20	120.89
26 05 36 00-1135	EA		9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	422.01 -30.62 21.10	138.97
26 05 36 00-1136	EA		12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	457.07 -32.83 22.85	154.50
26 05 36 00-1137	EA		18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	536.27 -37.64 26.81	191.93
26 05 36 00-1138	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	608.33 -42.28 30.42	222.65
26 05 36 00-1139	EA		30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	680.64 -47.01 34.03	252.67
26 05 36 00-1140	EA		36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	779.89 -53.60 38.99	292.66
<b>26 05 36 00-1141</b>			<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1142	EA		6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	411.39 -30.61 20.57	126.33
26 05 36 00-1143	EA		9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	449.72 -32.79 22.49	146.27
26 05 36 00-1144	EA		12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	502.33 -36.59 25.12	163.66
26 05 36 00-1145	EA		18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	601.49 -42.98 30.07	205.96
26 05 36 00-1146	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	695.08 -49.36 34.75	241.78



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1147 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	784.38	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.26	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.22	
26 05 36 00-1148 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	912.37	326.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.00	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.62	
<b>26 05 36 00-1149 45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1150 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	208.18	84.26
<i>For 60 Degree Bend, Deduct</i>	-36.41	
<i>For 30 Degree Bend, Deduct</i>	-65.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.80	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.41	
26 05 36 00-1151 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	238.78	101.06
<i>For 60 Degree Bend, Deduct</i>	-40.07	
<i>For 30 Degree Bend, Deduct</i>	-72.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.46	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.94	
26 05 36 00-1152 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	266.20	115.91
<i>For 60 Degree Bend, Deduct</i>	-43.41	
<i>For 30 Degree Bend, Deduct</i>	-78.80	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.96	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.31	
26 05 36 00-1153 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	330.17	146.50
<i>For 60 Degree Bend, Deduct</i>	-52.81	
<i>For 30 Degree Bend, Deduct</i>	-96.16	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.81	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.51	
26 05 36 00-1154 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	405.95	179.41
<i>For 60 Degree Bend, Deduct</i>	-65.19	
<i>For 30 Degree Bend, Deduct</i>	-118.61	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.64	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.30	
26 05 36 00-1155 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	465.88	205.96
<i>For 60 Degree Bend, Deduct</i>	-74.78	
<i>For 30 Degree Bend, Deduct</i>	-136.08	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.42	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.29	
26 05 36 00-1156 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	530.79	241.78
<i>For 60 Degree Bend, Deduct</i>	-82.47	
<i>For 30 Degree Bend, Deduct</i>	-150.88	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.93	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.54	
<b>26 05 36 00-1157 45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1158 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	236.08	86.93
<i>For 60 Degree Bend, Deduct</i>	-44.60	
<i>For 30 Degree Bend, Deduct</i>	-79.16	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.37	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.80	
26 05 36 00-1159 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	276.37	104.77
<i>For 60 Degree Bend, Deduct</i>	-51.03	
<i>For 30 Degree Bend, Deduct</i>	-90.87	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.90	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.82	
26 05 36 00-1160 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	305.97	121.00
<i>For 60 Degree Bend, Deduct</i>	-54.59	
<i>For 30 Degree Bend, Deduct</i>	-97.71	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.51	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.30	
26 05 36 00-1161 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	369.71	154.50
<i>For 60 Degree Bend, Deduct</i>	-62.76	
<i>For 30 Degree Bend, Deduct</i>	-113.19	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.09	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.49	
26 05 36 00-1162 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	450.21	191.93
<i>For 60 Degree Bend, Deduct</i>	-75.01	
<i>For 30 Degree Bend, Deduct</i>	-135.68	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.03	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.51	
26 05 36 00-1163 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	527.48	222.65
<i>For 60 Degree Bend, Deduct</i>	-88.74	
<i>For 30 Degree Bend, Deduct</i>	-160.26	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.20	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.37	
26 05 36 00-1164 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	606.00	265.07
<i>For 60 Degree Bend, Deduct</i>	-98.39	
<i>For 30 Degree Bend, Deduct</i>	-178.71	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.52	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.30	
<b>26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1124)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1166	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	272.01	89.71
			<i>For 60 Degree Bend, Deduct</i>	-55.39	
			<i>For 30 Degree Bend, Deduct</i>	-97.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.60	
26 05 36 00-1167	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	306.73	108.95
			<i>For 60 Degree Bend, Deduct</i>	-59.46	
			<i>For 30 Degree Bend, Deduct</i>	-105.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.60	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.34	
26 05 36 00-1168	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	338.53	126.45
			<i>For 60 Degree Bend, Deduct</i>	-63.24	
			<i>For 30 Degree Bend, Deduct</i>	-112.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.93	
26 05 36 00-1169	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	413.67	163.66
			<i>For 60 Degree Bend, Deduct</i>	-73.76	
			<i>For 30 Degree Bend, Deduct</i>	-132.02	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.68	
26 05 36 00-1170	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	515.43	205.96
			<i>For 60 Degree Bend, Deduct</i>	-91.13	
			<i>For 30 Degree Bend, Deduct</i>	-163.33	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.38	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.77	
26 05 36 00-1171	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	585.55	241.78
			<i>For 60 Degree Bend, Deduct</i>	-100.54	
			<i>For 30 Degree Bend, Deduct</i>	-181.00	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.41	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.28	
26 05 36 00-1172	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	688.62	292.66
			<i>For 60 Degree Bend, Deduct</i>	-115.05	
			<i>For 30 Degree Bend, Deduct</i>	-208.01	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.47	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.43	
<b>26 05 36 00-1173</b>			<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1174	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	336.61	115.91
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.00	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.83	
26 05 36 00-1175	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	371.94	132.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.16	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.60	
26 05 36 00-1176	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	397.77	146.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.89	
26 05 36 00-1177	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	458.11	179.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.86	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.91	
26 05 36 00-1178	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	510.21	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.86	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.51	
26 05 36 00-1179	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	561.07	231.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.79	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.05	
26 05 36 00-1180	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	620.97	264.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.05	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.05	
<b>26 05 36 00-1181</b>			<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1182	EA		6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	356.68	120.89
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.83	
26 05 36 00-1183	EA		9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	393.50	139.08
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.76	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.68	
26 05 36 00-1184	EA		12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	423.17	154.50
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.44	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.16	
26 05 36 00-1185	EA		18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	494.55	191.93
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.73	
26 05 36 00-1186	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	556.17	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.81	
26 05 36 00-1187	EA		30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	616.75	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.62	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.84	
26 05 36 00-1188	EA		36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	696.44	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.25	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.82	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1189</b>				<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1124)</small>		
				EA 6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	450.51	126.33
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.52	
				For 6" Overall Height Instead Of 4-5/8", Add	22.53	
				EA 9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	489.04	146.39
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.71	
				For 6" Overall Height Instead Of 4-5/8", Add	24.45	
				EA 12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	533.63	163.66
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.72	
				For 6" Overall Height Instead Of 4-5/8", Add	26.68	
				EA 18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	614.53	205.96
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.29	
				For 6" Overall Height Instead Of 4-5/8", Add	30.73	
				EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	684.65	241.78
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.32	
				For 6" Overall Height Instead Of 4-5/8", Add	34.23	
				EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	766.12	278.17
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.43	
				For 6" Overall Height Instead Of 4-5/8", Add	38.31	
				EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	860.21	326.85
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.79	
				For 6" Overall Height Instead Of 4-5/8", Add	43.01	
<b>26 05 36 00-1197</b>				<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
				EA 6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	530.09	222.65
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.46	
				For 6" Overall Height Instead Of 4-5/8", Add	26.50	
				EA 9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	572.51	241.78
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.10	
				For 6" Overall Height Instead Of 4-5/8", Add	28.63	
				EA 12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	593.28	252.67
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.27	
				For 6" Overall Height Instead Of 4-5/8", Add	29.66	
				EA 18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	669.63	278.17
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.78	
				For 6" Overall Height Instead Of 4-5/8", Add	33.48	
				EA 24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	741.56	308.76
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.42	
				For 6" Overall Height Instead Of 4-5/8", Add	37.08	
				EA 30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	809.08	327.43
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.62	
				For 6" Overall Height Instead Of 4-5/8", Add	40.45	
				EA 36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray .....	933.37	370.66
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.45	
				For 6" Overall Height Instead Of 4-5/8", Add	46.67	
<b>26 05 36 00-1205</b>				<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
				EA 6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	674.22	241.78
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.27	
				For 6" Overall Height Instead Of 4-5/8", Add	33.71	
				EA 9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	728.57	265.07
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.77	
				For 6" Overall Height Instead Of 4-5/8", Add	36.43	
				EA 12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	758.30	278.17
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.65	
				For 6" Overall Height Instead Of 4-5/8", Add	37.92	
				EA 18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	835.44	308.76
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.81	
				For 6" Overall Height Instead Of 4-5/8", Add	41.77	
				EA 24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	928.98	347.71
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.92	
				For 6" Overall Height Instead Of 4-5/8", Add	46.45	
				EA 30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	1,001.18	370.66
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.23	
				For 6" Overall Height Instead Of 4-5/8", Add	50.06	
				EA 36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray .....	1,300.46	428.26
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-94.36	
				For 6" Overall Height Instead Of 4-5/8", Add	65.02	
<b>26 05 36 00-1213</b>				<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1124)</small>		
				EA 6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	825.06	265.07
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-60.42	
				For 6" Overall Height Instead Of 4-5/8", Add	41.25	
				EA 9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	881.60	292.66
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.77	
				For 6" Overall Height Instead Of 4-5/8", Add	44.08	
				EA 12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray .....	944.97	308.76
				For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.76	
				For 6" Overall Height Instead Of 4-5/8", Add	47.25	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1217 EA 18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,033.29	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.35	
For 6" Overall Height Instead Of 4-5/8", Add	51.66	
26 05 36 00-1218 EA 24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,162.26	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.15	
For 6" Overall Height Instead Of 4-5/8", Add	58.11	
26 05 36 00-1219 EA 30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,347.41	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-99.06	
For 6" Overall Height Instead Of 4-5/8", Add	67.37	
26 05 36 00-1220 EA 36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,546.46	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.53	
For 6" Overall Height Instead Of 4-5/8", Add	77.32	
<b>26 05 36 00-1221 12" Radius Vertical Tees (26 05 36 00-1124)</b>		
26 05 36 00-1222 EA 6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	700.59	205.96
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.89	
For 6" Overall Height Instead Of 4-5/8", Add	35.03	
26 05 36 00-1223 EA 9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	724.55	214.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.61	
For 6" Overall Height Instead Of 4-5/8", Add	36.23	
26 05 36 00-1224 EA 12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	741.33	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.58	
For 6" Overall Height Instead Of 4-5/8", Add	37.07	
26 05 36 00-1225 EA 18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	781.14	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.96	
For 6" Overall Height Instead Of 4-5/8", Add	39.06	
26 05 36 00-1226 EA 24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	830.60	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.00	
For 6" Overall Height Instead Of 4-5/8", Add	41.53	
26 05 36 00-1227 EA 30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	880.87	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.91	
For 6" Overall Height Instead Of 4-5/8", Add	44.04	
26 05 36 00-1228 EA 36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	944.97	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.76	
For 6" Overall Height Instead Of 4-5/8", Add	47.25	
<b>26 05 36 00-1229 24" Radius Vertical Tees (26 05 36 00-1124)</b>		
26 05 36 00-1230 EA 6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	976.04	222.65
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.05	
For 6" Overall Height Instead Of 4-5/8", Add	48.80	
26 05 36 00-1231 EA 9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	999.19	231.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.60	
For 6" Overall Height Instead Of 4-5/8", Add	49.96	
26 05 36 00-1232 EA 12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,023.68	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.22	
For 6" Overall Height Instead Of 4-5/8", Add	51.18	
26 05 36 00-1233 EA 18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,080.63	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.98	
For 6" Overall Height Instead Of 4-5/8", Add	54.03	
26 05 36 00-1234 EA 24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,118.19	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.64	
For 6" Overall Height Instead Of 4-5/8", Add	55.91	
26 05 36 00-1235 EA 30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,184.90	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-92.76	
For 6" Overall Height Instead Of 4-5/8", Add	59.25	
26 05 36 00-1236 EA 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,309.73	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-102.00	
For 6" Overall Height Instead Of 4-5/8", Add	65.49	
<b>26 05 36 00-1237 36" Radius Vertical Tees (26 05 36 00-1124)</b>		
26 05 36 00-1238 EA 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,553.99	241.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-135.25	
For 6" Overall Height Instead Of 4-5/8", Add	77.70	
26 05 36 00-1239 EA 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,587.09	252.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-137.65	
For 6" Overall Height Instead Of 4-5/8", Add	79.35	
26 05 36 00-1240 EA 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,622.58	265.07
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-140.17	
For 6" Overall Height Instead Of 4-5/8", Add	81.13	
26 05 36 00-1241 EA 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,683.66	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-143.98	
For 6" Overall Height Instead Of 4-5/8", Add	84.18	
26 05 36 00-1242 EA 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,725.46	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-146.81	
For 6" Overall Height Instead Of 4-5/8", Add	86.27	
26 05 36 00-1243 EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,835.14	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-154.54	
For 6" Overall Height Instead Of 4-5/8", Add	91.76	
26 05 36 00-1244 EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,932.11	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-160.13	
For 6" Overall Height Instead Of 4-5/8", Add	96.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1245 12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1246 EA 6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	685.28	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.35	
For 6" Overall Height Instead Of 4-5/8", Add	34.26	
26 05 36 00-1247 EA 9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	732.95	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.90	
For 6" Overall Height Instead Of 4-5/8", Add	36.65	
26 05 36 00-1248 EA 12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	762.42	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.51	
For 6" Overall Height Instead Of 4-5/8", Add	38.12	
26 05 36 00-1249 EA 18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	845.59	327.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.28	
For 6" Overall Height Instead Of 4-5/8", Add	42.28	
26 05 36 00-1250 EA 24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	928.16	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.93	
For 6" Overall Height Instead Of 4-5/8", Add	46.41	
26 05 36 00-1251 EA 30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,026.65	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.59	
For 6" Overall Height Instead Of 4-5/8", Add	51.33	
26 05 36 00-1252 EA 36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,170.07	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.32	
For 6" Overall Height Instead Of 4-5/8", Add	58.50	
<b>26 05 36 00-1253 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1254 EA 6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	939.76	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.24	
For 6" Overall Height Instead Of 4-5/8", Add	46.99	
26 05 36 00-1255 EA 9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	983.80	327.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.10	
For 6" Overall Height Instead Of 4-5/8", Add	49.19	
26 05 36 00-1256 EA 12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,030.68	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.09	
For 6" Overall Height Instead Of 4-5/8", Add	51.53	
26 05 36 00-1257 EA 18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,092.46	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.36	
For 6" Overall Height Instead Of 4-5/8", Add	54.62	
26 05 36 00-1258 EA 24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,230.05	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-87.32	
For 6" Overall Height Instead Of 4-5/8", Add	61.50	
26 05 36 00-1259 EA 30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,325.56	463.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-93.92	
For 6" Overall Height Instead Of 4-5/8", Add	66.28	
26 05 36 00-1260 EA 36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,465.61	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.44	
For 6" Overall Height Instead Of 4-5/8", Add	73.28	
<b>26 05 36 00-1261 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1262 EA 6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,080.23	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.05	
For 6" Overall Height Instead Of 4-5/8", Add	54.01	
26 05 36 00-1263 EA 9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,139.40	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-83.05	
For 6" Overall Height Instead Of 4-5/8", Add	56.97	
26 05 36 00-1264 EA 12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,214.42	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.36	
For 6" Overall Height Instead Of 4-5/8", Add	60.72	
26 05 36 00-1265 EA 18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,303.07	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-94.62	
For 6" Overall Height Instead Of 4-5/8", Add	65.15	
26 05 36 00-1266 EA 24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,572.54	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-115.14	
For 6" Overall Height Instead Of 4-5/8", Add	78.63	
26 05 36 00-1267 EA 30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,734.19	555.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-127.13	
For 6" Overall Height Instead Of 4-5/8", Add	86.71	
26 05 36 00-1268 EA 36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,930.89	618.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-141.53	
For 6" Overall Height Instead Of 4-5/8", Add	96.54	
<b>26 05 36 00-1269 12" Radius Vertical Crosses</b> <small>(26 05 36 00-1124)</small>		
26 05 36 00-1270 EA 6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	685.28	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.35	
For 6" Overall Height Instead Of 4-5/8", Add	34.26	
26 05 36 00-1271 EA 9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	732.95	292.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.90	
For 6" Overall Height Instead Of 4-5/8", Add	36.65	
26 05 36 00-1272 EA 12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	762.42	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.51	
For 6" Overall Height Instead Of 4-5/8", Add	38.12	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1273	EA		18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	845.59	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.28	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.28	
26 05 36 00-1274	EA		24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	928.16	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.93	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.41	
26 05 36 00-1275	EA		30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,026.65	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.33	
26 05 36 00-1276	EA		36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,168.32	427.11
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.24	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	58.42	
<b>26 05 36 00-1277</b>			<b>24" Radius Vertical Crosses (26 05 36 00-1124)</b>		
26 05 36 00-1278	EA		6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	939.76	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.24	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.99	
26 05 36 00-1279	EA		9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	983.80	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.10	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.19	
26 05 36 00-1280	EA		12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,030.68	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.09	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.53	
26 05 36 00-1281	EA		18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,092.46	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.36	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.62	
26 05 36 00-1282	EA		24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,230.05	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-87.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	61.50	
26 05 36 00-1283	EA		30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,325.56	463.61
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-93.92	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	66.28	
26 05 36 00-1284	EA		36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,465.61	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.44	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.28	
<b>26 05 36 00-1285</b>			<b>36" Radius Vertical Crosses (26 05 36 00-1124)</b>		
26 05 36 00-1286	EA		6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,305.56	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.58	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.28	
26 05 36 00-1287	EA		9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,374.11	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.52	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	68.71	
26 05 36 00-1288	EA		12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,463.21	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.24	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.16	
26 05 36 00-1289	EA		18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,568.29	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.14	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	78.41	
26 05 36 00-1290	EA		24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,901.13	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-148.00	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	95.06	
26 05 36 00-1291	EA		30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,097.99	555.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-163.51	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	104.90	
26 05 36 00-1292	EA		36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,335.76	618.69
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-182.02	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	116.79	
<b>26 05 36 00-1293</b>			<b>12" Rung Tray Fittings (26 05 36 00-0744)</b>		
<b>26 05 36 00-1294</b>			<b>90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1293)</b>		
26 05 36 00-1295	EA		6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	289.49	116.25
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.26	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.47	
26 05 36 00-1296	EA		9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	318.91	132.37
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.86	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.95	
26 05 36 00-1297	EA		12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	360.32	146.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.84	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.02	
26 05 36 00-1298	EA		18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	430.00	179.41
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.05	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.50	
26 05 36 00-1299	EA		24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	505.81	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.29	
26 05 36 00-1300	EA		30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	558.54	231.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.54	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	650.15	264.95
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.94	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.51	
<b>26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1303 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	371.28	120.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.05	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.56	
26 05 36 00-1304 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	408.68	138.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.29	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.43	
26 05 36 00-1305 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	443.11	154.50
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.43	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.16	
26 05 36 00-1306 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	521.12	191.93
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.12	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.06	
26 05 36 00-1307 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	591.72	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.62	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.59	
26 05 36 00-1308 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	662.48	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.19	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.12	
26 05 36 00-1309 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	759.45	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.55	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.97	
<b>26 05 36 00-1310 90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1311 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	397.33	126.33
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.20	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.87	
26 05 36 00-1312 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	435.30	146.27
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.35	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.77	
26 05 36 00-1313 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	486.27	163.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.31	
26 05 36 00-1314 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	583.42	205.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.18	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.17	
26 05 36 00-1315 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	674.64	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.31	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.73	
26 05 36 00-1316 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	761.93	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.01	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.10	
26 05 36 00-1317 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	886.63	326.85
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.43	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.33	
<b>26 05 36 00-1318 45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1319 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	203.44	84.26
<i>For 60 Degree Bend, Deduct</i>	-34.85	
<i>For 30 Degree Bend, Deduct</i>	-62.76	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.33	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.17	
26 05 36 00-1320 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	233.85	101.06
<i>For 60 Degree Bend, Deduct</i>	-38.45	
<i>For 30 Degree Bend, Deduct</i>	-69.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.97	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.69	
26 05 36 00-1321 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	261.09	115.91
<i>For 60 Degree Bend, Deduct</i>	-41.73	
<i>For 30 Degree Bend, Deduct</i>	-75.99	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.45	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.05	
26 05 36 00-1322 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	324.15	146.50
<i>For 60 Degree Bend, Deduct</i>	-50.82	
<i>For 30 Degree Bend, Deduct</i>	-92.84	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.21	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.21	
26 05 36 00-1323 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	398.47	179.41
<i>For 60 Degree Bend, Deduct</i>	-62.72	
<i>For 30 Degree Bend, Deduct</i>	-114.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.90	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.92	
26 05 36 00-1324 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	457.30	205.96
<i>For 60 Degree Bend, Deduct</i>	-71.95	
<i>For 30 Degree Bend, Deduct</i>	-131.36	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.56	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.87	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1325	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	521.84	241.78
			<i>For 60 Degree Bend, Deduct</i>	-79.52	
			<i>For 30 Degree Bend, Deduct</i>	-145.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.03	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.09	
<b>26 05 36 00-1326</b>			<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1327	EA		6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	229.69	86.93
			<i>For 60 Degree Bend, Deduct</i>	-42.49	
			<i>For 30 Degree Bend, Deduct</i>	-75.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.48	
26 05 36 00-1328	EA		9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	269.25	104.77
			<i>For 60 Degree Bend, Deduct</i>	-48.68	
			<i>For 30 Degree Bend, Deduct</i>	-86.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.19	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.46	
26 05 36 00-1329	EA		12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	298.66	121.00
			<i>For 60 Degree Bend, Deduct</i>	-52.18	
			<i>For 30 Degree Bend, Deduct</i>	-93.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.78	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.93	
26 05 36 00-1330	EA		18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	361.86	154.50
			<i>For 60 Degree Bend, Deduct</i>	-60.17	
			<i>For 30 Degree Bend, Deduct</i>	-108.87	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.31	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.09	
26 05 36 00-1331	EA		24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	441.09	191.93
			<i>For 60 Degree Bend, Deduct</i>	-72.00	
			<i>For 30 Degree Bend, Deduct</i>	-130.66	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.12	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.05	
26 05 36 00-1332	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	516.53	222.65
			<i>For 60 Degree Bend, Deduct</i>	-85.12	
			<i>For 30 Degree Bend, Deduct</i>	-154.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.10	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.83	
26 05 36 00-1333	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	594.50	265.07
			<i>For 60 Degree Bend, Deduct</i>	-94.59	
			<i>For 30 Degree Bend, Deduct</i>	-172.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.37	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.73	
<b>26 05 36 00-1334</b>			<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1335	EA		6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	263.43	89.71
			<i>For 60 Degree Bend, Deduct</i>	-52.56	
			<i>For 30 Degree Bend, Deduct</i>	-92.58	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.17	
26 05 36 00-1336	EA		9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	297.97	108.95
			<i>For 60 Degree Bend, Deduct</i>	-56.57	
			<i>For 30 Degree Bend, Deduct</i>	-100.34	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.72	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.90	
26 05 36 00-1337	EA		12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	329.58	126.45
			<i>For 60 Degree Bend, Deduct</i>	-60.29	
			<i>For 30 Degree Bend, Deduct</i>	-107.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.48	
26 05 36 00-1338	EA		18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	403.81	163.66
			<i>For 60 Degree Bend, Deduct</i>	-70.50	
			<i>For 30 Degree Bend, Deduct</i>	-126.60	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.74	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.19	
26 05 36 00-1339	EA		24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	503.38	205.96
			<i>For 60 Degree Bend, Deduct</i>	-87.15	
			<i>For 30 Degree Bend, Deduct</i>	-156.70	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.17	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.17	
26 05 36 00-1340	EA		30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	572.77	241.78
			<i>For 60 Degree Bend, Deduct</i>	-96.32	
			<i>For 30 Degree Bend, Deduct</i>	-173.97	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.13	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.64	
26 05 36 00-1341	EA		36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	674.56	292.66
			<i>For 60 Degree Bend, Deduct</i>	-110.41	
			<i>For 30 Degree Bend, Deduct</i>	-200.27	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.07	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.73	
<b>26 05 36 00-1342</b>			<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1343 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	322.27 -22.57 16.11	115.91
26 05 36 00-1344 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	356.81 -24.65 17.84	132.37
26 05 36 00-1345 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	382.38 -26.04 19.12	146.39
26 05 36 00-1346 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	442.20 -29.27 22.11	179.41
26 05 36 00-1347 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	493.52 -32.19 24.68	205.96
26 05 36 00-1348 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	543.60 -35.04 27.18	231.81
26 05 36 00-1349 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	602.98 -38.25 30.15	264.61
<b>26 05 36 00-1350 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1351 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	341.16 -24.04 17.06	120.89
26 05 36 00-1352 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	377.33 -26.14 18.87	139.08
26 05 36 00-1353 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	406.61 -27.78 20.33	154.50
26 05 36 00-1354 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	477.08 -31.72 23.85	191.93
26 05 36 00-1355 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	537.65 -35.21 26.88	222.65
26 05 36 00-1356 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	597.19 -38.66 29.86	252.67
26 05 36 00-1357 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	675.58 -43.17 33.78	292.66
<b>26 05 36 00-1358 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1359 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	426.51 -32.12 21.33	126.33
26 05 36 00-1360 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	464.53 -34.26 23.23	146.39
26 05 36 00-1361 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	507.55 -37.11 25.38	163.66
26 05 36 00-1362 EA 18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	587.41 -41.58 29.37	205.96
26 05 36 00-1363 EA 24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	656.49 -45.50 32.82	241.78
26 05 36 00-1364 EA 30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	735.87 -50.41 36.79	278.17
26 05 36 00-1365 EA 36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	828.66 -55.63 41.43	326.85
<b>26 05 36 00-1366 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1367 EA 6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	514.18 -32.87 25.71	222.65
26 05 36 00-1368 EA 9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	555.56 -35.41 27.78	241.78
26 05 36 00-1369 EA 12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	576.07 -36.55 28.80	252.67
26 05 36 00-1370 EA 18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray ..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 6" Overall Height Instead Of 4-5/8", Add</i>	649.03 -41.72 32.45	278.17

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1371	EA		24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	718.87	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.94	
26 05 36 00-1372	EA		30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	782.74	327.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.99	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.14	
26 05 36 00-1373	EA		36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	901.82	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.29	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.09	
<b>26 05 36 00-1374</b>			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1375	EA		6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	647.10	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.56	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.36	
26 05 36 00-1376	EA		9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	699.88	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.90	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.99	
26 05 36 00-1377	EA		12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	728.83	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.70	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.44	
26 05 36 00-1378	EA		18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	803.36	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.60	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.17	
26 05 36 00-1379	EA		24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	894.03	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.70	
26 05 36 00-1380	EA		30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	962.84	370.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.39	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.14	
26 05 36 00-1381	EA		36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,241.79	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.49	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.09	
<b>26 05 36 00-1382</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1383	EA		6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	786.72	265.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.59	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.34	
26 05 36 00-1384	EA		9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	842.22	292.66
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.83	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.11	
26 05 36 00-1385	EA		12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	901.94	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.10	
26 05 36 00-1386	EA		18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	987.91	347.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.82	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.40	
26 05 36 00-1387	EA		24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,112.19	396.97
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.14	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.61	
26 05 36 00-1388	EA		30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,284.03	428.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.72	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	64.20	
26 05 36 00-1389	EA		36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,476.05	505.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-105.49	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.80	
<b>26 05 36 00-1390</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1391	EA		6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	664.86	205.96
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.32	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.24	
26 05 36 00-1392	EA		9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	687.78	214.07
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.94	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.39	
26 05 36 00-1393	EA		12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	704.30	222.65
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.88	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.22	
26 05 36 00-1394	EA		18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	743.33	241.78
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.18	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.17	
26 05 36 00-1395	EA		24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	789.65	252.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.91	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.48	
26 05 36 00-1396	EA		30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	839.15	278.17
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.73	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.96	
26 05 36 00-1397	EA		36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	901.94	308.76
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.46	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.10	
<b>26 05 36 00-1398</b>			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1399 EA 6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	915.54	222.65
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.00	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.78	
26 05 36 00-1400 EA 9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	937.91	231.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.47	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.90	
26 05 36 00-1401 EA 12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	961.61	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.01	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.08	
26 05 36 00-1402 EA 18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,016.74	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.59	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	50.84	
26 05 36 00-1403 EA 24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,052.73	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.09	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.64	
26 05 36 00-1404 EA 30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,117.87	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.05	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.89	
26 05 36 00-1405 EA 36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,236.71	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.70	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	61.84	
<b>26 05 36 00-1406 36" Radius Vertical Tees</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1407 EA 6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,438.89	241.78
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.74	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	71.94	
26 05 36 00-1408 EA 9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,470.50	252.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-125.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	73.53	
26 05 36 00-1409 EA 12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,504.49	265.07
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-128.36	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	75.22	
26 05 36 00-1410 EA 18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,564.07	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-132.02	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	78.20	
26 05 36 00-1411 EA 24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,604.38	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.70	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	80.22	
26 05 36 00-1412 EA 30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,709.58	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-141.98	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	85.48	
26 05 36 00-1413 EA 36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,805.06	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-147.43	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	90.25	
<b>26 05 36 00-1414 12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1415 EA 6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	663.11	278.17
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.13	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.16	
26 05 36 00-1416 EA 9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	708.44	292.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.45	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.42	
26 05 36 00-1417 EA 12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	737.64	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.03	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.88	
26 05 36 00-1418 EA 18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	815.60	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.28	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.78	
26 05 36 00-1419 EA 24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	897.12	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.82	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.86	
26 05 36 00-1420 EA 30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	990.14	396.97
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.94	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.51	
26 05 36 00-1421 EA 36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,124.43	428.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.76	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.22	
<b>26 05 36 00-1422 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1293)</small>		
26 05 36 00-1423 EA 6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	897.25	308.76
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.99	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.86	
26 05 36 00-1424 EA 9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	939.99	327.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.72	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.00	
26 05 36 00-1425 EA 12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	985.57	347.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.58	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.28	
26 05 36 00-1426 EA 18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,044.99	370.66
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.61	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.25	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1427 EA 24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,178.42	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.16	
For 6" Overall Height Instead Of 4-5/8", Add	58.92	
26 05 36 00-1428 EA 30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,270.27	463.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.39	
For 6" Overall Height Instead Of 4-5/8", Add	63.51	
26 05 36 00-1429 EA 36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,403.29	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.21	
For 6" Overall Height Instead Of 4-5/8", Add	70.16	
<b>26 05 36 00-1430 36" Radius Horizontal Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1431 EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,030.16	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.04	
For 6" Overall Height Instead Of 4-5/8", Add	51.51	
26 05 36 00-1432 EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,087.24	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.83	
For 6" Overall Height Instead Of 4-5/8", Add	54.36	
26 05 36 00-1433 EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,159.13	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.84	
For 6" Overall Height Instead Of 4-5/8", Add	57.96	
26 05 36 00-1434 EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,244.13	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.73	
For 6" Overall Height Instead Of 4-5/8", Add	62.21	
26 05 36 00-1435 EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,499.52	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-107.84	
For 6" Overall Height Instead Of 4-5/8", Add	74.98	
26 05 36 00-1436 EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,653.35	555.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-119.05	
For 6" Overall Height Instead Of 4-5/8", Add	82.67	
26 05 36 00-1437 EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,840.92	618.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-132.53	
For 6" Overall Height Instead Of 4-5/8", Add	92.05	
<b>26 05 36 00-1438 12" Radius Vertical Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1439 EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	663.11	278.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.13	
For 6" Overall Height Instead Of 4-5/8", Add	33.16	
26 05 36 00-1440 EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	708.61	292.78
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.46	
For 6" Overall Height Instead Of 4-5/8", Add	35.43	
26 05 36 00-1441 EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	737.55	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.03	
For 6" Overall Height Instead Of 4-5/8", Add	36.88	
26 05 36 00-1442 EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	815.81	327.55
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-54.29	
For 6" Overall Height Instead Of 4-5/8", Add	40.79	
26 05 36 00-1443 EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	897.12	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.82	
For 6" Overall Height Instead Of 4-5/8", Add	44.86	
26 05 36 00-1444 EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	990.44	397.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.95	
For 6" Overall Height Instead Of 4-5/8", Add	49.52	
26 05 36 00-1445 EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,123.56	427.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.72	
For 6" Overall Height Instead Of 4-5/8", Add	56.18	
<b>26 05 36 00-1446 24" Radius Vertical Crosses (26 05 36 00-1293)</b>		
26 05 36 00-1447 EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	897.25	308.76
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.99	
For 6" Overall Height Instead Of 4-5/8", Add	44.86	
26 05 36 00-1448 EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	939.99	327.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.72	
For 6" Overall Height Instead Of 4-5/8", Add	47.00	
26 05 36 00-1449 EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	985.57	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.58	
For 6" Overall Height Instead Of 4-5/8", Add	49.28	
26 05 36 00-1450 EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,044.99	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.61	
For 6" Overall Height Instead Of 4-5/8", Add	52.25	
26 05 36 00-1451 EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,178.42	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.16	
For 6" Overall Height Instead Of 4-5/8", Add	58.92	
26 05 36 00-1452 EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,270.27	463.61
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.39	
For 6" Overall Height Instead Of 4-5/8", Add	63.51	
26 05 36 00-1453 EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,403.29	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.21	
For 6" Overall Height Instead Of 4-5/8", Add	70.16	
<b>26 05 36 00-1454 36" Radius Vertical Crosses (26 05 36 00-1293)</b>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1455 EA 6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,232.95	347.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-94.32	
For 6" Overall Height Instead Of 4-5/8", Add	61.65	
26 05 36 00-1456 EA 9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,298.48	370.66
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.96	
For 6" Overall Height Instead Of 4-5/8", Add	64.92	
26 05 36 00-1457 EA 12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,383.05	396.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-105.23	
For 6" Overall Height Instead Of 4-5/8", Add	69.15	
26 05 36 00-1458 EA 18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,482.83	428.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-112.60	
For 6" Overall Height Instead Of 4-5/8", Add	74.14	
26 05 36 00-1459 EA 24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,795.25	505.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-137.41	
For 6" Overall Height Instead Of 4-5/8", Add	89.76	
26 05 36 00-1460 EA 30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,980.77	555.41
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-151.79	
For 6" Overall Height Instead Of 4-5/8", Add	99.04	
26 05 36 00-1461 EA 36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,205.31	618.69
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-168.97	
For 6" Overall Height Instead Of 4-5/8", Add	110.27	
<b>26 05 36 00-1462 Dropout Or End Plates And Reducers</b> (26 05 36 00-0744)		
<b>26 05 36 00-1463 Straight Reducers</b> (26 05 36 00-1462)		
26 05 36 00-1464 EA 9" To 6" Reducer, Aluminum Cable Tray.....	259.95	85.54
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.87	
For 6" Overall Height Instead Of 4-5/8", Add	13.00	
26 05 36 00-1465 EA 12" To 9" Reducer, Aluminum Cable Tray.....	274.34	92.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.72	
For 6" Overall Height Instead Of 4-5/8", Add	13.72	
26 05 36 00-1466 EA 18" To 12" Reducer, Aluminum Cable Tray.....	300.77	106.87
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.17	
For 6" Overall Height Instead Of 4-5/8", Add	15.04	
26 05 36 00-1467 EA 24" To 18" Reducer, Aluminum Cable Tray.....	331.27	123.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.82	
For 6" Overall Height Instead Of 4-5/8", Add	16.56	
26 05 36 00-1468 EA 30" To 24" Reducer, Aluminum Cable Tray.....	359.60	139.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.37	
For 6" Overall Height Instead Of 4-5/8", Add	17.98	
26 05 36 00-1469 EA 36" To 30" Reducer, Aluminum Cable Tray.....	400.47	158.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.80	
For 6" Overall Height Instead Of 4-5/8", Add	20.02	
<b>26 05 36 00-1470 Reducers</b> (26 05 36 00-1462)		
26 05 36 00-1471 EA 18" To 6" Reducer, Aluminum Cable Tray.....	300.88	106.98
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.17	
For 6" Overall Height Instead Of 4-5/8", Add	15.04	
26 05 36 00-1472 EA 24" To 12" Reducer, Aluminum Cable Tray.....	331.56	123.79
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.84	
For 6" Overall Height Instead Of 4-5/8", Add	16.58	
26 05 36 00-1473 EA 30" To 12" Reducer, Aluminum Cable Tray.....	359.42	138.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.36	
For 6" Overall Height Instead Of 4-5/8", Add	17.97	
26 05 36 00-1474 EA 30" To 18" Reducer, Aluminum Cable Tray.....	361.83	138.85
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.61	
For 6" Overall Height Instead Of 4-5/8", Add	18.09	
26 05 36 00-1475 EA 36" To 12" Reducer, Aluminum Cable Tray.....	397.86	158.91
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.54	
For 6" Overall Height Instead Of 4-5/8", Add	19.89	
26 05 36 00-1476 EA 36" To 18" Reducer, Aluminum Cable Tray.....	407.43	163.08
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.15	
For 6" Overall Height Instead Of 4-5/8", Add	20.37	
26 05 36 00-1477 EA 36" To 24" Reducer, Aluminum Cable Tray.....	421.33	168.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.11	
For 6" Overall Height Instead Of 4-5/8", Add	21.07	
<b>26 05 36 00-1478 Dropout Or End Plate</b> (26 05 36 00-1462)		
26 05 36 00-1479 EA 6" Dropout Or End Plate, Aluminum Cable Tray.....	73.47	34.77
26 05 36 00-1480 EA 9" Dropout Or End Plate, Aluminum Cable Tray.....	82.74	39.75
26 05 36 00-1481 EA 12" Dropout Or End Plate, Aluminum Cable Tray.....	89.27	42.77
26 05 36 00-1482 EA 18" Dropout Or End Plate, Aluminum Cable Tray.....	108.37	50.54
26 05 36 00-1483 EA 24" Dropout Or End Plate, Aluminum Cable Tray.....	121.02	55.64
26 05 36 00-1484 EA 30" Dropout Or End Plate, Aluminum Cable Tray.....	136.69	61.77
26 05 36 00-1485 EA 36" Dropout Or End Plate, Aluminum Cable Tray.....	153.33	69.54
<b>26 05 36 00-1486 Solid Bottom Cable Tray</b> (26 05 36 00-0001)		
Note: 3-5/8" Height.		
<b>26 05 36 00-1487 Solid Bottom Galvanized Steel Straight Tray Sections</b> (26 05 36 00-1486)		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1488	LF 6" Solid Bottom Steel Cable Tray, Straight Section .....	31.38	9.04
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	3.19	
26 05 36 00-1489	LF 12" Solid Bottom Steel Cable Tray, Straight Section .....	39.14	11.13
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	4.02	
26 05 36 00-1490	LF 18" Solid Bottom Steel Cable Tray, Straight Section .....	51.98	16.00
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	5.13	
26 05 36 00-1491	LF 24" Solid Bottom Steel Cable Tray, Straight Section .....	60.17	18.31
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	5.97	
26 05 36 00-1492	LF 30" Solid Bottom Steel Cable Tray, Straight Section .....	72.08	22.14
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	7.12	
26 05 36 00-1493	LF 36" Solid Bottom Steel Cable Tray, Straight Section .....	92.62	25.38
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	9.67	
<b>26 05 36 00-1494</b>	<b>Solid Bottom Galvanized Steel Cable Tray Fittings</b> <small>(26 05 36 00-1486)</small>		
<b>26 05 36 00-1495</b>	<b>90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1496	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	316.10	116.02
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	28.09	
26 05 36 00-1497	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	409.62	163.19
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	34.24	
26 05 36 00-1498	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	500.49	205.96
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	40.74	
26 05 36 00-1499	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	613.35	253.01
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.82	
26 05 36 00-1500	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	717.04	293.24
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	58.69	
26 05 36 00-1501	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	806.01	327.43
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	66.33	
<b>26 05 36 00-1502</b>	<b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1503	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	375.75	120.77
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	36.23	
26 05 36 00-1504	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	493.90	173.97
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	45.08	
26 05 36 00-1505	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	606.79	222.65
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	53.92	
26 05 36 00-1506	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	738.68	278.17
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	64.44	
26 05 36 00-1507	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	866.39	326.85
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	75.49	
26 05 36 00-1508	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	978.85	370.66
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	85.05	
<b>26 05 36 00-1509</b>	<b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1510	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	465.70	126.22
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	48.83	
26 05 36 00-1511	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	596.93	185.79
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	58.58	
26 05 36 00-1512	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	754.77	242.12
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	72.86	
26 05 36 00-1513	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	895.35	308.76
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.84	
26 05 36 00-1514	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	1,074.63	370.66
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	99.41	
26 05 36 00-1515	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray .....	1,225.24	427.11
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	112.59	
<b>26 05 36 00-1516</b>	<b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1517	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	285.53	116.02
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	23.49	
26 05 36 00-1518	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	375.23	163.19
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	29.08	
26 05 36 00-1519	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	460.80	205.73
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	34.83	
26 05 36 00-1520	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	564.84	252.67
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	42.61	
26 05 36 00-1521	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	659.94	293.24
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	50.13	
26 05 36 00-1522	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray .....	739.91	326.85
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	56.52	
<b>26 05 36 00-1523</b>	<b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1524	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	332.29	120.89
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	29.69	
26 05 36 00-1525	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	442.65	173.85
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	37.42	
26 05 36 00-1526	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray .....	548.32	222.89
	<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	45.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1527 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	669.91	278.17
For 4-5/8" Overall Height Instead Of 3-5/8", Add	54.13	
26 05 36 00-1528 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	786.98	327.43
For 4-5/8" Overall Height Instead Of 3-5/8", Add	63.48	
26 05 36 00-1529 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	888.59	370.66
For 4-5/8" Overall Height Instead Of 3-5/8", Add	71.51	
<b>26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows</b> (26 05 36 00-1494)		
26 05 36 00-1531 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	402.15	126.33
For 4-5/8" Overall Height Instead Of 3-5/8", Add	39.26	
26 05 36 00-1532 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	496.28	168.41
For 4-5/8" Overall Height Instead Of 3-5/8", Add	46.37	
26 05 36 00-1533 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	666.96	242.12
For 4-5/8" Overall Height Instead Of 3-5/8", Add	59.69	
26 05 36 00-1534 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	801.09	309.35
For 4-5/8" Overall Height Instead Of 3-5/8", Add	68.61	
26 05 36 00-1535 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	960.43	370.66
For 4-5/8" Overall Height Instead Of 3-5/8", Add	82.28	
26 05 36 00-1536 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,098.67	428.26
For 4-5/8" Overall Height Instead Of 3-5/8", Add	93.43	
<b>26 05 36 00-1537 90 Degree, 12" Radius Vertical Risers</b> (26 05 36 00-1494)		
26 05 36 00-1538 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	342.61	115.67
For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.11	
26 05 36 00-1539 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	429.26	163.19
For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.18	
26 05 36 00-1540 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	502.95	205.96
For 4-5/8" Overall Height Instead Of 3-5/8", Add	41.11	
26 05 36 00-1541 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	608.44	253.01
For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.09	
26 05 36 00-1542 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	687.57	293.24
For 4-5/8" Overall Height Instead Of 3-5/8", Add	54.27	
26 05 36 00-1543 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray .....	750.96	326.85
For 4-5/8" Overall Height Instead Of 3-5/8", Add	58.18	
<b>26 05 36 00-1544 90 Degree, 24" Radius Vertical Risers</b> (26 05 36 00-1494)		
26 05 36 00-1545 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	412.59	120.77
For 4-5/8" Overall Height Instead Of 3-5/8", Add	41.75	
26 05 36 00-1546 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	520.91	173.97
For 4-5/8" Overall Height Instead Of 3-5/8", Add	49.13	
26 05 36 00-1547 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	621.52	222.65
For 4-5/8" Overall Height Instead Of 3-5/8", Add	56.13	
26 05 36 00-1548 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	736.22	278.17
For 4-5/8" Overall Height Instead Of 3-5/8", Add	64.07	
26 05 36 00-1549 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	832.01	326.85
For 4-5/8" Overall Height Instead Of 3-5/8", Add	70.34	
26 05 36 00-1550 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray .....	932.19	370.66
For 4-5/8" Overall Height Instead Of 3-5/8", Add	78.05	
<b>26 05 36 00-1551 90 Degree, 36" Radius Vertical Risers</b> (26 05 36 00-1494)		
26 05 36 00-1552 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	497.63	126.22
For 4-5/8" Overall Height Instead Of 3-5/8", Add	53.62	
26 05 36 00-1553 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	603.05	168.76
For 4-5/8" Overall Height Instead Of 3-5/8", Add	62.33	
26 05 36 00-1554 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	754.77	242.12
For 4-5/8" Overall Height Instead Of 3-5/8", Add	72.86	
26 05 36 00-1555 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	900.26	308.76
For 4-5/8" Overall Height Instead Of 3-5/8", Add	83.57	
26 05 36 00-1556 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	1,037.79	370.66
For 4-5/8" Overall Height Instead Of 3-5/8", Add	93.89	
26 05 36 00-1557 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray .....	1,168.75	427.11
For 4-5/8" Overall Height Instead Of 3-5/8", Add	104.12	
<b>26 05 36 00-1558 12" Radius Horizontal Tees</b> (26 05 36 00-1494)		
26 05 36 00-1559 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	542.93	222.65
For 4-5/8" Overall Height Instead Of 3-5/8", Add	44.34	
26 05 36 00-1560 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	649.53	277.70
For 4-5/8" Overall Height Instead Of 3-5/8", Add	51.14	
26 05 36 00-1561 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	766.72	327.43
For 4-5/8" Overall Height Instead Of 3-5/8", Add	60.44	
26 05 36 00-1562 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	911.12	397.78
For 4-5/8" Overall Height Instead Of 3-5/8", Add	70.36	
26 05 36 00-1563 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	996.13	428.26
For 4-5/8" Overall Height Instead Of 3-5/8", Add	78.05	
26 05 36 00-1564 EA 36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray.....	1,166.52	505.34
For 4-5/8" Overall Height Instead Of 3-5/8", Add	90.75	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1565			<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....670.70	670.70	241.78
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>60.31</i>	
26 05 36 00-1567	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....826.58	826.58	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>72.52</i>	
26 05 36 00-1568	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....964.11	964.11	370.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>82.83</i>	
26 05 36 00-1569	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,241.78	1,241.78	463.61
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>109.00</i>	
26 05 36 00-1570	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,353.18	1,353.18	505.34
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>118.74</i>	
26 05 36 00-1571	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,583.77	1,583.77	618.69
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>134.45</i>	
26 05 36 00-1572			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1573	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....861.67	861.67	265.07
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>85.08</i>	
26 05 36 00-1574	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,048.61	1,048.61	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>99.34</i>	
26 05 36 00-1575	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,224.54	1,224.54	428.26
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>112.31</i>	
26 05 36 00-1576	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,498.08	1,498.08	505.34
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>140.48</i>	
26 05 36 00-1577	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,640.96	1,640.96	557.27
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>153.27</i>	
26 05 36 00-1578	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,895.84	1,895.84	695.42
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>168.47</i>	
26 05 36 00-1579			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....653.45	653.45	222.65
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>60.92</i>	
26 05 36 00-1581	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....758.33	758.33	278.17
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>67.39</i>	
26 05 36 00-1582	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....814.30	814.30	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>70.68</i>	
26 05 36 00-1583	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....873.76	873.76	326.85
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>76.60</i>	
26 05 36 00-1584	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....969.03	969.03	370.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>83.57</i>	
26 05 36 00-1585	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray .....1,077.18	1,077.18	428.26
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>90.21</i>	
26 05 36 00-1586			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....820.52	820.52	241.78
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>82.78</i>	
26 05 36 00-1588	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....951.84	951.84	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>91.31</i>	
26 05 36 00-1589	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,038.79	1,038.79	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>97.87</i>	
26 05 36 00-1590	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,099.19	1,099.19	370.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>103.10</i>	
26 05 36 00-1591	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,241.73	1,241.73	428.26
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>114.89</i>	
26 05 36 00-1592	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray .....1,394.93	1,394.93	505.34
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>125.01</i>	
26 05 36 00-1593			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,091.87	1,091.87	264.61
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>119.68</i>	
26 05 36 00-1595	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,242.64	1,242.64	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>128.44</i>	
26 05 36 00-1596	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,373.79	1,373.79	396.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>139.91</i>	
26 05 36 00-1597	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,450.49	1,450.49	428.26
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>146.20</i>	
26 05 36 00-1598	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,701.93	1,701.93	505.34
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>171.06</i>	
26 05 36 00-1599	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray .....1,834.47	1,834.47	555.41
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>182.60</i>	
26 05 36 00-1600			<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....669.91	669.91	278.17
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>54.13</i>	
26 05 36 00-1602	EA		12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....769.18	769.18	327.43
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>60.81</i>	
26 05 36 00-1603	EA		18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray .....924.34	924.34	396.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	<i>72.50</i>	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1604 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	1,067.41	463.61
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.84	
26 05 36 00-1605 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	1,254.85	555.41
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	95.65	
26 05 36 00-1606 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray.....	1,392.20	618.69
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	105.71	
<b>26 05 36 00-1607 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1608 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	891.35	309.35
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.14	
26 05 36 00-1609 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,037.79	370.66
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	93.89	
26 05 36 00-1610 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,241.78	463.61
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	109.00	
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,530.44	557.27
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	136.69	
26 05 36 00-1612 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,682.01	618.69
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	149.18	
26 05 36 00-1613 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray.....	1,846.72	695.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	161.10	
<b>26 05 36 00-1614 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1615 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,193.52	347.71
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	121.08	
26 05 36 00-1616 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,389.09	428.26
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	136.99	
26 05 36 00-1617 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,665.52	557.27
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	156.96	
26 05 36 00-1618 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,903.05	618.69
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	182.34	
26 05 36 00-1619 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	2,104.60	695.42
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	199.79	
26 05 36 00-1620 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray.....	2,330.06	793.83
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	217.20	
<b>26 05 36 00-1621 Straight Reducers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1622 EA 12" To 6" Reducer, Solid Bottom, Steel Cable Tray.....	274.88	92.72
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	25.78	
26 05 36 00-1623 EA 18" To 12" Reducer, Solid Bottom, Steel Cable Tray.....	297.46	104.77
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	27.15	
26 05 36 00-1624 EA 24" To 18" Reducer, Solid Bottom, Steel Cable Tray.....	328.94	120.77
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	29.22	
26 05 36 00-1625 EA 30" To 24" Reducer, Solid Bottom, Steel Cable Tray.....	369.35	139.08
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	32.22	
26 05 36 00-1626 EA 36" To 30" Reducer, Solid Bottom, Steel Cable Tray.....	399.55	154.27
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	34.22	
<b>26 05 36 00-1627 Reducers</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1628 EA 18" To 6" Reducer, Solid Bottom, Steel Cable Tray.....	297.56	104.89
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	27.16	
26 05 36 00-1629 EA 24" To 12" Reducer, Solid Bottom, Steel Cable Tray.....	326.91	121.00
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	28.87	
26 05 36 00-1630 EA 30" To 12" Reducer, Solid Bottom, Steel Cable Tray.....	364.25	138.97
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	31.47	
26 05 36 00-1631 EA 30" To 18" Reducer, Solid Bottom, Steel Cable Tray.....	366.52	138.85
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	31.83	
26 05 36 00-1632 EA 36" To 12" Reducer, Solid Bottom, Steel Cable Tray.....	397.09	154.27
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	33.85	
26 05 36 00-1633 EA 36" To 18" Reducer, Solid Bottom, Steel Cable Tray.....	399.55	154.27
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	34.22	
26 05 36 00-1634 EA 36" To 24" Reducer, Solid Bottom, Steel Cable Tray.....	402.47	154.50
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	34.61	
<b>26 05 36 00-1635 Dropout Or End Plate</b> <small>(26 05 36 00-1494)</small>		
26 05 36 00-1636 EA 6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	83.00	34.77
26 05 36 00-1637 EA 12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	101.89	42.42
26 05 36 00-1638 EA 18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	117.31	50.31
26 05 36 00-1639 EA 24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	132.14	55.64
26 05 36 00-1640 EA 30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	147.15	61.77
26 05 36 00-1641 EA 36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	163.19	69.54
<b>26 05 36 00-1642 Solid Bottom Aluminum Straight Cable Tray Sections</b> <small>(26 05 36 00-1486)</small>		
26 05 36 00-1643 LF 6" Solid Bottom Aluminum Cable Tray, Straight Section.....	27.20	7.30
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2.86	
26 05 36 00-1644 LF 12" Solid Bottom Aluminum Cable Tray, Straight Section.....	33.94	8.58
<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	3.67	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1645	LF 18" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	43.36 4.64	11.13
26 05 36 00-1646	LF 24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	51.62 5.70	12.29
26 05 36 00-1647	LF 30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	63.24 6.84	15.88
26 05 36 00-1648	LF 36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	75.26 8.39	17.39
<b>26 05 36 00-1649</b>	<b>Solid Bottom Aluminum Cable Tray Fittings (26 05 36 00-1496)</b>		
<b>26 05 36 00-1650</b>	<b>90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1651	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	314.05 27.78	116.02
26 05 36 00-1652	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	379.34 32.55	146.04
26 05 36 00-1653	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	438.62 38.53	163.54
26 05 36 00-1654	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	510.74 44.59	192.05
26 05 36 00-1655	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	603.56 53.39	222.89
26 05 36 00-1656	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	682.15 60.14	253.01
<b>26 05 36 00-1657</b>	<b>90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1658	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	373.06 35.82	120.77
26 05 36 00-1659	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	461.57 43.46	154.73
26 05 36 00-1660	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	521.83 49.30	173.85
26 05 36 00-1661	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	630.10 60.18	205.96
26 05 36 00-1662	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	730.73 69.37	241.43
26 05 36 00-1663	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	840.96 79.78	278.17
<b>26 05 36 00-1664</b>	<b>90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1665	EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	464.99 48.72	126.22
26 05 36 00-1666	EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	578.75 59.50	163.89
26 05 36 00-1667	EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	671.84 69.82	185.79
26 05 36 00-1668	EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	759.21 76.83	222.30
26 05 36 00-1669	EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	881.31 88.03	265.07
26 05 36 00-1670	EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,028.84 102.95	308.30
<b>26 05 36 00-1671</b>	<b>45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1672	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	287.62 23.80	116.02
26 05 36 00-1673	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	349.45 28.07	146.04
26 05 36 00-1674	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	401.84 33.04	163.43
26 05 36 00-1675	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	468.11 38.27	191.70
26 05 36 00-1676	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	552.50 45.73	222.89
26 05 36 00-1677	EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	623.64 51.49	252.32
<b>26 05 36 00-1678</b>	<b>45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1649)</b>		
26 05 36 00-1679	EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	335.43 30.16	120.89
26 05 36 00-1680	EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	416.51 36.72	154.50
26 05 36 00-1681	EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	471.35 41.67	174.20
26 05 36 00-1682	EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	567.00 50.72	205.96
26 05 36 00-1683	EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	659.63 58.59	242.12



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1684 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	757.94 67.33	278.17
<b>26 05 36 00-1685 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1686 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	409.25 40.33	126.33
26 05 36 00-1687 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	511.00 49.39	163.54
26 05 36 00-1688 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	592.14 57.86	185.79
26 05 36 00-1689 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	674.65 64.05	222.89
26 05 36 00-1690 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	784.60 73.52	265.07
26 05 36 00-1691 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	917.34 86.04	309.35
<b>26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1693 EA 6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	336.18 31.15	115.67
26 05 36 00-1694 EA 12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	392.54 34.53	146.04
26 05 36 00-1695 EA 18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	440.51 38.82	163.54
26 05 36 00-1696 EA 24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	497.53 42.61	192.05
26 05 36 00-1697 EA 30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	560.16 46.88	222.89
26 05 36 00-1698 EA 36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	614.88 50.18	252.32
<b>26 05 36 00-1699 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1700 EA 6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	405.14 40.63	120.77
26 05 36 00-1701 EA 12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	478.55 46.00	154.73
26 05 36 00-1702 EA 18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	527.49 50.15	173.85
26 05 36 00-1703 EA 24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	601.79 55.94	205.96
26 05 36 00-1704 EA 30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	676.02 61.16	241.43
26 05 36 00-1705 EA 36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	765.49 68.46	278.17
<b>26 05 36 00-1706 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1707 EA 6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	478.20 50.70	126.22
26 05 36 00-1708 EA 12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	574.98 58.94	163.89
26 05 36 00-1709 EA 18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	637.87 64.72	185.79
26 05 36 00-1710 EA 24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	712.04 69.75	222.30
26 05 36 00-1711 EA 30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	819.05 78.69	265.07
26 05 36 00-1712 EA 36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	906.20 84.55	308.30
<b>26 05 36 00-1713 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1714 EA 6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	557.80 46.57	222.65
26 05 36 00-1715 EA 12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	646.96 54.99	252.32
26 05 36 00-1716 EA 18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	718.32 61.39	278.17
26 05 36 00-1717 EA 24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	800.48 68.51	309.35
26 05 36 00-1718 EA 30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	946.11 80.13	370.66
26 05 36 00-1719 EA 36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,150.04 95.24	463.61
<b>26 05 36 00-1720 24" Radius Horizontal Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1721 EA 6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	710.54 66.28	241.78

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1722	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	810.77	278.17
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	75.25	
26 05 36 00-1723	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	907.11	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	84.60	
26 05 36 00-1724	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	1,098.94	370.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	103.06	
26 05 36 00-1725	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	1,319.85	463.61
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	120.71	
26 05 36 00-1726	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	1,457.97	506.84
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	134.22	
<b>26 05 36 00-1727</b>			<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1728	EA		6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	941.69	265.07
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	97.08	
26 05 36 00-1729	EA		12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,061.83	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	107.81	
26 05 36 00-1730	EA		18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,211.58	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	123.79	
26 05 36 00-1731	EA		24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,447.77	427.11
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	145.97	
26 05 36 00-1732	EA		30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,740.02	557.27
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	168.13	
26 05 36 00-1733	EA		36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,936.81	618.69
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	187.40	
<b>26 05 36 00-1734</b>			<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1735	EA		6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	637.04	222.65
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	58.46	
26 05 36 00-1736	EA		12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	692.85	252.67
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	61.81	
26 05 36 00-1737	EA		18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	724.04	264.61
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	64.50	
26 05 36 00-1738	EA		24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	764.75	277.70
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	68.43	
26 05 36 00-1739	EA		30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	842.96	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	74.98	
26 05 36 00-1740	EA		36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	964.98	370.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	82.97	
<b>26 05 36 00-1741</b>			<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1742	EA		6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	795.44	241.78
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	79.02	
26 05 36 00-1743	EA		12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	878.69	278.17
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	85.44	
26 05 36 00-1744	EA		18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	931.20	292.66
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	90.90	
26 05 36 00-1745	EA		24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	995.79	308.76
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	97.90	
26 05 36 00-1746	EA		30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	1,107.81	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	108.22	
26 05 36 00-1747	EA		36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray .....	1,268.53	427.11
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	119.09	
<b>26 05 36 00-1748</b>			<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1749	EA		6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,054.22	264.61
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	114.03	
26 05 36 00-1750	EA		12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,149.84	305.06
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	121.64	
26 05 36 00-1751	EA		18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,223.89	326.85
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	129.12	
26 05 36 00-1752	EA		24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,277.62	347.71
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	133.69	
26 05 36 00-1753	EA		30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	1,416.25	396.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	146.28	
26 05 36 00-1754	EA		36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray .....	925.35	505.34
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	54.57	
<b>26 05 36 00-1755</b>			<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1756	EA		6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	658.89	252.67
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	56.72	
26 05 36 00-1757	EA		12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	731.53	278.17
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	63.37	
26 05 36 00-1758	EA		18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	850.31	326.85
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	73.08	
26 05 36 00-1759	EA		24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	1,008.71	396.97
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	85.15	
26 05 36 00-1760	EA		30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray .....	1,104.38	427.11
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	94.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1761 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,278.73 107.33	506.84
<b>26 05 36 00-1762 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1763 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	879.43 85.48	278.63
26 05 36 00-1764 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	995.79 97.90	308.76
26 05 36 00-1765 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,140.45 109.29	370.66
26 05 36 00-1766 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,406.82 133.55	464.88
26 05 36 00-1767 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,542.88 146.95	506.84
26 05 36 00-1768 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,757.57 160.52	618.69
<b>26 05 36 00-1769 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1770 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,222.20 131.86	308.76
26 05 36 00-1771 EA 12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,343.65 143.60	347.71
26 05 36 00-1772 EA 18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,562.73 163.04	428.26
26 05 36 00-1773 EA 24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,853.23 185.11	557.27
26 05 36 00-1774 EA 30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,031.14 201.55	618.69
26 05 36 00-1775 EA 36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,328.82 233.42	695.42
<b>26 05 36 00-1776 Straight Reducers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1777 EA 12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	249.54 24.18	79.51
26 05 36 00-1778 EA 18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	275.04 25.83	92.60
26 05 36 00-1779 EA 24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	302.96 27.98	104.77
26 05 36 00-1780 EA 30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	341.13 31.02	120.89
26 05 36 00-1781 EA 36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	378.61 33.65	138.85
<b>26 05 36 00-1782 Reducers</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1783 EA 18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	273.24 25.55	92.60
26 05 36 00-1784 EA 24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	301.38 27.71	105.01
26 05 36 00-1785 EA 30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	337.22 30.45	120.77
26 05 36 00-1786 EA 30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	338.96 30.72	120.77
26 05 36 00-1787 EA 36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	378.61 33.65	138.85
26 05 36 00-1788 EA 36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	380.49 33.93	138.85
26 05 36 00-1789 EA 36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray ..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	384.64 34.52	139.08
<b>26 05 36 00-1790 Dropout Or End Plate</b> <small>(26 05 36 00-1649)</small>		
26 05 36 00-1791 EA 6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	81.82	34.77
26 05 36 00-1792 EA 12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	97.68	42.42
26 05 36 00-1793 EA 18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	116.17	50.31
26 05 36 00-1794 EA 24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	128.29	55.64
26 05 36 00-1795 EA 30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	144.45	61.77
26 05 36 00-1796 EA 36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	164.02	69.54
<b>26 05 36 00-1797 Vented Bottom Cable Tray</b> <small>(26 05 36 00-0001)</small> Note: 6" Height.		
<b>26 05 36 00-1798 Vented Bottom Galvanized Steel Cable Tray</b> <small>(26 05 36 00-1797)</small>		
26 05 36 00-1799 LF 6" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	40.27 -3.01	12.17
26 05 36 00-1800 LF 12" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	47.47 -3.59	13.91
26 05 36 00-1801 LF 18" Vented Bottom Steel Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	55.95 -4.26	16.00



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1802	LF		24" Vented Bottom Steel Cable Tray, Straight Section .....	64.22	18.31
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-4.89	
26 05 36 00-1803	LF		30" Vented Bottom Steel Cable Tray, Straight Section .....	85.17	22.14
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-6.67	
26 05 36 00-1804	LF		36" Vented Bottom Steel Cable Tray, Straight Section .....	100.40	27.81
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-7.72	
<b>26 05 36 00-1805</b>			<b>Vented Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-1797)</b>		
<b>26 05 36 00-1806</b>			<b>90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1807	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	366.94	146.50
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-24.49	
26 05 36 00-1808	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	476.18	198.20
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.10	
26 05 36 00-1809	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	588.76	252.67
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-37.82	
26 05 36 00-1810	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	722.21	309.35
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-46.44	
26 05 36 00-1811	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	814.87	348.41
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-52.45	
26 05 36 00-1812	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	933.98	397.78
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-60.25	
<b>26 05 36 00-1813</b>			<b>90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1814	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	438.71	154.39
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.00	
26 05 36 00-1815	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	565.77	214.07
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-38.74	
26 05 36 00-1816	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	716.16	278.17
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-48.44	
26 05 36 00-1817	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	864.22	347.71
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-57.45	
26 05 36 00-1818	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	926.99	359.18
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.77	
26 05 36 00-1819	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,153.82	463.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-76.75	
<b>26 05 36 00-1820</b>			<b>90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1821	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	543.00	163.19
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-40.70	
26 05 36 00-1822	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	696.81	232.16
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.34	
26 05 36 00-1823	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	887.52	309.35
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.97	
26 05 36 00-1824	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,054.15	396.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-72.34	
26 05 36 00-1825	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,213.51	463.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-82.72	
26 05 36 00-1826	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,417.08	555.41
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-95.42	
<b>26 05 36 00-1827</b>			<b>45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1828	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	340.12	146.62
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-21.80	
26 05 36 00-1829	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	444.11	198.20
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-27.89	
26 05 36 00-1830	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	551.28	252.32
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.10	
26 05 36 00-1831	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	675.84	308.76
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.85	
26 05 36 00-1832	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	763.34	348.41
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-47.30	
26 05 36 00-1833	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray .....	872.87	396.97
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-54.21	
<b>26 05 36 00-1834</b>			<b>45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1805)</b>		
26 05 36 00-1835	EA		6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	399.05	154.50
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-27.03	
26 05 36 00-1836	EA		12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	519.81	214.07
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.14	
26 05 36 00-1837	EA		18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	661.34	278.63
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.92	
26 05 36 00-1838	EA		24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	801.58	347.71
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-51.18	
26 05 36 00-1839	EA		30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	919.15	397.78
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.76	
26 05 36 00-1840	EA		36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,069.97	463.61
			<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-68.36	





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1841</b>				<b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	483.91	163.54
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.76	
			EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	627.59	231.46
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-43.47	
			EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	805.69	309.35
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-54.79	
			EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	969.29	397.78
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-63.78	
			EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,116.53	463.61
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-73.02	
			EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,311.96	557.27
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-84.76	
<b>26 05 36 00-1848</b>				<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	401.91	146.04
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-28.02	
			EA	12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	507.18	198.20
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-34.20	
			EA	18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	600.24	252.67
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-38.97	
			EA	24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	719.92	309.35
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-46.21	
			EA	30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	789.61	348.41
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.93	
			EA	36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray .....	881.96	396.97
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-55.12	
<b>26 05 36 00-1855</b>				<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	484.63	154.39
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-35.60	
			EA	12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	597.91	214.07
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.95	
			EA	18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	729.94	278.17
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.81	
			EA	24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	855.03	347.71
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.53	
			EA	30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	971.50	396.97
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.07	
			EA	36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,096.42	463.61
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-71.01	
<b>26 05 36 00-1862</b>				<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	579.74	163.19
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-44.37	
			EA	12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	712.88	232.16
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-51.95	
			EA	18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	878.34	309.35
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.06	
			EA	24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,049.56	396.97
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-71.88	
			EA	30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,169.89	463.61
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-78.35	
			EA	36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,366.57	555.41
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-90.37	
<b>26 05 36 00-1869</b>				<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	649.58	278.17
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.78	
			EA	12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	784.99	347.01
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-49.58	
			EA	18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	897.25	397.78
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.57	
			EA	24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	1,043.61	463.61
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-65.73	
			EA	30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	1,152.28	505.34
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-73.11	
			EA	36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray .....	1,265.55	555.41
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-80.27	
<b>26 05 36 00-1876</b>				<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-1805)</small>		
			EA	6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray .....	822.33	308.76
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-56.50	
			EA	12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray .....	996.76	396.97
				<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-66.60	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1879	EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,146.93 -76.06	463.61
26 05 36 00-1880	EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,412.49 -94.96	555.41
26 05 36 00-1881	EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,559.23 -104.36	618.69
26 05 36 00-1882	EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,742.21 -116.27	695.42
<b>26 05 36 00-1883</b>	<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1884	EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,020.34 -73.06	347.71
26 05 36 00-1885	EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,275.50 -88.92	463.61
26 05 36 00-1886	EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,477.45 -101.31	557.27
26 05 36 00-1887	EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,820.27 -124.08	695.42
26 05 36 00-1888	EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,029.43 -136.48	797.53
26 05 36 00-1889	EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,367.81 -159.72	924.80
<b>26 05 36 00-1890</b>	<b>12" Radius Vertical Tees</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1891	EA 6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	773.56 -54.18	278.17
26 05 36 00-1892	EA 12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	894.06 -60.43	347.71
26 05 36 00-1893	EA 18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	939.25 -63.03	370.66
26 05 36 00-1894	EA 24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,001.35 -67.06	396.97
26 05 36 00-1895	EA 30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,074.15 -71.73	428.26
26 05 36 00-1896	EA 36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,209.68 -78.85	505.34
<b>26 05 36 00-1897</b>	<b>24" Radius Vertical Tees</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1898	EA 6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	930.23 -67.29	308.76
26 05 36 00-1899	EA 12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,097.78 -76.70	396.97
26 05 36 00-1900	EA 18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,170.58 -81.37	428.26
26 05 36 00-1901	EA 24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,264.02 -87.77	463.61
26 05 36 00-1902	EA 30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,358.92 -93.78	505.34
26 05 36 00-1903	EA 36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,591.38 -107.58	618.69
<b>26 05 36 00-1904</b>	<b>36" Radius Vertical Tees</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1905	EA 6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,239.59 -95.04	347.01
26 05 36 00-1906	EA 12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,449.99 -106.36	463.61
26 05 36 00-1907	EA 18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,542.59 -112.14	505.34
26 05 36 00-1908	EA 24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,674.90 -121.05	557.27
26 05 36 00-1909	EA 30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,892.15 -137.66	618.69
26 05 36 00-1910	EA 36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,195.56 -153.40	793.83
<b>26 05 36 00-1911</b>	<b>12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1912	EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	818.30 -52.85	347.71
26 05 36 00-1913	EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	904.13 -57.26	397.78
26 05 36 00-1914	EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,041.31 -65.50	463.61
26 05 36 00-1915	EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,208.15 -74.53	555.41
26 05 36 00-1916	EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,344.36 -83.06	616.50
26 05 36 00-1917	EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,514.91 -93.54	695.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-1918 24" Radius Horizontal Crosses</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1919 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,037.30	397.78
For 4-5/8" Overall Height Instead Of 6", Deduct	-70.58	
26 05 36 00-1920 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,165.29	463.61
For 4-5/8" Overall Height Instead Of 6", Deduct	-77.89	
26 05 36 00-1921 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,357.39	555.41
For 4-5/8" Overall Height Instead Of 6", Deduct	-89.45	
26 05 36 00-1922 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,707.77	695.42
For 4-5/8" Overall Height Instead Of 6", Deduct	-112.83	
26 05 36 00-1923 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	1,929.23	793.83
For 4-5/8" Overall Height Instead Of 6", Deduct	-126.77	
26 05 36 00-1924 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray .....	2,184.13	924.80
For 4-5/8" Overall Height Instead Of 6", Deduct	-141.35	
<b>26 05 36 00-1925 36" Radius Horizontal Crosses</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1926 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,404.07	463.61
For 4-5/8" Overall Height Instead Of 6", Deduct	-101.77	
26 05 36 00-1927 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,592.25	557.27
For 4-5/8" Overall Height Instead Of 6", Deduct	-112.79	
26 05 36 00-1928 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	1,836.34	695.42
For 4-5/8" Overall Height Instead Of 6", Deduct	-125.68	
26 05 36 00-1929 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	2,364.57	929.66
For 4-5/8" Overall Height Instead Of 6", Deduct	-158.98	
26 05 36 00-1930 EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	2,752.83	1,114.42
For 4-5/8" Overall Height Instead Of 6", Deduct	-182.41	
26 05 36 00-1931 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray .....	3,282.36	1,390.85
For 4-5/8" Overall Height Instead Of 6", Deduct	-212.33	
<b>26 05 36 00-1932 Straight Reducers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1933 EA 12" To 6" Reducer, Vented Bottom, Steel Cable Tray .....	313.33	118.45
For 4-5/8" Overall Height Instead Of 6", Deduct	-21.46	
26 05 36 00-1934 EA 18" To 12" Reducer, Vented Bottom, Steel Cable Tray .....	341.06	132.37
For 4-5/8" Overall Height Instead Of 6", Deduct	-23.08	
26 05 36 00-1935 EA 24" To 18" Reducer, Vented Bottom, Steel Cable Tray .....	385.67	154.27
For 4-5/8" Overall Height Instead Of 6", Deduct	-25.71	
26 05 36 00-1936 EA 30" To 24" Reducer, Vented Bottom, Steel Cable Tray .....	422.92	173.85
For 4-5/8" Overall Height Instead Of 6", Deduct	-27.80	
26 05 36 00-1937 EA 36" To 30" Reducer, Vented Bottom, Steel Cable Tray .....	461.47	191.47
For 4-5/8" Overall Height Instead Of 6", Deduct	-30.19	
<b>26 05 36 00-1938 Reducers</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1939 EA 18" To 6" Reducer, Vented Bottom, Steel Cable Tray .....	341.06	132.37
For 4-5/8" Overall Height Instead Of 6", Deduct	-23.08	
26 05 36 00-1940 EA 24" To 12" Reducer, Vented Bottom, Steel Cable Tray .....	383.85	154.50
For 4-5/8" Overall Height Instead Of 6", Deduct	-25.51	
26 05 36 00-1941 EA 30" To 12" Reducer, Vented Bottom, Steel Cable Tray .....	420.34	173.62
For 4-5/8" Overall Height Instead Of 6", Deduct	-27.56	
26 05 36 00-1942 EA 30" To 18" Reducer, Vented Bottom, Steel Cable Tray .....	422.34	173.51
For 4-5/8" Overall Height Instead Of 6", Deduct	-27.78	
26 05 36 00-1943 EA 36" To 12" Reducer, Vented Bottom, Steel Cable Tray .....	459.17	191.47
For 4-5/8" Overall Height Instead Of 6", Deduct	-29.96	
26 05 36 00-1944 EA 36" To 18" Reducer, Vented Bottom, Steel Cable Tray .....	461.47	191.47
For 4-5/8" Overall Height Instead Of 6", Deduct	-30.19	
26 05 36 00-1945 EA 36" To 24" Reducer, Vented Bottom, Steel Cable Tray .....	464.46	191.93
For 4-5/8" Overall Height Instead Of 6", Deduct	-30.46	
<b>26 05 36 00-1946 Dropout Or End Plate</b> <small>(26 05 36 00-1805)</small>		
26 05 36 00-1947 EA 6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	98.95	42.77
26 05 36 00-1948 EA 12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	117.43	50.19
26 05 36 00-1949 EA 18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	129.42	55.40
26 05 36 00-1950 EA 24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	145.64	61.77
26 05 36 00-1951 EA 30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	161.46	69.43
26 05 36 00-1952 EA 36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray .....	188.89	82.99
<b>26 05 36 00-1953 Vented Bottom Aluminum Cable Tray</b> <small>(26 05 36 00-1797)</small>		
26 05 36 00-1954 LF 6" Vented Bottom Aluminum Cable Tray, Straight Section .....	37.49	9.04
For 4-5/8" Overall Height Instead Of 6", Deduct	-2.99	
26 05 36 00-1955 LF 9" Vented Bottom Aluminum Cable Tray, Straight Section .....	41.62	9.96
For 4-5/8" Overall Height Instead Of 6", Deduct	-3.34	
26 05 36 00-1956 LF 12" Vented Bottom Aluminum Cable Tray, Straight Section .....	46.57	11.13
For 4-5/8" Overall Height Instead Of 6", Deduct	-3.73	
26 05 36 00-1957 LF 18" Vented Bottom Aluminum Cable Tray, Straight Section .....	54.33	12.40
For 4-5/8" Overall Height Instead Of 6", Deduct	-4.40	
26 05 36 00-1958 LF 24" Vented Bottom Aluminum Cable Tray, Straight Section .....	62.44	13.79
For 4-5/8" Overall Height Instead Of 6", Deduct	-5.10	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 36 00-1959	LF	30" Vented Bottom Aluminum Cable Tray, Straight Section .....	79.60		15.88
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-6.64		
26 05 36 00-1960	LF	36" Vented Bottom Aluminum Cable Tray, Straight Section .....	88.41		18.66
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-7.29		
<b>26 05 36 00-1961</b>		<b>Vented Bottom Aluminum Cable Tray Fittings</b> (26 05 36 00-1797)			
<b>26 05 36 00-1962</b>		<b>90 Degree, 12" Radius Horizontal Elbows</b> (26 05 36 00-1961)			
26 05 36 00-1963	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	425.73		146.50
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-30.37		
26 05 36 00-1964	EA	9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	462.51		159.02
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.00		
26 05 36 00-1965	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	508.98		179.07
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-35.98		
26 05 36 00-1966	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	575.56		198.43
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-41.02		
26 05 36 00-1967	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	687.83		242.12
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-48.61		
26 05 36 00-1968	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	814.42		278.63
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-58.22		
26 05 36 00-1969	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	897.24		309.35
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-63.95		
<b>26 05 36 00-1970</b>		<b>90 Degree, 24" Radius Horizontal Elbows</b> (26 05 36 00-1961)			
26 05 36 00-1971	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	520.54		154.39
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-39.19		
26 05 36 00-1972	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	627.78		191.93
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-46.79		
26 05 36 00-1973	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	712.17		214.07
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-53.38		
26 05 36 00-1974	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	846.37		264.61
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.59		
26 05 36 00-1975	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	977.01		308.30
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-72.01		
26 05 36 00-1976	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,079.62		347.71
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-78.99		
<b>26 05 36 00-1977</b>		<b>90 Degree, 36" Radius Horizontal Elbows</b> (26 05 36 00-1961)			
26 05 36 00-1978	EA	6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	643.21		163.19
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.72		
26 05 36 00-1979	EA	12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	767.49		206.20
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-59.56		
26 05 36 00-1980	EA	18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	868.54		232.16
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.51		
26 05 36 00-1981	EA	24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,014.23		292.66
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-77.03		
26 05 36 00-1982	EA	30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,091.24		283.62
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-85.49		
26 05 36 00-1983	EA	36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,332.74		396.97
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-100.20		
<b>26 05 36 00-1984</b>		<b>45 Degree, 12" Radius Horizontal Elbows</b> (26 05 36 00-1961)			
26 05 36 00-1985	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	385.97		146.62
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-26.38		
26 05 36 00-1986	EA	9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	419.32		159.25
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-28.67		
26 05 36 00-1987	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	462.65		179.07
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-31.34		
26 05 36 00-1988	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	521.32		198.20
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-35.61		
26 05 36 00-1989	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	624.73		241.78
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-42.32		
26 05 36 00-1990	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	737.41		278.63
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-50.52		
26 05 36 00-1991	EA	36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	812.36		308.76
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-55.50		
<b>26 05 36 00-1992</b>		<b>45 Degree, 24" Radius Horizontal Elbows</b> (26 05 36 00-1961)			
26 05 36 00-1993	EA	6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	462.87		154.50
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-33.41		
26 05 36 00-1994	EA	12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	560.03		191.93
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-40.01		
26 05 36 00-1995	EA	18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	634.45		214.43
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-45.58		
26 05 36 00-1996	EA	24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	757.87		265.07
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-53.70		
26 05 36 00-1997	EA	30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	876.92		309.35
		<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.91		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1998 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	969.60 -67.98	347.71
<b>26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	562.07 -42.58	163.54
26 05 36 00-2001 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	673.45 -50.20	205.73
26 05 36 00-2002 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	762.57 -56.91	232.16
26 05 36 00-2003 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	899.24 -65.49	293.24
26 05 36 00-2004 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,028.15 -75.53	327.43
26 05 36 00-2005 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,186.59 -85.51	397.78
<b>26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	464.59 -34.28	146.04
26 05 36 00-2008 EA 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	498.64 -36.65	158.68
26 05 36 00-2009 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	535.30 -38.61	179.07
26 05 36 00-2010 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	575.56 -41.02	198.43
26 05 36 00-2011 EA 24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	674.67 -47.29	242.12
26 05 36 00-2012 EA 30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	748.62 -51.64	278.63
26 05 36 00-2013 EA 36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	801.57 -54.42	308.76
<b>26 05 36 00-2014 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015 EA 6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	554.76 -42.61	154.39
26 05 36 00-2016 EA 12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	643.57 -48.37	191.93
26 05 36 00-2017 EA 18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	709.54 -53.11	214.07
26 05 36 00-2018 EA 24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	799.67 -57.88	265.07
26 05 36 00-2019 EA 30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	891.06 -63.37	308.76
26 05 36 00-2020 EA 36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	974.34 -68.46	347.71
<b>26 05 36 00-2021 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2022 EA 6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	640.58 -50.45	163.19
26 05 36 00-2023 EA 12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	738.54 -56.67	206.20
26 05 36 00-2024 EA 18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	829.05 -63.56	232.16
26 05 36 00-2025 EA 24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	966.85 -72.29	292.66
26 05 36 00-2026 EA 30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,072.10 -79.93	327.43
26 05 36 00-2027 EA 36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,203.76 -87.30	396.97
<b>26 05 36 00-2028 12" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029 EA 6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	739.98 -50.82	278.17
26 05 36 00-2030 EA 9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	772.08 -52.82	292.66
26 05 36 00-2031 EA 12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	821.72 -56.48	308.30
26 05 36 00-2032 EA 18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	938.65 -64.83	348.41
26 05 36 00-2033 EA 24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,072.16 -74.14	396.97
26 05 36 00-2034 EA 30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,212.25 -82.59	463.61
26 05 36 00-2035 EA 36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,342.43 -92.13	505.34



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-2036 24" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037 EA 6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	935.81	308.76
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-67.85	
26 05 36 00-2038 EA 12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,057.40	347.01
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-76.82	
26 05 36 00-2039 EA 18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,187.97	396.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-85.72	
26 05 36 00-2040 EA 24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,428.66	462.34
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-104.33	
26 05 36 00-2041 EA 30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,639.39	557.27
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-117.50	
26 05 36 00-2042 EA 36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,860.28	618.69
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-134.47	
<b>26 05 36 00-2043 36" Radius Horizontal Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044 EA 6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,255.97	347.71
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-96.62	
26 05 36 00-2045 EA 12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,438.02	396.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-110.72	
26 05 36 00-2046 EA 18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,527.10	387.24
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-120.44	
26 05 36 00-2047 EA 24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,952.27	555.41
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-148.94	
26 05 36 00-2048 EA 30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	2,256.02	698.20
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-167.42	
26 05 36 00-2049 EA 36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	2,586.51	793.83
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-192.50	
<b>26 05 36 00-2050 12" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051 EA 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	842.63	278.17
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-61.08	
26 05 36 00-2052 EA 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	869.47	292.66
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-62.56	
26 05 36 00-2053 EA 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	925.28	308.76
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-66.79	
26 05 36 00-2054 EA 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	958.92	327.43
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-88.61	
26 05 36 00-2055 EA 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	1,002.13	347.01
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-71.30	
26 05 36 00-2056 EA 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	1,060.01	370.66
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-75.11	
26 05 36 00-2057 EA 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	1,172.56	427.11
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-81.66	
<b>26 05 36 00-2058 24" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059 EA 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,051.62	308.76
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-79.43	
26 05 36 00-2060 EA 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,157.42	347.01
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-86.82	
26 05 36 00-2061 EA 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,236.37	370.66
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-92.75	
26 05 36 00-2062 EA 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,319.58	396.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-98.88	
26 05 36 00-2063 EA 30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,422.61	427.11
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-106.66	
26 05 36 00-2064 EA 36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray .....	1,568.61	506.84
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-114.62	
<b>26 05 36 00-2065 36" Radius Vertical Tees</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2066 EA 6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,407.47	347.01
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-111.83	
26 05 36 00-2067 EA 12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,543.31	396.97
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-121.25	
26 05 36 00-2068 EA 18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,620.02	427.11
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-126.41	
26 05 36 00-2069 EA 24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,748.64	464.88
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-136.13	
26 05 36 00-2070 EA 30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	1,897.62	506.84
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-147.52	
26 05 36 00-2071 EA 36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray .....	2,133.01	616.50
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-161.93	
<b>26 05 36 00-2072 12" Radius Horizontal Crosses</b> <small>(26 05 36 00-1961)</small>		
26 05 36 00-2073 EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	859.48	308.76
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-60.21	
26 05 36 00-2074 EA 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray .....	914.18	327.43
<i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	-64.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2075 EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	959.70	348.41
For 4-5/8" Overall Height Instead Of 6", Deduct	-66.94	
26 05 36 00-2076 EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,059.00	396.97
For 4-5/8" Overall Height Instead Of 6", Deduct	-72.82	
26 05 36 00-2077 EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,212.82	462.34
For 4-5/8" Overall Height Instead Of 6", Deduct	-82.75	
26 05 36 00-2078 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,376.83	503.94
For 4-5/8" Overall Height Instead Of 6", Deduct	-95.69	
26 05 36 00-2079 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,678.67	618.69
For 4-5/8" Overall Height Instead Of 6", Deduct	-116.31	
<b>26 05 36 00-2080 24" Radius Horizontal Crosses</b> (26 05 36 00-1961)		
26 05 36 00-2081 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,199.23	348.41
For 4-5/8" Overall Height Instead Of 6", Deduct	-90.89	
26 05 36 00-2082 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,338.00	396.97
For 4-5/8" Overall Height Instead Of 6", Deduct	-100.72	
26 05 36 00-2083 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,499.72	462.34
For 4-5/8" Overall Height Instead Of 6", Deduct	-111.44	
26 05 36 00-2084 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,768.03	555.41
For 4-5/8" Overall Height Instead Of 6", Deduct	-130.52	
26 05 36 00-2085 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,935.60	616.50
For 4-5/8" Overall Height Instead Of 6", Deduct	-142.18	
26 05 36 00-2086 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	2,349.62	793.83
For 4-5/8" Overall Height Instead Of 6", Deduct	-168.81	
<b>26 05 36 00-2087 36" Radius Horizontal Crosses</b> (26 05 36 00-1961)		
26 05 36 00-2088 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,674.91	396.97
For 4-5/8" Overall Height Instead Of 6", Deduct	-134.41	
26 05 36 00-2089 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,853.93	464.88
For 4-5/8" Overall Height Instead Of 6", Deduct	-146.66	
26 05 36 00-2090 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	2,097.04	555.41
For 4-5/8" Overall Height Instead Of 6", Deduct	-163.42	
26 05 36 00-2091 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	2,519.23	698.20
For 4-5/8" Overall Height Instead Of 6", Deduct	-193.74	
26 05 36 00-2092 EA 30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	2,803.15	797.53
For 4-5/8" Overall Height Instead Of 6", Deduct	-213.86	
26 05 36 00-2093 EA 36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	3,252.14	924.80
For 4-5/8" Overall Height Instead Of 6", Deduct	-248.15	
<b>26 05 36 00-2094 Straight Reducers</b> (26 05 36 00-1961)		
26 05 36 00-2095 EA 9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray .....	323.08	92.72
For 4-5/8" Overall Height Instead Of 6", Deduct	-24.58	
26 05 36 00-2096 EA 12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray .....	339.14	97.71
For 4-5/8" Overall Height Instead Of 6", Deduct	-25.77	
26 05 36 00-2097 EA 18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray .....	382.56	115.79
For 4-5/8" Overall Height Instead Of 6", Deduct	-28.60	
26 05 36 00-2098 EA 24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray .....	423.02	132.25
For 4-5/8" Overall Height Instead Of 6", Deduct	-31.28	
26 05 36 00-2099 EA 30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray .....	465.51	154.50
For 4-5/8" Overall Height Instead Of 6", Deduct	-33.67	
26 05 36 00-2100 EA 36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray .....	505.01	173.51
For 4-5/8" Overall Height Instead Of 6", Deduct	-36.04	
<b>26 05 36 00-2101 Reducers</b> (26 05 36 00-1961)		
26 05 36 00-2102 EA 12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray .....	338.87	97.48
For 4-5/8" Overall Height Instead Of 6", Deduct	-25.76	
26 05 36 00-2103 EA 18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray .....	382.43	115.79
For 4-5/8" Overall Height Instead Of 6", Deduct	-28.60	
26 05 36 00-2104 EA 18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray .....	382.43	115.79
For 4-5/8" Overall Height Instead Of 6", Deduct	-28.60	
26 05 36 00-2105 EA 24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray .....	423.19	132.37
For 4-5/8" Overall Height Instead Of 6", Deduct	-31.29	
26 05 36 00-2106 EA 24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray .....	423.19	132.37
For 4-5/8" Overall Height Instead Of 6", Deduct	-31.29	
26 05 36 00-2107 EA 24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray .....	423.52	132.48
For 4-5/8" Overall Height Instead Of 6", Deduct	-31.31	
26 05 36 00-2108 EA 30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray .....	470.53	154.39
For 4-5/8" Overall Height Instead Of 6", Deduct	-34.19	
26 05 36 00-2109 EA 30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray .....	465.04	154.27
For 4-5/8" Overall Height Instead Of 6", Deduct	-33.65	
26 05 36 00-2110 EA 36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray .....	505.01	173.51
For 4-5/8" Overall Height Instead Of 6", Deduct	-36.04	
26 05 36 00-2111 EA 36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray .....	505.01	173.51
For 4-5/8" Overall Height Instead Of 6", Deduct	-36.04	
26 05 36 00-2112 EA 36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray .....	505.59	173.85
For 4-5/8" Overall Height Instead Of 6", Deduct	-36.07	
<b>26 05 36 00-2113 Dropout Or End Plate</b> (26 05 36 00-1961)		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2114	EA		6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	105.76	42.77
26 05 36 00-2115	EA		9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	115.41	46.71
26 05 36 00-2116	EA		12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	124.37	50.19
26 05 36 00-2117	EA		18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	141.43	55.40
26 05 36 00-2118	EA		24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	162.27	61.77
26 05 36 00-2119	EA		30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	178.94	69.43
26 05 36 00-2120	EA		36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray .....	204.88	79.51
<b>26 05 36 00-2121</b>			<b>Cable Tray Covers And Dividers (26 05 36 00-0001)</b>		
<b>26 05 36 00-2122</b>			<b>Galvanized Steel Covers (26 05 36 00-2121)</b>		
<b>26 05 36 00-2123</b>			<b>Ventilated Straight Sections (26 05 36 00-2122)</b>		
26 05 36 00-2124	LF		6" Steel Cable Tray Cover, Straight Section .....	10.77	2.08
26 05 36 00-2125	LF		9" Steel Cable Tray Cover, Straight Section .....	13.01	2.44
26 05 36 00-2126	LF		12" Steel Cable Tray Cover, Straight Section .....	15.31	2.79
26 05 36 00-2127	LF		18" Steel Cable Tray Cover, Straight Section .....	20.75	3.71
26 05 36 00-2128	LF		24" Steel Cable Tray Cover, Straight Section .....	26.27	4.98
26 05 36 00-2129	LF		30" Steel Cable Tray Cover, Straight Section .....	31.86	6.14
26 05 36 00-2130	LF		36" Steel Cable Tray Cover, Straight Section .....	140.82	69.66
<b>26 05 36 00-2131</b>			<b>90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)</b>		
26 05 36 00-2132	EA		6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	66.36	7.42
26 05 36 00-2133	EA		9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	74.17	8.69
26 05 36 00-2134	EA		12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	80.26	10.31
26 05 36 00-2135	EA		18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	109.26	13.21
26 05 36 00-2136	EA		24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	133.68	16.81
26 05 36 00-2137	EA		30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	161.88	18.66
26 05 36 00-2138	EA		36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	195.56	22.25
<b>26 05 36 00-2139</b>			<b>90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)</b>		
26 05 36 00-2140	EA		6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	103.20	8.23
26 05 36 00-2141	EA		9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	107.84	9.62
26 05 36 00-2142	EA		12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	121.53	11.59
26 05 36 00-2143	EA		18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	150.74	14.72
26 05 36 00-2144	EA		24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	184.78	18.54
26 05 36 00-2145	EA		30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	237.67	21.33
26 05 36 00-2146	EA		36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	276.38	25.27
<b>26 05 36 00-2147</b>			<b>90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-2122)</b>		
26 05 36 00-2148	EA		6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	146.25	9.27
26 05 36 00-2149	EA		9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	162.49	10.66
26 05 36 00-2150	EA		12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	175.88	13.21
26 05 36 00-2151	EA		18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	223.21	15.42
26 05 36 00-2152	EA		24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	269.85	21.44
26 05 36 00-2153	EA		30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	318.14	24.23
26 05 36 00-2154	EA		36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover.....	372.31	27.81
<b>26 05 36 00-2155</b>			<b>45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)</b>		
26 05 36 00-2156	EA		6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	50.76	7.42
			For 60 Degree Bend, Deduct	-13.89	
			For 30 Degree Bend, Deduct	-23.57	
26 05 36 00-2157	EA		9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	60.40	8.69
			For 60 Degree Bend, Deduct	-16.60	
			For 30 Degree Bend, Deduct	-28.15	
26 05 36 00-2158	EA		12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	67.63	10.31
			For 60 Degree Bend, Deduct	-18.38	
			For 30 Degree Bend, Deduct	-31.20	
26 05 36 00-2159	EA		18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	81.89	12.63
			For 60 Degree Bend, Deduct	-22.18	
			For 30 Degree Bend, Deduct	-37.67	
26 05 36 00-2160	EA		24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	95.61	14.60
			For 60 Degree Bend, Deduct	-25.93	
			For 30 Degree Bend, Deduct	-44.03	
26 05 36 00-2161	EA		30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	111.90	16.81
			For 60 Degree Bend, Deduct	-30.46	
			For 30 Degree Bend, Deduct	-51.71	
26 05 36 00-2162	EA		36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	125.04	18.54
			For 60 Degree Bend, Deduct	-34.15	
			For 30 Degree Bend, Deduct	-57.95	
<b>26 05 36 00-2163</b>			<b>45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-2122)</b>		
26 05 36 00-2164	EA		6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover.....	69.93	8.23
			For 60 Degree Bend, Deduct	-19.93	
			For 30 Degree Bend, Deduct	-33.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2165 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	79.14 -22.44 -37.93	9.62
26 05 36 00-2166 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	90.53 -25.42 -43.02	11.59
26 05 36 00-2167 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	104.72 -29.22 -49.47	13.91
26 05 36 00-2168 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	120.67 -33.72 -57.08	15.88
26 05 36 00-2169 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	150.37 -42.50 -71.86	18.54
26 05 36 00-2170 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	166.57 -46.76 -79.12	21.44
<b>26 05 36 00-2171 45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2172 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	96.92 -28.44 -47.91	9.27
26 05 36 00-2173 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	109.69 -32.09 -54.08	10.66
26 05 36 00-2174 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	123.01 -35.54 -59.96	13.21
26 05 36 00-2175 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	140.42 -40.71 -68.66	14.72
26 05 36 00-2176 EA 24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	171.14 -49.59 -83.65	17.96
26 05 36 00-2177 EA 30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	189.53 -54.33 -91.75	21.44
26 05 36 00-2178 EA 36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover ..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	224.63 -65.24 -110.02	23.18
<b>26 05 36 00-2179 90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2180 EA 6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	57.38	7.42
26 05 36 00-2181 EA 9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	60.40	8.69
26 05 36 00-2182 EA 12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	66.48	10.31
26 05 36 00-2183 EA 18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	77.33	12.63
26 05 36 00-2184 EA 24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	84.66	16.34
26 05 36 00-2185 EA 30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	94.15	18.66
26 05 36 00-2186 EA 36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover .....	118.56	22.25
<b>26 05 36 00-2187 90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2188 EA 6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	68.76	8.23
26 05 36 00-2189 EA 9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	76.84	9.62
26 05 36 00-2190 EA 12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	82.50	11.59
26 05 36 00-2191 EA 18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	106.98	13.91
26 05 36 00-2192 EA 24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	124.03	17.96
26 05 36 00-2193 EA 30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	142.42	21.44
26 05 36 00-2194 EA 36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover .....	163.87	25.27
<b>26 05 36 00-2195 90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2196 EA 6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	79.67	9.27
26 05 36 00-2197 EA 9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	99.36	10.66
26 05 36 00-2198 EA 12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	113.89	13.21
26 05 36 00-2199 EA 18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	140.42	14.72
26 05 36 00-2200 EA 24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	162.84	20.52
26 05 36 00-2201 EA 30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	194.16	24.23
26 05 36 00-2202 EA 36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover .....	227.67	27.81
<b>26 05 36 00-2203 12" Radius Horizontal Tees</b> <small>(26 05 36 00-2122)</small>		
26 05 36 00-2204 EA 6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	101.68	12.06
26 05 36 00-2205 EA 9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	106.98	13.91
26 05 36 00-2206 EA 12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	121.31	16.34
26 05 36 00-2207 EA 18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	145.78	18.54
26 05 36 00-2208 EA 24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	180.34	21.44
26 05 36 00-2209 EA 30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	221.32	30.83
26 05 36 00-2210 EA 36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover .....	266.01	36.98

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2211			<b>24" Radius Horizontal Tees</b> (26 05 36 00-2122)		
26 05 36 00-2212	EA		6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	149.65	12.63
26 05 36 00-2213	EA		9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	171.41	14.72
26 05 36 00-2214	EA		12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	180.48	17.39
26 05 36 00-2215	EA		18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	228.30	19.94
26 05 36 00-2216	EA		24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	337.01	23.18
26 05 36 00-2217	EA		30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	397.79	34.77
26 05 36 00-2218	EA		36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	445.52	42.77
26 05 36 00-2219			<b>36" Radius Horizontal Tees</b> (26 05 36 00-2122)		
26 05 36 00-2220	EA		6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	253.91	13.21
26 05 36 00-2221	EA		9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	262.21	15.42
26 05 36 00-2222	EA		12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	292.68	18.54
26 05 36 00-2223	EA		18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	343.41	21.44
26 05 36 00-2224	EA		24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	446.27	25.27
26 05 36 00-2225	EA		30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	504.91	39.87
26 05 36 00-2226	EA		36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	582.25	50.42
26 05 36 00-2227			<b>12" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2228	EA		6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	148.92	16.34
26 05 36 00-2229	EA		9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	157.55	17.39
26 05 36 00-2230	EA		12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	174.48	18.54
26 05 36 00-2231	EA		18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	205.60	21.44
26 05 36 00-2232	EA		24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	258.01	30.83
26 05 36 00-2233	EA		30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	298.09	36.98
26 05 36 00-2234	EA		36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	341.69	39.75
26 05 36 00-2235			<b>24" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2236	EA		6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	260.90	17.39
26 05 36 00-2237	EA		9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	283.50	18.54
26 05 36 00-2238	EA		12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	304.07	19.94
26 05 36 00-2239	EA		18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	362.27	23.18
26 05 36 00-2240	EA		24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	452.85	34.77
26 05 36 00-2241	EA		30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	516.60	42.77
26 05 36 00-2242	EA		36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover.....	577.62	46.25
26 05 36 00-2243			<b>36" Radius Horizontal Crosses</b> (26 05 36 00-2122)		
26 05 36 00-2244	EA		6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	418.95	18.54
26 05 36 00-2245	EA		9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	434.94	19.94
26 05 36 00-2246	EA		12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	458.20	21.44
26 05 36 00-2247	EA		18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	528.93	25.27
26 05 36 00-2248	EA		24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	686.25	39.75
26 05 36 00-2249	EA		30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	750.23	50.65
26 05 36 00-2250	EA		36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover.....	804.46	55.64
26 05 36 00-2251			<b>Reducers</b> (26 05 36 00-2122)		
26 05 36 00-2252	EA		9" To 6" Reducer, Steel Cable Tray Covers.....	66.15	8.69
26 05 36 00-2253	EA		12" To 6" Reducer, Steel Cable Tray Covers.....	71.11	10.31
26 05 36 00-2254	EA		12" To 9" Reducer, Steel Cable Tray Covers.....	71.11	10.31
26 05 36 00-2255	EA		18" To 6" Reducer, Steel Cable Tray Covers.....	78.47	12.63
26 05 36 00-2256	EA		18" To 12" Reducer, Steel Cable Tray Covers.....	78.47	12.63
26 05 36 00-2257	EA		24" To 12" Reducer, Steel Cable Tray Covers.....	96.65	13.91
26 05 36 00-2258	EA		24" To 18" Reducer, Steel Cable Tray Covers.....	103.54	13.91
26 05 36 00-2259	EA		30" To 12" Reducer, Steel Cable Tray Covers.....	99.98	15.88
26 05 36 00-2260	EA		30" To 18" Reducer, Steel Cable Tray Covers.....	106.87	15.88
26 05 36 00-2261	EA		30" To 24" Reducer, Steel Cable Tray Covers.....	111.46	15.88
26 05 36 00-2262	EA		36" To 12" Reducer, Steel Cable Tray Covers.....	116.17	17.39
26 05 36 00-2263	EA		36" To 18" Reducer, Steel Cable Tray Covers.....	118.46	17.39
26 05 36 00-2264	EA		36" To 24" Reducer, Steel Cable Tray Covers.....	120.76	17.39
26 05 36 00-2265	EA		36" To 30" Reducer, Steel Cable Tray Covers.....	121.91	17.39
26 05 36 00-2266			<b>Aluminum Covers</b> (26 05 36 00-2121)		
26 05 36 00-2267			<b>Ventilated Straight Sections</b> (26 05 36 00-2266)		
26 05 36 00-2268	LF		6" Aluminum Cable Tray Cover, Straight Section.....	11.77	2.08
26 05 36 00-2269	LF		9" Aluminum Cable Tray Cover, Straight Section.....	14.05	2.44
26 05 36 00-2270	LF		12" Aluminum Cable Tray Cover, Straight Section.....	16.51	2.79
26 05 36 00-2271	LF		18" Aluminum Cable Tray Cover, Straight Section.....	21.96	3.71
26 05 36 00-2272	LF		24" Aluminum Cable Tray Cover, Straight Section.....	28.20	4.98
26 05 36 00-2273	LF		30" Aluminum Cable Tray Cover, Straight Section.....	32.01	6.14
26 05 36 00-2274	LF		36" Aluminum Cable Tray Cover, Straight Section.....	139.22	69.66





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-2275</b> <b>90 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2276 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	63.80	7.42
26 05 36 00-2277 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	68.10	8.69
26 05 36 00-2278 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	75.21	10.31
26 05 36 00-2279 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	97.98	13.21
26 05 36 00-2280 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	124.15	16.81
26 05 36 00-2281 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	146.08	18.66
26 05 36 00-2282 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	177.90	22.25
<b>26 05 36 00-2283</b> <b>90 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2284 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	84.04	8.23
26 05 36 00-2285 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	103.14	9.62
26 05 36 00-2286 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	115.44	11.59
26 05 36 00-2287 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	138.41	14.72
26 05 36 00-2288 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	171.71	18.54
26 05 36 00-2289 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	207.67	21.33
26 05 36 00-2290 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	254.45	25.27
<b>26 05 36 00-2291</b> <b>90 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2292 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	136.03	9.27
26 05 36 00-2293 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	149.67	10.66
26 05 36 00-2294 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	171.75	13.21
26 05 36 00-2295 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	204.50	15.42
26 05 36 00-2296 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	252.39	21.44
26 05 36 00-2297 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	290.57	24.23
26 05 36 00-2298 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	338.98	27.81
<b>26 05 36 00-2299</b> <b>45 Degree, 12" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2300 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	50.40	7.42
For 60 Degree Bend, Deduct	-13.78	
For 30 Degree Bend, Deduct	-23.37	
26 05 36 00-2301 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	53.58	8.69
For 60 Degree Bend, Deduct	-14.35	
For 30 Degree Bend, Deduct	-24.40	
26 05 36 00-2302 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	60.91	10.31
For 60 Degree Bend, Deduct	-16.16	
For 30 Degree Bend, Deduct	-27.51	
26 05 36 00-2303 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	71.32	12.63
For 60 Degree Bend, Deduct	-18.69	
For 30 Degree Bend, Deduct	-31.86	
26 05 36 00-2304 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	80.30	14.60
For 60 Degree Bend, Deduct	-20.88	
For 30 Degree Bend, Deduct	-35.61	
26 05 36 00-2305 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	98.48	16.81
For 60 Degree Bend, Deduct	-26.04	
For 30 Degree Bend, Deduct	-44.33	
26 05 36 00-2306 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	115.81	18.54
For 60 Degree Bend, Deduct	-31.11	
For 30 Degree Bend, Deduct	-52.88	
<b>26 05 36 00-2307</b> <b>45 Degree, 24" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2308 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	57.81	8.23
For 60 Degree Bend, Deduct	-15.93	
For 30 Degree Bend, Deduct	-27.01	
26 05 36 00-2309 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	71.86	9.62
For 60 Degree Bend, Deduct	-20.03	
For 30 Degree Bend, Deduct	-33.92	
26 05 36 00-2310 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	77.45	11.59
For 60 Degree Bend, Deduct	-21.11	
For 30 Degree Bend, Deduct	-35.82	
26 05 36 00-2311 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	93.59	13.91
For 60 Degree Bend, Deduct	-25.55	
For 30 Degree Bend, Deduct	-43.35	
26 05 36 00-2312 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	113.68	15.88
For 60 Degree Bend, Deduct	-31.41	
For 30 Degree Bend, Deduct	-53.24	
26 05 36 00-2313 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	131.52	18.54
For 60 Degree Bend, Deduct	-36.28	
For 30 Degree Bend, Deduct	-61.49	
26 05 36 00-2314 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	151.88	21.44
For 60 Degree Bend, Deduct	-41.91	
For 30 Degree Bend, Deduct	-71.04	
<b>26 05 36 00-2315</b> <b>45 Degree, 36" Radius Horizontal Elbows</b> <small>(26 05 36 00-2266)</small>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2316	EA 6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	91.38 -26.61 -44.87	9.27
26 05 36 00-2317	EA 9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	100.52 -29.07 -49.04	10.66
26 05 36 00-2318	EA 12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	109.13 -30.96 -52.33	13.21
26 05 36 00-2319	EA 18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	129.49 -37.10 -62.65	14.72
26 05 36 00-2320	EA 24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	157.30 -45.02 -76.04	17.96
26 05 36 00-2321	EA 30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	180.93 -51.50 -87.02	21.44
26 05 36 00-2322	EA 36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	204.00 -58.43 -98.67	23.18
<b>26 05 36 00-2323</b>	<b>90 Degree, 12" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2324	EA 6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	56.17	7.42
26 05 36 00-2325	EA 9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	58.61	8.69
26 05 36 00-2326	EA 12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	65.16	10.31
26 05 36 00-2327	EA 18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	76.94	12.63
26 05 36 00-2328	EA 24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	85.35	16.34
26 05 36 00-2329	EA 30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	90.22	18.66
26 05 36 00-2330	EA 36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover .....	108.55	22.25
<b>26 05 36 00-2331</b>	<b>90 Degree, 24" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2332	EA 6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	63.93	8.23
26 05 36 00-2333	EA 9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	70.74	9.62
26 05 36 00-2334	EA 12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	78.57	11.59
26 05 36 00-2335	EA 18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	94.68	13.91
26 05 36 00-2336	EA 24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	108.10	17.96
26 05 36 00-2337	EA 30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	136.20	21.44
26 05 36 00-2338	EA 36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover .....	151.67	25.27
<b>26 05 36 00-2339</b>	<b>90 Degree, 36" Radius Vertical Risers</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2340	EA 6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	73.47	9.27
26 05 36 00-2341	EA 9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	89.35	10.66
26 05 36 00-2342	EA 12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	104.72	13.21
26 05 36 00-2343	EA 18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	125.02	14.72
26 05 36 00-2344	EA 24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	152.69	20.52
26 05 36 00-2345	EA 30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	190.03	24.23
26 05 36 00-2346	EA 36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover .....	207.16	27.81
<b>26 05 36 00-2347</b>	<b>12" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2348	EA 6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	91.67	12.06
26 05 36 00-2349	EA 9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	99.15	13.91
26 05 36 00-2350	EA 12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	112.08	16.34
26 05 36 00-2351	EA 18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	131.52	18.54
26 05 36 00-2352	EA 24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	163.06	21.44
26 05 36 00-2353	EA 30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	201.12	30.83
26 05 36 00-2354	EA 36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover .....	242.65	36.98
<b>26 05 36 00-2355</b>	<b>24" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2356	EA 6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	137.26	12.63
26 05 36 00-2357	EA 9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	154.06	14.72
26 05 36 00-2358	EA 12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	174.18	17.39
26 05 36 00-2359	EA 18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	202.96	19.94
26 05 36 00-2360	EA 24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	308.89	23.18
26 05 36 00-2361	EA 30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	357.39	34.77
26 05 36 00-2362	EA 36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover .....	404.19	42.77
<b>26 05 36 00-2363</b>	<b>36" Radius Horizontal Tees</b> <small>(26 05 36 00-2266)</small>		
26 05 36 00-2364	EA 6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	234.28	13.21
26 05 36 00-2365	EA 9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	242.46	15.42
26 05 36 00-2366	EA 12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	270.01	18.54
26 05 36 00-2367	EA 18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	306.10	21.44
26 05 36 00-2368	EA 24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	386.27	25.27
26 05 36 00-2369	EA 30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	452.93	39.87
26 05 36 00-2370	EA 36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover .....	519.72	50.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-2371</b>	<b>12" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small></b>	
26 05 36 00-2372 EA 6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	136.72	16.34
26 05 36 00-2373 EA 9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	145.16	17.39
26 05 36 00-2374 EA 12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	160.57	18.54
26 05 36 00-2375 EA 18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	192.10	21.44
26 05 36 00-2376 EA 24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	232.36	30.83
26 05 36 00-2377 EA 30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	276.10	36.98
26 05 36 00-2378 EA 36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover.....	314.19	39.75
<b>26 05 36 00-2379</b>	<b>24" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small></b>	
26 05 36 00-2380 EA 6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	243.50	17.39
26 05 36 00-2381 EA 9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	261.08	18.54
26 05 36 00-2382 EA 12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	281.16	19.94
26 05 36 00-2383 EA 18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	326.77	23.18
26 05 36 00-2384 EA 24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	402.03	34.77
26 05 36 00-2385 EA 30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	473.37	42.77
26 05 36 00-2386 EA 36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover.....	512.80	46.25
<b>26 05 36 00-2387</b>	<b>36" Radius Horizontal Crosses <small>(26 05 36 00-2266)</small></b>	
26 05 36 00-2388 EA 6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	375.02	18.54
26 05 36 00-2389 EA 9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	392.87	19.94
26 05 36 00-2390 EA 12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	422.29	21.44
26 05 36 00-2391 EA 18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	466.71	25.27
26 05 36 00-2392 EA 24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	591.41	39.75
26 05 36 00-2393 EA 30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	687.67	50.65
26 05 36 00-2394 EA 36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover.....	751.84	55.64
<b>26 05 36 00-2395</b>	<b>Reducers <small>(26 05 36 00-2266)</small></b>	
26 05 36 00-2396 EA 9" To 6" Reducer, Aluminum Cable Tray Covers.....	69.23	8.69
26 05 36 00-2397 EA 12" To 6" Reducer, Aluminum Cable Tray Covers.....	74.12	10.31
26 05 36 00-2398 EA 12" To 9" Reducer, Aluminum Cable Tray Covers.....	74.13	10.31
26 05 36 00-2399 EA 18" To 6" Reducer, Aluminum Cable Tray Covers.....	83.63	12.63
26 05 36 00-2400 EA 18" To 12" Reducer, Aluminum Cable Tray Covers.....	83.63	12.63
26 05 36 00-2401 EA 24" To 12" Reducer, Aluminum Cable Tray Covers.....	92.44	13.91
26 05 36 00-2402 EA 24" To 18" Reducer, Aluminum Cable Tray Covers.....	101.34	13.91
26 05 36 00-2403 EA 30" To 12" Reducer, Aluminum Cable Tray Covers.....	106.95	15.88
26 05 36 00-2404 EA 30" To 18" Reducer, Aluminum Cable Tray Covers.....	110.28	15.88
26 05 36 00-2405 EA 30" To 24" Reducer, Aluminum Cable Tray Covers.....	112.56	15.88
26 05 36 00-2406 EA 36" To 12" Reducer, Aluminum Cable Tray Covers.....	118.29	17.39
26 05 36 00-2407 EA 36" To 18" Reducer, Aluminum Cable Tray Covers.....	120.53	17.39
26 05 36 00-2408 EA 36" To 24" Reducer, Aluminum Cable Tray Covers.....	121.64	17.39
26 05 36 00-2409 EA 36" To 30" Reducer, Aluminum Cable Tray Covers.....	122.76	17.39
<b>26 05 36 00-2410</b>	<b>Galvanized Steel Dividers <small>(26 05 36 00-2121)</small></b>	
<b>26 05 36 00-2411</b>	<b>Straight Dividers <small>(26 05 36 00-2410)</small></b>	
26 05 36 00-2412 LF 3" Deep Galvanized Steel Divider Strip, Straight.....	10.95	2.79
26 05 36 00-2413 LF 4" Deep Galvanized Steel Divider Strip, Straight.....	12.92	3.02
26 05 36 00-2414 LF 6" Deep Galvanized Steel Divider Strip, Straight.....	16.01	3.48
<b>26 05 36 00-2415</b>	<b>3" Deep Vertical Dividers <small>(26 05 36 00-2410)</small></b>	
26 05 36 00-2416 EA Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	64.15	19.94
26 05 36 00-2417 EA Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	73.23	20.63
26 05 36 00-2418 EA Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	77.03	21.44
26 05 36 00-2419 EA Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	88.75	22.25
26 05 36 00-2420 EA Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	84.16	22.25
26 05 36 00-2421 EA Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	91.40	23.18
26 05 36 00-2422 EA Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	106.91	24.23
26 05 36 00-2423 EA Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray.....	132.88	25.27
26 05 36 00-2424 EA Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable.....	105.33	25.27
26 05 36 00-2425 EA Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray.....	117.63	26.54
26 05 36 00-2426 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray.....	132.46	27.81
26 05 36 00-2427 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray.....	168.18	29.33
<b>26 05 36 00-2428</b>	<b>4" Deep Vertical Dividers <small>(26 05 36 00-2410)</small></b>	
26 05 36 00-2429 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray.....	73.80	20.63
26 05 36 00-2430 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray.....	81.62	21.44
26 05 36 00-2431 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray.....	88.75	22.25
26 05 36 00-2432 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray.....	101.73	23.18
26 05 36 00-2433 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray.....	101.73	23.18
26 05 36 00-2434 EA Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray.....	119.54	24.23
26 05 36 00-2435 EA Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray.....	131.73	25.27

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 36 00-2436	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray .....	163.55	26.54
	26 05 36 00-2437	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray .....	113.80	24.23
	26 05 36 00-2438	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray .....	125.99	25.27
	26 05 36 00-2439	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray .....	149.77	26.54
	26 05 36 00-2440	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray .....	189.86	27.81
<b>26 05 36 00-2441</b>	<b>6" Deep Vertical Dividers (26 05 36 00-2410)</b>				
	26 05 36 00-2442	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray .....	81.64	23.18
	26 05 36 00-2443	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray .....	88.54	24.23
	26 05 36 00-2444	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray .....	97.29	25.27
	26 05 36 00-2445	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray .....	113.04	26.54
	26 05 36 00-2446	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray .....	103.47	24.23
	26 05 36 00-2447	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray .....	121.40	25.27
	26 05 36 00-2448	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray .....	134.85	26.54
	26 05 36 00-2449	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray .....	165.75	27.81
	26 05 36 00-2450	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray .....	115.66	25.27
	26 05 36 00-2451	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray .....	134.85	26.54
	26 05 36 00-2452	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray .....	165.75	27.81
	26 05 36 00-2453	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray .....	202.62	29.33
<b>26 05 36 00-2454</b>	<b>Horizontal Dividers (26 05 36 00-2410)</b>				
	26 05 36 00-2455	EA	3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	72.24	16.81
	26 05 36 00-2456	EA	4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	80.31	18.54
	26 05 36 00-2457	EA	6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray .....	97.45	20.63
<b>26 05 36 00-2458</b>	<b>Aluminum Dividers (26 05 36 00-2121)</b>				
<b>26 05 36 00-2459</b>	<b>Straight Dividers (26 05 36 00-2458)</b>				
	26 05 36 00-2460	LF	3" Deep Aluminum Divider Strip, Straight .....	10.54	2.67
	26 05 36 00-2461	LF	4" Deep Aluminum Divider Strip, Straight .....	12.47	2.90
	26 05 36 00-2462	LF	6" Deep Aluminum Divider Strip, Straight .....	15.39	3.25
<b>26 05 36 00-2463</b>	<b>3" Deep Vertical Dividers (26 05 36 00-2458)</b>				
	26 05 36 00-2464	EA	Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	56.47	19.24
	26 05 36 00-2465	EA	Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	62.02	19.94
	26 05 36 00-2466	EA	Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	68.09	20.63
	26 05 36 00-2467	EA	Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	78.46	21.44
	26 05 36 00-2468	EA	Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	76.33	21.44
	26 05 36 00-2469	EA	Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	84.13	22.25
	26 05 36 00-2470	EA	Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	97.39	23.18
	26 05 36 00-2471	EA	Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	120.51	24.23
	26 05 36 00-2472	EA	Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	102.34	24.23
	26 05 36 00-2473	EA	Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	122.37	25.27
	26 05 36 00-2474	EA	Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	147.86	26.54
	26 05 36 00-2475	EA	Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	182.13	27.81
<b>26 05 36 00-2476</b>	<b>4" Deep Vertical Dividers (26 05 36 00-2458)</b>				
	26 05 36 00-2477	EA	Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	67.68	19.94
	26 05 36 00-2478	EA	Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	74.40	20.63
	26 05 36 00-2479	EA	Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	81.67	21.44
	26 05 36 00-2480	EA	Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	91.61	22.25
	26 05 36 00-2481	EA	Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	90.54	22.25
	26 05 36 00-2482	EA	Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	104.87	23.18
	26 05 36 00-2483	EA	Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	118.37	24.23
	26 05 36 00-2484	EA	Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	149.10	25.27
	26 05 36 00-2485	EA	Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	121.98	23.18
	26 05 36 00-2486	EA	Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	147.24	24.23
	26 05 36 00-2487	EA	Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	172.62	25.27
	26 05 36 00-2488	EA	Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	208.80	26.54
<b>26 05 36 00-2489</b>	<b>6" Deep Vertical Dividers (26 05 36 00-2458)</b>				
	26 05 36 00-2490	EA	Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	74.94	22.25
	26 05 36 00-2491	EA	Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	83.49	23.18
	26 05 36 00-2492	EA	Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray.....	87.37	24.23
	26 05 36 00-2493	EA	Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray.....	97.78	25.27
	26 05 36 00-2494	EA	Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray.....	94.18	23.18
	26 05 36 00-2495	EA	Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray.....	116.24	24.23
	26 05 36 00-2496	EA	Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray.....	125.58	25.27
	26 05 36 00-2497	EA	Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray.....	157.48	26.54
	26 05 36 00-2498	EA	Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray.....	124.79	24.23
	26 05 36 00-2499	EA	Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray.....	155.51	25.27
	26 05 36 00-2500	EA	Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray.....	177.80	26.54
	26 05 36 00-2501	EA	Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray.....	206.72	27.81



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 36 00-2502</b> <b>Horizontal Dividers</b> <small>(26 05 36 00-2458)</small>		
26 05 36 00-2503    EA    3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	65.45	15.88
26 05 36 00-2504    EA    4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	71.74	17.39
26 05 36 00-2505    EA    6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray .....	88.65	19.24
<b>26 05 36 00-2506</b> <b>Cable Tray Wall Brackets</b> <small>(26 05 36 00-0001)</small>		
<b>26 05 36 00-2507</b> <b>Wall Brackets</b> <small>(26 05 36 00-2506)</small>		
26 05 36 00-2508    EA    6" Wide Cable Tray Wall Bracket.....	88.59	23.18
26 05 36 00-2509    EA    9" Wide Cable Tray Wall Bracket.....	91.75	24.23
26 05 36 00-2510    EA    12" Wide Cable Tray Wall Bracket.....	100.76	25.27
26 05 36 00-2511    EA    18" Wide Cable Tray Wall Bracket.....	107.01	26.54
26 05 36 00-2512    EA    24" Wide Cable Tray Wall Bracket.....	116.35	27.81
26 05 36 00-2513    EA    30" Wide Cable Tray Wall Bracket.....	138.78	29.33
26 05 36 00-2514    EA    36" Wide Cable Tray Wall Bracket.....	166.43	31.29
<b>26 05 36 00-2515</b> <b>Fiberglass Cable Tray</b> <small>(26 05 36 00-0001)</small>		
<b>26 05 36 00-2516</b> <b>Ladder Bottom Fiberglass Cable Tray</b> <small>(26 05 36 00-2515)</small>		
Note: Excludes hangers and support system.		
<b>26 05 36 00-2517</b> <b>Straight Tray Sections</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2518    LF    6" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	13.03	3.13
For 9" Rung Spacing, Add	0.29	
For 6" Rung Spacing, Add	1.26	
For 4" Rung Spacing, Add	2.31	
For 18" Rung Spacing, Deduct	-0.21	
For Solid Bottom, Add	3.21	
For Vented Trough Bottom, Add	3.94	
26 05 36 00-2519    LF    9" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	14.47	3.83
For 9" Rung Spacing, Add	0.30	
For 6" Rung Spacing, Add	1.30	
For 4" Rung Spacing, Add	2.39	
For 18" Rung Spacing, Deduct	-0.22	
For Solid Bottom, Add	3.47	
For Vented Trough Bottom, Add	4.20	
26 05 36 00-2520    LF    12" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	15.88	4.64
For 9" Rung Spacing, Add	0.31	
For 6" Rung Spacing, Add	1.34	
For 4" Rung Spacing, Add	2.45	
For 18" Rung Spacing, Deduct	-0.22	
For Solid Bottom, Add	3.72	
For Vented Trough Bottom, Add	4.44	
26 05 36 00-2521    LF    18" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	18.86	6.14
For 9" Rung Spacing, Add	0.34	
For 6" Rung Spacing, Add	1.44	
For 4" Rung Spacing, Add	2.64	
For 18" Rung Spacing, Deduct	-0.24	
For Solid Bottom, Add	4.27	
For Vented Trough Bottom, Add	4.99	
26 05 36 00-2522    LF    24" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	21.83	7.77
For 9" Rung Spacing, Add	0.36	
For 6" Rung Spacing, Add	1.54	
For 4" Rung Spacing, Add	2.82	
For 18" Rung Spacing, Deduct	-0.26	
For Solid Bottom, Add	4.81	
For Vented Trough Bottom, Add	5.54	
26 05 36 00-2523    LF    30" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	23.86	8.46
For 9" Rung Spacing, Add	0.39	
For 6" Rung Spacing, Add	1.67	
For 4" Rung Spacing, Add	3.06	
For 18" Rung Spacing, Deduct	-0.28	
For Solid Bottom, Add	5.25	
For Vented Trough Bottom, Add	6.04	
26 05 36 00-2524    LF    36" Fiberglass Cable Tray - Straight Section, 12" Rung Spacing .....	25.93	9.27
For 9" Rung Spacing, Add	0.42	
For 6" Rung Spacing, Add	1.80	
For 4" Rung Spacing, Add	3.31	
For 18" Rung Spacing, Deduct	-0.30	
For Solid Bottom, Add	5.69	
For Vented Trough Bottom, Add	6.55	
<b>26 05 36 00-2525</b> <b>90 Degree Horizontal Elbows</b> <small>(26 05 36 00-2516)</small>		



**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2526	EA		6" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	68.77	23.18
			<i>For 9" Rung Spacing, Add</i>	1.19	
			<i>For 6" Rung Spacing, Add</i>	5.10	
			<i>For 4" Rung Spacing, Add</i>	9.35	
			<i>For 18" Rung Spacing, Deduct</i>	-0.85	
			<i>For Solid Bottom, Add</i>	15.42	
			<i>For Vented Trough Bottom, Add</i>	17.95	
			<i>For 60 Degree Bend, Deduct</i>	-14.70	
			<i>For 45 Degree Bend, Deduct</i>	-20.18	
			<i>For 30 Degree Bend, Deduct</i>	-25.65	
26 05 36 00-2527	EA		9" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	76.51	27.00
			<i>For 9" Rung Spacing, Add</i>	1.26	
			<i>For 6" Rung Spacing, Add</i>	5.39	
			<i>For 4" Rung Spacing, Add</i>	9.89	
			<i>For 18" Rung Spacing, Deduct</i>	-0.90	
			<i>For Solid Bottom, Add</i>	16.87	
			<i>For Vented Trough Bottom, Add</i>	19.45	
			<i>For 60 Degree Bend, Deduct</i>	-15.92	
			<i>For 45 Degree Bend, Deduct</i>	-21.90	
			<i>For 30 Degree Bend, Deduct</i>	-27.88	
26 05 36 00-2528	EA		12" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	88.89	33.96
			<i>For 9" Rung Spacing, Add</i>	1.33	
			<i>For 6" Rung Spacing, Add</i>	5.68	
			<i>For 4" Rung Spacing, Add</i>	10.42	
			<i>For 18" Rung Spacing, Deduct</i>	-0.95	
			<i>For Solid Bottom, Add</i>	19.02	
			<i>For Vented Trough Bottom, Add</i>	21.53	
			<i>For 60 Degree Bend, Deduct</i>	-17.60	
			<i>For 45 Degree Bend, Deduct</i>	-24.32	
			<i>For 30 Degree Bend, Deduct</i>	-31.04	
26 05 36 00-2529	EA		18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	104.95	41.03
			<i>For 9" Rung Spacing, Add</i>	1.52	
			<i>For 6" Rung Spacing, Add</i>	6.53	
			<i>For 4" Rung Spacing, Add</i>	11.97	
			<i>For 18" Rung Spacing, Deduct</i>	-1.09	
			<i>For Solid Bottom, Add</i>	22.27	
			<i>For Vented Trough Bottom, Add</i>	25.09	
			<i>For 60 Degree Bend, Deduct</i>	-20.50	
			<i>For 45 Degree Bend, Deduct</i>	-28.36	
			<i>For 30 Degree Bend, Deduct</i>	-36.22	
26 05 36 00-2530	EA		24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	118.56	47.17
			<i>For 9" Rung Spacing, Add</i>	1.68	
			<i>For 6" Rung Spacing, Add</i>	7.18	
			<i>For 4" Rung Spacing, Add</i>	13.16	
			<i>For 18" Rung Spacing, Deduct</i>	-1.20	
			<i>For Solid Bottom, Add</i>	24.96	
			<i>For Vented Trough Bottom, Add</i>	27.98	
			<i>For 60 Degree Bend, Deduct</i>	-22.86	
			<i>For 45 Degree Bend, Deduct</i>	-31.66	
			<i>For 30 Degree Bend, Deduct</i>	-40.46	
26 05 36 00-2531	EA		30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	130.33	50.31
			<i>For 9" Rung Spacing, Add</i>	1.93	
			<i>For 6" Rung Spacing, Add</i>	8.25	
			<i>For 4" Rung Spacing, Add</i>	15.13	
			<i>For 18" Rung Spacing, Deduct</i>	-1.38	
			<i>For Solid Bottom, Add</i>	27.80	
			<i>For Vented Trough Bottom, Add</i>	31.42	
			<i>For 60 Degree Bend, Deduct</i>	-25.68	
			<i>For 45 Degree Bend, Deduct</i>	-35.50	
			<i>For 30 Degree Bend, Deduct</i>	-45.32	
26 05 36 00-2532	EA		36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray .....	144.31	54.13
			<i>For 9" Rung Spacing, Add</i>	2.21	
			<i>For 6" Rung Spacing, Add</i>	9.48	
			<i>For 4" Rung Spacing, Add</i>	17.37	
			<i>For 18" Rung Spacing, Deduct</i>	-1.58	
			<i>For Solid Bottom, Add</i>	31.12	
			<i>For Vented Trough Bottom, Add</i>	35.41	
			<i>For 60 Degree Bend, Deduct</i>	-28.96	
			<i>For 45 Degree Bend, Deduct</i>	-39.97	
			<i>For 30 Degree Bend, Deduct</i>	-50.97	
26 05 36 00-2533			<b>Inside Or Outside Vertical Risers</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2534	EA		6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	104.28	23.18
			<i>For 9" Rung Spacing, Add</i>	2.43	
			<i>For 6" Rung Spacing, Add</i>	10.43	
			<i>For 4" Rung Spacing, Add</i>	19.12	
			<i>For 18" Rung Spacing, Deduct</i>	-1.74	
			<i>For Solid Bottom, Add</i>	26.07	
			<i>For Vented Trough Bottom, Add</i>	32.15	
			<i>For 60 Degree Bend, Deduct</i>	-26.42	
			<i>For 45 Degree Bend, Deduct</i>	-35.80	
			<i>For 30 Degree Bend, Deduct</i>	-45.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2535 EA 9" Vertical Inside Or Outside Riser 90, Fiberglass .....	111.05	27.00
<i>For 9" Rung Spacing, Add</i>	2.47	
<i>For 6" Rung Spacing, Add</i>	10.57	
<i>For 4" Rung Spacing, Add</i>	19.38	
<i>For 18" Rung Spacing, Deduct</i>	-1.76	
<i>For Solid Bottom, Add</i>	27.23	
<i>For Vented Trough Bottom, Add</i>	33.27	
<i>For 60 Degree Bend, Deduct</i>	-27.32	
<i>For 45 Degree Bend, Deduct</i>	-37.10	
<i>For 30 Degree Bend, Deduct</i>	-46.88	
26 05 36 00-2536 EA 12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	122.46	33.96
<i>For 9" Rung Spacing, Add</i>	2.50	
<i>For 6" Rung Spacing, Add</i>	10.72	
<i>For 4" Rung Spacing, Add</i>	19.65	
<i>For 18" Rung Spacing, Deduct</i>	-1.79	
<i>For Solid Bottom, Add</i>	29.09	
<i>For Vented Trough Bottom, Add</i>	34.96	
<i>For 60 Degree Bend, Deduct</i>	-28.68	
<i>For 45 Degree Bend, Deduct</i>	-39.09	
<i>For 30 Degree Bend, Deduct</i>	-49.50	
26 05 36 00-2537 EA 18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	135.05	41.03
<i>For 9" Rung Spacing, Add</i>	2.58	
<i>For 6" Rung Spacing, Add</i>	11.04	
<i>For 4" Rung Spacing, Add</i>	20.25	
<i>For 18" Rung Spacing, Deduct</i>	-1.84	
<i>For Solid Bottom, Add</i>	31.30	
<i>For Vented Trough Bottom, Add</i>	37.13	
<i>For 60 Degree Bend, Deduct</i>	-30.44	
<i>For 45 Degree Bend, Deduct</i>	-41.61	
<i>For 30 Degree Bend, Deduct</i>	-52.78	
26 05 36 00-2538 EA 24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	146.27	47.17
<i>For 9" Rung Spacing, Add</i>	2.64	
<i>For 6" Rung Spacing, Add</i>	11.34	
<i>For 4" Rung Spacing, Add</i>	20.78	
<i>For 18" Rung Spacing, Deduct</i>	-1.89	
<i>For Solid Bottom, Add</i>	33.28	
<i>For Vented Trough Bottom, Add</i>	39.07	
<i>For 60 Degree Bend, Deduct</i>	-32.01	
<i>For 45 Degree Bend, Deduct</i>	-43.86	
<i>For 30 Degree Bend, Deduct</i>	-55.70	
26 05 36 00-2539 EA 30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	152.85	50.31
<i>For 9" Rung Spacing, Add</i>	2.71	
<i>For 6" Rung Spacing, Add</i>	11.63	
<i>For 4" Rung Spacing, Add</i>	21.32	
<i>For 18" Rung Spacing, Deduct</i>	-1.94	
<i>For Solid Bottom, Add</i>	34.56	
<i>For Vented Trough Bottom, Add</i>	40.42	
<i>For 60 Degree Bend, Deduct</i>	-33.11	
<i>For 45 Degree Bend, Deduct</i>	-45.41	
<i>For 30 Degree Bend, Deduct</i>	-57.70	
26 05 36 00-2540 EA 36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray .....	166.78	54.13
<i>For 9" Rung Spacing, Add</i>	3.00	
<i>For 6" Rung Spacing, Add</i>	12.85	
<i>For 4" Rung Spacing, Add</i>	23.55	
<i>For 18" Rung Spacing, Deduct</i>	-2.14	
<i>For Solid Bottom, Add</i>	37.86	
<i>For Vented Trough Bottom, Add</i>	44.40	
<i>For 60 Degree Bend, Deduct</i>	-36.38	
<i>For 45 Degree Bend, Deduct</i>	-49.85	
<i>For 30 Degree Bend, Deduct</i>	-63.33	
<b>26 05 36 00-2541 Horizontal Tees</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2542 EA 6" Horizontal Tee, Fiberglass Cable Tray .....	146.91	57.95
<i>For 9" Rung Spacing, Add</i>	2.10	
<i>For 6" Rung Spacing, Add</i>	9.00	
<i>For 4" Rung Spacing, Add</i>	16.49	
<i>For 18" Rung Spacing, Deduct</i>	-1.50	
<i>For Solid Bottom, Add</i>	31.03	
<i>For Vented Trough Bottom, Add</i>	34.86	
26 05 36 00-2543 EA 9" Horizontal Tee, Fiberglass Cable Tray .....	164.36	68.04
<i>For 9" Rung Spacing, Add</i>	2.18	
<i>For 6" Rung Spacing, Add</i>	9.35	
<i>For 4" Rung Spacing, Add</i>	17.15	
<i>For 18" Rung Spacing, Deduct</i>	-1.56	
<i>For Solid Bottom, Add</i>	34.01	
<i>For Vented Trough Bottom, Add</i>	37.69	
26 05 36 00-2544 EA 12" Horizontal Tee, Fiberglass Cable Tray .....	186.44	81.13
<i>For 9" Rung Spacing, Add</i>	2.27	
<i>For 6" Rung Spacing, Add</i>	9.71	
<i>For 4" Rung Spacing, Add</i>	17.80	
<i>For 18" Rung Spacing, Deduct</i>	-1.62	
<i>For Solid Bottom, Add</i>	37.68	
<i>For Vented Trough Bottom, Add</i>	41.11	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2545	EA		18" Horizontal Tee, Fiberglass Cable Tray .....	208.01	91.22
			<i>For 9" Rung Spacing, Add</i>	2.49	
			<i>For 6" Rung Spacing, Add</i>	10.69	
			<i>For 4" Rung Spacing, Add</i>	19.59	
			<i>For 18" Rung Spacing, Deduct</i>	-1.78	
			<i>For Solid Bottom, Add</i>	41.89	
			<i>For Vented Trough Bottom, Add</i>	45.59	
26 05 36 00-2546	EA		24" Horizontal Tee, Fiberglass Cable Tray .....	219.00	95.04
			<i>For 9" Rung Spacing, Add</i>	2.68	
			<i>For 6" Rung Spacing, Add</i>	11.47	
			<i>For 4" Rung Spacing, Add</i>	21.02	
			<i>For 18" Rung Spacing, Deduct</i>	-1.91	
			<i>For Solid Bottom, Add</i>	44.32	
			<i>For Vented Trough Bottom, Add</i>	48.40	
26 05 36 00-2547	EA		30" Horizontal Tee, Fiberglass Cable Tray .....	235.12	100.49
			<i>For 9" Rung Spacing, Add</i>	2.96	
			<i>For 6" Rung Spacing, Add</i>	12.67	
			<i>For 4" Rung Spacing, Add</i>	23.22	
			<i>For 18" Rung Spacing, Deduct</i>	-2.11	
			<i>For Solid Bottom, Add</i>	47.94	
			<i>For Vented Trough Bottom, Add</i>	52.61	
26 05 36 00-2548	EA		36" Horizontal Tee, Fiberglass Cable Tray .....	255.56	108.25
			<i>For 9" Rung Spacing, Add</i>	3.27	
			<i>For 6" Rung Spacing, Add</i>	13.99	
			<i>For 4" Rung Spacing, Add</i>	25.65	
			<i>For 18" Rung Spacing, Deduct</i>	-2.33	
			<i>For Solid Bottom, Add</i>	52.33	
			<i>For Vented Trough Bottom, Add</i>	57.60	
26 05 36 00-2549			<b>Horizontal Crosses</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2550	EA		6" Horizontal Cross, Fiberglass Cable Tray .....	227.54	100.49
			<i>For 9" Rung Spacing, Add</i>	2.69	
			<i>For 6" Rung Spacing, Add</i>	11.53	
			<i>For 4" Rung Spacing, Add</i>	21.14	
			<i>For 18" Rung Spacing, Deduct</i>	-1.92	
			<i>For Solid Bottom, Add</i>	45.66	
			<i>For Vented Trough Bottom, Add</i>	49.58	
26 05 36 00-2551	EA		9" Horizontal Cross, Fiberglass Cable Tray .....	241.41	108.25
			<i>For 9" Rung Spacing, Add</i>	2.77	
			<i>For 6" Rung Spacing, Add</i>	11.87	
			<i>For 4" Rung Spacing, Add</i>	21.77	
			<i>For 18" Rung Spacing, Deduct</i>	-1.98	
			<i>For Solid Bottom, Add</i>	48.08	
			<i>For Vented Trough Bottom, Add</i>	51.94	
26 05 36 00-2552	EA		12" Horizontal Cross, Fiberglass Cable Tray .....	255.28	116.02
			<i>For 9" Rung Spacing, Add</i>	2.85	
			<i>For 6" Rung Spacing, Add</i>	12.21	
			<i>For 4" Rung Spacing, Add</i>	22.39	
			<i>For 18" Rung Spacing, Deduct</i>	-2.04	
			<i>For Solid Bottom, Add</i>	50.51	
			<i>For Vented Trough Bottom, Add</i>	54.30	
26 05 36 00-2553	EA		18" Horizontal Cross, Fiberglass Cable Tray .....	273.36	123.67
			<i>For 9" Rung Spacing, Add</i>	3.08	
			<i>For 6" Rung Spacing, Add</i>	13.19	
			<i>For 4" Rung Spacing, Add</i>	24.18	
			<i>For 18" Rung Spacing, Deduct</i>	-2.20	
			<i>For Solid Bottom, Add</i>	54.19	
			<i>For Vented Trough Bottom, Add</i>	58.35	
26 05 36 00-2554	EA		24" Horizontal Cross, Fiberglass Cable Tray .....	289.93	131.43
			<i>For 9" Rung Spacing, Add</i>	3.25	
			<i>For 6" Rung Spacing, Add</i>	13.93	
			<i>For 4" Rung Spacing, Add</i>	25.54	
			<i>For 18" Rung Spacing, Deduct</i>	-2.32	
			<i>For Solid Bottom, Add</i>	57.42	
			<i>For Vented Trough Bottom, Add</i>	61.79	
26 05 36 00-2555	EA		30" Horizontal Cross, Fiberglass Cable Tray .....	309.74	139.20
			<i>For 9" Rung Spacing, Add</i>	3.54	
			<i>For 6" Rung Spacing, Add</i>	15.17	
			<i>For 4" Rung Spacing, Add</i>	27.81	
			<i>For 18" Rung Spacing, Deduct</i>	-2.53	
			<i>For Solid Bottom, Add</i>	61.63	
			<i>For Vented Trough Bottom, Add</i>	66.53	
26 05 36 00-2556	EA		36" Horizontal Cross, Fiberglass Cable Tray .....	335.42	149.16
			<i>For 9" Rung Spacing, Add</i>	3.91	
			<i>For 6" Rung Spacing, Add</i>	16.76	
			<i>For 4" Rung Spacing, Add</i>	30.72	
			<i>For 18" Rung Spacing, Deduct</i>	-2.79	
			<i>For Solid Bottom, Add</i>	67.07	
			<i>For Vented Trough Bottom, Add</i>	72.65	
26 05 36 00-2557			<b>Horizontal Wyes</b> <small>(26 05 36 00-2516)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2558 EA 6" Horizontal Wye, Fiberglass Cable Tray .....	140.84	57.95
For 9" Rung Spacing, Add	1.89	
For 6" Rung Spacing, Add	8.09	
For 4" Rung Spacing, Add	14.83	
For 18" Rung Spacing, Deduct	-1.35	
For Solid Bottom, Add	29.21	
For Vented Trough Bottom, Add	32.43	
26 05 36 00-2559 EA 9" Horizontal Wye, Fiberglass Cable Tray .....	148.82	61.89
For 9" Rung Spacing, Add	1.96	
For 6" Rung Spacing, Add	8.42	
For 4" Rung Spacing, Add	15.43	
For 18" Rung Spacing, Deduct	-1.40	
For Solid Bottom, Add	30.74	
For Vented Trough Bottom, Add	34.03	
26 05 36 00-2560 EA 12" Horizontal Wye, Fiberglass Cable Tray .....	179.95	81.13
For 9" Rung Spacing, Add	2.04	
For 6" Rung Spacing, Add	8.74	
For 4" Rung Spacing, Add	16.02	
For 18" Rung Spacing, Deduct	-1.46	
For Solid Bottom, Add	35.73	
For Vented Trough Bottom, Add	38.51	
26 05 36 00-2561 EA 18" Horizontal Wye, Fiberglass Cable Tray .....	200.87	91.22
For 9" Rung Spacing, Add	2.24	
For 6" Rung Spacing, Add	9.62	
For 4" Rung Spacing, Add	17.63	
For 18" Rung Spacing, Deduct	-1.60	
For Solid Bottom, Add	39.75	
For Vented Trough Bottom, Add	42.74	
26 05 36 00-2562 EA 24" Horizontal Wye, Fiberglass Cable Tray .....	211.20	95.04
For 9" Rung Spacing, Add	2.40	
For 6" Rung Spacing, Add	10.30	
For 4" Rung Spacing, Add	18.88	
For 18" Rung Spacing, Deduct	-1.72	
For Solid Bottom, Add	41.98	
For Vented Trough Bottom, Add	45.28	
26 05 36 00-2563 EA 30" Horizontal Wye, Fiberglass Cable Tray .....	226.67	100.49
For 9" Rung Spacing, Add	2.66	
For 6" Rung Spacing, Add	11.40	
For 4" Rung Spacing, Add	20.90	
For 18" Rung Spacing, Deduct	-1.90	
For Solid Bottom, Add	45.40	
For Vented Trough Bottom, Add	49.23	
26 05 36 00-2564 EA 36" Horizontal Wye, Fiberglass Cable Tray .....	246.24	108.25
For 9" Rung Spacing, Add	2.94	
For 6" Rung Spacing, Add	12.60	
For 4" Rung Spacing, Add	23.09	
For 18" Rung Spacing, Deduct	-2.10	
For Solid Bottom, Add	49.53	
For Vented Trough Bottom, Add	53.87	
<b>26 05 36 00-2565 Straight Reducers</b> <small>(26 05 36 00-2516)</small>		
26 05 36 00-2566 EA 9" To 6" Reducer, Fiberglass Cable Tray .....	65.30	23.18
For 9" Rung Spacing, Add	1.07	
For 6" Rung Spacing, Add	4.58	
For 4" Rung Spacing, Add	8.40	
For 18" Rung Spacing, Deduct	-0.76	
For Solid Bottom, Add	14.37	
For Vented Trough Bottom, Add	16.56	
26 05 36 00-2567 EA 12" To 9" Reducer, Fiberglass Cable Tray .....	71.54	27.00
For 9" Rung Spacing, Add	1.08	
For 6" Rung Spacing, Add	4.65	
For 4" Rung Spacing, Add	8.52	
For 18" Rung Spacing, Deduct	-0.77	
For Solid Bottom, Add	15.38	
For Vented Trough Bottom, Add	17.46	
26 05 36 00-2568 EA 18" To 12" Reducer, Fiberglass Cable Tray .....	77.76	30.94
For 9" Rung Spacing, Add	1.10	
For 6" Rung Spacing, Add	4.71	
For 4" Rung Spacing, Add	8.64	
For 18" Rung Spacing, Deduct	-0.79	
For Solid Bottom, Add	16.37	
For Vented Trough Bottom, Add	18.36	
26 05 36 00-2569 EA 24" To 18" Reducer, Fiberglass Cable Tray .....	83.48	33.96
For 9" Rung Spacing, Add	1.14	
For 6" Rung Spacing, Add	4.87	
For 4" Rung Spacing, Add	8.93	
For 18" Rung Spacing, Deduct	-0.81	
For Solid Bottom, Add	17.39	
For Vented Trough Bottom, Add	19.37	

**26 Electrical****26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2570	EA		30" To 24" Reducer, Fiberglass Cable Tray.....	93.53	37.09
			For 9" Rung Spacing, Add	1.33	
			For 6" Rung Spacing, Add	5.69	
			For 4" Rung Spacing, Add	10.42	
			For 18" Rung Spacing, Deduct	-0.95	
			For Solid Bottom, Add	19.71	
			For Vented Trough Bottom, Add	22.11	
26 05 36 00-2571	EA		36" To 30" Reducer, Fiberglass Cable Tray.....	105.45	41.03
			For 9" Rung Spacing, Add	1.54	
			For 6" Rung Spacing, Add	6.60	
			For 4" Rung Spacing, Add	12.11	
			For 18" Rung Spacing, Deduct	-1.10	
			For Solid Bottom, Add	22.42	
			For Vented Trough Bottom, Add	25.29	
<b>26 05 36 00-2572</b>			<b>Vertical Tees</b> (26 05 36 00-2516)		
26 05 36 00-2573	EA		6" Vertical Tee, Fiberglass Cable Tray .....	201.47	57.95
			For 9" Rung Spacing, Add	4.01	
			For 6" Rung Spacing, Add	17.18	
			For 4" Rung Spacing, Add	31.50	
			For 18" Rung Spacing, Deduct	-2.86	
			For Solid Bottom, Add	47.40	
			For Vented Trough Bottom, Add	56.69	
26 05 36 00-2574	EA		9" Vertical Tee, Fiberglass Cable Tray .....	208.68	61.89
			For 9" Rung Spacing, Add	4.06	
			For 6" Rung Spacing, Add	17.40	
			For 4" Rung Spacing, Add	31.89	
			For 18" Rung Spacing, Deduct	-2.90	
			For Solid Bottom, Add	48.70	
			For Vented Trough Bottom, Add	57.98	
26 05 36 00-2575	EA		12" Vertical Tee, Fiberglass Cable Tray .....	239.06	81.13
			For 9" Rung Spacing, Add	4.11	
			For 6" Rung Spacing, Add	17.60	
			For 4" Rung Spacing, Add	32.27	
			For 18" Rung Spacing, Deduct	-2.93	
			For Solid Bottom, Add	53.46	
			For Vented Trough Bottom, Add	62.16	
26 05 36 00-2576	EA		18" Vertical Tee, Fiberglass Cable Tray .....	257.38	91.22
			For 9" Rung Spacing, Add	4.22	
			For 6" Rung Spacing, Add	18.09	
			For 4" Rung Spacing, Add	33.17	
			For 18" Rung Spacing, Deduct	-3.02	
			For Solid Bottom, Add	56.70	
			For Vented Trough Bottom, Add	65.34	
26 05 36 00-2577	EA		24" Vertical Tee, Fiberglass Cable Tray .....	266.20	95.04
			For 9" Rung Spacing, Add	4.33	
			For 6" Rung Spacing, Add	18.55	
			For 4" Rung Spacing, Add	34.00	
			For 18" Rung Spacing, Deduct	-3.09	
			For Solid Bottom, Add	58.48	
			For Vented Trough Bottom, Add	67.28	
26 05 36 00-2578	EA		30" Vertical Tee, Fiberglass Cable Tray .....	277.13	100.49
			For 9" Rung Spacing, Add	4.43	
			For 6" Rung Spacing, Add	18.97	
			For 4" Rung Spacing, Add	34.78	
			For 18" Rung Spacing, Deduct	-3.16	
			For Solid Bottom, Add	60.54	
			For Vented Trough Bottom, Add	69.42	
26 05 36 00-2579	EA		36" Vertical Tee, Fiberglass Cable Tray .....	301.98	108.25
			For 9" Rung Spacing, Add	4.89	
			For 6" Rung Spacing, Add	20.96	
			For 4" Rung Spacing, Add	38.42	
			For 18" Rung Spacing, Deduct	-3.49	
			For Solid Bottom, Add	66.25	
			For Vented Trough Bottom, Add	76.17	

**26 05 39 Underfloor Raceways for Electrical Systems** (26 05)

26 05 39 00-0001			Underfloor Ducts (26 05 39)		
26 05 39 00-0002			Straight Duct Sections 10' Long, 14 Gauge Steel (26 05 39 00-0001)		
26 05 39 00-0003			Standard Ducts, 3.8 Square Inches (26 05 39 00-0002)		
26 05 39 00-0004	EA		Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches .....	105.57	20.40
26 05 39 00-0005	EA		Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches .....	133.38	23.88
26 05 39 00-0006			Large Capacity Ducts, 8.9 Square Inches (26 05 39 00-0002)		
26 05 39 00-0007	EA		Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches .....	177.95	25.85
26 05 39 00-0008	EA		Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches .....	204.08	28.63





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 05 39 00-0009</b> <b>Junction Boxes</b> <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0010</b> <b>One Level Junction Boxes</b> <small>(26 05 39 00-0009)</small>		
26 05 39 00-0011 EA    1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box.....	270.96	40.56
26 05 39 00-0012 EA    1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box .....	307.38	43.46
26 05 39 00-0013 EA    1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box .....	501.83	40.56
<small>Note: Isolate each duct and form a continuous raceway through the box in both directions.</small>		
26 05 39 00-0014 EA    1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box .....	337.50	43.46
26 05 39 00-0015 EA    1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box .....	538.64	57.14
26 05 39 00-0016 EA    1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct .....	760.35	62.12
<b>26 05 39 00-0017</b> <b>Two Level Junction Boxes</b> <small>(26 05 39 00-0009)</small>		
26 05 39 00-0018 EA    2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level.....	1,171.94	41.03
<small>Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.</small>		
26 05 39 00-0019 EA    2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts.....	1,349.34	43.46
<b>26 05 39 00-0020</b> <b>Elbow Fittings</b> <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0021</b> <b>90 Degree Horizontal Elbow</b> <small>(26 05 39 00-0020)</small>		
26 05 39 00-0022 EA    Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree .....	133.57	14.95
26 05 39 00-0023 EA    Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree .....	137.71	14.95
<b>26 05 39 00-0024</b> <b>90 Degree Vertical Elbow</b> <small>(26 05 39 00-0020)</small>		
26 05 39 00-0025 EA    Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree .....	73.34	14.95
26 05 39 00-0026 EA    Underfloor Large Duct Vertical Elbow Fitting, 90 Degree .....	75.00	14.95
<b>26 05 39 00-0027</b> <b>Offset Elbow</b> <small>(26 05 39 00-0020)</small>		
<small>Note: Two elbows required for crossover or crossunder.</small>		
26 05 39 00-0028 EA    Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	73.34	17.39
26 05 39 00-0029 EA    Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under .....	75.00	17.39
<b>26 05 39 00-0030</b> <b>Couplings</b> <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0031</b> <b>Sleeve Couplings</b> <small>(26 05 39 00-0030)</small>		
26 05 39 00-0032 EA    Underfloor Standard Duct Sleeve Coupling .....	45.81	23.18
26 05 39 00-0033 EA    Underfloor Large Duct Sleeve Coupling .....	70.82	23.18
<b>26 05 39 00-0034</b> <b>Expansion Couplings</b> <small>(26 05 39 00-0030)</small>		
26 05 39 00-0035 EA    Underfloor Standard Duct Expansion Coupling .....	104.46	23.18
26 05 39 00-0036 EA    Underfloor Large Duct Expansion Coupling.....	106.53	24.46
<b>26 05 39 00-0037</b> <b>Reducing Couplings</b> <small>(26 05 39 00-0030)</small>		
26 05 39 00-0038 EA    Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling .....	105.80	3.48
<b>26 05 39 00-0039</b> <b>Duct Supports</b> <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0040</b> <b>Combination Support And Coupling</b> <small>(26 05 39 00-0039)</small>		
<small>Note: Includes leveling legs and anchoring feet.</small>		
26 05 39 00-0041 EA    1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet .....	104.81	48.68
26 05 39 00-0042 EA    2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet .....	116.66	48.68
26 05 39 00-0043 EA    3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet .....	128.60	48.68
26 05 39 00-0044 EA    1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet .....	116.66	54.48
26 05 39 00-0045 EA    2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet .....	140.81	54.48
26 05 39 00-0046 EA    1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet .....	128.60	57.95
26 05 39 00-0047 EA    2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet .....	128.60	57.95
26 05 39 00-0048 EA    1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet .....	140.81	57.95
<b>26 05 39 00-0049</b> <b>Duct Support Only</b> <small>(26 05 39 00-0039)</small>		
<small>Note: Includes leveling legs and anchoring feet.</small>		
26 05 39 00-0050 EA    1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet .....	94.80	42.89
26 05 39 00-0051 EA    2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	111.60	42.89
26 05 39 00-0052 EA    3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	129.76	42.89
<b>26 05 39 00-0053</b> <b>Underfloor Duct Accessories</b> <small>(26 05 39 00-0001)</small>		
<b>26 05 39 00-0054</b> <b>Plugs For Unused Junction Box Openings And Duct Ends</b> <small>(26 05 39 00-0053)</small>		
26 05 39 00-0055 EA    Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends .....	28.51	3.48
26 05 39 00-0056 EA    Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends .....	29.12	3.48

**26 Electrical****26 05 Common Work Results for Electrical****26 05 39 Underfloor Raceways for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0057			<b>Conduit Adapters</b> <small>(26 05 39 00-0053)</small>		
26 05 39 00-0058	EA		One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter .....	39.77	5.79
26 05 39 00-0059	EA		Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter .....	42.21	5.79
26 05 39 00-0060	EA		One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter .....	40.97	5.79
26 05 39 00-0061	EA		Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter .....	42.19	5.79
26 05 39 00-0062			<b>Holdings And Caps</b> <small>(26 05 39 00-0053)</small>		
26 05 39 00-0063	EA		Tile Holder, Underfloor Duct Accessories .....	254.05	48.68
26 05 39 00-0064	EA		Terrazzo Holder, Underfloor Duct Accessories .....	492.64	48.68
26 05 39 00-0065	EA		Closing Caps For Inserts, Underfloor Duct Accessories .....	3.26	1.16
26 05 39 00-0066			<b>Underfloor Dust Pans</b> <small>(26 05 39 00-0001)</small>		
26 05 39 00-0067	EA		Underfloor Dust Carpet Pan.....	113.02	6.36

**26 05 43 Underground Ducts and Raceways for Electrical Systems** (26 05)

Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.

**26 05 46 Utility Poles for Electrical Systems** (26 05)

26 05 46 00-0001			<b>Wood Poles</b> <small>(26 05 46)</small>		
26 05 46 00-0002			<b>Wood Pole, Class 3, Penta-Treated To 8 LB Retention</b> <small>(26 05 46 00-0001)</small>		
			Note: Machine dig and set.		
26 05 46 00-0003	EA		25' Treated Wood Pole, Class 3, Machine Dig And Set.....	955.68	301.88
			For Class 1 Pole, Add	123.13	
			For Class 2 Pole, Add	70.36	
			For Class 4 Pole, Deduct	-35.18	
			For Class 5 Pole, Deduct	-105.54	
			For Class 6 Pole, Deduct	-140.72	
26 05 46 00-0004	EA		30' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,147.58	334.94
			For Class 1 Pole, Add	167.18	
			For Class 2 Pole, Add	95.53	
			For Class 4 Pole, Deduct	-47.77	
			For Class 5 Pole, Deduct	-143.30	
			For Class 6 Pole, Deduct	-191.06	
26 05 46 00-0005	EA		35' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,486.49	442.98
			For Class 1 Pole, Add	210.23	
			For Class 2 Pole, Add	120.13	
			For Class 4 Pole, Deduct	-60.07	
			For Class 5 Pole, Deduct	-180.20	
			For Class 6 Pole, Deduct	-240.26	
26 05 46 00-0006	EA		40' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,703.79	487.23
			For Class 1 Pole, Add	255.28	
			For Class 2 Pole, Add	145.87	
			For Class 4 Pole, Deduct	-72.94	
			For Class 5 Pole, Deduct	-218.81	
			For Class 6 Pole, Deduct	-291.74	
26 05 46 00-0007	EA		45' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,949.23	542.67
			For Class 1 Pole, Add	302.33	
			For Class 2 Pole, Add	172.76	
			For Class 4 Pole, Deduct	-86.38	
			For Class 5 Pole, Deduct	-259.14	
			For Class 6 Pole, Deduct	-345.52	
26 05 46 00-0008	EA		50' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,219.11	609.03
			For Class 1 Pole, Add	350.38	
			For Class 2 Pole, Add	200.22	
			For Class 4 Pole, Deduct	-100.11	
			For Class 5 Pole, Deduct	-300.32	
			For Class 6 Pole, Deduct	-400.43	
26 05 46 00-0009	EA		55' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,483.92	669.87
			For Class 1 Pole, Add	400.43	
			For Class 2 Pole, Add	228.82	
			For Class 4 Pole, Deduct	-114.41	
			For Class 5 Pole, Deduct	-343.23	
			For Class 6 Pole, Deduct	-457.64	
26 05 46 00-0010	EA		60' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,777.62	736.63
			For Class 1 Pole, Add	456.49	
			For Class 2 Pole, Add	260.85	
			For Class 4 Pole, Deduct	-130.43	
			For Class 5 Pole, Deduct	-391.28	
			For Class 6 Pole, Deduct	-521.70	
26 05 46 00-0011	EA		65' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,611.04	802.87
			For Class 1 Pole, Add	1,051.83	
			For Class 2 Pole, Add	601.05	
			For Class 4 Pole, Deduct	-300.52	
			For Class 5 Pole, Deduct	-901.57	
			For Class 6 Pole, Deduct	-1,202.10	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0012 EA 70' Treated Wood Pole, Class 3, Machine Dig And Set.....	5,067.90	854.06
For Class 1 Pole, Add	1,175.91	
For Class 2 Pole, Add	671.95	
For Class 4 Pole, Deduct	-335.98	
For Class 5 Pole, Deduct	-1,007.93	
For Class 6 Pole, Deduct	-1,343.90	
26 05 46 00-0013 EA 75' Treated Wood Pole, Class 3, Machine Dig And Set.....	5,574.97	912.20
For Class 1 Pole, Add	1,312.68	
For Class 2 Pole, Add	750.10	
For Class 4 Pole, Deduct	-375.05	
For Class 5 Pole, Deduct	-1,125.15	
For Class 6 Pole, Deduct	-1,500.20	
<b>26 05 46 00-0014 Removal And Relocation Of Wood Poles With Cross Arm (26 05 46 00-0001)</b>		
26 05 46 00-0015 LF Removal And Relocation Of Up To 75' Wood Pole With Cross Arms.....	25.72	
<b>26 05 46 00-0016 Crossarms (26 05 46)</b>		
Note: Includes hardware and braces.		
<b>26 05 46 00-0017 Wood Single Arm Crossarms (26 05 46 00-0016)</b>		
26 05 46 00-0018 EA 3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces.....	223.68	90.04
26 05 46 00-0019 EA 3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	270.06	90.04
26 05 46 00-0020 EA 3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	283.35	115.76
<b>26 05 46 00-0021 Wood Double Arm Crossarms (26 05 46 00-0016)</b>		
26 05 46 00-0022 EA 3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces.....	574.95	250.82
26 05 46 00-0023 EA 3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	612.52	250.82
26 05 46 00-0024 EA 3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	637.31	250.82
<b>26 05 46 00-0025 Fiberglass Crossarms (26 05 46 00-0016)</b>		
Note: Includes hardware.		
<b>26 05 46 00-0026 Single Phase, 15 Degree Angle (26 05 46 00-0025)</b>		
26 05 46 00-0027 EA Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 Lb.....	258.56	
26 05 46 00-0028 EA Fiberglass Insulator Bracket, 14", 1 1/16" Diameter Hole, Minimum Ultimate Load 1,200 Lb.....	325.18	54.02
26 05 46 00-0029 EA Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 Lb.....	338.04	57.88
<b>26 05 46 00-0030 Two Phase, 15 Degree Angle (26 05 46 00-0025)</b>		
26 05 46 00-0031 EA Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 Lb.....	404.77	69.46
<b>26 05 46 00-0032 Fiberglass Crossarm Accessories (26 05 46 00-0025)</b>		
26 05 46 00-0033 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 Lb. Per Conductor.....	662.59	88.75
26 05 46 00-0034 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 Lb. Per Conductor.....	784.30	108.05
26 05 46 00-0035 EA Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded.....	115.23	15.43
26 05 46 00-0036 EA Three Phase Equipment Mounting Bracket.....	576.16	77.17
26 05 46 00-0037 EA Fiberglass Bull Horn Crossarm.....	448.59	128.62
<b>26 05 46 00-0038 Insulator Support System (26 05 46 00-0016)</b>		
<b>26 05 46 00-0039 Epoxy Construction Units, In Place Mounting (26 05 46 00-0038)</b>		
Note: Includes hardware.		
26 05 46 00-0040 EA 1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting.....	134.64	
26 05 46 00-0041 EA 1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting.....	111.23	
26 05 46 00-0042 EA Deadend Arms, In Place Mounting.....	332.24	
26 05 46 00-0043 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting.....	217.29	
<b>26 05 46 00-0044 Epoxy Construction Units, Grounding Mounting (26 05 46 00-0038)</b>		
Note: Includes hardware.		
26 05 46 00-0045 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting.....	97.42	
26 05 46 00-0046 EA 1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting.....	86.42	
26 05 46 00-0047 EA Deadend Arms, Grounding Mounting.....	307.43	
<b>26 05 46 00-0048 Guying (26 05 46)</b>		
Note: Includes cable, anchor and rod assembly, guy marker.		
<b>26 05 46 00-0049 Down Guy (26 05 46 00-0048)</b>		
26 05 46 00-0050 EA Down Guy For 25' To 40' Pole.....	957.34	360.15
26 05 46 00-0051 EA Down Guy For 45' To 60' Pole.....	979.47	360.15
26 05 46 00-0052 EA Down Guy For 65' To 75' Pole.....	1,024.98	360.15
26 05 46 00-0053 EA Guy Guard, Plastic.....	47.77	
<b>26 05 46 00-0054 Head Guy, 50' Spans (26 05 46 00-0048)</b>		

**26 Electrical****26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0055 EA Head Guy (50' Span), For 25' To 40' Pole .....	1,347.26	553.09
26 05 46 00-0056 EA Head Guy (50' Span), For 45' To 60' Pole .....	1,347.26	553.09
26 05 46 00-0057 EA Head Guy (50' Span), For 65' To 75' Pole .....	1,347.26	553.09
<b>26 05 46 00-0058 Guy Strain Insulators Additional Insulators (26 05 46 00-0048)</b>		
Note: As required at same material cost and labor.		
26 05 46 00-0059 EA Guy Strain Insulator .....	549.88	270.11
<b>26 05 46 00-0060 Insulators (26 05 46)</b>		
<b>26 05 46 00-0061 Pin Insulator With Pin (26 05 46 00-0060)</b>		
26 05 46 00-0062 EA 5 KV Class 55-3, Pin Insulator With Pin .....	175.03	77.17
26 05 46 00-0063 EA 15 KV Class 55-5, Pin Insulator With Pin .....	181.44	77.17
<b>26 05 46 00-0064 Suspension Insulator (26 05 46 00-0060)</b>		
Note: Includes clevis and strain clamp.		
26 05 46 00-0065 EA 5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp .....	224.34	102.90
26 05 46 00-0066 EA 15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp .....	241.75	102.90
26 05 46 00-0067 EA 25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp .....	343.27	128.62
26 05 46 00-0068 EA 50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp .....	549.48	205.80
<b>26 05 46 00-0069 Spool Insulator With Clevis (26 05 46 00-0060)</b>		
26 05 46 00-0070 EA 5 KV Class 53-5, Spool Insulator With Clevis .....	74.70	32.16
26 05 46 00-0071 EA 15 KV Class, Spool Insulator With Clevis .....	240.85	115.76
26 05 46 00-0072 EA 25 KV Class, Spool Insulator With Clevis .....	312.00	115.76
<b>26 05 46 00-0073 Secondary Rack (26 05 46 00-0060)</b>		
26 05 46 00-0074 EA 1 Spool Secondary Rack .....	148.15	64.31
26 05 46 00-0075 EA 2 Spool Secondary Rack .....	153.77	82.06
26 05 46 00-0076 EA 3 Spool Secondary Rack .....	230.07	109.33
26 05 46 00-0077 EA 4 Spool Secondary Rack .....	258.04	109.33
<b>26 05 46 00-0078 Outdoor Load Break Switches (26 05 46)</b>		
Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.		
<b>26 05 46 00-0079 7.2 KV Outdoor Load Break Switches (26 05 46 00-0078)</b>		
26 05 46 00-0080 EA 600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	4,835.44	437.32
26 05 46 00-0081 EA 1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	9,532.63	437.32
26 05 46 00-0082 EA 1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	14,203.64	739.59
26 05 46 00-0083 EA 2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	14,469.61	739.59
<b>26 05 46 00-0084 14.4 KV Outdoor Load Break Switches (26 05 46 00-0078)</b>		
26 05 46 00-0085 EA 600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	5,924.41	437.32
26 05 46 00-0086 EA 1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	11,280.30	437.32
26 05 46 00-0087 EA 1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	14,203.64	739.59
26 05 46 00-0088 EA 2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	14,469.61	739.59
<b>26 05 46 00-0089 23 KV Outdoor Load Break Switches (26 05 46 00-0078)</b>		
26 05 46 00-0090 EA 600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	6,528.22	508.07
26 05 46 00-0091 EA 1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	12,339.44	508.07
26 05 46 00-0092 EA 1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	14,823.44	874.65
26 05 46 00-0093 EA 2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator .....	15,098.11	874.65
<b>26 05 46 00-0094 Square Distribution Poles (26 05 46)</b>		
<b>26 05 46 00-0095 Square Steel Tapered Shaft Distribution Poles (26 05 46 00-0094)</b>		
26 05 46 00-0096 EA 20', Steel Taped Shaft Distribution Pole .....	4,221.90	546.66
26 05 46 00-0097 EA 25', Steel Taped Shaft Distribution Pole .....	4,717.99	578.81
26 05 46 00-0098 EA 30', Steel Taped Shaft Distribution Pole .....	5,107.82	643.12
26 05 46 00-0099 EA 35', Steel Taped Shaft Distribution Pole .....	5,655.80	707.44
26 05 46 00-0100 EA 40', Steel Taped Shaft Distribution Pole .....	7,811.84	771.75
<b>26 05 46 00-0101 Square Prestressed Concrete Distribution Poles (26 05 46 00-0094)</b>		
26 05 46 00-0102 EA 30', Prestressed Concrete Square Pole For Distribution .....	4,950.26	982.60
26 05 46 00-0103 EA 35', Prestressed Concrete Square Pole For Distribution .....	5,595.05	1,077.69
26 05 46 00-0104 EA 40', Prestressed Concrete Square Pole For Distribution .....	6,567.66	1,204.47
26 05 46 00-0105 EA 45', Prestressed Concrete Square Pole For Distribution .....	7,401.02	1,331.26
26 05 46 00-0106 EA 50', Prestressed Concrete Square Pole For Distribution .....	6,082.30	1,616.53
26 05 46 00-0107 EA 55', Prestressed Concrete Square Pole For Distribution .....	10,439.17	1,901.80
26 05 46 00-0108 EA 60', Prestressed Concrete Square Pole For Distribution .....	12,319.67	2,155.38



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0109 EA 65', Prestressed Concrete Square Pole For Distribution.....	14,868.59	2,662.52
26 05 46 00-0110 EA 70', Prestressed Concrete Square Pole For Distribution.....	16,656.43	2,916.10
<b>26 05 46 00-0111 Aluminum Tapered Poles (26 05 46)</b>		
<b>26 05 46 00-0112 Aluminum Tapered Round Seamless Shaft Poles (26 05 46 00-0111)</b>		
26 05 46 00-0113 EA 20', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	3,860.55	482.34
26 05 46 00-0114 EA 25', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	5,460.16	514.50
26 05 46 00-0115 EA 30', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	6,286.79	578.81
26 05 46 00-0116 EA 35', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	7,484.12	643.12
26 05 46 00-0117 EA 40', Aluminum Tapered Round Seamless Shaft Pole For Distribution.....	11,489.11	707.44
<b>26 05 46 00-0118 Steel Service Poles Distribution (26 05 46)</b>		
Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
<b>26 05 46 00-0119 Round Tapered Pole (26 05 46 00-0118)</b>		
26 05 46 00-0120 EA 40', Galvanized Steel Tapered Round Pole For Distribution.....	5,315.05	771.75
26 05 46 00-0121 EA 45', Galvanized Steel Tapered Round Pole For Distribution.....	6,205.61	836.06
26 05 46 00-0122 EA 50', Galvanized Steel Tapered Round Pole For Distribution.....	6,607.31	900.37
26 05 46 00-0123 EA 55', Galvanized Steel Tapered Round Pole For Distribution.....	7,795.27	1,029.00
26 05 46 00-0124 EA 60', Galvanized Steel Tapered Round Pole For Distribution.....	9,694.05	1,157.62
26 05 46 00-0125 EA 65', Galvanized Steel Tapered Round Pole For Distribution.....	11,444.57	1,489.74
26 05 46 00-0126 EA 70', Galvanized Steel Tapered Round Pole For Distribution.....	12,724.56	1,690.07
26 05 46 00-0127 EA 75', Galvanized Steel Tapered Round Pole For Distribution.....	14,054.57	1,901.80
26 05 46 00-0128 EA 80', Galvanized Steel Tapered Round Pole For Distribution.....	15,751.13	2,155.38
26 05 46 00-0129 EA 85', Galvanized Steel Tapered Round Pole For Distribution.....	16,838.52	2,282.16
26 05 46 00-0130 EA 90', Galvanized Steel Tapered Round Pole For Distribution.....	18,241.19	2,535.74
26 05 46 00-0131 EA 95', Galvanized Steel Tapered Round Pole For Distribution.....	20,071.53	2,852.70
26 05 46 00-0132 EA 100', Galvanized Steel Tapered Round Pole For Distribution.....	22,098.98	3,233.06
<b>26 05 46 00-0133 12 Sided Tapered (26 05 46 00-0118)</b>		
26 05 46 00-0134 EA 40', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	9,358.33	771.75
26 05 46 00-0135 EA 45', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	10,336.49	836.06
26 05 46 00-0136 EA 50', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	11,459.46	900.37
26 05 46 00-0137 EA 55', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	12,570.83	1,029.00
26 05 46 00-0138 EA 60', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	16,808.25	1,157.62
26 05 46 00-0139 EA 65', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	18,602.53	1,489.74
26 05 46 00-0140 EA 70', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	21,565.40	1,690.07
26 05 46 00-0141 EA 75', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	23,174.08	1,901.80
26 05 46 00-0142 EA 80', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	24,859.18	2,155.38
26 05 46 00-0143 EA 85', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	26,335.12	2,282.16
26 05 46 00-0144 EA 90', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	29,917.88	2,535.74
26 05 46 00-0145 EA 95', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	31,715.50	2,852.70
26 05 46 00-0146 EA 100', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	33,819.39	3,233.06
26 05 46 00-0147 EA 105', Galvanized Steel Tapered 12 Sided Pole For Distribution.....	36,079.75	3,613.42
<b>26 05 46 00-0148 Standard Options For Round, 12 Sided and Octagonal Tapered Poles (26 05 46 00-0118)</b>		
26 05 46 00-0149 EA Ladder Clips.....	23.16	
26 05 46 00-0150 EA Coal Tar Epoxy Coating From Base To 1' Above Ground Line.....	173.76	
26 05 46 00-0151 EA Ground Sleeve-2' At Ground Line.....	174.77	
<b>26 05 46 00-0152 Arms With Baseplates And Endplates (26 05 46 00-0118)</b>		
26 05 46 00-0153 EA 4' Arm With Baseplate And Endplate.....	900.86	128.62
26 05 46 00-0154 EA 5' Arm With Baseplate And Endplate.....	988.13	128.62
26 05 46 00-0155 EA 6' Arm With Baseplate And Endplate.....	1,205.05	192.94
26 05 46 00-0156 EA 7' Arm With Baseplate And Endplate.....	1,281.38	192.94
26 05 46 00-0157 EA 8' Arm With Baseplate And Endplate.....	1,496.31	257.25
26 05 46 00-0158 EA 9' Arm With Baseplate And Endplate.....	1,583.53	257.25
26 05 46 00-0159 EA 10' Arm With Baseplate And Endplate.....	2,115.83	321.56
26 05 46 00-0160 EA 11' Arm With Baseplate And Endplate.....	2,213.74	321.56
<b>26 05 46 00-0161 Standard Vangs Load Bearing At Any Angle (26 05 46 00-0118)</b>		
26 05 46 00-0162 EA 15,000 Lb. Standard Vangs Load Bearing At Any Angle.....	329.22	128.62
26 05 46 00-0163 EA 30,000 Lb. Standard Vangs Load Bearing At Any Angle.....	382.69	128.62
26 05 46 00-0164 EA 45,000 Lb. Standard Vangs Load Bearing At Any Angle.....	455.80	128.62
<b>26 05 46 00-0165 Armless Construction Brackets (26 05 46 00-0118)</b>		
<b>26 05 46 00-0166 Verticals Insulator And Equipment Bracket (26 05 46 00-0165)</b>		
26 05 46 00-0167 EA 7" 1 Position Vertical Insulation And Equipment Bracket.....	337.94	128.62
26 05 46 00-0168 EA 12" 1 Position Vertical Insulation And Equipment Bracket.....	371.70	128.62
26 05 46 00-0169 EA 12" 3 Position Vertical Insulation And Equipment Bracket.....	426.54	128.62
26 05 46 00-0170 EA 18" 1 Position Vertical Insulation And Equipment Bracket.....	590.64	192.94



**26 Electrical****26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0171 EA 18" 3 Position Vertical Insulation And Equipment Bracket.....	622.66	192.94
<b>26 05 46 00-0172 Horizontal And Multiple Insulator Brackets (26 05 46 00-0165)</b>		
26 05 46 00-0173 EA Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets .....	311.65	128.62
26 05 46 00-0174 EA Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets .....	382.59	128.62
26 05 46 00-0175 EA Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets .....	556.28	192.94
26 05 46 00-0176 EA Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets .....	723.70	192.94
26 05 46 00-0177 EA Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets .....	922.49	257.25
26 05 46 00-0178 EA Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets .....	1,011.34	257.25
<b>26 05 46 00-0179 Pole Top Bracket And Pins (26 05 46 00-0165)</b>		
26 05 46 00-0180 EA Pole Top Pin - 5".....	321.95	128.62
26 05 46 00-0181 EA Pole Top Bracket - 5".....	339.17	128.62
<b>26 05 46 00-0182 Angle Pins (26 05 46 00-0165)</b>		
26 05 46 00-0183 EA Angle Pin - 25 Degree, 6" .....	319.62	128.62
26 05 46 00-0184 EA Angle Pin - 25 Degree, 7 1/4" .....	375.56	128.62
<b>26 05 46 00-0185 Static And Neutral Wire Brackets (26 05 46 00-0165)</b>		
26 05 46 00-0186 EA Neutral Wire Extension Bracket.....	331.59	128.62
26 05 46 00-0187 EA Static Wire Support Bracket.....	336.91	128.62
<b>26 05 46 00-0188 Cutout, Arrestor And Terminator Brackets (26 05 46 00-0165)</b>		
26 05 46 00-0189 EA Cutout And Arrestor, With Mounting Bracket .....	291.72	128.62
26 05 46 00-0190 EA Equipment Mounting T Bracket.....	314.28	128.62
26 05 46 00-0191 EA 15 KV Cutout .....	417.53	
26 05 46 00-0192 EA 9/10 KV Arrestor .....	385.80	128.62
<b>26 05 46 00-0193 Spacer Cable, Conduit Support And Cluster Bracket (26 05 46 00-0165)</b>		
26 05 46 00-0194 EA Parallel Cable Spacer .....	369.84	128.62
26 05 46 00-0195 EA Conduit Standoff Support Bracket .....	352.83	128.62
26 05 46 00-0196 EA Three Transformer Pole Mounted Cluster Bracket .....	942.68	128.62
<b>26 05 46 00-0197 15 KV, 200 Amperes, Solenoid Operated High Voltage Switch (26 05 46 00-0165)</b>		
Note: Includes pole mounting bracket.		
26 05 46 00-0198 EA 15 KV, 1 Phase, Solenoid Switch With Pole Bracket.....	2,041.30	321.56
<b>26 05 46 00-0199 Octagonal Tapered (26 05 46 00-0118)</b>		
26 05 46 00-0200 EA 40', Galvanized Steel Tapered Octagonal Pole For Distribution .....	9,658.85	771.75
26 05 46 00-0201 EA 45', Galvanized Steel Tapered Octagonal Pole For Distribution .....	10,669.80	836.06
26 05 46 00-0202 EA 50', Galvanized Steel Tapered Octagonal Pole For Distribution .....	11,831.02	900.37
26 05 46 00-0203 EA 55', Galvanized Steel Tapered Octagonal Pole For Distribution .....	12,975.17	1,093.31
26 05 46 00-0204 EA 60', Galvanized Steel Tapered Octagonal Pole For Distribution .....	17,365.59	1,157.62
26 05 46 00-0205 EA 65', Galvanized Steel Tapered Octagonal Pole For Distribution .....	19,203.58	1,489.74
26 05 46 00-0206 EA 70', Galvanized Steel Tapered Octagonal Pole For Distribution .....	22,264.80	1,584.83
26 05 46 00-0207 EA 75', Galvanized Steel Tapered Octagonal Pole For Distribution .....	23,919.92	1,901.80
26 05 46 00-0208 EA 80', Galvanized Steel Tapered Octagonal Pole For Distribution .....	25,648.72	2,028.59
26 05 46 00-0209 EA 85', Galvanized Steel Tapered Octagonal Pole For Distribution .....	27,171.13	2,282.16
26 05 46 00-0210 EA 90', Galvanized Steel Tapered Octagonal Pole For Distribution .....	30,871.36	2,408.95
26 05 46 00-0211 EA 95', Galvanized Steel Tapered Octagonal Pole For Distribution .....	32,718.16	2,852.70
26 05 46 00-0212 EA 100', Galvanized Steel Tapered Octagonal Pole For Distribution .....	34,871.23	3,042.88
26 05 46 00-0213 EA 105', Galvanized Steel Tapered Octagonal Pole For Distribution .....	37,186.23	3,423.24
<b>26 05 46 00-0214 Removal And Relocation Of Steel Service Poles (26 05 46 00-0118)</b>		
26 05 46 00-0215 LF Removal And Relocation Of Steel Service Poles With Arms Up To 60'.....	45.01	
<b>26 05 46 00-0216 Special Steel Bases For Poles (26 05 46 00-0118)</b>		
26 05 46 00-0217 EA Spin-In Steel Base For Poles.....	305.83	
26 05 46 00-0218 EA Series 3, 25' Pole And less .....	343.22	64.31
26 05 46 00-0219 EA Series 4, 40' Pole And less .....	410.20	73.95
26 05 46 00-0220 EA Series 5, 50' Pole And less .....	470.75	80.39

**26 05 53 Identification for Electrical Systems (26 05)****26 05 53 00-0001 Conduit Markers Pressure-Sensitive (26 05 53)**

Note: Stick-on, includes arrow tape.

26 05 53 00-0002 EA 1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.09	
26 05 53 00-0003 EA 3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.66	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				26 05 53 00-0004 EA 1" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.84	
				26 05 53 00-0005 EA 1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.06	
				26 05 53 00-0006 EA 1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.29	
				26 05 53 00-0007 EA 2" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.65	
				26 05 53 00-0008 EA 2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.39	
				26 05 53 00-0009 EA 3" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.85	
				26 05 53 00-0010 EA 3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	19.20	
				26 05 53 00-0011 EA 4" Outside Diameter Pressure Sensitive Marker Stick-on.....	19.56	
				26 05 53 00-0012 EA 4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	20.28	
				26 05 53 00-0013 EA 5" Outside Diameter Pressure Sensitive Marker Stick-on.....	21.06	
				26 05 53 00-0014 EA 6" Outside Diameter Pressure Sensitive Marker Stick-on.....	21.74	
				26 05 53 00-0015 EA 7" Outside Diameter Pressure Sensitive Marker Stick-on.....	22.43	
				26 05 53 00-0016 EA 8" Outside Diameter Pressure Sensitive Marker Stick-on.....	24.65	
				26 05 53 00-0017 EA 10" Outside Diameter Pressure Sensitive Marker Stick-on.....	25.92	
				<b>26 05 53 00-0018 Labeling Existing Electrical Wires</b> <small>(26 05 53)</small>		
				Note: Self-adhesive vinyl coated white cloth		
				26 05 53 00-0019 EA Labeling Existing Wire.....	3.58	
				<b>26 05 53 00-0020 Equipment Labeling</b> <small>(26 05 53)</small>		
				26 05 53 00-0021 EA Label Both Ends Of One 4 Pair Cable.....	22.81	
				26 05 53 00-0022 EA Label single gang face plate (2 labels required).....	18.25	
				26 05 53 00-0023 EA Label two gang face plate (4 labels required).....	27.37	
				26 05 53 00-0024 EA Label both ends of a Siamese (dual 4 Pair cable).....	22.81	
				<b>26 05 83 Wiring Connections</b> <small>(26 05)</small>		
				<b>26 05 83 00-0001 Motor/Equipment Connections And Terminations</b> <small>(26 05 83)</small>		
				Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.		
				<b>26 05 83 00-0002 AC Single Phase, 230 Volt</b> <small>(26 05 83 00-0001)</small>		
				26 05 83 00-0003 EA <1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	72.61	28.98
				26 05 83 00-0004 EA 1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	72.12	28.98
				26 05 83 00-0005 EA 3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	84.30	34.77
				26 05 83 00-0006 EA 1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	102.78	43.46
				26 05 83 00-0007 EA 1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.76	43.46
				26 05 83 00-0008 EA 2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.96	43.46
				26 05 83 00-0009 EA 3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	107.20	43.46
				26 05 83 00-0010 EA 5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	136.58	57.95
				26 05 83 00-0011 EA 7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	140.22	57.95
				26 05 83 00-0012 EA 10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	177.35	72.44
				<b>26 05 83 00-0013 AC Three Phase, 230 Volt</b> <small>(26 05 83 00-0001)</small>		
				26 05 83 00-0014 EA 1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	72.12	28.98
				26 05 83 00-0015 EA 3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	84.30	34.77
				26 05 83 00-0016 EA 1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	102.78	43.46
				26 05 83 00-0017 EA 1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.76	43.46
				26 05 83 00-0018 EA 2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.96	43.46
				26 05 83 00-0019 EA 3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	107.20	43.46
				26 05 83 00-0020 EA 5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	136.58	57.95
				26 05 83 00-0021 EA 7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	140.22	57.95
				26 05 83 00-0022 EA 10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	177.35	72.44
				26 05 83 00-0023 EA 15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	182.27	72.44
				26 05 83 00-0024 EA 20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	230.64	86.93
				26 05 83 00-0025 EA 25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	238.13	86.93
				26 05 83 00-0026 EA 30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	325.31	115.91
				26 05 83 00-0027 EA 40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	407.86	144.87
				26 05 83 00-0028 EA 50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	480.19	173.85
				26 05 83 00-0029 EA 60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	572.18	202.83
				26 05 83 00-0030 EA 75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	657.89	231.81
				26 05 83 00-0031 EA 100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	816.22	289.76
				26 05 83 00-0032 EA 125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	963.57	344.82
				26 05 83 00-0033 EA 150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,142.11	402.19
				26 05 83 00-0034 EA 200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,623.12	603.16
				<b>26 05 83 00-0035 AC Three Phase, 460 Volt</b> <small>(26 05 83 00-0001)</small>		
				26 05 83 00-0036 EA 1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	72.12	28.98
				26 05 83 00-0037 EA 3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	84.30	34.77
				26 05 83 00-0038 EA 1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	102.78	43.46
				26 05 83 00-0039 EA 1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.76	43.46
				26 05 83 00-0040 EA 2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	103.96	43.46
				26 05 83 00-0041 EA 3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	107.20	43.46
				26 05 83 00-0042 EA 5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	136.58	57.95

**26 Electrical****26 05 Common Work Results for Electrical****26 05 83 Wiring Connections**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 05 83 00-0043	EA	7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	140.22	57.95
26 05 83 00-0044	EA	10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	177.35	72.44
26 05 83 00-0045	EA	15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	182.27	72.44
26 05 83 00-0046	EA	20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	230.65	86.93
26 05 83 00-0047	EA	25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	238.12	86.93
26 05 83 00-0048	EA	30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	325.31	115.91
26 05 83 00-0049	EA	40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	408.21	145.12
26 05 83 00-0050	EA	50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	480.19	173.85
26 05 83 00-0051	EA	60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	572.18	202.83
26 05 83 00-0052	EA	75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	657.89	231.81
26 05 83 00-0053	EA	100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	816.22	289.76
26 05 83 00-0054	EA	125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	963.90	344.93
26 05 83 00-0055	EA	150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,142.55	402.42
26 05 83 00-0056	EA	200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,624.13	603.63
<b>26 05 83 00-0057</b>		<b>AC Single Phase, 120 Volt <small>(26 05 83 00-0001)</small></b>		
26 05 83 00-0058	EA	1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	72.61	28.98
<b>26 05 83 00-0059</b>		<b>Motor Moisture Sensor <small>(26 05 83 00-0001)</small></b>		
26 05 83 00-0060	EA	Motor Moisture Sensor Located In Winding.....	836.81	
<b>26 05 83 00-0061</b>		<b>Tape Wrapped Compression Connectors <small>(26 05 83)</small></b>		
26 05 83 00-0062	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	14.99	5.21
26 05 83 00-0063	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	16.39	5.79
26 05 83 00-0064	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	17.66	6.37
26 05 83 00-0065	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	20.33	6.96
26 05 83 00-0066	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	21.88	7.54
26 05 83 00-0067	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	24.22	8.11
26 05 83 00-0068	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	25.94	8.69
26 05 83 00-0069	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	28.22	9.27
26 05 83 00-0070	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	31.26	10.43
26 05 83 00-0071	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	32.81	11.02
26 05 83 00-0072	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	36.35	11.59
26 05 83 00-0073	EA	500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	39.45	12.17
26 05 83 00-0074	EA	750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	44.02	13.33
26 05 83 00-0075	EA	1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	50.97	15.06
<b>26 05 83 00-0076</b>		<b>One Hole Compression Lugs <small>(26 05 83)</small></b>		
26 05 83 00-0077	EA	#22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	19.85	15.06
26 05 83 00-0078	EA	#16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	19.98	15.06
26 05 83 00-0079	EA	#12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	22.60	16.23
26 05 83 00-0080	EA	#8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	27.84	17.96
26 05 83 00-0081	EA	#6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	39.17	23.18
26 05 83 00-0082	EA	#4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	45.96	23.18
26 05 83 00-0083	EA	#2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	52.88	23.18
26 05 83 00-0084	EA	1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	65.21	34.77
26 05 83 00-0085	EA	2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	76.49	34.77
26 05 83 00-0086	EA	3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	89.52	34.77
26 05 83 00-0087	EA	4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug.....	107.97	46.36
26 05 83 00-0088	EA	250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	128.06	69.54
26 05 83 00-0089	EA	300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	146.49	69.54
26 05 83 00-0090	EA	350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	157.46	69.54
26 05 83 00-0091	EA	400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	171.42	81.13
26 05 83 00-0092	EA	500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	187.39	81.13
26 05 83 00-0093	EA	750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	203.67	92.72
26 05 83 00-0094	EA	1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug.....	239.07	104.31
<b>26 05 83 00-0095</b>		<b>Two Hole Compression Lugs <small>(26 05 83)</small></b>		
26 05 83 00-0096	EA	#8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	40.48	19.71
26 05 83 00-0097	EA	#6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	43.43	20.98
26 05 83 00-0098	EA	#4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	45.81	20.98
26 05 83 00-0099	EA	#2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	52.71	24.11
26 05 83 00-0100	EA	1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	65.03	30.14
26 05 83 00-0101	EA	2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	76.30	35.81
26 05 83 00-0102	EA	3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	89.31	41.96
26 05 83 00-0103	EA	4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug.....	107.73	50.88
26 05 83 00-0104	EA	250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	127.78	60.39
26 05 83 00-0105	EA	300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	146.16	68.96
26 05 83 00-0106	EA	350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	157.12	74.29
26 05 83 00-0107	EA	400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	171.02	80.44
26 05 83 00-0108	EA	500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	186.95	87.85
26 05 83 00-0109	EA	750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	204.18	95.27
26 05 83 00-0110	EA	1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug.....	252.36	115.91



	MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0111		<b>Tape Wrapped Split Bolt Connectors</b> <small>(26 05 83)</small>		
26 05 83 00-0112	EA	#8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	60.69	46.36
26 05 83 00-0113	EA	#6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	66.73	49.84
26 05 83 00-0114	EA	#4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	76.05	52.16
26 05 83 00-0115	EA	#2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	88.19	57.95
26 05 83 00-0116	EA	1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	104.00	63.75
26 05 83 00-0117	EA	2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	116.27	69.54
26 05 83 00-0118	EA	3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	145.20	75.33
26 05 83 00-0119	EA	4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	155.77	81.13
26 05 83 00-0120	EA	250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	164.12	86.93
26 05 83 00-0121	EA	300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	186.76	95.62
26 05 83 00-0122	EA	350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	209.38	139.08
26 05 83 00-0123	EA	400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	229.18	115.91
26 05 83 00-0124	EA	500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	248.96	156.47
26 05 83 00-0125	EA	750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	275.34	162.27
26 05 83 00-0126	EA	1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt .....	310.89	173.85
26 05 83 00-0127		<b>Cable Termination Lugs Handwrapped, No Stress Cone</b> <small>(26 05 83)</small>		
26 05 83 00-0128	EA	#8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	99.08	46.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.34	
26 05 83 00-0129	EA	#4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	110.38	46.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.59	
26 05 83 00-0130	EA	1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	152.95	69.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.63	
26 05 83 00-0131	EA	4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	173.85	69.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.58	
26 05 83 00-0132	EA	300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	207.84	86.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.69	
26 05 83 00-0133	EA	500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt .....	290.11	115.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.44	
26 05 83 00-0134		<b>Terminal Blocks</b> <small>(26 05 83)</small>		
		Note: Labor excludes wire termination.		
26 05 83 00-0135	EA	Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt .....	1,005.28	428.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	257.56	
26 05 83 00-0136	EA	#22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block .....	249.45	58.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.17	
26 05 83 00-0137	EA	#8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block .....	274.34	58.05
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.54	
26 05 83 00-0138		<b>Parallel Gutter Tap Or Motor Connection</b> <small>(26 05 83)</small>		
26 05 83 00-0139	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	40.47	20.98
26 05 83 00-0140	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	43.43	20.98
26 05 83 00-0141	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	45.81	20.98
26 05 83 00-0142	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	52.71	24.11
26 05 83 00-0143	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	65.03	30.14
26 05 83 00-0144	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	76.30	35.81
26 05 83 00-0145	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	89.31	41.96
26 05 83 00-0146	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	107.73	50.88
26 05 83 00-0147	EA	250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	127.78	60.39
26 05 83 00-0148	EA	300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	146.16	68.96
26 05 83 00-0149	EA	350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	157.12	74.29
26 05 83 00-0150	EA	400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	171.02	80.44
26 05 83 00-0151	EA	500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	186.95	87.85
26 05 83 00-0152	EA	750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap .....	187.35	87.85
26 05 83 00-0153	EA	#8 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	40.47	20.98
26 05 83 00-0154	EA	#6 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	43.43	20.98
26 05 83 00-0155	EA	#4 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	45.81	20.98
26 05 83 00-0156	EA	#2 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	52.71	24.11
26 05 83 00-0157	EA	1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	65.03	30.14
26 05 83 00-0158	EA	2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	76.30	35.81
26 05 83 00-0159	EA	3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	89.31	41.96
26 05 83 00-0160	EA	4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover .....	107.73	50.88
26 05 83 00-0161	EA	250 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	127.78	60.39
26 05 83 00-0162	EA	300 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	146.16	68.96
26 05 83 00-0163	EA	350 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	157.12	74.29
26 05 83 00-0164	EA	400 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	171.02	80.44
26 05 83 00-0165	EA	500 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	186.95	87.85
26 05 83 00-0166	EA	750 MCM Parallel Gutter Tap, Versitap, Insulating Cover .....	187.35	87.85
26 05 83 00-0167		<b>Copper Mechanical Lugs</b> <small>(26 05 83)</small>		
26 05 83 00-0168	EA	#8 Copper Mechanical Lugs .....	33.07	14.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 05 83 00-0169	EA	#6 Copper Mechanical Lugs .....	39.68	17.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.50	
26 05 83 00-0170	EA	#4 Copper Mechanical Lugs .....	45.84	20.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	



**26 Electrical****26 05 Common Work Results for Electrical****26 05 83 Wiring Connections**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0171	EA	#2 Copper Mechanical Lugs	.....	60.04	25.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		15.52	
26 05 83 00-0172	EA	1/0 Copper Mechanical Lugs	.....	80.88	34.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		20.87	
26 05 83 00-0173	EA	2/0 Copper Mechanical Lugs	.....	96.50	40.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		24.23	
26 05 83 00-0174	EA	3/0 Copper Mechanical Lugs	.....	112.90	46.36
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		27.82	
26 05 83 00-0175	EA	4/0 Copper Mechanical Lugs	.....	128.59	52.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		31.19	
26 05 83 00-0176	EA	250 MCM Copper Mechanical Lugs	.....	147.37	57.95
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		34.77	
26 05 83 00-0177	EA	300 MCM Copper Mechanical Lugs	.....	165.87	63.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		38.26	
26 05 83 00-0178	EA	350 MCM Copper Mechanical Lugs	.....	184.31	69.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		41.72	
26 05 83 00-0179	EA	400 MCM Copper Mechanical Lugs	.....	202.61	75.33
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		45.17	
26 05 83 00-0180	EA	500 MCM Copper Mechanical Lugs	.....	221.21	81.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		48.68	
26 05 83 00-0181	EA	750 MCM Copper Mechanical Lugs	.....	250.67	92.37
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		55.46	
26 05 83 00-0182	EA	1,000 MCM Copper Mechanical Lugs	.....	283.82	104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		62.59	

**26 05 83 00-0183 Gel Connectors** (26 05 83)

26 05 83 00-0184	EA	3 Port, #14 to 2/0, Push On Gel Stub Splice Kit	.....	68.05	
		Note: Kit contains connector, gel filled cap and cap clamp.			
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3.48	
26 05 83 00-0185	EA	4 Port, #14 to 2, Gel Tap Splice Kit	.....	65.42	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		4.18	

**26 05 83 00-0186 Other Connections** (26 05 83)

26 05 83 00-0187	EA	#14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	.....	11.42	5.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3.18	
26 05 83 00-0188	EA	#12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	.....	11.50	5.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3.18	
26 05 83 00-0189	EA	#10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape	.....	11.58	5.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		3.18	

**26 09 Instrumentation and Control for Electrical Systems** (26)

Note: Includes testing of new devices and certification.

**26 09 23 Lighting Control Devices** (26 09)

26 09 23 00-0001		Lighting Contactors <small>(26 09 23)</small>			
		Note: Up to 600 volt.			
26 09 23 00-0002		Electrically Held, Lighting Contactors <small>(26 09 23 00-0001)</small>			
26 09 23 00-0003		NEMA 1 Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0002)</small>			
26 09 23 00-0004		2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0003)</small>			
26 09 23 00-0005	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	526.92	92.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		55.64	
26 09 23 00-0006	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	655.19	104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		62.59	
26 09 23 00-0007	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,239.25	162.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		97.36	
26 09 23 00-0008	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,942.46	220.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		132.13	
26 09 23 00-0009	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	4,111.75	289.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		173.86	
26 09 23 00-0010		3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0003)</small>			
26 09 23 00-0011	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	595.21	104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		62.59	
26 09 23 00-0012	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	717.78	115.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		69.54	
26 09 23 00-0013	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	1,338.15	185.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		111.27	
26 09 23 00-0014	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	2,095.77	243.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		146.04	
26 09 23 00-0015	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor	.....	4,410.81	318.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		191.24	
26 09 23 00-0016		4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0003)</small>			





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0017 EA 20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	703.52	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54	
26 09 23 00-0018 EA 30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	848.85	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.50	
26 09 23 00-0019 EA 60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,624.68	208.62
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.18	
26 09 23 00-0020 EA 100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	2,516.45	266.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.95	
26 09 23 00-0021 EA 200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	5,653.67	347.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	208.63	
<b>26 09 23 00-0022 NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)</b>		
<b>26 09 23 00-0023 2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)</b>		
26 09 23 00-0024 EA 30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	875.71	104.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59	
26 09 23 00-0025 EA 60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,786.67	162.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.36	
26 09 23 00-0026 EA 100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	2,697.63	220.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.13	
<b>26 09 23 00-0027 3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)</b>		
26 09 23 00-0028 EA 30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,263.36	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54	
26 09 23 00-0029 EA 60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,957.89	185.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.27	
26 09 23 00-0030 EA 100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	2,972.76	243.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.04	
26 09 23 00-0031 EA 200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	6,942.09	318.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.24	
<b>26 09 23 00-0032 4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)</b>		
26 09 23 00-0033 EA 30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,188.52	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.50	
26 09 23 00-0034 EA 60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,960.44	208.62
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.18	
26 09 23 00-0035 EA 100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	2,686.00	266.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.95	
<b>26 09 23 00-0036 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)</b>		
<b>26 09 23 00-0037 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)</b>		
26 09 23 00-0038 EA 20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	889.93	92.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.64	
26 09 23 00-0039 EA 30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,136.47	104.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59	
26 09 23 00-0040 EA 60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,199.00	162.27
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.36	
26 09 23 00-0041 EA 100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	3,305.62	220.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.13	
26 09 23 00-0042 EA 200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	6,438.42	289.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	173.86	
<b>26 09 23 00-0043 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)</b>		
26 09 23 00-0044 EA 20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	920.28	104.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59	
26 09 23 00-0045 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,199.07	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54	
26 09 23 00-0046 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,300.71	185.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.27	
26 09 23 00-0047 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	3,458.00	243.39
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.04	
26 09 23 00-0048 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	6,736.54	318.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.24	
<b>26 09 23 00-0049 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)</b>		
26 09 23 00-0050 EA 20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	993.72	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54	
26 09 23 00-0051 EA 30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	1,330.14	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.50	
26 09 23 00-0052 EA 60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	2,961.58	208.62
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.18	
26 09 23 00-0053 EA 100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	4,253.01	266.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.95	
26 09 23 00-0054 EA 200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor.....	9,011.39	347.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	208.63	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 09 23 00-0055		NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0002)</small>			
26 09 23 00-0056		2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0055)</small>			
26 09 23 00-0057	EA	60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	2,693.56		162.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.36		
26 09 23 00-0058	EA	100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	3,824.76		220.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.13		
26 09 23 00-0059	EA	200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	3,566.48		289.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	173.86		
26 09 23 00-0060		3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0055)</small>			
26 09 23 00-0061	EA	60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	2,875.72		185.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.27		
26 09 23 00-0062	EA	100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	4,065.13		243.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.04		
26 09 23 00-0063		4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors <small>(26 09 23 00-0055)</small>			
26 09 23 00-0064	EA	60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	1,457.88		208.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.18		
26 09 23 00-0065	EA	100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor .....	2,019.76		266.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.95		
26 09 23 00-0066		Mechanically Held, Lighting Contactors <small>(26 09 23 00-0001)</small>			
26 09 23 00-0067		NEMA 1 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0066)</small>			
26 09 23 00-0068		2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0067)</small>			
26 09 23 00-0069	EA	20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	791.49		92.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.64		
26 09 23 00-0070	EA	30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	900.99		104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59		
26 09 23 00-0071	EA	60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	1,717.72		162.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.36		
26 09 23 00-0072	EA	100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	2,395.59		220.22
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.13		
26 09 23 00-0073	EA	200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	5,582.80		289.76
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	173.86		
26 09 23 00-0074		3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0067)</small>			
26 09 23 00-0075	EA	20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	844.40		104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59		
26 09 23 00-0076	EA	30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	965.46		115.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54		
26 09 23 00-0077	EA	60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	1,819.43		185.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.27		
26 09 23 00-0078	EA	100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	2,549.84		243.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.04		
26 09 23 00-0079	EA	200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	6,280.59		318.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	191.24		
26 09 23 00-0080		4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0067)</small>			
26 09 23 00-0081	EA	20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	910.66		115.91
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.54		
26 09 23 00-0082	EA	30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	1,028.05		127.49
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.50		
26 09 23 00-0083	EA	60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	2,131.29		208.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.18		
26 09 23 00-0084	EA	100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	2,997.73		266.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.95		
26 09 23 00-0085	EA	200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor .....	7,593.81		347.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	208.63		
26 09 23 00-0086		NEMA 4 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0066)</small>			
26 09 23 00-0087		2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors <small>(26 09 23 00-0086)</small>			
26 09 23 00-0088	EA	20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....	1,200.64		92.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.64		
26 09 23 00-0089	EA	30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....	1,382.28		104.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59		
26 09 23 00-0090	EA	60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor .....	2,680.28		162.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.36		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0091 EA 100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,758.76 132.13	220.22
26 09 23 00-0092 EA 200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,907.60 173.86	289.76
<b>26 09 23 00-0093 3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0093)</small>		
26 09 23 00-0094 EA 20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,266.88 62.59	104.31
26 09 23 00-0095 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,446.75 69.54	115.91
26 09 23 00-0096 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,782.00 111.27	185.45
26 09 23 00-0097 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,913.95 146.04	243.39
26 09 23 00-0098 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,607.26 191.24	318.74
<b>26 09 23 00-0099 4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0099)</small>		
26 09 23 00-0100 EA 20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,338.27 69.54	115.91
26 09 23 00-0101 EA 30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,509.33 76.50	127.49
26 09 23 00-0102 EA 60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,468.19 125.18	208.62
26 09 23 00-0103 EA 100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,734.29 159.95	266.58
26 09 23 00-0104 EA 200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,883.05 208.63	347.71
<b>26 09 23 00-0105 NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0105)</small>		
<b>26 09 23 00-0106 2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0106)</small>		
26 09 23 00-0107 EA 30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	739.09 62.59	104.31
26 09 23 00-0108 EA 60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,371.50 97.36	185.45
26 09 23 00-0109 EA 100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,868.97 132.13	220.22
26 09 23 00-0110 EA 200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,393.39 173.86	289.76
<b>26 09 23 00-0111 3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0111)</small>		
26 09 23 00-0112 EA 30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	786.13 69.54	115.91
<b>26 09 23 00-0113 4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors</b> <small>(26 09 23 00-0113)</small>		
26 09 23 00-0114 EA 200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,934.91 208.63	347.71
<b>26 09 23 00-0115 Combination Lighting Contactors</b> <small>(26 09 23 00-0115)</small>		
Note: Up to 600 volt.		
<b>26 09 23 00-0116 Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0116)</small>		
<b>26 09 23 00-0117 NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0117)</small>		
<b>26 09 23 00-0118 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0118)</small>		
26 09 23 00-0119 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,542.63 76.50	127.49
26 09 23 00-0120 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,417.55 122.39	203.99
26 09 23 00-0121 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,921.35 160.64	267.74
26 09 23 00-0122 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,198.54 210.37	350.61
<b>26 09 23 00-0123 NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0123)</small>		

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 09 23 00-0124 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0123)</small>		
26 09 23 00-0125 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	2,824.65	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	76.50	
26 09 23 00-0126 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	4,393.34	203.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	122.39	
26 09 23 00-0127 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	7,369.14	267.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	160.64	
26 09 23 00-0128 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	11,608.90	350.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	210.37	
<b>26 09 23 00-0129 Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0115)</small>		
<b>26 09 23 00-0130 NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0129)</small>		
<b>26 09 23 00-0131 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0130)</small>		
26 09 23 00-0132 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	1,688.99	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	76.50	
26 09 23 00-0133 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	2,924.16	203.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	122.39	
26 09 23 00-0134 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	4,401.23	267.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	160.64	
26 09 23 00-0135 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	8,562.18	350.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	210.37	
<b>26 09 23 00-0136 NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0129)</small>		
<b>26 09 23 00-0137 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors</b> <small>(26 09 23 00-0136)</small>		
26 09 23 00-0138 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	2,972.41	127.49
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	76.50	
26 09 23 00-0139 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	4,902.77	203.99
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	122.39	
26 09 23 00-0140 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	7,850.42	267.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	160.64	
26 09 23 00-0141 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch .....	12,972.54	350.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	210.37	
<b>26 09 23 00-0142 Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket</b> <small>(26 09 23)</small>		
26 09 23 00-0143 EA 105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket .....	116.53	30.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	18.11	
26 09 23 00-0144 EA 105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket .....	125.84	30.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	18.11	
<b>26 09 23 00-0145 Dimming Module System (Lutron Grafik Eye)</b> <small>(26 09 23)</small>		
26 09 23 00-0146 EA 2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2).....	1,768.29	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	69.54	
26 09 23 00-0147 EA 4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4).....	2,290.13	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	69.54	
26 09 23 00-0148 EA 6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6).....	2,821.27	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	69.54	
<b>26 09 23 00-0149 Dimming Module Contol (Leviton)</b> <small>(26 09 23)</small>		
26 09 23 00-0150 EA 5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0) .....	228.86	14.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	8.71	
<b>26 09 23 00-0151 Light Control Panels</b> <small>(26 09 23)</small>		
26 09 23 00-0152 Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0151)</small>		
26 09 23 00-0153 Lighting Control Panels (Watt Stopper) <small>(26 09 23 00-0152)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0154 EA 4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4).....	1,933.66	162.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.52	
26 09 23 00-0155 EA 8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8).....	1,810.56	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0156 EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G).....	2,039.15	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0157 EA 8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8).....	3,062.13	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0158 EA 8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G).....	3,330.50	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0159 EA 4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4).....	2,153.50	162.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.52	
26 09 23 00-0160 EA 8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8).....	2,310.79	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0161 EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G).....	2,578.90	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0162 EA 8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8).....	3,169.38	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0163 EA 8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G).....	3,437.74	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
<b>26 09 23 00-0164 Accessories For Lighting Control Panels (Watt Stopper) (26 09 23 00-0152)</b>		
26 09 23 00-0165 EA Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2).....	185.49	29.03
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.42	
26 09 23 00-0166 EA Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W).....	142.63	23.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.93	
26 09 23 00-0167 EA Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2).....	73.67	23.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.93	
<b>26 09 23 00-0168 Lighting Control Panels (Synergy) (26 09 23 00-0151)</b>		
<b>26 09 23 00-0169 Lighting Control Panels (Synergy) (26 09 23 00-0168)</b>		
26 09 23 00-0170 EA 8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S).....	2,807.77	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
<b>26 09 23 00-0171 Accessories For Lighting Control Panels (Synergy) (26 09 23 00-0168)</b>		
26 09 23 00-0172 EA Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL).....	690.85	29.03
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.42	
26 09 23 00-0173 EA Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20).....	267.52	11.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.97	
26 09 23 00-0174 EA Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT).....	149.80	17.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.45	
<b>26 09 23 00-0175 Lighting Switching Panels (Lutron) (26 09 23 00-0151)</b>		
<b>26 09 23 00-0176 Lighting Switching Panels (Lutron) (26 09 23 00-0175)</b>		
26 09 23 00-0177 EA 8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT).....	2,279.63	174.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.49	
26 09 23 00-0178 EA 12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT).....	3,134.00	185.77
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	111.46	
26 09 23 00-0179 EA 16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT).....	4,111.28	197.37
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	118.42	
<b>26 09 23 00-0180 Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) (26 09 23 00-0151)</b>		
26 09 23 00-0181 EA 6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z).....	1,517.21	162.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.52	
26 09 23 00-0182 EA 12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z).....	1,733.96	162.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.52	
26 09 23 00-0183 EA 18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z).....	1,950.72	162.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	97.52	
<b>26 09 23 00-0184 Power Filters (26 09 23 00-0151)</b>		
26 09 23 00-0185 EA 600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure.....	29,798.92	965.82
26 09 23 00-0186 EA 200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure.....	17,560.19	419.92
<b>26 09 23 00-0187 Signal Filters (26 09 23 00-0151)</b>		
26 09 23 00-0188 EA 0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case.....	13,831.89	878.09
26 09 23 00-0189 EA 0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case.....	9,433.34	536.63
26 09 23 00-0190 EA 0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case.....	5,267.67	311.55
26 09 23 00-0191 EA 5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case.....	7,125.48	311.55





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0192			Lighting Control Devices (Encelium) <sup>(26 09 23)</sup>		
26 09 23 00-0193	EA		8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120 Volt) With Polaris 3D™ (Encelium EN-ECU-G4-P3D).....	16,393.67	116.11
			Note: Excludes GB II cable.		
26 09 23 00-0194	EA		Server, System Support Unit (SSU) (Encelium EN-SSU-1U) .....	7,482.33	116.11
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0195	EA		Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT) .....	3,883.47	116.11
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0196	EA		Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT) .....	16,490.21	116.11
			Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0197	EA		Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK) .....	127.06	14.51
			Note: Excludes GB II cable.		
26 09 23 00-0198	EA		Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR) .....	198.36	14.51
			Note: Excludes GB II cable.		
26 09 23 00-0199	EA		Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK) .....	247.53	29.03
			Note: Excludes GB II cable.		
26 09 23 00-0200	EA		Damp Rated, Wired Area Lighting Controller, Heavy-Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR) .....	299.94	29.03
			Note: Excludes GB II cable.		
26 09 23 00-0201	EA		Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK) .....	156.08	29.03
			Note: Excludes GB II cable.		
26 09 23 00-0202	EA		Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR) .....	227.38	29.03
			Note: Excludes GB II cable.		
26 09 23 00-0203	EA		16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700) .....	575.71	58.05
			Note: Excludes cable.		
26 09 23 00-0204	EA		Rack Mounted, Wired Power Bar (Encelium PWR-700) .....	429.22	58.05
26 09 23 00-0205	EA		Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800) .....	797.45	58.05
26 09 23 00-0206	EA		Wall Mounted, 4U Mounting Rack (Encelium RCK-700) .....	263.69	58.05
26 09 23 00-0207	EA		4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042) .....	895.55	58.05
			Note: Excludes cable.		
26 09 23 00-0208	EA		Wired BACnet Interface (Encelium BIF-600) .....	9,472.28	232.20
			Note: Excludes cable.		
26 09 23 00-0209	EA		Wired AV Interface (Encelium EN-SW-AVINT) .....	7,036.99	58.05
			Note: Excludes cable.		
26 09 23 00-0210	EA		Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH) .....	260.85	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0211	EA		3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH) .....	318.78	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0212	EA		3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH) .....	304.80	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0213	EA		5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH) .....	318.78	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0214	EA		6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH) .....	304.80	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0215	EA		Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT) .....	229.54	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0216	EA		Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT) .....	318.78	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0217	EA		3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT) .....	304.80	14.51
			Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0218	EA		Wired Key Switch Controller (Encelium KSW-300) .....	223.90	14.51
			Note: Excludes GB II cable.		
26 09 23 00-0219	EA		Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH) .....	93.54	14.51
			Note: Includes white finish.		
26 09 23 00-0220	EA		1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2) .....	72.71	29.03
26 09 23 00-0221	EA		1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2) .....	73.33	29.03
26 09 23 00-0222	EA		5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2) .....	78.26	29.03
26 09 23 00-0223	EA		10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2) .....	83.13	29.03
26 09 23 00-0224	EA		15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2) .....	88.95	29.03
26 09 23 00-0225	EA		20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2) .....	94.20	29.03
26 09 23 00-0226	EA		25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2) .....	100.64	29.03
26 09 23 00-0227	EA		50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2) .....	129.76	29.03
26 09 23 00-0228	EA		1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2) .....	866.02	29.03
26 09 23 00-0229	EA		Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2) .....	205.87	29.03
26 09 23 00-0230	EA		1,000' Box, Category 5, Network Cable (Encelium NWC-400-B) .....	1,119.70	29.03
26 09 23 00-0231	EA		Indoor Wired Photo Sensor (Encelium PHS-700) .....	646.94	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0232	EA		Outdoor Wired Photo Sensor (Encelium PHS-800) .....	646.94	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0233	EA		Skylight Wired Photo Sensor (Encelium PHS-900) .....	646.94	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0234	EA		450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450) .....	331.29	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0235	EA		1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500) .....	320.70	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0236	EA		2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00) .....	327.76	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0237	EA		High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY) .....	363.04	58.05
			Note: Excludes GB II cable.		
26 09 23 00-0238	EA		Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG) .....	327.76	58.05
			Note: Excludes GB II cable.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0239 EA 120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV).....	257.23	58.05
Note: Excludes GB II cable.		
26 09 23 00-0240 EA High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPM24V).....	273.35	58.05
Note: Excludes GB II cable.		
26 09 23 00-0241 EA High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V).....	273.35	58.05
Note: Excludes GB II cable.		
26 09 23 00-0242 EA 360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLNS360).....	138.96	58.05
Note: Excludes GB II cable.		
26 09 23 00-0243 EA Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24).....	336.49	58.05
Note: Excludes GB II cable.		
26 09 23 00-0244 EA Hallway, Wired Occupancy Sensor (Encelium HW-13).....	480.29	58.05
Note: Excludes GB II cable.		
26 09 23 00-0245 EA 500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500).....	419.48	58.05
Note: Excludes GB II cable.		
26 09 23 00-0246 EA 1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000).....	447.70	58.05
Note: Excludes GB II cable.		
26 09 23 00-0247 EA 2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000).....	461.82	58.05
Note: Excludes GB II cable.		
26 09 23 00-0248 EA 1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200).....	415.95	58.05
Note: Excludes GB II cable.		
26 09 23 00-0249 EA 120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV).....	345.41	58.05
Note: Excludes GB II cable.		
26 09 23 00-0250 EA 500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W).....	434.65	58.05
Note: Excludes GB II cable.		
26 09 23 00-0251 EA 1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W).....	430.96	58.05
Note: Excludes GB II cable.		
26 09 23 00-0252 EA 2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W).....	479.10	58.05
Note: Excludes GB II cable.		
26 09 23 00-0253 EA 1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W).....	464.30	58.05
Note: Excludes GB II cable.		
26 09 23 00-0254 EA Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24).....	500.46	58.05
Note: Excludes GB II cable.		
26 09 23 00-0255 EA Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV).....	464.44	58.05
Note: Excludes GB II cable.		
26 09 23 00-0256 EA Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT).....	464.44	58.05
Note: Excludes GB II cable.		
26 09 23 00-0257 EA 10 Amperes, 120 Volt, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C).....	301.88	58.05
26 09 23 00-0258 EA 10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C).....	324.05	58.05
26 09 23 00-0259 EA 20 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P).....	575.21	58.05
26 09 23 00-0260 EA 20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P).....	615.92	58.05
26 09 23 00-0261 EA 10 Amperes, 120 Volt, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D).....	451.68	58.05
26 09 23 00-0262 EA 10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D).....	471.36	58.05
26 09 23 00-0263 EA 24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2).....	1,361.04	116.11
Note: Excludes GB II cable and enclosure.		
26 09 23 00-0264 EA 24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V).....	4,234.70	464.40
Note: Excludes GB II cable.		
26 09 23 00-0265 EA 12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V).....	6,218.25	464.40
Note: Excludes GB II cable.		
26 09 23 00-0266 EA 24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V).....	8,201.77	464.40
Note: Excludes GB II cable.		
26 09 23 00-0267 EA Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2).....	680.53	58.05
Note: Excludes GB II cable.		
26 09 23 00-0268 EA Wired DALI Bridge (Encelium EN-DB-1L-GB2).....	781.33	58.05
Note: Excludes GB II cable.		
26 09 23 00-0269 EA Wireless Manager (Encelium EN-WM-ZB-P3D).....	2,131.90	58.05
Note: Includes white finish.		
26 09 23 00-0270 EA Wireless Control Module (Encelium EN-WCM-ZB).....	286.51	29.03
26 09 23 00-0271 EA Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR).....	340.26	29.03
26 09 23 00-0272 EA Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK).....	341.60	29.03
26 09 23 00-0273 EA Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR).....	354.28	29.03
26 09 23 00-0274 EA 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	257.49	14.51
Note: Includes white finish.		
26 09 23 00-0275 EA 3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH).....	257.49	14.51
Note: Includes white finish.		
26 09 23 00-0276 EA 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	257.49	14.51
Note: Includes white finish.		
26 09 23 00-0277 EA 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	257.49	14.51
Note: Includes white finish.		
26 09 23 00-0278 EA 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	257.49	14.51
Note: Includes white finish.		
26 09 23 00-0279 EA Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	266.22	14.51
26 09 23 00-0280 EA 315 MHz, Wireless Photocell (Encelium TAP-17C).....	559.58	58.05
26 09 23 00-0281 EA 450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	344.57	58.05
26 09 23 00-0282 EA 1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	344.57	58.05
26 09 23 00-0283 EA 1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	398.32	58.05
26 09 23 00-0284 EA 450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	398.32	58.05
26 09 23 00-0285 EA 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH).....	257.49	14.51
Note: Includes white finish.		

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0286	EA		3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) ..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0287	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0288	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) ..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0289	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0290	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)..... Note: Includes white finish.	266.22	14.51
26 09 23 00-0291	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	559.58	58.05
26 09 23 00-0292	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH).....	257.49	14.51
26 09 23 00-0293	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH).....	257.49	14.51
26 09 23 00-0294	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH).....	257.49	14.51
26 09 23 00-0295	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	266.22	14.51
26 09 23 00-0296	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	559.58	58.05
26 09 23 00-0297	EA		450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	344.57	58.05
26 09 23 00-0298	EA		1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	344.57	58.05
26 09 23 00-0299	EA		1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	398.32	58.05
26 09 23 00-0300	EA		450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	398.32	58.05
26 09 23 00-0301	EA		2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0302	EA		3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) ..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0303	EA		3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH)..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0304	EA		5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) ..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0305	EA		6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH)..... Note: Includes white finish.	257.49	14.51
26 09 23 00-0306	EA		Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	266.22	14.51
26 09 23 00-0307	EA		315 MHz, Wireless Photocell (Encelium TAP-17C).....	559.58	58.05
26 09 23 00-0308	EA		Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB).....	147.01	58.05
26 09 23 00-0309	EA		Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit).....	736.44	58.05
<b>26 09 23 00-0310</b>			<b>Lighting Control Sensors</b> <small>(26 09 23)</small>		
26 09 23 00-0311	EA		DALIMulti Sensor, 600 SF (Fifthlight FLT-MTS6-DALI).....	393.58	26.12
26 09 23 00-0312	EA		DALIMulti Sensor, 1,200 SF (Fifthlight FLT-MTS12-DALI).....	393.58	26.12
26 09 23 00-0313	EA		Smart Multi-sensor (LG 9SD131VVDA.ALWB000).....	344.05	26.12
26 09 23 00-0314	EA		Zigbee Dongle (LG 9CM2315VD2.AWP01U).....	102.84	17.42
26 09 23 00-0315	EA		Clip for Performance Troffer (LG BKTT015122.BUAAWAA).....	7.87	
26 09 23 00-0316	EA		Clip for Downlight (BKTC015123.BUAAWAA).....	67.34	
26 09 23 00-0317	EA		Clip for Tube (LG BKTTU015121.BUAAWAA).....	11.47	
<b>26 09 23 00-0318</b>			<b>Radio Controlled Devices (Lutron)</b> <small>(26 09 23)</small>		
<b>26 09 23 00-0319</b>			<b>Tabletop Transmitters For Radio Controlled Devices</b> <small>(26 09 23 00-0318)</small>		
<b>26 09 23 00-0320</b>			<b>Switched Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0319)</small>		
26 09 23 00-0321	EA		One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH).....	523.37	17.42
26 09 23 00-0322	EA		Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH).....	681.56	17.42
26 09 23 00-0323	EA		Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH).....	859.52	17.42
<b>26 09 23 00-0324</b>			<b>Dimmable Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0319)</small>		
26 09 23 00-0325	EA		One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH).....	523.37	17.42
26 09 23 00-0326	EA		Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH).....	622.24	17.42
26 09 23 00-0327	EA		Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH).....	859.52	17.42
26 09 23 00-0328	EA		One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH).....	523.37	17.42
26 09 23 00-0329	EA		Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH).....	681.56	17.42
26 09 23 00-0330	EA		Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH).....	859.52	17.42
<b>26 09 23 00-0331</b>			<b>Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0319)</small>		
26 09 23 00-0332	EA		One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH).....	681.56	17.42
26 09 23 00-0333	EA		Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH).....	859.52	17.42
26 09 23 00-0334	EA		One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH).....	859.52	17.42
<b>26 09 23 00-0335</b>			<b>Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter</b> <small>(26 09 23 00-0319)</small>		
26 09 23 00-0336	EA		One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH).....	523.37	17.42



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0337 EA Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH).....	681.56	17.42
26 09 23 00-0338 EA One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH).....	622.24	17.42
26 09 23 00-0339 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH).....	760.65	17.42
26 09 23 00-0340 EA One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH).....	681.56	17.42
26 09 23 00-0341 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH).....	819.97	17.42
26 09 23 00-0342 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH).....	681.56	17.42
<b>26 09 23 00-0343 Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter (26 09 23 00-0319)</b>		
26 09 23 00-0344 EA One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	523.37	17.42
26 09 23 00-0345 EA Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	681.56	17.42
26 09 23 00-0346 EA One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH).....	681.56	17.42
26 09 23 00-0347 EA Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH).....	859.52	17.42
26 09 23 00-0348 EA One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	681.56	17.42
26 09 23 00-0349 EA One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH).....	859.52	17.42
<b>26 09 23 00-0350 Output Switch Closure Controls, Tabletop Wireless Transmitter (26 09 23 00-0319)</b>		
26 09 23 00-0351 EA Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	523.37	17.42
26 09 23 00-0352 EA Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH).....	681.56	17.42
26 09 23 00-0353 EA Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH).....	859.52	17.42
<b>26 09 23 00-0354 Accessories For Tabletop Wireless Transmitter (26 09 23 00-0319)</b>		
26 09 23 00-0355 EA Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH).....	108.12	17.42
<b>26 09 23 00-0356 Wall Box Transmitters For Radio Controlled Devices (26 09 23 00-0318)</b>		
26 09 23 00-0357 EA On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH).....	483.82	17.42
26 09 23 00-0358 EA Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	523.37	17.42
26 09 23 00-0359 EA Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH).....	523.37	17.42
26 09 23 00-0360 EA Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH).....	523.37	17.42
26 09 23 00-0361 EA Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH).....	523.37	17.42
26 09 23 00-0362 EA Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH).....	523.37	17.42
<b>26 09 23 00-0363 Interfaces For Radio Controlled Devices (26 09 23 00-0318)</b>		
26 09 23 00-0364 EA Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	483.82	17.42
26 09 23 00-0365 EA Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	483.82	17.42
26 09 23 00-0366 EA Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000).....	483.82	17.42
26 09 23 00-0367 EA Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8).....	986.07	17.42
26 09 23 00-0368 EA RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232).....	1,413.18	17.42
26 09 23 00-0369 EA Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI).....	1,413.18	17.42
<b>26 09 23 00-0370 Fluorescent Controllers For Radio Controlled Devices (26 09 23 00-0318)</b>		
26 09 23 00-0371 EA On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW).....	622.24	17.42
26 09 23 00-0372 EA Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F).....	701.33	17.42
26 09 23 00-0373 EA Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	819.97	17.42
<b>26 09 23 00-0374 AC Motor Group Controllers For Radio Controlled Devices (26 09 23 00-0318)</b>		
26 09 23 00-0375 EA Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC).....	918.84	17.42
26 09 23 00-0376 EA Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	1,264.88	17.42
<b>26 09 23 00-0377 Removal And Reinstallation Of Occupancy Sensors (26 09 23)</b>		
26 09 23 00-0378 EA Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor.....	78.36	
	Note: Includes storing and cleaning.	
26 09 23 00-0379 EA Removal And Reinstallation Of Wall Mounted Occupancy Sensor.....	52.25	
	Note: Includes storing and cleaning.	





MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 09 23 00-0380		<b>Occupancy Sensors (Watt Stopper)</b> <small>(26 09 23)</small> Note: Includes testing of new devices and certification.			
26 09 23 00-0381		<b>Occupancy Sensors</b> <small>(26 09 23 00-0380)</small> Note: Exclude boxes.			
26 09 23 00-0382		<b>Wall Switch Mounted Occupancy Sensors</b> <small>(26 09 23 00-0381)</small>			
26 09 23 00-0383		<b>Ultrasonic, Wall Switch Mounted Occupancy Sensors</b> <small>(26 09 23 00-0382)</small>			
26 09 23 00-0384	EA	Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100).....	136.15		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0385	EA	Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200).....	161.16		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0386		<b>Passive Infrared, Wall Switch Mounted Occupancy Sensors</b> <small>(26 09 23 00-0382)</small>			
26 09 23 00-0387	EA	Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100).....	111.97		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0388	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS).....	104.39		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0389	EA	Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100).....	118.54		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0390	EA	Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200).....	137.66		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0391	EA	Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD).....	136.09		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0392		<b>Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors</b> <small>(26 09 23 00-0382)</small>			
26 09 23 00-0393	EA	Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100).....	199.24		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0394	EA	Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200).....	215.06		11.61
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97		
26 09 23 00-0395		<b>Wall Switch Mounted Occupancy Sensor Accessories</b> <small>(26 09 23 00-0382)</small>			
26 09 23 00-0396	EA	Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP).....	7.31		2.90
26 09 23 00-0397	EA	One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP).....	8.57		2.90
26 09 23 00-0398	EA	Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP).....	8.57		2.90
26 09 23 00-0399		<b>Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0381)</small>			
26 09 23 00-0400		<b>Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0399)</small>			
26 09 23 00-0401		<b>25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0400)</small>			
26 09 23 00-0402	EA	500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A).....	177.44		26.12
26 09 23 00-0403	EA	1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A).....	204.64		26.12
26 09 23 00-0404	EA	2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A).....	232.04		26.12
26 09 23 00-0405	EA	90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H).....	229.57		26.12
26 09 23 00-0406		<b>32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0400)</small>			
26 09 23 00-0407	EA	600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605).....	193.54		26.12
26 09 23 00-0408	EA	1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105).....	221.13		26.12
26 09 23 00-0409	EA	2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205).....	247.25		26.12
26 09 23 00-0410	EA	90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255).....	251.68		26.12
26 09 23 00-0411	EA	600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600).....	210.03		26.12
26 09 23 00-0412	EA	1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100).....	238.30		26.12
26 09 23 00-0413	EA	2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200).....	266.47		26.12
26 09 23 00-0414	EA	90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250).....	274.58		26.12
26 09 23 00-0415		<b>40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0400)</small>			
26 09 23 00-0416	EA	500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1).....	201.51		26.12
26 09 23 00-0417	EA	1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2).....	234.47		26.12
26 09 23 00-0418	EA	2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3).....	262.06		26.12
26 09 23 00-0419	EA	500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1).....	189.36		26.12
26 09 23 00-0420	EA	1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	230.91		26.12





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0421 EA 2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	244.36	26.12
26 09 23 00-0422 EA 500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	203.22	26.12
26 09 23 00-0423 EA 1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	227.14	26.12
26 09 23 00-0424 EA 2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	256.67	26.12
<b>26 09 23 00-0425 Passive Infrared, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0399)</small>		
26 09 23 00-0426 EA 30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	145.69	26.12
26 09 23 00-0427 EA HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	148.90	26.12
26 09 23 00-0428 EA Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	156.51	26.12
26 09 23 00-0429 EA Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	176.92	26.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0430 EA Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	179.40	26.12
26 09 23 00-0431 EA Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200).....	190.08	26.12
26 09 23 00-0432 EA Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300).....	207.18	26.12
<b>26 09 23 00-0433 Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors</b> <small>(26 09 23 00-0399)</small>		
26 09 23 00-0434 EA 1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355).....	247.02	26.12
26 09 23 00-0435 EA 1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300).....	283.19	26.12
26 09 23 00-0436 EA 1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305).....	239.34	26.12
<b>26 09 23 00-0437 Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0381)</small>		
<b>26 09 23 00-0438 Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0437)</small>		
26 09 23 00-0439 EA 120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3).....	304.87	26.12
26 09 23 00-0440 EA 2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100).....	304.87	26.12
<b>26 09 23 00-0441 Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors</b> <small>(26 09 23 00-0437)</small>		
26 09 23 00-0442 EA 2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200).....	283.19	26.12
<b>26 09 23 00-0443 Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0380)</small>		
<b>26 09 23 00-0444 Single Voltage, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0445 EA 220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P).....	97.01	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0446 EA 347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P).....	87.83	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0447 Auxiliary, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0448 EA 120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P).....	80.26	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0449 Universal Voltage, Power Packs For Occupancy Sensors</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0450 EA 120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100).....	107.96	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0451 Form C, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0452 EA 120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P).....	97.43	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0453 EA 277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P).....	97.51	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0454 Two Relay, Occupancy Sensor Power Packs</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0455 EA 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P).....	124.06	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0456 EA 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P).....	125.88	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0457 Occupancy Sensor Power Supplies</b> <small>(26 09 23 00-0443)</small>		
26 09 23 00-0458 EA 120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150).....	113.63	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0459 EA 277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.68 13.93	23.22
<b>26 09 23 00-0460 Intelligent, Occupancy Sensor Power Packs</b> (26 09 23 00-0443)		
26 09 23 00-0461 EA 120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100).....	344.07	23.22
<b>26 09 23 00-0462 DIN Rail Mounted, Occupancy Sensor Power Packs</b> (26 09 23 00-0443)		
26 09 23 00-0463 EA 120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100).....	106.92	23.22
<b>26 09 23 00-0464 Occupancy Sensor Accessories</b> (26 09 23 00-0380)		
<b>26 09 23 00-0465 Protective Cages For Occupancy Sensors</b> (26 09 23 00-0464)		
26 09 23 00-0466 EA Protective Cage For Occupancy Sensors (Watt Stopper WC).....	62.53	8.70
<b>26 09 23 00-0467 Mounting Brackets For Occupancy Sensors</b> (26 09 23 00-0464)		
26 09 23 00-0468 EA Mounting Bracket For Occupancy Sensor (Watt Stopper MB)..... Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	47.05	14.51
<b>26 09 23 00-0469 Occupancy/Lighting Logger</b> (26 09 23 00-0464)		
Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0470 EA Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200).....	467.85	49.35
<b>26 09 23 00-0471 Digital Time Light Switches</b> (26 09 23 00-0380)		
26 09 23 00-0472 EA Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400).....	100.81	11.61
<b>26 09 23 00-0473 Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor</b> (26 09 23 00-0380)		
26 09 23 00-0474 EA Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211).....	218.71	37.73
<b>26 09 23 00-0475 Occupancy Sensors (Sensor Switch)</b> (26 09 23)		
Note: Includes testing of new devices and certification.		
<b>26 09 23 00-0476 Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0475)		
Note: Exclude boxes		
<b>26 09 23 00-0477 Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0476)		
<b>26 09 23 00-0478 Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0477)		
26 09 23 00-0479 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	220.96 14.98 17.98	11.61
26 09 23 00-0480 EA Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.04 6.97	11.61
26 09 23 00-0481 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.79 14.98 17.98 6.97	11.61
26 09 23 00-0482 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.79 14.98 17.98 6.97	11.61
26 09 23 00-0483 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	188.00 14.98 17.98 6.97	11.61
26 09 23 00-0484 EA Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	188.00 14.98 17.98	11.61
26 09 23 00-0485 EA 2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	229.21 14.98 17.98	11.61
26 09 23 00-0486 EA Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	188.00 14.98 17.98	11.61
<b>26 09 23 00-0487 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0477)		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0488 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	286.87 14.98 17.98	11.61



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0489 EA Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL) .....	220.96	11.61
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.97	
26 09 23 00-0490 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT) .....	216.03	11.61
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.97	
26 09 23 00-0491 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA) .....	216.03	11.61
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.97	
26 09 23 00-0492 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P) .....	253.91	11.61
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.97	
26 09 23 00-0493 EA Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT) .....	253.91	11.61
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
26 09 23 00-0494 EA 2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P) .....	273.69	11.61
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
<b>26 09 23 00-0495 Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) (26 09 23 00-0477)</b>		
26 09 23 00-0496 EA One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX) .....	18.98	2.90
26 09 23 00-0497 EA One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX) .....	18.98	2.90
26 09 23 00-0498 EA Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3) .....	38.76	2.90
26 09 23 00-0499 EA Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3) .....	38.76	2.90
<b>26 09 23 00-0500 360 Degree View Occupancy Sensors (Sensor Switch) (26 09 23 00-0476)</b>		
<b>26 09 23 00-0501 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) (26 09 23 00-0500)</b>		
Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0502 EA Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9) .....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
26 09 23 00-0503 EA Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9) .....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
26 09 23 00-0504 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9) .....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
26 09 23 00-0505 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9) .....	266.46	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0506 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9) .....	266.46	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0507 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9) .....	213.73	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Occupancy Controlled Dimming Option, Add	29.96	
For Photocell Option With Dimming Capability, Add	44.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0508 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P) .....	332.38	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell (Inhibit Mode Only) Option, Add	17.98	
For Photocell Option With Dual Zone On/Off, Add	44.94	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION  
UNIT COST UNIT COST

26 09 23 00-0509	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	332.38	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0510	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	279.65	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0511	EA	Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10).....	249.99	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Low Voltage Relay Option, Add</i>	17.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0512	EA	Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10).....	249.99	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Low Voltage Relay Option, Add</i>	17.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0513	EA	Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10).....	249.99	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Low Voltage Relay Option, Add</i>	17.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0514	EA	Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10).....	266.46	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0515	EA	Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10).....	266.46	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0516	EA	Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10).....	213.73	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0517	EA	2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P).....	332.38	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0518	EA	2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P).....	332.38	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0519	EA	2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P).....	279.65	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0520		Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch) <sup>(26 09 23 00-0500)</sup> Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0521	EA	Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9).....	315.90	26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98	
		<i>For Low Voltage Relay Option, Add</i>	17.98	
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0522 EA Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9) .....	315.90	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Low Voltage Relay Option, Add</i>	17.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0523 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9) .....	315.90	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Low Voltage Relay Option, Add</i>	17.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0524 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9) .....	299.42	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0525 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9) .....	299.42	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0526 EA Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9) .....	246.69	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0527 EA 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P) .....	365.33	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0528 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P) .....	365.33	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0529 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P) .....	312.60	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0530 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10) .....	315.90	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Low Voltage Relay Option, Add</i>	17.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0531 EA Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10) .....	315.90	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Low Voltage Relay Option, Add</i>	17.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0532 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10) .....	315.90	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Low Voltage Relay Option, Add</i>	17.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
26 09 23 00-0533 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10) .....	299.42	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Photocell Option With Dimming Capability, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	



**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 09 23 00-0534	EA	Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	299.42		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96		
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0535	EA	Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10).....	246.69		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Occupancy Controlled Dimming Option, Add</i>	29.96		
		<i>For Photocell Option With Dimming Capability, Add</i>	44.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0536	EA	2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	365.33		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0537	EA	2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	365.33		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0538	EA	2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	312.60		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Photocell Option With Dual Zone On/Off, Add</i>	44.94		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0539		<b>Wide View And Hallway Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0476)			
26 09 23 00-0540		<b>Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0539)			
26 09 23 00-0541	EA	Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16).....	249.99		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Low Voltage Relay Option, Add</i>	17.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
26 09 23 00-0542	EA	Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	282.94		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Low Voltage Relay Option, Add</i>	17.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
26 09 23 00-0543	EA	Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	348.85		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Ceiling Mount, Add</i>	29.96		
26 09 23 00-0544	EA	Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	332.38		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0545	EA	2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	398.29		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0546		<b>Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch)</b> (26 09 23 00-0539)			
		Note: Includes passive infrared and microphonics detection			
26 09 23 00-0547	EA	Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16).....	315.90		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Low Voltage Relay Option, Add</i>	17.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
26 09 23 00-0548	EA	Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16).....	365.33		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		
26 09 23 00-0549	EA	2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	431.24		26.12
		<i>For Low Temp/High Humidity Option, Add</i>	14.98		
		<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.98		
		<i>For Ceiling Mount, Add</i>	29.96		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0550 High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0476)</small>		
26 09 23 00-0551 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0550)</small>		
26 09 23 00-0552 EA Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6).....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
26 09 23 00-0553 EA Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
26 09 23 00-0554 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6).....	249.99	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Low Voltage Relay Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
26 09 23 00-0555 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6).....	213.73	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Start To High, HID Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0556 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6).....	213.73	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Start To High, HID Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0557 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6).....	213.73	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Start To High, HID Option, Add	17.98	
For Photocell Option, Add	29.96	
For Occupancy Controlled Dimming Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0558 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P).....	279.65	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0559 EA 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P).....	279.65	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0560 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P).....	279.65	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0561 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208).....	236.80	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0562 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208).....	236.80	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0563 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208).....	236.80	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0564 EA 480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480).....	236.80	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	
26 09 23 00-0565 EA 480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480).....	236.80	26.12
For Low Temp/High Humidity Option, Add	14.98	
For Photocell Option, Add	29.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.68	

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0566	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480).....	236.80	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0567	EA		Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50).....	282.94	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Low Voltage Relay Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
26 09 23 00-0568	EA		Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50).....	282.94	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Low Voltage Relay Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
26 09 23 00-0569	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50).....	282.94	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Low Voltage Relay Option, Add</i>	17.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
26 09 23 00-0570	EA		Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50).....	345.56	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Start To High, HID Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0571	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50).....	345.56	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Start To High, HID Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0572	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50).....	345.56	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Start To High, HID Option, Add</i>	17.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0573	EA		2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P).....	302.72	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0574	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P).....	302.72	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0575	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208).....	253.28	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0576	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208).....	253.28	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0577	EA		480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480).....	253.28	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0578	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480).....	253.28	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Photozell Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0579	EA		Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10).....	282.94	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Low Voltage Relay Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
26 09 23 00-0580	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10).....	282.94	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Low Voltage Relay Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
26 09 23 00-0581	EA		Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10).....	345.56	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Start To High, HID Option, Add</i>	17.98	
			<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0582 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10) .....	345.56	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Start To High, HID Option, Add</i>	17.98	
<i>For Occupancy Controlled Dimming Option, Add</i>	29.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0583 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P) .....	332.38	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0584 EA 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480) .....	299.42	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0585 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208) .....	299.42	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
<b>26 09 23 00-0586 Occupancy Sensor Power Packs (Sensor Switch) <small>(26 09 23 00-0475)</small></b>		
26 09 23 00-0587 EA Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20) .....	138.72	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0588 EA 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P) .....	204.63	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0589 EA Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20) .....	105.76	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0590 EA 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20) .....	95.87	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0591 EA 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20) .....	128.83	23.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0592 EA 120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH) .....	211.22	23.22
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0593 EA 120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR) .....	211.22	23.22
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
26 09 23 00-0594 EA 120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM) .....	211.22	23.22
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.93	
<b>26 09 23 00-0595 Daylighting Control (Sensor Switch) <small>(26 09 23 00-0475)</small></b>		
26 09 23 00-0596 EA Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0597 EA Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0598 EA Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0599 EA Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For 480 Volt AC Option, Add</i>	20.97	
<i>For Dual Zone Option, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0600 EA Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For 480 Volt AC Option, Add</i>	20.97	
<i>For Dual Zone Option, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0601 EA Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For 480 Volt AC Option, Add</i>	20.97	
<i>For Dual Zone Option, Add</i>	44.94	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0602 EA Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0603 EA Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0604 EA Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC) .....	217.03	26.12
<i>For Low Temp/High Humidity Option, Add</i>	14.98	
<i>For Dual Zone Option, Add</i>	44.94	



**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0605	EA		Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	217.03	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0606	EA		Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	217.03	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0607	EA		Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	217.03	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0608	EA		Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0609	EA		Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0610	EA		Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
26 09 23 00-0611	EA		Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0612	EA		Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0613	EA		Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	315.90	26.12
			<i>For Low Temp/High Humidity Option, Add</i>	14.98	
			<i>For Dual Zone Option, Add</i>	44.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.68	
26 09 23 00-0614			<b>Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23) Note: Includes testing of new devices and certification.		
26 09 23 00-0615			<b>Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0614) Note: Excludes boxes.		
26 09 23 00-0616			<b>Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0615)		
26 09 23 00-0617			<b>Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0616) Note: Includes passive infrared and microphonics detection		
26 09 23 00-0618	EA		Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX).....	344.98	11.61
26 09 23 00-0619			<b>360 Degree View Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0615)		
26 09 23 00-0620			<b>Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0619) Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0621	EA		Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9).....	405.82	26.12
26 09 23 00-0622	EA		Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10).....	405.82	26.12
26 09 23 00-0623	EA		Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC).....	405.82	26.12
26 09 23 00-0624			<b>Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0619) Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0625	EA		Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9).....	476.54	26.12
26 09 23 00-0626	EA		Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10).....	476.54	26.12
26 09 23 00-0627	EA		2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P).....	494.19	26.12
26 09 23 00-0628			<b>Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0615)		
26 09 23 00-0629			<b>Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®)</b> (26 09 23 00-0628) Note: Includes passive infrared and microphonics detection		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0630 EA Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16) .....	476.54	26.12
<b>26 09 23 00-0631 High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0615)</b>		
<b>26 09 23 00-0632 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0631)</b>		
26 09 23 00-0633 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6) .....	405.82	26.12
<b>26 09 23 00-0634 Occupancy Sensor Power Packs (Sensor Switch nLight®) (26 09 23 00-0614)</b>		
26 09 23 00-0635 EA 150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	134.83	23.22
26 09 23 00-0636 EA 250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	170.22	23.22
26 09 23 00-0637 EA 30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO).....	230.30	23.22
26 09 23 00-0638 EA System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16) .....	230.30	23.22
<b>26 09 23 00-0639 Occupancy Sensor Accessories (Sensor Switch nLight®) (26 09 23 00-0614)</b>		
26 09 23 00-0640 EA RS232 AV Integrator (Sensor Switch nLight® nIO X).....	494.19	26.12
26 09 23 00-0641 EA 8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT) .....	396.76	26.12
<b>26 09 23 00-0642 Daylighting Controls (Sensor Switch nLight®) (26 09 23 00-0614)</b>		
26 09 23 00-0643 EA Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC) .....	335.11	26.12
<b>26 09 23 00-0644 Controls (Sensor Switch nLight®) (26 09 23 00-0614)</b>		
26 09 23 00-0645 EA On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	218.43	26.12
26 09 23 00-0646 EA 1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB).....	317.46	26.12
26 09 23 00-0647 EA On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM).....	741.72	26.12
26 09 23 00-0648 EA 3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX) .....	741.72	26.12
26 09 23 00-0649 EA 3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	2,792.43	26.12
<b>26 09 23 00-0650 Occupancy Sensors (Lutron) (26 09 23)</b>		
Note: Includes testing of new devices and certification.		
<b>26 09 23 00-0651 Wireless Occupancy Sensors (26 09 23 00-0650)</b>		
26 09 23 00-0652 EA Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH) .....	161.04	26.12
26 09 23 00-0653 EA Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH) .....	168.35	26.12
26 09 23 00-0654 EA Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH) .....	162.77	26.12
26 09 23 00-0655 EA Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	172.44	26.12
26 09 23 00-0656 EA Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH) .....	164.94	26.12
26 09 23 00-0657 EA Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH) .....	172.44	26.12
26 09 23 00-0658 EA Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH) .....	161.04	26.12
26 09 23 00-0659 EA Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	164.94	26.12
26 09 23 00-0660 EA Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V).....	162.77	26.12
26 09 23 00-0661 EA Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH) .....	253.81	26.12
26 09 23 00-0662 EA Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	271.15	26.12
26 09 23 00-0663 EA Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH) .....	310.16	26.12
26 09 23 00-0664 EA Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	327.50	26.12
26 09 23 00-0665 EA Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH) .....	336.17	26.12
26 09 23 00-0666 EA Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	353.51	26.12
26 09 23 00-0667 EA Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH) .....	199.19	26.12
26 09 23 00-0668 EA Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH) .....	210.46	26.12
26 09 23 00-0669 EA Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH).....	247.30	26.12
26 09 23 00-0670 EA Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH) .....	275.48	26.12
26 09 23 00-0671 EA Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH) .....	297.16	26.12
26 09 23 00-0672 EA Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH) .....	255.97	26.12
26 09 23 00-0673 EA Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH).....	234.93	26.12
26 09 23 00-0674 EA Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH) .....	195.75	26.12
26 09 23 00-0675 EA Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH) .....	241.95	26.12

**26 Electrical****26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0676	EA		Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C).....	294.71	26.12
26 09 23 00-0677	EA		Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H).....	313.06	26.12
26 09 23 00-0678	EA		Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K).....	313.06	26.12
26 09 23 00-0679	EA		Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W).....	313.06	26.12
26 09 23 00-0680	EA		Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V).....	329.89	26.12
26 09 23 00-0681	EA		Wireless, Two Switches and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W).....	535.90	37.73
<b>26 09 23 00-0682</b>			<b>Nodes And Modules</b> <small>(26 09 23 00-0650)</small>		
26 09 23 00-0683	EA		0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C).....	264.64	26.12
26 09 23 00-0684	EA		0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J).....	264.64	26.12
26 09 23 00-0685	EA		4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C).....	336.17	26.12
26 09 23 00-0686	EA		4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J).....	336.17	26.12
26 09 23 00-0687	EA		120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PPHM-3F-120-WH).....	430.84	29.03
26 09 23 00-0688	EA		120 Volt, Gang Box Mount, Switching Power Module (Lutron® PPHM-SW-DV-WH).....	430.84	29.03
26 09 23 00-0689	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PPHM-PA-120-WH).....	524.04	29.03
26 09 23 00-0690	EA		120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PPHM-WBX-120-WH).....	537.05	29.03
26 09 23 00-0691	EA		120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PPHM-3F-DV-WH).....	664.93	29.03
26 09 23 00-0692	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PPHM-PA-DV-WH).....	706.12	29.03
26 09 23 00-0693	EA		120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PPHM-WBX-DV-WH).....	747.30	29.03
26 09 23 00-0694	EA		1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2).....	2,027.39	46.44
26 09 23 00-0695	EA		2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4).....	1,990.23	52.25
26 09 23 00-0696	EA		3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6).....	2,923.04	58.05
<b>26 09 23 00-0697</b>			<b>Other Accessories</b> <small>(26 09 23 00-0650)</small>		
26 09 23 00-0698	EA		Pico® Wireless Control Wallplate Adapter (Lutron® PJ).....	40.04	
26 09 23 00-0699	EA		Pico® Wireless Control (Lutron® PJ).....	55.00	
26 09 23 00-0700	EA		4-Scene Wireless Remote Control (Lutron® GRX-IT-WH).....	163.31	
26 09 23 00-0701	EA		8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH).....	312.87	
26 09 23 00-0702	EA		4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL).....	323.67	26.12
26 09 23 00-0703	EA		seeTouch® QS Wallstation (Lutron® QSWS2).....	411.52	26.12
26 09 23 00-0704	EA		seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2).....	411.52	26.12
26 09 23 00-0705	EA		120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S).....	677.94	29.03
26 09 23 00-0706	EA		120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S).....	931.54	29.03
26 09 23 00-0707	EA		Control Interface (Lutron® QSE-CI-NWK-E).....	1,122.98	26.12
26 09 23 00-0708	EA		1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S).....	1,114.33	26.12
26 09 23 00-0709	EA		2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S).....	1,493.65	26.12
26 09 23 00-0710	MLF		5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S).....	2,272.88	811.33
26 09 23 00-0711	MLF		5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S).....	3,139.89	811.33
<b>26 09 23 00-0712</b>			<b>Fixture Mounted Occupancy Sensors (Leviton)</b> <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.					
26 09 23 00-0713	EA		120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW).....	154.10	26.12
26 09 23 00-0714	EA		480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W).....	134.16	26.12
26 09 23 00-0715	EA		120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW).....	170.57	26.12
26 09 23 00-0716	EA		480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W).....	134.16	26.12
26 09 23 00-0717	EA		120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT).....	229.83	11.59
<b>26 09 23 00-0718</b>			<b>Wireless Enabled Communication Devices For Streetlights</b> <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.					
<b>26 09 23 00-0719</b>			<b>Wireless Enabled Communication Nodes For Streetlights (Roam®)</b> <small>(26 09 23 00-0718)</small>		
26 09 23 00-0720	EA		120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1).....	350.49	
26 09 23 00-0721	EA		480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1).....	491.91	
<b>26 09 23 00-0722</b>			<b>Wireless Enabled Communication Devices For Streetlights (Roam®)</b> <small>(26 09 23 00-0718)</small>		
26 09 23 00-0723	EA		Retrofit Receptacle Kit (Roam® DUR103).....	57.04	
Note: For adapting light fixtures for use with a NEMA locking type photocontrol.					
26 09 23 00-0724	EA		Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127).....	14,271.88	64.52
<b>26 09 23 00-0725</b>			<b>Counter Mounted Consoles</b> <small>(26 09 23)</small>		
26 09 23 00-0726	EA		20" x 24" Type 12, Oil Tight Consoles, Counter Mounted (Schaefer's SPCL-20C24).....	667.61	144.87
<b>26 09 23 00-0727</b>			<b>Lighting Console And Stations</b> <small>(26 09 23)</small>		
26 09 23 00-0728	EA		80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40).....	5,012.59	144.87
For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add				109.21	
For Lighting Console Case (ETC ColorSourcePart 11866), Add				1,164.46	
26 09 23 00-0729	EA		10 Preset, Lighting Control Station (Doug Fleenor PRE10-A2).....	3,464.93	86.93



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0730				<b>Theatre Lighting Console</b> <small>(26 09 23)</small>		
	26 09 23 00-0731	EA		Theatre Lighting Console (ETC Colorsource 20).....	3,585.11	173.85
26 09 23 00-0732				<b>Emergency Lighting Controls</b> <small>(26 09 23)</small>		
26 09 23 00-0733				<b>Emergency Lighting Control Units (Watt Stopper ELCU)</b> <small>(26 09 23 00-0732)</small>		
				Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.		
	26 09 23 00-0734	EA		DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100).....	232.31	29.03
	26 09 23 00-0735	EA		1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200).....	232.31	29.03
26 09 23 00-0736				<b>Emergency Shunt Relays (Lighting Control &amp; Design GR 2001™)</b> <small>(26 09 23 00-0732)</small>		
				Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.		
	26 09 23 00-0737	EA		1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	400.67	40.63
	26 09 23 00-0738	EA		2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	549.01	46.44
	26 09 23 00-0739	EA		2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual).....	743.27	52.25
				Note: Controls normal and emergency lighting from single-pole wall switch.		
26 09 23 00-0740				<b>Photocells</b> <small>(26 09 23)</small>		
	26 09 23 00-0741	EA		Plug-In Photocell For Lighting Fixtures (Intermac® LC2000).....	93.79	
	26 09 23 00-0742	EA		Wired Photocell For Lighting Fixtures (Intermac® K4021C).....	208.12	
26 09 23 00-0743				<b>Outdoor Lighting Motion Sensors</b> <small>(26 09 23)</small>		
	26 09 23 00-0744	EA		70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000).....	126.67	29.03
	26 09 23 00-0745	EA		70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000).....	139.11	29.03
	26 09 23 00-0746	EA		30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR).....	601.02	29.03
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>17.42</i>	
26 09 23 00-0747				<b>Street Light Controls</b> <small>(26 09 23)</small>		
26 09 23 00-0748				<b>Photo Controls</b> <small>(26 09 23 00-0747)</small>		
	26 09 23 00-0749	EA		Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014.....	87.12	
	26 09 23 00-0750	EA		Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016.....	97.86	
26 09 23 00-0751				<b>Connector Node</b> <small>(26 09 23 00-0747)</small>		
	26 09 23 00-0752	EA		Outdoor Lighting Connector Node (Philips City Touch LLC7260).....	544.61	3.65
<b>26 10 Medium-Voltage Electrical Distribution</b> <small>(26)</small>						
<b>26 11 Substations</b> <small>(26 10)</small>						
<b>26 11 13 Primary Unit Substations</b> <small>(26 11)</small>						
26 11 13 00-0001				"Switchyard" Substation Primary Incoming Section <small>(26 11 13)</small>		
26 11 13 00-0002				<b>Outdoor Oil Circuit Breakers "Switchyard"</b> <small>(26 11 13 00-0001)</small>		
				Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment		
	26 11 13 00-0003	EA		14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	76,852.89	2,019.98
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,232.78</i>	
	26 11 13 00-0004	EA		23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	94,247.54	2,554.67
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,540.97</i>	
	26 11 13 00-0005	EA		34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	106,977.66	2,554.67
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,540.97</i>	
	26 11 13 00-0006	EA		46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	123,142.68	2,554.67
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,643.70</i>	
	26 11 13 00-0007	EA		69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	139,674.11	3,148.78
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>1,896.59</i>	
26 11 13 00-0008				<b>Accessories For Outdoor Oil Circuit Breakers</b> <small>(26 11 13 00-0001)</small>		
	26 11 13 00-0009	EA		Reclosure Relay, Adjustable, 3 Shot, #179.....	2,010.67	211.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>125.40</i>	
	26 11 13 00-0010	EA		Overcurrent Relay, 1 Phase, #51/51N.....	591.19	153.54
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>83.63</i>	

**26 Electrical****26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0011	EA		Directional Overcurrent Relay, Three-Phase, Device No. 67 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	907.87 104.21	153.54
26 11 13 00-0012	EA		Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	716.77 83.63	153.54
26 11 13 00-0013	EA		Differential Relay Package, Complete, Device No. 87 ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,680.89 313.29	518.85
26 11 13 00-0014			<b>"Switchyard", Substation Transformer Section</b> <small>(26 11 13)</small> Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015			<b>14.4 KV Nominal Primary</b> <small>(26 11 13 00-0014)</small>		
26 11 13 00-0016	EA		1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For Forced Air-Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	43,733.41 4,754.90 4,754.90 1,188.72 396.24 1,981.21 4,953.02 5,943.62	2,019.98
26 11 13 00-0017	EA		2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For Forced Air-Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	49,870.56 5,368.08 5,368.08 1,342.02 447.34 2,236.70 5,591.75 6,710.10	2,530.91
26 11 13 00-0018	EA		5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For Forced Air-Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	76,913.62 8,352.99 8,352.99 2,088.25 696.08 3,480.41 8,701.03 10,441.24	3,564.66
26 11 13 00-0019	EA		7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For Forced Air-Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	111,940.75 12,317.17 12,317.17 3,079.29 1,026.43 5,132.15 12,830.38 15,396.46	4,310.75
26 11 13 00-0020	EA		10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For Forced Air-Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i>	137,861.37 15,148.71 15,148.71 3,787.18 1,262.39 6,311.96 15,779.91 18,935.89	5,578.62
26 11 13 00-0021			<b>23 KV Nominal Primary</b> <small>(26 11 13 00-0014)</small>		
26 11 13 00-0022	EA		1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air-Cooling, Add</i>	48,724.12 5,230.51 1,307.63 435.88 2,179.38 5,448.44 6,538.13 3,487.00	2,732.91
26 11 13 00-0023	EA		2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air-Cooling, Add</i>	55,525.39 5,918.73 1,479.68 493.23 2,466.14 6,165.34 7,398.41 3,945.82	2,732.91
26 11 13 00-0024	EA		5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled ..... <i>For 50 Hz Operation, Add</i> <i>For External Control Panel, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Forced Air-Cooling, Add</i>	89,624.88 9,768.76 2,442.19 814.06 4,070.32 10,175.79 12,210.95 6,512.51	4,039.95





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0025 EA 7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	120,164.26	5,578.62
For 50 Hz Operation, Add	13,025.06	
For External Control Panel, Add	3,256.26	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,085.42	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	5,427.11	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	13,567.77	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	16,281.32	
For Forced Air-Cooling, Add	8,683.37	
26 11 13 00-0026 EA 10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	149,659.47	5,578.62
For 50 Hz Operation, Add	16,564.48	
For External Control Panel, Add	4,141.12	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,380.37	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	6,901.87	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	17,254.67	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	20,705.60	
For Forced Air-Cooling, Add	11,042.99	
<b>26 11 13 00-0027 34.5 KV Nominal Primary</b> <small>(26 11 13 00-0014)</small>		
26 11 13 00-0028 EA 1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	61,260.57	3,267.60
For 50 Hz Operation, Add	6,606.95	
For External Control Panel, Add	1,651.74	
For Internally Mounted Current Transformers And Linear Couplers, Add	550.58	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,752.90	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	6,882.24	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	8,258.69	
For Forced Air-Cooling, Add	4,404.63	
26 11 13 00-0029 EA 2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	73,999.65	5,109.34
For 50 Hz Operation, Add	7,983.39	
For External Control Panel, Add	1,995.85	
For Internally Mounted Current Transformers And Linear Couplers, Add	665.28	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,326.41	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	8,316.03	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	9,979.24	
For Forced Air-Cooling, Add	5,322.26	
26 11 13 00-0030 EA 5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	102,298.40	5,109.34
For 50 Hz Operation, Add	11,043.03	
For External Control Panel, Add	2,760.76	
For Internally Mounted Current Transformers And Linear Couplers, Add	920.25	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,601.26	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	11,503.16	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	13,803.79	
For Forced Air-Cooling, Add	7,362.02	
26 11 13 00-0031 EA 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	131,962.27	5,451.83
For 50 Hz Operation, Add	14,440.82	
For External Control Panel, Add	3,610.20	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,203.40	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	6,017.01	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	15,042.52	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	18,051.02	
For Forced Air-Cooling, Add	9,627.21	
26 11 13 00-0032 EA 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	229,601.17	6,973.27
For 50 Hz Operation, Add	25,766.98	
For External Control Panel, Add	6,441.75	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,147.25	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	10,736.24	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	26,840.61	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	32,208.73	
For Forced Air-Cooling, Add	17,177.99	
<b>26 11 13 00-0033 46 KV Nominal Primary</b> <small>(26 11 13 00-0014)</small>		
26 11 13 00-0034 EA 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	94,569.63	3,802.30
For 50 Hz Operation, Add	10,451.79	
For External Control Panel, Add	2,612.95	
For Internally Mounted Current Transformers And Linear Couplers, Add	870.98	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,354.91	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	10,887.28	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	13,064.74	
For Forced Air-Cooling, Add	6,967.86	
26 11 13 00-0035 EA 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	106,963.16	3,802.30
For 50 Hz Operation, Add	11,849.36	
For External Control Panel, Add	2,962.34	
For Internally Mounted Current Transformers And Linear Couplers, Add	987.45	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,937.23	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	12,343.08	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	14,811.69	
For Forced Air-Cooling, Add	7,899.57	
26 11 13 00-0036 EA 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	148,511.48	5,109.34
For 50 Hz Operation, Add	16,588.60	
For External Control Panel, Add	4,147.15	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,382.38	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	6,911.92	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	17,279.79	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	20,735.75	
For Forced Air-Cooling, Add	11,059.07	



<b>26</b>	<b>Electrical</b>
<b>26 10</b>	<b>Medium-Voltage Electrical Distribution</b>
<b>26 11</b>	<b>Substations</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0037 EA 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	180,985.87	6,973.27
For 50 Hz Operation, Add	19,933.15	
For External Control Panel, Add	4,983.29	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,661.10	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	8,305.48	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	20,763.69	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	24,916.43	
For Forced Air-Cooling, Add	13,288.76	
26 11 13 00-0038 EA 10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	259,169.45	6,973.27
For 50 Hz Operation, Add	29,315.18	
For External Control Panel, Add	7,328.79	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,442.93	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	12,214.66	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	30,536.64	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	36,643.97	
For Forced Air-Cooling, Add	19,543.45	
<b>26 11 13 00-0039 69 KV Nominal Primary (26 11 13 00-0014)</b>		
26 11 13 00-0040 EA 1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	136,910.98	4,039.95
For 50 Hz Operation, Add	15,443.09	
For External Control Panel, Add	3,860.77	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,286.92	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	6,434.62	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	16,086.56	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	19,303.87	
For Forced Air-Cooling, Add	10,295.40	
26 11 13 00-0041 EA 2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	156,991.03	5,109.34
For 50 Hz Operation, Add	17,606.14	
For External Control Panel, Add	4,401.54	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,467.18	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	7,335.89	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	18,339.73	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	22,007.68	
For Forced Air-Cooling, Add	11,737.43	
26 11 13 00-0042 EA 5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	216,932.80	5,109.34
For 50 Hz Operation, Add	24,799.16	
For External Control Panel, Add	6,199.79	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,066.60	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	10,332.98	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	25,832.46	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	30,998.95	
For Forced Air-Cooling, Add	16,532.77	
26 11 13 00-0043 EA 7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	228,743.29	6,973.27
For 50 Hz Operation, Add	25,664.04	
For External Control Panel, Add	6,416.01	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,138.67	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	10,693.35	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	26,733.37	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	32,080.05	
For Forced Air-Cooling, Add	17,109.36	
26 11 13 00-0044 EA 10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled .....	300,940.43	6,973.27
For 50 Hz Operation, Add	34,327.69	
For External Control Panel, Add	8,581.92	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,860.64	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	14,303.21	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	35,758.01	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	42,909.62	
For Forced Air-Cooling, Add	22,885.13	
<b>26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV (26 11 13)</b>		
26 11 13 00-0046 EA 1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	82,872.39	981.02
26 11 13 00-0047 EA 1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	91,058.37	981.02
26 11 13 00-0048 EA 1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	103,599.17	1,218.59
26 11 13 00-0049 EA 2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	96,640.18	1,465.29
26 11 13 00-0050 EA 2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	109,006.85	1,465.29
26 11 13 00-0051 EA 2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	124,338.48	1,702.34
26 11 13 00-0052 EA 3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	128,043.19	1,944.93
26 11 13 00-0053 EA 3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	143,440.39	1,944.93
26 11 13 00-0054 EA 3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section .....	150,240.22	2,184.17
<b>26 11 16 Secondary Unit Substations (26 11)</b>		
<b>26 11 16 11 Secondary Unit Substations with Switchgear Secondary (26 11 16)</b>		
26 11 16 11-0001 Substation Primary Incoming Section (26 11 16 11)		
26 11 16 11-0002 Manual Transferring Fused Load Break Switches (26 11 16 11-0001) Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.		
26 11 16 11-0003 EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	38,772.93	1,440.59
26 11 16 11-0004 EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	44,775.44	1,440.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 11 16 11-0005 Automatic Transferring Fused Load Break Switches</b> <small>(26 11 16 11-0001)</small>		
<small>Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.</small>		
26 11 16 11-0006 EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch .....	54,877.05	1,440.59
26 11 16 11-0007 EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch .....	58,783.53	1,440.59
<b>26 11 16 11-0008 Accessories For Substation Fused Load Break Switches</b> <small>(26 11 16 11-0001)</small>		
26 11 16 11-0009 EA Primary Lightning Arrestors Accessories, Secondary Distribution Section .....	22,883.84	
26 11 16 11-0010 EA Key Interlock Accessories, Secondary Distribution Section .....	2,227.44	
<b>26 11 16 11-0011 Oil Filled Substation Transformers</b> <small>(26 11 16 11)</small>		
<small>Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.</small>		
<b>26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ</b> <small>(26 11 16 11-0011)</small>		
26 11 16 11-0013 EA 75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	39,616.81	891.17
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>2,648.41</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,135.03</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>378.34</i>	
26 11 16 11-0014 EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	58,649.61	1,069.40
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>3,955.76</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,695.32</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>565.11</i>	
26 11 16 11-0015 EA 150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	66,424.83	1,188.22
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>4,483.39</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,921.45</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>640.48</i>	
26 11 16 11-0016 EA 225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	78,444.39	1,485.28
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>5,283.17</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>2,264.22</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>754.74</i>	
26 11 16 11-0017 EA 300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	87,094.19	1,841.74
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>5,838.75</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>2,502.32</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>834.11</i>	
26 11 16 11-0018 EA 500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	92,565.45	2,257.62
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>6,163.52</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>2,641.51</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>880.50</i>	
26 11 16 11-0019 EA 750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	108,161.79	2,732.91
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>7,188.72</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>3,080.88</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>1,026.96</i>	
26 11 16 11-0020 EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	115,130.90	2,970.55
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>7,643.29</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>3,275.69</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>1,091.90</i>	
26 11 16 11-0021 EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	128,754.64	3,267.60
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>8,555.36</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>3,666.58</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>1,222.19</i>	
26 11 16 11-0022 EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	149,215.18	3,624.07
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>9,937.69</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>4,259.01</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>1,419.67</i>	
26 11 16 11-0023 EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	163,907.10	3,950.83
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>10,920.38</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>4,680.16</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>1,560.05</i>	
<b>26 11 16 11-0024 Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ</b> <small>(26 11 16 11-0011)</small>		
26 11 16 11-0025 EA 75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	37,729.30	891.17
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>2,516.29</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,078.41</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>359.47</i>	
26 11 16 11-0026 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	57,681.10	891.17
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>3,912.91</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,676.96</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>558.99</i>	
26 11 16 11-0027 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	66,383.06	1,188.22
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>4,480.46</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>1,920.20</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>640.07</i>	
26 11 16 11-0028 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof .....	78,516.26	1,485.28
<i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i>	<i>5,288.20</i>	
<i>For Control Power Transformer On Fans And Auxiliary, Add</i>	<i>2,266.37</i>	
<i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	<i>755.46</i>	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0029 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	94,428.62 6,352.16 2,722.35 907.45	1,841.74
26 11 16 11-0030 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	101,698.14 6,802.80 2,915.49 971.83	2,257.62
26 11 16 11-0031 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	112,378.91 7,483.92 3,207.39 1,069.13	2,732.91
26 11 16 11-0032 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	122,395.28 8,151.79 3,493.63 1,164.54	2,970.55
26 11 16 11-0033 EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air-Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i>	138,148.59 9,212.94 3,948.40 1,316.13	3,267.60
<b>26 11 16 11-0034 Accessories For Oil Filled Substation Transformers</b> <small>(26 11 16 11-0011)</small>		
26 11 16 11-0035 EA Sudden Pressure Relay .....	11,467.48	
26 11 16 11-0036 EA Throats Or Flanges (HV Or LV) .....	22,766.84	
26 11 16 11-0037 EA Lightning Arrestors (3 - 1 Pole) .....	14,991.09	
26 11 16 11-0038 EA Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X).....	83,193.04	
26 11 16 11-0039 EA Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout .....	77,835.37	
<b>26 11 16 11-0040 Reinforced Concrete Curb With 6" Slab</b> <small>(26 11 16 11-0011)</small>		
Note: For transformer liquid containment area.		
26 11 16 11-0041 EA 112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0042 EA 150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0043 EA 225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0044 EA 300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0045 EA 500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0046 EA 750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0047 EA 1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	8,815.31	1,482.40
26 11 16 11-0048 EA 1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area .....	10,796.78	1,709.24
<b>26 11 16 11-0049 Dry Type Substation Transformer</b> <small>(26 11 16 11)</small>		
Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
<b>26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt</b> <small>(26 11 16 11-0049)</small>		
Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 11-0051 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	70,195.45	950.57
<i>For Gas Filled Transformers, Add</i>	40,976.58	
<i>For Single Phase Transformers, Deduct</i>	-1,707.36	
<i>For Dry Type Unit, Add</i>	15,214.86	
26 11 16 11-0052 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	70,314.28	1,009.99
<i>For Gas Filled Transformers, Add</i>	40,976.58	
<i>For Single Phase Transformers, Deduct</i>	-1,707.36	
<i>For Dry Type Unit, Add</i>	15,226.74	
26 11 16 11-0053 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	71,560.32	1,188.22
<i>For Gas Filled Transformers, Add</i>	41,510.33	
<i>For Single Phase Transformers, Deduct</i>	-1,729.60	
<i>For Dry Type Unit, Add</i>	15,458.10	
26 11 16 11-0054 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	78,991.64	1,307.04
<i>For Gas Filled Transformers, Add</i>	45,826.53	
<i>For Single Phase Transformers, Deduct</i>	-1,909.44	
<i>For Dry Type Unit, Add</i>	17,064.47	
26 11 16 11-0055 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	87,508.13	1,544.68
<i>For Gas Filled Transformers, Add</i>	50,651.26	
<i>For Single Phase Transformers, Deduct</i>	-2,110.47	
<i>For Dry Type Unit, Add</i>	18,881.06	
26 11 16 11-0056 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	101,397.12	1,782.33
<i>For Gas Filled Transformers, Add</i>	58,699.48	
<i>For Single Phase Transformers, Deduct</i>	-2,445.81	
<i>For Dry Type Unit, Add</i>	21,879.61	
26 11 16 11-0057 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	117,604.10	2,138.80
<i>For Gas Filled Transformers, Add</i>	67,995.91	
<i>For Single Phase Transformers, Deduct</i>	-2,833.16	
<i>For Dry Type Unit, Add</i>	25,359.59	
26 11 16 11-0058 EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	139,275.14	2,376.44
<i>For Gas Filled Transformers, Add</i>	80,713.36	
<i>For Single Phase Transformers, Deduct</i>	-3,363.06	
<i>For Dry Type Unit, Add</i>	30,070.19	
26 11 16 11-0059 EA 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	181,505.03	2,495.27
<i>For Gas Filled Transformers, Add</i>	105,908.71	
<i>For Single Phase Transformers, Deduct</i>	-4,412.86	
<i>For Dry Type Unit, Add</i>	39,332.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt</b> <small>(26 11 16 11-0049)</small>		
<small>Note: Primary 4.16 or 4.8 KV (delta or wye).</small>		
26 11 16 11-0061 EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	67,771.88	950.57
<i>For Gas Filled Transformers, Add</i>	39,522.44	
<i>For Single Phase Transformers, Deduct</i>	-1,646.77	
<i>For Dry Type Unit, Add</i>	14,681.68	
26 11 16 11-0062 EA 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	70,314.28	1,009.99
<i>For Gas Filled Transformers, Add</i>	40,976.58	
<i>For Single Phase Transformers, Deduct</i>	-1,707.36	
<i>For Dry Type Unit, Add</i>	15,226.74	
26 11 16 11-0063 EA 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	71,560.32	1,188.22
<i>For Gas Filled Transformers, Add</i>	41,510.33	
<i>For Single Phase Transformers, Deduct</i>	-1,729.60	
<i>For Dry Type Unit, Add</i>	15,458.10	
26 11 16 11-0064 EA 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	78,991.64	1,307.04
<i>For Gas Filled Transformers, Add</i>	45,826.53	
<i>For Single Phase Transformers, Deduct</i>	-1,909.44	
<i>For Dry Type Unit, Add</i>	17,064.47	
26 11 16 11-0065 EA 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	87,508.13	1,544.68
<i>For Gas Filled Transformers, Add</i>	50,651.26	
<i>For Single Phase Transformers, Deduct</i>	-2,110.47	
<i>For Dry Type Unit, Add</i>	18,881.06	
26 11 16 11-0066 EA 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	101,397.12	1,782.33
<i>For Gas Filled Transformers, Add</i>	58,699.48	
<i>For Single Phase Transformers, Deduct</i>	-2,445.81	
<i>For Dry Type Unit, Add</i>	21,879.61	
26 11 16 11-0067 EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	117,604.10	2,138.80
<i>For Gas Filled Transformers, Add</i>	67,995.91	
<i>For Single Phase Transformers, Deduct</i>	-2,833.16	
<i>For Dry Type Unit, Add</i>	25,359.59	
26 11 16 11-0068 EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	139,275.14	2,376.44
<i>For Gas Filled Transformers, Add</i>	80,713.36	
<i>For Single Phase Transformers, Deduct</i>	-3,363.06	
<i>For Dry Type Unit, Add</i>	30,070.19	
26 11 16 11-0069 EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	181,505.03	2,495.27
<i>For Gas Filled Transformers, Add</i>	105,908.71	
<i>For Single Phase Transformers, Deduct</i>	-4,412.86	
<i>For Dry Type Unit, Add</i>	39,332.24	
26 11 16 11-0070 EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	199,436.15	2,614.09
<i>For Gas Filled Transformers, Add</i>	116,524.79	
<i>For Single Phase Transformers, Deduct</i>	-4,855.20	
<i>For Dry Type Unit, Add</i>	43,248.57	
26 11 16 11-0071 EA 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	222,907.86	2,732.91
<i>For Gas Filled Transformers, Add</i>	130,465.23	
<i>For Single Phase Transformers, Deduct</i>	-5,436.05	
<i>For Dry Type Unit, Add</i>	48,383.83	
26 11 16 11-0072 EA 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer .....	257,439.76	2,851.73
<i>For Gas Filled Transformers, Add</i>	151,041.78	
<i>For Single Phase Transformers, Deduct</i>	-6,293.41	
<i>For Dry Type Unit, Add</i>	55,952.33	
<b>26 11 16 11-0073 Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt</b> <small>(26 11 16 11-0049)</small>		
26 11 16 11-0074 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	75,448.36	1,069.40
<i>For Gas Filled Transformers, Add</i>	43,985.74	
<i>For Single Phase Transformers, Deduct</i>	-1,832.74	
<i>For Dry Type Unit, Add</i>	16,341.98	
26 11 16 11-0075 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	77,976.74	1,128.81
<i>For Gas Filled Transformers, Add</i>	45,431.47	
<i>For Single Phase Transformers, Deduct</i>	-1,892.98	
<i>For Dry Type Unit, Add</i>	16,883.97	
26 11 16 11-0076 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	83,271.41	1,307.04
<i>For Gas Filled Transformers, Add</i>	48,394.39	
<i>For Single Phase Transformers, Deduct</i>	-2,016.43	
<i>For Dry Type Unit, Add</i>	18,006.02	
26 11 16 11-0077 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	87,851.87	1,425.86
<i>For Gas Filled Transformers, Add</i>	51,000.08	
<i>For Single Phase Transformers, Deduct</i>	-2,125.00	
<i>For Dry Type Unit, Add</i>	18,985.20	
26 11 16 11-0078 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	100,122.81	1,663.50
<i>For Gas Filled Transformers, Add</i>	58,077.47	
<i>For Single Phase Transformers, Deduct</i>	-2,419.89	
<i>For Dry Type Unit, Add</i>	21,627.78	
26 11 16 11-0079 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	110,873.76	1,901.15
<i>For Gas Filled Transformers, Add</i>	64,242.88	
<i>For Single Phase Transformers, Deduct</i>	-2,676.79	
<i>For Dry Type Unit, Add</i>	23,935.95	
26 11 16 11-0080 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	129,413.25	2,257.62
<i>For Gas Filled Transformers, Add</i>	74,938.81	
<i>For Single Phase Transformers, Deduct</i>	-3,122.45	
<i>For Dry Type Unit, Add</i>	27,929.09	
26 11 16 11-0081 EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	157,171.24	2,495.27
<i>For Gas Filled Transformers, Add</i>	91,308.43	
<i>For Single Phase Transformers, Deduct</i>	-3,804.52	
<i>For Dry Type Unit, Add</i>	33,978.81	



<b>26</b>	<b>Electrical</b>
<b>26 10</b>	<b>Medium-Voltage Electrical Distribution</b>
<b>26 11</b>	<b>Substations</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0082	EA		2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer .....	190,554.39	2,614.09
			<i>For Gas Filled Transformers, Add</i>	111,195.73	
			<i>For Single Phase Transformers, Deduct</i>	-4,633.16	
			<i>For Dry Type Unit, Add</i>	41,294.59	
<b>26 11 16 11-0083</b>			<b>Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt</b> <small>(26 11 16 11-0049)</small>		
26 11 16 11-0084	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	75,448.36	1,069.40
			<i>For Gas Filled Transformers, Add</i>	43,985.74	
			<i>For Single Phase Transformers, Deduct</i>	-1,832.74	
			<i>For Dry Type Unit, Add</i>	16,341.98	
26 11 16 11-0085	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	77,976.74	1,128.81
			<i>For Gas Filled Transformers, Add</i>	45,431.47	
			<i>For Single Phase Transformers, Deduct</i>	-1,892.98	
			<i>For Dry Type Unit, Add</i>	16,883.97	
26 11 16 11-0086	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	83,271.41	1,307.04
			<i>For Gas Filled Transformers, Add</i>	48,394.39	
			<i>For Single Phase Transformers, Deduct</i>	-2,016.43	
			<i>For Dry Type Unit, Add</i>	18,006.02	
26 11 16 11-0087	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	87,851.87	1,425.86
			<i>For Gas Filled Transformers, Add</i>	51,000.08	
			<i>For Single Phase Transformers, Deduct</i>	-2,125.00	
			<i>For Dry Type Unit, Add</i>	18,985.20	
26 11 16 11-0088	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	100,122.81	1,663.50
			<i>For Gas Filled Transformers, Add</i>	58,077.47	
			<i>For Single Phase Transformers, Deduct</i>	-2,419.89	
			<i>For Dry Type Unit, Add</i>	21,627.78	
26 11 16 11-0089	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	96,864.67	1,901.15
			<i>For Gas Filled Transformers, Add</i>	55,837.42	
			<i>For Single Phase Transformers, Deduct</i>	-2,326.56	
			<i>For Dry Type Unit, Add</i>	20,853.95	
26 11 16 11-0090	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	100,633.14	2,257.62
			<i>For Gas Filled Transformers, Add</i>	57,670.75	
			<i>For Single Phase Transformers, Deduct</i>	-2,402.95	
			<i>For Dry Type Unit, Add</i>	21,597.46	
26 11 16 11-0091	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	124,197.48	2,495.27
			<i>For Gas Filled Transformers, Add</i>	71,524.18	
			<i>For Single Phase Transformers, Deduct</i>	-2,980.17	
			<i>For Dry Type Unit, Add</i>	26,724.58	
26 11 16 11-0092	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	147,816.04	2,614.09
			<i>For Gas Filled Transformers, Add</i>	85,552.72	
			<i>For Single Phase Transformers, Deduct</i>	-3,564.70	
			<i>For Dry Type Unit, Add</i>	31,892.15	
26 11 16 11-0093	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	165,532.61	2,732.91
			<i>For Gas Filled Transformers, Add</i>	96,040.08	
			<i>For Single Phase Transformers, Deduct</i>	-4,001.67	
			<i>For Dry Type Unit, Add</i>	35,761.28	
26 11 16 11-0094	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	194,891.00	2,851.73
			<i>For Gas Filled Transformers, Add</i>	113,512.52	
			<i>For Single Phase Transformers, Deduct</i>	-4,729.69	
			<i>For Dry Type Unit, Add</i>	42,191.60	
26 11 16 11-0095	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer .....	239,815.05	2,970.55
			<i>For Gas Filled Transformers, Add</i>	140,324.36	
			<i>For Single Phase Transformers, Deduct</i>	-5,846.85	
			<i>For Dry Type Unit, Add</i>	52,046.38	

## 26 12 Medium-Voltage Transformers (26 10)

### 26 12 13 Liquid-Filled, Medium-Voltage Transformers (26 12)

26 12 13 00-0001			Single Phase Oil Filled Distribution Transformers <small>(26 12 13)</small>		
			Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.		
26 12 13 00-0002			Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent		
			Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA <small>(26 12 13 00-0001)</small>		
26 12 13 00-0003	EA		10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	8,141.15	486.24
26 12 13 00-0004	EA		15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	9,729.42	607.80
26 12 13 00-0005	EA		25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	11,274.17	729.35
26 12 13 00-0006	EA		37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	14,644.92	911.70
26 12 13 00-0007	EA		50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	17,364.03	1,094.04
26 12 13 00-0008	EA		75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	24,490.35	1,276.38
26 12 13 00-0009	EA		100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase .....	28,995.34	1,519.50
26 12 13 00-0010			Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent		
			Taps FCAN And FCBN. Rated To 5 KVA <small>(26 12 13 00-0001)</small>		
26 12 13 00-0011	EA		10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	8,141.15	486.24
26 12 13 00-0012	EA		15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	9,926.27	607.80
26 12 13 00-0013	EA		25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	11,274.17	729.35
26 12 13 00-0014	EA		37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	14,644.92	911.70
26 12 13 00-0015	EA		50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	17,364.03	1,094.04
26 12 13 00-0016	EA		75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	22,466.95	1,276.38
26 12 13 00-0017	EA		100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase .....	27,967.83	1,519.50





	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0018		<b>Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0019	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,911.49	486.24
26 12 13 00-0020	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,106.06	607.80
26 12 13 00-0021	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,657.66	729.35
26 12 13 00-0022	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	14,502.65	911.70
26 12 13 00-0023	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	16,763.33	1,094.04
26 12 13 00-0024	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,846.34	1,276.38
26 12 13 00-0025	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	28,062.68	1,519.50
26 12 13 00-0026		<b>Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0027	EA	10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,977.77	486.24
26 12 13 00-0028	EA	15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,205.14	607.80
26 12 13 00-0029	EA	25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,537.06	729.35
26 12 13 00-0030	EA	37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	17,065.89	911.70
26 12 13 00-0031	EA	50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	19,636.77	1,094.04
26 12 13 00-0032	EA	75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	27,095.94	1,276.38
26 12 13 00-0033	EA	100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	34,922.95	1,519.50
26 12 13 00-0034		<b>Transformer Platforms</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0035	EA	Transformer Platforms, 75 - 167 KVA.....	5,726.19	821.14
26 12 13 00-0036		<b>Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0037	EA	10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,950.09	486.24
26 12 13 00-0038	EA	15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,087.99	607.80
26 12 13 00-0039	EA	25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,538.23	729.35
26 12 13 00-0040	EA	37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	17,064.46	911.70
26 12 13 00-0041	EA	50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	19,757.83	1,154.82
26 12 13 00-0042	EA	75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	27,099.51	1,276.38
26 12 13 00-0043	EA	100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	34,922.95	1,519.50
26 12 13 00-0044	EA	167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	46,809.47	1,944.95
26 12 13 00-0045	EA	250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	59,778.75	2,613.54
26 12 13 00-0046	EA	333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	70,054.67	3,039.00
26 12 13 00-0047	EA	500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	89,629.52	3,282.12
26 12 13 00-0048		<b>Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0049	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	8,141.15	595.40
26 12 13 00-0050	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	9,729.42	744.19
26 12 13 00-0051	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	11,273.67	892.12
26 12 13 00-0052	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	14,646.10	1,117.98
26 12 13 00-0053	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	17,362.90	1,339.22
26 12 13 00-0054	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	24,488.83	1,559.73
26 12 13 00-0055	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	28,995.34	1,860.59
26 12 13 00-0056		<b>Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0057	EA	10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,141.15	595.40
26 12 13 00-0058	EA	15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,926.27	744.19
26 12 13 00-0059	EA	25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,273.67	892.12
26 12 13 00-0060	EA	37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	14,646.10	1,117.98
26 12 13 00-0061	EA	50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	17,362.90	1,339.22
26 12 13 00-0062	EA	75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	22,465.43	1,559.73
26 12 13 00-0063	EA	100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	27,967.83	1,860.59
26 12 13 00-0064		<b>Primary 7.2 To 14.4 KV Ground Y</b> <small>(26 12 13 00-0001)</small>		
26 12 13 00-0065		<b>Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN</b> <small>(26 12 13 00-0064)</small>		
26 12 13 00-0066	EA	10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,415.72	486.24
26 12 13 00-0067	EA	15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,613.27	607.80
26 12 13 00-0068	EA	25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,764.41	729.35
26 12 13 00-0069	EA	37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	11,519.45	911.70
26 12 13 00-0070	EA	50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	14,490.66	1,094.04
26 12 13 00-0071	EA	75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	23,425.83	1,276.38
26 12 13 00-0072	EA	100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	26,899.77	1,519.50

**26 Electrical****26 10 Medium-Voltage Electrical Distribution****26 12 Medium-Voltage Transformers**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0073			<b>Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN</b> <small>(26 12 13 00-0064)</small>		
26 12 13 00-0074	EA		10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,893.76	486.24
26 12 13 00-0075	EA		15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,957.10	607.80
26 12 13 00-0076	EA		25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,466.15	729.35
26 12 13 00-0077	EA		37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,922.93	911.70
26 12 13 00-0078	EA		50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,670.44	1,094.04
26 12 13 00-0079	EA		75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	20,443.23	1,276.38
26 12 13 00-0080	EA		100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	23,917.17	1,519.50
26 12 13 00-0081			<b>3 Phase Oil Filled Distribution Transformers</b> <small>(26 12 13)</small>		
26 12 13 00-0082			<b>Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt</b> <small>(26 12 13 00-0081)</small> Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0083	EA		112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	29,684.73	1,701.84
26 12 13 00-0084	EA		150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	37,464.33	1,823.40
26 12 13 00-0085	EA		225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	49,838.16	2,309.64
26 12 13 00-0086	EA		300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	65,160.50	2,917.44
26 12 13 00-0087	EA		500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	97,002.01	3,282.12
26 12 13 00-0088	EA		750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase.....	148,660.32	4,376.15
26 12 19			<b>Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers</b> <small>(26 12)</small>		
26 12 19 00-0001			<b>Single Phase Pad Mounted Distribution Transformers</b> <small>(26 12 19)</small> Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002			<b>Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled</b> <small>(26 12 19 00-0001)</small> Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003			<b>Primary, 4.16/4.8 KV Ground Y Or Delta</b> <small>(26 12 19 00-0002)</small> Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004	EA		25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	19,754.01	594.11
26 12 19 00-0005	EA		37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	21,398.32	712.93
26 12 19 00-0006	EA		50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	25,533.81	831.75
26 12 19 00-0007	EA		75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	31,789.34	891.17
26 12 19 00-0008	EA		100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	36,176.46	950.57
26 12 19 00-0009	EA		167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	47,336.66	1,247.63
26 12 19 00-0010			<b>Factory Modifications Material Cost Only</b> <small>(26 12 19 00-0002)</small>		
26 12 19 00-0011	EA		Loadbreaker Current Limiting Fuse Factory Modifications.....	4,445.48	
26 12 19 00-0012	EA		Loadbreaker Oil Switch, 2 Position Factory Modifications.....	4,670.98	
26 12 19 00-0013	EA		Loadbreaker Inserts, Factory Modifications.....	5,138.07	
26 12 19 00-0014			<b>Distribution - Single Phase Multiple Building Transformer</b> <small>(26 12 19 00-0001)</small> Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015			<b>Primary, 4.16/4.8 KVA Ground Y Or Delta</b> <small>(26 12 19 00-0014)</small> Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016	EA		25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	25,147.35	594.11
26 12 19 00-0017	EA		37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	28,191.87	594.11
26 12 19 00-0018	EA		50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	30,187.25	813.93
26 12 19 00-0019	EA		75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	37,921.44	813.93
26 12 19 00-0020	EA		100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	42,609.80	1,069.40
26 12 19 00-0021	EA		167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	51,048.03	1,069.40
26 12 19 00-0022	EA		250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt.....	83,125.77	1,485.28
26 12 19 00-0023			<b>Factory Modifications Material Cost Only</b> <small>(26 12 19 00-0014)</small>		
26 12 19 00-0024	EA		Loadbreaker Current Limiting Fuse Factory Modifications.....	5,927.31	
26 12 19 00-0025	EA		Lightning Arrestors, Factory Modifications.....	1,501.81	
26 12 19 00-0026	EA		Loadbreaker Oil Switch, 2 Position Factory Modifications.....	4,670.98	
26 12 19 00-0027	EA		Loop Feed Air Switch, Factory Modifications.....	7,602.42	
26 12 19 00-0028	EA		Loadbreaker Inserts (Two), Factory Modifications.....	2,029.46	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0029 EA Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications.....	1,755.64	
<b>26 12 19 00-0030 Primary, 12.47 KV Ground Y Or Delta</b> <small>(26 12 19 00-0014)</small>		
<small>Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.</small>		
26 12 19 00-0031 EA 25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	27,331.91	594.11
26 12 19 00-0032 EA 37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	28,930.36	594.11
26 12 19 00-0033 EA 50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	29,901.50	813.93
26 12 19 00-0034 EA 75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	36,193.14	813.93
26 12 19 00-0035 EA 100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	46,219.97	1,069.40
26 12 19 00-0036 EA 167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	57,437.06	1,069.52
26 12 19 00-0037 EA 250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt .....	72,952.14	1,485.28
<b>26 12 19 00-0038 Oil Filled Distribution Transformer Single Phase Cluster Mounted</b> <small>(26 12 19 00-0001)</small>		
<small>Note: Conventional type.</small>		
<b>26 12 19 00-0039 13.8/14.4 KV Ground Y Or Delta Primary 120/240V</b> <small>(26 12 19 00-0038)</small>		
<small>Note: 2.5 Taps FCBN and FCAN.</small>		
26 12 19 00-0040 EA 10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	18,117.82	411.60
26 12 19 00-0041 EA 37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	22,324.73	578.81
26 12 19 00-0042 EA 50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	34,318.58	926.10
26 12 19 00-0043 EA 100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	62,222.04	926.10
26 12 19 00-0044 EA 167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	85,966.52	1,517.76
26 12 19 00-0045 EA 250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	116,097.59	1,517.76
<b>26 12 19 00-0046 Oil Filled Distribution Transformer Single Phase</b> <small>(26 12 19 00-0001)</small>		
<b>26 12 19 00-0047 7.2 KV Primary, 120/240 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0048 EA 10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	17,536.18	437.32
26 12 19 00-0049 EA 15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	19,125.42	437.32
26 12 19 00-0050 EA 25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	22,615.12	617.40
26 12 19 00-0051 EA 37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	29,004.63	617.40
26 12 19 00-0052 EA 50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	33,384.13	836.06
26 12 19 00-0053 EA 100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	60,736.60	1,286.24
26 12 19 00-0054 EA 167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	84,803.25	1,286.24
26 12 19 00-0055 EA 250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	114,301.97	1,607.80
<b>26 12 19 00-0056 7.2 KV Primary, 240/480 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0057 EA 10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	17,536.18	437.32
26 12 19 00-0058 EA 15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	19,126.02	437.32
26 12 19 00-0059 EA 25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	22,615.12	617.40
26 12 19 00-0060 EA 37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	29,004.63	617.40
26 12 19 00-0061 EA 50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	33,384.13	836.06
26 12 19 00-0062 EA 75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	52,065.78	1,131.90
26 12 19 00-0063 EA 100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	60,736.60	1,131.90
26 12 19 00-0064 EA 167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	84,803.25	1,427.72
26 12 19 00-0065 EA 250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	114,301.97	1,607.80
<b>26 12 19 00-0066 2.4 KV Primary, 277 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0067 EA 10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	19,361.41	437.32
26 12 19 00-0068 EA 15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	21,114.56	437.32
26 12 19 00-0069 EA 25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	24,973.46	617.40
26 12 19 00-0070 EA 37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	32,017.32	617.40
26 12 19 00-0071 EA 50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	36,847.98	836.06
26 12 19 00-0072 EA 75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	57,331.79	1,131.90
26 12 19 00-0073 EA 100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	67,115.06	1,131.90
26 12 19 00-0074 EA 167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	93,755.96	1,427.72
26 12 19 00-0075 EA 250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	126,438.44	1,607.80
<b>26 12 19 00-0076 2.4 KV Primary, 120/240 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0077 EA 10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	17,536.18	437.32
26 12 19 00-0078 EA 15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	19,125.42	437.32
26 12 19 00-0079 EA 25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	22,615.12	840.04
26 12 19 00-0080 EA 37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	29,004.63	1,131.90
26 12 19 00-0081 EA 50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	33,384.13	836.06
26 12 19 00-0082 EA 75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	51,887.42	1,131.90
26 12 19 00-0083 EA 100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	60,724.68	1,131.90



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0084			<b>2.4 KV Primary, 240/480 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0085	EA		10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	17,536.18	437.32
26 12 19 00-0086	EA		15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	19,125.42	437.32
26 12 19 00-0087	EA		25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	22,615.12	617.40
26 12 19 00-0088	EA		37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	29,004.63	617.40
26 12 19 00-0089	EA		50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	33,384.13	836.06
26 12 19 00-0090	EA		75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	51,887.42	1,131.90
26 12 19 00-0091	EA		100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase .....	60,724.68	1,131.90

26 12 19 00-0092			<b>2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary</b> <small>(26 12 19 00-0046)</small>		
26 12 19 00-0093	EA		10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	14,699.38	450.19
26 12 19 00-0094	EA		15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	15,921.56	501.64
26 12 19 00-0095	EA		25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	19,522.02	553.09
26 12 19 00-0096	EA		37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	24,634.91	771.75
26 12 19 00-0097	EA		50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	27,340.67	900.37
26 12 19 00-0098	EA		75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	38,374.09	1,054.72
26 12 19 00-0099	EA		100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	46,377.68	1,209.06
26 12 19 00-0100	EA		167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	73,698.48	1,543.49
26 12 19 00-0101	EA		250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase.....	103,089.82	1,736.42

## 26 13 Medium-Voltage Switchgear (26 10)

### 26 13 16 Medium-Voltage Fusible Interrupter Switchgear (26 13)

26 13 16 00-0001			<b>"Switchyard", Substation Secondary Distribution Section</b> <small>(26 13 16)</small> Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.		
------------------	--	--	--	--	--

26 13 16 00-0002			<b>4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section</b> <small>(26 13 16 00-0001)</small>		
26 13 16 00-0003	EA		1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	17,362.95	1,337.69
			<i>For Weatherproofing, Add</i>	3,632.27	
26 13 16 00-0004	EA		1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	18,260.37	1,337.69
			<i>For Weatherproofing, Add</i>	3,829.70	
26 13 16 00-0005	EA		1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	24,992.33	1,704.27
			<i>For Weatherproofing, Add</i>	5,272.66	
26 13 16 00-0006	EA		2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	34,263.95	1,704.27
			<i>For Weatherproofing, Add</i>	7,283.73	
26 13 16 00-0007	EA		2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	49,407.76	2,057.99
			<i>For Weatherproofing, Add</i>	10,581.13	
26 13 16 00-0008	EA		3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	44,934.29	2,057.99
			<i>For Weatherproofing, Add</i>	9,582.39	

26 13 16 00-0009			<b>7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section</b> <small>(26 13 16 00-0001)</small>		
26 13 16 00-0010	EA		1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	26,193.67	1,543.49
			<i>For Weatherproofing, Add</i>	5,555.63	
26 13 16 00-0011	EA		2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	32,102.03	1,929.36
			<i>For Weatherproofing, Add</i>	6,792.07	
26 13 16 00-0012	EA		3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	45,387.83	2,315.24
			<i>For Weatherproofing, Add</i>	9,669.40	

26 13 16 00-0013			<b>13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section</b> <small>(26 13 16 00-0001)</small>		
26 13 16 00-0014	EA		1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	25,166.33	1,543.49
			<i>For Weatherproofing, Add</i>	5,312.62	
26 13 16 00-0015	EA		1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	34,831.44	1,543.49
			<i>For Weatherproofing, Add</i>	7,401.94	
26 13 16 00-0016	EA		1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	51,186.20	2,057.99
			<i>For Weatherproofing, Add</i>	10,957.81	
26 13 16 00-0017	EA		2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	31,643.81	2,057.99
			<i>For Weatherproofing, Add</i>	6,675.81	
26 13 16 00-0018	EA		2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	46,310.83	2,572.49
			<i>For Weatherproofing, Add</i>	9,865.67	
26 13 16 00-0019	EA		2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	65,157.59	2,572.49
			<i>For Weatherproofing, Add</i>	13,973.08	
26 13 16 00-0020	EA		3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	44,499.18	2,572.49
			<i>For Weatherproofing, Add</i>	9,456.35	
26 13 16 00-0021	EA		3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section .....	62,062.00	2,572.49
			<i>For Weatherproofing, Add</i>	13,283.12	
26 13 16 00-0022	EA		3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section.....	80,735.59	2,572.49
			<i>For Weatherproofing, Add</i>	17,356.26	

26 13 16 00-0023			<b>4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section</b> <small>(26 13 16 00-0001)</small>		
------------------	--	--	---	--	--





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0024 EA 1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 7,662.57	7,662.57	842.49
For Weatherproofing, Add EA 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 1,567.61	1,567.61	
26 13 16 00-0025 EA 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 10,095.49	10,095.49	842.49
For Weatherproofing, Add EA 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,102.85	2,102.85	
26 13 16 00-0026 EA 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 10,841.70	10,841.70	1,119.04
For Weatherproofing, Add EA 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,228.86	2,228.86	
26 13 16 00-0027 EA 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 13,435.02	13,435.02	1,382.71
For Weatherproofing, Add EA 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,762.08	2,762.08	
26 13 16 00-0028 EA 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 18,359.06	18,359.06	1,382.71
For Weatherproofing, Add Section ..... 3,845.37	3,845.37	
<b>26 13 16 00-0029 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section (26 13 16 00-0001)</b>		
26 13 16 00-0030 EA 1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 9,751.26	9,751.26	1,286.24
For Weatherproofing, Add EA 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,010.69	2,010.69	
26 13 16 00-0031 EA 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 12,772.59	12,772.59	1,286.24
For Weatherproofing, Add EA 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,637.48	2,637.48	
26 13 16 00-0032 EA 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 19,687.68	19,687.68	1,286.24
For Weatherproofing, Add Section ..... 4,121.41	4,121.41	
<b>26 13 16 00-0033 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section (26 13 16 00-0001)</b>		
26 13 16 00-0034 EA 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 10,005.01	10,005.01	1,093.31
For Weatherproofing, Add EA 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,048.76	2,048.76	
26 13 16 00-0035 EA 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 10,709.13	10,709.13	1,093.31
For Weatherproofing, Add EA 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,203.66	2,203.66	
26 13 16 00-0036 EA 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 15,451.96	15,451.96	1,350.55
For Weatherproofing, Add EA 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 3,209.48	3,209.48	
26 13 16 00-0037 EA 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 13,556.60	13,556.60	1,620.66
For Weatherproofing, Add EA 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 2,755.09	2,755.09	
26 13 16 00-0038 EA 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 16,874.68	16,874.68	1,620.66
For Weatherproofing, Add EA 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 3,485.06	3,485.06	
26 13 16 00-0039 EA 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 19,387.17	19,387.17	1,890.77
For Weatherproofing, Add EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 3,999.58	3,999.58	
26 13 16 00-0040 EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 17,957.39	17,957.39	2,160.89
For Weatherproofing, Add EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 3,647.47	3,647.47	
26 13 16 00-0041 EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 20,231.04	20,231.04	2,160.89
For Weatherproofing, Add EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 4,147.67	4,147.67	
26 13 16 00-0042 EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section ..... 25,047.09	25,047.09	2,418.14
For Weatherproofing, Add Section ..... 5,169.31	5,169.31	
<b>26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections (26 13 16 00-0001)</b>		
26 13 16 00-0044 EA 1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section ..... 4,719.61	4,719.61	815.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA 2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section ..... 489.07	489.07	
26 13 16 00-0045 EA 2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section ..... 5,959.22	5,959.22	904.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA 3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section ..... 542.72	542.72	
26 13 16 00-0046 EA 3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section ..... 7,826.31	7,826.31	1,088.16
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA 3-Phase Pothead Termination Accessories, Secondary Distribution Section ..... 652.91	652.91	
26 13 16 00-0047 EA 3-Phase Pothead Termination Accessories, Secondary Distribution Section ..... 4,459.22	4,459.22	1,636.48
EA 5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 6,346.65	6,346.65	105.89
26 13 16 00-0048 EA 5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 8,495.75	8,495.75	105.89
26 13 16 00-0049 EA 5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 15,603.59	15,603.59	105.89
26 13 16 00-0050 EA 15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 12,250.79	12,250.79	105.89
26 13 16 00-0051 EA 15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 13,378.94	13,378.94	105.89
26 13 16 00-0052 EA 15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section ..... 18,231.51	18,231.51	105.89
26 13 16 00-0053 EA 6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section ..... 2,844.80	2,844.80	105.89
26 13 16 00-0054 EA 9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section ..... 3,222.55	3,222.55	105.89
26 13 16 00-0055 EA 15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section ..... 4,923.45	4,923.45	105.89
26 13 16 00-0056 EA Overcurrent Phase Protection, Time And Instantaneous Device 67 ..... 3,131.68	3,131.68	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA AC Ammeter With Switch ..... 63.53	63.53	
26 13 16 00-0057 EA AC Ammeter With Switch ..... 1,191.88	1,191.88	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA AC Voltmeter With Switch And Potential Transformer ..... 63.53	63.53	
26 13 16 00-0058 EA AC Voltmeter With Switch And Potential Transformer ..... 1,191.88	1,191.88	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Indicating Wattmeter ..... 1,788.11	1,788.11	
26 13 16 00-0059 EA Indicating Wattmeter ..... 1,788.11	1,788.11	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Indicating Varmeter ..... 2,118.90	2,118.90	
26 13 16 00-0060 EA Indicating Varmeter ..... 2,118.90	2,118.90	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Indicating Watt-hour Meter, 2 Element ..... 1,310.31	1,310.31	
26 13 16 00-0061 EA Indicating Watt-hour Meter, 2 Element ..... 1,310.31	1,310.31	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Ground Protection, Time Or Instantaneous Device 67N ..... 2,737.36	2,737.36	
26 13 16 00-0062 EA Ground Protection, Time Or Instantaneous Device 67N ..... 2,737.36	2,737.36	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Differential Generator Protection Single Phase NEMA Device 87 ..... 5,997.49	5,997.49	
26 13 16 00-0063 EA Differential Generator Protection Single Phase NEMA Device 87 ..... 5,997.49	5,997.49	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add EA Current Transformers 5 And 15 KV Single Secondary ..... 790.65	790.65	
26 13 16 00-0064 EA Current Transformers 5 And 15 KV Single Secondary ..... 790.65	790.65	105.89



**26 Electrical****26 10 Medium-Voltage Electrical Distribution****26 13 Medium-Voltage Switchgear**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses.....	3,984.17	105.89
------------------	----	---	----------	--------

**26 13 19 Medium-Voltage Vacuum Interrupter Switchgear (26 13)****26 13 19 00-0001 Vacuum Circuit Breakers 13.8 KV (26 13 19)**

26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	64,447.28	1,607.80
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	71,120.16	2,032.26
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	80,723.72	2,032.26
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	73,962.72	1,607.80
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	83,304.56	1,607.80
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	94,932.83	1,890.77
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	97,848.25	2,160.89
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	107,237.53	2,160.89
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	117,142.27	2,431.00

**26 13 29 Medium-Voltage Compartmentalized Switchgear (26 13)****26 13 29 00-0001 Substation Secondary Distribution Section (26 13 29)**

Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.

**26 13 29 00-0002 Switchgear Compartment Complete With Air Circuit Breaker (26 13 29 00-0001)**

Note: With solid state long - time and instantaneous trips.

26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206.....	20,475.43	1,038.13
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416.....	32,156.41	1,569.56
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420.....	43,522.61	1,927.96
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632.....	72,774.26	2,236.93
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840.....	93,674.08	2,545.90

**26 13 29 00-0008 Switchgear Compartment Without Circuit Breaker (26 13 29 00-0001)**

26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	9,055.40	315.14
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	10,463.88	315.14
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	13,691.52	463.45
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	19,649.94	463.45
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	32,888.96	679.73

**26 13 29 00-0014 Switchgear Compartment, Blank, Use As Filler Or Metering (26 13 29 00-0001)**

Note: No provisions for future breaker.

26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	8,607.49	352.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	201.40	
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	10,832.61	352.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	236.43	
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section.....	14,014.25	543.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	339.87	
26 13 29 00-0018	EA	Reconfiguring Switchgear Compartment, Cutting Existing Front Panel To Suit New Switchgear Component.....	247.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.15	
26 13 29 00-0019	EA	Reconfiguring Switchgear Compartment, Adding 1/8" Thick Metal Blanking Panels To Suit New Switchgear Component.....	895.06	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.44	

**26 13 29 00-0020 Accessories For Substation Secondary Distribution (26 13 29 00-0001)**

26 13 29 00-0021	EA	Short Time Delay Accessories, Secondary Distribution Section.....	4,848.86	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0022	EA	Key Interlock Accessories, Secondary Distribution Section.....	3,735.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0023	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section.....	12,203.75	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0024	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section.....	12,203.75	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0025	EA	Wattmeter - Complete Accessories, Secondary Distribution Section.....	16,196.41	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0026	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section.....	21,029.63	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0027	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section.....	8,990.30	120.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.44	
26 13 29 00-0028	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section.....	25,109.61	1,788.62
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,073.18	
26 13 29 00-0029	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800.....	5,437.25	105.89
26 13 29 00-0030	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section.....	6,415.57	105.89
26 13 29 00-0031	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section.....	3,433.11	52.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.77	
26 13 29 00-0032	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section.....	26,458.25	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 13 29 00-0033	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section.....	3,264.99	52.94
26 13 29 00-0034	EA	Meter With 3 Current Transformer.....	11,730.68	264.72

**26 18 Medium-Voltage Circuit Protection Devices (26 10)**



<b>Electrical</b>	<b>26</b>	
Medium-Voltage Electrical Distribution	26 10	26
Medium-Voltage Circuit Protection Devices	26 18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 18 36 Medium-Voltage Enclosed Fuses (26 18)</b>		
26 18 36 00-0001 Sectionalizing Switch (26 18 36)		
26 18 36 00-0002 Pad Mounted Metal Enclosed Oil Filled Switching Units (26 18 36 00-0001) Note: 15 KV - 25 KV.		
<b>26 18 36 00-0003 Sectionalizing Tapping And Fusing Underground Feeders (26 18 36 00-0002)</b> Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004 EA 3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	80,312.65	891.17
26 18 36 00-0005 EA 3 Phase, 1 Fuse Up And 2 Switch Downstream Tapping And Fusing Underground.....	86,629.51	891.17
26 18 36 00-0006 EA 3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	90,370.19	891.17
26 18 36 00-0007 EA 3 Phase, 2 Fuses Up And 2 Switch Downstream Tapping And Fusing Underground.....	99,420.22	891.17
<b>26 19 High-Voltage Circuit Protection (26 19)</b>		
<b>26 19 18 Protection Devices (26 19)</b>		
26 19 18 00-0001 Primary Fuse Cutouts (26 19 18) Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002 Non-Loadbreak Current Limiting Primary Fuse Cutouts (26 19 18 00-0001) Note: Includes the fuse and cutout switch.		
<b>26 19 18 00-0003 8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting (26 19 18 00-0002)</b>		
26 19 18 00-0004 EA 15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting.....	732.22	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
26 19 18 00-0005 EA 25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting.....	860.84	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	192.94	
26 19 18 00-0006 EA 40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting.....	989.03	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.39	
26 19 18 00-0007 EA 100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting.....	1,009.79	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.53	
26 19 18 00-0008 EA 200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting.....	1,009.79	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.53	
<b>26 19 18 00-0009 17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting (26 19 18 00-0002)</b>		
26 19 18 00-0010 EA 15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting.....	732.22	257.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
<b>26 19 18 00-0011 17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting (26 19 18 00-0002)</b>		
26 19 18 00-0012 EA 15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting.....	759.69	257.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
<b>26 19 18 00-0013 Fuseholders (26 19 18 00-0002)</b> Note: Including current limiting fuse.		
26 19 18 00-0014 EA 15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	616.50	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
26 19 18 00-0015 EA 25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	745.12	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	192.94	
26 19 18 00-0016 EA 40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	873.31	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.39	
26 19 18 00-0017 EA 100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	626.00	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
26 19 18 00-0018 EA 200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	754.62	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	192.94	
26 19 18 00-0019 EA 15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting.....	616.50	257.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
<b>26 19 18 00-0020 Accessories (26 19 18 00-0002)</b>		
26 19 18 00-0021 EA Hot Line Clamp.....	92.64	28.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.29	
26 19 18 00-0022 EA Stirrup.....	101.36	28.94
<b>26 19 18 00-0023 Loadbreak Current Limiting Primary Fuse Cutouts (26 19 18 00-0001)</b> Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
<b>26 19 18 00-0024 8.3 KV-95 KV BIL Loadbreak Current Limiting (26 19 18 00-0023)</b>		
26 19 18 00-0025 EA 15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	946.03	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	154.35	
26 19 18 00-0026 EA 25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,074.65	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	192.94	
26 19 18 00-0027 EA 40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,202.84	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.39	
26 19 18 00-0028 EA 100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,243.52	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.53	
26 19 18 00-0029 EA 200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting.....	1,243.52	321.56
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	231.53	

**26 Electrical****26 10 Medium-Voltage Electrical Distribution****26 19 High-Voltage Circuit Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 18 00-0030			<b>17.1 KV-95 KV BIL Loadbreak Current Limiting</b> (26 19 18 00-0023)		
26 19 18 00-0031	EA		15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting.....	946.03	257.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.35	
26 19 18 00-0032			<b>17.1 KV-125 KV BIL Loadbreak Current Limiting</b> (26 19 18 00-0023)		
26 19 18 00-0033	EA		15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting.....	946.03	257.25
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.35	
26 19 18 00-0034			<b>Fuseholders</b> (26 19 18 00-0023)		
			Note: Includes current limiting fuses.		
26 19 18 00-0035	EA		15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting .....	626.30	321.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.35	
26 19 18 00-0036	EA		25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting .....	754.92	321.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	192.94	
26 19 18 00-0037	EA		40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting .....	883.11	321.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	231.39	
26 19 18 00-0038	EA		15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting .....	626.30	321.56
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	154.35	
26 19 18 00-0039			<b>Pole Mounted Capacitors</b> (26 19 18 00-0023)		
26 19 18 00-0040	EA		Capacitors - Pole Mounted 6 KVAR.....	1,737.21	259.30
<b>26 19 80</b>			<b>Transmission and Distribution Accessories</b> (26 19)		
<b>26 19 80 60</b>			<b>Structure Assemblies</b> (26 19 80)		
26 19 80 60-0001			<b>Pole Structure Assemblies</b> (26 19 80 60)		
26 19 80 60-0002			<b>5 KV Pole Structure Assemblies</b> (26 19 80 60-0001)		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0003	EA		Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	528.52	244.39
26 19 80 60-0004	EA		Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	882.83	411.60
26 19 80 60-0005	EA		Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,027.55	321.56
26 19 80 60-0006	EA		Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	590.46	167.21
26 19 80 60-0007	EA		Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	745.75	231.52
26 19 80 60-0008	EA		Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,295.36	463.05
26 19 80 60-0009	EA		Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,019.08	347.29
26 19 80 60-0010	EA		Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,851.94	694.57
26 19 80 60-0011	EA		Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,106.42	784.61
26 19 80 60-0012	EA		Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,156.15	385.87
26 19 80 60-0013	EA		Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	969.14	411.60
26 19 80 60-0014	EA		Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,810.53	836.06
26 19 80 60-0015	EA		Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,400.33	501.64
26 19 80 60-0016	EA		Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	867.58	360.15
26 19 80 60-0017	EA		Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,621.31	733.16
26 19 80 60-0018	EA		Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,294.30	373.01
26 19 80 60-0019			<b>15 KV Pole Structure Assemblies</b> (26 19 80 60-0001)		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0020	EA		Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	555.98	244.39
26 19 80 60-0021	EA		Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	922.06	411.60
26 19 80 60-0022	EA		Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,160.93	321.56
26 19 80 60-0023	EA		Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	637.53	167.21
26 19 80 60-0024	EA		Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	812.44	218.66
26 19 80 60-0025	EA		Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,428.74	463.05
26 19 80 60-0026	EA		Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,117.16	347.29
26 19 80 60-0027	EA		Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,052.01	694.57
26 19 80 60-0028	EA		Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,377.10	784.61
26 19 80 60-0029	EA		Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,289.53	385.87
26 19 80 60-0030	EA		Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,020.13	411.60
26 19 80 60-0031	EA		Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,861.52	836.06
26 19 80 60-0032	EA		Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,502.33	501.64
26 19 80 60-0033	EA		Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	918.57	347.29
26 19 80 60-0034	EA		Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,672.30	733.16
26 19 80 60-0035	EA		Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,396.30	450.19
26 19 80 60-0036			<b>25 KV Pole Structure Assemblies</b> (26 19 80 60-0001)		
			Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0037	EA		Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,756.36	385.87
26 19 80 60-0038	EA		Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,082.29	192.94
26 19 80 60-0039	EA		Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,567.92	295.84
26 19 80 60-0040	EA		Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,027.06	604.54
26 19 80 60-0041	EA		Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,954.11	450.19
26 19 80 60-0042	EA		Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	3,125.12	887.51



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80 60-0043 EA Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,955.65	1,003.27
26 19 80 60-0044 EA Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,089.83	585.24
26 19 80 60-0045 EA Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,812.84	585.24
<b>26 19 80 60-0046 50 KV Pole Structure Assemblies</b> <small>(26 19 80 60-0001)</small>		
Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.		
26 19 80 60-0047 EA Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,359.40	527.36
26 19 80 60-0048 EA Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,287.32	270.11
26 19 80 60-0049 EA Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	1,614.63	424.46
26 19 80 60-0050 EA Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	3,025.26	861.79
26 19 80 60-0051 EA Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,321.91	643.12
26 19 80 60-0052 EA Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	4,451.60	1,286.24
26 19 80 60-0053 EA Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	5,282.71	1,427.72
26 19 80 60-0054 EA Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,699.30	694.57
26 19 80 60-0055 EA Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,702.31	803.90
26 19 80 60-0056 EA Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer .....	2,607.74	758.89
<b>26 19 80 60-0057 Overhead To Underground Conversion Structures</b> <small>(26 19 80 60)</small>		
Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.		
<b>26 19 80 60-0058 5 KV Structures</b> <small>(26 19 80 60-0057)</small>		
Note: Excludes pole.		
26 19 80 60-0059 EA (3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,519.22	2,572.49
26 19 80 60-0060 EA (3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,519.22	2,572.49
26 19 80 60-0061 EA (4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,519.22	2,572.49
26 19 80 60-0062 EA (4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,519.22	2,572.49
<b>26 19 80 60-0063 15 KV Structures</b> <small>(26 19 80 60-0057)</small>		
Note: Excludes pole.		
26 19 80 60-0064 EA (3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,703.81	2,572.49
26 19 80 60-0065 EA (3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,703.81	2,572.49
26 19 80 60-0066 EA (4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,703.81	2,572.49
26 19 80 60-0067 EA (4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,703.81	2,572.49
<b>26 19 80 60-0068 25 KV Structures</b> <small>(26 19 80 60-0057)</small>		
Note: Excludes pole.		
26 19 80 60-0069 EA (3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,905.17	2,572.49
26 19 80 60-0070 EA (3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,905.17	2,572.49
26 19 80 60-0071 EA (4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,905.17	2,572.49
26 19 80 60-0072 EA (4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles .....	5,905.17	2,572.49
<b>26 19 80 60-0073 Transformer Stations</b> <small>(26 19 80 60)</small>		
Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.		
<b>26 19 80 60-0074 5 KV Station</b> <small>(26 19 80 60-0073)</small>		
26 19 80 60-0075 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole .....	8,983.50	3,429.12
26 19 80 60-0076 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole .....	10,067.52	3,858.72
26 19 80 60-0077 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole .....	11,151.56	4,287.05
26 19 80 60-0078 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole .....	11,151.56	4,287.05
26 19 80 60-0079 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole .....	8,983.50	3,429.12
<b>26 19 80 60-0080 15 KV Stations</b> <small>(26 19 80 60-0073)</small>		
26 19 80 60-0081 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole .....	9,268.79	3,428.15
26 19 80 60-0082 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole .....	10,352.82	3,858.72
26 19 80 60-0083 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole .....	11,436.86	4,287.05
26 19 80 60-0084 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole .....	11,436.86	4,287.05
26 19 80 60-0085 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole .....	9,268.79	3,429.12
<b>26 19 80 60-0086 25 KV Stations</b> <small>(26 19 80 60-0073)</small>		
26 19 80 60-0087 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole .....	9,580.03	3,429.12
26 19 80 60-0088 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole .....	10,664.05	3,858.72
26 19 80 60-0089 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole .....	11,748.09	4,287.05
26 19 80 60-0090 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole .....	11,748.09	4,287.05
26 19 80 60-0091 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole .....	9,580.03	3,429.12

## 26 20 Low-Voltage Electrical Distribution (26)

### 26 21 Low-Voltage Electrical Service Entrance (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

#### 26 21 13 Low-Voltage Overhead Electrical Service Entrance (26 21)



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 21 Low-Voltage Electrical Service Entrance**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 21 13 00-0001		Service Drop Cable And Weatherheads (26 21 13)		
26 21 13 00-0002		600 Volt Insulated Stranded Conductors (26 21 13 00-0001)		
26 21 13 00-0003		Aluminum Duplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	8.69	3.06
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	10.64	3.63
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	13.00	4.08
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	18.01	5.15
26 21 13 00-0008		Aluminum Triplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	10.89	3.63
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.68	4.08
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	16.18	5.15
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	20.74	6.27
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	26.77	8.30
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	34.85	10.29
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	50.07	12.25
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral (26 21 13 00-0002)		
26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	12.74	4.08
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	16.17	5.15
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	21.01	6.60
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	28.22	8.30
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	31.53	9.19
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	37.25	10.29
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	43.48	12.25
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	58.47	13.54
26 21 13 00-0025		Weatherproof Conduit Hubs (26 21 13 00-0002)		
26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs.....	53.87	20.40
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs.....	61.47	23.18
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs.....	71.52	25.96
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs.....	99.92	34.77
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs.....	109.98	37.56
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs.....	142.70	43.58
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs.....	188.40	49.14
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs.....	243.99	57.95
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs.....	430.52	115.91
26 21 13 00-0035		Service Entrance Cap, Threaded Weatherhead, Galvanized (26 21 13 00-0002)		
26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service.....	60.00	20.40
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service.....	68.80	23.18
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	78.76	25.96
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	105.83	34.77
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	119.63	37.56
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service.....	157.05	43.58
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service.....	263.63	49.14
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service.....	300.15	57.95
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service.....	494.02	115.91
26 21 13 00-0045		Service Entrance Cap, Clamp-On Weatherhead, Aluminum (26 21 13 00-0002)		
26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	58.03	20.40
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	65.50	23.18
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	74.30	25.85
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	98.77	34.77
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	110.09	37.56
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	129.80	43.58
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	212.50	49.14
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	274.44	57.95
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	386.51	86.93
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	463.42	115.91
26 21 13 00-0056		Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) (26 21 13 00-0002)		
26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	56.16	20.40
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	64.28	23.18
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	73.06	25.85
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	97.29	34.77
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	106.01	37.56
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	130.39	43.58
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	221.56	49.14
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	247.85	57.95





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service .....	427.80	86.93
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	593.18	115.91

**26 21 16 Low-Voltage Underground Electrical Service Entrance (26 21)**

<b>26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial (26 21 16)</b>				
Note: Excludes excavation and backfill.				
26 21 16 00-0002	MLF	#6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	5,054.41	1,143.34
26 21 16 00-0003	MLF	#4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	5,945.33	1,210.61
26 21 16 00-0004	MLF	#2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	7,263.22	1,286.24
26 21 16 00-0005	MLF	1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	8,997.67	1,286.24
26 21 16 00-0006	MLF	2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	10,113.11	1,372.03
26 21 16 00-0007	MLF	3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	12,091.62	1,583.11
26 21 16 00-0008	MLF	4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial .....	14,629.98	2,057.99

**26 22 Low-Voltage Transformers (26 20)**

**26 22 13 Low-Voltage Distribution Transformers (26 22)**

<b>26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers (26 22 13)</b>				
Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.				
<b>26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)</b>				
Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.				
26 22 13 00-0003	EA	1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,594.80	297.18
26 22 13 00-0004	EA	3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	2,236.27	356.62
26 22 13 00-0005	EA	5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	2,921.04	372.08
26 22 13 00-0006	EA	7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	3,612.05	386.34
26 22 13 00-0007	EA	10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	5,282.76	416.06
26 22 13 00-0008	EA	15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	6,355.13	445.78
			273.18	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			409.77	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			6,981.38	475.49
EA 25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			301.52	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			452.28	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			6,691.41	534.93
EA 37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			281.08	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			421.62	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			8,029.11	594.37
EA 50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			342.02	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			513.03	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			10,698.70	713.24
EA 75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			463.61	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			695.42	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			13,656.47	832.12
EA 100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			599.61	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			899.42	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			22,031.12	1,069.86
EA 167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			994.57	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			1,491.86	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			40,351.14	1,307.61
EA 250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			1,886.80	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			2,830.19	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add			63,853.16	1,485.92
EA 333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....			3,044.07	
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add			4,566.10	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add				
<b>26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)</b>				
Note: 1-10 Percent x 2-5 percent FCBN taps.				
26 22 13 00-0018	EA	3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	1,770.69	356.62
26 22 13 00-0019	EA	5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	2,174.98	371.48
26 22 13 00-0020	EA	7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	2,778.08	386.34
26 22 13 00-0021	EA	10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	3,321.64	416.06
<b>26 22 13 00-0022 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers (26 22 13 00-0001)</b>				
Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.				
26 22 13 00-0023	EA	15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	6,628.30	445.78
26 22 13 00-0024	EA	25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry .....	7,282.90	475.49
<b>26 22 13 00-0025 1 Phase Mounting Brackets (26 22 13 00-0001)</b>				
26 22 13 00-0026	EA	1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA .....	597.41	211.77
<b>26 22 13 00-0027 1 Phase Weathershields (26 22 13 00-0001)</b>				
Note: Use with types DT-3 and DS-3.				

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 22 13 00-0028	EA	37.5 KVA 1 Phase Weathershields, Set Of 2.....	196.81	
26 22 13 00-0029	EA	50 KVA 1 Phase Weathershields, Set Of 2.....	250.87	
26 22 13 00-0030	EA	75 KVA 1 Phase Weathershields, Set Of 2.....	299.16	
26 22 13 00-0031	EA	100 KVA 1 Phase Weathershields, Set Of 2.....	356.89	
26 22 13 00-0032	EA	167 KVA 1 Phase Weathershields, Set Of 2.....	482.85	
26 22 13 00-0033	EA	250 KVA 1 Phase Weathershields, Set Of 2.....	577.32	
26 22 13 00-0034	EA	333 KVA 1 Phase Weathershields, Set Of 2.....	708.53	
<b>26 22 13 00-0035</b>		<b>Packaged Power Supply</b> (26 22 13 00-0001)		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA	5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers.....	3,636.45	371.48
26 22 13 00-0037	EA	7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers.....	4,155.99	386.34
26 22 13 00-0038	EA	10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers.....	4,507.20	416.06
26 22 13 00-0039	EA	15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers.....	5,661.39	445.78
26 22 13 00-0040	EA	25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers.....	8,065.59	475.49
<b>26 22 13 00-0041</b>		<b>240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade</b> (26 22 13 00-0001)		
26 22 13 00-0042	EA	0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	2,713.01	267.47
26 22 13 00-0043	EA	1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	3,979.58	297.18
26 22 13 00-0044	EA	2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	4,623.29	356.62
26 22 13 00-0045	EA	5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	5,151.61	371.48
26 22 13 00-0046	EA	7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	5,863.61	386.34
26 22 13 00-0047	EA	10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	7,707.51	416.06
26 22 13 00-0048	EA	15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	10,170.70	445.78
<b>26 22 13 00-0049</b>		<b>1 Phase, 208/600 Volt, Dry General Purpose Transformer</b> (26 22 13 00-0001)		
26 22 13 00-0050	EA	15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	12,702.23	445.78
26 22 13 00-0051	EA	25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	13,153.13	475.49
26 22 13 00-0052	EA	30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	13,645.69	505.21
26 22 13 00-0053	EA	37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	18,235.07	534.93
26 22 13 00-0054	EA	45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	18,934.00	564.65
26 22 13 00-0055	EA	50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	25,523.80	594.37
<b>26 22 13 00-0056</b>		<b>3 Phase General Purpose "Dry Type" Transformer</b> (26 22 13)		
		Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
<b>26 22 13 00-0057</b>		<b>Packaged Power Supply</b> (26 22 13 00-0056)		
		Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA	15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers.....	16,424.87	1,277.89
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	693.46	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,040.18	
26 22 13 00-0059	EA	22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers.....	19,920.88	1,367.04
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	859.34	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,289.01	
26 22 13 00-0060	EA	30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers.....	24,059.79	1,485.92
		For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,054.40	
		For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,581.60	
<b>26 22 13 00-0061</b>		<b>Drive Isolation Transformers</b> (26 22 13 00-0056)		
		Note: Only use in step-up applications.		
<b>26 22 13 00-0062</b>		<b>230 Volt Drive Isolation Transformers</b> (26 22 13 00-0061)		
26 22 13 00-0063	EA	7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	9,470.18	475.49
26 22 13 00-0064	EA	11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	11,123.00	505.21
26 22 13 00-0065	EA	15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	11,501.11	534.93
26 22 13 00-0066	EA	20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	13,629.80	564.65
26 22 13 00-0067	EA	27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,075.84	624.08
26 22 13 00-0068	EA	34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	15,477.90	683.53
26 22 13 00-0069	EA	40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	17,525.82	742.96
26 22 13 00-0070	EA	51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	20,419.22	832.12
26 22 13 00-0071	EA	63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	22,131.51	861.83
26 22 13 00-0072	EA	75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	25,636.87	891.55
26 22 13 00-0073	EA	93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	32,422.44	921.27
26 22 13 00-0074	EA	118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	36,318.41	1,129.30
26 22 13 00-0075	EA	145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	40,571.55	1,188.73
26 22 13 00-0076	EA	175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	46,575.26	1,248.17
26 22 13 00-0077	EA	220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	56,844.65	1,485.92
26 22 13 00-0078	EA	275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	75,497.23	1,753.38
26 22 13 00-0079	EA	330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	79,618.44	1,931.69
26 22 13 00-0080	EA	440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	97,145.14	2,139.72
26 22 13 00-0081	EA	550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	120,131.73	2,377.47
<b>26 22 13 00-0082</b>		<b>208V Drive Isolation Transformers</b> (26 22 13 00-0061)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0083 EA 7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	9,903.81	475.49
26 22 13 00-0084 EA 11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	11,637.73	505.21
26 22 13 00-0085 EA 15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	12,032.06	534.93
26 22 13 00-0086 EA 20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,266.08	564.65
26 22 13 00-0087 EA 27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,728.77	624.08
26 22 13 00-0088 EA 30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	16,136.71	653.80
26 22 13 00-0089 EA 45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	18,401.68	772.67
26 22 13 00-0090 EA 51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	21,373.84	832.12
26 22 13 00-0091 EA 63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	23,170.27	861.83
26 22 13 00-0092 EA 75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	26,851.03	891.55
26 22 13 00-0093 EA 93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	33,978.96	921.27
26 22 13 00-0094 EA 118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	38,052.06	1,129.30
26 22 13 00-0095 EA 145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	42,515.63	1,188.73
26 22 13 00-0096 EA 175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	48,818.88	1,248.17
26 22 13 00-0097 EA 220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	59,586.78	1,485.92
<b>26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps (26 22 13 00-0098)</b>		
26 22 13 00-0099 EA 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	6,531.74	490.35
26 22 13 00-0100 EA 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	8,686.54	534.93
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	380.83	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	571.25	
<b>26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps (26 22 13 00-0101)</b>		
26 22 13 00-0102 EA 30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	9,674.33	653.80
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	418.34	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	627.50	
For K4 Factor Rating, Add	5,856.70	
For K13 Factor Rating, Add	8,366.72	
For K20 Factor Rating, Add	10,876.74	
26 22 13 00-0103 EA 37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	11,768.20	713.24
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	517.09	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	775.63	
For K4 Factor Rating, Add	7,239.21	
For K13 Factor Rating, Add	10,341.73	
For K20 Factor Rating, Add	13,444.25	
26 22 13 00-0104 EA 45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	12,272.36	772.67
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	536.35	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	804.53	
For K4 Factor Rating, Add	7,508.91	
For K13 Factor Rating, Add	10,727.01	
For K20 Factor Rating, Add	13,945.11	
26 22 13 00-0105 EA 50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	16,325.66	832.12
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	733.07	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,099.61	
For K4 Factor Rating, Add	10,263.01	
For K13 Factor Rating, Add	14,661.44	
For K20 Factor Rating, Add	19,059.87	
26 22 13 00-0106 EA 75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	16,017.15	891.55
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	711.70	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,067.55	
For K4 Factor Rating, Add	9,963.84	
For K13 Factor Rating, Add	14,234.05	
For K20 Factor Rating, Add	18,504.27	
26 22 13 00-0107 EA 112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	19,983.75	1,069.86
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	892.20	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,338.30	
For K4 Factor Rating, Add	12,490.82	
For K13 Factor Rating, Add	17,844.03	
For K20 Factor Rating, Add	23,197.24	
26 22 13 00-0108 EA 150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	26,175.23	1,188.73
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,189.89	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	1,784.83	
For K4 Factor Rating, Add	16,658.43	
For K13 Factor Rating, Add	23,797.76	
For K20 Factor Rating, Add	30,937.09	
26 22 13 00-0109 EA 225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	35,852.88	1,485.92
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,644.05	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	2,466.08	
For K4 Factor Rating, Add	23,016.74	
For K13 Factor Rating, Add	32,881.05	
For K20 Factor Rating, Add	42,745.37	
26 22 13 00-0110 EA 300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	43,665.98	1,842.53
For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add	1,999.05	
For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add	2,998.57	
For K4 Factor Rating, Add	27,986.64	
For K13 Factor Rating, Add	39,980.91	
For K20 Factor Rating, Add	51,975.18	

**26 Electrical**

**26 20 Low-Voltage Electrical Distribution**

**26 22 Low-Voltage Transformers**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0111	EA		500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	63,062.75 2,927.28 4,390.92 40,981.90 58,545.57 76,109.24	2,258.59
26 22 13 00-0112	EA		750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	148,274.21 7,140.30 10,710.45 99,964.24 142,806.05 185,647.87	2,732.91
26 22 13 00-0113	EA		1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	196,071.38 9,506.39 14,259.58 133,089.40 190,127.71 247,166.02	2,971.83
<b>26 22 13 00-0114 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps</b> <small>(26 22 13 00-0056)</small>					
26 22 13 00-0115	EA		6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	5,247.71 3,028.51 4,326.44 5,624.37	460.64
26 22 13 00-0116	EA		9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	6,531.74 3,885.72 5,551.03 7,216.34	490.35
26 22 13 00-0117	EA		15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	8,686.54 380.83 571.25 5,331.68 7,616.68 9,901.68	534.93
<b>26 22 13 00-0118 480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps</b> <small>(26 22 13 00-0056)</small>					
26 22 13 00-0119	EA		30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	17,234.01 796.32 1,194.48 11,148.48 15,926.40 20,704.32	653.80
26 22 13 00-0120	EA		45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	19,268.26 886.15 1,329.22 12,406.04 17,722.91 23,039.78	772.67
26 22 13 00-0121	EA		75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	28,737.54 1,347.72 2,021.58 18,868.11 26,954.44 35,040.77	891.55
26 22 13 00-0122	EA		112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	36,138.92 1,699.96 2,549.94 23,799.44 33,999.20 44,198.96	1,069.86
26 22 13 00-0123	EA		150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	43,650.19 2,063.64 3,095.45 28,890.90 41,272.72 53,654.54	1,188.73
26 22 13 00-0124	EA		225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	55,999.28 2,651.37 3,977.06 37,119.22 53,027.45 68,935.69	1,485.92
26 22 13 00-0125	EA		300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	68,043.34 3,217.91 4,826.87 45,050.79 64,358.27 83,665.75	1,842.53





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0126 EA 500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry..... <i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i> <i>For K4 Factor Rating, Add</i> <i>For K13 Factor Rating, Add</i> <i>For K20 Factor Rating, Add</i>	110,222.19 5,285.25 7,927.88 73,993.51 105,705.01 137,416.51	2,258.59
26 22 13 00-0127 NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0056)		
26 22 13 00-0128 Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0127) Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0129 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0128)		
26 22 13 00-0130 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,489.04	534.70
26 22 13 00-0131 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,256.26	653.52
26 22 13 00-0132 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,128.33	772.35
26 22 13 00-0133 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,860.19	891.17
26 22 13 00-0134 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,156.68	1,069.40
26 22 13 00-0135 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	11,366.19	1,188.22
26 22 13 00-0136 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	15,054.05	1,485.28
26 22 13 00-0137 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	21,148.58	1,841.74
26 22 13 00-0138 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0128)		
26 22 13 00-0139 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,217.04	534.70
26 22 13 00-0140 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,138.09	653.52
26 22 13 00-0141 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,203.67	772.35
26 22 13 00-0142 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,383.79	891.17
26 22 13 00-0143 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	10,729.28	1,069.40
26 22 13 00-0144 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	14,063.12	1,188.22
26 22 13 00-0145 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	18,679.34	1,485.28
26 22 13 00-0146 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	26,388.11	1,841.74
26 22 13 00-0147 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0128)		
26 22 13 00-0148 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,942.10	534.70
26 22 13 00-0149 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,022.37	653.52
26 22 13 00-0150 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	7,279.02	772.35
26 22 13 00-0151 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,904.95	891.17
26 22 13 00-0152 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	12,713.39	1,069.40
26 22 13 00-0153 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	16,760.04	1,188.22
26 22 13 00-0154 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	22,304.64	1,485.28
26 22 13 00-0155 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	31,627.64	1,841.74
26 22 13 00-0156 Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0127) Note: Two taps at 2.5%, four at -2.5%.		
26 22 13 00-0157 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers (26 22 13 00-0156)		
26 22 13 00-0158 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,699.59	534.70
26 22 13 00-0159 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,728.43	653.52



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 22 13 00-0160	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,918.93		772.35
26 22 13 00-0161	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	9,397.89		891.17
26 22 13 00-0162	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	12,742.78		1,069.40
26 22 13 00-0163	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	15,954.15		1,188.22
26 22 13 00-0164	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	21,219.50		1,485.28
26 22 13 00-0165	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	30,062.39		1,841.74
<b>26 22 13 00-0166</b>		<b>115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers</b> <small>(26 22 13 00-0156)</small>			
26 22 13 00-0167	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,424.65		534.70
26 22 13 00-0168	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,612.71		653.52
26 22 13 00-0169	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,994.28		772.35
26 22 13 00-0170	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,921.51		891.17
26 22 13 00-0171	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	16,603.23		1,069.40
26 22 13 00-0172	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	20,916.88		1,188.22
26 22 13 00-0173	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	26,696.64		1,485.28
26 22 13 00-0174	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	39,735.56		1,841.74
<b>26 22 13 00-0175</b>		<b>80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers</b> <small>(26 22 13 00-0156)</small>			
26 22 13 00-0176	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,152.16		534.70
26 22 13 00-0177	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,496.98		653.52
26 22 13 00-0178	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	9,069.61		772.35
26 22 13 00-0179	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	12,442.65		891.17
26 22 13 00-0180	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	19,704.34		1,069.40
26 22 13 00-0181	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	25,416.66		1,188.22
26 22 13 00-0182	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	32,171.32		1,485.28
26 22 13 00-0183	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	47,461.36		1,841.74
<b>26 22 13 00-0184</b>		<b>3 Phase Weathershields</b> <small>(26 22 13 00-0056)</small> Note: Use with type DT-3 and DS-3.			
26 22 13 00-0185	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 .....	1,850.34		
26 22 13 00-0186	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 .....	3,142.22		
26 22 13 00-0187	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2 .....	3,142.22		
<b>26 22 13 00-0188</b>		<b>Three Phase Mounting Brackets</b> <small>(26 22 13 00-0056)</small>			
26 22 13 00-0189	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	1,411.30		211.77
<b>26 22 13 00-0190</b>		<b>Pad Mounted Commercial Type Distribution Transformers UL Listed</b> <small>(26 22 13)</small>			
<b>26 22 13 00-0191</b>		<b>Distribution 3 Phase Oil Filled Transformer</b> <small>(26 22 13 00-0190)</small> Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.			
<b>26 22 13 00-0192</b>		<b>Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 95 KV BIL</b> <small>(26 22 13 00-0191)</small> Note: Rated to 5 KVA.			
26 22 13 00-0193	EA	75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	44,903.71		1,425.86
26 22 13 00-0194	EA	112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	50,572.40		1,425.86
26 22 13 00-0195	EA	150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	58,092.95		2,459.62
26 22 13 00-0196	EA	225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	68,623.73		2,459.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0197 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	77,257.01	3,683.48
26 22 13 00-0198 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	105,237.80	4,871.70
26 22 13 00-0199 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	139,927.74	6,178.75
26 22 13 00-0200 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 480 Y /277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	162,100.65	7,485.79
<b>26 22 13 00-0201 Primary 4.16 / 4.8 KV, Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL</b> <small>(26 22 13 00-0191)</small>		
<small>Note: Rated to 5 KVA.</small>		
26 22 13 00-0202 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	44,903.71	1,425.86
26 22 13 00-0203 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	50,572.40	1,425.86
26 22 13 00-0204 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	58,092.95	2,459.62
26 22 13 00-0205 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	68,945.97	2,459.62
26 22 13 00-0206 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	78,104.64	3,683.48
26 22 13 00-0207 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	105,438.35	4,871.70
26 22 13 00-0208 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	156,873.28	6,178.75
26 22 13 00-0209 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 13.8 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	165,722.33	7,485.79
<b>26 22 13 00-0210 Factory Modifications</b> <small>(26 22 13 00-0191)</small>		
<small>Note: For use with series 4100 3 phase transformers.</small>		
26 22 13 00-0211 EA Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification.....	3,390.51	
26 22 13 00-0212 EA Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification.....	551.33	
26 22 13 00-0213 EA Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification.....	2,205.34	
26 22 13 00-0214 EA Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification.....	6,353.70	
26 22 13 00-0215 EA Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification.....	778.35	
26 22 13 00-0216 EA Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification.....	616.20	
<b>26 22 13 00-0217 Accessories For Transformer Liquid Containment Area</b> <small>(26 22 13 00-0191)</small>		
<small>Note: Reinforced concrete curb with 6" slab.</small>		
26 22 13 00-0218 EA Containment Area For 75 KVA.....	8,653.75	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,652.37
26 22 13 00-0219 EA Containment Area For 112.5 KVA.....	8,653.75	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,652.37
26 22 13 00-0220 EA Containment Area For 150 KVA.....	8,653.75	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,652.37
26 22 13 00-0221 EA Containment Area For 225 KVA.....	8,653.75	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,652.37
26 22 13 00-0222 EA Containment Area For 300 KVA.....	8,644.86	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,649.71
26 22 13 00-0223 EA Containment Area For 500 KVA.....	8,644.86	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,649.71
26 22 13 00-0224 EA Containment Area For 750 KVA.....	8,735.67	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,649.71
26 22 13 00-0225 EA Containment Area For 1,000 KVA.....	10,052.39	2,478.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		1,649.71
<b>26 22 13 00-0226 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL</b> <small>(26 22 13 00-0191)</small>		
<small>Note: Rated to 5 KVA.</small>		
26 22 13 00-0227 EA 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	20,087.81	1,425.86
26 22 13 00-0228 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	22,033.69	1,425.86
26 22 13 00-0229 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	23,330.95	1,425.86
26 22 13 00-0230 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	27,222.71	1,425.86
26 22 13 00-0231 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	28,828.81	2,138.80
26 22 13 00-0232 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	30,126.07	2,138.80
26 22 13 00-0233 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	45,693.14	2,138.80
26 22 13 00-0234 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	58,337.20	2,851.73
26 22 13 00-0235 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted.....	75,201.53	2,851.73

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0236			<b>Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL</b> <small>(26 22 13 00-0191)</small>		
			Note: Rated to 5 KVA.		
26 22 13 00-0237	EA		45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	20,736.43	1,425.86
26 22 13 00-0238	EA		75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	23,330.95	1,425.86
26 22 13 00-0239	EA		112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	23,979.57	1,425.86
26 22 13 00-0240	EA		150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	24,628.20	1,425.86
26 22 13 00-0241	EA		225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	28,828.81	2,138.80
26 22 13 00-0242	EA		300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	31,423.33	2,138.80
26 22 13 00-0243	EA		500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	45,693.14	2,138.80
26 22 13 00-0244	EA		750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	58,985.82	2,851.73
26 22 13 00-0245	EA		1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted .....	75,201.53	2,851.73
26 22 13 00-0246			<b>19.8 KV Primary, 480 Volt Secondary</b> <small>(26 22 13 00-0191)</small>		
			Note: Include bayonet weak link and current limiting primary fusing and current transformers on each phase of secondary with GE KV electric meter, 6 bushings to receive 200 ampere elbows on the primary with 3 lightning arrestors mounted on three of the bushings, 20 kv load break switch, pressure gage, temperature gage, level gage, pressure relief valve, and drain plug. Also includes 3 spare current limiting fuses and 3 spare bayonet weak link fuses. Transformers shall be installed on a concrete pad. Cooper, ABB or General Electric transformers.		
26 22 13 00-0247	EA		150 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	13,289.47	1,444.64
26 22 13 00-0248	EA		225 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	14,537.84	2,162.80
26 22 13 00-0249	EA		300 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	15,122.73	2,162.80
26 22 13 00-0250	EA		500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	22,125.63	2,162.80
26 22 13 00-0251	EA		750 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	28,343.03	2,889.39
26 22 13 00-0252	EA		1,000 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	39,590.26	2,889.39
26 22 13 00-0253	EA		1,500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	52,234.05	3,119.08
26 22 13 00-0254	EA		2,000 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	67,460.34	3,297.31
26 22 13 00-0255	EA		2,500 KVA, 19.8 KV Primary, 480 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	88,694.05	3,742.89
26 22 13 00-0256			<b>19.8 KV Primary, 208 Volt Secondary</b> <small>(26 22 13 00-0191)</small>		
			Note: Include bayonet weak link and current limiting primary fusing and current transformers on each phase of secondary with GE KV electric meter, 6 bushings to receive 200 ampere elbows on the primary with 3 lightning arrestors mounted on three of the bushings, 20 kv load break switch, pressure gage, temperature gage, level gage, pressure relief valve, and drain plug. Also includes 3 spare current limiting fuses and 3 spare bayonet weak link fuses. Transformers shall be installed on a concrete pad. Cooper, ABB or General Electric transformers.		
26 22 13 00-0257	EA		150 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	13,729.91	1,444.64
26 22 13 00-0258	EA		225 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	14,990.02	2,162.80
26 22 13 00-0259	EA		300 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	15,596.48	2,162.80
26 22 13 00-0260	EA		500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	22,859.71	2,162.80
26 22 13 00-0261	EA		750 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	29,275.13	2,889.39
26 22 13 00-0262	EA		1,000 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	40,949.76	2,889.39
26 22 13 00-0263	EA		1,500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	50,880.28	3,119.08
26 22 13 00-0264	EA		2,000 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	69,606.49	3,297.31
26 22 13 00-0265	EA		2,500 KVA, 19.8 KV Primary, 208 V Secondary, 3 Phase, Oil Transformer, Pad Mounted .....	91,542.58	3,742.89
26 22 13 00-0266			<b>Primary 5 KV Or 15 KV, Secondary 277/480 Volt</b> <small>(26 22 13 00-0190)</small>		
			Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0267	EA		150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	71,624.62	1,872.02
26 22 13 00-0268	EA		225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	78,008.17	2,209.95
26 22 13 00-0269	EA		300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	87,285.50	2,701.05
26 22 13 00-0270	EA		500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	104,210.36	3,039.00
26 22 13 00-0271	EA		750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	128,878.89	3,198.85
26 22 13 00-0272	EA		1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	154,704.70	4,673.97
26 22 13 00-0273	EA		1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	182,421.27	5,287.85
26 22 13 00-0274	EA		2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	229,080.16	6,077.99
26 22 13 00-0275	EA		2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	253,973.08	6,381.89
26 22 13 00-0276	EA		3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	267,307.60	7,111.49
26 22 13 00-0277	EA		3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase .....	308,116.40	7,597.73
26 22 13 00-0278			<b>Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled</b> <small>(26 22 13 00-0190)</small>		
26 22 13 00-0279	EA		1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled .....	131,816.73	5,295.30
26 22 13 00-0280	EA		2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled .....	162,742.88	6,089.63
26 22 13 00-0281	EA		2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled .....	185,699.04	6,410.10
26 22 13 00-0282	EA		3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled .....	196,785.98	7,164.25
26 22 13 00-0283	EA		3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled .....	221,444.87	7,381.34



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>26 22 13 00-0284</b>	<b>Silicone Filled Distribution Transformers, 3 Phase</b> <small>(26 22 13 00-0190)</small>		
	Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0285	EA 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	125,273.68	2,209.95
26 22 13 00-0286	EA 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	133,980.07	2,701.05
26 22 13 00-0287	EA 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	157,158.97	3,039.00
26 22 13 00-0288	EA 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	191,208.57	3,198.85
26 22 13 00-0289	EA 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	227,891.14	4,673.97
26 22 13 00-0290	EA 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	290,883.36	5,287.85
26 22 13 00-0291	EA 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	354,371.96	6,077.99
26 22 13 00-0292	EA 2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase .....	406,270.64	6,381.89

<b>26 22 13 00-0293</b>	<b>Accessories For Pad Mounted Transformer</b> <small>(26 22 13 00-0190)</small>		
26 22 13 00-0294	EA Elbow Lightning Arrestor, For 19.8 KV Transformer .....	183.50	57.95

<b>26 22 13 00-0295</b>	<b>Foam Core Poly Transformer Pads</b> <small>(26 22 13)</small>		
26 22 13 00-0296	EA Single Phase Foam Core Poly Pads.....	474.52	39.36
	Note: Excludes site prep.		

**26 24 Switchboards and Panelboards** (26 20)

<b>26 24 13</b>	<b>Switchboards</b> <small>(26 24)</small>		
	Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.		

<b>26 24 13 00-0001</b>	<b>Fusible Switch Type 240 Volt, 3 Phase, 3 Wire</b> <small>(26 24 13)</small>		
<b>26 24 13 00-0002</b>	<b>Incoming Service Section Main Device Only</b> <small>(26 24 13 00-0001)</small>		
	Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0003	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	4,237.21	1,013.80
26 24 13 00-0004	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	4,698.15	1,072.34
26 24 13 00-0005	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	7,674.13	1,216.41
26 24 13 00-0006	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	8,267.70	1,304.03
26 24 13 00-0007	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	13,383.14	1,390.37
26 24 13 00-0008	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....	14,936.02	1,478.35
26 24 13 00-0009	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	5,165.64	1,013.80
26 24 13 00-0010	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	6,654.84	1,072.34
26 24 13 00-0011	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	9,321.96	1,217.45
26 24 13 00-0012	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	12,811.96	1,304.03
26 24 13 00-0013	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	13,383.14	1,391.77
26 24 13 00-0014	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	14,936.02	1,478.35
26 24 13 00-0015	EA 2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	17,989.80	1,545.57
26 24 13 00-0016	EA 3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	20,407.42	1,655.80
26 24 13 00-0017	EA 4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker .....	24,118.50	1,784.92
26 24 13 00-0018	EA 400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,841.17	898.26
26 24 13 00-0019	EA 600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,145.48	956.32
26 24 13 00-0020	EA 800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,601.92	1,100.85
26 24 13 00-0021	EA 1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,889.14	1,147.10
26 24 13 00-0022	EA 1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,147.20	1,188.48
26 24 13 00-0023	EA 1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,549.28	1,274.25
26 24 13 00-0024	EA 2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,920.01	1,361.64

<b>26 24 13 00-0025</b>	<b>Branch Breaker Units</b> <small>(26 24 13 00-0001)</small>		
	Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA 15 To 60 Amperes, 240 Volt, MC Branch Breaker .....	372.02	35.35
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.21	
26 24 13 00-0027	EA 70 To 100 Amperes, 240 Volt, MC Branch Breaker .....	544.42	55.64
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.38	
26 24 13 00-0028	EA 125 To 225 Amperes, 240 Volt, MC Branch Breaker .....	1,470.25	101.41
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.85	
26 24 13 00-0029	EA 100 To 400 Amperes, 240 Volt, MC Branch Breaker .....	2,618.31	132.13
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.28	
26 24 13 00-0030	EA 300 To 600 Amperes, 240 Volt, MC Branch Breaker .....	4,648.96	324.53
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.69	
26 24 13 00-0031	EA 400 To 800 Amperes, 240 Volt, MC Branch Breaker .....	7,475.71	324.53
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	194.69	
26 24 13 00-0032	EA 600 To 1,200 Amperes, 240 Volt, MC Branch Breaker .....	12,111.53	578.36
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	347.02	

<b>26 24 13 00-0033</b>	<b>Fusible Switch Type 480 Volt, 3 Phase, 3 Wire</b> <small>(26 24 13)</small>		
<b>26 24 13 00-0034</b>	<b>Incoming Service Section Main Device Only</b> <small>(26 24 13 00-0033)</small>		
	Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035	EA 400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch .....	6,006.55	1,315.50
26 24 13 00-0036	EA 600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch .....	6,721.22	1,315.50



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 13 00-0037	EA	800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		10,051.20	1,709.58
26 24 13 00-0038	EA	1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		11,407.05	1,709.58
<b>26 24 13 00-0039</b>		<b>Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire <small>(26 24 13)</small></b>			
<b>26 24 13 00-0040</b>		<b>Incoming Service Section Main Device Only <small>(26 24 13 00-0039)</small></b>			
		Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0041	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		3,815.22	898.26
26 24 13 00-0042	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		4,255.35	956.32
26 24 13 00-0043	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		6,580.35	1,100.85
26 24 13 00-0044	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch .....		7,150.97	1,187.55
26 24 13 00-0045	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....		4,696.58	898.26
26 24 13 00-0046	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....		5,961.57	956.32
26 24 13 00-0047	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....		8,410.86	1,100.85
26 24 13 00-0048	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....		12,143.44	1,187.55
26 24 13 00-0049	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker.....		14,266.44	1,332.89
26 24 13 00-0050	EA	200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		2,645.56	782.23
26 24 13 00-0051	EA	600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		2,970.76	840.41
26 24 13 00-0052	EA	800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		3,487.69	984.95
26 24 13 00-0053	EA	1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		3,759.14	1,031.19
26 24 13 00-0054	EA	1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		4,022.37	1,072.34
26 24 13 00-0055	EA	1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		4,367.66	1,147.10
26 24 13 00-0056	EA	2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		4,705.97	1,216.41
26 24 13 00-0057	EA	2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		5,842.32	1,506.74
26 24 13 00-0058	EA	3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		6,545.02	1,651.63
26 24 13 00-0059	EA	4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug.....		7,728.14	1,782.02
<b>26 24 13 00-0060</b>		<b>Branch Breaker Units <small>(26 24 13 00-0039)</small></b>			
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.			
26 24 13 00-0061	EA	15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker .....		198.15	30.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		18.43	
26 24 13 00-0062	EA	70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker .....		314.43	51.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		30.60	
26 24 13 00-0063	EA	125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker .....		971.19	71.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		42.77	
26 24 13 00-0064	EA	100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker .....		2,810.24	91.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		54.94	
26 24 13 00-0065	EA	300 To 600 Amperes, 120/240 Volt, MC Branch Breaker .....		4,414.18	223.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		133.86	
26 24 13 00-0066	EA	400 To 800 Amperes, 120/240 Volt, MC Branch Breaker .....		6,289.89	223.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		133.86	
26 24 13 00-0067	EA	600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker .....		10,362.35	425.94
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		255.59	
<b>26 24 13 00-0068</b>		<b>Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire <small>(26 24 13)</small></b>			
<b>26 24 13 00-0069</b>		<b>Incoming Service Section Main Device Only <small>(26 24 13 00-0068)</small></b>			
		Note: Copper bus, non-metering type, with fuses.			
26 24 13 00-0070	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		4,238.64	1,013.80
26 24 13 00-0071	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		4,696.57	1,072.34
26 24 13 00-0072	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		7,672.08	1,216.41
26 24 13 00-0073	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		8,265.35	1,304.03
26 24 13 00-0074	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		13,377.80	1,390.37
26 24 13 00-0075	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch .....		14,936.02	1,478.35
26 24 13 00-0076	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		5,167.07	1,013.80
26 24 13 00-0077	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		6,653.26	1,072.34
26 24 13 00-0078	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		9,321.96	1,217.45
26 24 13 00-0079	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		12,809.61	1,304.03
26 24 13 00-0080	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		13,380.46	1,391.77
26 24 13 00-0081	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....		14,936.02	1,478.35
26 24 13 00-0082	EA	400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		2,988.48	898.26
26 24 13 00-0083	EA	600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		3,349.51	956.32
26 24 13 00-0084	EA	800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		3,908.03	1,100.85
26 24 13 00-0085	EA	1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		4,211.35	1,147.10
26 24 13 00-0086	EA	1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		4,505.08	1,188.48
26 24 13 00-0087	EA	1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		4,893.09	1,274.25
26 24 13 00-0088	EA	2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		5,286.39	1,361.64
26 24 13 00-0089	EA	2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		6,287.13	1,547.32
26 24 13 00-0090	EA	3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		6,966.04	1,655.68
26 24 13 00-0091	EA	4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....		8,255.06	1,779.12
<b>26 24 13 00-0092</b>		<b>Branch Breaker Units <small>(26 24 13 00-0068)</small></b>			
		Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.			
26 24 13 00-0093	EA	15 To 60 Amperes, 120/208 Volt, MC Branch Breaker .....		372.02	35.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		21.21	
26 24 13 00-0094	EA	70 To 100 Amperes, 120/208 Volt, MC Branch Breaker .....		544.42	55.64
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		33.38	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0095 EA 125 To 225 Amperes, 120/208 Volt, MC Branch Breaker.....	1,470.25	101.41
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.85	
26 24 13 00-0096 EA 100 To 400 Amperes, 120/208 Volt, MC Branch Breaker.....	2,618.31	132.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	79.28	
26 24 13 00-0097 EA 300 To 600 Amperes, 120/208 Volt, MC Branch Breaker.....	4,648.96	324.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	194.69	
26 24 13 00-0098 EA 400 To 800 Amperes, 120/208 Volt, MC Branch Breaker.....	7,475.71	324.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	194.69	
26 24 13 00-0099 EA 600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker.....	12,111.53	578.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	347.02	
<b>26 24 13 00-0100 Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire (26 24 13)</b>		
<b>26 24 13 00-0101 Incoming Service Section Main Device Only (26 24 13 00-0100)</b>		
Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0102 EA 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,481.37	1,390.37
26 24 13 00-0103 EA 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	6,024.52	1,478.35
26 24 13 00-0104 EA 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	8,646.74	1,650.11
26 24 13 00-0105 EA 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	9,458.33	1,766.83
26 24 13 00-0106 EA 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	7,057.64	1,390.37
26 24 13 00-0107 EA 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	9,557.48	1,478.35
26 24 13 00-0108 EA 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	10,833.18	1,651.97
26 24 13 00-0109 EA 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	13,735.17	1,766.83
26 24 13 00-0110 EA 1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	14,364.99	1,884.02
26 24 13 00-0111 EA 2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	15,981.49	2,001.08
26 24 13 00-0112 EA 400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,988.48	898.26
26 24 13 00-0113 EA 600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,349.51	956.32
26 24 13 00-0114 EA 800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,908.03	1,100.85
26 24 13 00-0115 EA 1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,211.35	1,147.10
26 24 13 00-0116 EA 1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,505.08	1,188.48
26 24 13 00-0117 EA 1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,893.09	1,274.25
26 24 13 00-0118 EA 2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	5,286.39	1,361.64
<b>26 24 13 00-0119 Branch Breaker Units (26 24 13 00-0100)</b>		
Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0120 EA 15 To 60 Amperes, 480/277 Volt, MC Branch Breaker.....	776.92	35.35
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.21	
26 24 13 00-0121 EA 70 To 100 Amperes, 480/277 Volt, MC Branch Breaker.....	892.82	55.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.38	
26 24 13 00-0122 EA 125 To 225 Amperes, 480/277 Volt, MC Branch Breaker.....	1,619.03	101.41
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	60.85	
26 24 13 00-0123 EA 100 To 400 Amperes, 480/277 Volt, MC Branch Breaker.....	2,618.31	132.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	79.28	
26 24 13 00-0124 EA 300 To 600 Amperes, 480/277 Volt, MC Branch Breaker.....	6,272.32	324.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	194.69	
26 24 13 00-0125 EA 400 To 800 Amperes, 480/277 Volt, MC Branch Breaker.....	6,417.33	324.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	194.69	
26 24 13 00-0126 EA 600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker.....	10,286.67	578.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	347.02	
<b>26 24 13 00-0127 Fusible Branch Circuit Switch (26 24 13)</b>		
Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
<b>26 24 13 00-0128 240 Volt, 2 Pole Twin Branch Switch Units (26 24 13 00-0127)</b>		
26 24 13 00-0129 EA 30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	790.58	90.98
For Electrical Interlock Kit, Add	329.23	
26 24 13 00-0130 EA 30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	787.76	90.98
For Electrical Interlock Kit, Add	329.23	
26 24 13 00-0131 EA 60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	787.76	90.98
For Electrical Interlock Kit, Add	329.23	
26 24 13 00-0132 EA 60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,240.51	119.96
For Electrical Interlock Kit, Add	329.23	
26 24 13 00-0133 EA 100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,240.51	119.96
For Electrical Interlock Kit, Add	329.23	
<b>26 24 13 00-0134 240 Volt, 2 Pole Single Branch Switch Units (26 24 13 00-0127)</b>		
26 24 13 00-0135 EA 100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	907.03	89.25
For Electrical Interlock Kit, Add	315.39	
26 24 13 00-0136 EA 200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	1,329.95	89.25
For Electrical Interlock Kit, Add	315.39	
26 24 13 00-0137 EA 400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	3,416.37	240.50
<b>26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units (26 24 13 00-0127)</b>		
26 24 13 00-0139 EA 30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,015.64	102.58
For Electrical Interlock Kit, Add	329.23	
26 24 13 00-0140 EA 30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit.....	1,012.82	102.58
For Electrical Interlock Kit, Add	329.23	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	13 00-0141	EA	60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,012.82 329.23	102.58
26 24	13 00-0142	EA	60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,528.84 329.23	137.35
26 24	13 00-0143	EA	100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,528.84 329.23	137.35
<b>26 24</b>	<b>13 00-0144</b>		<b>240 Volt, 3 Pole Single Branch Switch Units</b> <small>(26 24 13 00-0127)</small>		
26 24	13 00-0145	EA	100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit ..... <i>For Electrical Interlock Kit, Add</i>	1,099.87 329.23	100.83
26 24	13 00-0146	EA	200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit ..... <i>For Electrical Interlock Kit, Add</i>	1,789.31 315.39	100.83
26 24	13 00-0147	EA	400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit .....	4,585.19	269.24
26 24	13 00-0148	EA	600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit .....	6,555.09	344.93
26 24	13 00-0149	EA	800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit .....	12,232.58	467.32
<b>26 24</b>	<b>13 00-0150</b>		<b>600 Volt, 3 Pole Twin Branch Switch Units</b> <small>(26 24 13 00-0127)</small>		
26 24	13 00-0151	EA	30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,442.57 329.23	102.58
26 24	13 00-0152	EA	30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,439.71 329.23	102.58
26 24	13 00-0153	EA	60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	1,442.57 329.23	102.58
26 24	13 00-0154	EA	60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	2,173.01 329.23	137.35
26 24	13 00-0155	EA	100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	2,220.68 329.23	137.35
26 24	13 00-0156	EA	200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit..... <i>For Electrical Interlock Kit, Add</i>	4,748.90 329.23	179.66
<b>26 24</b>	<b>13 00-0157</b>		<b>600 Volt, 3 Pole, Single Branch Switch Units</b> <small>(26 24 13 00-0127)</small>		
26 24	13 00-0158	EA	100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit ..... <i>For Electrical Interlock Kit, Add</i>	1,559.69 329.23	100.83
26 24	13 00-0159	EA	200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit ..... <i>For Electrical Interlock Kit, Add</i>	2,373.07 315.39	100.83
26 24	13 00-0160	EA	400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit ..... <i>For Electrical Interlock Kit, Add</i>	5,769.30 315.39	269.24
26 24	13 00-0161	EA	600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit .....	7,003.28	344.93
26 24	13 00-0162	EA	800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit .....	12,232.58	467.32
<b>26 24</b>	<b>13 00-0163</b>		<b>Service And Distribution Structures</b> <small>(26 24 13)</small>		
<b>26 24</b>	<b>13 00-0164</b>		<b>Distribution Section 600 Volt, 250 Volt DC</b> <small>(26 24 13 00-0163)</small>		
<b>26 24</b>	<b>13 00-0165</b>		<b>600 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24	13 00-0166	EA	14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	2,768.15	1,066.31
26 24	13 00-0167	EA	24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,315.27	1,066.31
26 24	13 00-0168	EA	34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,691.72	1,356.07
26 24	13 00-0169	EA	42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,066.15	1,356.07
<b>26 24</b>	<b>13 00-0170</b>		<b>800 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24	13 00-0171	EA	14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,108.91	1,234.37
26 24	13 00-0172	EA	24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,641.22	1,234.37
26 24	13 00-0173	EA	34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,066.15	1,529.93
26 24	13 00-0174	EA	42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,402.52	1,529.93
<b>26 24</b>	<b>13 00-0175</b>		<b>1,200 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24	13 00-0176	EA	14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	3,636.31	1,506.74
26 24	13 00-0177	EA	24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,181.27	1,506.74
26 24	13 00-0178	EA	34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,632.49	1,854.46
26 24	13 00-0179	EA	42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,125.27	1,854.46
<b>26 24</b>	<b>13 00-0180</b>		<b>1,600 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24	13 00-0181	EA	14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,526.23	1,651.63
26 24	13 00-0182	EA	24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,172.51	1,651.63
26 24	13 00-0183	EA	34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,707.46	2,039.91
26 24	13 00-0184	EA	42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,136.73	2,039.91
<b>26 24</b>	<b>13 00-0185</b>		<b>2,000 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24	13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,741.11	1,657.42
26 24	13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,437.86	1,866.04
26 24	13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,558.87	1,866.04
26 24	13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,786.30	1,970.36



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 13 00-0190</b> <b>3,000 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0191     EA     24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,588.33	1,866.04
26 24 13 00-0192     EA     34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,707.53	1,866.04
26 24 13 00-0193     EA     42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,934.96	1,970.36
<b>26 24 13 00-0194</b> <b>4,000 Amperes, 4 Wire, Main Bus</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0195     EA     24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,736.92	1,970.36
26 24 13 00-0196     EA     34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,934.96	1,970.36
26 24 13 00-0197     EA     42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	7,017.09	1,970.36
<b>26 24 13 00-0198</b> <b>Pull Boy, Horizontal Mounted Across Top Of Switch Board</b> <small>(26 24 13 00-0164)</small>		
26 24 13 00-0199     EA     18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	601.42	139.08
26 24 13 00-0200     EA     Drilled Bottom For Pull Boy.....	677.81	139.08
26 24 13 00-0201     EA     Cable Supports In Pull Box.....	245.00	34.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>19.32</i>
<b>26 24 13 00-0202</b> <b>Underground Pull Sections</b> <small>(26 24 13 00-0164)</small>		
<i>Note: Excludes no bus or terminal.</i>		
26 24 13 00-0203     EA     12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal.....	580.28	162.27
26 24 13 00-0204     EA     24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal.....	1,010.27	208.62
26 24 13 00-0205     EA     24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal.....	1,010.27	208.62
26 24 13 00-0206     EA     14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	754.40	162.27
26 24 13 00-0207     EA     28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	1,083.47	237.60
26 24 13 00-0208     EA     14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,235.04	237.60
26 24 13 00-0209     EA     26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,292.60	307.14
26 24 13 00-0210     EA     38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,362.73	307.14
<b>26 24 13 00-0211</b> <b>Switchboard Sections</b> <small>(26 24 13 00-0163)</small>		
26 24 13 00-0212     EA     600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,697.09	965.82
26 24 13 00-0213     EA     800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	5,145.61	1,049.86
26 24 13 00-0214     EA     1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,450.26	1,341.47
26 24 13 00-0215     EA     1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	7,054.88	1,463.40
26 24 13 00-0216     EA     2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	7,524.24	1,557.86
26 24 13 00-0217     EA     400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section.....	5,622.13	847.26
26 24 13 00-0218     EA     200 Amperes, Distribution Section Subfeeder Lug-Rated.....	3,164.79	804.83
26 24 13 00-0219     EA     400 Amperes, Distribution Section Subfeeder Lug-Rated.....	3,508.95	872.76
26 24 13 00-0220     EA     120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus.....	8,022.75	965.82
26 24 13 00-0221     EA     800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	8,604.84	968.38
26 24 13 00-0222     EA     1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	9,442.80	1,081.15
26 24 13 00-0223     EA     15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	175.69	57.95
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>35.39</i>
26 24 13 00-0224     EA     70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	214.71	59.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>41.81</i>
26 24 13 00-0225     EA     70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame.....	1,013.63	69.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>90.08</i>
26 24 13 00-0226     EA     125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,684.59	150.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>125.44</i>
26 24 13 00-0227     EA     100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	666.28	209.09
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>72.44</i>
26 24 13 00-0228     EA     225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	1,903.37	120.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>90.08</i>
<b>26 24 13 00-0229</b> <b>Switchboard, Structure Per Section Copper, 480 Volt</b> <small>(26 24 13 00-0163)</small>		
26 24 13 00-0230     EA     225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	2,434.68	503.02
26 24 13 00-0231     EA     400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,467.29	680.24
26 24 13 00-0232     EA     600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,882.48	827.90
26 24 13 00-0233     EA     800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	4,883.21	1,159.04
26 24 13 00-0234     EA     1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	6,049.73	1,448.79
26 24 13 00-0235     EA     1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	6,684.65	1,448.79
26 24 13 00-0236     EA     2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	8,236.02	1,931.77
26 24 13 00-0237     EA     2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	9,453.45	1,931.77
26 24 13 00-0238     EA     3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	11,113.27	2,299.65
26 24 13 00-0239     EA     4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	13,353.46	2,299.65
<b>26 24 13 00-0240</b> <b>Main Devices</b> <small>(26 24 13)</small>		
<b>26 24 13 00-0241</b> <b>Power Circuit Breakers</b> <small>(26 24 13 00-0240)</small>		
<b>26 24 13 00-0242</b> <b>DSL Breaker With Current Limiters And Amptector</b> <small>(26 24 13 00-0241)</small>		
<i>Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.</i>		
26 24 13 00-0243     EA     50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	8,609.22	1,216.98
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		<i>728.65</i>

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0244	EA		50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	15,732.49	2,028.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,215.77	
26 24 13 00-0245	EA		1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	35,575.69	3,407.57
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,026.28	
26 24 13 00-0246	EA		4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	57,289.60	5,517.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,369.29	
26 24 13 00-0247	EA		Ground-Fault Trip All Power Breakers - Factory Installed.....	3,048.66	
26 24 13 00-0248	EA		Key Interlock All Power Breakers - Factory Installed.....	393.73	
26 24 13 00-0249	EA		Short Time Delay Selective Trip - Factory Installed.....	516.54	
26 24 13 00-0250	EA		Shunt Trip Manually Open Breakers - Factory Installed.....	372.05	
<b>26 24 13 00-0251</b>			<b>DSL Breaker Electrical Operated And Amptector</b> <small>(26 24 13 00-0241)</small>		
			Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252	EA		50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	10,104.16	1,274.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	768.59	
26 24 13 00-0253	EA		50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip.....	18,799.14	2,144.22
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,280.23	
26 24 13 00-0254	EA		1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip.....	39,996.05	3,535.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,130.58	
26 24 13 00-0255	EA		4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip.....	61,715.93	5,795.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,562.61	
<b>26 24 13 00-0256</b>			<b>DS Breakers With Amptector Static Trip, Manually Operated</b> <small>(26 24 13 00-0241)</small>		
			Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257	EA		50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip.....	6,834.41	1,112.67
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.67	
26 24 13 00-0258	EA		50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip.....	12,526.72	1,866.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,114.46	
26 24 13 00-0259	EA		2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip.....	18,525.15	3,129.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,857.43	
26 24 13 00-0260	EA		1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip.....	31,993.68	5,041.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,093.51	
26 24 13 00-0261	EA		4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip.....	52,042.56	8,229.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,143.65	
<b>26 24 13 00-0262</b>			<b>DS Breakers With Amptector Static Trip, Electrically Operated</b> <small>(26 24 13 00-0241)</small>		
			Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263	EA		50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	8,093.18	1,066.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	637.77	
26 24 13 00-0264	EA		50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	15,130.10	1,784.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,062.69	
26 24 13 00-0265	EA		2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	21,492.69	2,967.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,774.04	
26 24 13 00-0266	EA		1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	35,465.95	4,833.17
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,956.72	
26 24 13 00-0267	EA		4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	55,397.22	8,287.11
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,939.07	
<b>26 24 13 00-0268</b>			<b>Molded Case Circuit Breakers Conventional</b> <small>(26 24 13 00-0241)</small>		
26 24 13 00-0269	EA		70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	2,846.50	973.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	560.82	
26 24 13 00-0270	EA		125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	4,206.10	973.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	610.02	
26 24 13 00-0271	EA		300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	4,667.12	1,159.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.67	
26 24 13 00-0272	EA		400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	5,562.66	1,159.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	724.40	
26 24 13 00-0273	EA		600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	8,313.68	1,390.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	793.86	
26 24 13 00-0274	EA		1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	13,519.52	1,390.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	878.06	
26 24 13 00-0275	EA		Shunt Trip, Factory Installed.....	390.11	
26 24 13 00-0276	EA		Groundfault Trip Complete Interrupting Circuit, Factory Installed.....	90.30	
<b>26 24 13 00-0277</b>			<b>Switchboard Branch Breaker 480 Volt</b> <small>(26 24 13 00-0240)</small>		
26 24 13 00-0278	EA		60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	606.73	84.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.39	
26 24 13 00-0279	EA		100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	714.06	111.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.87	
26 24 13 00-0280	EA		225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	2,084.79	167.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.73	
26 24 13 00-0281	EA		400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	2,757.19	210.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	126.35	
26 24 13 00-0282	EA		600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	3,333.63	282.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	169.45	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0283 EA 800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	4,023.28	362.20
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	217.32	
26 24 13 00-0284 EA 1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	6,475.21	551.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	331.15	
26 24 13 00-0285 EA 1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	6,475.21	551.94
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	331.15	
26 24 13 00-0286 EA 1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	9,082.07	772.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	463.61	
26 24 13 00-0287 EA 2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	11,307.29	1,159.04
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	695.42	
<b>26 24 13 00-0288 Switchboard 277/480 Volt Main Breaker</b> (26 24 13 00-0240)		
26 24 13 00-0289 EA 400 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	7,370.29	503.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	301.83	
26 24 13 00-0290 EA 600 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	7,465.93	550.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	330.53	
26 24 13 00-0291 EA 800 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	8,019.95	827.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	496.73	
26 24 13 00-0292 EA 1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	13,751.13	1,159.04
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	695.42	
26 24 13 00-0293 EA 1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	13,997.30	1,282.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	769.27	
26 24 13 00-0294 EA 2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	18,399.88	2,299.65
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,379.80	
<b>26 24 13 00-0295 Branch Or Distribution Devices</b> (26 24 13)		
<b>26 24 13 00-0296 3 Pole, Panel Mounted, Molded Case Circuit Breakers</b> (26 24 13 00-0295)		
Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297 EA 15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	652.78	41.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 24 13 00-0298 EA 70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	656.37	52.16
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 24 13 00-0299 EA 125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,597.58	62.58
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.72	
26 24 13 00-0300 EA 70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,319.50	81.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.90	
26 24 13 00-0301 EA 125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	3,274.19	100.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.76	
26 24 13 00-0302 EA 300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	4,292.37	117.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	78.23	
26 24 13 00-0303 EA 900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	6,565.94	132.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	88.32	
<b>26 24 13 00-0304 2 Pole, Panel Mounted, Molded Case Circuit Breakers</b> (26 24 13 00-0295)		
Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305 EA 15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	449.05	31.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 24 13 00-0306 EA 70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	576.52	41.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 24 13 00-0307 EA 125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,594.88	52.16
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 24 13 00-0308 EA 70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,534.21	57.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.25	
26 24 13 00-0309 EA 125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,673.66	75.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.42	
26 24 13 00-0310 EA 900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	6,077.36	109.53
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	73.02	
<b>26 24 13 00-0311 Meter Devices And Instrumentation</b> (26 24 13)		
Note: Factory installed accessories.		
<b>26 24 13 00-0312 Compartments For Instrument Transformers And Metering Devices</b> (26 24 13 00-0311)		
26 24 13 00-0313 EA Compartment For, Up To 800 Amperes, Primary Current Transformer.....	471.39	
26 24 13 00-0314 EA Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer.....	680.89	
26 24 13 00-0315 EA Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer.....	801.90	
<b>26 24 13 00-0316 Instruments</b> (26 24 13 00-0311)		
26 24 13 00-0317 EA AC Voltmeter.....	642.96	
26 24 13 00-0318 EA AC Ammeter.....	642.96	
26 24 13 00-0319 EA AC Wattmeter.....	1,717.58	
26 24 13 00-0320 EA Variometer.....	1,939.73	
26 24 13 00-0321 EA Power Factor Meter.....	1,549.62	
26 24 13 00-0322 EA Frequency Meter.....	1,710.36	
26 24 13 00-0323 EA 200 Volt-Amperes Max Potential Transformer.....	577.95	
26 24 13 00-0324 EA AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	2,176.33	
26 24 13 00-0325 EA AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2.....	3,641.06	
26 24 13 00-0326 EA Weatherproof, Modify Meter.....	3,457.60	



**26 Electrical**  
**26 20 Low-Voltage Electrical Distribution**  
**26 24 Switchboards and Panelboards**



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 24 13 00-0327	EA	Control Switch Resistor Type 130 V .....	79.68		
26 24 13 00-0328	EA	Metering Instrument: Voltage, Amperes And Watt Hour .....	4,392.03		
<b>26 24 16 Panelboards (26 24)</b>					
26 24 16 00-0001		<b>Branch Circuit Panelboard (26 24 16)</b> Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.			
26 24 16 00-0002		<b>Assembled Lighting And Power Panelboards (26 24 16 00-0001)</b> Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.			
26 24 16 00-0003		<b>120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)</b>			
26 24 16 00-0004	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... For NEMA 3R Panelboard, Add	1,288.26 1,565.96	330.32	
26 24 16 00-0005	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... For NEMA 3R Panelboard, Add	1,462.44 1,565.96	330.32	
26 24 16 00-0006	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	1,659.10	457.82	
26 24 16 00-0007	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers .....	1,858.90	457.82	
26 24 16 00-0008	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... For NEMA 3R Panelboard, Add	2,046.29 1,565.96	573.73	
26 24 16 00-0009	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... For NEMA 3R Panelboard, Add	2,238.59 1,565.96	573.73	
26 24 16 00-0010	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers .....	2,424.59	660.65	
26 24 16 00-0011	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers .....	2,909.27	846.10	
26 24 16 00-0012	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	3,060.12 1,722.12 125.84	846.10	
26 24 16 00-0013	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	3,209.56 1,722.12 125.84	967.80	
26 24 16 00-0014	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	3,451.19 2,034.24 214.91	967.80	
26 24 16 00-0015	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	3,600.69 2,034.24 214.91	1,089.49	
26 24 16 00-0016	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	3,821.62 2,034.24 214.91	1,089.49	
26 24 16 00-0017	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	3,955.33	1,205.40	
26 24 16 00-0018	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	4,179.26 2,034.24 214.91	1,205.40	
26 24 16 00-0019	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	4,383.34	1,332.89	
26 24 16 00-0020	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	4,526.06 2,117.23 274.68	1,332.89	
26 24 16 00-0021	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... For NEMA 3R Panelboard, Add For Door-In-Door (Hinged) Trim Front, Add	4,729.97 2,117.23 274.68	1,332.89	
26 24 16 00-0022		<b>120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards (26 24 16 00-0002)</b>			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0023 EA 50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers .....	1,535.44	318.74
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0024 EA 50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers .....	1,712.14	318.74
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0025 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	2,115.84	544.75
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0026 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers .....	2,400.53	544.75
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0027 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers .....	2,591.77	666.44
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0028 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers .....	2,790.92	666.44
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0029 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers .....	2,968.29	799.74
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0030 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers .....	3,593.82	799.74
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0031 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers .....	3,751.30	979.38
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0032 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers .....	3,921.91	979.38
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0033 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers .....	4,108.31	1,101.09
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0034 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers .....	4,260.39	1,101.09
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0035 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers .....	4,422.23	1,205.40
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0036 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	4,595.28	1,205.40
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0037 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers .....	4,781.40	1,425.62
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0038 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	4,982.82	1,425.62
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0039 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers .....	5,202.33	1,425.62
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0040 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers .....	5,339.40	1,506.74
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0041 120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0042 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers .....	1,557.45	376.69
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0043 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers .....	1,746.11	376.69
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0044 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	1,960.66	504.18
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0045 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers .....	2,186.60	504.18
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0046 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers .....	2,388.81	620.08
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0047	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,604.62	620.08
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0048	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,808.25	735.99
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0049	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,017.59	735.99
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0050	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,213.50	863.49
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0051	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,439.14	863.49
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0052	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,667.95	996.77
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0053	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,893.54	996.77
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0054	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,340.81	1,205.40
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0055	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,492.02	1,205.40
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0056	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	4,755.83	1,338.68
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0057	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	4,993.47	1,338.68
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0058	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,163.11	1,460.39
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0059	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	5,398.71	1,460.39
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0060	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,271.20	1,295.81
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0061	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	5,438.14	1,361.87
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0062	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,713.51	1,434.31
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0063	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	5,968.57	1,518.34
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0064	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	6,148.29	1,564.70
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0065	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	6,435.24	1,660.32
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0066			120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0062)</small>		
26 24 16 00-0067	EA		50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,863.21	365.09
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0068	EA		50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,054.25	365.09
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0069 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	2,282.47	481.00
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0070 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers .....	2,603.38	481.00
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0071 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,064.14	724.39
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0072 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers .....	3,261.96	724.39
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0073 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers .....	3,475.56	846.10
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0074 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers .....	3,652.68	846.10
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0075 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers .....	3,892.71	979.38
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0076 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers .....	4,055.30	979.38
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0077 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers .....	4,322.16	1,101.09
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0078 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	4,551.93	1,101.09
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0079 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,356.65	1,274.94
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0080 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	5,591.92	1,344.48
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0081 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,690.97	1,344.48
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0082 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	5,954.51	1,518.34
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0083 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers .....	6,140.02	1,518.34
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0084 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers .....	6,259.79	1,518.34
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0085 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	6,313.96	1,396.64
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0086 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	6,570.65	1,477.77
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0087 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	6,672.92	1,518.34
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0088 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	6,957.03	1,611.05
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0089 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers .....	7,141.36	1,657.42
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0090 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	7,313.64	1,715.38
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	

26 24 16 00-0091 480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards (26 24 16 00-0002)



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0092	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,763.93	370.89
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0093	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,014.25	370.89
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0094	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	2,254.62	509.98
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0095	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers .....	2,504.90	509.98
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0096	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers .....	2,738.96	637.47
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0097	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,985.08	637.47
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0098	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers .....	3,241.51	770.76
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0099	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers .....	3,477.31	770.76
			<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0100	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,735.62	915.64
			<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0101	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers .....	3,985.33	915.64
			<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0102	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,215.66	1,043.13
			<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0103	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	4,461.78	1,043.13
			<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0104	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,984.13	1,269.14
			<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0105	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	5,229.97	1,269.14
			<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0106	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,491.11	1,390.85
			<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0107	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	5,684.25	1,390.85
			<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0108	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,973.76	1,535.72
			<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0109	EA		225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	6,183.09	1,535.72
			<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0110			<b>480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0111	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers .....	2,248.04	394.07
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0112	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers .....	2,492.86	428.84
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0113	EA		50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers .....	2,740.28	533.15
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0114	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers, .....	3,291.20	649.06
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0115	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers .....	3,526.70	718.60
			<i>For NEMA 3R Panelboard, Add</i>	1,565.96	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0116 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	3,741.83	776.56
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0117 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty Two Ampere Breakers.....	3,978.39	846.10
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0118 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	4,206.21	915.64
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0119 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	4,415.12	973.59
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0120 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	4,638.85	1,031.54
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0121 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,880.52	1,101.09
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0122 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	5,144.15	1,188.01
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0123 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	6,494.61	1,321.30
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0124 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	6,747.62	1,402.43
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0125 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	6,929.07	1,437.20
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0126 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	7,212.86	1,529.93
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0127 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	7,411.90	1,587.88
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0128 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	7,618.09	1,637.72
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0129 277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards</b> <small>(26 24 16 00-0002)</small>		
26 24 16 00-0130 EA 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	2,151.85	405.66
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0131 EA 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,432.51	405.66
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0132 EA 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	2,706.11	538.96
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0133 EA 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,981.88	538.96
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0134 EA 100 Ampere Rating , 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,261.99	666.44
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0135 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	3,536.50	666.44
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0136 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	3,815.35	799.74
<i>For NEMA 3R Panelboard, Add</i>	1,565.96	
26 24 16 00-0137 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	4,093.08	799.74
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0138 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	4,395.74	938.82
<i>For NEMA 3R Panelboard, Add</i>	1,722.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0139	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	4,650.65	938.82
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0140	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,919.51	944.61
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0141	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	5,205.18	944.61
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0142	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,926.95	1,309.71
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0143	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	6,219.31	1,309.71
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0144	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	6,447.14	1,379.25
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0145	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	6,765.54	1,471.97
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0146	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	7,008.16	1,471.97
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0147	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	7,360.53	1,611.05
			<i>For NEMA 3R Panelboard, Add</i> .....	2,117.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
<b>26 24 16 00-0148</b>			<b>277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards</b> <sup>(26 24 16 00-0002)</sup>		
26 24 16 00-0149	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	2,795.97	498.38
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0150	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	3,083.05	498.38
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0151	EA		50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	3,359.65	660.65
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0152	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	4,000.11	660.65
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0153	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	4,265.64	834.51
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0154	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	4,530.75	834.51
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0155	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	4,787.13	956.20
			<i>For NEMA 3R Panelboard, Add</i> .....	1,565.96	
26 24 16 00-0156	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	5,024.59	956.20
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0157	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	5,276.87	1,089.49
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0158	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	5,547.07	1,089.49
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0159	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	5,780.39	1,205.40
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0160	EA		100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	6,024.92	1,205.40
			<i>For NEMA 3R Panelboard, Add</i> .....	1,722.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0161	EA		225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	7,905.35	1,425.62
			<i>For NEMA 3R Panelboard, Add</i> .....	2,034.24	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0162 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers .....	8,201.08	1,425.62
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0163 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers .....	8,421.02	1,558.90
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0164 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers .....	8,750.74	1,558.90
<i>For NEMA 3R Panelboard, Add</i>	2,034.24	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0165 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers .....	8,990.24	1,703.78
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0166 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	9,237.67	1,703.78
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0167 EA 400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	10,982.62	1,897.34
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0168 EA 600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	13,372.91	2,277.50
<i>For NEMA 3R Panelboard, Add</i>	2,117.23	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0169 Unassembled Lighting And Power Panelboards</b> <small>(26 24 16 00-0001)</small>		
<small>Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.</small>		
<b>26 24 16 00-0170 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small>		
<small>Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.</small>		
<b>26 24 16 00-0171 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0172 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	692.88	
26 24 16 00-0173 EA 100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	796.24	
26 24 16 00-0174 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,079.82	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0175 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,245.46	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0176 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,408.53	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0177 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,573.30	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0178 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,707.31	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0179 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,868.68	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0180 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,016.47	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0181 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,149.44	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0182 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,345.26	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0183 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0184 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,029.50	
26 24 16 00-0185 EA 100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,164.80	
26 24 16 00-0186 EA 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,862.91	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0187 EA 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,066.48	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0188 EA 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,256.95	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
26 24 16 00-0189 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,944.25	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0190 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,168.59	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	
26 24 16 00-0191 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,372.39	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	274.68	
<b>26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0193 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,413.04	
26 24 16 00-0194 EA 100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,508.17	
26 24 16 00-0195 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,774.61	
26 24 16 00-0196 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,936.82	
26 24 16 00-0197 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,086.86	
26 24 16 00-0198 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,384.68	
26 24 16 00-0199 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,509.78	
26 24 16 00-0200 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,662.92	
26 24 16 00-0201 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,873.80	
26 24 16 00-0202 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,001.88	
26 24 16 00-0203 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,184.96	
<b>26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0170)</small>		
26 24 16 00-0205 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,741.43	
26 24 16 00-0206 EA 100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,867.81	
26 24 16 00-0207 EA 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,690.76	
26 24 16 00-0208 EA 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,877.87	
26 24 16 00-0209 EA 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,055.99	
26 24 16 00-0210 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,726.14	
26 24 16 00-0211 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,942.25	
26 24 16 00-0212 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard .....	5,144.00	
<b>26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards</b> <small>(26 24 16 00- 0169)</small>		
Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
<b>26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards</b> <small>(26 24 16 00-0213)</small>		
26 24 16 00-0215 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	780.13	
26 24 16 00-0216 EA 100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	916.70	
26 24 16 00-0217 EA 100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,030.36	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0218 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,163.31	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	125.84	
26 24 16 00-0219 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,338.45	
<i>For Door-In-Door (Hinged) Trim Front, Add</i> .....	214.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0220 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,481.45	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0221 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,707.69	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0222 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,839.21	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0223 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,983.92	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0224 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,165.94	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0225 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,392.47	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0226 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,835.86	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0227 Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small></b>		
26 24 16 00-0228 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,208.00	
26 24 16 00-0229 EA 100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,361.87	
26 24 16 00-0230 EA 100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,555.13	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0231 EA 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,311.87	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0232 EA 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,502.43	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0233 EA 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,677.72	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0234 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,715.65	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0235 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,923.30	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0236 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	4,095.98	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0237 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small></b>		
26 24 16 00-0238 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,500.29	
26 24 16 00-0239 EA 100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,628.63	
26 24 16 00-0240 EA 100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,733.37	
26 24 16 00-0241 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,858.09	
26 24 16 00-0242 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,029.81	
26 24 16 00-0243 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,159.77	
26 24 16 00-0244 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,519.08	
26 24 16 00-0245 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,641.68	
26 24 16 00-0246 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,778.15	
26 24 16 00-0247 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,023.28	
26 24 16 00-0248 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,234.03	
26 24 16 00-0249 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,677.43	
<b>26 24 16 00-0250 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small></b>		



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 24 16 00-0251	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	1,919.93		
26 24 16 00-0252	EA	100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,064.89		
26 24 16 00-0253	EA	100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	2,253.35		
26 24 16 00-0254	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,139.72		
26 24 16 00-0255	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,313.81		
26 24 16 00-0256	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	3,476.76		
26 24 16 00-0257	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	5,216.61		
26 24 16 00-0258	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	5,431.39		
26 24 16 00-0259	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard .....	5,616.14		
<b>26 24 16 00-0260</b>		<b>480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small>			
		Note: As manufactured by Square D or equal.			
<b>26 24 16 00-0261</b>		<b>Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0260)</small>			
26 24 16 00-0262	EA	125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,124.47		
26 24 16 00-0263	EA	125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,232.25		
26 24 16 00-0264	EA	250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,698.25		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		
26 24 16 00-0265	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,892.01		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91		
26 24 16 00-0266	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,059.42		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68		
26 24 16 00-0267	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,048.37		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		
26 24 16 00-0268	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,156.77		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91		
26 24 16 00-0269	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,341.92		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68		
26 24 16 00-0270	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,456.50		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		
26 24 16 00-0271	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,632.89		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91		
26 24 16 00-0272	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,873.77		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68		
<b>26 24 16 00-0273</b>		<b>Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0260)</small>			
26 24 16 00-0274	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,315.00		
26 24 16 00-0275	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,388.18		
26 24 16 00-0276	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,592.01		
26 24 16 00-0277	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,729.22		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		
26 24 16 00-0278	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,998.26		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91		
26 24 16 00-0279	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,897.97		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		
26 24 16 00-0280	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,067.32		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91		
26 24 16 00-0281	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,284.68		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68		
26 24 16 00-0282	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,413.06		
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0283 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,636.12	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0284 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,839.57	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small></b>		
26 24 16 00-0286 EA 125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,819.94	
26 24 16 00-0287 EA 125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	1,927.72	
26 24 16 00-0288 EA 250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,377.26	
26 24 16 00-0289 EA 250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,690.36	
26 24 16 00-0290 EA 250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,844.06	
26 24 16 00-0291 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,833.00	
26 24 16 00-0292 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	2,920.83	
26 24 16 00-0293 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,076.48	
26 24 16 00-0294 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,259.65	
26 24 16 00-0295 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,419.22	
26 24 16 00-0296 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,623.93	
<b>26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small></b>		
26 24 16 00-0298 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,158.62	
26 24 16 00-0299 EA 100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,231.80	
26 24 16 00-0300 EA 125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,277.19	
26 24 16 00-0301 EA 125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,408.23	
26 24 16 00-0302 EA 125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	3,796.61	
26 24 16 00-0303 EA 250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,682.60	
26 24 16 00-0304 EA 250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	4,831.38	
26 24 16 00-0305 EA 250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	5,019.25	
26 24 16 00-0306 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	5,147.63	
26 24 16 00-0307 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	5,351.82	
26 24 16 00-0308 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard .....	5,552.36	
<b>26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small></b>		
Note: As manufactured by Square D or equal.		
<b>26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small></b>		
26 24 16 00-0311 EA 125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	1,171.10	
26 24 16 00-0312 EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	1,279.58	
26 24 16 00-0313 EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	1,479.60	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0314 EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	1,766.87	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0315 EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	1,962.13	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0316 EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard .....	2,128.22	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,139.11	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,269.25	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,453.01	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,567.86	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,745.01	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,986.76	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0323</b>		<b>Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0309)</small>		
26 24 16 00-0324	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,555.05	
26 24 16 00-0325	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,628.92	
26 24 16 00-0326	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,847.91	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0327	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,921.98	
26 24 16 00-0328	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,059.78	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0329	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,328.10	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0330	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,285.07	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0331	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,456.47	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0332	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,671.54	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
26 24 16 00-0333	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,876.91	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	125.84	
26 24 16 00-0334	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,102.17	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	214.91	
26 24 16 00-0335	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	5,305.44	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	274.68	
<b>26 24 16 00-0336</b>		<b>Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0309)</small>		
26 24 16 00-0337	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,866.58	
26 24 16 00-0338	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,975.05	
26 24 16 00-0339	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,164.78	
26 24 16 00-0340	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,445.88	
26 24 16 00-0341	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,760.48	
26 24 16 00-0342	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,912.86	
26 24 16 00-0343	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,925.80	
26 24 16 00-0344	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,033.31	
26 24 16 00-0345	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,187.58	
26 24 16 00-0346	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,371.01	
26 24 16 00-0347	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,531.01	
26 24 16 00-0348	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,735.73	



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0349		<b>Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0309)</small>		
26 24 16 00-0350	EA	100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	3,234.06	
26 24 16 00-0351	EA	100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	3,307.93	
26 24 16 00-0352	EA	100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	3,646.26	
26 24 16 00-0353	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	3,607.17	
26 24 16 00-0354	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	3,738.79	
26 24 16 00-0355	EA	125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	4,126.46	
26 24 16 00-0356	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	5,069.71	
26 24 16 00-0357	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	5,220.53	
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	5,406.11	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	5,611.47	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	5,817.53	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard.....	6,017.38	
26 24 16 00-0362		<b>600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0169)</small> Note: Square D I-Line or equal.		
26 24 16 00-0363		<b>Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0362)</small>		
26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	1,972.29	344.67
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	206.81	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounted Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,316.11	344.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	206.75	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,575.01	344.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	206.75	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	2,918.28	565.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	339.52	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,118.66	565.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	339.52	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,338.54	565.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	339.52	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,591.50	752.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	451.32	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,784.06	754.45
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	452.70	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,862.81	752.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	451.32	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	4,498.51	752.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	451.32	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,846.32	1,131.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	679.04	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,278.99	1,131.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	679.04	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,632.75	1,131.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	679.04	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,064.54	1,131.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	679.04	
26 24 16 00-0378		<b>Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards</b> <small>(26 24 16 00-0362)</small>		
26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	3,846.10	351.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	211.17	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0380	EA		400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,056.00	399.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	239.53	
26 24 16 00-0381	EA		400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	5,306.03	399.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	239.53	
26 24 16 00-0382	EA		400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	6,041.92	399.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	239.53	
26 24 16 00-0383	EA		600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	7,865.43	654.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	392.66	
26 24 16 00-0384	EA		600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,278.53	656.19
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	393.70	
26 24 16 00-0385	EA		600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	8,619.06	654.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	392.66	
26 24 16 00-0386	EA		800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,939.51	874.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	524.93	
26 24 16 00-0387	EA		800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	10,428.95	871.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	523.08	
26 24 16 00-0388	EA		800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	10,916.59	871.78
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	523.08	
26 24 16 00-0389			<b>Residential Lighting And Power Panelboards</b> (26 24 16 00-0001) See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390			<b>Residential Type Unassembled Load Center</b> (26 24 16 00-0389) Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391			<b>Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt</b> (26 24 16 00-0390)		
26 24 16 00-0392	EA		30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	159.28	57.95
26 24 16 00-0393	EA		70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	528.06	231.81
26 24 16 00-0394	EA		100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	801.29	330.90
26 24 16 00-0395	EA		125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	1,714.71	695.54
26 24 16 00-0396	EA		150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	1,876.40	753.37
26 24 16 00-0397			<b>Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC</b> (26 24 16 00-0390) Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.		
26 24 16 00-0398	EA		60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	224.60	63.75
26 24 16 00-0399	EA		125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard.....	409.33	69.54
26 24 16 00-0400			<b>Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof</b> (26 24 16 00-0390)		
26 24 16 00-0401	EA		40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	228.57	63.75
26 24 16 00-0402	EA		70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	255.20	69.54
26 24 16 00-0403	EA		100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	880.78	330.90
26 24 16 00-0404	EA		150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard.....	1,997.36	753.37
26 24 16 00-0405			<b>Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC</b> (26 24 16 00-0390) Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0406	EA		60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	285.08	63.75
26 24 16 00-0407	EA		125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	1,936.06	695.54
26 24 16 00-0408			<b>Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt</b> (26 24 16 00-0390)		
26 24 16 00-0409	EA		125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	2,091.40	695.54
26 24 16 00-0410	EA		150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	2,270.37	753.37
26 24 16 00-0411	EA		300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard.....	8,218.23	1,159.04





	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0412		<b>Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC</b> <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
26 24 16 00-0413	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard .....	3,094.97	695.54
26 24 16 00-0414	EA	150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard .....	3,376.76	753.37
26 24 16 00-0415	EA	300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard .....	9,062.67	1,159.04
26 24 16 00-0416		<b>Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof</b> <small>(26 24 16 00-0390)</small>		
26 24 16 00-0417	EA	125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard .....	2,203.71	695.54
26 24 16 00-0418	EA	150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard .....	2,462.17	753.37
26 24 16 00-0419		<b>Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC</b> <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420	EA	125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard .....	3,281.24	695.54
26 24 16 00-0421	EA	155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard .....	3,396.97	753.37
26 24 16 00-0422		<b>Residential Type Assembled Load Center</b> <small>(26 24 16 00-0389)</small>		
26 24 16 00-0423		<b>Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase</b> <small>(26 24 16 00-0422)</small> Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424	EA	100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	801.81	330.90
26 24 16 00-0425	EA	100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	978.73	386.53
26 24 16 00-0426	EA	100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	820.82	330.90
26 24 16 00-0427	EA	100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	983.92	386.53
26 24 16 00-0428	EA	200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,434.76	515.19
26 24 16 00-0429	EA	200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,691.14	618.35
26 24 16 00-0430	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,932.96	713.39
26 24 16 00-0431	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,132.05	772.27
26 24 16 00-0432	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,190.67	1,159.04
26 24 16 00-0433	EA	200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,502.15	515.19
26 24 16 00-0434	EA	200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,755.08	618.35
26 24 16 00-0435	EA	200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,996.89	713.39
26 24 16 00-0436	EA	200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,192.53	772.27
26 24 16 00-0437	EA	200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,389.38	1,159.04
26 24 16 00-0438	EA	400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,949.33	1,287.81
26 24 16 00-0439	EA	400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	4,156.68	1,287.81
26 24 16 00-0440		<b>Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt</b> <small>(26 24 16 00-0422)</small> Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441	EA	125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,075.50	386.53
26 24 16 00-0442	EA	125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,603.12	579.52
26 24 16 00-0443	EA	125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,132.52	386.53
26 24 16 00-0444	EA	125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,654.95	579.52
26 24 16 00-0445	EA	200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,031.45	713.39
26 24 16 00-0446	EA	200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,219.27	772.73
26 24 16 00-0447	EA	200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,719.01	927.57
26 24 16 00-0448	EA	200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,259.79	1,159.04

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0449	EA		200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,091.93	713.39
26 24 16 00-0450	EA		200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,287.57	772.27
26 24 16 00-0451	EA		200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,951.10	926.88
26 24 16 00-0452	EA		200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,493.06	1,159.04
26 24 16 00-0453	EA		400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	4,001.17	1,287.81
26 24 16 00-0454	EA		400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	4,208.52	1,287.81
<b>26 24 16 00-0455</b>			<b>Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase</b> <sup>(26 24</sup>		
			<sup>16 00-0422)</sup> Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456	EA		125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,068.58	386.53
26 24 16 00-0457	EA		125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,578.93	579.52
26 24 16 00-0458	EA		200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,832.83	618.35
26 24 16 00-0459	EA		200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,101.27	713.73
26 24 16 00-0460	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,314.31	772.73
26 24 16 00-0461	EA		200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,063.06	1,030.38
26 24 16 00-0462	EA		200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	1,850.11	618.35
26 24 16 00-0463	EA		200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,135.13	713.39
26 24 16 00-0464	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,322.13	772.27
26 24 16 00-0465	EA		200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,968.03	1,030.38
26 24 16 00-0466	EA		400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	5,729.09	1,287.81
26 24 16 00-0467	EA		400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	6,074.67	1,287.81
<b>26 24 16 00-0468</b>			<b>Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt</b> <sup>(26 24 16 00-0422)</sup>		
			Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469	EA		200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,798.12	772.73
26 24 16 00-0470	EA		200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,812.72	1,159.04
26 24 16 00-0471	EA		200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	2,900.98	772.27
26 24 16 00-0472	EA		200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers .....	3,916.40	1,159.04
<b>26 24 16 00-0473</b>			<b>Panel Mounted Accessories And Fuseholders</b> <sup>(26 24 16 00-0001)</sup>		
<b>26 24 16 00-0474</b>			<b>Midget Finger-Safe Fuse Holders</b> <sup>(26 24 16 00-0473)</sup>		
			Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475	EA		1 Pole Midget Finger-Safe Fuse Holder .....	76.37	20.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	13.91	
26 24 16 00-0476	EA		1 Pole With Indicator Midget Finger-Safe Fuse Holder .....	90.58	20.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	13.91	
26 24 16 00-0477	EA		2 Pole Midget Finger-Safe Fuse Holder .....	123.59	31.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	20.86	
26 24 16 00-0478	EA		2 Pole With Indicators Midget Finger-Safe Fuse Holder .....	160.69	31.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	20.86	
26 24 16 00-0479	EA		3 Pole Midget Finger-Safe Fuse Holder .....	182.31	41.73
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	27.82	
26 24 16 00-0480	EA		3 Pole With Indicators Midget Finger-Safe Fuse Holder .....	231.59	41.73
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	27.82	
26 24 16 00-0481	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder .....	272.82	41.73
			Note: With indicators.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	27.82	
26 24 16 00-0482	EA		3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder .....	218.17	41.73
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	27.82	
26 24 16 00-0483	EA		4 Pole Midget Finger-Safe Fuse Holder .....	229.69	52.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	34.77	
26 24 16 00-0484	EA		4 Pole With Indicator Midget Finger-Safe Fuse Holder .....	283.81	52.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	34.77	
26 24 16 00-0485	EA		12 To 24 Volt DC Midget Finger-Safe Fuse Holder .....	90.63	20.86
			Note: With indicator.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	13.91	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0486 EA 20 To 24 Volt DC Midget Finger-Safe Fuse Holder ..... Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	98.18 13.91	20.86
26 24 16 00-0487 EA 35 To 48 Volt DC Midget Finger-Safe Fuse Holder ..... Note: With indicator. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.02 13.91	20.86
<b>26 24 16 00-0488 Removal And Reinstallation Of Panelboards</b> (26 24 16 00-0001) Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0489 EA Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers ..... Note: Includes removal and reinstallation of main wiring to panelboard. <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,455.76 434.64	
26 24 16 00-0490 EA Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.34 22.60	
26 24 16 00-0491 EA Panelboard Filler Plate, Fits 1" Opening ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.63 1.09	
<b>26 24 19 Motor-Control Centers</b> (26 24)		
26 24 19 00-0001 <b>Combination Starters With Molded Case Circuit Breakers</b> (26 24 19) Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002 <b>230 Volt Combination With Molded Case Circuit, Full Volt</b> (26 24 19 00-0001) Note: 1-Speed non-reversing.		
26 24 19 00-0003 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,370.96 63.53	105.89
26 24 19 00-0004 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,808.43 66.71	111.19
26 24 19 00-0005 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,180.92 69.89	116.48
26 24 19 00-0006 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,581.77 82.59	137.66
26 24 19 00-0007 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,273.89 95.30	158.83
26 24 19 00-0008 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,699.15 127.07	211.77
26 24 19 00-0009 <b>480 Volt Combination With Molded Case Circuit, Full Volt</b> (26 24 19 00-0001) Note: 1-Speed non-reversing.		
26 24 19 00-0010 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,370.96 63.53	105.89
26 24 19 00-0011 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,808.43 66.71	111.19
26 24 19 00-0012 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,180.92 69.89	116.48
26 24 19 00-0013 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,581.77 82.59	137.66
26 24 19 00-0014 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,273.89 95.30	158.83
26 24 19 00-0015 EA 480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,699.15 127.07	211.77
26 24 19 00-0016 <b>230 Volt Combination With Molded Case Circuit, Full Volt</b> (26 24 19 00-0001) Note: 1-Speed reversing.		
26 24 19 00-0017 EA 230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,437.00 63.53	105.89
26 24 19 00-0018 EA 230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,581.40 66.71	111.19
26 24 19 00-0019 EA 230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,568.23 69.89	116.48
26 24 19 00-0020 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,493.60 82.59	137.66
26 24 19 00-0021 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,625.52 95.30	158.83
26 24 19 00-0022 EA 230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38,993.07 127.07	211.77
26 24 19 00-0023 <b>480 Volt Combination With Molded Case Circuit, Full Volt</b> (26 24 19 00-0001) Note: 1-Speed reversing.		
26 24 19 00-0024 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,437.00 63.53	105.89
26 24 19 00-0025 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,581.40 66.71	111.19
26 24 19 00-0026 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,568.23 69.89	116.48
26 24 19 00-0027 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,493.60 82.59	137.66
26 24 19 00-0028 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,625.52 95.30	158.83

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0029	EA		480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38,993.07 127.07	211.77
<b>26 24 19 00-0030</b>			<b>230 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,180.65 101.65	169.42
26 24 19 00-0032	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,751.22 108.01	180.01
26 24 19 00-0033	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,469.10 114.35	190.60
26 24 19 00-0034	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,137.39 130.24	217.07
26 24 19 00-0035	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,079.21 152.48	254.13
<b>26 24 19 00-0036</b>			<b>480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,180.65 101.65	169.42
26 24 19 00-0038	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,751.22 108.01	180.01
26 24 19 00-0039	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,469.10 114.35	190.60
26 24 19 00-0040	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,137.39 130.24	217.07
26 24 19 00-0041	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,079.21 152.48	254.13
<b>26 24 19 00-0042</b>			<b>230 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,830.54 63.53	105.89
26 24 19 00-0044	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,190.04 66.71	111.19
26 24 19 00-0045	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,843.15 69.89	116.48
26 24 19 00-0046	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,492.90 82.59	137.66
26 24 19 00-0047	EA		230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,041.48 95.30	158.83
<b>26 24 19 00-0048</b>			<b>480 Volt Combination With Molded Case Circuit, Full Volt</b> <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,830.54 63.53	105.89
26 24 19 00-0050	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,190.04 66.71	111.19
26 24 19 00-0051	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,843.15 69.89	116.48
26 24 19 00-0052	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,492.90 82.59	137.66
26 24 19 00-0053	EA		480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,041.48 95.30	158.83
<b>26 24 19 00-0054</b>			<b>230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0055	EA		230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,144.87 10,940.10	111.19
26 24 19 00-0056	EA		230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,940.10 18,440.95	121.77
26 24 19 00-0057	EA		230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,440.95 28,527.15	137.66
26 24 19 00-0058	EA		230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,527.15 48,804.28	158.83
26 24 19 00-0059	EA		230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,804.28	211.77
<b>26 24 19 00-0060</b>			<b>480 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0061	EA		480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,144.87 10,940.10	111.19
26 24 19 00-0062	EA		480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,940.10 18,440.95	121.77
26 24 19 00-0063	EA		480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,440.95 28,527.15	137.66
26 24 19 00-0064	EA		480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,527.15 48,804.28	158.83
26 24 19 00-0065	EA		480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,804.28	211.77
<b>26 24 19 00-0066</b>			<b>230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0067	EA		230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,878.55 101.65	169.42





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0068 EA 230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit.....	6,302.44	195.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.53	
26 24 19 00-0069 EA 230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit.....	11,083.26	217.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	130.24	
26 24 19 00-0070 EA 230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	18,891.58	264.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	158.83	
26 24 19 00-0071 EA 230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	25,953.31	338.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.31	
<b>26 24 19 00-0072 480 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small>		
Note: Reducing volt, part winding.		
26 24 19 00-0073 EA 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit.....	4,878.55	169.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	101.65	
26 24 19 00-0074 EA 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit.....	6,302.44	195.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.53	
26 24 19 00-0075 EA 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit.....	11,083.26	217.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	130.24	
26 24 19 00-0076 EA 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit.....	18,891.58	264.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	158.83	
26 24 19 00-0077 EA 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit.....	25,953.31	338.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.31	
<b>26 24 19 00-0078 230 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small>		
Note: Reducing volt, energy saver.		
26 24 19 00-0079 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit.....	20,164.24	137.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.59	
26 24 19 00-0080 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit.....	21,390.92	169.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	101.65	
26 24 19 00-0081 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit.....	23,621.11	195.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.53	
26 24 19 00-0082 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	35,764.87	217.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	130.24	
26 24 19 00-0083 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	48,776.91	264.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	158.83	
26 24 19 00-0084 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	66,194.17	338.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.31	
<b>26 24 19 00-0085 480 Volt Combination With Molded Case Circuit</b> <small>(26 24 19 00-0001)</small>		
Note: Reducing volt, energy saver.		
26 24 19 00-0086 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit.....	20,164.24	137.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.59	
26 24 19 00-0087 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit.....	21,390.92	169.42
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	101.65	
26 24 19 00-0088 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit.....	23,621.11	195.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.53	
26 24 19 00-0089 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit.....	35,764.87	217.07
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	130.24	
26 24 19 00-0090 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit.....	48,776.91	264.72
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	158.83	
26 24 19 00-0091 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit.....	66,194.17	338.84
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	203.31	
<b>26 24 19 00-0092 Combination Starters With Current Limiting Circuit Breakers</b> <small>(26 24 19)</small>		
Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
<b>26 24 19 00-0093 230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small>		
Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit.....	3,172.75	105.89
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	63.53	
26 24 19 00-0095 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit.....	3,610.22	111.19
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.71	
26 24 19 00-0096 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit.....	5,583.49	116.48
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	69.89	
26 24 19 00-0097 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit.....	10,289.79	137.66
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.59	
26 24 19 00-0098 EA 230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit.....	18,422.33	158.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	95.30	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0099	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,028.82 127.07	211.77
<b>26 24 19 00-0100</b>			<b>480 Volt Combination Starters With Current Limiting Circuit</b> (26 24 19 00-0092) Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,172.75 63.53	105.89
26 24 19 00-0102	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,610.22 66.71	111.19
26 24 19 00-0103	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,583.49 69.89	116.48
26 24 19 00-0104	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,289.79 82.59	137.66
26 24 19 00-0105	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,422.33 95.30	158.83
26 24 19 00-0106	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,028.82 127.07	211.77
<b>26 24 19 00-0107</b>			<b>230 Volt Combination Starters With Current Limiting Circuit</b> (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA		230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,232.02 63.53	105.89
26 24 19 00-0109	EA		230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,367.38 66.71	111.19
26 24 19 00-0110	EA		230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,939.17 69.89	116.48
26 24 19 00-0111	EA		230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,165.49 82.59	137.66
26 24 19 00-0112	EA		230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,710.72 95.30	158.83
<b>26 24 19 00-0113</b>			<b>480 Volt Combination Starters With Current Limiting Circuit</b> (26 24 19 00-0092) Note: Full volt, 1-speed reversing.		
26 24 19 00-0114	EA		480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,232.02 63.53	105.89
26 24 19 00-0115	EA		480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,367.38 66.71	111.19
26 24 19 00-0116	EA		480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,939.17 69.89	116.48
26 24 19 00-0117	EA		480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,165.49 82.59	137.66
26 24 19 00-0118	EA		480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,710.72 95.30	158.83
<b>26 24 19 00-0119</b>			<b>230 Volt Combination Starters With Current Limiting Circuit</b> (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,962.11 101.65	169.42
26 24 19 00-0121	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,521.39 108.01	180.01
26 24 19 00-0122	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,817.47 114.35	190.60
26 24 19 00-0123	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,777.65 130.24	217.07
26 24 19 00-0124	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,139.57 152.48	254.13
<b>26 24 19 00-0125</b>			<b>480 Volt Combination Starters With Current Limiting Circuit</b> (26 24 19 00-0092) Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,962.11 101.65	169.42
26 24 19 00-0127	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,521.39 108.01	180.01
26 24 19 00-0128	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,817.47 114.35	190.60
26 24 19 00-0129	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,777.65 130.24	217.07
26 24 19 00-0130	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,139.57 152.48	254.13



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0131				<b>230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit	5,717.90	158.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0133	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit	8,063.12	169.42
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0134	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit	11,311.80	180.01
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.01	
26 24 19 00-0135	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	21,239.19	206.48
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.89	
26 24 19 00-0136	EA			230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	35,210.28	243.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.13	
26 24 19 00-0137				<b>480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit	5,717.90	158.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0139	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit	8,063.12	169.42
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0140	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	11,311.80	180.01
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.01	
26 24 19 00-0141	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	21,239.19	206.48
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	123.89	
26 24 19 00-0142	EA			480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	35,210.28	243.55
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.13	
26 24 19 00-0143				<b>230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
26 24 19 00-0144	EA			230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	7,903.75	111.19
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.71	
26 24 19 00-0145	EA			230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	12,728.89	121.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.06	
26 24 19 00-0146	EA			230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	21,514.86	137.66
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0147	EA			230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	32,594.83	158.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0148	EA			230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	53,630.83	211.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0149				<b>480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, auto-transformer.		
26 24 19 00-0150	EA			480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	7,903.75	111.19
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.71	
26 24 19 00-0151	EA			480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	12,728.89	121.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.06	
26 24 19 00-0152	EA			480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	21,514.86	137.66
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0153	EA			480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	32,594.83	158.83
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0154	EA			480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	53,630.83	211.77
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0155				<b>230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		
26 24 19 00-0156	EA			230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	5,660.01	169.42
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0157	EA			230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,068.09	195.89
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.53	
26 24 19 00-0158	EA			230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	12,422.59	217.07
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.24	
26 24 19 00-0159	EA			230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	22,003.88	264.72
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.83	
26 24 19 00-0160	EA			230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	32,462.50	338.84
				<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.31	
26 24 19 00-0161				<b>480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, part winding.		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0162	EA		480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,660.01 101.65	169.42
26 24 19 00-0163	EA		480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,068.09 117.53	195.89
26 24 19 00-0164	EA		480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,422.59 130.24	217.07
26 24 19 00-0165	EA		480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,003.88 158.83	264.72
26 24 19 00-0166	EA		480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,462.50 203.31	338.84
<b>26 24 19 00-0167</b>			<b>230 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
26 24 19 00-0168	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,812.44 82.59	137.66
26 24 19 00-0169	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,032.35 101.65	169.42
26 24 19 00-0170	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,239.96 117.53	195.89
26 24 19 00-0171	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,277.56 130.24	217.07
26 24 19 00-0172	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,174.42 158.83	264.72
26 24 19 00-0173	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68,920.26 203.31	338.84
<b>26 24 19 00-0174</b>			<b>480 Volt Combination Starters With Current Limiting Circuit</b> <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
26 24 19 00-0175	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,812.48 82.61	137.66
26 24 19 00-0176	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,032.35 101.65	169.42
26 24 19 00-0177	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,239.96 117.53	195.89
26 24 19 00-0178	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,277.56 130.24	217.07
26 24 19 00-0179	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,174.42 158.83	264.72
26 24 19 00-0180	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68,920.26 203.31	338.84
<b>26 24 19 00-0181</b>			<b>Combination Starters With Fusible Switch</b> <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
<b>26 24 19 00-0182</b>			<b>230 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0183	EA		7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,108.96 63.53	105.89
26 24 19 00-0184	EA		15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,910.06 66.71	111.19
26 24 19 00-0185	EA		30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,908.18 69.89	116.48
26 24 19 00-0186	EA		50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,659.10 82.59	137.66
26 24 19 00-0187	EA		100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,058.78 95.30	158.83
26 24 19 00-0188	EA		200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,078.05 127.07	211.77
<b>26 24 19 00-0189</b>			<b>480 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0190	EA		10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,108.96 63.53	105.89
26 24 19 00-0191	EA		25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,910.06 66.71	111.19
26 24 19 00-0192	EA		50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,908.18 69.89	116.48



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0193 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	8,659.10	137.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0194 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	14,058.78	158.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0195 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing.....	25,078.05	211.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
<b>26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 1-Speed reversing.</i>		
26 24 19 00-0197 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	3,407.64	105.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0198 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,078.29	111.19
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.71	
26 24 19 00-0199 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,126.64	116.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.89	
26 24 19 00-0200 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,246.25	137.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0201 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	20,380.51	158.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0202 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	34,645.33	211.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
<b>26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 1-Speed reversing.</i>		
26 24 19 00-0204 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	3,407.64	105.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0205 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	5,078.29	111.19
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.71	
26 24 19 00-0206 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,126.64	116.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.89	
26 24 19 00-0207 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,246.25	137.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0208 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	20,380.51	158.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.30	
26 24 19 00-0209 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	34,645.33	211.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
<b>26 24 19 00-0210 230 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 2 wind.</i>		
26 24 19 00-0211 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	3,990.93	169.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0212 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	5,489.22	180.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.01	
26 24 19 00-0213 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	8,638.49	190.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.35	
26 24 19 00-0214 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	15,431.00	217.07
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.24	
26 24 19 00-0215 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	24,584.59	254.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152.48	
<b>26 24 19 00-0216 480 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 2 wind.</i>		
26 24 19 00-0217 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	3,990.93	169.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0218 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	5,489.22	180.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.01	
26 24 19 00-0219 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	8,638.49	190.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.35	
26 24 19 00-0220 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	15,431.00	217.07
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.24	
26 24 19 00-0221 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter.....	24,584.59	254.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152.48	
<b>26 24 19 00-0222 230 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 1 wind.</i>		
26 24 19 00-0223 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	4,554.99	105.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0224 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	6,946.12	111.19
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.71	
26 24 19 00-0225 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	10,001.25	116.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.89	
26 24 19 00-0226 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	20,159.72	137.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
<b>26 24 19 00-0227 480 Volt Combination Starters With Fusible Switch, Full Volt</b> <small>(26 24 19 00-0181)</small>		
<i>Note: 2-Speed non-reversing, 1 wind.</i>		
26 24 19 00-0228 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter.....	4,554.99	105.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0229 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,946.12 66.71	111.19
26 24 19 00-0230 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,001.25 69.89	116.48
26 24 19 00-0231 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,159.72 82.59	137.66
<b>26 24 19 00-0232 230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Auto-transformer.		
26 24 19 00-0233 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,898.69 66.71	111.19
26 24 19 00-0234 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,180.06 73.06	121.77
26 24 19 00-0235 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,292.97 82.59	137.66
26 24 19 00-0236 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,095.22 95.30	158.83
26 24 19 00-0237 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45,520.32 127.07	211.77
<b>26 24 19 00-0238 480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Auto-transformer.		
26 24 19 00-0239 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,898.69 66.71	111.19
26 24 19 00-0240 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,180.06 73.06	121.77
26 24 19 00-0241 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,292.97 82.59	137.66
26 24 19 00-0242 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,095.22 95.30	158.83
26 24 19 00-0243 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45,520.32 127.07	211.77
<b>26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Part winding.		
26 24 19 00-0245 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,907.91 101.65	169.42
26 24 19 00-0246 EA 25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,496.67 117.53	195.89
26 24 19 00-0247 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,342.46 130.24	217.07
26 24 19 00-0248 EA 75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,614.86 158.83	264.72
<b>26 24 19 00-0249 480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Part winding.		
26 24 19 00-0250 EA 15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,907.91 101.65	169.42
26 24 19 00-0251 EA 40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,496.67 117.53	195.89
26 24 19 00-0252 EA 75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,342.46 130.24	217.07
26 24 19 00-0253 EA 150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,614.86 158.83	264.72
<b>26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Energy saver.		
26 24 19 00-0255 EA 7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,161.98 82.59	137.66
26 24 19 00-0256 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,390.92 101.65	169.42
26 24 19 00-0257 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,621.11 117.53	195.89
26 24 19 00-0258 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35,764.87 130.24	217.07
26 24 19 00-0259 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,776.91 158.83	264.72
26 24 19 00-0260 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,194.17 203.31	338.84
<b>26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt</b> <sup>(26 24 19 00-0181)</sup> Note: Energy saver.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0262 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	20,161.98	137.66
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.59	
26 24 19 00-0263 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	21,390.92	169.42
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.65	
26 24 19 00-0264 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	23,621.11	195.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.53	
26 24 19 00-0265 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	35,764.87	217.07
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.24	
26 24 19 00-0266 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	48,776.91	264.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.83	
26 24 19 00-0267 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP .....	66,194.17	338.84
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.31	
<b>26 24 19 00-0268 Starter Accessories</b> <small>(26 24 19)</small>		
Note: Additional options or accessories for the Combination Starters		
<b>26 24 19 00-0269 Starter Modifications</b> <small>(26 24 19 00-0268)</small>		
26 24 19 00-0270 EA Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer .....	192.48	
26 24 19 00-0271 EA Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer .....	352.34	
26 24 19 00-0272 EA Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer .....	503.66	
26 24 19 00-0273 EA Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes .....	126.48	
26 24 19 00-0274 EA Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes .....	178.43	
26 24 19 00-0275 EA Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes .....	300.39	
26 24 19 00-0276 EA Overload Relay Heater Elements, 3 Per Starter .....	74.53	
26 24 19 00-0277 EA N.O. Overload Relay Alarm .....	63.24	
26 24 19 00-0278 EA Control Circuit Fuses, Primary/Secondary .....	141.50	
26 24 19 00-0279 EA Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton .....	174.94	
26 24 19 00-0280 EA Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton .....	342.17	
26 24 19 00-0281 EA Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select .....	174.94	
26 24 19 00-0282 EA Control Devices Type PB2 Mount On Device, Individual Light Full V .....	200.67	
26 24 19 00-0283 EA Control Devices Type PB2 Mount On Device, Individual Light Transformer .....	241.83	
26 24 19 00-0284 EA Control Devices Type PB2 Mount On Device, Individual Light Push To .....	285.57	
26 24 19 00-0285 EA Blank Devices Panel .....	54.03	
26 24 19 00-0286 EA Oversize Or Special Color Starter .....	84.90	
26 24 19 00-0287 EA Mini Voltmeter/Ammeter With Current Transformer .....	739.26	
26 24 19 00-0288 EA Mini Elapsed Time Meters, Non-Resettable .....	669.79	
26 24 19 00-0289 EA Panel Elapsed Time Meter, Resettable .....	1,003.36	
26 24 19 00-0290 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Press .....	84.90	
26 24 19 00-0291 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw .....	120.92	
26 24 19 00-0292 EA Terminal Blocks, Front Mounted, Press Connection, Standard .....	84.90	
26 24 19 00-0293 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In .....	120.92	
26 24 19 00-0294 EA Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility .....	120.92	
26 24 19 00-0295 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type .....	174.94	
26 24 19 00-0296 EA MOR - A Solid State Modular Overload Relay .....	434.79	
26 24 19 00-0297 EA Heater Module .....	81.43	
26 24 19 00-0298 EA LAM - Long Acceleration Module .....	505.87	
26 24 19 00-0299 EA JAM - Jam Protection Module .....	579.90	
26 24 19 00-0300 EA PUM - Phase Unbalance Module .....	1,100.58	
26 24 19 00-0301 EA ULM - Underload Module .....	528.08	
26 24 19 00-0302 EA Wiring To Common Control Circuit Transformer .....	115.98	
26 24 19 00-0303 EA Handle Operator Separable Source Control Circuit .....	217.15	
26 24 19 00-0304 EA Type SIS Control Wire .....	91.30	
26 24 19 00-0305 EA Ring Or Spade Terminals Control .....	115.98	
26 24 19 00-0306 EA Ring Terminals Power .....	115.98	
26 24 19 00-0307 EA 14 Gauge Control Wire .....	91.30	
26 24 19 00-0308 EA Wiremakers .....	115.98	
26 24 19 00-0309 EA Wiring Diagram On Door .....	69.09	
26 24 19 00-0310 EA Special Color Or Type Control Wire .....	83.90	
26 24 19 00-0311 EA Current Transformer 12.5 VA .....	658.87	
26 24 19 00-0312 EA Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4 .....	2,104.92	
26 24 19 00-0313 EA Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6 .....	2,368.96	
<b>26 24 19 00-0314 Control Relays And Special Components</b> <small>(26 24 19 00-0268)</small>		
26 24 19 00-0315 EA 600 Volt, 2 Pole, Control Relays .....	567.11	
26 24 19 00-0316 EA 600 Volt, 4 Pole, Control Relays .....	669.24	
26 24 19 00-0317 EA 600 Volt, 6 Pole, Control Relays .....	781.96	
26 24 19 00-0318 EA 600 Volt, 8 Pole, Control Relays .....	869.37	
26 24 19 00-0319 EA Pneumatic Timer, Control Relays .....	756.12	
26 24 19 00-0320 EA Motor Driven Timer, Control Relays .....	1,970.32	
26 24 19 00-0321 EA 7 Days Time Switch, Control Relays .....	2,479.92	
26 24 19 00-0322 EA 24 Hour Time Switch, Control Relays .....	695.41	
26 24 19 00-0323 EA Phase Voltage, Control Relays .....	1,182.93	
26 24 19 00-0324 EA Two Circuit Alternator, Control Relays .....	1,655.73	
26 24 19 00-0325 EA Manual 120 Volt, Control Relays .....	161.89	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 19 00-0326	EA	Over-Current Relay, Control Relays .....	4,708.30	
26 24 19 00-0327	EA	UV-Relay, Control Relays .....	3,987.75	
26 24 19 00-0328	EA	Over-Current Relay, Control Relays .....	3,987.75	
26 24 19 00-0329	EA	Teleductor, Control Relays .....	1,219.72	
26 24 19 00-0330	EA	Current Transducer, Control Relays .....	3,280.19	
26 24 19 00-0331	EA	Watt Transducer, Control Relays .....	6,560.38	
26 24 19 00-0332	EA	Control Relays, Blank, Add For Each 1x.....	222.60	
26 24 19 00-0333	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway .....	332.99	
26 24 19 00-0334	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway .....	375.30	
26 24 19 00-0335	EA	Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway .....	417.61	
26 24 19 00-0336	EA	Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway .....	375.30	
26 24 19 00-0337	EA	Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway .....	417.61	
26 24 19 00-0338	EA	Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway .....	439.69	

**26 24 19 00-0339 Circuit Breaker Modifications/Accessories (26 24 19 00-0268)**

26 24 19 00-0340	EA	Shunt Trip, Circuit Breaker.....	358.37	
26 24 19 00-0341	EA	Auxiliary Switch, Circuit Breaker .....	123.78	
26 24 19 00-0342	EA	Key Interlock, Circuit Breaker .....	445.22	
26 24 19 00-0343	EA	GFR Ground Fault, Circuit Breaker.....	2,052.39	
26 24 19 00-0344	EA	Seltronic Breaker, Circuit Breaker.....	1,188.91	

**26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)**

26 24 19 00-0346	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100 .....	1,789.32	68.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 24 19 00-0347	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150 .....	3,106.07	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0348	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100 .....	3,011.36	68.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 24 19 00-0349	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150 .....	4,325.54	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0350	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150 .....	5,570.73	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0351	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250 .....	3,406.34	137.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.61	
26 24 19 00-0352	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400 .....	5,562.88	148.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.96	
26 24 19 00-0353	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600 .....	7,340.22	190.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.31	
26 24 19 00-0354	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800 .....	8,601.71	291.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	174.77	
26 24 19 00-0355	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200 .....	12,168.63	439.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	263.87	
26 24 19 00-0356	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000 .....	26,862.59	582.39
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	349.13	
26 24 19 00-0357	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500 .....	40,207.49	730.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	437.96	
26 24 19 00-0358	EA	Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000 .....	67,261.22	847.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	508.70	
26 24 19 00-0359	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	2,157.22	68.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 24 19 00-0360	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150.....	3,463.68	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0361	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	2,157.22	68.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 24 19 00-0362	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50.....	3,463.68	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0363	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150.....	3,693.13	68.82
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.29	
26 24 19 00-0364	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150.....	5,051.04	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0365	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50.....	6,280.80	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0366	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100.....	3,286.16	105.89
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24 19 00-0367	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400.....	8,313.57	291.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	174.77	
26 24 19 00-0368	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225 .....	8,313.57	291.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	174.77	
26 24 19 00-0369	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400 .....	11,234.63	317.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.52	
26 24 19 00-0370	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600 .....	14,041.82	370.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.27	
26 24 19 00-0371	EA	Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800 .....	16,151.19	439.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	263.87	

**26 24 19 00-0372 Incoming Line And Feeder Fusible Switches (26 24 19 00-0268)**

26 24 19 00-0373	EA	30 To 60 Amperes, Incoming Line And Feeder Fusible Switches.....	1,953.94	105.89
26 24 19 00-0374	EA	Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual .....	3,037.25	105.89
26 24 19 00-0375	EA	100 Amperes, Incoming Line And Feeder Fusible Switches.....	3,089.56	132.36
26 24 19 00-0376	EA	200 Amperes, Incoming Line And Feeder Fusible Switches.....	5,048.95	158.83



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0377 EA 400 Amperes, Incoming Line And Feeder Fusible Switches.....	10,001.27	201.18
26 24 19 00-0378 EA 600 Amperes, Incoming Line And Feeder Fusible Switches.....	14,036.18	264.72
26 24 19 00-0379 EA 800 Amperes, Incoming Line And Feeder Fusible Switches.....	34,264.84	354.72
26 24 19 00-0380 EA 1,200 Amperes, Incoming Line And Feeder Fusible Switches.....	38,618.54	492.38
<b>26 24 19 00-0381 Dry Type Distribution Transformers (26 24 19 00-0268)</b>		
26 24 19 00-0382 EA 500 VA, Phase 1, Dry Type Distribution Transformers .....	1,754.59	
26 24 19 00-0383 EA 750 VA, Phase 1, Dry Type Distribution Transformers .....	1,811.19	
26 24 19 00-0384 EA 1,000 VA, Phase 1, Dry Type Distribution Transformers .....	1,870.36	
26 24 19 00-0385 EA 1,500 VA, Phase 1, Dry Type Distribution Transformers .....	2,145.64	
26 24 19 00-0386 EA 2,000 VA, Phase 1, Dry Type Distribution Transformers .....	2,325.73	
26 24 19 00-0387 EA 3,000 VA, Phase 1, Dry Type Distribution Transformers .....	2,647.80	
26 24 19 00-0388 EA 5,000 VA, Phase 1, Dry Type Distribution Transformers .....	3,164.44	
26 24 19 00-0389 EA 7,500 VA, Phase 1, Dry Type Distribution Transformers .....	3,565.78	
26 24 19 00-0390 EA 9,000 VA, Phase 3, Dry Type Distribution Transformers .....	8,289.28	
26 24 19 00-0391 EA 10,000 VA, Phase 1, Dry Type Distribution Transformers .....	4,399.34	
26 24 19 00-0392 EA 15,000 VA, Phase 1, Dry Type Distribution Transformers .....	6,094.75	
26 24 19 00-0393 EA 15,000 VA, Phase 3, Dry Type Distribution Transformers .....	9,498.45	
26 24 19 00-0394 EA 20,000 VA, Phase 1, Dry Type Distribution Transformers .....	8,796.10	
26 24 19 00-0395 EA 30,000 VA, Phase 1, Dry Type Distribution Transformers .....	12,189.51	
26 24 19 00-0396 EA 30,000 VA, Phase 3, Dry Type Distribution Transformers .....	12,659.12	
26 24 19 00-0397 EA 45,000 VA, Phase 1, Dry Type Distribution Transformers .....	17,535.22	
<b>26 24 19 00-0398 Metering Equipment (26 24 19 00-0268)</b>		
26 24 19 00-0399 EA Metering Equipment, Voltmeter, Panel Type .....	828.41	
26 24 19 00-0400 EA Metering Equipment, Voltmeter, Switchboard Type .....	1,811.19	
26 24 19 00-0401 EA Metering Equipment, Ammeter, Panel .....	746.09	
26 24 19 00-0402 EA Metering Equipment, Ammeter, Switchboard Type .....	1,811.19	
26 24 19 00-0403 EA Metering Equipment, Voltmeter/Ammeter, Switch .....	1,005.93	
26 24 19 00-0404 EA Metering Equipment, Control Switch, 4 Circuits .....	1,067.68	
26 24 19 00-0405 EA Add For Additional Circuits .....	135.72	
26 24 19 00-0406 EA Metering Equipment, Indicating Wattmeter .....	3,735.58	
26 24 19 00-0407 EA Metering Equipment, Indicating Power Factor .....	3,913.09	
26 24 19 00-0408 EA Metering Equipment, Integrating Watt-hour .....	3,450.01	
26 24 19 00-0409 EA Add For Demand Attachment .....	888.36	
26 24 19 00-0410 EA 800 Amperes, Metering Equipment, Current Transformer .....	1,031.66	
26 24 19 00-0411 EA 1,000 Amperes, Metering Equipment, Current Transformer .....	1,780.32	
26 24 19 00-0412 EA 2,000 Amperes, Metering Equipment, Current Transformer .....	2,073.61	
26 24 19 00-0413 EA Metering Equipment, Potential Transformer .....	1,728.86	
26 24 19 00-0414 EA Metering Equipment, Surge Arrester .....	1,860.07	
26 24 19 00-0415 EA Metering Equipment, Ground Detector System .....	1,422.71	
<b>26 24 19 00-0416 Current Limiting Reactors (26 24 19 00-0268)</b>		
26 24 19 00-0417 EA 600 Amperes, Current Limiting Reactors .....	31,754.98	
26 24 19 00-0418 EA 800 Amperes, Current Limiting Reactors .....	46,244.49	
26 24 19 00-0419 EA 1,000 Amperes, Current Limiting Reactors .....	60,767.45	
26 24 19 00-0420 EA 1,200 Amperes, Current Limiting Reactors .....	92,499.27	
<b>26 24 19 00-0421 Incoming Line Cable Space Requirements, Main Lugs Only (26 24 19 00-0268)</b>		
26 24 19 00-0422 EA Incoming Line Cable Space Requirement, 350 MCC, 2 Screw .....	490.11	
26 24 19 00-0423 EA Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp .....	490.11	
26 24 19 00-0424 EA Incoming Line Cable Space Requirement, 350 MCC, 4 Screw .....	677.57	
26 24 19 00-0425 EA Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp .....	1,239.95	
26 24 19 00-0426 EA Incoming Line Cable Space Requirement, 600 MCC, 2 Screw .....	677.57	
26 24 19 00-0427 EA Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp .....	865.03	
26 24 19 00-0428 EA Incoming Line Cable Space Requirement, 600 MCC, 4 Screw .....	865.03	
26 24 19 00-0429 EA Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp .....	1,237.69	
26 24 19 00-0430 EA Incoming Line Cable Space Requirement, 750 MCC, 2 Screw .....	865.03	
26 24 19 00-0431 EA Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp .....	1,237.69	
26 24 19 00-0432 EA Incoming Line Cable Space Requirement, 750 MCC, 4 Screw .....	1,052.49	
26 24 19 00-0433 EA Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp .....	3,412.69	
26 24 19 00-0434 EA Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw .....	1,052.49	
26 24 19 00-0435 EA Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp .....	1,237.69	
26 24 19 00-0436 EA Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw .....	3,412.69	
26 24 19 00-0437 EA Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp .....	3,412.69	
26 24 19 00-0438 EA Bus Duct Transition Pull Box .....	1,113.94	
26 24 19 00-0439 EA Throat And Transition To Substation .....	2,150.45	
26 24 19 00-0440 EA Service Entrance Label .....	465.71	
26 24 19 00-0441 EA Type W To 5 Star - 10" Transition .....	973.45	
26 24 19 00-0442 EA 600 Amperes, Sub Feed Lugs On Main Bus .....	589.77	
<b>26 24 19 00-0443 Standard Structures And Structure Options/Modifications (26 24 19 00-0268)</b>		
26 24 19 00-0444 EA Standard Structure Add For Each Additional 4" Of Structure Width .....	307.52	
26 24 19 00-0445 EA Standard Structure Add For 8" Vertical Wireway In Lieu Of 4" .....	307.52	
26 24 19 00-0446 EA Standard Structure Single Corner Section "L", 16" Depth.....	951.33	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth.....	1,073.01	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space.....	91.81	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof.....	247.79	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure .....	51.99	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space .....	223.45	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control.....	718.09	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High.....	223.45	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC .....	463.92	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted.....	6,618.27	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back.....	7,649.76	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted.....	7,657.16	

**26 24 19 00-0458 Installation Hours For Vertical Sections (26 24 19 00-0268)**

26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes .....	635.30	317.66
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes .....	952.95	476.50
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes .....	1,058.88	529.44
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes .....	1,270.77	635.33
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes .....	105.89	52.94
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes .....	635.30	317.66
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes .....	952.95	476.50
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes .....	1,058.88	529.44
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes .....	1,270.77	635.33
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes .....	105.89	52.94
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes .....	741.23	370.60
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes .....	952.95	476.50
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes .....	1,270.77	635.33
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes .....	1,482.24	741.11
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes .....	158.83	79.42
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes .....	847.10	423.55
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes .....	1,164.86	582.39
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes .....	1,482.24	741.11
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes .....	1,693.92	847.00
26 24 19 00-0478	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes .....	211.77	105.89
26 24 19 00-0479	EA	Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes .....	847.10	423.55
26 24 19 00-0480	EA	Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes .....	1,270.77	635.33
26 24 19 00-0481	EA	Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes .....	1,588.15	794.06
26 24 19 00-0482	EA	Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes .....	1,800.21	900.15
26 24 19 00-0483	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes .....	211.77	105.89

**26 24 19 00-0484 Motor Control Centers (26 24 19)****26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)**

26 24 19 00-0486	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp .....	12,573.88	211.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0487	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp .....	12,573.88	211.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0488	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp .....	12,573.88	211.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0489	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp .....	12,626.86	238.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.96	
26 24 19 00-0490	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp .....	13,415.47	264.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.83	
26 24 19 00-0491	EA	2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp .....	13,468.40	291.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	174.71	
26 24 19 00-0492	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp .....	13,521.33	317.66
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.59	
26 24 19 00-0493	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp .....	13,627.26	370.60
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.37	
26 24 19 00-0494	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp .....	13,733.13	423.55
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	254.13	
26 24 19 00-0495	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp .....	23,009.32	476.50
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	285.89	
26 24 19 00-0496	EA	2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp .....	24,705.57	529.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	317.66	
26 24 19 00-0497	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp .....	18,605.19	211.77
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127.07	
26 24 19 00-0498	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp .....	19,386.06	227.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.60	
26 24 19 00-0499	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp .....	22,018.98	248.84
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	149.30	
26 24 19 00-0500	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp .....	24,503.11	264.72
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.83	
26 24 19 00-0501	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp .....	26,668.65	307.08
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	184.26	
26 24 19 00-0502	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp .....	29,215.35	328.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	196.95	
26 24 19 00-0503	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp .....	31,760.56	349.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.65	
26 24 19 00-0504	EA	2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp .....	34,783.33	381.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	228.73	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0505 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40,466.82 254.13	423.55
26 24 19 00-0506 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,838.69 270.03	450.03
26 24 19 00-0507 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,871.29 317.66	529.44
26 24 19 00-0508 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71,257.75 349.46	582.39
26 24 19 00-0509 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75,079.36 381.23	635.33
26 24 19 00-0510 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81,751.74 413.03	688.38
26 24 19 00-0511 EA 2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,560.34 127.07	211.77
26 24 19 00-0512 EA 2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,613.32 142.96	238.25
26 24 19 00-0513 EA 2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,666.23 158.83	264.72
26 24 19 00-0514 EA 2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,719.16 174.71	291.19
26 24 19 00-0515 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,775.06 190.59	317.66
26 24 19 00-0516 EA 2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,828.06 206.49	344.13
26 24 19 00-0517 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,880.99 222.37	370.60
26 24 19 00-0518 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,092.71 285.89	476.50
26 24 19 00-0519 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,687.84 317.66	529.44
26 24 19 00-0520 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,793.82 349.46	582.39
26 24 19 00-0521 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,481.13 381.23	635.33
26 24 19 00-0522 EA Add For Reversing Starters, 100 To 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,914.89 63.53	
26 24 19 00-0523 EA Add For Reversing Starters, 1,000 To 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,122.96 63.53	
26 24 19 00-0524 EA Add For Reversing Starters, 1,750 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,875.82 63.53	
<b>26 24 19 00-0525 4.8 KV Motor Control Centers (26 24 19 00-0484)</b>		
26 24 19 00-0526 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,729.41 190.59	317.66
26 24 19 00-0527 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,782.41 206.49	344.13
26 24 19 00-0528 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,835.34 222.37	370.60
26 24 19 00-0529 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,888.31 238.26	397.08
26 24 19 00-0530 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,669.49 254.13	423.55
26 24 19 00-0531 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,722.50 270.03	450.03
26 24 19 00-0532 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,775.34 285.89	476.50
26 24 19 00-0533 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,828.38 301.80	502.97
26 24 19 00-0534 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,881.27 317.66	529.44
26 24 19 00-0535 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,105.21 413.03	688.38
26 24 19 00-0536 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,210.67 444.67	741.11
26 24 19 00-0537 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,899.47 476.45	794.06
26 24 19 00-0538 EA 4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,005.24 508.18	847.00
26 24 19 00-0539 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,028.00 190.59	317.66
26 24 19 00-0540 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,289.07 206.49	344.13
26 24 19 00-0541 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,478.05 222.37	370.60
26 24 19 00-0542 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,975.95 238.26	397.08
26 24 19 00-0543 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,109.64 254.13	423.55
26 24 19 00-0544 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29,667.03 270.03	450.03
26 24 19 00-0545 EA 4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,068.19 285.89	476.50



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP.....	35,234.98	502.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	301.80	
26 24	19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP.....	40,787.10	529.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	317.66	
26 24	19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP.....	44,564.69	555.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	333.56	
26 24	19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP.....	48,395.21	608.86
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	365.33	
26 24	19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP.....	51,553.06	635.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	381.23	
26 24	19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP.....	54,532.37	661.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	397.08	
26 24	19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP.....	58,695.11	688.38
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	413.03	
26 24	19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP.....	92,914.26	847.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	508.18	
26 24	19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP.....	103,305.60	900.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	540.06	
26 24	19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP.....	124,107.71	952.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	571.77	
26 24	19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP.....	131,249.28	952.99
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	571.77	
26 24	19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP.....	18,818.83	370.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	222.37	
26 24	19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP.....	18,871.80	397.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	238.26	
26 24	19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP.....	18,924.70	423.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	254.13	
26 24	19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP.....	18,977.71	450.03
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	270.03	
26 24	19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP.....	20,597.09	476.50
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	285.89	
26 24	19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP.....	20,650.13	502.97
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	301.80	
26 24	19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP.....	20,703.02	529.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	317.66	
26 24	19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP.....	20,755.99	555.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	333.56	
26 24	19 00-0565	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP.....	20,809.00	582.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	349.46	
26 24	19 00-0566	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP.....	21,126.38	741.11
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	444.67	
26 24	19 00-0567	EA	4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP.....	33,929.57	794.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	476.45	
26 24	19 00-0568	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP.....	35,610.79	847.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	508.18	
26 24	19 00-0569	EA	4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP.....	35,610.79	847.00
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	508.18	
26 24	19 00-0570	EA	Add For Reversing Starters, 100 To 1,250 HP.....	10,397.90	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24	19 00-0571	EA	Add For Reversing Starters, 1,500 To 2,500 HP.....	10,714.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24	19 00-0572	EA	Add For Reversing Starters, 3,000 To 4,500 HP.....	16,416.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.53	
26 24	19 00-0573		<b>2.4/4.8 KV Motor Control Centers, Accessories (26 24 19 00-0484)</b>		
26 24	19 00-0574	EA	2.4/4.8 KV Load Break Disconnect Switch 600 Amperes.....	13,523.23	211.77
26 24	19 00-0575	EA	2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes.....	16,244.24	317.66
26 24	19 00-0576	EA	2.4/4.8 KV NEMA 3 Weather Resistant.....	5,332.47	
26 24	19 00-0577	EA	2.4/4.8 KV Space Heaters.....	258.59	15.88
26 24	19 00-0578	EA	2.4/4.8 KV Potential Transformer Fused.....	1,544.86	
26 24	19 00-0579	EA	2.4/4.8 KV Current Transformer 600 Volt, 5 KVA.....	828.89	
26 24	19 00-0580	EA	2.4/4.8 KV Control Transformer 4 KVA Max.....	2,468.61	
26 24	19 00-0581	EA	2.4/4.8 KV Pushbuttons Each.....	158.10	
26 24	19 00-0582	EA	2.4/4.8 KV Selector Switch Each.....	523.99	
26 24	19 00-0583	EA	2.4/4.8 KV Indicating Light.....	158.10	
26 24	19 00-0584	EA	2.4/4.8 KV Push To Test Light.....	478.82	
26 24	19 00-0585	EA	2.4/4.8 KV AC Voltmeter, Switchboard Type.....	1,273.83	
26 24	19 00-0586	EA	2.4/4.8 KV AC Ammeter, Switchboard Type.....	1,273.83	
26 24	19 00-0587	EA	2.4/4.8 KV Power Factor Meter.....	3,810.20	
26 24	19 00-0588	EA	2.4/4.8 KV Watt Hr Meter, 2 Element Drawout.....	2,626.71	
26 24	19 00-0589	EA	2.4/4.8 KV Operation Counter.....	510.58	15.88
26 24	19 00-0590	EA	2.4/4.8 KV Phase Failure Protection.....	3,678.94	52.94
26 24	19 00-0591	EA	2.4/4.8 KV Ground Protection.....	7,036.42	26.47
26 24	19 00-0592	EA	2.4/4.8 KV Synchronous Motor DC Protection.....	2,080.22	26.47
26 24	19 00-0593	EA	2.4/4.8 KV Lightning Arresters.....	5,443.35	15.88
26 24	19 00-0594	EA	2.4/4.8 KV Portable Lifting Mechanism.....	7,888.32	
26 24	19 00-0595	EA	2.4/4.8 KV Auxiliary Timing Relay.....	769.85	52.94
26 24	19 00-0596	EA	2.4/4.8 KV Auxiliary Control Relay.....	544.96	52.94



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers</b> <small>(26 24 19 00-0484)</small>		
<small>Note: 3 Pole. Includes structure.</small>		
26 24 19 00-0598 EA Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included.....	1,088.90	317.57
26 24 19 00-0599 EA Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included.....	1,893.59	562.13
26 24 19 00-0600 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included.....	2,282.29	719.76
26 24 19 00-0601 EA Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included.....	3,650.72	1,159.04
26 24 19 00-0602 EA Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included.....	4,275.35	1,274.94
26 24 19 00-0603 EA Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included.....	5,435.15	1,414.02
26 24 19 00-0604 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included.....	6,330.24	1,657.42
26 24 19 00-0605 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included.....	10,585.14	1,930.95
<b>26 24 19 00-0606 Main Lugs Only</b> <small>(26 24 19 00-0484)</small>		
26 24 19 00-0607 EA 600 Amperes Incoming Section, Main Lugs.....	917.64	405.66
26 24 19 00-0608 EA 800 Amperes Incoming Section, Main Lugs.....	999.70	405.66
26 24 19 00-0609 EA 1,200 Amperes Incoming Section, Main Lugs.....	1,415.82	637.47
26 24 19 00-0610 EA 2,000 Amperes Incoming Section, Main Lugs.....	3,316.96	1,159.04
26 24 19 00-0611 EA 3,000 Amperes Incoming Section, Main Lugs.....	5,021.35	1,680.60
26 24 19 00-0612 EA 4,000 Amperes Incoming Section, Main Lugs.....	7,126.01	2,318.07
<b>26 24 19 00-0613 Incoming Main Circuit Breaker Structure</b> <small>(26 24 19 00-0484)</small>		
<small>Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.</small>		
26 24 19 00-0614 EA 225 Amperes, Main Circuit Breaker Section.....	5,370.22	560.86
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
26 24 19 00-0615 EA 400 Amperes, Main Circuit Breaker Section.....	11,210.83	720.46
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
26 24 19 00-0616 EA 600 Amperes, Main Circuit Breaker Section.....	11,790.54	1,122.17
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
26 24 19 00-0617 EA 800 Amperes, Main Circuit Breaker Section.....	16,562.88	1,122.17
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
26 24 19 00-0618 EA 1,200 Amperes, Main Circuit Breaker Section.....	23,830.46	1,269.73
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
<b>26 24 19 00-0619 Incoming Fusible Main Disconnect Section</b> <small>(26 24 19 00-0484)</small>		
<small>Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.</small>		
26 24 19 00-0620 EA 200 Amperes, Fusible Main Disconnect Section.....	4,692.96	561.55
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	
26 24 19 00-0621 EA 400 Amperes, Fusible Main Disconnect Section.....	6,457.77	720.81
<small>For 800 Amperes, Tin Plated Copper Bus, Add</small>		
	182.00	
<small>For 1,200 Amperes, Tin Plated Copper Bus, Add</small>		
	334.00	
<small>For NEMA 1 With Gaskets, Add</small>		
	97.00	
<small>For NEMA 12, Add</small>		
	245.00	
<small>For 20" Cabinet Depth, Add</small>		
	108.00	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	19 00-0622	EA	600 Amperes, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	12,501.51 182.00 334.00 97.00 245.00 108.00	1,123.11
26 24	19 00-0623	EA	800 Amperes, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	14,459.22 182.00 334.00 97.00 245.00 108.00	1,123.11
26 24	19 00-0624	EA	1,200 Amperes, Fusible Main Disconnect Section..... <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gaskets, Add</i> <i>For NEMA 12, Add</i> <i>For 20" Cabinet Depth, Add</i>	20,239.15 182.00 334.00 97.00 245.00 108.00	1,270.88
26 24	19 00-0625		<b>Circuit Breaker Combination Starters</b> <small>(26 24 19 00-0484)</small>		
26 24	19 00-0626		<b>Class I, Type A</b> <small>(26 24 19 00-0625)</small>		
26 24	19 00-0627	EA	Size 1, Class I, Type A Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	890.83 134.15	235.28
26 24	19 00-0628	EA	Size 2, Class I, Type A Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,030.89 148.59	235.28
26 24	19 00-0629	EA	Size 3, Class I, Type A Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,485.04 199.83	333.80
26 24	19 00-0630	EA	Size 4, Class I, Type A Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,373.42 263.42	439.28
26 24	19 00-0631	EA	Size 5, Class I, Type A Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,148.89 329.27	549.38
26 24	19 00-0632		<b>Class I, Type B</b> <small>(26 24 19 00-0625)</small>		
26 24	19 00-0633	EA	Size 1, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	835.11 115.90	205.15
26 24	19 00-0634	EA	Size 2, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	970.66 130.52	205.15
26 24	19 00-0635	EA	Size 3, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,413.30 178.31	296.72
26 24	19 00-0636	EA	Size 4, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,300.24 241.46	402.19
26 24	19 00-0637	EA	Size 5, Class I, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,089.88 311.57	513.46
26 24	19 00-0638		<b>Class I, Type C</b> <small>(26 24 19 00-0625)</small>		
26 24	19 00-0639	EA	Size 1, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	867.45 104.99	190.08
26 24	19 00-0640	EA	Size 2, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,013.74 123.30	190.08
26 24	19 00-0641	EA	Size 3, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,496.81 170.45	283.97
26 24	19 00-0642	EA	Size 4, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,390.36 235.58	392.91
26 24	19 00-0643	EA	Size 5, Class I, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,170.45 301.83	504.18
26 24	19 00-0644		<b>Class II, Type B</b> <small>(26 24 19 00-0625)</small>		
26 24	19 00-0645	EA	Size 1, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	911.35 159.21	281.64
26 24	19 00-0646	EA	Size 2, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,226.40 177.77	281.64
26 24	19 00-0647	EA	Size 3, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,716.70 224.62	375.53
26 24	19 00-0648	EA	Size 4, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,742.93 289.76	481.00
26 24	19 00-0649	EA	Size 5, Class II, Type B Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,815.56 353.36	587.63
26 24	19 00-0650		<b>Class II, Type C</b> <small>(26 24 19 00-0625)</small>		
26 24	19 00-0651	EA	Size 1, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,101.25 152.51	266.58
26 24	19 00-0652	EA	Size 2, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,257.73 166.53	266.58
26 24	19 00-0653	EA	Size 3, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,805.56 217.86	363.94
26 24	19 00-0654	EA	Size 4, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,824.54 281.32	469.41



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0655 EA Size 5, Class II, Type C Circuit Breaker Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,912.74 349.11	579.52
<b>26 24 19 00-0656 Fused Disconnect Combination Starter</b> (26 24 19 00-0484)		
<b>26 24 19 00-0657 Class I, Type A</b> (26 24 19 00-0656)		
26 24 19 00-0658 EA Size 1, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	819.60 130.52	216.74
26 24 19 00-0659 EA Size 2, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,219.85 177.77	296.72
26 24 19 00-0660 EA Size 3, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,896.26 231.81	385.96
26 24 19 00-0661 EA Size 4, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,601.14 325.57	541.27
26 24 19 00-0662 EA Size 5, Class I, Type A Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,425.68 413.94	689.62
<b>26 24 19 00-0663 Class I, Type B</b> (26 24 19 00-0656)		
26 24 19 00-0664 EA Size 1, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	820.37 115.90	193.56
26 24 19 00-0665 EA Size 2, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,107.48 159.21	265.42
26 24 19 00-0666 EA Size 3, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,619.73 213.06	354.66
26 24 19 00-0667 EA Size 4, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,669.12 308.26	512.29
26 24 19 00-0668 EA Size 5, Class I, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,477.50 391.57	651.38
<b>26 24 19 00-0669 Class I, Type C</b> (26 24 19 00-0656)		
26 24 19 00-0670 EA Size 1, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	856.38 108.53	180.81
26 24 19 00-0671 EA Size 2, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,153.42 148.59	245.72
26 24 19 00-0672 EA Size 3, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,739.93 206.97	341.91
26 24 19 00-0673 EA Size 4, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,788.22 301.83	504.18
26 24 19 00-0674 EA Size 5, Class I, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,249.06 386.35	644.42
<b>26 24 19 00-0675 Class II, Type B</b> (26 24 19 00-0656)		
26 24 19 00-0676 EA Size 1, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,048.72 162.79	271.22
26 24 19 00-0677 EA Size 2, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,348.35 202.63	338.44
26 24 19 00-0678 EA Size 3, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,927.58 261.05	435.80
26 24 19 00-0679 EA Size 4, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,078.29 353.36	587.63
26 24 19 00-0680 EA Size 5, Class II, Type B Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,138.55 439.03	733.67
<b>26 24 19 00-0681 Class II, Type C</b> (26 24 19 00-0656)		
26 24 19 00-0682 EA Size 1, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,075.05 152.51	254.99
26 24 19 00-0683 EA Size 2, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,393.90 191.90	319.89
26 24 19 00-0684 EA Size 3, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,023.18 249.79	416.09
26 24 19 00-0685 EA Size 4, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,183.36 344.95	573.73
26 24 19 00-0686 EA Size 5, Class II, Type C Fused Disconnect Combination Starter ..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,236.01 426.11	710.49
<b>26 24 19 00-0687 Space Complete With Bus And Hardware</b> (26 24 19 00-0484)		
<b>26 24 19 00-0688 Circuit Breaker Type</b> (26 24 19 00-0687)		
26 24 19 00-0689 EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware.....	258.60	78.81
26 24 19 00-0690 EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware.....	258.60	78.81
26 24 19 00-0691 EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware.....	383.38	114.75
26 24 19 00-0692 EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware.....	461.85	150.68
26 24 19 00-0693 EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware.....	764.04	229.49
<b>26 24 19 00-0694 Fused Disconnect Type</b> (26 24 19 00-0687)		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 24 19 00-0695	EA	Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware.....	258.60	78.81
26 24 19 00-0696	EA	Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware.....	347.74	114.75
26 24 19 00-0697	EA	Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware.....	479.29	150.68
26 24 19 00-0698	EA	Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware.....	812.70	229.49
26 24 19 00-0699	EA	Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware.....	1,139.36	333.80
<b>26 24 19 00-0700</b>		<b>Blank Space For Future Expansion</b> <small>(26 24 19 00-0687)</small>		
		Note: Factory modified no labor costs.		
26 24 19 00-0701	EA	Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs.....	101.55	
26 24 19 00-0702	EA	Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs.....	101.55	
26 24 19 00-0703	EA	Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs.....	153.96	
26 24 19 00-0704	EA	Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs.....	153.96	
26 24 19 00-0705	EA	Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs.....	306.28	
<b>26 24 19 00-0706</b>		<b>Structure Combination Of Starters To 72" High</b> <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707	EA	Structure Combination Of Starters To 72" High.....	2,870.82	610.00
<b>26 24 19 00-0708</b>		<b>Motor Control Center Basic Distribution Section</b> <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709	EA	20" Wide Basic Section With Vertical Wireway.....	5,070.95	1,588.57
		For 20" Cabinet Depth, Add	108.00	
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
		For NEMA 1 With Gasket, Add	97.00	
		For NEMA 12, Add	245.00	
		For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0710	EA	25" To 35" Wide Basic Section (No Vertical Wireway).....	5,070.95	1,588.57
		For 20" Cabinet Depth, Add	108.00	
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
		For NEMA 1 With Gasket, Add	97.00	
		For NEMA 12, Add	245.00	
		For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0711	EA	25" Wide Basic Section With 9" Wide Vertical Wireway.....	5,517.19	1,588.57
		For 20" Cabinet Depth, Add	108.00	
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
		For NEMA 1 With Gasket, Add	97.00	
		For NEMA 12, Add	245.00	
		For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
26 24 19 00-0712	EA	Corner Section.....	5,517.19	1,588.57
		For 20" Cabinet Depth, Add	108.00	
		For 800 Amperes, Tin Plated Copper Bus, Add	182.00	
		For 1,200 Amperes, Tin Plated Copper Bus, Add	334.00	
		For 1,600 Amperes, Tin Plated Copper Bus, Add	402.00	
		For 2,000 Amperes, Tin Plated Copper Bus, Add	506.00	
		For NEMA 1 With Gasket, Add	97.00	
		For NEMA 12, Add	245.00	
		For 600 Amperes, Tin Plated Copper Vertical, Add	210.00	
<b>26 24 19 00-0713</b>		<b>Motor Control Center Starters With HMCP Circuit Breaker</b> <small>(26 24 19 00-0484)</small>		
		Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
<b>26 24 19 00-0714</b>		<b>FVNR Starters With HMCP Circuit Breaker</b> <small>(26 24 19 00-0713)</small>		
26 24 19 00-0715	EA	Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker.....	1,222.65	223.12
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	133.86	
26 24 19 00-0716	EA	Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker.....	1,360.45	247.45
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	148.47	
26 24 19 00-0717	EA	Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker.....	2,311.17	332.64
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	199.61	
26 24 19 00-0718	EA	Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker.....	3,330.63	438.58
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	263.18	
26 24 19 00-0719	EA	Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker.....	7,370.21	548.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	328.90	
26 24 19 00-0720	EA	Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker.....	16,876.67	548.11
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	328.90	
26 24 19 00-0721	EA	Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker.....	1,218.51	192.98
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.78	
26 24 19 00-0722	EA	Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker.....	1,374.10	217.32
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	130.38	
26 24 19 00-0723	EA	Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker.....	2,341.58	296.72
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	178.02	
26 24 19 00-0724	EA	Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker.....	3,314.68	402.19
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	241.33	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0725 EA Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker.....	7,369.32	519.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	311.57	
26 24 19 00-0726 EA Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker.....	16,978.07	519.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	311.57	
<b>26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker (26 24 19 00-0713)</b>		
26 24 19 00-0728 EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,919.77	279.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	167.49	
26 24 19 00-0729 EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,338.70	308.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	185.35	
26 24 19 00-0730 EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	3,807.97	415.17
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	249.08	
26 24 19 00-0731 EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	6,469.51	548.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	329.27	
26 24 19 00-0732 EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	11,533.65	686.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	411.98	
26 24 19 00-0733 EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	1,928.89	241.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	144.64	
26 24 19 00-0734 EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	2,366.89	271.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	163.09	
26 24 19 00-0735 EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	3,851.48	371.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	222.89	
26 24 19 00-0736 EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	6,463.35	503.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	301.83	
26 24 19 00-0737 EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker.....	11,545.05	649.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	389.81	
<b>26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker (26 24 19 00-0713)</b>		
26 24 19 00-0739 EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,090.38	279.22
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	167.49	
26 24 19 00-0740 EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,931.29	308.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	185.35	
26 24 19 00-0741 EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	5,449.24	415.17
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	249.08	
26 24 19 00-0742 EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	7,412.41	548.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	329.27	
26 24 19 00-0743 EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	14,655.81	686.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	411.98	
26 24 19 00-0744 EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,099.50	241.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	144.64	
26 24 19 00-0745 EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	2,959.48	271.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	163.09	
26 24 19 00-0746 EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	5,492.75	371.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	222.89	
26 24 19 00-0747 EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	7,406.26	503.02
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	301.83	
26 24 19 00-0748 EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker.....	14,667.21	649.64
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	389.81	
<b>26 24 19 00-0749 Motor Control Center Starters With Fusible Disconnect (26 24 19 00-0484)</b>		
Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
<b>26 24 19 00-0750 FVNR Starters With Fusible Disconnect (26 24 19 00-0749)</b>		
26 24 19 00-0751 EA Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect.....	1,004.92	217.55
26 24 19 00-0752 EA Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect.....	1,315.87	295.67
26 24 19 00-0753 EA Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect.....	2,141.20	385.26
26 24 19 00-0754 EA Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect.....	3,557.95	542.66
26 24 19 00-0755 EA Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect.....	6,951.92	689.85
26 24 19 00-0756 EA Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect.....	17,102.07	689.85
26 24 19 00-0757 EA Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect.....	1,011.02	192.87
26 24 19 00-0758 EA Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect.....	1,328.17	264.84
26 24 19 00-0759 EA Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect.....	2,183.12	355.13
26 24 19 00-0760 EA Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect.....	3,557.10	513.80
26 24 19 00-0761 EA Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect.....	6,934.21	652.65
26 24 19 00-0762 EA Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect.....	17,186.72	652.65
<b>26 24 19 00-0763 Two Speed 2-Winding (TS2W) With Fusible Disconnect (26 24 19 00-0749)</b>		
26 24 19 00-0764 EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,680.92	272.37
26 24 19 00-0765 EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,337.23	369.61
26 24 19 00-0766 EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	3,574.13	481.34
26 24 19 00-0767 EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	7,330.58	680.24
26 24 19 00-0768 EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	11,774.08	796.03
26 24 19 00-0769 EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	1,702.93	241.08
26 24 19 00-0770 EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	2,361.96	330.78
26 24 19 00-0771 EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	3,631.10	444.38
26 24 19 00-0772 EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	7,337.62	641.06
26 24 19 00-0773 EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect.....	11,768.64	750.71



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 19 00-0774	<b>Two Speed 1-Winding (TS1W) With Fusible Disconnect</b> <small>(26 24 19 00-0749)</small>			
26 24 19 00-0775	EA	Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,937.97	272.37
26 24 19 00-0776	EA	Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,938.91	369.61
26 24 19 00-0777	EA	Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,232.46	481.34
26 24 19 00-0778	EA	Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	7,676.35	680.24
26 24 19 00-0779	EA	Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	14,261.57	796.03
26 24 19 00-0780	EA	Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	1,960.74	241.08
26 24 19 00-0781	EA	Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	2,963.65	330.78
26 24 19 00-0782	EA	Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	5,289.43	444.38
26 24 19 00-0783	EA	Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	7,683.39	641.06
26 24 19 00-0784	EA	Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect.....	14,256.13	750.71
26 24 19 00-0785	<b>Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit</b> <small>(26 24 19 00-0484)</small>			
	Note: Per section. Labor is included in basic distribution section.			
26 24 19 00-0786	EA	600 Amperes, Horizontal Tin Plated Copper Bus Kit.....	201.91	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.71	
26 24 19 00-0787	EA	800 Amperes, Horizontal Tin Plated Copper Bus Kit.....	245.89	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.71	
26 24 19 00-0788	EA	1,200 Amperes, Horizontal Tin Plated Copper Bus Kit.....	295.67	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.45	
26 24 19 00-0789	EA	1,600 Amperes, Horizontal Tin Plated Copper Bus Kit.....	382.12	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.45	
26 24 19 00-0790	EA	2,000 Amperes, Horizontal Tin Plated Copper Bus Kit.....	636.63	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.19	
26 24 19 00-0791	EA	1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit.....	117.24	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97	
26 24 19 00-0792	<b>Disconnect Switch For Motor Control Centers</b> <small>(26 24 19 00-0484)</small>			
26 24 19 00-0793	<b>3 Pole Circuit Breaker Disconnect For Motor Control Center</b> <small>(26 24 19 00-0792)</small>			
	Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).			
26 24 19 00-0794	EA	150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	848.30	167.48
26 24 19 00-0795	EA	150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,453.40	185.45
26 24 19 00-0796	EA	225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	1,779.91	249.77
26 24 19 00-0797	EA	400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	2,928.77	329.17
26 24 19 00-0798	EA	600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	5,014.58	411.46
26 24 19 00-0799	EA	800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	5,703.64	411.46
26 24 19 00-0800	EA	1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect.....	11,654.29	515.19
26 24 19 00-0801	<b>Fusible Disconnect Switch For Motor Control Center</b> <small>(26 24 19 00-0792)</small>			
	Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).			
26 24 19 00-0802	EA	30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips.....	701.02	162.85
26 24 19 00-0803	EA	60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips.....	842.03	221.95
26 24 19 00-0804	EA	100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips.....	1,143.45	283.97
26 24 19 00-0805	EA	200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips.....	2,068.25	406.82
26 24 19 00-0806	EA	400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips.....	3,567.84	517.40
26 24 19 00-0807	EA	600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips.....	7,844.46	517.40
26 24 19 00-0808	EA	800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips.....	9,701.22	646.75
26 24 19 00-0809	EA	1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips.....	14,178.03	646.75
26 24 19 00-0810	<b>Control Circuit Transformer</b> <small>(26 24 19 00-0484)</small>			
26 24 19 00-0811	EA	Control Circuit Transformer, Size 1 Factory Installed.....	54.17	
26 24 19 00-0812	EA	Control Circuit Transformer, Size 2 Factory Installed.....	54.17	
26 24 19 00-0813	EA	Control Circuit Transformer, Size 3 Factory Installed.....	104.34	
26 24 19 00-0814	EA	Control Circuit Transformer, Size 4 Factory Installed.....	104.34	
26 24 19 00-0815	EA	Control Circuit Transformer, Size 5 Factory Installed.....	144.95	
26 24 19 00-0816	EA	Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay.....	47.61	13.12
26 24 19 00-0817	<b>Cover Mounted Control Devices</b> <small>(26 24 19 00-0484)</small>			
26 24 19 00-0818	EA	Control Device, 2 Unit Push Button Station Cover Mounted.....	102.46	23.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.49	
26 24 19 00-0819	EA	Control Device, 2-3 Unit Selector Switch Cover Mounted.....	116.55	23.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.11	
26 24 19 00-0820	EA	Control Device, Pilot Light Cover Mounted.....	94.36	23.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.85	
26 24 19 00-0821	EA	Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light.....	270.70	78.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.50	
26 24 19 00-0822	EA	Auxiliary Contact Add Per Starter.....	293.26	30.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.02	
26 24 19 00-0823	<b>Extra Interlocks</b> <small>(26 24 19 00-0484)</small>			
	Note: Per contact.			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0824 EA Extra Interlocks, Class I, Type A Per Contact.....	67.88	15.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.85	
26 24 19 00-0825 EA Extra Interlocks, Class I, Type B Per Contact.....	90.53	15.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.85	
26 24 19 00-0826 EA Extra Interlocks, Class I, Type C Per Contact.....	98.12	15.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.05	
26 24 19 00-0827 EA Extra Interlocks, Class II, Type B Per Contact.....	87.56	15.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.25	
26 24 19 00-0828 EA Extra Interlocks, Class II, Type C Per Contact.....	90.69	15.06
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.47	
<b>26 24 19 00-0829 Special Cabinet Provisions (26 24 19 00-0484)</b>		
26 24 19 00-0830 EA Provisions For Bus Duct Entrance Special Cabinet Provisions .....	678.19	
<b>26 24 19 00-0831 Nameplate Requirements (26 24 19 00-0484)</b>		
26 24 19 00-0832 EA Special Cabinet Nameplate Requirements .....	24.08	
<b>26 24 19 00-0833 Auxiliary Relays (26 24 19 00-0484)</b>		
26 24 19 00-0834 EA Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts.....	147.23	29.03
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.42	
26 24 19 00-0835 EA Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay .....	139.98	26.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.42	
26 24 19 00-0836 EA General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base .....	85.92	26.12
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.42	
<b>26 24 19 00-0837 Motor Control Center Accessories (26 24 19 00-0484)</b>		
<b>26 24 19 00-0838 Lighting Transformer With Circuit Breaker (26 24 19 00-0837)</b>		
Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839 EA 1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	4,116.35	371.48
26 24 19 00-0840 EA 1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	4,279.82	386.34
26 24 19 00-0841 EA 1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	4,679.26	416.06
26 24 19 00-0842 EA 1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,842.71	445.78
26 24 19 00-0843 EA 1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,792.51	475.49
26 24 19 00-0844 EA 1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,547.22	534.93
26 24 19 00-0845 EA 1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,489.09	594.37
26 24 19 00-0846 EA 3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,367.99	490.35
26 24 19 00-0847 EA 3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	8,006.06	534.93
26 24 19 00-0848 EA 3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,147.75	594.37
26 24 19 00-0849 EA 3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,716.69	653.80
26 24 19 00-0850 EA 3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	11,684.58	713.24
26 24 19 00-0851 EA 3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,075.17	772.67
<b>26 24 19 00-0852 Bolt-On Lighting Panel (26 24 19 00-0837)</b>		
Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		
26 24 19 00-0853 EA 18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	1,942.03	603.16
26 24 19 00-0854 EA 30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	3,077.86	1,049.86
26 24 19 00-0855 EA 42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	4,101.79	1,420.39
26 24 19 00-0856 EA 18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	2,040.93	652.65
26 24 19 00-0857 EA 30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	3,033.19	1,027.49
26 24 19 00-0858 EA 42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	4,279.33	1,509.18
26 24 19 00-0859 EA 18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt .....	3,132.49	699.60
26 24 19 00-0860 EA 30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt .....	4,258.24	1,123.11
26 24 19 00-0861 EA 42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt .....	5,368.96	1,509.18
26 24 19 00-0862 EA 18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt .....	3,242.53	754.53
26 24 19 00-0863 EA 30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt .....	4,258.24	1,123.11
26 24 19 00-0864 EA 42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt .....	5,466.32	1,557.86
<b>26 24 19 00-0865 Factory Installed Bolt-On Branch Circuit Breaker (26 24 19 00-0837)</b>		
Note: For MCC lighting panel only.		
26 24 19 00-0866 EA 15 To 30 Amperes, 1 Pole, Bolt-On Branch Circuit Breaker .....	20.59	
26 24 19 00-0867 EA 15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker .....	209.01	
26 24 19 00-0868 EA 15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker .....	40.24	
26 24 19 00-0869 EA 60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker .....	92.65	
26 24 19 00-0870 EA 15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker .....	108.56	
26 24 19 00-0871 EA 60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker .....	164.71	
<b>26 24 19 00-0872 Blank Unit Door (BUD) (26 24 19 00-0837)</b>		
Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.		
26 24 19 00-0873 EA 6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	55.74	
26 24 19 00-0874 EA 12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	66.88	
26 24 19 00-0875 EA 18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	100.32	
26 24 19 00-0876 EA 24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	133.77	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	200.65	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	234.09	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure .....	267.53	

**26 25 Enclosed Bus Assemblies** (26 20)**26 25 13 Low-Voltage Busways** (26 25)**26 25 13 00-0001 Plug-In Bus Duct** (26 25 13)

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

**26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors** (26 25 13 00-0001)

26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	279.31	34.77
		<i>For Up To 25, Add</i>	69.83	
		<i>For &gt;25 To 50, Add</i>	41.90	
		<i>For &gt;50 To 100, Add</i>	20.95	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	394.40	34.77
		<i>For Up To 25, Add</i>	98.60	
		<i>For &gt;25 To 50, Add</i>	59.16	
		<i>For &gt;50 To 100, Add</i>	29.58	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	499.27	46.36
		<i>For Up To 25, Add</i>	124.82	
		<i>For &gt;25 To 50, Add</i>	74.89	
		<i>For &gt;50 To 100, Add</i>	37.45	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	687.87	46.36
		<i>For Up To 25, Add</i>	171.97	
		<i>For &gt;25 To 50, Add</i>	103.18	
		<i>For &gt;50 To 100, Add</i>	51.59	
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	725.76	57.95
		<i>For Up To 25, Add</i>	181.44	
		<i>For &gt;25 To 50, Add</i>	108.86	
		<i>For &gt;50 To 100, Add</i>	54.43	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,009.23	57.95
		<i>For Up To 25, Add</i>	252.31	
		<i>For &gt;25 To 50, Add</i>	151.38	
		<i>For &gt;50 To 100, Add</i>	75.69	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,180.19	60.85
		<i>For Up To 25, Add</i>	295.05	
		<i>For &gt;25 To 50, Add</i>	177.03	
		<i>For &gt;50 To 100, Add</i>	88.51	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,435.52	62.58
		<i>For Up To 25, Add</i>	358.88	
		<i>For &gt;25 To 50, Add</i>	215.33	
		<i>For &gt;50 To 100, Add</i>	107.66	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,770.22	66.06
		<i>For Up To 25, Add</i>	442.56	
		<i>For &gt;25 To 50, Add</i>	265.53	
		<i>For &gt;50 To 100, Add</i>	132.77	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,044.11	77.08
		<i>For Up To 25, Add</i>	511.03	
		<i>For &gt;25 To 50, Add</i>	306.62	
		<i>For &gt;50 To 100, Add</i>	153.31	
26 25 13 00-0013	LF	4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	2,364.91	84.03
		<i>For Up To 25, Add</i>	591.23	
		<i>For &gt;25 To 50, Add</i>	354.74	
		<i>For &gt;50 To 100, Add</i>	177.37	

**26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors** (26 25 13 00-0001)

26 25 13 00-0015	LF	225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	454.40	34.77
		<i>For Up To 25, Add</i>	113.60	
		<i>For &gt;25 To 50, Add</i>	68.16	
		<i>For &gt;50 To 100, Add</i>	34.08	
26 25 13 00-0016	LF	400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	654.87	34.77
		<i>For Up To 25, Add</i>	163.72	
		<i>For &gt;25 To 50, Add</i>	98.23	
		<i>For &gt;50 To 100, Add</i>	49.12	
26 25 13 00-0017	LF	600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	740.45	46.36
		<i>For Up To 25, Add</i>	185.11	
		<i>For &gt;25 To 50, Add</i>	111.07	
		<i>For &gt;50 To 100, Add</i>	55.53	
26 25 13 00-0018	LF	800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	940.61	46.36
		<i>For Up To 25, Add</i>	235.15	
		<i>For &gt;25 To 50, Add</i>	141.09	
		<i>For &gt;50 To 100, Add</i>	70.55	
26 25 13 00-0019	LF	1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,146.81	57.95
		<i>For Up To 25, Add</i>	286.70	
		<i>For &gt;25 To 50, Add</i>	172.02	
		<i>For &gt;50 To 100, Add</i>	86.01	
26 25 13 00-0020	LF	1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors.....	1,484.49	57.95
		<i>For Up To 25, Add</i>	371.12	
		<i>For &gt;25 To 50, Add</i>	222.67	
		<i>For &gt;50 To 100, Add</i>	111.34	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0021 LF 1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors .....	1,918.22	60.04
<i>For Up To 25, Add</i>	479.56	
<i>For &gt;25 To 50, Add</i>	287.73	
<i>For &gt;50 To 100, Add</i>	143.87	
26 25 13 00-0022 LF 2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors .....	2,309.04	62.58
<i>For Up To 25, Add</i>	577.26	
<i>For &gt;25 To 50, Add</i>	346.36	
<i>For &gt;50 To 100, Add</i>	173.18	
26 25 13 00-0023 LF 2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors .....	2,862.22	65.48
<i>For Up To 25, Add</i>	715.56	
<i>For &gt;25 To 50, Add</i>	429.33	
<i>For &gt;50 To 100, Add</i>	214.67	
26 25 13 00-0024 LF 3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors .....	3,304.14	77.08
<i>For Up To 25, Add</i>	826.04	
<i>For &gt;25 To 50, Add</i>	495.62	
<i>For &gt;50 To 100, Add</i>	247.81	
26 25 13 00-0025 LF 4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors .....	3,829.47	84.03
<i>For Up To 25, Add</i>	957.37	
<i>For &gt;25 To 50, Add</i>	574.42	
<i>For &gt;50 To 100, Add</i>	287.21	
<b>26 25 13 00-0026 Cable Tap Boxes</b> <small>(26 25 13 00-0001)</small>		
<b>26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors</b> <small>(26 25 13 00-0026)</small>		
26 25 13 00-0028 EA 225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,283.25	162.27
26 25 13 00-0029 EA 400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,360.35	162.27
26 25 13 00-0030 EA 600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,552.10	220.22
26 25 13 00-0031 EA 800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,716.34	220.22
26 25 13 00-0032 EA 1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	2,913.46	289.76
26 25 13 00-0033 EA 1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire .....	3,192.12	289.76
<b>26 25 13 00-0034 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors</b> <small>(26 25 13 00-0026)</small>		
26 25 13 00-0035 EA 225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,360.35	318.74
26 25 13 00-0036 EA 400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,565.40	318.74
26 25 13 00-0037 EA 600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	2,741.75	434.63
26 25 13 00-0038 EA 800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	3,080.91	434.63
26 25 13 00-0039 EA 1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	3,241.06	579.52
26 25 13 00-0040 EA 1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire .....	3,686.89	579.52
<b>26 25 13 00-0041 Bus Duct Plug-In Circuit Breaker</b> <small>(26 25 13 00-0001)</small>		
<b>26 25 13 00-0042 240 Volt, 3-Phase</b> <small>(26 25 13 00-0041)</small>		
26 25 13 00-0043 EA 60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker .....	1,030.26	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.41	
26 25 13 00-0044 EA 100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker .....	2,046.57	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.39	
<b>26 25 13 00-0045 600 Volt, 3-Phase</b> <small>(26 25 13 00-0041)</small>		
26 25 13 00-0046 EA 60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker .....	1,986.61	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	63.41	
26 25 13 00-0047 EA 100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker .....	2,573.08	115.91
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.39	
<b>26 25 13 00-0048 120/208 Volt, 3-Phase, 4-Wire</b> <small>(26 25 13 00-0041)</small>		
26 25 13 00-0049 EA 60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker .....	1,186.37	139.08
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.44	
26 25 13 00-0050 EA 100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker .....	1,417.55	139.08
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.55	
<b>26 25 13 00-0051 277/480 Volt, 3-Phase, 4-Wire</b> <small>(26 25 13 00-0041)</small>		
26 25 13 00-0052 EA 60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	1,357.20	139.08
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.44	
26 25 13 00-0053 EA 100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	2,086.49	139.08
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.55	
26 25 13 00-0054 EA 225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	3,053.34	481.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	208.46	
26 25 13 00-0055 EA 400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	7,284.38	481.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	452.75	
26 25 13 00-0056 EA 600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	8,147.05	1,390.85
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	629.91	
26 25 13 00-0057 EA 800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker .....	10,215.76	1,390.85
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,114.46	
<b>26 25 13 00-0058 Bus Duct Plug-In Fusible Switch</b> <small>(26 25 13 00-0001)</small>		
<b>26 25 13 00-0059 240 Volt, 3-Pole, 3-Fuse</b> <small>(26 25 13 00-0058)</small>		



**26 Electrical**  
**26 20 Low-Voltage Electrical Distribution**  
**26 25 Enclosed Bus Assemblies**



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 25 13 00-0060	EA	30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,027.91		115.91
26 25 13 00-0061	EA	60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,129.00		115.91
26 25 13 00-0062	EA	100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,560.10		139.08
26 25 13 00-0063	EA	200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	2,632.91		278.17
26 25 13 00-0064	EA	400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	6,651.17		625.88
26 25 13 00-0065	EA	600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	9,945.48		1,089.49
<b>26 25 13 00-0066</b>		<b>600 Volt, 3-Pole, 3-Fuse</b> <small>(26 25 13 00-0058)</small>			
26 25 13 00-0067	EA	30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,068.67		127.49
26 25 13 00-0068	EA	60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,167.18		127.49
26 25 13 00-0069	EA	100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,572.98		127.49
26 25 13 00-0070	EA	200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	2,697.68		266.58
26 25 13 00-0071	EA	400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	6,620.22		602.70
26 25 13 00-0072	EA	600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	10,165.00		1,159.04
26 25 13 00-0073	EA	800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	16,674.61		1,506.74
<b>26 25 13 00-0074</b>		<b>120/208 Volt, 4-pole, 3 Fuse</b> <small>(26 25 13 00-0058)</small>			
26 25 13 00-0075	EA	30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,189.63		150.68
26 25 13 00-0076	EA	60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,277.43		150.68
26 25 13 00-0077	EA	100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,727.17		150.68
26 25 13 00-0078	EA	200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	2,927.99		312.94
26 25 13 00-0079	EA	400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	7,299.08		695.42
26 25 13 00-0080	EA	600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	10,623.47		1,066.31
<b>26 25 13 00-0081</b>		<b>277/480 Volt, 4-pole, 3-Fuse</b> <small>(26 25 13 00-0058)</small>			
26 25 13 00-0082	EA	30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,228.92		150.68
26 25 13 00-0083	EA	60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,316.71		127.85
26 25 13 00-0084	EA	100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	1,842.69		173.85
26 25 13 00-0085	EA	200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	3,051.51		312.94
26 25 13 00-0086	EA	400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	7,299.08		695.42
26 25 13 00-0087	EA	600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	10,623.47		1,066.31
26 25 13 00-0088	EA	800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch .....	16,820.58		1,414.02
<b>26 25 16</b>		<b>Low-Voltage Cablebus Systems</b> <small>(26 25)</small>			
<b>26 25 16 00-0001</b>		<b>Feeder Bus Duct</b> <small>(26 25 16)</small>			
		Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.			
<b>26 25 16 00-0002</b>		<b>600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance</b> <small>(26 25 16 00-0001)</small>			
		Note: Copper conductors.			
26 25 16 00-0003	LF	800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	824.55		48.68
		For Up To 25, Add	206.14		
		For >25 To 50, Add	123.68		
		For >50 To 100, Add	61.84		
26 25 16 00-0004	LF	1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	835.82		48.68
		For Up To 25, Add	208.96		
		For >25 To 50, Add	125.37		
		For >50 To 100, Add	62.69		
26 25 16 00-0005	LF	1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	1,093.71		48.68
		For Up To 25, Add	273.43		
		For >25 To 50, Add	164.06		
		For >50 To 100, Add	82.03		
26 25 16 00-0006	LF	1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	1,313.43		48.68
		For Up To 25, Add	328.36		
		For >25 To 50, Add	197.01		
		For >50 To 100, Add	98.51		
26 25 16 00-0007	LF	2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	1,605.31		48.68
		For Up To 25, Add	401.33		
		For >25 To 50, Add	240.80		
		For >50 To 100, Add	120.40		
26 25 16 00-0008	LF	3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	2,190.64		115.91
		For Up To 25, Add	547.66		
		For >25 To 50, Add	328.60		
		For >50 To 100, Add	164.30		
26 25 16 00-0009	LF	4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	3,027.79		115.91
		For Up To 25, Add	756.95		
		For >25 To 50, Add	454.17		
		For >50 To 100, Add	227.08		
26 25 16 00-0010	LF	5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	3,582.22		115.91
		For Up To 25, Add	895.56		
		For >25 To 50, Add	537.33		
		For >50 To 100, Add	268.67		
26 25 16 00-0011	LF	6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports .....	4,412.30		115.91
		For Up To 25, Add	1,103.08		
		For >25 To 50, Add	661.85		
		For >50 To 100, Add	330.92		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 25 16 00-0012</b> <b>277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated</b> <small>(26 25 16 00-0001)</small>		
<small>Note: Low impedance, copper conductors.</small>		
26 25 16 00-0013    LF    800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	945.26	52.16
<i>For Up To 25, Add</i> .....	236.32	
<i>For &gt;25 To 50, Add</i> .....	141.79	
<i>For &gt;50 To 100, Add</i> .....	70.89	
26 25 16 00-0014    LF    1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	960.08	52.16
<i>For Up To 25, Add</i> .....	240.02	
<i>For &gt;25 To 50, Add</i> .....	144.01	
<i>For &gt;50 To 100, Add</i> .....	72.01	
26 25 16 00-0015    LF    1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	1,235.34	52.16
<i>For Up To 25, Add</i> .....	308.84	
<i>For &gt;25 To 50, Add</i> .....	185.30	
<i>For &gt;50 To 100, Add</i> .....	92.65	
26 25 16 00-0016    LF    1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	1,464.44	52.16
<i>For Up To 25, Add</i> .....	366.11	
<i>For &gt;25 To 50, Add</i> .....	219.67	
<i>For &gt;50 To 100, Add</i> .....	109.83	
26 25 16 00-0017    LF    2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	1,769.01	52.16
<i>For Up To 25, Add</i> .....	442.25	
<i>For &gt;25 To 50, Add</i> .....	265.35	
<i>For &gt;50 To 100, Add</i> .....	132.68	
26 25 16 00-0018    LF    3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	2,718.23	89.25
<i>For Up To 25, Add</i> .....	679.56	
<i>For &gt;25 To 50, Add</i> .....	407.73	
<i>For &gt;50 To 100, Add</i> .....	203.87	
26 25 16 00-0019    LF    4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	3,409.23	89.25
<i>For Up To 25, Add</i> .....	852.31	
<i>For &gt;25 To 50, Add</i> .....	511.38	
<i>For &gt;50 To 100, Add</i> .....	255.69	
26 25 16 00-0020    LF    5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	4,033.89	165.74
<i>For Up To 25, Add</i> .....	1,008.47	
<i>For &gt;25 To 50, Add</i> .....	605.08	
<i>For &gt;50 To 100, Add</i> .....	302.54	
26 25 16 00-0021    LF    6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports .....	4,974.87	165.74
<i>For Up To 25, Add</i> .....	1,243.72	
<i>For &gt;25 To 50, Add</i> .....	746.23	
<i>For &gt;50 To 100, Add</i> .....	373.12	

## 26 27 Low-Voltage Distribution Equipment (26 20)

### 26 27 13 Electricity Metering (26 27)

#### 26 27 13 00-0001 Revenue Metering (26 27 13)

#### 26 27 13 00-0002 Meter Socket Base (26 27 13 00-0001)

Note: NEMA 3R. See CSI section 26 27 13 00-0013 for meter.

26 27 13 00-0003    EA    100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass .....	269.43	75.33
26 27 13 00-0004    EA    100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass .....	285.96	75.33
26 27 13 00-0005    EA    150 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass .....	318.32	84.03
26 27 13 00-0006    EA    150 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass .....	328.93	84.03
26 27 13 00-0007    EA    200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass .....	367.20	92.72
26 27 13 00-0008    EA    200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass .....	371.90	92.72
26 27 13 00-0009    EA    200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release .....	957.60	147.20
26 27 13 00-0010    EA    320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release .....	1,226.15	164.58
26 27 13 00-0011    EA    400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release .....	2,687.80	181.97
26 27 13 00-0012    EA    Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base .....	2,720.03	579.52

#### 26 27 13 00-0013 Meter Device (26 27 13 00-0001)

Note: Direct read, with 15 minute demand. See CSI section 26 27 13 00-0002 for socket base.

26 27 13 00-0014    EA    100 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter .....	269.94	23.18
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	14.26	
26 27 13 00-0015    EA    150 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter .....	319.45	24.05
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	14.43	
26 27 13 00-0016    EA    200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter .....	391.20	24.34
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	14.60	
26 27 13 00-0017    EA    200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter .....	764.59	24.61
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	14.81	
26 27 13 00-0018    EA    320 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter .....	1,071.47	26.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	15.68	
26 27 13 00-0019    EA    400 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter .....	1,738.87	29.03
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....	17.42	

#### 26 27 13 00-0020 Current Transformer Enclosure (26 27 13 00-0001)

26 27 13 00-0021    EA    18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure .....	555.50	150.68
---	--------	--------

#### 26 27 13 00-0022 120/240 Volt Meter Center And Main Breaker, Indoor Housing (26 27 13 00-0001)

#### 26 27 13 00-0023 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole (26 27 13 00-0022)

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 27</b>	<b>Low-Voltage Distribution Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0024	EA		3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	1,053.78	72.44
26 27 13 00-0025	EA		4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	1,387.51	86.93
26 27 13 00-0026	EA		5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	1,719.46	101.41
26 27 13 00-0027	EA		6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	1,992.60	115.91
26 27 13 00-0028	EA		7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	2,595.43	130.39
26 27 13 00-0029	EA		8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	2,802.63	144.87
26 27 13 00-0030	EA		10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max .....	3,270.49	173.85
<b>26 27 13 00-0031</b>			<b>1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole (26 27 13 00-0022)</b>		
26 27 13 00-0032	EA		3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max .....	1,944.88	72.44
26 27 13 00-0033	EA		4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max .....	2,561.98	86.93
26 27 13 00-0034	EA		6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max .....	3,528.86	115.91
26 27 13 00-0035	EA		7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max .....	3,914.25	130.39
26 27 13 00-0036	EA		8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max .....	4,923.42	144.87
<b>26 27 13 00-0037</b>			<b>800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0022)</b>		
26 27 13 00-0038	EA		3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	1,614.32	101.41
26 27 13 00-0039	EA		4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,120.92	115.91
26 27 13 00-0040	EA		5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,595.43	130.39
26 27 13 00-0041	EA		6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,052.14	144.87
26 27 13 00-0042	EA		7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,847.44	159.37
26 27 13 00-0043	EA		8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,036.83	173.85
26 27 13 00-0044	EA		10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	5,003.68	202.83
<b>26 27 13 00-0045</b>			<b>1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0022)</b>		
26 27 13 00-0046	EA		3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,501.84	101.41
26 27 13 00-0047	EA		4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,279.34	115.91
26 27 13 00-0048	EA		6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,620.45	144.87
26 27 13 00-0049	EA		7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,952.39	159.37
26 27 13 00-0050	EA		8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	6,335.80	173.85
<b>26 27 13 00-0051</b>			<b>120/208 Volt Meter Center And Main Breaker, Indoor Housing (26 27 13 00-0001)</b>		
<b>26 27 13 00-0052</b>			<b>800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole (26 27 13 00-0051)</b>		
26 27 13 00-0053	EA		3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	1,146.92	86.93
26 27 13 00-0054	EA		4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	1,500.26	101.41
26 27 13 00-0055	EA		5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	1,851.81	115.91
26 27 13 00-0056	EA		6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	2,149.89	130.39
26 27 13 00-0057	EA		7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	2,642.24	144.87
26 27 13 00-0058	EA		8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	2,849.42	159.37
26 27 13 00-0059	EA		10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max .....	3,513.33	188.35
<b>26 27 13 00-0060</b>			<b>1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0051)</b>		
26 27 13 00-0061	EA		3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,045.15	86.93
26 27 13 00-0062	EA		4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,697.89	101.41
26 27 13 00-0063	EA		5 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	3,896.42	130.39
26 27 13 00-0064	EA		7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	4,281.84	144.87
26 27 13 00-0065	EA		8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	5,184.12	159.37
<b>26 27 13 00-0066</b>			<b>800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0051)</b>		
26 27 13 00-0067	EA		3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	1,707.47	115.91
26 27 13 00-0068	EA		4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,221.21	130.39
26 27 13 00-0069	EA		5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,749.20	144.87
26 27 13 00-0070	EA		6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,205.90	159.37
26 27 13 00-0071	EA		7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,036.87	173.85
26 27 13 00-0072	EA		8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,226.21	188.35
26 27 13 00-0073	EA		10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	5,264.38	217.32
<b>26 27 13 00-0074</b>			<b>1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole (26 27 13 00-0051)</b>		
26 27 13 00-0075	EA		3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,619.95	115.91
26 27 13 00-0076	EA		4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,450.91	130.39
26 27 13 00-0077	EA		6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,952.43	159.37
26 27 13 00-0078	EA		7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	5,177.42	173.85
26 27 13 00-0079	EA		8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	6,578.68	188.35
<b>26 27 13 00-0080</b>			<b>120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing (26 27 13 00-0001)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 13 00-0081</b> <b>800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0080)</small>		
26 27 13 00-0082 EA 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,053.78	72.44
26 27 13 00-0083 EA 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,387.51	86.93
26 27 13 00-0084 EA 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,992.60	115.91
26 27 13 00-0085 EA 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,595.43	130.39
26 27 13 00-0086 EA 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	3,212.53	144.87
<b>26 27 13 00-0087</b> <b>1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0080)</small>		
26 27 13 00-0088 EA 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,944.87	72.44
26 27 13 00-0089 EA 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,561.97	86.93
26 27 13 00-0090 EA 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	3,707.06	115.91
26 27 13 00-0091 EA 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	4,092.46	130.39
26 27 13 00-0092 EA 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	4,923.42	144.87
<b>26 27 13 00-0093</b> <b>800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0080)</small>		
26 27 13 00-0094 EA 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	1,614.32	101.41
26 27 13 00-0095 EA 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,120.92	115.91
26 27 13 00-0096 EA 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,052.14	144.87
26 27 13 00-0097 EA 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,847.44	159.37
26 27 13 00-0098 EA 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,036.83	173.85
<b>26 27 13 00-0099</b> <b>1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0080)</small>		
26 27 13 00-0100 EA 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,501.85	101.41
26 27 13 00-0101 EA 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,279.34	115.91
26 27 13 00-0102 EA 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,620.45	144.87
26 27 13 00-0103 EA 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,952.39	159.37
26 27 13 00-0104 EA 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	6,335.84	173.85
<b>26 27 13 00-0105</b> <b>120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing</b> <small>(26 27 13 00-0001)</small>		
<b>26 27 13 00-0106</b> <b>800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0105)</small>		
26 27 13 00-0107 EA 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,146.92	86.93
26 27 13 00-0108 EA 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	1,500.26	101.41
26 27 13 00-0109 EA 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,149.89	130.39
26 27 13 00-0110 EA 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,820.45	144.87
26 27 13 00-0111 EA 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	3,205.86	159.37
<b>26 27 13 00-0112</b> <b>1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0105)</small>		
26 27 13 00-0113 EA 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,045.14	86.93
26 27 13 00-0114 EA 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	2,697.88	101.41
26 27 13 00-0115 EA 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	3,718.21	130.39
26 27 13 00-0116 EA 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	4,103.62	144.87
26 27 13 00-0117 EA 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity .....	5,184.08	159.37
<b>26 27 13 00-0118</b> <b>800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0105)</small>		
26 27 13 00-0119 EA 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	1,707.45	115.91
26 27 13 00-0120 EA 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,221.18	130.39
26 27 13 00-0121 EA 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,205.86	159.37
26 27 13 00-0122 EA 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,036.83	173.85
26 27 13 00-0123 EA 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,226.21	188.35
<b>26 27 13 00-0124</b> <b>1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole</b> <small>(26 27 13 00-0105)</small>		
26 27 13 00-0125 EA 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	2,619.93	115.91
26 27 13 00-0126 EA 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	3,450.88	130.39
26 27 13 00-0127 EA 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	4,952.39	159.37
26 27 13 00-0128 EA 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	5,177.42	173.85
26 27 13 00-0129 EA 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity .....	6,578.68	188.35
<b>26 27 13 00-0130</b> <b>Watt/Hour Meters</b> <small>(26 27 13)</small>		
26 27 13 00-0131 EA Single Phase M-90 Meter, Socket, NEMA 3R Enclosure.....	1,207.68	69.54
26 27 13 00-0132 EA Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure.....	3,413.21	139.08



<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 27</b>	<b>Low-Voltage Distribution Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0133	EA		Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure .....	1,807.57	104.31
26 27 13 00-0134	EA		Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure .....	2,214.59	104.31
26 27 13 00-0135	EA		Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure .....	1,867.36	104.31
26 27 13 00-0136	EA		C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure .....	1,266.55	96.20
26 27 13 00-0137	EA		P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure .....	2,164.36	173.85
<b>26 27 13 00-0138</b>			<b>Watt/Hour Meter Systems</b> <small>(26 27 13)</small>		
			Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
<b>26 27 13 00-0139</b>			<b>Watt/Hour Meter System Without Main Breaker</b> <small>(26 27 13 00-0138)</small>		
26 27 13 00-0140	EA		400 Amperes System; 200 Amperes M-90 Meter And Enclosure .....	5,522.72	695.54
26 27 13 00-0141	EA		600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure .....	6,483.28	695.54
<b>26 27 13 00-0142</b>			<b>Watt/Hour Meter System With Main Breaker</b> <small>(26 27 13 00-0138)</small>		
26 27 13 00-0143	EA		400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure .....	9,740.05	695.54
26 27 13 00-0144	EA		600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure .....	11,834.60	695.54
26 27 13 00-0145	EA		800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure .....	12,722.88	695.54
<b>26 27 16</b>			<b>Electrical Cabinets and Enclosures</b> <small>(26 27)</small>		
			Note: Can be used as enclosure or pull/junction boxes.		
<b>26 27 16 00-0001</b>			<b>NEMA 1 Enclosures, Lockable</b> <small>(26 27 16)</small>		
<b>26 27 16 00-0002</b>			<b>Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0001)</small>		
<b>26 27 16 00-0003</b>			<b>4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0002)</small>		
26 27 16 00-0004	EA		6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	75.39	23.18
26 27 16 00-0005	EA		6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	84.71	25.50
26 27 16 00-0006	EA		8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	94.13	27.81
26 27 16 00-0007	EA		8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	109.90	32.46
26 27 16 00-0008	EA		10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	119.90	34.77
26 27 16 00-0009	EA		10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	130.67	37.09
26 27 16 00-0010	EA		12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	130.27	37.09
26 27 16 00-0011	EA		12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	141.33	39.41
26 27 16 00-0012	EA		12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	152.98	41.73
26 27 16 00-0013	EA		16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	197.90	55.64
26 27 16 00-0014	EA		16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	240.15	67.23
26 27 16 00-0015	EA		18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	227.80	64.91
<b>26 27 16 00-0016</b>			<b>6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0002)</small>		
26 27 16 00-0017	EA		6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	94.91	27.81
26 27 16 00-0018	EA		8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	115.66	32.46
26 27 16 00-0019	EA		10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	137.86	39.41
26 27 16 00-0020	EA		10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	149.21	41.73
26 27 16 00-0021	EA		12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	160.81	44.04
26 27 16 00-0022	EA		12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	172.99	46.36
26 27 16 00-0023	EA		16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	219.21	60.27
26 27 16 00-0024	EA		16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	265.41	74.18
26 27 16 00-0025	EA		18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	255.84	71.86
26 27 16 00-0026	EA		18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	333.46	92.72
26 27 16 00-0027	EA		24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	432.05	106.63
26 27 16 00-0028	EA		24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	495.65	115.91
26 27 16 00-0029	EA		30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	553.80	122.85
26 27 16 00-0030	EA		36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure .....	606.17	127.49
26 27 16 00-0031	EA		24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L) .....	410.17	92.72
<b>26 27 16 00-0032</b>			<b>Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0001)</small>		
<b>26 27 16 00-0033</b>			<b>3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0032)</small>		
26 27 16 00-0034	EA		4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	51.57	16.23
26 27 16 00-0035	EA		6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	73.71	23.18
26 27 16 00-0036	EA		8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	82.30	25.50
<b>26 27 16 00-0037</b>			<b>4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures</b> <small>(26 27 16 00-0032)</small>		
26 27 16 00-0038	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	57.56	18.54
26 27 16 00-0039	EA		6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	71.32	23.18
26 27 16 00-0040	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	79.76	25.50
26 27 16 00-0041	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	88.35	27.81
26 27 16 00-0042	EA		8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	103.09	32.46
26 27 16 00-0043	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	112.11	34.77
26 27 16 00-0044	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	121.62	37.09
26 27 16 00-0045	EA		12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	121.24	37.09
26 27 16 00-0046	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	131.19	39.41
26 27 16 00-0047	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	141.44	41.73
26 27 16 00-0048	EA		16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure .....	184.77	55.64





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0049 EA 16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	228.82	69.54
26 27 16 00-0050 EA 18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	212.24	64.91
26 27 16 00-0051 EA 18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	275.05	83.45
26 27 16 00-0052 EA 24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	400.84	104.31
<b>26 27 16 00-0053 6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)</b>		
26 27 16 00-0054 EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	88.88	27.81
26 27 16 00-0055 EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	98.17	30.14
26 27 16 00-0056 EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	113.15	34.77
26 27 16 00-0057 EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	128.47	39.41
26 27 16 00-0058 EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	138.56	41.73
26 27 16 00-0059 EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	148.77	44.04
26 27 16 00-0060 EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	159.43	46.36
26 27 16 00-0061 EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	203.92	60.27
26 27 16 00-0062 EA 16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	250.52	74.18
26 27 16 00-0063 EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	237.79	71.86
26 27 16 00-0064 EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	309.33	92.72
26 27 16 00-0065 EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	388.44	106.63
26 27 16 00-0066 EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	446.64	115.91
26 27 16 00-0067 EA 30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	482.75	122.85
26 27 16 00-0068 EA 36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	529.64	127.49
<b>26 27 16 00-0069 8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)</b>		
26 27 16 00-0070 EA 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	128.47	39.41
26 27 16 00-0071 EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	175.90	51.00
26 27 16 00-0072 EA 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	223.60	64.91
26 27 16 00-0073 EA 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	277.39	81.13
26 27 16 00-0074 EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	264.82	78.81
26 27 16 00-0075 EA 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	328.12	97.36
26 27 16 00-0076 EA 24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	365.31	111.27
26 27 16 00-0077 EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	426.21	118.22
26 27 16 00-0078 EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	492.59	127.49
26 27 16 00-0079 EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	524.40	134.45
26 27 16 00-0080 EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	551.43	139.08
26 27 16 00-0081 EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	566.88	139.08
<b>26 27 16 00-0082 10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)</b>		
26 27 16 00-0083 EA 18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	300.87	88.08
26 27 16 00-0084 EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	396.51	113.58
26 27 16 00-0085 EA 24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	400.06	120.54
26 27 16 00-0086 EA 24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	525.12	129.81
26 27 16 00-0087 EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	605.64	143.72
26 27 16 00-0088 EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	674.69	148.35
26 27 16 00-0089 EA 36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	720.41	155.31
<b>26 27 16 00-0090 12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)</b>		
26 27 16 00-0091 EA 18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	437.79	125.18
26 27 16 00-0092 EA 24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	434.31	132.13
26 27 16 00-0093 EA 24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	577.14	143.72
26 27 16 00-0094 EA 24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	660.92	157.62
26 27 16 00-0095 EA 30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	744.47	164.58
26 27 16 00-0096 EA 36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	785.68	171.54
<b>26 27 16 00-0097 NEMA 1 Enclosures For Up To 6 Boards, Lockable (26 27 16)</b>		
<b>26 27 16 00-0098 4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures (26 27 16 00-0097)</b>		
26 27 16 00-0099 EA 24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12).....	1,226.77	102.00
<b>26 27 16 00-0100 NEMA 12 Enclosures, Lockable (26 27 16)</b>		
Note: Dust-tight enclosures.		
<b>26 27 16 00-0101 Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)</b>		
<b>26 27 16 00-0102 4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)</b>		
26 27 16 00-0103 EA 4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	112.30	18.54
26 27 16 00-0104 EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	145.77	25.50
26 27 16 00-0105 EA 8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	180.01	32.46
26 27 16 00-0106 EA 10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	195.02	34.77
26 27 16 00-0107 EA 12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	219.61	37.09
26 27 16 00-0108 EA 12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure.....	236.76	39.41
<b>26 27 16 00-0109 6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0101)</b>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0110	EA		6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure .....	162.00	27.81
26 27 16 00-0111	EA		8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure .....	178.67	30.14
<b>26 27 16 00-0112</b>			<b>Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)</b>		
<b>26 27 16 00-0113</b>			<b>4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)</b>		
26 27 16 00-0114	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	227.91	18.54
26 27 16 00-0115	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	272.38	25.50
26 27 16 00-0116	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	308.33	27.81
26 27 16 00-0117	EA		8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	352.56	32.46
26 27 16 00-0118	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	362.19	34.77
26 27 16 00-0119	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	428.99	37.09
26 27 16 00-0120	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	460.76	39.41
26 27 16 00-0121	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	525.27	41.73
<b>26 27 16 00-0122</b>			<b>6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)</b>		
26 27 16 00-0123	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	332.62	27.81
26 27 16 00-0124	EA		8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	376.43	30.14
26 27 16 00-0125	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	409.73	34.77
26 27 16 00-0126	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	484.41	41.73
26 27 16 00-0127	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	525.74	46.36
26 27 16 00-0128	EA		16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	731.37	60.27
26 27 16 00-0129	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,133.57	92.72
26 27 16 00-0130	EA		24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,489.47	106.63
26 27 16 00-0131	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,680.66	115.91
<b>26 27 16 00-0132</b>			<b>8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0112)</b>		
26 27 16 00-0133	EA		24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,550.89	118.22
26 27 16 00-0134	EA		24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,790.06	127.49
26 27 16 00-0135	EA		30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	1,969.46	134.45
26 27 16 00-0136	EA		30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	2,174.28	139.08
26 27 16 00-0137	EA		36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure .....	2,143.74	139.08
<b>26 27 16 00-0138</b>			<b>Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0100)</b>		
<b>26 27 16 00-0139</b>			<b>8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)</b>		
26 27 16 00-0140	EA		60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	6,943.42	188.35
<b>26 27 16 00-0141</b>			<b>10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)</b>		
26 27 16 00-0142	EA		60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	7,006.05	208.62
26 27 16 00-0143	EA		60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	8,040.70	223.12
26 27 16 00-0144	EA		72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	9,244.75	278.17
26 27 16 00-0145	EA		72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	10,318.51	328.01
<b>26 27 16 00-0146</b>			<b>12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures (26 27 16 00-0138)</b>		
26 27 16 00-0147	EA		60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	7,446.58	328.01
26 27 16 00-0148	EA		60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	8,305.65	347.71
26 27 16 00-0149	EA		72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	9,439.64	370.89
26 27 16 00-0150	EA		72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure .....	10,426.34	370.89
<b>26 27 16 00-0151</b>			<b>NEMA 3 Enclosures, Lockable (26 27 16)</b>		
			Note: Can be used underground or encased in concrete.		
<b>26 27 16 00-0152</b>			<b>2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0153	EA		4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	310.15	81.13
<b>26 27 16 00-0154</b>			<b>3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0155	EA		4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	333.55	81.13
26 27 16 00-0156	EA		5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	427.93	84.03
26 27 16 00-0157	EA		6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	443.85	84.03
26 27 16 00-0158	EA		6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	559.25	86.93
<b>26 27 16 00-0159</b>			<b>4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0160	EA		4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	423.62	84.03
26 27 16 00-0161	EA		5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	465.26	84.03
26 27 16 00-0162	EA		6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	485.04	86.93
26 27 16 00-0163	EA		6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	612.94	86.93



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0164 EA 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	674.05	92.72
26 27 16 00-0165 EA 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	725.67	98.52
26 27 16 00-0166 EA 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	756.09	98.52
26 27 16 00-0167 EA 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	900.54	101.41
26 27 16 00-0168 EA 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	977.48	104.31
26 27 16 00-0169 EA 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,340.74	115.91
<b>26 27 16 00-0170 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0171 EA 6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	647.55	89.83
26 27 16 00-0172 EA 8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	817.13	101.41
26 27 16 00-0173 EA 8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	958.77	104.31
26 27 16 00-0174 EA 10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,106.18	107.21
26 27 16 00-0175 EA 10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,177.93	107.21
26 27 16 00-0176 EA 12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,340.35	115.91
26 27 16 00-0177 EA 12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,550.76	130.39
26 27 16 00-0178 EA 16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,461.11	124.60
26 27 16 00-0179 EA 18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	2,841.72	231.81
26 27 16 00-0180 EA 18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	4,934.28	289.76
<b>26 27 16 00-0181 8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0182 EA 8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,188.85	110.10
26 27 16 00-0183 EA 12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,789.84	144.87
26 27 16 00-0184 EA 12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	1,819.14	144.87
26 27 16 00-0185 EA 16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	2,462.43	217.32
26 27 16 00-0186 EA 18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	3,248.73	231.81
26 27 16 00-0187 EA 24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	8,262.29	405.66
<b>26 27 16 00-0188 10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0189 EA 18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	4,333.75	289.76
<b>26 27 16 00-0190 12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures (26 27 16 00-0151)</b>		
26 27 16 00-0191 EA 18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	6,675.12	347.71
26 27 16 00-0192 EA 24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure .....	5,486.28	318.74
<b>26 27 16 00-0193 NEMA 3R Enclosures, Lockable (26 27 16)</b>		
Note: Rain-tight enclosures.		
<b>26 27 16 00-0194 Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)</b>		
<b>26 27 16 00-0195 4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)</b>		
26 27 16 00-0196 EA 6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	102.23	23.18
26 27 16 00-0197 EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	112.90	25.50
26 27 16 00-0198 EA 8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	170.66	27.81
<b>26 27 16 00-0199 6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)</b>		
26 27 16 00-0200 EA 8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	214.92	34.77
26 27 16 00-0201 EA 10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	239.96	39.41
26 27 16 00-0202 EA 12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	282.34	44.04
26 27 16 00-0203 EA 12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	305.69	46.36
26 27 16 00-0204 EA 16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	398.02	60.27
26 27 16 00-0205 EA 16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	475.21	74.18
26 27 16 00-0206 EA 18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	539.93	92.72
<b>26 27 16 00-0207 8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)</b>		
26 27 16 00-0208 EA 24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	828.13	118.22
26 27 16 00-0209 EA 24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	919.75	127.49
26 27 16 00-0210 EA 30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,038.62	134.45
26 27 16 00-0211 EA 30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,093.24	139.08
<b>26 27 16 00-0212 10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)</b>		
26 27 16 00-0213 EA 12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,027.89	143.72
26 27 16 00-0214 EA 12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,161.17	162.27
26 27 16 00-0215 EA 12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,285.45	179.66
26 27 16 00-0216 EA 12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,416.41	198.20
26 27 16 00-0217 EA 12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,541.85	215.58
26 27 16 00-0218 EA 18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	661.99	113.58
26 27 16 00-0219 EA 24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,027.89	143.72
26 27 16 00-0220 EA 30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,224.91	148.35
26 27 16 00-0221 EA 36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,559.78	162.27

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0222			<b>12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0194)		
26 27 16 00-0223	EA		12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,005.97	114.75
26 27 16 00-0224	EA		12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,127.83	128.66
26 27 16 00-0225	EA		12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,248.55	142.56
26 27 16 00-0226	EA		12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,381.14	157.62
26 27 16 00-0227	EA		12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,503.01	171.54
26 27 16 00-0228	EA		18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	751.51	85.77
26 27 16 00-0229	EA		18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,005.97	114.75
26 27 16 00-0230	EA		18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,127.83	128.66
26 27 16 00-0231	EA		18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,328.23	150.68
26 27 16 00-0232	EA		18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,503.01	171.54
26 27 16 00-0233	EA		30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,426.30	169.22
26 27 16 00-0234	EA		36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,503.01	171.54
26 27 16 00-0235	EA		36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,584.87	176.18
26 27 16 00-0236	EA		36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,769.28	185.45
26 27 16 00-0237	EA		42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure .....	1,921.25	194.72
26 27 16 00-0238			<b>Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0193)		
26 27 16 00-0239			<b>4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0238)		
26 27 16 00-0240	EA		4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	73.04	18.54
26 27 16 00-0241	EA		6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	87.98	23.18
26 27 16 00-0242	EA		6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	97.19	25.50
26 27 16 00-0243	EA		8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	107.95	27.81
26 27 16 00-0244	EA		8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	125.29	32.46
26 27 16 00-0245	EA		10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	136.81	34.77
26 27 16 00-0246	EA		10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	149.41	37.09
26 27 16 00-0247	EA		12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	148.68	37.09
26 27 16 00-0248	EA		12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	162.98	39.41
26 27 16 00-0249	EA		12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	175.58	41.73
26 27 16 00-0250	EA		18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	264.50	64.91
26 27 16 00-0251	EA		18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	354.10	83.45
26 27 16 00-0252			<b>6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0238)		
26 27 16 00-0253	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	100.66	27.81
26 27 16 00-0254	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	138.78	34.77
26 27 16 00-0255	EA		10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	157.20	39.41
26 27 16 00-0256	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	170.81	41.73
26 27 16 00-0257	EA		12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	169.73	41.73
26 27 16 00-0258	EA		12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	184.22	44.04
26 27 16 00-0259	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	198.85	46.36
26 27 16 00-0260	EA		16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	259.62	60.27
26 27 16 00-0261	EA		18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	297.81	71.86
26 27 16 00-0262	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	398.75	92.72
26 27 16 00-0263	EA		24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	415.01	99.68
26 27 16 00-0264	EA		24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	477.55	106.63
26 27 16 00-0265	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	539.77	115.91
26 27 16 00-0266			<b>8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0238)		
26 27 16 00-0267	EA		12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	222.97	51.00
26 27 16 00-0268	EA		18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	320.73	78.81
26 27 16 00-0269	EA		18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	441.45	102.00
26 27 16 00-0270	EA		24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	528.31	118.22
26 27 16 00-0271	EA		24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	600.53	127.49
26 27 16 00-0272	EA		30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	670.33	134.45
26 27 16 00-0273			<b>10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0238)		
26 27 16 00-0274	EA		18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	486.55	113.58
26 27 16 00-0275	EA		24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	658.79	143.72
26 27 16 00-0276	EA		30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	726.89	148.35
26 27 16 00-0277			<b>12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures</b> (26 27 16 00-0238)		
26 27 16 00-0278	EA		24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	728.28	157.62
26 27 16 00-0279	EA		30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	1,035.64	171.54
26 27 16 00-0280	EA		36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	1,070.84	176.18
26 27 16 00-0281	EA		36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure .....	1,261.51	185.45
26 27 16 00-0282			<b>NEMA 4 Enclosures, Lockable</b> (26 27 16) Note: Water-tight enclosures.		
26 27 16 00-0283			<b>Hinge Cover, Painted Steel NEMA 4 Enclosures</b> (26 27 16 00-0282)		
26 27 16 00-0284	EA		4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	109.47	16.23
26 27 16 00-0285	EA		6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	127.77	19.71
26 27 16 00-0286	EA		8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	159.76	25.50





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0287 EA 6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	151.93	25.50
26 27 16 00-0288 EA 10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	203.01	34.77
26 27 16 00-0289 EA 12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	253.01	41.73
26 27 16 00-0290 EA 10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	233.68	39.41
26 27 16 00-0291 EA 12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	272.40	46.36
26 27 16 00-0292 EA 14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	320.60	53.31
26 27 16 00-0293 EA 16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure .....	388.46	67.23
<b>26 27 16 00-0294 Clamp Cover, Painted Steel NEMA 4 Enclosures (26 27 16 00-0282)</b>		
26 27 16 00-0295 EA 4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure .....	100.38	16.23
26 27 16 00-0296 EA 6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure .....	142.85	25.50
<b>26 27 16 00-0297 Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures (26 27 16 00-0282)</b>		
26 27 16 00-0298 EA 6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure .....	125.93	22.25
26 27 16 00-0299 EA 8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure .....	133.75	24.11
26 27 16 00-0300 EA 10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure .....	164.05	31.52
26 27 16 00-0301 EA 12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure .....	191.92	34.77
26 27 16 00-0302 EA 14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure .....	248.29	44.04
26 27 16 00-0303 EA 16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure .....	290.22	52.16
26 27 16 00-0304 EA 18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure .....	407.98	83.45
<b>26 27 16 00-0305 NEMA 4X Enclosures, Lockable (26 27 16)</b>		
Note: Water-tight enclosures.		
<b>26 27 16 00-0306 Clamp Cover, Aluminum NEMA 4X Enclosures (26 27 16 00-0305)</b>		
26 27 16 00-0307 EA 6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure .....	218.91	18.54
26 27 16 00-0308 EA 6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure .....	257.82	25.50
26 27 16 00-0309 EA 10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure .....	326.61	34.77
26 27 16 00-0310 EA 12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure .....	396.54	41.73
26 27 16 00-0311 EA 14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure .....	488.75	53.31
26 27 16 00-0312 EA 16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure .....	576.85	67.23
<b>26 27 16 00-0313 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures (26 27 16 00-0305)</b>		
26 27 16 00-0314 EA 4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	328.27	16.23
<i>For 316 Stainless Steel, Add</i>		
	46.03	
26 27 16 00-0315 EA 6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	426.10	23.18
<i>For 316 Stainless Steel, Add</i>		
	58.90	
26 27 16 00-0316 EA 6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	483.16	25.50
<i>For 316 Stainless Steel, Add</i>		
	67.11	
26 27 16 00-0317 EA 8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	553.55	27.81
<i>For 316 Stainless Steel, Add</i>		
	77.44	
26 27 16 00-0318 EA 10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	679.60	34.77
<i>For 316 Stainless Steel, Add</i>		
	94.83	
26 27 16 00-0319 EA 12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	957.91	44.04
<i>For 316 Stainless Steel, Add</i>		
	135.65	
26 27 16 00-0320 EA 14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	1,194.87	53.31
<i>For 316 Stainless Steel, Add</i>		
	169.85	
26 27 16 00-0321 EA 16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure .....	1,439.23	67.23
<i>For 316 Stainless Steel, Add</i>		
	203.39	
<b>26 27 16 00-0322 Screw Cover, Polycarbonate NEMA 4X Enclosures (26 27 16 00-0305)</b>		
Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0323 EA 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	148.14	25.50
26 27 16 00-0324 EA 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	167.25	27.81
26 27 16 00-0325 EA 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	191.07	32.46
26 27 16 00-0326 EA 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	207.97	34.77
26 27 16 00-0327 EA 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	240.65	39.41
26 27 16 00-0328 EA 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	225.10	39.41
26 27 16 00-0329 EA 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	263.27	44.04
26 27 16 00-0330 EA 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	330.94	53.31
26 27 16 00-0331 EA 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	420.17	73.02
26 27 16 00-0332 EA 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover .....	535.15	105.12
26 27 16 00-0333 EA 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	160.36	25.50
26 27 16 00-0334 EA 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	181.70	27.81
26 27 16 00-0335 EA 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	206.61	32.46
26 27 16 00-0336 EA 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	226.84	34.77
26 27 16 00-0337 EA 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	260.63	39.41
26 27 16 00-0338 EA 10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	243.99	39.41
26 27 16 00-0339 EA 12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	288.88	44.04
26 27 16 00-0340 EA 14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	344.26	53.31
26 27 16 00-0341 EA 16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	447.94	73.02
26 27 16 00-0342 EA 18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover .....	565.12	105.12
<b>26 27 16 00-0343 Hinged Cover, Polycarbonate NEMA 4X Enclosures (26 27 16 00-0305)</b>		
Note: NEMA 3R, 4, 4X and 12 rated.		



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 27 16 00-0344	EA		6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	182.57	25.50
26 27 16 00-0345	EA		8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	195.02	27.81
26 27 16 00-0346	EA		8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	221.04	32.46
26 27 16 00-0347	EA		10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	239.06	34.77
26 27 16 00-0348	EA		12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	283.96	39.41
26 27 16 00-0349	EA		10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	259.54	39.41
26 27 16 00-0350	EA		12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	321.07	44.04
26 27 16 00-0351	EA		14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	380.91	53.31
26 27 16 00-0352	EA		16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	463.49	73.02
26 27 16 00-0353	EA		18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover.....	591.77	105.12
26 27 16 00-0354	EA		6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	191.45	25.50
26 27 16 00-0355	EA		8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	211.67	27.81
26 27 16 00-0356	EA		8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	236.58	32.46
26 27 16 00-0357	EA		10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	255.71	34.77
26 27 16 00-0358	EA		12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	306.17	39.41
26 27 16 00-0359	EA		10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	278.40	39.41
26 27 16 00-0360	EA		12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	344.40	44.04
26 27 16 00-0361	EA		14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	392.02	53.31
26 27 16 00-0362	EA		16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	500.12	73.02
26 27 16 00-0363	EA		18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover.....	630.64	105.12

**26 27 16 00-0364 NEMA 7/9 Enclosures, Lockable** (26 27 16)  
 Note: Nominal inside dimensions.

**26 27 16 00-0365 4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** (26 27 16 00-0364)

26 27 16 00-0366	EA		6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	1,401.56	130.39
			<i>For Mounting Pan, Add</i>	60.39	
26 27 16 00-0367	EA		6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	1,112.77	139.08
			<i>For Mounting Pan, Add</i>	112.52	
26 27 16 00-0368	EA		8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	2,190.97	156.47
			<i>For Mounting Pan, Add</i>	155.16	

**26 27 16 00-0369 6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** (26 27 16 00-0364)

26 27 16 00-0370	EA		8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	1,945.91	156.47
			<i>For Mounting Pan, Add</i>	78.90	
26 27 16 00-0371	EA		8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	2,541.32	160.81
			<i>For Mounting Pan, Add</i>	155.16	
26 27 16 00-0372	EA		8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	2,599.18	173.85
			<i>For Mounting Pan, Add</i>	118.69	
26 27 16 00-0373	EA		10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	2,668.07	173.85
			<i>For Mounting Pan, Add</i>	138.87	
26 27 16 00-0374	EA		10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,776.17	217.32
			<i>For Mounting Pan, Add</i>	182.18	
26 27 16 00-0375	EA		12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,561.00	195.59
			<i>For Mounting Pan, Add</i>	113.75	
26 27 16 00-0376	EA		12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,681.87	217.32
			<i>For Mounting Pan, Add</i>	170.21	
26 27 16 00-0377	EA		12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	5,679.85	391.17
			<i>For Mounting Pan, Add</i>	228.99	
26 27 16 00-0378	EA		14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	4,516.59	260.78
			<i>For Mounting Pan, Add</i>	222.96	
26 27 16 00-0379	EA		16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	5,914.82	434.63
			<i>For Mounting Pan, Add</i>	204.69	
26 27 16 00-0380	EA		18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	7,100.83	434.63
			<i>For Mounting Pan, Add</i>	332.76	

**26 27 16 00-0381 8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures** (26 27 16 00-0364)

26 27 16 00-0382	EA		8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,034.52	195.59
			<i>For Mounting Pan, Add</i>	118.69	
26 27 16 00-0383	EA		10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,055.93	195.59
			<i>For Mounting Pan, Add</i>	138.87	
26 27 16 00-0384	EA		10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,463.63	195.59
			<i>For Mounting Pan, Add</i>	182.18	
26 27 16 00-0385	EA		12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	3,838.09	217.32
			<i>For Mounting Pan, Add</i>	113.75	
26 27 16 00-0386	EA		12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	5,569.42	391.17
			<i>For Mounting Pan, Add</i>	170.21	
26 27 16 00-0387	EA		12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	6,776.97	478.11
			<i>For Mounting Pan, Add</i>	228.99	
26 27 16 00-0388	EA		12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	10,668.21	565.03
			<i>For Mounting Pan, Add</i>	344.38	
26 27 16 00-0389	EA		14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	6,096.06	478.11
			<i>For Mounting Pan, Add</i>	222.96	
26 27 16 00-0390	EA		16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure.....	6,263.84	478.11
			<i>For Mounting Pan, Add</i>	204.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0391 EA 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	9,357.82 306.82	521.57
26 27 16 00-0392 EA 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	7,722.82 332.76	478.11
26 27 16 00-0393 EA 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	10,331.59 486.60	521.57
26 27 16 00-0394 EA 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	10,260.36 648.70	521.57
26 27 16 00-0395 EA 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	15,944.90 810.75	695.42
26 27 16 00-0396 EA 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	12,130.66 753.86	565.03
26 27 16 00-0397 EA 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	21,998.55 1,032.02	869.28
<b>26 27 16 00-0398 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0364)</small>		
26 27 16 00-0399 EA 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	11,099.81 344.38	565.03
26 27 16 00-0400 EA 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	10,217.47 306.82	521.57
26 27 16 00-0401 EA 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	11,131.92 486.60	565.03
26 27 16 00-0402 EA 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	14,076.02 810.75	608.50
26 27 16 00-0403 EA 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	12,445.88 753.86	608.50
26 27 16 00-0404 EA 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	23,975.76 1,032.02	869.28
<b>26 27 16 00-0405 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures</b> <small>(26 27 16 00-0364)</small>		
26 27 16 00-0406 EA 12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure ..... <i>For Mounting Pan, Add</i>	6,930.90 228.99	478.11
<b>26 27 16 00-0407 Breaker Enclosures</b> <small>(26 27 16)</small>		
See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
<b>26 27 16 00-0408 15 To 100 Amperes, F-Frame Breaker Enclosures</b> <small>(26 27 16 00-0407)</small>		
26 27 16 00-0409 EA NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	388.48	92.72
26 27 16 00-0410 EA NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	722.57	92.72
26 27 16 00-0411 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	1,792.23	127.49
26 27 16 00-0412 EA NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	2,433.11	139.08
26 27 16 00-0413 EA NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	1,770.29	139.08
26 27 16 00-0414 EA NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure .....	614.87	127.49
<b>26 27 16 00-0415 15 To 250 Amperes, H Or J-Frame Breaker Enclosures</b> <small>(26 27 16 00-0407)</small>		
26 27 16 00-0416 EA NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure .....	622.37	127.49
26 27 16 00-0417 EA NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure .....	1,157.37	127.49
26 27 16 00-0418 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure .....	3,982.33	162.27
26 27 16 00-0419 EA NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure .....	949.72	162.27
<b>26 27 16 00-0420 125 To 400 Amperes, L-Frame Breaker Enclosures</b> <small>(26 27 16 00-0407)</small>		
26 27 16 00-0421 EA NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure .....	968.66	254.99
26 27 16 00-0422 EA NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure .....	2,287.93	254.99
26 27 16 00-0423 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure .....	6,743.32	324.53
26 27 16 00-0424 EA NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure .....	1,619.01	324.53
<b>26 27 16 00-0425 300 To 800 Amperes, M-Frame Breaker Enclosures</b> <small>(26 27 16 00-0407)</small>		
26 27 16 00-0426 EA NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure .....	1,898.58	486.80
26 27 16 00-0427 EA NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure .....	3,292.96	486.80
26 27 16 00-0428 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure .....	12,128.43	625.88
26 27 16 00-0429 EA NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure .....	6,534.81	625.88
<b>26 27 16 00-0430 250 To 1,200 Amperes, P-Frame Breaker Enclosures</b> <small>(26 27 16 00-0407)</small>		
26 27 16 00-0431 EA NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure .....	2,327.21	486.80
26 27 16 00-0432 EA NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure .....	3,970.81	486.80
26 27 16 00-0433 EA NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure .....	8,232.13	625.88
<b>26 27 16 00-0434 Legend Plates</b> <small>(26 27 16)</small>		
26 27 16 00-0435 EA 3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters .....	21.11	5.79
26 27 16 00-0436 EA 3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters .....	29.01	5.79

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST
**26 27 19 Multi-Outlet Assemblies (26 27)**

26 27 19 00-0001	Surface Metal Raceway, Preamsembled With Outlets (26 27 19)		
	Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center.....	27.57	8.46
	For Concrete Or Masonry Surface, Add	0.85	
26 27 19 00-0003	LF Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center.....	21.34	6.02
	For Concrete Or Masonry Surface, Add	0.61	
26 27 19 00-0004	LF Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center.....	20.13	6.37
	For Concrete Or Masonry Surface, Add	0.63	
26 27 19 00-0005	LF Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center.....	22.13	6.02
	For Concrete Or Masonry Surface, Add	0.61	
26 27 19 00-0006	LF Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center.....	18.05	6.14
	For Concrete Or Masonry Surface, Add	0.61	
26 27 19 00-0007	LF Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center.....	24.73	6.02
	For Concrete Or Masonry Surface, Add	0.61	
26 27 19 00-0008	LF Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center.....	21.89	6.02
	For Concrete Or Masonry Surface, Add	0.61	
26 27 19 00-0009	LF Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center.....	23.60	6.02
	For Concrete Or Masonry Surface, Add	0.61	

**26 27 23 Indoor Service Poles (26 27)**

26 27 23 00-0001	Communication And Power Poles (26 27 23)		
	Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002	Steel Communication And Power Poles (26 27 23 00-0001)		
26 27 23 00-0003	2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)		
26 27 23 00-0004	2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003)		
26 27 23 00-0005	EA 2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	314.01	51.36
26 27 23 00-0006	EA 2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	341.46	51.36
26 27 23 00-0007	EA 2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	373.20	51.36
26 27 23 00-0008	Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003)		
	Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	64.28	10.59
26 27 23 00-0010	EA Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles.....	55.62	10.59
26 27 23 00-0011	EA Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	63.08	10.59
26 27 23 00-0012	EA Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices.....	46.53	10.59
26 27 23 00-0013	EA Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting.....	38.18	10.59
26 27 23 00-0014	2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)		
26 27 23 00-0015	2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014)		
26 27 23 00-0016	EA 2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	408.14	51.36
26 27 23 00-0017	EA 2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	467.13	51.36
26 27 23 00-0018	EA 2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	498.97	51.36
26 27 23 00-0019	Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014)		
	Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle.....	42.84	10.59
26 27 23 00-0021	EA Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle.....	38.44	10.59
26 27 23 00-0022	EA Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices.....	41.59	10.59
26 27 23 00-0023	3" Width, Steel Communication And Power Poles (26 27 23 00-0002)		
26 27 23 00-0024	3" Width, Steel Communication And Power Poles (26 27 23 00-0023)		
26 27 23 00-0025	EA 3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	533.15	51.36
26 27 23 00-0026	EA 3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	604.17	51.36
26 27 23 00-0027	EA 3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	650.98	51.36
26 27 23 00-0028	Additional Cover Plates For 3" Width, Steel Communication And Power Poles (26 27 23 00-0023)		
	Note: Excludes receptacles and communication jacks.		
26 27 23 00-0029	EA Add-On 3" Width Steel Cover Plate For One Single Receptacle.....	42.84	10.59
26 27 23 00-0030	EA Add-On 3" Width Steel Cover Plate For One Duplex Receptacle.....	38.44	10.59
26 27 23 00-0031	EA Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices.....	41.59	10.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0032 Aluminum Communication And Power Poles <small>(26 27 23 00-0001)</small>		
26 27 23 00-0033 2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0034 2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0033)</small>		
26 27 23 00-0035 EA 2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	426.61	51.36
26 27 23 00-0036 EA 2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	476.26	51.36
26 27 23 00-0037 EA 2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	531.92	51.36
26 27 23 00-0038 Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0033)</small>		
26 27 23 00-0039 EA Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	65.98	10.59
26 27 23 00-0040 EA Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles.....	67.38	10.59
26 27 23 00-0041 EA Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	72.04	10.59
26 27 23 00-0042 EA Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices.....	49.15	10.59
26 27 23 00-0043 EA Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting.....	38.18	10.59
26 27 23 00-0044 2-1/4" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0045 EA 2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	411.11	51.36
26 27 23 00-0046 EA 2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	462.03	51.36
26 27 23 00-0047 EA 2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	522.02	51.36
26 27 23 00-0048 5" Width, Aluminum Communication And Power Poles <small>(26 27 23 00-0032)</small>		
26 27 23 00-0049 EA 5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	864.67	51.36
26 27 23 00-0050 EA 5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	989.56	51.36
26 27 23 00-0051 EA 5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	1,129.43	51.36
26 27 23 00-0052 2" Diameter, Round Aluminum Communication And Power Pole <small>(26 27 23 00-0032)</small>		
26 27 23 00-0053 EA 2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	468.02	51.36
26 27 23 00-0054 EA 2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	442.85	51.36
26 27 23 00-0055 EA 2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	568.46	51.36
<b>26 27 26 Wiring Devices</b> <small>(26 27)</small>		
Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.		
26 27 26 00-0001 Receptacles <small>(26 27 26)</small>		
26 27 26 00-0002 General Use Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0003 Receptacle Assemblies <small>(26 27 26 00-0002)</small>		
Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.		
26 27 26 00-0004 EA 15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	94.41	41.15
26 27 26 00-0005 EA 20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	101.25	44.04
26 27 26 00-0006 EA 15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	121.86	52.73
26 27 26 00-0007 EA 20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	135.53	58.54
26 27 26 00-0008 EA 15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	108.56	41.15
26 27 26 00-0009 EA 20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	116.14	44.04
26 27 26 00-0010 Receptacle Components <small>(26 27 26 00-0002)</small>		
26 27 26 00-0011 EA 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle.....	27.04	11.59
26 27 26 00-0012 EA 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle.....	26.21	11.59
26 27 26 00-0013 EA 15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle.....	31.07	11.59
26 27 26 00-0014 EA 15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle.....	33.89	11.59
26 27 26 00-0015 EA 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle.....	43.27	14.48
26 27 26 00-0016 EA 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle.....	52.50	14.48
26 27 26 00-0017 EA 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle.....	28.12	11.59
26 27 26 00-0018 EA 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle.....	27.26	11.59
26 27 26 00-0019 EA 20 Amperes, 120/277 Volt, Single Receptacle.....	39.93	11.59
26 27 26 00-0020 EA 20 Amperes, 120/277 Volt, Duplex Receptacle.....	33.00	11.59
26 27 26 00-0021 EA 20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle.....	43.27	14.48
26 27 26 00-0022 EA 20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle.....	52.50	14.48
26 27 26 00-0023 EA 20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle.....	82.13	14.48
26 27 26 00-0024 EA 20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle.....	82.13	14.48
26 27 26 00-0025 EA 25 Amperes, 120/277 Volt, Duplex Receptacle.....	68.91	17.39
26 27 26 00-0026 Specialty Receptacles <small>(26 27 26 00-0001)</small>		
26 27 26 00-0027 Specialty Receptacles <small>(26 27 26 00-0026)</small>		
26 27 26 00-0028 EA 30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle.....	61.52	20.29
26 27 26 00-0029 EA 30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle.....	61.52	20.29
26 27 26 00-0030 EA 30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles.....	83.26	20.29
26 27 26 00-0031 EA 30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle.....	93.71	20.29



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 27 26 00-0032	EA		30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle .....	99.51	23.18
26 27 26 00-0033	EA		50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle .....	91.83	23.18
26 27 26 00-0034	EA		50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle .....	89.67	23.18
26 27 26 00-0035	EA		50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle .....	78.51	23.18
26 27 26 00-0036	EA		50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle .....	101.05	23.18
26 27 26 00-0037	EA		50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle .....	111.32	23.18
26 27 26 00-0038	EA		50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle .....	117.12	26.08
26 27 26 00-0039	EA		60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle .....	128.82	28.98
26 27 26 00-0040	EA		60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle .....	140.41	34.77
26 27 26 00-0041	EA		100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete .....	1,333.42	272.37
26 27 26 00-0042	EA		400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete .....	3,278.96	333.22
26 27 26 00-0043	EA		30 Amperes, 230 Volt, Dryer Receptacle .....	73.47	23.18
26 27 26 00-0044	EA		60 Amperes, 230 Volt, Range Receptacle .....	107.51	34.77
26 27 26 00-0045	EA		15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle .....	69.34	14.48
26 27 26 00-0046	EA		Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete .....	1,396.11	352.93

### 26 27 26 00-0047 Isolated Ground Receptacles (26 27 26 00-0026)

26 27 26 00-0048	EA		15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex .....	94.61	11.59
			Note: 2 Pole, 3 wire.		
26 27 26 00-0049	EA		20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex .....	58.82	14.48
26 27 26 00-0050	EA		20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex .....	58.61	14.48
26 27 26 00-0051	EA		30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex .....	81.32	23.18
26 27 26 00-0052	EA		Locking 15 Amperes, 250 Volt Isolated Ground Receptacles .....	65.93	14.48
26 27 26 00-0053	EA		Locking 15 Amperes, 277 Volt Isolated Ground Receptacles .....	60.40	14.48
26 27 26 00-0054	EA		Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles .....	83.49	17.39
26 27 26 00-0055	EA		Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles .....	66.27	17.39
26 27 26 00-0056	EA		Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles .....	85.54	17.39
26 27 26 00-0057	EA		Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles .....	104.32	17.39
26 27 26 00-0058	EA		Locking 30 Amperes, 277 Volt Isolated Ground Receptacles .....	102.66	23.18

### 26 27 26 00-0059 Explosion Proof Receptacles (26 27 26 00-0026)

26 27 26 00-0060	EA		1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly .....	972.75	28.98
26 27 26 00-0061	EA		3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly .....	894.86	31.87
26 27 26 00-0062	EA		3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly .....	1,486.43	57.95
26 27 26 00-0063	EA		3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly .....	1,876.50	57.95
26 27 26 00-0064	EA		1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly .....	2,370.76	86.93
26 27 26 00-0065	EA		1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly .....	2,257.83	86.93

### 26 27 26 00-0066 Ground Fault Circuit Interrupter (GFCI) (26 27 26 00-0026)

26 27 26 00-0067	EA		15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle .....	37.46	14.48
26 27 26 00-0068	EA		20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle .....	53.73	17.39

### 26 27 26 00-0069 Arc Fault Circuit Interrupter (AFCI) (26 27 26 00-0026)

26 27 26 00-0070	EA		15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle .....	68.30	14.48
26 27 26 00-0071	EA		20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle .....	75.15	14.48

### 26 27 26 00-0072 Locking Receptacle (26 27 26 00-0026)

26 27 26 00-0073	EA		NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle .....	55.80	14.48
26 27 26 00-0074	EA		NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle .....	69.72	14.48
26 27 26 00-0075	EA		NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle .....	61.43	17.39
26 27 26 00-0076	EA		NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle .....	60.81	17.39
26 27 26 00-0077	EA		NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle .....	73.06	17.39
26 27 26 00-0078	EA		NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle .....	88.89	17.39
26 27 26 00-0079	EA		NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle .....	87.14	17.39
26 27 26 00-0080	EA		NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle .....	75.57	17.39
26 27 26 00-0081	EA		NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle .....	85.07	23.18
26 27 26 00-0082	EA		NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking, Receptacle .....	86.54	23.18
26 27 26 00-0083	EA		NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle .....	110.27	23.18

### 26 27 26 00-0084 Weathertight Pin And Sleeve Receptacle (26 27 26 00-0026)

26 27 26 00-0085	EA		20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W) .....	269.73	57.95
26 27 26 00-0086	EA		20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W) .....	269.10	57.95
26 27 26 00-0087	EA		20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W) .....	281.09	57.95
26 27 26 00-0088	EA		20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W) .....	343.55	63.75
26 27 26 00-0089	EA		20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W) .....	344.55	63.75
26 27 26 00-0090	EA		20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W) .....	342.24	63.75
26 27 26 00-0091	EA		30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W) .....	410.67	71.28
26 27 26 00-0092	EA		30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W) .....	391.15	71.28
26 27 26 00-0093	EA		30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W) .....	421.70	71.28
26 27 26 00-0094	EA		30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W) .....	425.40	78.23
26 27 26 00-0095	EA		30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W) .....	425.02	78.23
26 27 26 00-0096	EA		30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W) .....	427.78	78.23
26 27 26 00-0097	EA		60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W) .....	600.01	92.72
26 27 26 00-0098	EA		60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W) .....	576.38	92.72





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0099 EA 60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	591.76	92.72
26 27 26 00-0100 EA 60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	659.01	103.16
26 27 26 00-0101 EA 60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	659.46	103.16
26 27 26 00-0102 EA 60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	659.92	103.16
26 27 26 00-0103 EA 100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	733.40	115.91
26 27 26 00-0104 EA 100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	763.69	115.91
26 27 26 00-0105 EA 100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	821.37	127.49
26 27 26 00-0106 EA 100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	819.10	127.49
26 27 26 00-0107 EA 100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	823.37	127.49
<b>26 27 26 00-0108 Corrosion Resistant Receptacle (26 27 26 00-0026)</b>		
26 27 26 00-0109 EA 15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles .....	72.47	11.59
26 27 26 00-0110 EA 15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles .....	145.46	14.48
<b>26 27 26 00-0111 Tamper Resistant Receptacle (26 27 26 00-0026)</b>		
26 27 26 00-0112 EA 15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle .....	29.15	11.59
Note: Pass & Seymour 3232-TR.		
26 27 26 00-0113 EA 20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle .....	32.23	11.59
Note: Pass & Seymour TR20.		
26 27 26 00-0114 EA 15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle .....	41.06	11.59
Note: Pass & Seymour TR5251.		
26 27 26 00-0115 EA 20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle .....	45.20	11.59
Note: Pass & Seymour TR5351.		
26 27 26 00-0116 EA 15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle.....	70.06	11.59
Note: Pass & Seymour S1595-TR*CC8.		
26 27 26 00-0117 EA 15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	75.99	11.59
Note: Pass & Seymour 1595-TRS.		
26 27 26 00-0118 EA 20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	81.65	11.59
Note: Pass & Seymour 2095-TRS.		
<b>26 27 26 00-0119 USB Charger/Duplex Tamper-Resistant Receptacles (26 27 26 00-0026)</b>		
26 27 26 00-0120 EA 15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	72.23	11.59
26 27 26 00-0121 EA 20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	78.36	11.59
<b>26 27 26 00-0122 Television Receptacle (26 27 26 00-0001)</b>		
26 27 26 00-0123 EA TV Receptacle With Cover (Type F), Complete .....	74.52	26.89
<b>26 27 26 00-0124 Switches (26 27 26)</b>		
<b>26 27 26 00-0125 Switches (26 27 26 00-0124)</b>		
<b>26 27 26 00-0126 Switch Assemblies (26 27 26 00-0125)</b>		
Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0127 EA 1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly .....	97.80	40.56
26 27 26 00-0128 EA 1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly .....	105.26	44.04
26 27 26 00-0129 EA 2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly .....	131.53	53.02
26 27 26 00-0130 EA 2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly .....	144.14	58.83
26 27 26 00-0131 EA 3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly .....	224.85	90.98
26 27 26 00-0132 EA 3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly .....	243.76	99.68
26 27 26 00-0133 EA 4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly .....	258.82	102.87
26 27 26 00-0134 EA 4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly .....	284.04	114.45
<b>26 27 26 00-0135 Switch Components (26 27 26 00-0125)</b>		
26 27 26 00-0136 EA 15 Amperes, 120/277 Volt, SPST Switch .....	30.76	11.59
26 27 26 00-0137 EA 15 Amperes, 120/277 Volt, 3-Way Switch .....	38.94	14.48
26 27 26 00-0138 EA 15 Amperes, 120/277 Volt, 4-Way Switch .....	75.26	23.18
26 27 26 00-0139 EA 15 Amperes, 120/277 Volt, DPST Switch .....	35.17	11.59
26 27 26 00-0140 EA 15 Amperes, 120/277 Volt, Thermal Switch.....	66.66	14.48
26 27 26 00-0141 EA 20 Amperes, 120/277 Volt, SPST Switch .....	37.07	14.48
26 27 26 00-0142 EA 20 Amperes, 120/277 Volt, 3-Way Switch .....	45.83	17.39
26 27 26 00-0143 EA 20 Amperes, 120/277 Volt, 4-Way Switch .....	101.48	23.18
26 27 26 00-0144 EA 20 Amperes, 120/277 Volt, DPST Switch .....	44.14	14.48
26 27 26 00-0145 EA 20 Amperes, 120/277 Volt, DPDT Switch .....	47.27	14.48
26 27 26 00-0146 EA 15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch .....	87.87	14.51
26 27 26 00-0147 EA 15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch .....	111.28	14.51
26 27 26 00-0148 EA Momentary Contact Switch With Separate Neon Pilot.....	84.09	17.42
Note: Neon Pilot is 125 V, 1 / 125W.		
26 27 26 00-0149 EA 20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off .....	56.26	20.29
Note: Or 250 VAC 10 Amp, double throw BAT handle.		
26 27 26 00-0150 EA 20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch.....	69.23	23.18
Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.		
26 27 26 00-0151 EA 20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch.....	101.55	23.18
Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.		
26 27 26 00-0152 EA 30 Amperes, 120/277 Volt, Single Pole, Local Switch .....	87.12	23.22

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 27 26 00-0153	EA	30 Amperes, 120/277 Volt, Double Pole, Local Switch.....		108.17	23.22
26 27 26 00-0154	EA	30 Amperes, 120/277 Volt, Three-Way Local Switch.....		112.44	29.03
26 27 26 00-0155	EA	30 Amperes, 120/277 Volt, Four-Way Local Switch.....		158.20	31.93
26 27 26 00-0156	EA	15 Amperes, 120/277 Volt, Local Switch With Neon Pilot.....		72.55	18.99
26 27 26 00-0157	EA	15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot.....		104.63	18.99
		Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.			
26 27 26 00-0158	EA	15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch.....		90.80	18.99
26 27 26 00-0159	EA	15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch.....		86.04	18.99
26 27 26 00-0160	EA	6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch.....		98.50	9.41
26 27 26 00-0161	EA	6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch.....		104.95	9.41
26 27 26 00-0162	EA	15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch.....		109.59	36.23
26 27 26 00-0163	EA	Three Position, Center Off, Key Operated, Momentary Contact Switch.....		133.00	36.23
		Note: 15A, 120/277 V, Single Pole			
26 27 26 00-0164	EA	Single Pole, Slide Dimmer (Leviton IP710-LFZ).....		161.32	11.61
26 27 26 00-0165	EA	8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH).....		81.21	11.61
26 27 26 00-0166	EA	120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH).....		274.90	11.59
26 27 26 00-0167	EA	120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH).....		47.98	11.59
26 27 26 00-0168	EA	1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV).....		86.58	11.61
26 27 26 00-0169	EA	1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000).....		99.41	11.61
26 27 26 00-0170	EA	2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000).....		127.41	11.61
26 27 26 00-0171	EA	Wireless Single Rocker Remote Switch (Leviton WSS0S-S9).....		166.21	11.61
<b>26 27 26 00-0172</b>		<b>Specialty Switches (26 27 26 00-0124)</b>			
<b>26 27 26 00-0173</b>		<b>Dimmers With SPST Switch (26 27 26 00-0172)</b>			
26 27 26 00-0174	EA	600 Watt Dimmers With SPST Switch.....		68.53	26.08
26 27 26 00-0175	EA	1,000 Watt Dimmers With SPST Switch.....		119.66	26.08
26 27 26 00-0176	EA	1,500 Watt Dimmers With SPST Switch.....		215.97	41.96
26 27 26 00-0177	EA	2,000 Watt Dimmers With SPST Switch.....		281.21	41.96
26 27 26 00-0178	EA	600 Watt Fluorescent Dimmer Switch.....		155.88	30.94
26 27 26 00-0179	EA	1,000 Watt Fluorescent Dimmer Switch.....		212.01	30.94
26 27 26 00-0180	EA	1,500 Watt Fluorescent Dimmer Switch.....		384.61	46.71
26 27 26 00-0181	EA	Remote Speed Switch For Paddle Fan.....		113.32	38.60
26 27 26 00-0182	EA	600 Watt Combination Remote Speed Switch/Incandescent Dimmer.....		187.46	57.60
<b>26 27 26 00-0183</b>		<b>Time Switches (26 27 26 00-0172)</b>			
26 27 26 00-0184	EA	40 Amperes, 125 Volt, SPST, Standard Time Switch.....		128.60	34.77
26 27 26 00-0185	EA	40 Amperes, 277 Volt, SPST, Standard Time Switch.....		131.55	34.77
26 27 26 00-0186	EA	40 Amperes, 125 Volt, DPST, Standard Time Switch.....		128.60	34.77
26 27 26 00-0187	EA	40 Amperes, 277 Volt, DPST, Standard Time Switch.....		131.55	34.77
26 27 26 00-0188	EA	40 Amperes, 125 Volt, SPST, 7-Day Time Switch.....		148.28	34.77
26 27 26 00-0189	EA	40 Amperes, 277 Volt, SPST, 7-Day Time Switch.....		148.28	34.77
26 27 26 00-0190	EA	40 Amperes, 125 Volt, DPDT, 7-Day Time Switch.....		264.43	34.77
26 27 26 00-0191	EA	40 Amperes, 277 Volt, DPDT, 7-Day Time Switch.....		264.43	34.77
26 27 26 00-0192	EA	20 Amperes, 125 Volt, SPST, Programmable Time Switch.....		227.16	34.77
26 27 26 00-0193	EA	20 Amperes, 277 Volt, SPST, Programmable Time Switch.....		249.92	34.77
26 27 26 00-0194	EA	20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch.....		249.92	34.77
26 27 26 00-0195	EA	40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch.....		303.70	34.77
26 27 26 00-0196	EA	40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch.....		312.75	34.77
26 27 26 00-0197	EA	40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch.....		128.60	34.77
26 27 26 00-0198	EA	40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch.....		131.55	34.77
26 27 26 00-0199	EA	40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch.....		128.60	34.77
26 27 26 00-0200	EA	40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch.....		131.55	34.77
26 27 26 00-0201	EA	40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch.....		148.28	34.77
26 27 26 00-0202	EA	40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch.....		148.28	34.77
26 27 26 00-0203	EA	40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch.....		264.43	34.77
26 27 26 00-0204	EA	40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch.....		264.43	34.77
26 27 26 00-0205	EA	40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch.....		303.70	34.77
26 27 26 00-0206	EA	40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch.....		312.75	34.77
<b>26 27 26 00-0207</b>		<b>Low Voltage Switching (26 27 26 00-0172)</b>			
26 27 26 00-0208	EA	36 Pin Male Or Female Connector.....		214.11	11.59
<b>26 27 26 00-0209</b>		<b>Other Switches (26 27 26 00-0172)</b>			
26 27 26 00-0210	EA	Pull Chain Switch 120/277 Volt AC Installed In Light Fixture.....		38.42	17.39
26 27 26 00-0211	EA	SPST Locking Switch For Concealed Devices.....		118.09	46.36
26 27 26 00-0212	EA	3-Way Locking Switch For Concealed Devices.....		119.69	46.36
26 27 26 00-0213	EA	Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard.....		131.68	43.35
26 27 26 00-0214	EA	15 Amperes Momentary Contact Switch.....		125.23	43.35
26 27 26 00-0215	EA	20 Amperes Momentary Contact Switch.....		132.02	43.35
26 27 26 00-0216	EA	2-1/4" Handy Box Cover Units Fuseholder Switch.....		123.42	52.25
26 27 26 00-0217	EA	2-3/4" Handy Box Cover Units Fuseholder Switch.....		125.32	52.25
26 27 26 00-0218	EA	4" Square Box Cover Units With 2 Fuseholders And 2 Switches.....		154.22	63.86
26 27 26 00-0219	EA	4" Square Box Cover Units With 1 Fuseholder And 1 Switch.....		140.25	58.05
26 27 26 00-0220	EA	4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch.....		140.72	58.05



		MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0221		<b>Plates And Covers</b> (26 27 26)		
26 27 26 00-0222		<b>Wall Plates</b> (26 27 26 00-0221)		
26 27 26 00-0223		<b>Nylon Wall Plates</b> (26 27 26 00-0222)		
26 27 26 00-0224	EA	1 Gang Nylon Switch Wall Plates .....	1.92	0.58
26 27 26 00-0225	EA	2 Gang Nylon Switch Wall Plates .....	3.28	0.87
26 27 26 00-0226	EA	3 Gang Nylon Switch Wall Plates .....	4.68	1.16
26 27 26 00-0227	EA	4 Gang Nylon Switch Wall Plate .....	6.80	1.46
26 27 26 00-0228	EA	1 Gang Duplex Nylon Wall Plate .....	1.94	0.58
26 27 26 00-0229	EA	2 Gang Duplex Nylon Wall Plate .....	3.36	0.87
26 27 26 00-0230		<b>Plastic Wall Plates</b> (26 27 26 00-0222)		
26 27 26 00-0231	EA	1 Gang Plastic Switch Wall Plates .....	1.77	0.58
26 27 26 00-0232	EA	2 Gang Plastic Switch Wall Plates .....	2.97	0.87
26 27 26 00-0233	EA	3 Gang Plastic Switch Wall Plates .....	4.19	1.16
26 27 26 00-0234	EA	4 Gang Plastic Switch Wall Plates .....	6.80	1.46
26 27 26 00-0235	EA	1 Gang Duplex Plastic Wall Plate .....	1.77	0.58
26 27 26 00-0236	EA	2 Gang Duplex Plastic Wall Plate .....	2.98	0.87
26 27 26 00-0237		<b>Brass Wall Plates</b> (26 27 26 00-0222)		
26 27 26 00-0238	EA	1 Gang, 0.04" Brass Switch Wall Plates .....	19.66	2.61
26 27 26 00-0239	EA	2 Gang, 0.04" Brass Switch Wall Plates .....	37.37	3.02
26 27 26 00-0240	EA	3 Gang, 0.04" Brass Switch Wall Plates .....	54.97	3.36
26 27 26 00-0241	EA	4 Gang, 0.04" Brass Switch Wall Plates .....	85.96	3.65
26 27 26 00-0242	EA	5 Gang, 0.04" Brass Switch Wall Plates .....	104.86	3.89
26 27 26 00-0243	EA	6 Gang, 0.04" Brass Switch Wall Plates .....	121.48	4.07
26 27 26 00-0244	EA	1 Gang, 0.04" Brass Duplex Receptacle Wall Plate .....	19.66	2.61
26 27 26 00-0245	EA	2 Gang, 0.04" Brass Duplex Receptacle Wall Plate .....	43.94	3.02
26 27 26 00-0246	EA	3 Gang 0.04" Brass Duplex Receptacle Wall Plate .....	63.64	3.36
26 27 26 00-0247		<b>Stainless Steel Wall Plates</b> (26 27 26 00-0222)		
26 27 26 00-0248	EA	1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	10.17	2.61
26 27 26 00-0249	EA	2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	16.63	3.02
26 27 26 00-0250	EA	3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	23.48	3.36
26 27 26 00-0251	EA	4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	34.81	3.65
26 27 26 00-0252	EA	5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	41.11	3.89
26 27 26 00-0253	EA	6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates .....	49.90	4.07
26 27 26 00-0254	EA	1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate .....	11.21	2.61
26 27 26 00-0255	EA	2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate .....	19.09	3.02
26 27 26 00-0256	EA	3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate .....	31.62	3.36
26 27 26 00-0257	EA	4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate .....	38.34	3.65
26 27 26 00-0258		<b>Chrome Wall Plates</b> (26 27 26 00-0222)		
26 27 26 00-0259	EA	1 Gang, 0.040" Chrome Switch Wall Plate .....	40.09	2.61
26 27 26 00-0260	EA	2 Gang 0.040" Chrome Switch Wall Plate .....	75.65	3.02
26 27 26 00-0261	EA	3 Gang 0.040" Chrome Switch Wall Plate .....	111.19	3.36
26 27 26 00-0262	EA	1 Gang 0.040" Chrome Duplex Receptacle Wall Plate .....	40.06	2.61
26 27 26 00-0263		<b>Weatherproof Covers</b> (26 27 26 00-0221)		
26 27 26 00-0264		<b>Stamped Metallic Weatherproof Covers</b> (26 27 26 00-0263)		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0265	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC) .....	12.34	0.58
26 27 26 00-0266	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC) .....	13.38	0.58
26 27 26 00-0267	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC) .....	13.38	0.58
26 27 26 00-0268	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC) .....	13.38	0.58
26 27 26 00-0269	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC) .....	16.38	0.87
26 27 26 00-0270	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC) .....	18.62	0.87
26 27 26 00-0271	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC) .....	18.84	0.87
26 27 26 00-0272	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC) .....	18.84	0.87
26 27 26 00-0273	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC) .....	25.66	0.87
26 27 26 00-0274	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB) .....	24.26	1.16
26 27 26 00-0275	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT) .....	26.54	1.16
26 27 26 00-0276		<b>Cast Metallic Weatherproof Covers</b> (26 27 26 00-0263)		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0277	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC) .....	15.12	0.58
26 27 26 00-0278	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA) .....	48.46	0.58
26 27 26 00-0279	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR) .....	54.35	0.58
26 27 26 00-0280	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG) .....	15.01	0.58
26 27 26 00-0281	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT) .....	41.06	0.58
26 27 26 00-0282	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT) .....	68.36	0.58
26 27 26 00-0283	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST) .....	87.05	0.58
26 27 26 00-0284	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC) .....	18.84	0.87

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 27 26 00-0285	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST).....	137.51	0.87
	26 27 26 00-0286	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC) .....	31.58	1.16
	26 27 26 00-0287	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST).....	131.33	1.16
<b>26 27 26 00-0288</b>	<b>Die Cast Aluminum Weatherproof Covers</b> (26 27 26 00-0263)				
	Note: Includes electrostatically applied powder coating and neoprene gasket.				
	26 27 26 00-0289	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027) .....	5.32	0.58
	26 27 26 00-0290	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026).....	6.84	0.58
	26 27 26 00-0291	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032).....	9.16	0.87
	26 27 26 00-0292	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041) .....	9.95	0.87
	26 27 26 00-0293	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042) .....	9.95	0.87
	26 27 26 00-0294	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043) .....	11.09	0.87
<b>26 27 26 00-0295</b>	<b>Heavy-Duty Die Cast Aluminum Weatherproof Covers</b> (26 27 26 00-0263)				
	Note: Includes baked on lacquer finish and neoprene gasket.				
	26 27 26 00-0296	EA	Duplex Receptacle, Single Gang, Heavy-Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510).....	54.81	0.58
<b>26 27 26 00-0297</b>	<b>Polycarbonate Weatherproof Covers</b> (26 27 26 00-0263)				
	Note: Includes neoprene gasket.				
	26 27 26 00-0298	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730).....	10.99	0.58
	26 27 26 00-0299	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) .....	10.99	0.58
	26 27 26 00-0300	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730) .....	10.99	0.58
	26 27 26 00-0301	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) .....	13.58	0.87
	26 27 26 00-0302	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775) .....	13.58	0.87
<b>26 27 26 00-0303</b>	<b>High Impact Thermoplastic Weatherproof Covers</b> (26 27 26 00-0263)				
	Note: Includes neoprene gasket.				
	26 27 26 00-0304	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522) .....	93.94	0.58
<b>26 27 26 00-0305</b>	<b>Non-Metallic (PVC) Weatherproof Covers</b> (26 27 26 00-0263)				
	Note: Includes neoprene gasket.				
	26 27 26 00-0306	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	12.52	0.58
	26 27 26 00-0307	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover .....	13.43	0.87
	26 27 26 00-0308	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	12.56	0.58
	26 27 26 00-0309	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	27.71	0.58
	26 27 26 00-0310	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	32.12	0.58
	26 27 26 00-0311	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	26.03	0.58
	26 27 26 00-0312	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	19.39	0.58
	26 27 26 00-0313	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover .....	22.70	0.58
	26 27 26 00-0314	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover.....	20.30	0.58
	26 27 26 00-0315	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover .....	29.21	0.87
<b>26 27 26 00-0316</b>	<b>Removal And Reinstallation Of Wiring Devices</b> (26 27 26)				
	Note: Includes storage and cleaning.				
	26 27 26 00-0317	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device .....	76.26	
	26 27 26 00-0318	EA	Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate.....	9.66	
<b>26 27 26 00-0319</b>	<b>In Line Midget Fuseholders</b> (26 27 26)				
	See CSI section 26 28 13 00-0078 for fuses.				
	26 27 26 00-0320	EA	Single Pole Water Resistant In Line Midget Fuseholder .....	88.58	
	26 27 26 00-0321	EA	Double Pole Water Resistant In Line Midget Fuseholder.....	212.16	
<b>26 27 26 00-0322</b>	<b>Relay Systems</b> (26 27 26)				
	26 27 26 00-0323	EA	10 Amperes, 24 Volt Coil, 2 Position Relay .....	91.33	26.08
	26 27 26 00-0324	EA	20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay .....	399.41	86.93
	26 27 26 00-0325	EA	20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay .....	683.26	115.91
<b>26 27 26 00-0326</b>	<b>Limit Switches</b> (26 27 26)				
<b>26 27 26 00-0327</b>	<b>Heavy-Duty Precision Oiltight</b> (26 27 26 00-0326)				
<b>26 27 26 00-0328</b>	<b>Lever Arm, Plunger, Wobble Stick Type</b> (26 27 26 00-0327)				
	26 27 26 00-0329	EA	Limit Switch, Heavy-Duty, Lever Arm Weatherproof, 10 Amperes Rated .....	358.89	73.02
<b>26 27 33</b>	<b>Power Distribution Units</b> (26 27)				
	Note: Includes wiring connections and testing.				



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Low-Voltage Electrical Distribution</b>	<b>26 20</b>	
<b>Low-Voltage Distribution Equipment</b>	<b>26 27</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 27 33 00-0001</b> <b>Liebert Precision Power Center</b> <sup>(26 27 33)</sup>		
Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.		
26 27 33 00-0002    EA    PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C) .....	21,698.35	356.40
26 27 33 00-0003    EA    PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C) .....	26,211.54	386.30
26 27 33 00-0004    EA    PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C) .....	29,875.23	428.84
26 27 33 00-0005    EA    PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C) .....	34,381.93	463.61
26 27 33 00-0006    EA    PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C) .....	37,497.78	579.52
26 27 33 00-0007    EA    PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C) .....	42,055.63	695.42
26 27 33 00-0008    EA    PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C) .....	48,522.02	811.33
26 27 33 00-0009    EA    PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C) .....	51,001.67	927.22
26 27 33 00-0010    EA    PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C) .....	53,863.03	1,043.13
26 27 33 00-0011    EA    Ex Panelboard 10-30 KVA .....	1,902.85	115.91
26 27 33 00-0012    EA    Ex Panelboard 50-125 KVA .....	2,851.45	144.87
26 27 33 00-0013    EA    Ex Panelboard 150-220 KVA .....	6,472.03	173.85
26 27 33 00-0014    EA    Removal And Reinstallation Of Power Distribution Unit .....	1,854.46	
Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.		
26 27 33 00-0015    EA    Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only .....	1,390.85	
<b>26 27 73</b> <b>Door Chimes</b> <sup>(26 27)</sup>		
<b>26 27 73 00-0001</b> <b>Door Bell Chime And Door Button With Built-In Viewer</b> <sup>(26 27 73)</sup>		
Note: Non-electric chime, mounted on door		
26 27 73 00-0002    EA    Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV) .....	85.29	17.85
<b>26 27 73 00-0003</b> <b>Wireless Door Bell System</b> <sup>(26 27 73)</sup>		
26 27 73 00-0004    EA    Wireless Doorbell Chime And Push Button (Broan LA542WH) .....	140.03	
Note: Includes 2 push buttons		
26 27 73 00-0005    EA    Wireless Doorbell Chime And Push Button (STI-3350G) .....	131.55	
Note: Includes 2 push buttons		
26 27 73 00-0006    EA    Wireless Doorbell Chime And Push Button (GE 19300) .....	96.92	
Note: Includes 2 push buttons		
<b>26 27 73 00-0007</b> <b>Door Bell Buzzer System, Wired</b> <sup>(26 27 73)</sup>		
26 27 73 00-0008    EA    Door Bell, Push-Button And Transformer, Complete .....	642.48	241.43
26 27 73 00-0009    EA    Visual Flashing Doorbell Indicator, Wire To Existing System, Complete .....	265.71	57.95
26 27 73 00-0010    EA    Removal And Replacement Of Bell/Buzzer, Complete .....	107.16	28.98
Note: Includes removal of existing.		
<b>26 28</b> <b>Low-Voltage Circuit Protective Devices</b> <sup>(26 20)</sup>		
<b>26 28 13</b> <b>Fuses</b> <sup>(26 28)</sup>		
<b>26 28 13 00-0001</b> <b>125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses</b> <sup>(26 28 13)</sup>		
26 28 13 00-0002    EA    1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	28.81	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0003    EA    2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	28.00	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0004    EA    3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	26.88	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0005    EA    5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	26.73	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0006    EA    6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	27.77	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0007    EA    8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	25.73	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0008    EA    10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	25.25	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0009    EA    15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	21.29	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0010    EA    20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	20.69	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0011    EA    25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	21.84	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0012    EA    30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse .....	21.04	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0013 <b>Class RK1, Time Delay Fuses</b> <sup>(26 28 13)</sup>		
26 28 13 00-0014 <b>250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses</b> <sup>(26 28 13 00-0013)</sup>		
26 28 13 00-0015    EA    1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse .....	48.30	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0016    EA    2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse .....	44.71	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	
26 28 13 00-0017    EA    3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse .....	47.21	8.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	5.56	







MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 28 13 00-0058	EA	40 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	93.81	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0059	EA	45 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	91.86	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0060	EA	50 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	92.78	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0061	EA	60 Amperes, 600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse.....	93.60	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
<b>26 28 13 00-0062</b>		<b>600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuses</b> <small>(26 28 13 00-0013)</small>		
26 28 13 00-0063	EA	70 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	179.14	10.43
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0064	EA	80 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	183.01	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.65	
26 28 13 00-0065	EA	90 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	181.97	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.65	
26 28 13 00-0066	EA	100 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	182.79	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.65	
26 28 13 00-0067	EA	110 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	341.36	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.65	
26 28 13 00-0068	EA	125 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	346.63	11.48
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.65	
26 28 13 00-0069	EA	150 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	340.38	14.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 28 13 00-0070	EA	200 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	339.51	14.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 28 13 00-0071	EA	250 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	655.53	14.14
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.39	
26 28 13 00-0072	EA	300 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	657.60	17.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.48	
26 28 13 00-0073	EA	350 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	742.95	17.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.48	
26 28 13 00-0074	EA	400 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	672.11	17.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.48	
26 28 13 00-0075	EA	450 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	1,215.99	17.27
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.48	
26 28 13 00-0076	EA	500 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	1,079.72	20.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0077	EA	600 Amperes, 600 Volt AC, 200 kAmp I.R., Blade Type, Class RK1, Time Delay Fuse.....	940.01	20.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
<b>26 28 13 00-0078</b>		<b>600 Volt AC, Class CC Midget Fuses</b> <small>(26 28 13)</small>		
		Note: 250/300 Volt DC.		
26 28 13 00-0079	EA	1 Amperes, 600 Volt AC, Class CC Midget Fuse.....	56.45	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0080	EA	2 Amperes, 600 Volt AC, Class CC Midget Fuse.....	57.40	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0081	EA	3 Amperes, 600 Volt AC, Class CC Midget Fuse.....	57.13	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0082	EA	5 Amperes, 600 Volt AC, Class CC Midget Fuse.....	56.83	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0083	EA	6 Amperes, 600 Volt AC, Class CC Midget Fuse.....	61.31	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0084	EA	8 Amperes, 600 Volt AC, Class CC Midget Fuse.....	54.14	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0085	EA	10 Amperes, 600 Volt AC, Class CC Midget Fuse.....	62.56	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0086	EA	15 Amperes, 600 Volt AC, Class CC Midget Fuse.....	56.86	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0087	EA	20 Amperes, 600 Volt AC, Class CC Midget Fuse.....	55.69	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0088	EA	25 Amperes, 600 Volt AC, Class CC Midget Fuse.....	63.00	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
26 28 13 00-0089	EA	30 Amperes, 600 Volt AC, Class CC Midget Fuse.....	55.28	8.35
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.56	
<b>26 28 13 00-0090</b>		<b>200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse</b> <small>(26 28 13)</small>		
26 28 13 00-0091	EA	1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	76.62	5.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 28 13 00-0092	EA	3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	77.24	5.79
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.48	
26 28 13 00-0093	EA	6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	65.41	6.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	
26 28 13 00-0094	EA	10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	63.89	8.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
26 28 13 00-0095	EA	15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	65.38	8.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	
26 28 13 00-0096	EA	20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	64.05	8.69
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.22	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0097	EA		25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	81.25	11.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0098	EA		30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	66.33	11.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0099	EA		35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	122.02	11.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0100	EA		40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	102.83	11.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0101	EA		45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	119.08	11.59
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.95	
26 28 13 00-0102	EA		50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	102.81	14.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 28 13 00-0103	EA		60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	100.75	14.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 28 13 00-0104	EA		70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	159.97	17.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 28 13 00-0105	EA		80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	171.35	17.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 28 13 00-0106	EA		90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	168.44	17.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 28 13 00-0107	EA		100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	144.05	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0108	EA		110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	356.43	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0109	EA		125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	300.77	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0110	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	284.10	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0111	EA		175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	288.53	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0112	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	236.76	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0113	EA		225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	623.92	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0114	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	575.60	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0115	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	529.11	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0116	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	578.59	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0117	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	472.77	26.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.65	
26 28 13 00-0118	EA		450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	1,024.89	26.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.65	
26 28 13 00-0119	EA		500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	865.07	28.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.39	
26 28 13 00-0120	EA		600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse	638.25	28.98
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.39	
<b>26 28 13 00-0121</b>			<b>600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses (26 28 13)</b>		
26 28 13 00-0122	EA		100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,985.85	14.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 28 13 00-0123	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,989.79	14.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 28 13 00-0124	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,993.46	14.48
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.69	
26 28 13 00-0125	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,985.15	17.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 28 13 00-0126	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,827.40	17.39
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.43	
26 28 13 00-0127	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,954.25	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0128	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,797.64	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0129	EA		450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,012.11	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0130	EA		500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,972.59	20.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.17	
26 28 13 00-0131	EA		600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,751.24	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0132	EA		601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,798.77	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0133	EA		650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,396.18	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0134	EA		700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,742.62	23.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 13 00-0135	EA		750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,681.78	26.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.65	
26 28 13 00-0136	EA		800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	1,537.90	26.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.65	
26 28 13 00-0137	EA		900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse	2,253.12	26.08
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0138 EA 1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,511.76	26.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.65	
26 28 13 00-0139 EA 1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,557.22	26.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.65	
26 28 13 00-0140 EA 1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,481.20	26.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.65	
26 28 13 00-0141 EA 1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,432.07	26.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.65	
26 28 13 00-0142 EA 1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,094.96	26.08
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.65	
26 28 13 00-0143 EA 1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,925.96	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 13 00-0144 EA 1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	4,101.35	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 13 00-0145 EA 2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	2,619.36	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 13 00-0146 EA 2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,547.11	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 13 00-0147 EA 2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	6,054.90	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 13 00-0148 EA 3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	3,954.53	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 28 13 00-0149 EA 3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	8,198.26	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 28 13 00-0150 EA 3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	9,515.87	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 28 13 00-0151 EA 4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	5,494.43	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 28 13 00-0152 EA 5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	8,682.06	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	
26 28 13 00-0153 EA 6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	14,384.70	31.87
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.13	

**26 28 16 Enclosed Switches and Circuit Breakers (26 28)**

**26 28 16 13 Enclosed Circuit Breakers (26 28 16)**

**26 28 16 13-0001 Branch Circuit Breakers (26 28 16 13)**

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

**26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)**

Note: Includes connection of electrical wire.

26 28 16 13-0003 EA 1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	55.56	20.86
For Bolt-On, Add	15.06	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0004 EA 1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	55.56	20.86
For Bolt-On, Add	15.06	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0005 EA 1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	79.17	26.08
For Bolt-On, Add	20.04	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0006 EA 1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	115.65	26.08
For Bolt-On, Add	24.60	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0007 EA 1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	157.36	26.08
For Bolt-On, Add	29.81	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0008 EA 1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	181.15	26.08
For Bolt-On, Add	32.79	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0009 EA 1 Pole GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	92.67	26.08
For Bolt-On, Add	21.73	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0010 EA 2 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity.....	90.76	31.29
For Bolt-On, Add	23.51	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0011 EA 2 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	90.76	31.29
For Bolt-On, Add	23.51	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0012 EA 2 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	135.16	41.73
For Bolt-On, Add	33.12	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0013 EA 2 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	218.49	52.16
For Bolt-On, Add	47.60	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0014 EA 2 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	256.23	57.95
For Bolt-On, Add	54.34	
For Installation In New Panelboard, Deduct	-31.87	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.25	
26 28 16 13-0015 EA 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	213.76	37.09
For Bolt-On, Add	41.32	
For Installation In New Panelboard, Deduct	-20.86	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.04	
26 28 16 13-0016 EA 2 Pole GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	281.99	37.09
For Bolt-On, Add	49.85	
For Installation In New Panelboard, Deduct	-20.86	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.04	
26 28 16 13-0017 EA 3 Pole, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	166.99	41.73
For Bolt-On, Add	37.10	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0018 EA 3 Pole, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	166.99	41.73
For Bolt-On, Add	37.10	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0019 EA 3 Pole, 70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	218.08	52.16
For Bolt-On, Add	47.54	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0020 EA 3 Pole, 110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	324.70	62.58
For Bolt-On, Add	64.93	
For Installation In New Panelboard, Deduct	-34.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.72	
26 28 16 13-0021 EA 3 Pole, 150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity .....	412.09	73.02
For Bolt-On, Add	79.91	
For Installation In New Panelboard, Deduct	-40.57	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.68	
<b>26 28 16 13-0022 Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On <sup>(26 28</sup></b>		
<sup>16 13-0001)</sup>		
Note: Includes connection of electrical wire.		
26 28 16 13-0023 EA 1 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	77.17	20.86
For Bolt-On, Add	17.76	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0024 EA 1 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	77.17	20.86
For Bolt-On, Add	17.76	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0025 EA 1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	134.42	26.08
For Bolt-On, Add	26.94	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0026 EA 1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	204.56	26.08
For Bolt-On, Add	35.71	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0027 EA 2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	147.66	31.29
For Bolt-On, Add	30.63	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0028 EA 2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	147.66	31.29
For Bolt-On, Add	30.63	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0029 EA 2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	284.66	41.73
For Bolt-On, Add	51.81	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0030 EA 2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	386.38	52.16
For Bolt-On, Add	68.58	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0031 EA 2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	561.82	57.95
For Bolt-On, Add	92.54	
For Installation In New Panelboard, Deduct	-31.87	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.25	
26 28 16 13-0032 EA 3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	233.01	41.73
For Bolt-On, Add	45.35	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0033 EA 3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	233.01	41.73
For Bolt-On, Add	45.35	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0034 EA 3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	345.33	52.16
For Bolt-On, Add	63.45	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0035 EA 3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	487.69	62.58
For Bolt-On, Add	85.30	
For Installation In New Panelboard, Deduct	-34.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.72	
26 28 16 13-0036 EA 3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	747.80	73.02
For Bolt-On, Add	121.87	
For Installation In New Panelboard, Deduct	-40.57	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.68	
26 28 16 13-0037 EA 3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	861.09	78.23
For Bolt-On, Add	138.06	
For Installation In New Panelboard, Deduct	-43.46	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.16	
26 28 16 13-0038 EA 3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	924.92	83.45
For Bolt-On, Add	148.07	
For Installation In New Panelboard, Deduct	-46.36	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	55.64	
26 28 16 13-0039 EA 3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity .....	1,091.37	88.66
For Bolt-On, Add	170.90	
For Installation In New Panelboard, Deduct	-49.26	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.11	
<b>26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On <sup>(26 28</sup></b>		
<small>16 13-0001)</small>		
Note: Includes connection of electrical wire.		
26 28 16 13-0041 EA 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	91.37	20.86
For Bolt-On, Add	19.53	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0042 EA 35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	91.37	20.86
For Bolt-On, Add	19.53	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0043 EA 70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	148.45	26.08
For Bolt-On, Add	28.70	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0044 EA 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	184.68	31.29
For Bolt-On, Add	35.25	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0045	EA		35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	184.68	31.29
			<i>For Bolt-On, Add</i>	35.25	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0046	EA		70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	320.16	41.73
			<i>For Bolt-On, Add</i>	56.25	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0047	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	804.88	52.16
			<i>For Bolt-On, Add</i>	120.89	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0048	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	294.10	41.73
			<i>For Bolt-On, Add</i>	52.99	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0049	EA		35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	294.10	41.73
			<i>For Bolt-On, Add</i>	52.99	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0050	EA		70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	389.79	52.16
			<i>For Bolt-On, Add</i>	69.01	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0051	EA		110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity .....	995.78	62.58
			<i>For Bolt-On, Add</i>	148.81	
			<i>For Installation In New Panelboard, Deduct</i>	-34.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.72	
26 28 16 13-0052			<b>Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On</b> <sup>(26 28 16 13-0001)</sup>		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0053	EA		15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	103.43	20.86
			<i>For Bolt-On, Add</i>	21.04	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0054	EA		35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	103.43	20.86
			<i>For Bolt-On, Add</i>	21.04	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0055	EA		70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	122.35	26.08
			<i>For Bolt-On, Add</i>	25.44	
			<i>For Installation In New Panelboard, Deduct</i>	-14.49	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.39	
26 28 16 13-0056	EA		15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	202.95	26.08
			<i>For Bolt-On, Add</i>	35.51	
			<i>For Installation In New Panelboard, Deduct</i>	-14.49	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.39	
26 28 16 13-0057	EA		15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	216.15	31.29
			<i>For Bolt-On, Add</i>	39.19	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0058	EA		35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	216.15	31.29
			<i>For Bolt-On, Add</i>	39.19	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0059	EA		70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	263.15	41.73
			<i>For Bolt-On, Add</i>	49.12	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0060	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	377.19	52.16
			<i>For Bolt-On, Add</i>	67.43	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0061	EA		150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	485.11	57.95
			<i>For Bolt-On, Add</i>	82.95	
			<i>For Installation In New Panelboard, Deduct</i>	-31.87	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.25	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0062 EA 250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	604.65	67.81
For Bolt-On, Add	101.95	
For Installation In New Panelboard, Deduct	-37.67	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.20	
26 28 16 13-0063 EA 300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	653.74	78.23
For Bolt-On, Add	112.14	
For Installation In New Panelboard, Deduct	-43.46	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.16	
26 28 16 13-0064 EA 15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	263.68	41.73
For Bolt-On, Add	49.19	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0065 EA 35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	263.68	41.73
For Bolt-On, Add	49.19	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0066 EA 70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	310.17	52.16
For Bolt-On, Add	59.06	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0067 EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	466.86	62.58
For Bolt-On, Add	82.70	
For Installation In New Panelboard, Deduct	-34.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.72	
26 28 16 13-0068 EA 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	612.42	81.13
For Bolt-On, Add	107.99	
For Installation In New Panelboard, Deduct	-44.92	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.90	
26 28 16 13-0069 EA 250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	755.01	93.88
For Bolt-On, Add	130.88	
For Installation In New Panelboard, Deduct	-52.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	62.59	
26 28 16 13-0070 EA 300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity .....	802.74	99.68
For Bolt-On, Add	138.88	
For Installation In New Panelboard, Deduct	-55.06	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.07	
<b>26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On <sup>(26 28</sup></b>		
<sup>16 13-0001)</sup>		
Note: Includes connection of electrical wire.		
26 28 16 13-0072 EA 15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	224.01	31.29
For Bolt-On, Add	40.17	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0073 EA 35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	224.01	31.29
For Bolt-On, Add	40.17	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0074 EA 70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	339.15	41.73
For Bolt-On, Add	58.62	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0075 EA 110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	547.02	52.16
For Bolt-On, Add	88.66	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0076 EA 150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	848.10	64.91
For Bolt-On, Add	131.36	
For Installation In New Panelboard, Deduct	-36.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.46	
26 28 16 13-0077 EA 250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	959.84	67.81
For Bolt-On, Add	146.35	
For Installation In New Panelboard, Deduct	-37.67	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.20	
26 28 16 13-0078 EA 300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	1,049.81	78.23
For Bolt-On, Add	161.65	
For Installation In New Panelboard, Deduct	-43.46	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.16	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0079	EA		15 To 30 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	321.12	41.73
			<i>For Bolt-On, Add</i>	56.37	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0080	EA		35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	321.12	41.73
			<i>For Bolt-On, Add</i>	56.37	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0081	EA		70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	404.41	52.16
			<i>For Bolt-On, Add</i>	70.84	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0082	EA		110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	679.92	62.58
			<i>For Bolt-On, Add</i>	109.33	
			<i>For Installation In New Panelboard, Deduct</i>	-34.77	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.72	
26 28 16 13-0083	EA		150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	991.08	81.13
			<i>For Bolt-On, Add</i>	155.33	
			<i>For Installation In New Panelboard, Deduct</i>	-44.92	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.90	
26 28 16 13-0084	EA		250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	1,170.26	93.88
			<i>For Bolt-On, Add</i>	182.79	
			<i>For Installation In New Panelboard, Deduct</i>	-52.16	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.59	
26 28 16 13-0085	EA		300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity .....	1,265.52	99.68
			<i>For Bolt-On, Add</i>	196.73	
			<i>For Installation In New Panelboard, Deduct</i>	-55.06	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.07	
26 28 16 13-0086			<b>Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On</b> <small>(26 28 16 13-0001)</small>		
			Note: Includes connection of electrical wire.		
26 28 16 13-0087	EA		2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	231.82	31.29
			<i>For Bolt-On, Add</i>	41.15	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0088	EA		2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	231.82	31.29
			<i>For Bolt-On, Add</i>	41.15	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0089	EA		2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	411.28	41.73
			<i>For Bolt-On, Add</i>	67.64	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0090	EA		2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	747.01	52.16
			<i>For Bolt-On, Add</i>	113.66	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0091	EA		2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,178.68	64.91
			<i>For Bolt-On, Add</i>	172.69	
			<i>For Installation In New Panelboard, Deduct</i>	-36.22	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.46	
26 28 16 13-0092	EA		2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,340.04	67.81
			<i>For Bolt-On, Add</i>	193.87	
			<i>For Installation In New Panelboard, Deduct</i>	-37.67	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.20	
26 28 16 13-0093	EA		2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,460.10	78.23
			<i>For Bolt-On, Add</i>	212.94	
			<i>For Installation In New Panelboard, Deduct</i>	-43.46	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.16	
26 28 16 13-0094	EA		3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	375.21	41.73
			<i>For Bolt-On, Add</i>	63.13	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0095	EA		3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	375.21	41.73
			<i>For Bolt-On, Add</i>	63.13	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			Note: Also for use with new interiors in panelboards.		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0096 EA 3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	498.18	52.16
For Bolt-On, Add	82.56	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0097 EA 3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	908.42	62.58
For Bolt-On, Add	137.89	
For Installation In New Panelboard, Deduct	-34.77	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.72	
26 28 16 13-0098 EA 3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,148.16	81.13
For Bolt-On, Add	174.96	
For Installation In New Panelboard, Deduct	-44.92	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.90	
26 28 16 13-0099 EA 3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,823.05	93.88
For Bolt-On, Add	264.39	
For Installation In New Panelboard, Deduct	-52.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	62.59	
26 28 16 13-0100 EA 3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity .....	1,941.40	99.68
For Bolt-On, Add	281.21	
For Installation In New Panelboard, Deduct	-55.06	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.07	
<b>26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On</b> <small>(26 28</small>		
<small>16 13-0001)</small>		
Note: Includes connection of electrical wire.		
26 28 16 13-0102 EA 1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	123.12	20.86
For Bolt-On, Add	23.50	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0103 EA 1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	123.12	20.86
For Bolt-On, Add	23.50	
For Installation In New Panelboard, Deduct	-11.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.91	
26 28 16 13-0104 EA 1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	210.53	26.08
For Bolt-On, Add	36.46	
For Installation In New Panelboard, Deduct	-14.49	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.39	
26 28 16 13-0105 EA 2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	263.81	31.29
For Bolt-On, Add	45.15	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0106 EA 2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	263.81	31.29
For Bolt-On, Add	45.15	
For Installation In New Panelboard, Deduct	-17.39	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.86	
26 28 16 13-0107 EA 2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	477.48	41.73
For Bolt-On, Add	75.91	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0108 EA 2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	879.24	52.16
For Bolt-On, Add	130.19	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	
26 28 16 13-0109 EA 2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	1,700.96	64.91
For Bolt-On, Add	237.97	
For Installation In New Panelboard, Deduct	-36.22	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	43.46	
26 28 16 13-0110 EA 3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	432.94	41.73
For Bolt-On, Add	70.34	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0111 EA 3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	432.94	41.73
For Bolt-On, Add	70.34	
For Installation In New Panelboard, Deduct	-23.18	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.82	
26 28 16 13-0112 EA 3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	578.38	52.16
For Bolt-On, Add	92.58	
For Installation In New Panelboard, Deduct	-28.98	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.77	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0113	EA		3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	1,082.73	62.58
			<i>For Bolt-On, Add</i>	159.68	
			<i>For Installation In New Panelboard, Deduct</i>	-34.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.72	
26 28 16 13-0114	EA		3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity .....	2,114.83	81.13
			<i>For Bolt-On, Add</i>	295.79	
			<i>For Installation In New Panelboard, Deduct</i>	-44.92	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.90	
<b>26 28 16 13-0115</b>			<b>Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On <sup>(26 28</sup></b>		
			<sup>16 13-0001)</sup>		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0116	EA		15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	178.59	20.86
			<i>For Bolt-On, Add</i>	30.44	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0117	EA		35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	178.59	20.86
			<i>For Bolt-On, Add</i>	30.44	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0118	EA		70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	269.52	26.08
			<i>For Bolt-On, Add</i>	43.83	
			<i>For Installation In New Panelboard, Deduct</i>	-14.49	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.39	
26 28 16 13-0119	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	327.99	31.29
			<i>For Bolt-On, Add</i>	53.17	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0120	EA		35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	327.99	31.29
			<i>For Bolt-On, Add</i>	53.17	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0121	EA		70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	615.63	41.73
			<i>For Bolt-On, Add</i>	93.18	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0122	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	1,113.65	52.16
			<i>For Bolt-On, Add</i>	159.49	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0123	EA		150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	2,213.13	57.95
			<i>For Bolt-On, Add</i>	298.95	
			<i>For Installation In New Panelboard, Deduct</i>	-31.87	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.25	
26 28 16 13-0124	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	561.54	41.73
			<i>For Bolt-On, Add</i>	86.42	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0125	EA		35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	561.54	41.73
			<i>For Bolt-On, Add</i>	86.42	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0126	EA		70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	777.07	52.16
			<i>For Bolt-On, Add</i>	117.42	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0127	EA		110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	1,257.03	62.58
			<i>For Bolt-On, Add</i>	181.47	
			<i>For Installation In New Panelboard, Deduct</i>	-34.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.72	
26 28 16 13-0128	EA		150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity .....	2,794.23	81.13
			<i>For Bolt-On, Add</i>	380.72	
			<i>For Installation In New Panelboard, Deduct</i>	-44.92	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.90	
<b>26 28 16 13-0129</b>			<b>Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On <sup>(26 28</sup></b>		
			<sup>16 13-0001)</sup>		
			<i>Note: Includes connection of electrical wire.</i>		



<b>Electrical</b>	<b>26</b>	
Low-Voltage Electrical Distribution	26 20	26
Low-Voltage Circuit Protective Devices	26 28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0130	EA		15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	82.85	20.86
			<i>For Bolt-On, Add</i>	18.47	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0131	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	172.36	31.29
			<i>For Bolt-On, Add</i>	33.71	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0132	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	271.83	41.73
			<i>For Bolt-On, Add</i>	50.20	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0133	EA		15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	169.08	20.86
			<i>For Bolt-On, Add</i>	29.25	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0134	EA		35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	169.08	20.86
			<i>For Bolt-On, Add</i>	29.25	
			<i>For Installation In New Panelboard, Deduct</i>	-11.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.91	
26 28 16 13-0135	EA		70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	336.75	41.73
			<i>For Bolt-On, Add</i>	58.32	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0136	EA		15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	380.85	31.29
			<i>For Bolt-On, Add</i>	59.78	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0137	EA		35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	380.85	31.29
			<i>For Bolt-On, Add</i>	59.78	
			<i>For Installation In New Panelboard, Deduct</i>	-17.39	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.86	
26 28 16 13-0138	EA		70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	734.77	41.73
			<i>For Bolt-On, Add</i>	108.07	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0139	EA		110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	1,245.88	52.16
			<i>For Bolt-On, Add</i>	176.02	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0140	EA		150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	2,739.15	64.91
			<i>For Bolt-On, Add</i>	367.75	
			<i>For Installation In New Panelboard, Deduct</i>	-36.22	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.46	
26 28 16 13-0141	EA		15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	637.16	41.73
			<i>For Bolt-On, Add</i>	95.87	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0142	EA		35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	637.16	41.73
			<i>For Bolt-On, Add</i>	95.87	
			<i>For Installation In New Panelboard, Deduct</i>	-23.18	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.82	
26 28 16 13-0143	EA		70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	886.85	52.16
			<i>For Bolt-On, Add</i>	131.14	
			<i>For Installation In New Panelboard, Deduct</i>	-28.98	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34.77	
26 28 16 13-0144	EA		110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	1,353.20	62.58
			<i>For Bolt-On, Add</i>	193.49	
			<i>For Installation In New Panelboard, Deduct</i>	-34.77	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.72	
26 28 16 13-0145	EA		150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	3,406.04	81.13
			<i>For Bolt-On, Add</i>	457.20	
			<i>For Installation In New Panelboard, Deduct</i>	-44.92	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.90	

**26 28 16 16 Enclosed Switches** (26 28 16)

26 28 16 16-0001 Motor And Circuit Disconnects (26 28 16 16)

Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 28 16 16-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0003		Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
		Note: Includes fuses and neutral bar.		
26 28 16 16-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	473.43	115.91
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	762.59	139.66
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,060.64	163.43
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,837.24	257.30
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,971.48	399.86
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,665.39	591.11
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,141.25	695.42
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,326.42	811.33
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	741.27	128.77
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	894.47	155.20
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,450.97	181.39
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,137.38	286.28
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,742.40	444.15
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,408.68	656.48
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	11,042.26	772.27
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,152.92	901.49
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	665.95	181.97
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	993.10	241.66
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,361.86	268.32
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,156.23	420.15
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,558.14	689.62
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,481.73	966.05
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	886.14	201.09
26 28 16 16-0031	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,120.82	268.32
26 28 16 16-0032	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,691.99	301.93
26 28 16 16-0033	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,484.61	460.13
26 28 16 16-0034	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,655.66	742.94
26 28 16 16-0035	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,154.17	1,073.27
26 28 16 16-0036	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	14,753.91	1,274.94
26 28 16 16-0037	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	18,938.34	1,448.79



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 16-0038</b> 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0039 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	642.74	181.97
26 28 16 16-0040 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	963.11	241.66
26 28 16 16-0041 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,307.30	268.32
26 28 16 16-0042 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,231.27	420.15
26 28 16 16-0043 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,981.00	689.62
26 28 16 16-0044 EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	8,117.89	966.05
26 28 16 16-0045 EA 800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	13,601.71	1,216.98
26 28 16 16-0046 EA 1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	16,817.78	1,390.85
<b>26 28 16 16-0047</b> 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0048 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	971.28	201.09
26 28 16 16-0049 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,225.45	268.32
26 28 16 16-0050 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,844.99	301.93
26 28 16 16-0051 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	2,713.64	460.13
26 28 16 16-0052 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,144.31	742.94
26 28 16 16-0053 EA 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	10,017.18	1,073.27
26 28 16 16-0054 EA 800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	16,186.71	1,274.94
26 28 16 16-0055 EA 1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	20,486.06	1,448.79
<b>26 28 16 16-0056</b> Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
<b>26 28 16 16-0057</b> 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0058 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	458.75	167.71
26 28 16 16-0059 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	720.65	233.31
26 28 16 16-0060 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,008.95	268.32
26 28 16 16-0061 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,578.13	429.30
26 28 16 16-0062 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,228.77	715.47
26 28 16 16-0063 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,336.85	975.68
26 28 16 16-0064 EA 800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,692.46	1,159.04
26 28 16 16-0065 EA 1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	10,210.40	1,352.71
<b>26 28 16 16-0066</b> 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0067 EA 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	506.77	185.10
26 28 16 16-0068 EA 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	816.91	261.83
26 28 16 16-0069 EA 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,141.90	298.10
26 28 16 16-0070 EA 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,771.39	466.63
26 28 16 16-0071 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,474.27	766.58
26 28 16 16-0072 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,903.32	1,073.15
26 28 16 16-0073 EA 800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,568.32	1,159.04
26 28 16 16-0074 EA 1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	11,409.85	1,352.71

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 16-0075 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0076 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	528.77	150.68
26 28 16 16-0077 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	818.06	209.78
26 28 16 16-0078 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,120.97	241.66
26 28 16 16-0079 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,758.27	386.53
26 28 16 16-0080 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,574.10	643.85
26 28 16 16-0081 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,828.09	877.97
26 28 16 16-0082 EA 800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	10,223.58	1,043.13
26 28 16 16-0083 EA 1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	13,381.33	1,216.98
<b>26 28 16 16-0084 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0085 EA 30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	576.12	166.32
26 28 16 16-0086 EA 60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	897.69	235.87
26 28 16 16-0087 EA 100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,220.19	268.32
26 28 16 16-0088 EA 200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,895.85	420.15
26 28 16 16-0089 EA 400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,829.36	689.62
26 28 16 16-0090 EA 600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,294.57	966.05
26 28 16 16-0091 EA 800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	10,803.32	1,043.13
<b>26 28 16 16-0092 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0093 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	619.32	166.55
26 28 16 16-0094 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	971.37	235.63
26 28 16 16-0095 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,340.02	268.32
26 28 16 16-0096 EA 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,080.42	419.92
26 28 16 16-0097 EA 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,087.54	689.85
26 28 16 16-0098 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,058.65	965.82
26 28 16 16-0099 EA 800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	11,675.30	1,043.13
26 28 16 16-0100 EA 1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	15,335.59	1,216.98
<b>26 28 16 16-0101 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0102 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	943.75	150.91
26 28 16 16-0103 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,129.30	210.02
26 28 16 16-0104 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,762.89	241.43
26 28 16 16-0105 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,636.21	386.30
<b>26 28 16 16-0106 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0107 EA 30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,020.85	166.32
26 28 16 16-0108 EA 60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,231.19	235.87
26 28 16 16-0109 EA 100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,907.99	268.32
26 28 16 16-0110 EA 200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,836.52	420.15





<b>Electrical</b>	<b>26</b>	
Low-Voltage Electrical Distribution	26 20	26
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 16-0111</b> <b>600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0056)</small>		
26 28 16 16-0112    EA    30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,141.11	166.55
26 28 16 16-0113    EA    60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,363.84	235.63
26 28 16 16-0114    EA    100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,146.52	268.32
26 28 16 16-0115    EA    200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,184.00	419.92
<b>26 28 16 16-0116</b> <b>General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0002)</small>		
<small>Note: Includes fuses and neutral bar.</small>		
<b>26 28 16 16-0117</b> <b>240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0116)</small>		
26 28 16 16-0118    EA    30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	320.55	100.83
26 28 16 16-0119    EA    60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	443.19	121.35
26 28 16 16-0120    EA    100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	699.32	141.87
26 28 16 16-0121    EA    200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,309.67	223.81
26 28 16 16-0122    EA    400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,187.61	347.13
26 28 16 16-0123    EA    600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,014.36	513.80
<b>26 28 16 16-0124</b> <b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0116)</small>		
26 28 16 16-0125    EA    30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	435.42	158.44
26 28 16 16-0126    EA    60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	620.02	210.02
26 28 16 16-0127    EA    100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	882.18	233.31
26 28 16 16-0128    EA    200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,593.86	365.21
26 28 16 16-0129    EA    400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	3,696.31	599.92
26 28 16 16-0130    EA    600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,672.72	839.84
<b>26 28 16 16-0131</b> <b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0116)</small>		
26 28 16 16-0132    EA    30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	491.53	158.44
26 28 16 16-0133    EA    60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	710.48	210.02
26 28 16 16-0134    EA    100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	964.50	233.31
26 28 16 16-0135    EA    200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	1,801.25	365.21
26 28 16 16-0136    EA    400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	4,050.79	599.92
26 28 16 16-0137    EA    600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch .....	6,897.43	839.84
<b>26 28 16 16-0138</b> <b>General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0002)</small>		
<b>26 28 16 16-0139</b> <b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0138)</small>		
26 28 16 16-0140    EA    60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	436.99	140.24
26 28 16 16-0141    EA    100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	591.59	161.22
26 28 16 16-0142    EA    200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,377.92	257.66
26 28 16 16-0143    EA    400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,003.71	428.84
26 28 16 16-0144    EA    600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,261.77	584.38

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>		
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	413.32	131.20
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	565.24	182.55
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	886.30	210.02
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,535.42	336.01
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,267.17	560.04
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,622.28	763.34
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0153		Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	708.61	136.18
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,148.09	163.43
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,440.46	190.08
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,103.99	289.76
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,718.21	463.61
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,345.19	618.35
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,602.59	695.42
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,742.88	811.33
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,240.22	181.51
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,474.35	222.53
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,116.23	255.57
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,972.54	383.30
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,549.65	627.15
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,158.52	862.43
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,983.62	993.07
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	19,801.33	1,117.89
26 28 16 16-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>		
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	887.94	214.43
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,431.59	283.97
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,737.50	311.78
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,568.10	482.74
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,647.49	804.95
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,526.10	1,073.27



	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0179		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <sup>(26 28 16 16-0153)</sup>		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,388.18	254.18
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,653.04	311.55
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,236.40	357.68
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,242.10	536.63
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,926.03	878.09
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,658.99	1,207.37
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	18,044.70	1,390.85
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	21,639.39	1,564.70
26 28 16 16-0188		<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <sup>(26 28 16 16-0153)</sup>		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	983.09	214.43
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,434.35	283.97
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,871.27	311.78
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,657.33	482.74
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,729.34	804.95
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,426.40	1,073.27
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,627.90	1,216.98
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	22,022.94	1,390.85
26 28 16 16-0197		<b>600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <sup>(26 28 16 16-0153)</sup>		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,442.77	254.41
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,714.41	311.78
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,372.81	357.57
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,330.77	536.63
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,246.59	877.97
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	13,027.29	1,207.13
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	19,204.45	1,390.85
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	23,168.08	1,564.70
26 28 16 16-0206		<b>Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <sup>(26 28 16 16-0152)</sup>		
26 28 16 16-0207		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <sup>(26 28 16 16-0206)</sup>		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	676.71	119.27
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,116.74	165.16
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,479.34	189.39
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,946.50	306.68
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,401.96	511.60
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,127.51	682.10
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	13,190.00	811.68

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0215	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,470.03	927.57
<b>26 28 16 16-0216</b>			<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0206)</small>		
26 28 16 16-0217	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	763.04	131.43
26 28 16 16-0218	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,266.80	183.94
26 28 16 16-0219	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,672.88	207.70
26 28 16 16-0220	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,167.65	321.98
26 28 16 16-0221	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,013.37	536.63
26 28 16 16-0222	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,783.38	715.47
26 28 16 16-0223	EA		800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,072.91	850.27
26 28 16 16-0224	EA		1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	18,633.83	965.82
<b>26 28 16 16-0225</b>			<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0206)</small>		
26 28 16 16-0226	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	795.96	178.84
26 28 16 16-0227	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,281.84	247.68
26 28 16 16-0228	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,668.72	284.08
26 28 16 16-0229	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,253.12	460.02
26 28 16 16-0230	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,982.05	767.28
26 28 16 16-0231	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,943.80	1,022.84
26 28 16 16-0232	EA		800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	14,151.54	1,216.98
26 28 16 16-0233	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	18,823.82	1,390.85
<b>26 28 16 16-0234</b>			<b>480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0206)</small>		
26 28 16 16-0235	EA		30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	863.76	197.04
26 28 16 16-0236	EA		60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,394.64	275.97
26 28 16 16-0237	EA		100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,802.32	311.55
26 28 16 16-0238	EA		200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,394.34	482.97
26 28 16 16-0239	EA		400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,303.32	804.83
26 28 16 16-0240	EA		600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,536.52	1,073.15
26 28 16 16-0241	EA		800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,104.18	1,274.94
26 28 16 16-0242	EA		1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	20,083.69	1,448.79
<b>26 28 16 16-0243</b>			<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0206)</small>		
26 28 16 16-0244	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	429.73	197.04
26 28 16 16-0245	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,450.78	275.97
26 28 16 16-0246	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,880.60	311.55
26 28 16 16-0247	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,489.60	482.97
26 28 16 16-0248	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,549.96	804.83
26 28 16 16-0249	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,498.83	1,073.15
26 28 16 16-0250	EA		800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	15,083.07	1,274.94
26 28 16 16-0251	EA		1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	20,054.96	1,448.79





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0252	<b>General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0152)</small>	
	Note: With fuses, neutral bar, and hub if required.	
26 28 16 16-0253	<b>240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0252)</small>	
26 28 16 16-0254	EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	419.44 118.45
26 28 16 16-0255	EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	601.84 142.10
26 28 16 16-0256	EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	800.08 165.28
26 28 16 16-0257	EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,675.56 251.97
26 28 16 16-0258	EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,183.53 403.11
26 28 16 16-0259	EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,486.17 537.79
26 28 16 16-0260	<b>240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0252)</small>	
26 28 16 16-0261	EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	556.56 186.72
26 28 16 16-0262	EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	812.21 246.99
26 28 16 16-0263	EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,011.02 270.99
26 28 16 16-0264	EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,012.70 419.92
26 28 16 16-0265	EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,779.74 699.83
26 28 16 16-0266	EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,287.62 933.49
26 28 16 16-0267	<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0252)</small>	
26 28 16 16-0268	EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	635.21 186.60
26 28 16 16-0269	EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	891.01 246.99
26 28 16 16-0270	EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,264.88 270.99
26 28 16 16-0271	EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,176.68 419.92
26 28 16 16-0272	EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,885.08 699.94
26 28 16 16-0273	EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,110.34 933.49
26 28 16 16-0274	EA 800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	13,129.52 1,057.50
26 28 16 16-0275	<b>General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0152)</small>	
26 28 16 16-0276	<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0275)</small>	
26 28 16 16-0277	EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	379.77 103.73
26 28 16 16-0278	EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	631.93 143.60
26 28 16 16-0279	EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	658.74 164.70
26 28 16 16-0280	EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,705.56 266.58
26 28 16 16-0281	EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,268.04 444.84
26 28 16 16-0282	EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,600.46 593.08
26 28 16 16-0283	<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches</b> <small>(26 28 16 16-0275)</small>	
26 28 16 16-0284	EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	597.16 155.54



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....		863.04	215.35
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....		1,290.96	246.99
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch .....		2,228.76	399.98
26 28 16 16-0288		<b>NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0001)</small>			
26 28 16 16-0289		<b>Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0288)</small> Note: With fuses and neutral bar (stainless steel).			
26 28 16 16-0290		<b>240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0289)</small>			
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		1,980.14	115.91
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,378.49	139.66
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		4,901.23	163.19
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		6,766.24	257.54
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		13,805.36	399.63
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		19,837.58	590.88
26 28 16 16-0297		<b>600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0289)</small>			
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,520.20	128.77
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,797.79	155.08
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		5,297.26	181.27
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		7,474.50	286.28
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		14,325.19	444.38
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		20,532.55	656.48
26 28 16 16-0304		<b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0289)</small>			
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,204.27	182.20
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,757.57	241.43
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		5,337.75	268.32
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		7,572.30	419.92
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		14,816.16	689.85
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		21,151.38	965.82
26 28 16 16-0311		<b>600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0289)</small>			
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,672.13	201.21
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		3,031.89	268.32
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		5,553.67	301.82
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		7,843.25	459.90
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		15,289.07	742.94
26 28 16 16-0317	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		21,749.31	1,073.15
26 28 16 16-0318		<b>240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0289)</small>			
26 28 16 16-0319	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....		2,649.14	182.20



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0320 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,313.71	241.43
26 28 16 16-0321 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,450.58	268.32
26 28 16 16-0322 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,094.04	419.92
26 28 16 16-0323 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	17,811.14	689.85
26 28 16 16-0324 EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	25,267.20	965.82
<b>26 28 16 16-0325 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small></b>		
26 28 16 16-0326 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,197.80	201.21
26 28 16 16-0327 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	3,627.99	268.32
26 28 16 16-0328 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,689.58	301.82
26 28 16 16-0329 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	9,377.71	459.90
26 28 16 16-0330 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	18,324.47	742.94
26 28 16 16-0331 EA 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	25,921.25	1,073.15
<b>26 28 16 16-0332 Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small></b>		
<b>26 28 16 16-0333 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small></b>		
26 28 16 16-0334 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,898.05	115.91
26 28 16 16-0335 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,302.34	161.22
26 28 16 16-0336 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,380.39	185.45
26 28 16 16-0337 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,062.27	296.24
26 28 16 16-0338 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	11,054.85	493.29
26 28 16 16-0339 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	15,846.80	672.01
<b>26 28 16 16-0340 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small></b>		
26 28 16 16-0341 EA 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,160.06	127.85
26 28 16 16-0342 EA 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,624.15	180.81
26 28 16 16-0343 EA 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,994.36	206.08
26 28 16 16-0344 EA 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,895.16	321.98
26 28 16 16-0345 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	12,566.43	529.91
26 28 16 16-0346 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	18,058.32	741.78
<b>26 28 16 16-0347 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small></b>		
26 28 16 16-0348 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	1,968.07	150.91
26 28 16 16-0349 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,368.26	210.02
26 28 16 16-0350 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	2,462.75	241.43
26 28 16 16-0351 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	4,782.16	386.30
26 28 16 16-0352 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	6,757.54	643.96
26 28 16 16-0353 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch .....	16,736.50	878.09

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

26 28 16 16-0354		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0355	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,237.33	166.55
26 28 16 16-0356	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,733.78	235.63
26 28 16 16-0357	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,118.84	268.32
26 28 16 16-0358	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,090.99	419.92
26 28 16 16-0359	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	14,216.39	689.85
26 28 16 16-0360	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,052.18	965.82
26 28 16 16-0361		240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0362	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,728.62	150.91
26 28 16 16-0363	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,260.33	210.02
26 28 16 16-0364	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,428.03	241.43
26 28 16 16-0365	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,324.28	386.30
26 28 16 16-0366		600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0367	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,106.53	166.55
26 28 16 16-0368	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,717.31	235.63
26 28 16 16-0369	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,473.84	268.32
26 28 16 16-0370	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,898.84	419.92
26 28 16 16-0371		Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>		
26 28 16 16-0372		600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>		
26 28 16 16-0373	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,609.71	201.09
26 28 16 16-0374	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,099.23	268.32
26 28 16 16-0375	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,439.55	301.93
26 28 16 16-0376	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,657.03	460.13
26 28 16 16-0377		600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0371)</small>		
26 28 16 16-0378	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,388.89	166.32
26 28 16 16-0379	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,867.35	235.87
26 28 16 16-0380	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,039.60	268.32
26 28 16 16-0381	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,547.05	420.15
26 28 16 16-0382		Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>		
26 28 16 16-0383		600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>		
26 28 16 16-0384	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,139.01	201.09
26 28 16 16-0385	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,691.50	268.32
26 28 16 16-0386	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,559.63	301.93



<b>Electrical</b>	<b>26</b>	
Low-Voltage Electrical Distribution	26 20	26
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 28 16 16-0387</b> <b>600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0382)</small>		
26 28 16 16-0388    EA    30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,889.70	166.32
26 28 16 16-0389    EA    60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,428.14	235.87
26 28 16 16-0390    EA    100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	8,114.69	268.32
<b>26 28 16 16-0391</b> <b>NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0001)</small> Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.		
<b>26 28 16 16-0392</b> <b>Heavy-Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0391)</small> Note: With fuses and neutral bar.		
26 28 16 16-0393    EA    30 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	3,244.76	231.81
26 28 16 16-0394    EA    60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	3,658.36	275.97
26 28 16 16-0395    EA    100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	4,054.85	311.55
26 28 16 16-0396    EA    200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	8,675.02	482.97
<b>26 28 16 16-0397</b> <b>Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0391)</small>		
26 28 16 16-0398    EA    60 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,482.31	275.97
26 28 16 16-0399    EA    100 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	2,909.51	311.55
26 28 16 16-0400    EA    200 Amperes, 240 Volt, 3 Phase, Heavy-Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	5,384.42	482.97
<b>26 28 16 16-0401</b> <b>NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0001)</small>		
<b>26 28 16 16-0402</b> <b>Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0401)</small> Note: With fuses and neutral bar.		
<b>26 28 16 16-0403</b> <b>240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0402)</small>		
26 28 16 16-0404    EA    30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	693.55	115.91
26 28 16 16-0405    EA    60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	910.34	139.66
26 28 16 16-0406    EA    100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,253.03	163.43
26 28 16 16-0407    EA    200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,120.47	257.30
26 28 16 16-0408    EA    400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	4,584.69	399.86
26 28 16 16-0409    EA    600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	8,329.56	591.11
<b>26 28 16 16-0410</b> <b>600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0402)</small>		
26 28 16 16-0411    EA    30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,110.14	128.66
26 28 16 16-0412    EA    60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,135.76	155.31
26 28 16 16-0413    EA    100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,652.70	181.39
26 28 16 16-0414    EA    200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,584.67	286.28
26 28 16 16-0415    EA    400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	5,710.90	443.91
26 28 16 16-0416    EA    600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	11,386.00	656.60
<b>26 28 16 16-0417</b> <b>240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches</b> <small>(26 28 16 16-0402)</small>		
26 28 16 16-0418    EA    30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	955.49	181.97
26 28 16 16-0419    EA    60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,327.95	241.66
26 28 16 16-0420    EA    100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,837.17	268.32
26 28 16 16-0421    EA    200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,722.25	420.15
26 28 16 16-0422    EA    400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	5,397.04	689.62



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0423 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	8,720.88	966.05
<b>26 28 16 16-0424 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small></b>		
26 28 16 16-0425 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,289.12	201.09
26 28 16 16-0426 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,443.71	268.32
26 28 16 16-0427 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,165.55	301.93
26 28 16 16-0428 EA 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	3,143.35	460.13
26 28 16 16-0429 EA 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	6,676.31	742.94
26 28 16 16-0430 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	12,690.81	1,073.27
<b>26 28 16 16-0431 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small></b>		
26 28 16 16-0432 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,026.07	181.97
26 28 16 16-0433 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,376.43	241.66
26 28 16 16-0434 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,989.35	268.32
26 28 16 16-0435 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,913.31	420.15
26 28 16 16-0436 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	5,908.60	689.62
26 28 16 16-0437 EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	9,066.47	966.05
<b>26 28 16 16-0438 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small></b>		
26 28 16 16-0439 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,370.94	201.09
26 28 16 16-0440 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,661.97	268.32
26 28 16 16-0441 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	2,315.62	301.93
26 28 16 16-0442 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	3,429.80	460.13
26 28 16 16-0443 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	7,140.10	742.94
26 28 16 16-0444 EA 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy-Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	13,072.74	1,073.27
<b>26 28 16 16-0445 Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small></b>		
<b>26 28 16 16-0446 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small></b>		
26 28 16 16-0447 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	727.90	167.48
26 28 16 16-0448 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	962.19	233.55
26 28 16 16-0449 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,287.46	268.32
26 28 16 16-0450 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,823.15	429.42
26 28 16 16-0451 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	4,074.63	715.70
26 28 16 16-0452 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	6,497.12	975.91
<b>26 28 16 16-0453 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small></b>		
26 28 16 16-0454 EA 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	811.87	184.87
26 28 16 16-0455 EA 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,068.77	261.95
26 28 16 16-0456 EA 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,435.19	297.87
26 28 16 16-0457 EA 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch .....	1,980.85	466.51





<b>Electrical</b>	<b>26</b>	<b>26</b>
Low-Voltage Electrical Distribution	26 20	
Low-Voltage Circuit Protective Devices	26 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0458 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,311.29	766.70
26 28 16 16-0459 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	7,178.74	1,073.27
<b>26 28 16 16-0460 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)</b>		
26 28 16 16-0461 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	936.75	150.68
26 28 16 16-0462 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,227.45	209.78
26 28 16 16-0463 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,651.06	241.66
26 28 16 16-0464 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,338.40	386.53
26 28 16 16-0465 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,000.23	643.85
26 28 16 16-0466 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	7,951.16	877.97
<b>26 28 16 16-0467 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)</b>		
26 28 16 16-0468 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	908.72	166.32
26 28 16 16-0469 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,323.72	235.87
26 28 16 16-0470 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,764.27	268.32
26 28 16 16-0471 EA 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,292.64	420.15
26 28 16 16-0472 EA 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,001.48	689.62
26 28 16 16-0473 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	9,502.46	966.05
<b>26 28 16 16-0474 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)</b>		
26 28 16 16-0475 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,138.65	150.68
26 28 16 16-0476 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,342.28	209.78
26 28 16 16-0477 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,121.46	241.66
26 28 16 16-0478 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,362.56	386.53
26 28 16 16-0479 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,172.62	492.59
<b>26 28 16 16-0480 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0445)</b>		
26 28 16 16-0481 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,178.81	166.32
26 28 16 16-0482 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,460.13	235.87
26 28 16 16-0483 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,262.17	268.32
26 28 16 16-0484 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,445.29	420.15
26 28 16 16-0485 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy-Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,512.22	649.06
<b>26 28 16 16-0486 Double Throw Safety Switches (26 28 16 16-0001)</b>		
<b>26 28 16 16-0487 NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0486)</b>		
<b>26 28 16 16-0488 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches (26 28 16 16-0487)</b>		
26 28 16 16-0489 EA 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	869.15	148.93
26 28 16 16-0490 EA 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,294.27	194.72
26 28 16 16-0491 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,822.96	254.41
26 28 16 16-0492 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,434.32	330.90
26 28 16 16-0493 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,028.63	413.78
26 28 16 16-0494 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	11,004.09	663.54

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 28 16 16-0495		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0496	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,088.44	208.62
26 28 16 16-0497	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,526.94	272.37
26 28 16 16-0498	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,320.35	356.40
26 28 16 16-0499	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,431.46	463.61
26 28 16 16-0500	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,303.69	579.52
26 28 16 16-0501	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	11,538.58	927.22
26 28 16 16-0502		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0503	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,452.88	260.78
26 28 16 16-0504	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,129.47	340.76
26 28 16 16-0505	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,843.53	445.07
26 28 16 16-0506	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,277.44	578.36
26 28 16 16-0507	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	10,814.44	724.39
26 28 16 16-0508	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	13,583.63	1,160.77
26 28 16 16-0509		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0510	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,506.96	194.72
26 28 16 16-0511	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,281.66	254.41
26 28 16 16-0512	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,381.06	330.90
26 28 16 16-0513	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,121.79	413.78
26 28 16 16-0514	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	11,983.73	663.54
26 28 16 16-0515		600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0516	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	1,662.08	272.37
26 28 16 16-0517	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,485.01	356.40
26 28 16 16-0518	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,645.39	463.61
26 28 16 16-0519	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,453.02	579.52
26 28 16 16-0520	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	12,512.87	927.22
26 28 16 16-0521		600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0522	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,262.47	340.76
26 28 16 16-0523	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,036.38	445.07
26 28 16 16-0524	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,674.86	578.36
26 28 16 16-0525	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	11,662.48	724.39
26 28 16 16-0526	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch .....	14,534.19	1,160.77
26 28 16 16-0527		NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>		
26 28 16 16-0528		240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0527)</small>		
26 28 16 16-0529	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,305.21	254.41
26 28 16 16-0530	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,394.33	330.90
26 28 16 16-0531	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	17,952.62	413.78
26 28 16 16-0532	EA	600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	30,941.15	663.54
26 28 16 16-0533		240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0527)</small>		
26 28 16 16-0534	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,011.89	355.82
26 28 16 16-0535	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,910.27	463.03
26 28 16 16-0536	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	18,445.22	579.52
26 28 16 16-0537	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	19,918.36	928.97
26 28 16 16-0538		240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0527)</small>		
26 28 16 16-0539	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,937.83	260.90
26 28 16 16-0540	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,635.75	340.53
26 28 16 16-0541	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,112.55	444.96
26 28 16 16-0542	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,420.21	578.59
26 28 16 16-0543	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	12,709.72	724.39
26 28 16 16-0544	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch .....	14,692.99	1,160.89
26 28 16 16-0545		600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0527)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0546 EA 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	1,964.08	194.72
26 28 16 16-0547 EA 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,007.26	254.41
26 28 16 16-0548 EA 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,530.55	330.90
26 28 16 16-0549 EA 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch....	10,736.26	413.78
26 28 16 16-0550 EA 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch... 14,300.24		663.54
<b>26 28 16 16-0551 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0527)</small>		
26 28 16 16-0552 EA 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,202.86	272.37
26 28 16 16-0553 EA 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,342.40	355.82
26 28 16 16-0554 EA 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,051.07	463.03
26 28 16 16-0555 EA 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch....	11,589.04	579.52
26 28 16 16-0556 EA 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch... 15,511.34		928.97
<b>26 28 16 16-0557 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0527)</small>		
26 28 16 16-0558 EA 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,666.59	340.53
26 28 16 16-0559 EA 100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	5,126.69	444.96
26 28 16 16-0560 EA 200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,616.60	578.59
26 28 16 16-0561 EA 400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch....	12,686.53	724.39
26 28 16 16-0562 EA 600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch... 14,820.80		1,160.89
<b>26 28 16 16-0563 NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0486)</small>		
<b>26 28 16 16-0564 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0565 EA 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,376.53	149.05
26 28 16 16-0566 EA 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,681.08	194.60
26 28 16 16-0567 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,019.20	254.29
26 28 16 16-0568 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,158.50	330.67
26 28 16 16-0569 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,856.76	413.89
26 28 16 16-0570 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ... 11,497.56		663.31
<b>26 28 16 16-0571 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0572 EA 30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	2,715.04	208.62
26 28 16 16-0573 EA 60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,200.62	272.37
26 28 16 16-0574 EA 100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,784.29	355.82
26 28 16 16-0575 EA 200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	5,290.37	463.03
26 28 16 16-0576 EA 400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	9,754.88	579.52
26 28 16 16-0577 EA 600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ... 12,820.86		928.97
<b>26 28 16 16-0578 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0579 EA 30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,078.24	260.90
26 28 16 16-0580 EA 60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,756.58	340.53
26 28 16 16-0581 EA 100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	6,530.73	444.96
26 28 16 16-0582 EA 200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	8,881.94	578.59
26 28 16 16-0583 EA 400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	16,590.23	724.39
26 28 16 16-0584 EA 600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ... 20,503.02		1,160.89
<b>26 28 16 16-0585 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0586 EA 60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,563.47	194.60
26 28 16 16-0587 EA 100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,726.05	254.29
26 28 16 16-0588 EA 200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,128.61	330.67
26 28 16 16-0589 EA 400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	10,314.05	413.89
26 28 16 16-0590 EA 600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ... 13,802.79		663.31
<b>26 28 16 16-0591 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0592 EA 60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	3,886.17	272.37
26 28 16 16-0593 EA 100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,098.89	355.82
26 28 16 16-0594 EA 200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	7,732.98	463.03
26 28 16 16-0595 EA 400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	11,144.19	579.52
26 28 16 16-0596 EA 600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ... 14,987.17		928.97
<b>26 28 16 16-0597 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches</b> <small>(26 28 16 16-0563)</small>		
26 28 16 16-0598 EA 60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	4,806.85	340.53

<b>26</b>	<b>Electrical</b>
<b>26 20</b>	<b>Low-Voltage Electrical Distribution</b>
<b>26 28</b>	<b>Low-Voltage Circuit Protective Devices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0599	EA		100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ....	6,901.55	444.96
26 28 16 16-0600	EA		200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch .....	9,100.50	578.59
26 28 16 16-0601	EA		400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	17,060.69	724.39
26 28 16 16-0602	EA		600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	21,126.60	1,160.89
<b>26 28 16 16-0603</b>			<b>Removal And Reinstallation Of Disconnect Switches</b> (26 28 16 16-0001)		
			Note: Includes storage and cleaning.		
26 28 16 16-0604	EA		Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch.....	579.52	
26 28 16 16-0605	EA		Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch .....	753.40	
26 28 16 16-0606	EA		Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch .....	840.37	
26 28 16 16-0607	EA		Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch .....	985.24	
<b>26 28 16 16-0608</b>			<b>Bolted Contact Switches</b> (26 28 16 16)		
			Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.		
<b>26 28 16 16-0609</b>			<b>Electrical Trip, Bolted Contact Switches</b> (26 28 16 16-0608)		
<b>26 28 16 16-0610</b>			<b>Top Feed, Electrical Trip, Bolted Contact Switches</b> (26 28 16 16-0609)		
26 28 16 16-0611	EA		800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480).....	10,141.12	1,159.04
26 28 16 16-0612	EA		1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480).....	10,940.38	1,390.85
26 28 16 16-0613	EA		1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480).....	11,875.19	1,622.65
26 28 16 16-0614	EA		2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480).....	12,500.16	1,854.46
26 28 16 16-0615	EA		2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480).....	14,119.17	2,086.26
26 28 16 16-0616	EA		3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480).....	17,790.75	2,318.07
26 28 16 16-0617	EA		4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480).....	24,075.35	2,781.68
<b>26 28 16 16-0618</b>			<b>Bottom Feed, Electrical Trip, Bolted Contact Switches</b> (26 28 16 16-0609)		
26 28 16 16-0619	EA		800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480).....	10,767.23	1,159.04
26 28 16 16-0620	EA		1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480).....	11,689.12	1,390.85
26 28 16 16-0621	EA		1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480).....	12,617.47	1,622.65
26 28 16 16-0622	EA		2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480).....	13,565.18	1,854.46
26 28 16 16-0623	EA		2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480).....	15,268.10	2,086.26
26 28 16 16-0624	EA		3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480).....	19,946.61	2,318.07
26 28 16 16-0625	EA		4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480).....	26,321.57	2,781.68
<b>26 28 16 16-0626</b>			<b>Manually Operated, Bolted Contact Switches</b> (26 28 16 16-0608)		
<b>26 28 16 16-0627</b>			<b>Top Feed, Manually Operated, Bolted Contact Switches</b> (26 28 16 16-0626)		
26 28 16 16-0628	EA		800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480).....	7,326.89	1,159.04
26 28 16 16-0629	EA		1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480).....	8,159.71	1,390.85
26 28 16 16-0630	EA		1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480).....	9,045.46	1,622.65
26 28 16 16-0631	EA		2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480).....	9,923.46	1,854.46
26 28 16 16-0632	EA		2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480).....	10,866.02	2,086.26
26 28 16 16-0633	EA		3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480).....	14,537.60	2,318.07
26 28 16 16-0634	EA		4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480).....	20,744.74	2,781.68
<b>26 28 16 16-0635</b>			<b>Bottom Feed, Manually Operated, Bolted Contact Switches</b> (26 28 16 16-0626)		
26 28 16 16-0636	EA		800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480).....	7,741.28	1,159.04
26 28 16 16-0637	EA		1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480).....	8,785.81	1,390.85
26 28 16 16-0638	EA		1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480).....	9,652.20	1,622.65
26 28 16 16-0639	EA		2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480).....	10,725.13	1,854.46
26 28 16 16-0640	EA		2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480).....	11,872.95	2,086.26
26 28 16 16-0641	EA		3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480).....	16,532.09	2,318.07
26 28 16 16-0642	EA		4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480).....	22,836.05	2,781.68

## 26 29 Low-Voltage Controllers (26 20)

### 26 29 13 Enclosed Controllers (26 29)

#### 26 29 13 13 Across-The-Line Motor Controllers (26 29 13)

##### 26 29 13 13-0001 Manual Motor Starters (26 29 13 13)

##### 26 29 13 13-0002 Fractional HP Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0003	EA		NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1).....	224.99	58.05
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	-3.02	
			For Oversized Enclosure, Add	30.38	
			For Pilot Light, Add	44.56	
26 29 13 13-0004	EA		NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2).....	294.76	75.46
			For Flush Cover Plate In Lieu Of NEMA 1, Deduct	-3.02	
			For Oversized Enclosure, Add	30.38	
			For Pilot Light, Add	44.56	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0005 EA NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3).....	255.37	58.05
<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.02	
<i>For Oversized Enclosure, Add</i>	30.38	
<i>For Pilot Light, Add</i>	44.56	
26 29 13 13-0006 EA NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4).....	325.15	75.46
<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.02	
<i>For Oversized Enclosure, Add</i>	30.38	
<i>For Pilot Light, Add</i>	44.56	
26 29 13 13-0007 EA NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5).....	238.15	58.05
<i>For Oversized Enclosure, Add</i>	30.38	
26 29 13 13-0008 EA NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6).....	311.98	75.46
<i>For Oversized Enclosure, Add</i>	30.38	
26 29 13 13-0009 EA NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1).....	485.17	69.66
<i>For Pilot Light, Add</i>	116.46	
26 29 13 13-0010 EA NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2).....	557.99	87.08
<i>For Pilot Light, Add</i>	116.46	
26 29 13 13-0011 EA NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1).....	515.55	69.66
26 29 13 13-0012 EA NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2).....	585.33	87.08
<b>26 29 13 13-0013 Non-Reversing Manual Motor Starters (26 29 13 13-0001)</b>		
26 29 13 13-0014 EA NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1).....	180.60	58.05
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0015 EA NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2).....	296.54	75.46
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0016 EA NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5).....	203.93	63.86
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0017 EA NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6).....	320.84	81.27
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0018 EA NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3).....	208.94	58.05
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0019 EA NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4).....	325.86	75.46
Note: NEMA 1 or flush cover plate installation.		
<i>For Oversize Enclosure, Add</i>	14.66	
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0020 EA NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1).....	446.16	69.66
<i>For Pilot Light, Add</i>	111.40	
26 29 13 13-0021 EA NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2).....	551.34	87.08
<i>For Pilot Light, Add</i>	111.40	
26 29 13 13-0022 EA NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5).....	470.48	75.46
<i>For Pilot Light, Add</i>	111.40	
26 29 13 13-0023 EA NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6).....	572.74	92.88
<i>For Pilot Light, Add</i>	111.40	
26 29 13 13-0024 EA NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1).....	473.52	69.66
26 29 13 13-0025 EA NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2).....	586.52	87.08
26 29 13 13-0026 EA Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1).....	132.08	40.63
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0027 EA Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2).....	248.03	58.05
<i>For Pilot Light, Add</i>	70.36	
26 29 13 13-0028 EA Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5).....	155.42	46.44
<i>For Pilot Light, Add</i>	70.36	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0029	EA		Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6).....	271.36	63.86
			<i>For Pilot Light, Add</i>	70.36	
<b>26 29 13 13-0030</b>			<b>Reversing Manual Motor Starters</b> (26 29 13 13-0001)		
26 29 13 13-0031	EA		NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11).....	489.43	104.49
			<i>For Pilot Light, Add</i>	113.35	
26 29 13 13-0032	EA		NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22).....	709.59	139.32
			<i>For Pilot Light, Add</i>	113.35	
<b>26 29 13 13-0033</b>			<b>Two Speed Manual Motor Starters</b> (26 29 13 13-0001)		
26 29 13 13-0034	EA		NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11).....	489.43	104.49
26 29 13 13-0035	EA		NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22).....	709.59	139.32
<b>26 29 13 13-0036</b>			<b>Non-Reversing Integral HP Manual Motor Starters</b> (26 29 13 13-0001)		
26 29 13 13-0037	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1).....	450.24	69.66
26 29 13 13-0038	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1).....	450.24	69.66
26 29 13 13-0039	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11).....	935.26	81.27
26 29 13 13-0040	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1).....	935.26	81.27
26 29 13 13-0041	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1).....	1,222.87	81.27
26 29 13 13-0042	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1).....	573.72	81.27
26 29 13 13-0043	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1).....	385.03	52.25
26 29 13 13-0044	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	534.78	75.46
26 29 13 13-0045	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1).....	534.78	75.46
26 29 13 13-0046	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11).....	1,120.05	87.08
26 29 13 13-0047	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1).....	1,120.05	87.08
26 29 13 13-0048	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1).....	1,429.94	87.08
26 29 13 13-0049	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	658.25	87.08
26 29 13 13-0050	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1).....	469.57	58.05
26 29 13 13-0051	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2).....	703.35	81.27
26 29 13 13-0052	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2).....	703.35	81.27
26 29 13 13-0053	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12).....	1,332.19	92.88
26 29 13 13-0054	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2).....	1,332.19	92.88
26 29 13 13-0055	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2).....	1,628.91	92.88
26 29 13 13-0056	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2).....	829.88	92.88
26 29 13 13-0057	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2).....	641.18	63.86
26 29 13 13-0058	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2).....	557.49	87.08
26 29 13 13-0059	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2).....	557.49	87.08
26 29 13 13-0060	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12).....	1,042.51	98.69
26 29 13 13-0061	EA		NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2).....	1,042.51	98.69
26 29 13 13-0062	EA		NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2).....	1,338.22	98.69
26 29 13 13-0063	EA		Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2).....	681.98	98.69
26 29 13 13-0064	EA		Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2).....	495.32	69.66
26 29 13 13-0065	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3).....	642.03	92.88
26 29 13 13-0066	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3).....	642.03	92.88
26 29 13 13-0067	EA		NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13).....	1,227.30	104.49



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0068 EA NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3).....	1,227.30	104.49
26 29 13 13-0069 EA NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3).....	1,544.28	104.49
26 29 13 13-0070 EA Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3) .....	765.50	104.49
26 29 13 13-0071 EA Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3) .....	576.82	75.46
<b>26 29 13 13-0072 Reversing Integral HP Manual Motor Starters</b> <small>(26 29 13 13-0001)</small>		
26 29 13 13-0073 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1) .....	1,305.67	121.91
26 29 13 13-0074 EA NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1) .....	1,305.67	121.91
26 29 13 13-0075 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1) .....	1,149.93	87.08
26 29 13 13-0076 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1) .....	1,544.60	133.52
26 29 13 13-0077 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1) .....	1,388.86	98.69
<b>26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters</b> <small>(26 29 13 13-0001)</small>		
26 29 13 13-0079 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1) .....	1,305.67	121.91
26 29 13 13-0080 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1) .....	1,149.93	87.08
26 29 13 13-0081 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1) .....	1,544.60	133.52
26 29 13 13-0082 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1) .....	1,388.86	98.69
<b>26 29 13 13-0083 Magnetic Motor Starters</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0084 Non-Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0083)</small>		
<b>26 29 13 13-0085 Open Enclosure, Non-Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
26 29 13 13-0086 EA Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11).....	522.85	116.11
<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0087 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12).....	588.61	127.71
<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0088 EA Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5).....	565.38	116.11
<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0089 EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1).....	632.16	127.71
<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0090 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2).....	697.92	139.32
<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0091 EA Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3).....	882.01	174.15
<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0092 EA Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4).....	1,110.67	208.98
<i>For Factory Installed Accessory, Deduct</i>	-417.97	
26 29 13 13-0093 EA Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5).....	659.50	127.71
<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0094 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1) .....	725.26	139.32
<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0095 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2) .....	793.03	150.94
<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0096 EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3) .....	1,012.97	203.18
<i>For Factory Installed Accessory, Deduct</i>	-406.35	
26 29 13 13-0097 EA Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4) .....	1,240.62	238.01
<i>For Factory Installed Accessory, Deduct</i>	-476.02	
26 29 13 13-0098 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1).....	1,116.17	139.32
<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0099 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2).....	1,241.53	174.15
<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0100 EA Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3).....	1,617.89	232.20
<i>For Factory Installed Accessory, Deduct</i>	-464.40	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0101	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1).....	1,674.97	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0102	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2).....	1,907.52	232.20
			<i>For Factory Installed Accessory, Deduct</i>	-464.40	
26 29 13 13-0103	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3).....	2,426.70	290.25
			<i>For Factory Installed Accessory, Deduct</i>	-580.51	
26 29 13 13-0104	EA		Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4).....	3,466.40	348.31
			<i>For Factory Installed Accessory, Deduct</i>	-696.61	
26 29 13 13-0105	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1).....	3,782.73	290.25
			<i>For Factory Installed Accessory, Deduct</i>	-580.51	
26 29 13 13-0106	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2).....	4,159.10	348.31
			<i>For Factory Installed Accessory, Deduct</i>	-696.61	
26 29 13 13-0107	EA		Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3).....	5,630.21	406.35
			<i>For Factory Installed Accessory, Deduct</i>	-812.71	
26 29 13 13-0108	EA		Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1).....	7,635.76	348.31
			<i>For Factory Installed Accessory, Deduct</i>	-696.61	
26 29 13 13-0109	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2).....	8,474.58	464.40
			<i>For Factory Installed Accessory, Deduct</i>	-928.81	
26 29 13 13-0110	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2).....	21,990.91	696.61
			<i>For Factory Installed Accessory, Deduct</i>	-1,393.22	
26 29 13 13-0111	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2).....	31,487.04	1,044.91
			<i>For Factory Installed Accessory, Deduct</i>	-2,089.83	
<b>26 29 13 13-0112</b>			<b>NEMA 1, Non-Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
26 29 13 13-0113	EA		Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11).....	554.24	116.11
			<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0114	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12).....	620.01	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0115	EA		Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5).....	596.78	116.11
			<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0116	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1).....	664.57	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0117	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2).....	730.32	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0118	EA		Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3).....	916.45	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0119	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4).....	1,146.11	208.98
			<i>For Factory Installed Accessory, Deduct</i>	-417.97	
26 29 13 13-0120	EA		Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5).....	692.92	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0121	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1).....	760.70	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0122	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2).....	826.45	150.94
			<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0123	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3).....	1,047.40	203.18
			<i>For Factory Installed Accessory, Deduct</i>	-406.35	
26 29 13 13-0124	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4).....	1,274.04	238.01
			<i>For Factory Installed Accessory, Deduct</i>	-476.02	
26 29 13 13-0125	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1).....	1,266.05	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0126	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2).....	1,392.42	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0127	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3).....	1,767.77	232.20
			<i>For Factory Installed Accessory, Deduct</i>	-464.40	
26 29 13 13-0128	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1).....	1,969.67	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0129 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2).....	2,201.21	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0130 EA Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3).....	2,721.40	290.25
<i>For Factory Installed Accessory, Deduct</i>	<i>-580.51</i>	
26 29 13 13-0131 EA Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1).....	4,393.40	290.25
<i>For Factory Installed Accessory, Deduct</i>	<i>-580.51</i>	
26 29 13 13-0132 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2).....	4,769.77	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
26 29 13 13-0133 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2).....	9,587.56	464.40
<i>For Factory Installed Accessory, Deduct</i>	<i>-928.81</i>	
26 29 13 13-0134 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2).....	26,885.38	696.61
<i>For Factory Installed Accessory, Deduct</i>	<i>-1,393.22</i>	
26 29 13 13-0135 EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJJ2).....	36,395.69	1,044.91
<i>For Factory Installed Accessory, Deduct</i>	<i>-2,089.83</i>	
<b>26 29 13 13-0136 NEMA 12, Non-Reversing, Magnetic Contactors (26 29 13 13-0084)</b>		
26 29 13 13-0137 EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1).....	837.74	127.71
<i>For Factory Installed Accessory, Deduct</i>	<i>-255.43</i>	
26 29 13 13-0138 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2).....	903.50	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0139 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2).....	999.62	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0140 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1).....	1,582.02	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0141 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2).....	1,709.40	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0142 EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1).....	2,344.38	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0143 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2).....	2,574.91	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0144 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2).....	6,010.35	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
26 29 13 13-0145 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2).....	12,762.43	464.40
<i>For Factory Installed Accessory, Deduct</i>	<i>-928.81</i>	
26 29 13 13-0146 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2).....	30,778.27	696.61
<i>For Factory Installed Accessory, Deduct</i>	<i>-1,393.22</i>	
<b>26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors (26 29 13 13-0084)</b>		
Note: Brushed stainless steel enclosure.		
26 29 13 13-0148 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12).....	1,235.67	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0149 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11).....	1,280.23	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0150 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12).....	1,345.97	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0151 EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13).....	1,566.93	203.18
<i>For Factory Installed Accessory, Deduct</i>	<i>-406.35</i>	
26 29 13 13-0152 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12).....	2,431.47	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0153 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12).....	3,671.68	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0154 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12).....	7,280.30	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
26 29 13 13-0155 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12).....	12,762.43	464.40
<i>For Factory Installed Accessory, Deduct</i>	<i>-928.81</i>	
26 29 13 13-0156 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2).....	34,095.94	696.61
<i>For Factory Installed Accessory, Deduct</i>	<i>-1,393.22</i>	



**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0157			<b>NEMA 7/9, Non-Reversing, Magnetic Contactors</b> <small>(26 29 13 13-0084)</small>		
			Note: Bolted cast iron enclosure.		
26 29 13 13-0158	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2) .....	2,467.85	185.77
			<i>For Factory Installed Accessory, Deduct</i>	-371.52	
26 29 13 13-0159			<b>Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0083)</small>		
26 29 13 13-0160			<b>Open Enclosure, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13 13-0161	EA		Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11) .....	623.11	116.11
			<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0162	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12) .....	646.34	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0163	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1) .....	695.96	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0164	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2) .....	769.82	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0165	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4) .....	1,237.26	208.98
			<i>For Factory Installed Accessory, Deduct</i>	-417.97	
26 29 13 13-0166	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1) .....	792.10	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0167	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3) .....	929.75	150.94
			<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0168	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2) .....	972.28	150.94
			<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0169	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6) .....	1,208.33	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0170	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1) .....	1,372.17	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13 13-0171	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1) .....	2,123.23	232.20
			<i>For Factory Installed Accessory, Deduct</i>	-464.40	
26 29 13 13-0172	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1) .....	4,491.27	348.31
			<i>For Factory Installed Accessory, Deduct</i>	-696.61	
26 29 13 13-0173	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1) .....	10,197.21	464.40
			<i>For Factory Installed Accessory, Deduct</i>	-928.81	
26 29 13 13-0174	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2) .....	23,425.93	696.61
			<i>For Factory Installed Accessory, Deduct</i>	-1,393.22	
26 29 13 13-0175	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2) .....	33,747.43	1,044.91
			<i>For Factory Installed Accessory, Deduct</i>	-2,089.83	
26 29 13 13-0176			<b>NEMA 1, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13 13-0177	EA		Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11) .....	656.53	116.11
			<i>For Factory Installed Accessory, Deduct</i>	-232.20	
26 29 13 13-0178	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12) .....	679.76	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0179	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1) .....	729.38	127.71
			<i>For Factory Installed Accessory, Deduct</i>	-255.43	
26 29 13 13-0180	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2) .....	803.24	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0181	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1) .....	824.51	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	
26 29 13 13-0182	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3) .....	899.36	150.94
			<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0183	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2) .....	1,006.71	150.94
			<i>For Factory Installed Accessory, Deduct</i>	-301.86	
26 29 13 13-0184	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6) .....	1,359.22	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0185 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1).....	1,523.06	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0186 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1).....	2,417.94	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0187 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1).....	5,101.94	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
26 29 13 13-0188 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1).....	11,313.23	464.40
<i>For Factory Installed Accessory, Deduct</i>	<i>-928.81</i>	
<b>26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13 13-0190 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1).....	902.56	127.71
<i>For Factory Installed Accessory, Deduct</i>	<i>-255.43</i>	
26 29 13 13-0191 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2).....	976.41	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0192 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1).....	997.68	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0193 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3).....	1,072.54	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0194 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2).....	1,179.89	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0195 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6).....	1,676.20	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0196 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1).....	1,839.03	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0197 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1).....	2,791.63	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0198 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1).....	6,341.51	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
26 29 13 13-0199 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1).....	14,485.07	464.40
<i>For Factory Installed Accessory, Deduct</i>	<i>-928.81</i>	
26 29 13 13-0200 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2).....	34,536.47	696.61
<i>For Factory Installed Accessory, Deduct</i>	<i>-1,393.22</i>	
<b>26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
26 29 13 13-0202 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1).....	902.56	127.71
<i>For Factory Installed Accessory, Deduct</i>	<i>-255.43</i>	
26 29 13 13-0203 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2).....	976.41	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0204 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1).....	997.68	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0205 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3).....	1,072.54	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0206 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2).....	1,179.89	150.94
<i>For Factory Installed Accessory, Deduct</i>	<i>-301.86</i>	
26 29 13 13-0207 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6).....	1,676.20	139.32
<i>For Factory Installed Accessory, Deduct</i>	<i>-278.65</i>	
26 29 13 13-0208 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1).....	1,839.03	174.15
<i>For Factory Installed Accessory, Deduct</i>	<i>-348.31</i>	
26 29 13 13-0209 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1).....	2,791.63	232.20
<i>For Factory Installed Accessory, Deduct</i>	<i>-464.40</i>	
26 29 13 13-0210 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1).....	6,341.51	348.31
<i>For Factory Installed Accessory, Deduct</i>	<i>-696.61</i>	
<b>26 29 13 13-0211 NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
Note: Bolted cast aluminum enclosure.		
26 29 13 13-0212 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4).....	2,572.09	197.37
<i>For Factory Installed Accessory, Deduct</i>	<i>-394.74</i>	

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0213	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1) .....	3,161.49	197.37
			<i>For Factory Installed Accessory, Deduct</i> .....	-394.74	
26 29 13 13-0214	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3).....	3,257.63	208.98
			<i>For Factory Installed Accessory, Deduct</i> .....	-417.97	
26 29 13 13-0215	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1).....	5,048.98	232.20
			<i>For Factory Installed Accessory, Deduct</i> .....	-464.40	
26 29 13 13-0216	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43).....	6,088.69	290.25
			<i>For Factory Installed Accessory, Deduct</i> .....	-560.51	
26 29 13 13-0217	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41).....	9,702.36	406.35
			<i>For Factory Installed Accessory, Deduct</i> .....	-812.71	
<b>26 29 13 13-0218</b>			<b>NEMA 4/4X, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
			Note: Brushed stainless steel enclosure.		
26 29 13 13-0219	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11).....	1,233.72	127.71
			<i>For Factory Installed Accessory, Deduct</i> .....	-255.43	
26 29 13 13-0220	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12).....	1,308.59	139.32
			<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0221	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11).....	1,344.03	139.32
			<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0222	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13).....	1,418.89	150.94
			<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0223	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12).....	1,526.24	150.94
			<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0224	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16).....	2,396.25	139.32
			<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0225	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11).....	3,887.39	232.20
			<i>For Factory Installed Accessory, Deduct</i> .....	-464.40	
26 29 13 13-0226	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11).....	7,610.44	348.31
			<i>For Factory Installed Accessory, Deduct</i> .....	-696.61	
26 29 13 13-0227	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11).....	16,924.71	464.40
			<i>For Factory Installed Accessory, Deduct</i> .....	-928.81	
<b>26 29 13 13-0228</b>			<b>NEMA 4X, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
			Note: Glass polyester enclosure.		
26 29 13 13-0229	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21).....	2,562.11	174.15
			<i>For Factory Installed Accessory, Deduct</i> .....	-348.31	
26 29 13 13-0230	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21).....	4,744.15	232.20
			<i>For Factory Installed Accessory, Deduct</i> .....	-464.40	
26 29 13 13-0231	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21).....	9,340.17	348.31
			<i>For Factory Installed Accessory, Deduct</i> .....	-696.61	
<b>26 29 13 13-0232</b>			<b>NEMA 7/9, Non-Reversing, Magnetic Starters</b> <small>(26 29 13 13-0159)</small>		
			Note: Bolted cast iron enclosure.		
26 29 13 13-0233	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1).....	2,489.12	185.77
			<i>For Factory Installed Accessory, Deduct</i> .....	-371.52	
26 29 13 13-0234	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2).....	2,572.09	197.37
			<i>For Factory Installed Accessory, Deduct</i> .....	-394.74	
26 29 13 13-0235	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1).....	2,608.54	197.37
			<i>For Factory Installed Accessory, Deduct</i> .....	-394.74	
26 29 13 13-0236	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3).....	2,687.47	208.98
			<i>For Factory Installed Accessory, Deduct</i> .....	-417.97	
26 29 13 13-0237	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2).....	2,811.03	208.98
			<i>For Factory Installed Accessory, Deduct</i> .....	-417.97	
26 29 13 13-0238	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1).....	4,133.48	232.20
			<i>For Factory Installed Accessory, Deduct</i> .....	-464.40	
<b>26 29 13 13-0239</b>			<b>Reversing, Magnetic Starters</b> <small>(26 29 13 13-0083)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 29 13 13-0240</b> <b>Open Enclosure, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		
26 29 13 13-0241    EA    Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13) .....	1,175.84	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-301.86</del>	
26 29 13 13-0242    EA    Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16) .....	1,239.64	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-301.86</del>	
26 29 13 13-0243    EA    Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1) .....	1,372.23	162.54
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-325.08</del>	
26 29 13 13-0244    EA    Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2) .....	1,423.82	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-348.31</del>	
26 29 13 13-0245    EA    Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10) .....	1,459.26	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-348.31</del>	
26 29 13 13-0246    EA    Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2) .....	1,561.46	185.77
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-371.52</del>	
26 29 13 13-0247    EA    Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3) .....	1,626.68	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-406.35</del>	
26 29 13 13-0248    EA    Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7) .....	1,663.13	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-406.35</del>	
26 29 13 13-0249    EA    Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1) .....	2,843.28	232.20
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-464.40</del>	
26 29 13 13-0250    EA    Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1) .....	4,648.24	348.31
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-696.61</del>	
26 29 13 13-0251    EA    Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1) .....	10,696.12	522.46
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-1,044.91</del>	
26 29 13 13-0252    EA    Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1) .....	19,935.09	696.61
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-1,393.22</del>	
26 29 13 13-0253    EA    Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1) .....	64,583.27	1,277.12
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-2,554.23</del>	
<b>26 29 13 13-0254</b> <b>NEMA 1, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		
26 29 13 13-0255    EA    Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13) .....	1,213.39	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-278.65</del>	
26 29 13 13-0256    EA    Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15) .....	1,266.98	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-301.86</del>	
26 29 13 13-0257    EA    Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16) .....	1,303.44	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-301.86</del>	
26 29 13 13-0258    EA    Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1) .....	1,432.99	162.54
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-325.08</del>	
26 29 13 13-0259    EA    Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2) .....	1,486.61	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-348.31</del>	
26 29 13 13-0260    EA    Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4) .....	1,523.06	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-348.31</del>	
26 29 13 13-0261    EA    Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2) .....	1,652.61	185.77
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-371.52</del>	
26 29 13 13-0262    EA    Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6) .....	1,717.82	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-406.35</del>	
26 29 13 13-0263    EA    Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8) .....	1,754.28	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-406.35</del>	
26 29 13 13-0264    EA    Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2) .....	3,080.25	232.20
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-464.40</del>	
26 29 13 13-0265    EA    Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2) .....	5,058.39	348.31
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-696.61</del>	
26 29 13 13-0266    EA    Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3) .....	11,449.59	522.46
<i>For Factory Installed Accessory, Deduct</i> .....	<del>-1,044.91</del>	
<b>26 29 13 13-0267</b> <b>NEMA 12, Reversing, Magnetic Starters</b> <small>(26 29 13 13-0239)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13	13-0268	EA	Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2).....	1,745.86	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13	13-0269	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4).....	1,782.32	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13	13-0270	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4).....	2,013.54	203.18
			<i>For Factory Installed Accessory, Deduct</i>	-406.35	
26 29 13	13-0271	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1).....	3,513.70	232.20
			<i>For Factory Installed Accessory, Deduct</i>	-464.40	
26 29 13	13-0272		<b>NEMA 4X, Reversing, Magnetic Starters</b> (26 29 13 13-0239) Note: Brushed stainless steel enclosure.		
26 29 13	13-0273	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14).....	2,185.38	174.15
			<i>For Factory Installed Accessory, Deduct</i>	-348.31	
26 29 13	13-0274	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11).....	2,576.21	185.77
			<i>For Factory Installed Accessory, Deduct</i>	-371.52	
26 29 13	13-0275		<b>Magnetic Contactor/Starters Accessories</b> (26 29 13 13-0083)		
26 29 13	13-0276	EA	NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2).....	162.99	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0277	EA	NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3).....	277.32	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0278	EA	NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2).....	162.99	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0279	EA	NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8).....	277.32	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0280	EA	NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R).....	277.32	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0281	EA	Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11).....	137.55	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0282	EA	External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6).....	122.54	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0283	EA	External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8).....	162.99	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0284	EA	External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13).....	137.55	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0285	EA	External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15).....	183.78	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0286	EA	30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6).....	205.69	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0287	EA	45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11).....	354.66	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0288	EA	60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21).....	376.61	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0289	EA	30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8).....	450.55	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0290	EA	45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13).....	786.61	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0291	EA	60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23).....	786.61	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0292	EA	Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1).....	47.57	8.71
			<i>For Factory Installed Accessory, Deduct</i>	-17.42	
26 29 13	13-0293	EA	1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3).....	97.13	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0294	EA	2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4).....	128.35	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0295	EA	Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1).....	100.63	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0296	EA	Terminal Block, Contactor/Starter Accessory (Square D 9999T7).....	55.89	8.71
			<i>For Factory Installed Accessory, Deduct</i>	-17.42	
26 29 13	13-0297	EA	Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1).....	33.94	8.71
			<i>For Factory Installed Accessory, Deduct</i>	-17.42	
26 29 13	13-0298	EA	1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39).....	179.13	11.61
			<i>For Factory Installed Accessory, Deduct</i>	-23.22	
26 29 13	13-0299	EA	2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40).....	309.66	14.51
			<i>For Factory Installed Accessory, Deduct</i>	-29.03	
26 29 13	13-0300		<b>Definite Purpose Starters</b> (26 29 13 13)		
26 29 13	13-0301		<b>Open Enclosure, Definite Purpose Starter</b> (26 29 13 13-0300)		
26 29 13	13-0302	EA	Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13).....	579.43	139.32
			<i>For Factory Installed Accessory, Deduct</i>	-278.65	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0303 EA Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22) .....	578.41	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0304 EA Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23) .....	625.93	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0305 EA Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32) .....	615.89	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0306 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33) .....	669.48	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0307 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42) .....	648.29	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0308 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43) .....	752.38	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	-348.31	
26 29 13 13-0309 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52) .....	836.44	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	-348.31	
26 29 13 13-0310 EA Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53) .....	1,052.46	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	-406.35	
<b>26 29 13 13-0311 NEMA 1, Definite Purpose Starter</b> <small>(26 29 13 13-0300)</small>		
26 29 13 13-0312 EA NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12) .....	591.65	127.71
<i>For Factory Installed Accessory, Deduct</i> .....	-255.43	
26 29 13 13-0313 EA NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13) .....	639.18	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0314 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22) .....	637.15	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0315 EA NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23) .....	687.71	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0316 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32) .....	675.64	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0317 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33) .....	730.24	150.94
<i>For Factory Installed Accessory, Deduct</i> .....	-301.86	
26 29 13 13-0318 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42) .....	710.07	139.32
<i>For Factory Installed Accessory, Deduct</i> .....	-278.65	
26 29 13 13-0319 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) .....	813.15	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	-348.31	
26 29 13 13-0320 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) .....	894.17	174.15
<i>For Factory Installed Accessory, Deduct</i> .....	-348.31	
26 29 13 13-0321 EA NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) .....	1,111.20	203.18
<i>For Factory Installed Accessory, Deduct</i> .....	-406.35	
<b>26 29 13 13-0322 Definite Purpose Starter Accessory</b> <small>(26 29 13 13-0300)</small>		
26 29 13 13-0323 EA Start-Stop Push Button Kit, Definite Purpose Starter Accessory .....	183.78	14.51
Note: Or Hand-Off-Auto Selector Switch Kit		
<i>For Factory Installed Accessory, Deduct</i> .....	-29.03	
<b>26 29 13 13-0324 Panel Mounted Miniature Contactor</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0325 Non-Reversing, Panel Mounted Miniature Contactor</b> <small>(26 29 13 13-0324)</small>		
26 29 13 13-0326 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) .....	173.83	58.05
26 29 13 13-0327 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) .....	203.66	63.86
26 29 13 13-0328 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) .....	203.66	63.86
26 29 13 13-0329 EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) .....	226.41	69.66
26 29 13 13-0330 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, DC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LP1K) .....	192.06	58.05







MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0359 EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K) .....	416.80	69.66
<b>26 29 13 13-0360 Panel Mounted Miniature Contactor Accessories</b> <small>(26 29 13 13-0324)</small>		
26 29 13 13-0361 EA 2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02) .....	73.95	29.03
26 29 13 13-0362 EA 4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40) .....	81.77	29.03
26 29 13 13-0363 EA Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U).....	95.93	29.03
26 29 13 13-0364 EA Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301).....	124.09	29.03
<b>26 29 13 13-0365 Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0366 NEMA 1 Enclosure</b> <small>(26 29 13 13-0365)</small>		
26 29 13 13-0367 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	7,219.93	556.34
<i>For NEMA 4, Add</i>	<i>760.45</i>	
26 29 13 13-0368 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	12,598.10	741.78
<i>For NEMA 4, Add</i>	<i>1,389.02</i>	
26 29 13 13-0369 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	22,037.50	880.87
<i>For NEMA 4, Add</i>	<i>2,535.17</i>	
26 29 13 13-0370 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	53,699.43	1,077.90
<i>For NEMA 4, Add</i>	<i>6,444.13</i>	
26 29 13 13-0371 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing .....	85,660.88	1,379.25
<i>For NEMA 4, Add</i>	<i>10,362.66</i>	
<b>26 29 13 13-0372 NEMA 12 Enclosure</b> <small>(26 29 13 13-0365)</small>		
26 29 13 13-0373 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	7,169.26	568.16
26 29 13 13-0374 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	12,505.55	742.94
26 29 13 13-0375 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	21,868.57	878.09
26 29 13 13-0376 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	53,270.03	1,073.15
26 29 13 13-0377 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing .....	84,970.37	1,379.83
<b>26 29 13 13-0378 Factory Modifications Pilot Devices</b> <small>(26 29 13 13-0365)</small>		
26 29 13 13-0379 EA Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	179.16	
26 29 13 13-0380 EA H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	197.60	
26 29 13 13-0381 EA Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	336.35	
26 29 13 13-0382 EA Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	182.75	
26 29 13 13-0383 EA Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	262.77	
26 29 13 13-0384 EA Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device .....	131.39	
26 29 13 13-0385 EA Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device .....	428.84	
<b>26 29 13 13-0386 Factory Modifications Meters</b> <small>(26 29 13 13-0365)</small>		
26 29 13 13-0387 EA Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	1,723.80	
26 29 13 13-0388 EA Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	1,664.95	
26 29 13 13-0389 EA Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	588.61	
26 29 13 13-0390 EA Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter .....	487.73	
<b>26 29 13 13-0391 Factory Modifications Main Circuit Breakers</b> <small>(26 29 13 13-0365)</small>		
26 29 13 13-0392 EA Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker .....	2,278.25	
26 29 13 13-0393 EA Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker .....	4,166.64	
26 29 13 13-0394 EA Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker .....	8,862.86	
<b>26 29 13 13-0395 Factory Modifications Addition</b> <small>(26 29 13 13-0365)</small>		
<i>Note: For reversing service auto transformer type.</i>		
26 29 13 13-0396 EA Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	382.62	
26 29 13 13-0397 EA Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	382.62	
26 29 13 13-0398 EA Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	382.62	
26 29 13 13-0399 EA Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase .....	382.62	
<b>26 29 13 13-0400 Combination Starters Non-Reversing</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0401 240-600 Volt, 3-Pole</b> <small>(26 29 13 13-0400)</small>		

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0402			<b>NEMA 1 With Disconnect Switch</b> (26 29 13 13-0401)		
26 29 13 13-0403	EA		Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,427.10	266.58
			<i>For Electronic Overloads, Add</i>	169.20	
26 29 13 13-0404	EA		Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,779.32	417.25
			<i>For Electronic Overloads, Add</i>	178.49	
26 29 13 13-0405	EA		Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,453.31	486.80
			<i>For Electronic Overloads, Add</i>	282.62	
26 29 13 13-0406	EA		Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,683.15	602.70
			<i>For Electronic Overloads, Add</i>	470.41	
26 29 13 13-0407	EA		Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	6,707.22	962.00
			<i>For Electronic Overloads, Add</i>	907.34	
26 29 13 13-0408	EA		Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	13,136.67	1,205.40
			<i>For Electronic Overloads, Add</i>	2,037.18	
26 29 13 13-0409			<b>NEMA 1 With Circuit Breaker</b> (26 29 13 13-0401)		
26 29 13 13-0410	EA		Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,779.39	266.58
			<i>For Electronic Overloads, Add</i>	236.13	
26 29 13 13-0411	EA		Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,131.61	417.25
			<i>For Electronic Overloads, Add</i>	245.43	
26 29 13 13-0412	EA		Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,795.81	486.80
			<i>For Electronic Overloads, Add</i>	347.69	
26 29 13 13-0413	EA		Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,869.08	602.70
			<i>For Electronic Overloads, Add</i>	505.73	
26 29 13 13-0414	EA		Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	7,773.87	962.00
			<i>For Electronic Overloads, Add</i>	1,110.01	
26 29 13 13-0415	EA		Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	15,964.78	1,205.40
			<i>For Electronic Overloads, Add</i>	2,574.52	
26 29 13 13-0416			<b>Factory Modifications For NEMA 1 Enclosure</b> (26 29 13 13-0401)		
26 29 13 13-0417	EA		Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	160.43	
26 29 13 13-0418	EA		H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	376.81	
26 29 13 13-0419	EA		Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt .....	260.06	
26 29 13 13-0420			<b>NEMA 4 With Disconnect Switch</b> (26 29 13 13-0401)		
26 29 13 13-0421	EA		Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,545.40	347.71
			<i>For Electronic Overloads, Add</i>	347.69	
26 29 13 13-0422	EA		Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,844.74	486.80
			<i>For Electronic Overloads, Add</i>	356.99	
26 29 13 13-0423	EA		Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,008.93	533.15
			<i>For Electronic Overloads, Add</i>	557.79	
26 29 13 13-0424	EA		Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	6,288.38	649.06
			<i>For Electronic Overloads, Add</i>	950.11	
26 29 13 13-0425	EA		Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	9,936.54	962.00
			<i>For Electronic Overloads, Add</i>	1,520.91	
26 29 13 13-0426	EA		Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	21,376.34	1,205.40
			<i>For Electronic Overloads, Add</i>	3,602.72	
26 29 13 13-0427			<b>NEMA 4 With Circuit Breaker</b> (26 29 13 13-0401)		
26 29 13 13-0428	EA		Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,897.69	347.71
			<i>For Electronic Overloads, Add</i>	414.63	
26 29 13 13-0429	EA		Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,197.03	486.80
			<i>For Electronic Overloads, Add</i>	423.92	
26 29 13 13-0430	EA		Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,351.43	533.15
			<i>For Electronic Overloads, Add</i>	622.87	
26 29 13 13-0431	EA		Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	6,474.31	649.06
			<i>For Electronic Overloads, Add</i>	985.43	
26 29 13 13-0432	EA		Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	11,003.20	962.00
			<i>For Electronic Overloads, Add</i>	1,723.58	
26 29 13 13-0433	EA		Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	20,270.54	1,205.40
			<i>For Electronic Overloads, Add</i>	3,392.62	
26 29 13 13-0434			<b>Factory Modifications For NEMA 4 Enclosure</b> (26 29 13 13-0401)		
26 29 13 13-0435	EA		Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	160.45	
26 29 13 13-0436	EA		H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	376.81	
26 29 13 13-0437	EA		Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt .....	260.06	
26 29 13 13-0438			<b>NEMA 12 With Disconnect Switch</b> (26 29 13 13-0401)		
26 29 13 13-0439	EA		Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,471.62	268.32
			<i>For Electronic Overloads, Add</i>	177.66	
26 29 13 13-0440	EA		Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	1,826.29	419.92
			<i>For Electronic Overloads, Add</i>	187.42	
26 29 13 13-0441	EA		Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	2,527.68	482.97
			<i>For Electronic Overloads, Add</i>	296.75	
26 29 13 13-0442	EA		Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,806.93	603.63
			<i>For Electronic Overloads, Add</i>	493.92	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0443 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	6,945.99 952.71	965.94
26 29 13 13-0444 EA Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	13,672.76 2,139.04	1,207.25
<b>26 29 13 13-0445 NEMA 12 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0446 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	1,892.28 257.58	268.32
26 29 13 13-0447 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	2,248.95 267.72	419.92
26 29 13 13-0448 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	2,962.04 379.27	482.97
26 29 13 13-0449 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	4,110.86 551.67	603.63
26 29 13 13-0450 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	8,304.56 1,210.84	965.94
26 29 13 13-0451 EA Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase ..... <i>For Electronic Overloads, Add</i>	17,195.64 2,808.39	1,207.25
<b>26 29 13 13-0452 Factory Modifications For NEMA 12 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0453 EA Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	159.12	
26 29 13 13-0454 EA H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	373.68	
26 29 13 13-0455 EA Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	257.90	
<b>26 29 13 13-0456 NEMA 7 Or 9 With Circuit Breaker</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0457 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	3,274.10	556.34
26 29 13 13-0458 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,431.55	741.78
26 29 13 13-0459 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	4,893.39	1,019.95
26 29 13 13-0460 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	7,227.05	1,390.85
26 29 13 13-0461 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase .....	10,837.72	1,947.18
<b>26 29 13 13-0462 Factory Modifications For NEMA 7 Or 9 Enclosure</b> <small>(26 29 13 13-0401)</small>		
26 29 13 13-0463 EA Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	954.10	
26 29 13 13-0464 EA H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	954.10	
26 29 13 13-0465 EA Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	954.10	
<b>26 29 13 13-0466 Combination Starters Reversing</b> <small>(26 29 13 13)</small>		
<b>26 29 13 13-0467 240-600 Volt, 3 Pole</b> <small>(26 29 13 13-0466)</small>		
<b>26 29 13 13-0468 NEMA 1 With Disconnect Switch</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0469 EA Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	1,776.65	347.71
26 29 13 13-0470 EA Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	2,098.13	486.80
26 29 13 13-0471 EA Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	2,965.82	533.15
26 29 13 13-0472 EA Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	4,424.05	649.06
26 29 13 13-0473 EA Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	8,500.29	962.00
<b>26 29 13 13-0474 NEMA 1 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0475 EA Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	1,962.53	347.71
26 29 13 13-0476 EA Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	2,296.54	486.80
26 29 13 13-0477 EA Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	3,198.09	533.15
26 29 13 13-0478 EA Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	4,104.27	649.06
26 29 13 13-0479 EA Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	9,128.57	962.00
<b>26 29 13 13-0480 NEMA 12 With Disconnect Switch</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0481 EA Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	1,884.74	357.80
26 29 13 13-0482 EA Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	2,213.45	482.97
26 29 13 13-0483 EA Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	3,158.59	536.63
26 29 13 13-0484 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	4,743.50	643.96
26 29 13 13-0485 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase .....	9,169.34	965.94
<b>26 29 13 13-0486 NEMA 12 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0487 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	2,089.55	357.80
26 29 13 13-0488 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	2,432.08	482.97
26 29 13 13-0489 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	3,414.53	536.63
26 29 13 13-0490 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	4,391.14	643.96
26 29 13 13-0491 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase .....	9,861.61	965.94
<b>26 29 13 13-0492 NEMA 7 Or 9 With Circuit Breaker</b> <small>(26 29 13 13-0467)</small>		
26 29 13 13-0493 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,993.15	741.78
26 29 13 13-0494 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,334.15	927.22

**26 Electrical****26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 29 13 13-0495	EA	Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	6,188.92	1,205.40
26 29 13 13-0496	EA	Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	9,732.16	1,576.28
26 29 13 13-0497	EA	Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	17,515.64	2,132.63
<b>26 29 13 13-0498</b>		<b>Solid State Motor Controllers (26 29 13 13)</b>		
<b>26 29 13 13-0499</b>		<b>Adjustable Voltage Drives, DC Motors (26 29 13 13-0498)</b>		
26 29 13 13-0500	EA	0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking .....	1,383.24	208.62
26 29 13 13-0501	EA	0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	1,643.34	208.62
<b>26 29 13 13-0502</b>		<b>Removal And Reinstallation Of Motor Starters (26 29 13 13)</b>		
		Note: Includes storage and cleaning.		
26 29 13 13-0503	EA	Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect.....	827.88	
<b>26 29 13 13-0504</b>		<b>Auxiliary Devices (26 29 13 13)</b>		
26 29 13 13-0505	EA	Normally Open, Auxiliary Contact .....	434.32	115.91
26 29 13 13-0506	EA	Normally Closed, Auxiliary Contact.....	434.32	115.91
26 29 13 13-0507	EA	Pilot Light Kit.....	454.75	115.91
<b>26 29 23</b>		<b>Variable-Frequency Motor Controllers (26 29)</b>		
<b>26 29 23 00-0001</b>		<b>208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives (26 29 23)</b>		
		Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002	EA	3/4 HP, 208/230 Volt Variable Frequency Drive .....	2,270.04	426.79
		For 6-Pulse Drive Package, Deduct .....	-778.99	
26 29 23 00-0003	EA	1 HP, 208/230 Volt Variable Frequency Drive .....	2,559.18	466.47
		For 6-Pulse Drive Package, Deduct .....	-896.81	
26 29 23 00-0004	EA	1-1/2 HP, 208/230 Volt Variable Frequency Drive .....	2,978.97	512.91
		For 6-Pulse Drive Package, Deduct .....	-1,074.24	
26 29 23 00-0005	EA	2 HP, 208/230 Volt Variable Frequency Drive .....	3,149.62	493.02
		For 6-Pulse Drive Package, Deduct .....	-1,189.97	
26 29 23 00-0006	EA	3 HP, 208/230 Volt Variable Frequency Drive .....	3,374.73	537.53
		For 6-Pulse Drive Package, Deduct .....	-1,264.82	
26 29 23 00-0007	EA	5 HP, 208/230 Volt Variable Frequency Drive .....	3,658.25	537.53
		For 6-Pulse Drive Package, Deduct .....	-1,420.76	
26 29 23 00-0008	EA	7.5 HP, 208/230 Volt Variable Frequency Drive .....	4,370.85	641.80
		For 6-Pulse Drive Package, Deduct .....	-1,697.98	
26 29 23 00-0009	EA	10 HP, 208/230 Volt Variable Frequency Drive .....	4,780.39	641.80
		For 6-Pulse Drive Package, Deduct .....	-1,923.23	
26 29 23 00-0010	EA	15 HP, 208/230 Volt Variable Frequency Drive .....	6,280.06	966.36
		For 6-Pulse Drive Package, Deduct .....	-2,391.04	
26 29 23 00-0011	EA	20 HP, 208/230 Volt Variable Frequency Drive .....	7,414.16	966.36
		For 6-Pulse Drive Package, Deduct .....	-3,014.79	
26 29 23 00-0012	EA	25 HP, 208/230 Volt Variable Frequency Drive .....	9,025.33	1,283.72
		For 6-Pulse Drive Package, Deduct .....	-3,551.91	
26 29 23 00-0013	EA	30 HP, 208/230 Volt Variable Frequency Drive .....	10,442.94	1,283.72
		For 6-Pulse Drive Package, Deduct .....	-4,331.59	
26 29 23 00-0014	EA	40 HP, 208/230 Volt Variable Frequency Drive .....	11,671.54	1,283.72
		For 6-Pulse Drive Package, Deduct .....	-5,007.32	
26 29 23 00-0015	EA	50 HP, 208/230 Volt Variable Frequency Drive .....	15,405.41	1,622.79
		For 6-Pulse Drive Package, Deduct .....	-6,687.98	
26 29 23 00-0016	EA	60 HP, 208/230 Volt Variable Frequency Drive .....	18,582.60	1,919.72
		For 6-Pulse Drive Package, Deduct .....	-8,108.74	
26 29 23 00-0017	EA	75 HP, 208/230 Volt Variable Frequency Drive .....	21,102.80	1,919.72
		For 6-Pulse Drive Package, Deduct .....	-9,494.85	
<b>26 29 23 00-0018</b>		<b>460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives (26 29 23)</b>		
		Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019	EA	3 HP, 480 Volt Variable Frequency Drive .....	5,442.12	767.91
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-2,148.47	
26 29 23 00-0020	EA	5 HP, 480 Volt Variable Frequency Drive .....	5,631.13	767.91
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-2,252.43	
26 29 23 00-0021	EA	7.5 HP, 480 Volt Variable Frequency Drive .....	6,145.68	914.97
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-2,373.71	
26 29 23 00-0022	EA	10 HP, 480 Volt Variable Frequency Drive .....	6,177.18	914.97
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-2,391.04	
26 29 23 00-0023	EA	15 HP, 480 Volt Variable Frequency Drive .....	8,255.71	1,387.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-3,014.79	
26 29 23 00-0024	EA	20 HP, 480 Volt Variable Frequency Drive .....	8,696.74	1,387.13
		Note: Wall mounted.		
		For 6-Pulse Drive Package, Deduct .....	-3,257.36	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0025 EA 25 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	10,432.83  -3,725.17	1,829.94
26 29 23 00-0026 EA 30 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	12,007.95  -4,591.49	1,829.94
26 29 23 00-0027 EA 40 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	13,646.08  -5,492.46	1,829.94
26 29 23 00-0028 EA 50 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	17,879.88  -7,277.08	2,324.47
26 29 23 00-0029 EA 60 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	23,910.52  -10,118.60	2,756.53
26 29 23 00-0030 EA 75 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	25,422.64  -10,950.27	2,756.53
26 29 23 00-0031 EA 100 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	29,455.00  -12,821.52	3,071.63
26 29 23 00-0032 EA 125 HP, 480 Volt Variable Frequency Drive ..... Note: Wall mounted. <i>For 6-Pulse Drive Package, Deduct</i>	31,093.13  -13,722.49	3,071.63
26 29 23 00-0033 EA 150 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	34,495.40  -15,593.74	3,071.63
26 29 23 00-0034 EA 200 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	39,798.75  -17,811.51	3,707.09
26 29 23 00-0035 EA 250 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	49,938.27  -23,206.25	3,872.54
26 29 23 00-0036 EA 300 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	58,585.55  -27,334.09	4,443.60
26 29 23 00-0037 EA 350 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	67,450.69  -31,796.67	4,819.22
26 29 23 00-0038 EA 400 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	78,242.39  -37,309.23	5,203.77
26 29 23 00-0039 EA 450 HP, 480 Volt Variable Frequency Drive ..... Note: Floor mounted. <i>For 6-Pulse Drive Package, Deduct</i>	84,319.99  -40,168.78	5,642.93

## 26 30 Facility Electrical Power Generating and Storing Equipment

### 26 31 Photovoltaic Collectors <sup>(26 30)</sup>

26 31 00 00-0001 Rigid Photovoltaic Modules <sup>(26 31)</sup>

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules <sup>(26 31 00 00-0001)</sup>

26 31 00 00-0003 EA 205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	2,220.95	110.10
<i>For &gt;25 To 50, Deduct</i>	-161.07	
<i>For &gt;50 To 100, Deduct</i>	-216.59	
<i>For &gt;100, Deduct</i>	-322.13	
26 31 00 00-0004 EA 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	2,329.40	110.10
<i>For &gt;25 To 50, Deduct</i>	-169.20	
<i>For &gt;50 To 100, Deduct</i>	-227.43	
<i>For &gt;100, Deduct</i>	-338.40	
26 31 00 00-0005 EA 215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	2,178.41	110.10
<i>For &gt;25 To 50, Deduct</i>	-157.88	
<i>For &gt;50 To 100, Deduct</i>	-212.34	
<i>For &gt;100, Deduct</i>	-315.75	

26 31 00 00-0006 Sharp Rigid Photovoltaic Modules <sup>(26 31 00 00-0001)</sup>

26 31 00 00-0007 EA 224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	1,732.60	110.10
<i>For &gt;25 To 50, Deduct</i>	-124.44	
<i>For &gt;50 To 100, Deduct</i>	-167.75	
<i>For &gt;100, Deduct</i>	-248.88	
26 31 00 00-0008 EA 230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	1,974.68	110.10
<i>For &gt;25 To 50, Deduct</i>	-142.60	
<i>For &gt;50 To 100, Deduct</i>	-191.96	
<i>For &gt;100, Deduct</i>	-285.19	
26 31 00 00-0009 EA 235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	2,013.03	110.10
<i>For &gt;25 To 50, Deduct</i>	-145.47	
<i>For &gt;50 To 100, Deduct</i>	-195.80	
<i>For &gt;100, Deduct</i>	-290.94	

**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0010	EA		240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	1,893.19	110.10
			<i>For &gt;25 To 50, Deduct</i>	-136.48	
			<i>For &gt;50 To 100, Deduct</i>	-183.81	
			<i>For &gt;100, Deduct</i>	-272.97	
<b>26 31 00 00-0011</b>			<b>BP Solar Rigid Photovoltaic Modules</b> (26 31 00 00-0001)		
			Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0012	EA		50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	840.87	110.10
			<i>For &gt;25 To 50, Deduct</i>	-57.56	
			<i>For &gt;50 To 100, Deduct</i>	-78.58	
			<i>For &gt;100, Deduct</i>	-115.12	
26 31 00 00-0013	EA		75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	1,044.60	110.10
			<i>For &gt;25 To 50, Deduct</i>	-72.84	
			<i>For &gt;50 To 100, Deduct</i>	-98.95	
			<i>For &gt;100, Deduct</i>	-145.68	
26 31 00 00-0014	EA		80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	1,126.09	110.10
			<i>For &gt;25 To 50, Deduct</i>	-78.95	
			<i>For &gt;50 To 100, Deduct</i>	-107.10	
			<i>For &gt;100, Deduct</i>	-157.90	
<b>26 31 00 00-0015</b>			<b>Photovoltaic Inverters</b> (26 31)		
<b>26 31 00 00-0016</b>			<b>Fronius Photovoltaic Inverters</b> (26 31 00 00-0015)		
26 31 00 00-0017	EA		3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	5,327.63	115.91
26 31 00 00-0018	EA		5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	7,036.43	115.91
26 31 00 00-0019	EA		6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	7,429.02	115.91
26 31 00 00-0020	EA		7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	8,309.85	115.91
26 31 00 00-0021	EA		10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	13,175.05	115.91
26 31 00 00-0022	EA		12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	15,319.67	115.91
26 31 00 00-0023	EA		11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	12,442.44	231.81
26 31 00 00-0024	EA		11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	15,762.26	231.81
26 31 00 00-0025	EA		Inverter Display Stand (Fronius 4,045,894).....	455.54	57.95
<b>26 31 00 00-0026</b>			<b>SMA Photovoltaic Inverters</b> (26 31 00 00-0015)		
26 31 00 00-0027	EA		4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	3,949.23	115.91
26 31 00 00-0028	EA		5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	4,746.03	115.91
26 31 00 00-0029	EA		6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	5,488.60	115.91
26 31 00 00-0030	EA		7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	6,055.49	115.91
26 31 00 00-0031	EA		8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	5,864.53	115.91
<b>26 31 00 00-0032</b>			<b>PVPowered Photovoltaic Inverters</b> (26 31 00 00-0015)		
26 31 00 00-0033	EA		120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	4,893.90	115.91
26 31 00 00-0034	EA		240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	5,119.63	115.91
26 31 00 00-0035	EA		240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	5,659.46	115.91
26 31 00 00-0036	EA		240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	6,708.70	144.87
26 31 00 00-0037	EA		208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	8,180.00	173.85
26 31 00 00-0038	EA		240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	8,248.71	173.85
26 31 00 00-0039	EA		240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	8,706.07	173.85
26 31 00 00-0040	EA		208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	104,072.20	927.22
26 31 00 00-0041	EA		480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	104,210.24	927.22
26 31 00 00-0042	EA		208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	112,783.42	927.22
26 31 00 00-0043	EA		480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	104,539.66	927.22
<b>26 31 00 00-0044</b>			<b>Solectria Photovoltaic Inverters</b> (26 31 00 00-0015)		
26 31 00 00-0045	EA		208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI).....	16,346.41	231.81
26 31 00 00-0046	EA		208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI).....	16,346.41	231.81
26 31 00 00-0047	EA		208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI).....	16,826.10	231.81
26 31 00 00-0048	EA		480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI).....	16,826.10	231.81
26 31 00 00-0049	EA		208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	51,224.48	695.42
26 31 00 00-0050	EA		480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	48,826.07	695.42
26 31 00 00-0051	EA		208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	56,021.30	695.42
26 31 00 00-0052	EA		480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI).....	54,688.85	695.42
26 31 00 00-0053	EA		208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	59,485.67	695.42
26 31 00 00-0054	EA		480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI).....	56,820.77	695.42
26 31 00 00-0055	EA		208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	62,614.18	927.22
26 31 00 00-0056	EA		480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI).....	59,682.79	927.22
26 31 00 00-0057	EA		208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	65,012.59	927.22
26 31 00 00-0058	EA		480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI).....	61,548.22	927.22
<b>26 31 00 00-0059</b>			<b>Xantrex Photovoltaic Inverters</b> (26 31 00 00-0015)		
26 31 00 00-0060	EA		0.6 KW Photovoltaic Inverter (Xantrex 806-1206).....	679.32	28.98
26 31 00 00-0061	EA		1 KW Photovoltaic Inverter (Xantrex 806-1210).....	741.04	28.98
26 31 00 00-0062	EA		2 KW Photovoltaic Inverter (Xantrex 806-1220).....	1,194.61	28.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 31 00 00-0063 Photovoltaic DC-DC Converters</b> <small>(26 31)</small>		
26 31 00 00-0064 EA 15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20) .....	393.72	43.46
Note: Hazardous locations.		
26 31 00 00-0065 EA 20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23) .....	259.50	43.46
26 31 00 00-0066 EA 60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60) .....	738.86	43.46
<b>26 31 00 00-0067 Photovoltaic Combiner Boxes</b> <small>(26 31)</small>		
<b>26 31 00 00-0068 Midnight Solar Photovoltaic Combiner Boxes</b> <small>(26 31 00 00-0067)</small>		
26 31 00 00-0069 EA 3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3) .....	458.13	115.91
26 31 00 00-0070 EA 6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6) .....	445.70	115.91
26 31 00 00-0071 EA 12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12) .....	711.41	173.85
26 31 00 00-0072 EA 6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250) .....	715.77	173.85
26 31 00 00-0073 EA 16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16) .....	1,118.96	173.85
<b>26 31 00 00-0074 SMA Photovoltaic Combiner Boxes</b> <small>(26 31 00 00-0067)</small>		
26 31 00 00-0075 EA 6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6) .....	1,044.79	115.91
26 31 00 00-0076 EA 12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12) .....	1,256.61	115.91
26 31 00 00-0077 EA 28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28) .....	2,432.25	231.81
26 31 00 00-0078 EA 52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52) .....	5,657.33	231.81
26 31 00 00-0079 EA 4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch) .....	930.15	115.91
<b>26 31 00 00-0080 Photovoltaic Charge Controller</b> <small>(26 31)</small>		
26 31 00 00-0081 EA 35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35) .....	312.23	43.46
26 31 00 00-0082 EA 40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40) .....	420.09	43.46
26 31 00 00-0083 EA 60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60) .....	491.99	43.46
26 31 00 00-0084 EA Remote Digital Meter For Xantrex C-35, 40 And 60 .....	374.55	43.46
26 31 00 00-0085 EA MPPT Charge Controller (Xantrex XW SCC) .....	1,318.98	57.95
<b>26 31 00 00-0086 Photovoltaic Batteries</b> <small>(26 31)</small>		
<b>26 31 00 00-0087 Concorde Photovoltaic Batteries</b> <small>(26 31 00 00-0086)</small>		
26 31 00 00-0088 EA 34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T) .....	293.38	17.39
26 31 00 00-0089 EA 45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T) .....	369.62	23.18
26 31 00 00-0090 EA 49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T) .....	400.97	23.18
26 31 00 00-0091 EA 56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T) .....	457.46	34.77
26 31 00 00-0092 EA 69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T) .....	522.11	34.77
26 31 00 00-0093 EA 89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T) .....	619.91	40.56
26 31 00 00-0094 EA 104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T) .....	710.97	46.36
26 31 00 00-0095 EA 108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T) .....	702.61	46.36
26 31 00 00-0096 EA 210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T) .....	1,295.40	55.06
26 31 00 00-0097 EA 255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T) .....	1,499.48	57.95
<b>26 31 00 00-0098 Deka Photovoltaic Batteries</b> <small>(26 31 00 00-0086)</small>		
26 31 00 00-0099 EA 31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1) .....	304.92	29.03
26 31 00 00-0100 EA 50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF) .....	422.36	29.03
26 31 00 00-0101 EA 74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24) .....	626.09	29.03
26 31 00 00-0102 EA 86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27) .....	717.17	29.03
26 31 00 00-0103 EA 98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31) .....	719.57	29.03
26 31 00 00-0104 EA 183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D) .....	1,400.26	29.03
26 31 00 00-0105 EA 225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D) .....	1,620.76	29.03
<b>26 31 00 00-0106 Battery Enclosures</b> <small>(26 31 00 00-0086)</small>		
26 31 00 00-0107 EA 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010) .....	345.57	28.98
26 31 00 00-0108 EA 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC) .....	1,719.03	29.03
26 31 00 00-0109 EA 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL) .....	1,615.97	29.03
26 31 00 00-0110 EA 37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC) .....	2,155.25	29.03
26 31 00 00-0111 EA 15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1) .....	956.85	29.03
26 31 00 00-0112 EA 31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP) .....	2,258.31	29.03
<b>26 31 00 00-0113 Photovoltaic System Monitoring</b> <small>(26 31)</small>		
26 31 00 00-0114 EA Solar Inverter Monitor (Xantrex 864-0203) .....	729.97	57.95
26 31 00 00-0115 EA Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox) .....	1,530.18	28.98
26 31 00 00-0116 EA Sun Radiation And Temperature Monitor (SMA Sunny SensorBox) .....	1,277.39	28.98
26 31 00 00-0117 EA PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA) .....	230.09	28.98
26 31 00 00-0118 EA Wind Sensor Accessory For Sunny SensorBox (SMA) .....	571.98	57.95
26 31 00 00-0119 EA Sunny Boy Control with RS485 (SMA) .....	1,505.02	28.98
26 31 00 00-0120 EA RS 485 Module (SMA) .....	336.92	28.98
26 31 00 00-0121 EA RS 232 Module (SMA) .....	345.57	28.98
26 31 00 00-0122 EA Wireless Monitor with Bluetooth (SMA Sunny Beam) .....	647.30	

**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 31 00 00-0123	EA		Bluetooth Piggy-Back Computer Card (SMA).....	350.23	28.98
26 31 00 00-0124	EA		RS485-N Communication Computer Card (SMA).....	347.82	28.98
26 31 00 00-0125	EA		Bluetooth Repeater (SMA).....	663.05	28.98
26 31 00 00-0126	EA		Sunny Boy PC Service Cable (SMA).....	316.24	8.69
26 31 00 00-0127	EA		Integrated Revenue Grade Meter, Option (PVPowered).....	6,147.79	
26 31 00 00-0128	EA		Data Monitoring Module (PVPowered PVM1010).....	661.64	28.98
26 31 00 00-0129	EA		Wireless IG Personal Display (Fronius 4,240,108).....	657.82	
26 31 00 00-0130	EA		DatCom Power Supply (Fronius 43,0001,2311).....	215.66	
26 31 00 00-0131	EA		Wireless Card For IG Personal Display (Fronius 4,240,008,Z).....	391.05	28.98
26 31 00 00-0132	EA		Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z).....	329.70	28.98
26 31 00 00-0133	EA		Datalogger Pro Box (Fronius 4,240,102).....	1,316.95	28.98
26 31 00 00-0134	EA		Datalogger Easy Box (Fronius 4,240,103).....	854.01	28.98
26 31 00 00-0135	EA		Datalogger Interface Box (Fronius 4,240,105).....	1,487.78	28.98
26 31 00 00-0136	EA		Datalogger Web (Fronius 4,240,122).....	2,562.01	28.98
26 31 00 00-0137	EA		Interface Box (Fronius 4,240,109).....	682.81	28.98
26 31 00 00-0138	EA		Interface Card (Fronius 4,240,009,Z).....	485.02	28.98
26 31 00 00-0139	EA		Interface Card Easy (Fronius 4,240,013,Z).....	317.24	28.98
26 31 00 00-0140	EA		Sensor Box (Fronius 4,240,104).....	1,375.76	28.98
26 31 00 00-0141	EA		Ambient Temperature Sensor (Fronius 43,0001,1188).....	145.81	28.98
26 31 00 00-0142	EA		Irradiance Sensor (Fronius 43,0001,1188).....	472.84	28.98
26 31 00 00-0143	EA		Module Temperature Sensor (Fronius 43,0001,1190).....	527.48	28.98
26 31 00 00-0144	EA		Wind Speed Sensor (Fronius 42,0411,0027).....	267.94	57.95

**26 31 00 00-0145 Photovoltaic System Accessories (26 31)**

26 31 00 00-0146	EA		Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	1,005.67	57.95
26 31 00 00-0147	EA		Line Communication Filter (Enphase LCF).....	2,194.79	115.91
26 31 00 00-0148	EA		15 Meter RS 485 Communication Cable (SMA).....	168.39	8.69
26 31 00 00-0149	EA		15 Meter RS 232 Communication Cable (SMA).....	254.67	8.69
26 31 00 00-0150	EA		24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	38.13	2.87
26 31 00 00-0151	EA		36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	41.03	2.87
26 31 00 00-0152	EA		48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	42.66	2.87
26 31 00 00-0153	EA		72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	47.19	2.87
26 31 00 00-0154	EA		120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	53.99	2.87
26 31 00 00-0155	EA		240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	85.34	5.73
26 31 00 00-0156	EA		360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	106.43	5.73
26 31 00 00-0157	EA		420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	139.33	8.61
26 31 00 00-0158	EA		36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	48.33	2.87
26 31 00 00-0159	EA		120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	67.58	2.87
26 31 00 00-0160	EA		240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	98.93	5.73
26 31 00 00-0161	EA		360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	132.90	5.73
26 31 00 00-0162	EA		600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	214.84	11.48
26 31 00 00-0163	EA		1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	224.42	11.48
26 31 00 00-0164	EA		Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery.....	3,998.75	312.94

Note: Tamper proof enclosure.

**26 31 00 00-0165 Photovoltaic Mounting Systems (26 31)**

26 31 00 00-0166	LF		Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	13.24	2.90
26 31 00 00-0167	EA		Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229).....	36.50	14.48
26 31 00 00-0168	EA		Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216).....	47.17	14.48
26 31 00 00-0169	EA		8" x 3/8" Hanger Bolt (UNIRAC 310046).....	25.35	5.79
			Note: Supports mounting rail above tile or metal roof.		
26 31 00 00-0170	EA		Mounting Rail Grounding Clip (UNIRAC 980006).....	11.67	4.35
			Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.		
26 31 00 00-0171	EA		Mounting Rail Grounding Lugs (UNIRAC 980012).....	25.84	5.79
			Note: Two grounding lugs for each rail splice and one additional lug for each rail.		
26 31 00 00-0172	EA		Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002).....	6.84	1.93
			Note: Four for each row of modules you plan to mount.		
26 31 00 00-0173	EA		Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	7.19	1.93
			Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.		
26 31 00 00-0174	EA		Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	17.56	5.79
26 31 00 00-0175	EA		12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	105.93	28.98
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0176	EA		30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	118.01	28.98
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0177	EA		44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	127.74	28.98
			Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0178	EA		12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	155.38	43.46
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0179	EA		44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	191.62	43.46
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0180	EA		72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	224.51	43.46
			Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0181 EA 18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111) ..... Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	244.76	57.95
26 31 00 00-0182 EA 64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112) ..... Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	331.33	57.95
26 31 00 00-0183 EA 104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110) ..... Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.	464.44	86.93
26 31 00 00-0184 EA Ballasted Photovoltaic Module Frame (UNIRAC 310351) ..... Note: Excludes ballast.	226.52	
26 31 00 00-0185 EA Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355)..... Note: Excludes ballast.	424.05	
26 31 00 00-0186 EA 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	81.80	28.98
26 31 00 00-0187 EA 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	82.92	28.98
26 31 00 00-0188 EA 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	83.93	28.98
26 31 00 00-0189 EA 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	86.47	28.98
26 31 00 00-0190 EA 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	75.06	28.98
26 31 00 00-0191 EA 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	76.35	28.98
26 31 00 00-0192 EA 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	80.10	28.98
26 31 00 00-0193 EA 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	79.03	28.98
26 31 00 00-0194 EA 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390) .....	160.08	43.46
26 31 00 00-0195 EA 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391) .....	160.85	43.46
26 31 00 00-0196 EA 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394) .....	163.13	43.46
26 31 00 00-0197 EA Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370) .....	160.75	43.46
26 31 00 00-0198 EA Photovoltaic Module Standoff Flashing (UNIRAC 990103).....	32.67	5.79
26 31 00 00-0199 EA Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161).....	21.01	5.79
26 31 00 00-0200 EA 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100) .....	40.48	8.69
26 31 00 00-0201 EA 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100) .....	42.22	8.69
26 31 00 00-0202 EA Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100)..... Note: Mid or end clamp.	11.91	1.93
26 31 00 00-0203 EA Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024) .....	55.10	5.79
26 31 00 00-0204 EA Photovoltaic Module Wire Clip (UNIRAC 908002S-0100) .....	2.67	
26 31 00 00-0205 EA Standing Seam Metal Roof Clamp, Brass, For Copper Roof.....	90.15	6.96
26 31 00 00-0206 EA 1 Module Top of Pole Mount.....	217.74	1.73
26 31 00 00-0207 EA 2 Module Top of Pole Mount.....	330.61	26.08
26 31 00 00-0208 EA 4 Module Top of Pole Mount.....	479.78	26.08
26 31 00 00-0209 EA 1 Module Side of Pole Mount.....	169.84	11.59
26 31 00 00-0210 EA 2 Module Side of Pole Mount.....	411.81	31.87
26 31 00 00-0211 EA 2 Module Rack, For Ground Or Wall Mounting .....	294.97	23.18
26 31 00 00-0212 EA 4 Module Rack, For Ground Or Wall Mounting .....	457.38	34.77
26 31 00 00-0213 EA Stainless Steel Module Mounting Kit, 1 Per Module .....	30.32	2.90

## 26 32 Packaged Generator Assemblies (26 30)

### 26 32 13 Engine Generators (26 32)

See CSI section 23 13 23 13-0001 for fuel storage tanks.

#### 26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)

##### 26 32 13 13-0001 Diesel Generator Sets (Cummins) (26 32 13 13)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002 EA 20 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	33,530.91	1,014.30
For Weather Resistant Steel Diesel Generator Enclosure, Add	5,083.72	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,962.97	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,950.63	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,944.03	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	18,775.84	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	25,034.45	
For Single Phase, Add	1,266.91	
26 32 13 13-0003 EA 25 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	35,266.50	1,071.35
For Weather Resistant Steel Diesel Generator Enclosure, Add	5,083.72	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,962.97	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,950.63	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,944.03	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	18,775.84	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	25,034.45	
26 32 13 13-0004 EA 30 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	37,020.10	1,131.58
For Weather Resistant Steel Diesel Generator Enclosure, Add	5,083.72	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,962.97	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,950.63	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,944.03	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	18,775.84	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	25,034.45	
For Single Phase, Add	1,397.02	



**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13	13-0005	EA	35 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	37,760.54 5,083.72 11,962.97 15,950.63 12,944.03 18,775.84 25,034.45	1,248.85
26 32 13	13-0006	EA	40 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	38,513.78 5,083.72 11,962.97 15,950.63 12,944.03 18,775.84 25,034.45	1,369.30
26 32 13	13-0007	EA	50 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	45,221.64 5,083.72 11,962.97 15,950.63 12,944.03 18,775.84 25,034.45	1,572.16
26 32 13	13-0008	EA	60 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	48,733.37 5,083.72 11,962.97 15,950.63 12,944.03 18,775.84 25,034.45	1,806.71
26 32 13	13-0009	EA	80 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	57,274.97 5,083.72 11,962.97 15,950.63 12,944.03 18,775.84 25,034.45	2,117.34
26 32 13	13-0010	EA	100 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	61,567.47 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	2,459.66
26 32 13	13-0011	EA	125 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	62,934.34 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	2,916.10
26 32 13	13-0012	EA	150 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	69,578.29 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	3,214.05
26 32 13	13-0013	EA	175 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	73,116.79 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	3,588.06
26 32 13	13-0014	EA	200 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	77,729.41 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	3,930.39
26 32 13	13-0015	EA	230 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	83,847.25 7,710.92 18,290.35 24,387.13 16,607.42 19,965.55 26,620.73	4,152.26
26 32 13	13-0016	EA	250 KW, 3 Phase, Standby Diesel Generator Set (Cummins) <i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i> <i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i> <i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	87,412.87 50,007.24 55,372.53 73,830.04 60,651.27 67,685.83 90,247.77	4,323.43



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0017 EA 275 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	95,168.64	4,557.98
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0018 EA 300 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	97,220.70	4,760.84
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0019 EA 350 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	109,676.77	5,325.05
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0020 EA 400 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	118,105.37	5,832.19
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0021 EA 450 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	133,445.29	6,282.29
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0022 EA 500 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	140,380.84	6,694.35
For Weather Resistant Steel Diesel Generator Enclosure, Add	50,007.24	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	55,372.53	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	73,830.04	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	60,651.27	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	67,685.83	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	90,247.77	
26 32 13 13-0023 EA 600 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	204,440.10	7,372.65
For Weather Resistant Steel Diesel Generator Enclosure, Add	102,155.61	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	123,019.23	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	164,025.64	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	120,154.90	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	143,315.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	191,087.40	
26 32 13 13-0024 EA 750 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	234,184.16	8,108.02
For Weather Resistant Steel Diesel Generator Enclosure, Add	102,155.61	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	123,019.23	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	164,025.64	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	120,154.90	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	143,315.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	191,087.40	
26 32 13 13-0025 EA 800 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	244,575.15	8,285.52
For Weather Resistant Steel Diesel Generator Enclosure, Add	102,155.61	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	123,019.23	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	164,025.64	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	120,154.90	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	143,315.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	191,087.40	
26 32 13 13-0026 EA 900 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	298,518.99	8,932.13
For Weather Resistant Steel Diesel Generator Enclosure, Add	102,155.61	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	123,019.23	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	164,025.64	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	120,154.90	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	143,315.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	191,087.40	
26 32 13 13-0027 EA 1,000 KW, 3 Phase, Standby Diesel Generator Set (Cummins).....	333,428.97	9,509.01
For Weather Resistant Steel Diesel Generator Enclosure, Add	102,155.61	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	123,019.23	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	164,025.64	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	120,154.90	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	143,315.55	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	191,087.40	

**26 32 13 19 Natural Gas-Engine-Driven Generator Sets** (26 32 13)

**26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins)** (26 32 13 19)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 26 36 23 00-0000 for automatic transfer switches.

**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0002	EA		20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA).....	14,930.89	849.47
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	5,007.83	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	8,308.47	
26 32 13 19-0003	EA		25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB).....	16,874.02	1,014.30
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	5,007.83	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	8,308.47	
26 32 13 19-0004	EA		29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC).....	19,494.83	1,128.40
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	5,007.83	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	8,308.47	
26 32 13 19-0005	EA		35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA).....	22,130.03	1,248.85
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	14,165.16	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0006	EA		40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB).....	24,849.89	1,369.30
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	14,165.16	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0007	EA		45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC).....	26,939.76	1,477.06
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	14,165.16	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0008	EA		60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE).....	29,473.39	1,806.71
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	14,165.16	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0009	EA		70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF).....	31,628.51	2,022.25
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,623.72	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,962.97	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,950.63	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	14,165.16	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0010	EA		85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG).....	41,567.63	2,161.71
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,427.01	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	18,290.35	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	24,387.13	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	16,607.42	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0011	EA		100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH).....	50,114.59	2,434.30
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,427.01	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	18,290.35	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	24,387.13	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	16,607.42	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0012	EA		125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA).....	57,381.20	2,916.10
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,427.01	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	18,290.35	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	24,387.13	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	16,607.42	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0013	EA		150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB).....	68,233.27	3,214.05
			<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,427.01	
			<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	18,290.35	
			<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	24,387.13	
			<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	16,607.42	
			<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	23,775.37	
26 32 13 19-0014	EA		175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA).....	110,516.90	8,549.11
			<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	44,970.95	
			<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	49,781.39	
			<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	66,375.19	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	49,170.22	
			<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	73,784.98	
26 32 13 19-0015	EA		205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB).....	125,488.36	3,860.66
			<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	44,970.95	
			<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	49,781.39	
			<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	66,375.19	
			<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	49,170.22	
			<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	73,784.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0016 EA 250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC).....	134,941.99	4,323.43
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	44,970.95	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	49,781.39	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	66,375.19	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	49,170.22	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	73,784.98	
26 32 13 19-0017 EA 300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA).....	174,589.21	4,760.84
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	44,970.95	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	49,781.39	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	66,375.19	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	49,170.22	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	73,784.98	
26 32 13 19-0018 EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB).....	187,398.31	5,325.05
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	44,970.95	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	49,781.39	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	66,375.19	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	49,170.22	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	73,784.98	
26 32 13 19-0019 EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGA).....	263,384.26	6,282.29
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
26 32 13 19-0020 EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB).....	336,894.40	6,694.35
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
26 32 13 19-0021 EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC).....	377,016.75	7,055.69
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
26 32 13 19-0022 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFJA).....	429,491.73	7,372.65
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
26 32 13 19-0023 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB).....	449,088.70	7,651.59
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
26 32 13 19-0024 EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC).....	475,012.92	8,177.74
For Weather Resistant Steel Natural Gas Generator Enclosure, Add	98,195.81	
For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add	104,332.32	
For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add	139,109.75	
For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add	111,533.45	
For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add	157,635.44	
<b>26 32 13 19-0025 Small Natural Gas Or Propane Air-Cooled Generator Sets</b> <small>(26 32 13 19)</small>		
26 32 13 19-0026 EA 7.5 KW Natural Gas Or Propane Air-Cooled Generator Set.....	5,041.38	534.93
Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
26 32 13 19-0027 EA 10 KW Natural Gas Or Propane Air-Cooled Generator Set.....	6,371.21	594.37
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 13 19-0028 EA 14 KW Natural Gas Or Propane Air-Cooled Generator Set.....	7,353.84	653.80
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
<b>26 32 29 Rotary Converters</b> <small>(26 32)</small>		
<b>26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output</b> <small>(26 32 29)</small>		
26 32 29 00-0002 EA 3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,999.33	231.81
26 32 29 00-0003 EA 5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	12,192.78	231.81
26 32 29 00-0004 EA 7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	16,171.32	231.81
26 32 29 00-0005 EA 10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	16,299.00	231.81
26 32 29 00-0006 EA 15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	18,084.50	289.76
26 32 29 00-0007 EA 20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	19,591.61	289.76
26 32 29 00-0008 EA 25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	20,518.39	289.76
26 32 29 00-0009 EA 40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	24,977.37	382.48
26 32 29 00-0010 EA 50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	27,771.41	382.48
<b>26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output</b> <small>(26 32 29)</small>		
26 32 29 00-0012 EA 3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,587.28	231.81
26 32 29 00-0013 EA 5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	13,828.85	231.81
26 32 29 00-0014 EA 7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,825.82	231.81
26 32 29 00-0015 EA 10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	16,266.60	231.81
26 32 29 00-0016 EA 15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	18,417.97	289.76



**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0017	EA		20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	20,262.88	289.76
26 32 29 00-0018	EA		25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	20,934.15	289.76
26 32 29 00-0019	EA		40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	24,877.77	382.48
26 32 29 00-0020	EA		50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion .....	26,397.87	382.48
<b>26 32 29 00-0021</b>			<b>460 Volt 3 Phase AC Motor Drive 250 Volt DC</b> <small>(26 32 29)</small>		
26 32 29 00-0022	EA		33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	28,211.77	4,437.54
26 32 29 00-0023	EA		40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	31,184.48	4,437.54
26 32 29 00-0024	EA		50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	35,415.78	6,339.34
26 32 29 00-0025	EA		65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	41,445.48	6,339.34
26 32 29 00-0026	EA		85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	47,138.50	6,339.34
26 32 29 00-0027	EA		100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	55,186.00	9,509.01
26 32 29 00-0028	EA		125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion .....	66,702.07	9,509.01
<b>26 32 29 00-0029</b>			<b>4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC</b> <small>(26 32 29)</small>		
26 32 29 00-0030	EA		170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	98,479.65	12,678.68
26 32 29 00-0031	EA		200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	107,266.35	12,678.68
26 32 29 00-0032	EA		240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	129,102.83	16,482.28
26 32 29 00-0033	EA		320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	146,683.13	20,032.31
26 32 29 00-0034	EA		400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	173,978.68	20,032.31
26 32 29 00-0035	EA		560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	247,017.43	29,921.68
26 32 29 00-0036	EA		640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	255,177.64	29,921.68
26 32 29 00-0037	EA		800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion .....	294,112.12	34,866.37
<b>26 33 Battery Equipment</b> <small>(26 30)</small>					
<b>26 33 13 Batteries</b> <small>(26 33)</small>					
<b>26 33 13 00-0001</b>			<b>Standby Batteries</b> <small>(26 33 13)</small>		
26 33 13 00-0002	EA		12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery .....	1,224.69	29.03
26 33 13 00-0003	EA		12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket .....	1,323.56	29.03
26 33 13 00-0004	EA		725CCA, Group 31, 12 Volt Lead Calcium Standby Battery .....	393.83	29.03
26 33 13 00-0005	EA		810CCA, Group 24, 12 Volt Lead Calcium Standby Battery .....	356.90	29.03
26 33 13 00-0006	EA		1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery .....	620.22	29.03
26 33 13 00-0007	EA		1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery .....	722.26	29.03
<b>26 33 43 Battery Chargers</b> <small>(26 33)</small>					
<b>26 33 43 00-0001</b>			<b>Solid State Chargers, Single Phase</b> <small>(26 33 43)</small>		
			Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.		
26 33 43 00-0002	EA		Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt .....	3,375.43	661.80
26 33 43 00-0003	EA		Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt .....	3,953.05	661.80
26 33 43 00-0004	EA		Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt .....	4,353.86	661.80
26 33 43 00-0005	EA		Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt .....	4,600.28	783.57
<b>26 33 53 Static Uninterruptible Power Supply</b> <small>(26 33)</small>					
<b>26 33 53 00-0001</b>			<b>Single Phase, Uninterruptible Power Supply Systems (UPS)</b> <small>(26 33 53)</small>		
<b>26 33 53 00-0002</b>			<b>Single Phase, Uninterruptible Power Supply Systems (UPS)</b> <small>(26 33 53 00-0001)</small>		
<b>26 33 53 00-0003</b>			<b>120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)</b> <small>(26 33 53 00-0002)</small>		
			Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0004	EA		0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120) .....	1,360.80	114.75
			Note: Includes 12 minutes of battery backup at full load.		
26 33 53 00-0005	EA		0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120) .....	1,628.71	133.87
			Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0006	EA		1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120) .....	2,019.66	152.99
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0007	EA		1.5 kVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120) .....	2,482.14	172.12
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0008	EA		2 kVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120) .....	3,214.99	191.24
			Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0009	EA		3 kVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120) .....	5,257.25	229.49
			Note: Includes 4 minutes of battery backup at full load.		





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 33 53 00-0010			208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0011	EA		3 KVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208) ..... Note: Includes 4 minutes of battery backup at full load.	5,156.19	229.49

26 33 53 00-0012			120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0013	EA		5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) ..... Note: Includes 5 minutes of battery backup at full load.	8,002.47	305.99
26 33 53 00-0014	EA		6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) ..... Note: Includes 4 minutes of battery backup at full load.	8,741.61	344.24
26 33 53 00-0015	EA		8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) ..... Note: Includes 7 minutes of battery backup at full load.	13,166.20	420.73
26 33 53 00-0016	EA		10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) ..... Note: Includes 4-1/2 minutes of battery backup at full load.	15,159.63	458.98

26 33 53 00-0017			230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018	EA		0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) ..... Note: Includes 11 minutes of battery backup at full load.	1,628.71	133.87
26 33 53 00-0019	EA		1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) ..... Note: Includes 6 minutes of battery backup at full load.	2,019.66	152.99
26 33 53 00-0020	EA		1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) ..... Note: Includes 4 minutes of battery backup at full load.	2,511.99	172.12
26 33 53 00-0021	EA		2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) ..... Note: Includes 4 minutes of battery backup at full load.	3,222.19	191.24
26 33 53 00-0022	EA		3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) ..... Note: Includes 4 minutes of battery backup at full load.	5,279.69	229.49
26 33 53 00-0023	EA		5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) ..... Note: Includes 9 minutes of battery backup at full load.	7,664.98	305.99
26 33 53 00-0024	EA		6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) ..... Note: Includes 6 minutes of battery backup at full load.	9,443.28	344.24
26 33 53 00-0025	EA		10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) ..... Note: Includes 3 minutes of battery backup at full load.	14,677.17	458.98

## 26 35 Power Filters and Conditioners (26 30)

### 26 35 33 Power Factor Correction Equipment (26 35)

#### 26 35 33 16 Low-Voltage Power Factor Correction Equipment (26 35 33)

26 35 33 16-0001			Power Factor Correction Capacitors <small>(26 35 33 16)</small>		
26 35 33 16-0002	EA		Power Factor Correction Capacitors, 2.0 KVAC .....	995.94	
26 35 33 16-0003	EA		Power Factor Correction Capacitors, 3.0 KVAC .....	1,103.03	
26 35 33 16-0004	EA		Power Factor Correction Capacitors, 4.0 KVAC .....	1,210.12	
26 35 33 16-0005	EA		Power Factor Correction Capacitors, 5.0 KVAC .....	1,312.93	
26 35 33 16-0006	EA		Power Factor Correction Capacitors, 7.5 KVAC .....	1,612.78	
26 35 33 16-0007	EA		Power Factor Correction Capacitors, 10.0 KVAC .....	1,970.46	
26 35 33 16-0008	EA		Power Factor Correction Capacitors, 15.0 KVAC .....	3,043.51	
26 35 33 16-0009	EA		Power Factor Correction Capacitors, 20.0 KVAC .....	3,696.76	
26 35 33 16-0010	EA		Power Factor Correction Capacitors, 25.0 KVAC .....	4,776.23	
26 35 33 16-0011	EA		Power Factor Correction Capacitors, 30.0 KVAC .....	5,431.63	
26 35 33 16-0012	EA		Power Factor Correction Capacitors, 50.0 KVAC .....	9,531.05	
26 35 33 16-0013	EA		Power Factor Correction Capacitors, 75.0 KVAC .....	14,330.84	
26 35 33 16-0014	EA		Power Factor Correction Capacitors, 100.0 KVAC .....	19,109.22	
26 35 33 16-0015	EA		Power Factor Correction Capacitors, Fuse Kit.....	886.71	

### 26 35 53 Voltage Regulators (26 35)

**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 35 Power Filters and Conditioners**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 53 00-0001			<b>Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase</b> <sup>(26 35 53)</sup> Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002	EA		50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	7,135.58	1,842.87
26 35 53 00-0003	EA		75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	8,094.58	2,318.07
26 35 53 00-0004	EA		100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear .....	8,977.66	2,758.51
<b>26 36 Transfer Switches</b> <sup>(26 30)</sup>					
<b>26 36 13 Manual Transfer Switches</b> <sup>(26 36)</sup>					
<b>26 36 13 00-0001 Fused Manual Transfer Switches</b> <sup>(26 36 13)</sup>					
26 36 13 00-0002	EA		30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,341.67	202.83
26 36 13 00-0003	EA		60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,561.73	251.97
<b>26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b>					
26 36 13 00-0005	EA		40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	3,911.12	297.18
			<i>For NEMA 3R Enclosure, Add</i> .....	1,305.22	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0006	EA		70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	4,317.17	356.62
			<i>For NEMA 3R Enclosure, Add</i> .....	1,305.22	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0007	EA		125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	4,893.57	416.06
			<i>For NEMA 3R Enclosure, Add</i> .....	1,305.22	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0008	EA		150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	6,100.24	475.49
			<i>For NEMA 3R Enclosure, Add</i> .....	1,535.55	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0009	EA		225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	7,582.27	534.93
			<i>For NEMA 3R Enclosure, Add</i> .....	1,535.55	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0010	EA		260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	8,528.91	594.37
			<i>For NEMA 3R Enclosure, Add</i> .....	1,535.55	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,228.43	
26 36 13 00-0011	EA		300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	9,491.06	653.80
			<i>For NEMA 3R Enclosure, Add</i> .....	1,811.94	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,535.55	
26 36 13 00-0012	EA		400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	11,175.38	713.24
			<i>For NEMA 3R Enclosure, Add</i> .....	1,811.94	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,535.55	
26 36 13 00-0013	EA		600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	14,810.73	891.55
			<i>For NEMA 3R Enclosure, Add</i> .....	1,811.94	
			<i>For NEMA 12 Enclosure, Add</i> .....	1,535.55	
26 36 13 00-0014	EA		800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	16,623.00	1,069.86
			<i>For NEMA 3R Enclosure, Add</i> .....	2,226.53	
			<i>For NEMA 12 Enclosure, Add</i> .....	2,149.77	
26 36 13 00-0015	EA		1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	22,142.29	1,521.44
			<i>For NEMA 3R Enclosure, Add</i> .....	2,226.53	
			<i>For NEMA 12 Enclosure, Add</i> .....	2,149.77	
<b>26 36 23 Automatic Transfer Switches</b> <sup>(26 36)</sup>					
<b>26 36 23 00-0001 Automatic Transfer Switch</b> <sup>(26 36 23)</sup>					
<b>26 36 23 00-0002 Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure</b> <sup>(26 36 23 00-0001)</sup>					
Note: Programmable, 120/240 volt single phase, 3 wire.					
26 36 23 00-0003	EA		100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire .....	3,445.59	416.06
			<i>For Level 2 Controller, Add</i> .....	202.54	
			<i>For Level 3 Controller, Add</i> .....	418.16	
			<i>For Level 4 Controller, Add</i> .....	607.63	
26 36 23 00-0004	EA		225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire .....	4,706.00	534.93
			<i>For Level 2 Controller, Add</i> .....	281.80	
			<i>For Level 3 Controller, Add</i> .....	581.78	
			<i>For Level 4 Controller, Add</i> .....	845.40	
26 36 23 00-0005	EA		400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire .....	7,562.47	713.24
			<i>For Level 2 Controller, Add</i> .....	475.54	
			<i>For Level 3 Controller, Add</i> .....	981.76	
			<i>For Level 4 Controller, Add</i> .....	1,426.62	
26 36 23 00-0006	EA		600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire .....	12,459.77	891.55
			<i>For Level 2 Controller, Add</i> .....	827.44	
			<i>For Level 3 Controller, Add</i> .....	1,708.27	
			<i>For Level 4 Controller, Add</i> .....	2,482.33	
<b>26 36 23 00-0007 Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b> <sup>(26 36 23 00-0001)</sup>					



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0008 EA 40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40) .....	5,918.62	297.18
<i>For Level 2 Controller, Add</i>	412.63	
<i>For Level 3 Controller, Add</i>	851.88	
<i>For Level 4 Controller, Add</i>	1,237.89	
<i>For NEMA 3R Enclosure, Add</i>	1,305.22	
<i>For NEMA 4 Enclosure, Add</i>	1,381.99	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0009 EA 70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70) .....	6,824.42	356.62
<i>For Level 2 Controller, Add</i>	473.62	
<i>For Level 3 Controller, Add</i>	977.79	
<i>For Level 4 Controller, Add</i>	1,420.85	
<i>For NEMA 3R Enclosure, Add</i>	1,305.22	
<i>For NEMA 4 Enclosure, Add</i>	1,381.99	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0010 EA 100 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC100) .....	7,155.55	386.34
<i>For Level 2 Controller, Add</i>	494.67	
<i>For Level 3 Controller, Add</i>	1,021.26	
<i>For Level 4 Controller, Add</i>	1,484.02	
<i>For NEMA 3R Enclosure, Add</i>	1,305.22	
<i>For NEMA 4 Enclosure, Add</i>	1,381.99	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0011 EA 125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125) .....	7,486.70	416.06
<i>For Level 2 Controller, Add</i>	515.73	
<i>For Level 3 Controller, Add</i>	1,064.73	
<i>For Level 4 Controller, Add</i>	1,547.19	
<i>For NEMA 3R Enclosure, Add</i>	1,305.22	
<i>For NEMA 4 Enclosure, Add</i>	1,381.99	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0012 EA 150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150) .....	8,919.03	475.49
<i>For Level 2 Controller, Add</i>	617.52	
<i>For Level 3 Controller, Add</i>	1,274.89	
<i>For Level 4 Controller, Add</i>	1,852.57	
<i>For NEMA 3R Enclosure, Add</i>	1,535.55	
<i>For NEMA 4 Enclosure, Add</i>	1,996.21	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0013 EA 225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225) .....	10,189.49	534.93
<i>For Level 2 Controller, Add</i>	706.77	
<i>For Level 3 Controller, Add</i>	1,459.14	
<i>For Level 4 Controller, Add</i>	2,120.31	
<i>For NEMA 3R Enclosure, Add</i>	1,535.55	
<i>For NEMA 4 Enclosure, Add</i>	1,996.21	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0014 EA 260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260) .....	11,241.71	594.37
<i>For Level 2 Controller, Add</i>	779.11	
<i>For Level 3 Controller, Add</i>	1,608.48	
<i>For Level 4 Controller, Add</i>	2,337.32	
<i>For NEMA 3R Enclosure, Add</i>	1,535.55	
<i>For NEMA 4 Enclosure, Add</i>	1,996.21	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0015 EA 300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300) .....	11,725.21	653.80
<i>For Level 2 Controller, Add</i>	807.36	
<i>For Level 3 Controller, Add</i>	1,666.82	
<i>For Level 4 Controller, Add</i>	2,422.09	
<i>For NEMA 3R Enclosure, Add</i>	1,811.94	
<i>For NEMA 4 Enclosure, Add</i>	2,149.77	
<i>For NEMA 12 Enclosure, Add</i>	1,535.55	
26 36 23 00-0016 EA 400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400) .....	13,277.19	713.24
<i>For Level 2 Controller, Add</i>	918.43	
<i>For Level 3 Controller, Add</i>	1,896.12	
<i>For Level 4 Controller, Add</i>	2,755.29	
<i>For NEMA 3R Enclosure, Add</i>	1,811.94	
<i>For NEMA 4 Enclosure, Add</i>	2,149.77	
<i>For NEMA 12 Enclosure, Add</i>	1,535.55	
26 36 23 00-0017 EA 600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600) .....	18,251.36	891.55
<i>For Level 2 Controller, Add</i>	1,276.29	
<i>For Level 3 Controller, Add</i>	2,634.92	
<i>For Level 4 Controller, Add</i>	3,828.87	
<i>For NEMA 3R Enclosure, Add</i>	1,811.94	
<i>For NEMA 4 Enclosure, Add</i>	2,149.77	
<i>For NEMA 12 Enclosure, Add</i>	1,535.55	
26 36 23 00-0018 EA 800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800) .....	20,422.61	1,069.86
<i>For Level 2 Controller, Add</i>	1,416.92	
<i>For Level 3 Controller, Add</i>	2,925.26	
<i>For Level 4 Controller, Add</i>	4,250.77	
<i>For NEMA 3R Enclosure, Add</i>	2,226.53	
<i>For NEMA 4 Enclosure, Add</i>	2,456.89	
<i>For NEMA 12 Enclosure, Add</i>	2,149.77	
26 36 23 00-0019 EA 1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000) .....	26,583.83	1,521.44
<i>For Level 2 Controller, Add</i>	1,824.42	
<i>For Level 3 Controller, Add</i>	3,766.55	
<i>For Level 4 Controller, Add</i>	5,473.27	
<i>For NEMA 3R Enclosure, Add</i>	2,226.53	
<i>For NEMA 4 Enclosure, Add</i>	2,456.89	
<i>For NEMA 12 Enclosure, Add</i>	2,149.77	

**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0020	EA		1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200).....	34,709.56	1,648.23
			<i>For Level 2 Controller, Add</i>	2,434.52	
			<i>For Level 3 Controller, Add</i>	5,026.10	
			<i>For Level 4 Controller, Add</i>	7,303.55	
			<i>For NEMA 3R Enclosure, Add</i>	4,913.75	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	2,303.33	
26 36 23 00-0021	EA		1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600).....	36,913.11	1,901.80
			<i>For Level 2 Controller, Add</i>	2,565.99	
			<i>For Level 3 Controller, Add</i>	5,297.52	
			<i>For Level 4 Controller, Add</i>	7,697.96	
			<i>For NEMA 3R Enclosure, Add</i>	7,984.83	
			<i>For NEMA 4 Enclosure, Add</i>	9,827.47	
			<i>For NEMA 12 Enclosure, Add</i>	7,984.83	
26 36 23 00-0022	EA		2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000).....	42,217.72	2,155.38
			<i>For Level 2 Controller, Add</i>	2,937.79	
			<i>For Level 3 Controller, Add</i>	6,065.12	
			<i>For Level 4 Controller, Add</i>	8,813.37	
			<i>For NEMA 3R Enclosure, Add</i>	7,984.83	
			<i>For NEMA 4 Enclosure, Add</i>	9,827.47	
			<i>For NEMA 12 Enclosure, Add</i>	7,984.83	
26 36 23 00-0023	EA		3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000).....	50,950.49	2,662.52
			<i>For Level 2 Controller, Add</i>	3,535.97	
			<i>For Level 3 Controller, Add</i>	7,300.07	
			<i>For Level 4 Controller, Add</i>	10,607.91	
			<i>For NEMA 3R Enclosure, Add</i>	7,984.83	
26 36 23 00-0024	EA		4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000).....	89,359.69	3,169.67
			<i>For Level 2 Controller, Add</i>	6,434.08	
			<i>For Level 3 Controller, Add</i>	13,283.26	
			<i>For Level 4 Controller, Add</i>	19,302.23	
			<i>For NEMA 3R Enclosure, Add</i>	14,802.63	

**26 36 23 00-0025 Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure** (26 36 23 00-0001)

26 36 23 00-0026	EA		150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)....	28,922.27	2,258.59
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,458.78	
			<i>For Level 2 Controller, Add</i>	1,891.39	
			<i>For Level 3 Controller, Add</i>	3,904.81	
			<i>For Level 4 Controller, Add</i>	5,674.18	
26 36 23 00-0027	EA		225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225)....	30,176.71	2,377.47
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,458.78	
			<i>For Level 2 Controller, Add</i>	1,970.19	
			<i>For Level 3 Controller, Add</i>	4,067.48	
			<i>For Level 4 Controller, Add</i>	5,910.56	
26 36 23 00-0028	EA		260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260)....	31,630.86	2,496.34
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,458.78	
			<i>For Level 2 Controller, Add</i>	2,064.46	
			<i>For Level 3 Controller, Add</i>	4,262.11	
			<i>For Level 4 Controller, Add</i>	6,193.38	
26 36 23 00-0029	EA		300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300)....	35,478.62	2,555.77
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,458.78	
			<i>For Level 2 Controller, Add</i>	2,353.45	
			<i>For Level 3 Controller, Add</i>	4,858.73	
			<i>For Level 4 Controller, Add</i>	7,060.34	
26 36 23 00-0030	EA		400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400)....	41,202.04	2,615.21
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,458.78	
			<i>For Level 2 Controller, Add</i>	2,787.80	
			<i>For Level 3 Controller, Add</i>	5,755.46	
			<i>For Level 4 Controller, Add</i>	8,363.40	
26 36 23 00-0031	EA		600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600)....	49,780.54	2,734.08
			<i>For NEMA 3R Enclosure, Add</i>	2,687.21	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,535.55	
			<i>For Level 2 Controller, Add</i>	3,434.21	
			<i>For Level 3 Controller, Add</i>	7,089.98	
			<i>For Level 4 Controller, Add</i>	10,302.63	
26 36 23 00-0032	EA		800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800)....	55,001.14	2,852.96
			<i>For NEMA 3R Enclosure, Add</i>	2,763.98	
			<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
			<i>For NEMA 12 Enclosure, Add</i>	1,689.11	
			<i>For Level 2 Controller, Add</i>	3,820.38	
			<i>For Level 3 Controller, Add</i>	7,887.24	
			<i>For Level 4 Controller, Add</i>	11,461.14	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0033 EA 1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000).....	69,304.26	3,328.45
<i>For NEMA 3R Enclosure, Add</i>	2,763.98	
<i>For NEMA 4 Enclosure, Add</i>	2,763.98	
<i>For NEMA 12 Enclosure, Add</i>	1,689.11	
<i>For Level 2 Controller, Add</i>	4,855.17	
<i>For Level 3 Controller, Add</i>	10,023.58	
<i>For Level 4 Controller, Add</i>	14,565.51	
26 36 23 00-0034 EA 1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	91,475.24	3,803.60
<i>For NEMA 3R Enclosure, Add</i>	12,284.33	
<i>For NEMA 4 Enclosure, Add</i>	15,355.41	
<i>For NEMA 12 Enclosure, Add</i>	12,284.33	
<i>For Level 2 Controller, Add</i>	6,499.77	
<i>For Level 3 Controller, Add</i>	13,418.88	
<i>For Level 4 Controller, Add</i>	19,499.32	
26 36 23 00-0035 EA 1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	119,987.27	4,057.18
<i>For NEMA 3R Enclosure, Add</i>	26,104.20	
<i>For NEMA 4 Enclosure, Add</i>	26,104.20	
<i>For NEMA 12 Enclosure, Add</i>	24,322.98	
<i>For Level 2 Controller, Add</i>	8,670.15	
<i>For Level 3 Controller, Add</i>	17,899.67	
<i>For Level 4 Controller, Add</i>	26,010.45	
26 36 23 00-0036 EA 2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	136,361.66	4,437.54
<i>For NEMA 3R Enclosure, Add</i>	26,104.20	
<i>For NEMA 4 Enclosure, Add</i>	26,104.20	
<i>For NEMA 12 Enclosure, Add</i>	24,322.98	
<i>For Level 2 Controller, Add</i>	9,880.21	
<i>For Level 3 Controller, Add</i>	20,397.85	
<i>For Level 4 Controller, Add</i>	29,640.63	
26 36 23 00-0037 EA 3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	219,532.16	5,071.47
<i>For NEMA 3R Enclosure, Add</i>	32,246.35	
<i>For Level 2 Controller, Add</i>	16,227.66	
<i>For Level 3 Controller, Add</i>	33,502.27	
<i>For Level 4 Controller, Add</i>	48,682.99	
26 36 23 00-0038 EA 4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000).....	236,796.78	5,705.41
<i>For NEMA 3R Enclosure, Add</i>	32,246.35	
<i>For Level 2 Controller, Add</i>	17,467.41	
<i>For Level 3 Controller, Add</i>	36,061.76	
<i>For Level 4 Controller, Add</i>	52,402.24	
<b>26 36 23 00-0039 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure</b> <small>(26 36 23 00-0001)</small>		
26 36 23 00-0040 EA 40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40).....	9,792.83	297.18
<i>For Level 2 Controller, Add</i>	712.88	
<i>For Level 3 Controller, Add</i>	1,471.75	
<i>For Level 4 Controller, Add</i>	2,138.64	
<i>For NEMA 3R Enclosure, Add</i>	767.78	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0041 EA 70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70).....	10,564.92	356.62
<i>For Level 2 Controller, Add</i>	763.51	
<i>For Level 3 Controller, Add</i>	1,576.27	
<i>For Level 4 Controller, Add</i>	2,290.52	
<i>For NEMA 3R Enclosure, Add</i>	767.78	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0042 EA 100 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE100).....	10,950.25	386.34
<i>For Level 2 Controller, Add</i>	788.76	
<i>For Level 3 Controller, Add</i>	1,628.41	
<i>For Level 4 Controller, Add</i>	2,366.29	
<i>For NEMA 3R Enclosure, Add</i>	767.78	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0043 EA 125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125).....	11,335.60	416.06
<i>For Level 2 Controller, Add</i>	814.02	
<i>For Level 3 Controller, Add</i>	1,680.56	
<i>For Level 4 Controller, Add</i>	2,442.06	
<i>For NEMA 3R Enclosure, Add</i>	767.78	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	
26 36 23 00-0044 EA 150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	13,630.88	475.49
<i>For Level 2 Controller, Add</i>	982.69	
<i>For Level 3 Controller, Add</i>	2,028.78	
<i>For Level 4 Controller, Add</i>	2,948.08	
<i>For Four Pole Circuit Breaker, Add</i>	3,838.85	
<i>For NEMA 3R Enclosure, Add</i>	767.78	
<i>For NEMA 12 Enclosure, Add</i>	1,381.99	



**26 Electrical****26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0045	EA		225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	17,809.81	534.93
			For Level 2 Controller, Add	1,297.35	
			For Level 3 Controller, Add	2,678.39	
			For Level 4 Controller, Add	3,892.04	
			For Four Pole Circuit Breaker, Add	3,838.85	
			For NEMA 3R Enclosure, Add	767.78	
			For NEMA 12 Enclosure, Add	1,381.99	
26 36 23 00-0046	EA		250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	18,943.69	594.37
			For Level 2 Controller, Add	1,376.01	
			For Level 3 Controller, Add	2,840.79	
			For Level 4 Controller, Add	4,128.03	
			For Four Pole Circuit Breaker, Add	3,838.85	
			For NEMA 3R Enclosure, Add	767.78	
			For NEMA 12 Enclosure, Add	1,381.99	
26 36 23 00-0047	EA		300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	19,674.97	653.80
			For Level 2 Controller, Add	1,423.47	
			For Level 3 Controller, Add	2,938.78	
			For Level 4 Controller, Add	4,270.41	
			For Four Pole Circuit Breaker, Add	5,220.84	
			For NEMA 3R Enclosure, Add	1,996.21	
			For NEMA 12 Enclosure, Add	1,535.55	
26 36 23 00-0048	EA		400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	22,284.19	713.24
			For Level 2 Controller, Add	1,616.47	
			For Level 3 Controller, Add	3,337.24	
			For Level 4 Controller, Add	4,849.42	
			For Four Pole Circuit Breaker, Add	5,220.84	
			For NEMA 3R Enclosure, Add	1,996.21	
			For NEMA 12 Enclosure, Add	1,535.55	
26 36 23 00-0049	EA		600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	27,020.44	891.55
			For Level 2 Controller, Add	1,955.89	
			For Level 3 Controller, Add	4,037.97	
			For Level 4 Controller, Add	5,867.68	
			For Four Pole Circuit Breaker, Add	5,220.84	
			For NEMA 3R Enclosure, Add	1,996.21	
			For NEMA 12 Enclosure, Add	1,535.55	
26 36 23 00-0050	EA		800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	28,047.16	1,069.86
			For Level 2 Controller, Add	2,007.83	
			For Level 3 Controller, Add	4,145.19	
			For Level 4 Controller, Add	6,023.48	
			For Four Pole Circuit Breaker, Add	7,447.38	
			For NEMA 3R Enclosure, Add	3,439.63	
			For NEMA 12 Enclosure, Add	2,149.77	
26 36 23 00-0051	EA		1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	33,172.26	1,521.44
			For Level 2 Controller, Add	2,335.03	
			For Level 3 Controller, Add	4,820.70	
			For Level 4 Controller, Add	7,005.08	
			For Four Pole Circuit Breaker, Add	7,447.38	
			For NEMA 3R Enclosure, Add	3,439.63	
			For NEMA 12 Enclosure, Add	2,149.77	

**26 36 23 00-0052 Accessories** (26 36 23)

26 36 23 00-0053	EA		Auxiliary Contacts For Automatic Transfer Switch.....	356.25	
26 36 23 00-0054	EA		Battery Charger For Automatic Transfer Switch.....	2,917.54	
26 36 23 00-0055	EA		Elevator Relay Signal For Automatic Transfer Switch.....	1,059.53	

**26 40 Electrical And Cathodic Protection** (26)**26 43 Surge Protective Devices** (26 40)**26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits** (26 43)

26 43 13 00-0001			25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0002	EA		120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	237.45	28.98
26 43 13 00-0003	EA		208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	255.66	28.98
26 43 13 00-0004	EA		240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	267.25	34.77
26 43 13 00-0005	EA		277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	220.65	23.18
26 43 13 00-0006	EA		480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	267.25	34.77
26 43 13 00-0007			50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0008	EA		120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	327.19	28.98
26 43 13 00-0009	EA		208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	349.19	34.77
26 43 13 00-0010	EA		208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	337.60	28.98
26 43 13 00-0011	EA		480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	349.19	34.77



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0012				<b>100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression</b> <small>(26 43 13)</small> Note: Liebert LPL		
26 43 13 00-0013	EA			120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	394.83	28.98
26 43 13 00-0014	EA			208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	416.83	34.77
26 43 13 00-0015	EA			277 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	367.63	23.18
26 43 13 00-0016	EA			480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	416.83	34.77
26 43 13 00-0017				<b>100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression</b> <small>(26 43 13)</small> Note: Liebert LPM		
26 43 13 00-0018	EA			120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	465.07	28.98
26 43 13 00-0019	EA			208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	524.78	34.77
26 43 13 00-0020	EA			277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	439.17	23.18
26 43 13 00-0021				<b>160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression</b> <small>(26 43 13)</small> Note: Liebert LPM		
26 43 13 00-0022	EA			208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	817.44	34.77
26 43 13 00-0023	EA			208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	805.85	28.98
26 43 13 00-0024	EA			480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	817.44	34.77
26 43 13 00-0025				<b>250 kA, 500 Joule Transient Voltage Surge Suppression</b> <small>(26 43 13)</small> Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA			LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	8,099.44	57.95
26 43 13 00-0027	EA			Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	9,909.60	57.95
26 43 13 00-0028				<b>Class 1310 Transient Voltage Surge Suppression</b> <small>(26 43 13)</small> Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029				<b>NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor</b> <small>(26 43 13 00-0029)</small> Note: Square D. EMA series.		
26 43 13 00-0030	EA			120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,818.00	150.68
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0031	EA			160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,212.42	173.85
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0032	EA			240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,145.33	202.83
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0033	EA			320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,168.66	231.81
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0034	EA			480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,083.14	318.74
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0035	EA			120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,982.76	150.68
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0036	EA			160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,393.42	173.85
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0037	EA			240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,424.96	202.83
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0038	EA			320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,531.81	231.81
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0039	EA			480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,643.54	318.74
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0040	EA			120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	3,982.76	150.68
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0041	EA			160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,393.42	173.85
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0042	EA			240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,424.91	202.83
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0043	EA			320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,531.81	231.81
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0044	EA			480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,643.54	318.74
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0045	EA			120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,147.54	150.68
				<i>For Integral Disconnect, Add</i>	438.87	
				<i>For Surge Counter, Add</i>	335.40	

**26 Electrical****26 40 Electrical And Cathodic Protection****26 43 Surge Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0046	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,576.74	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0047	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	6,706.89	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0048	EA		320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	8,897.36	231.81
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0049	EA		480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	13,206.21	318.74
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0050	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,338.98	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0051	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	4,767.06	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0052	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	7,001.59	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0053	EA		320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	9,280.24	231.81
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0054	EA		480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor.....	12,999.07	318.74
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
<b>26 43 13 00-0055</b>			<b>NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor <sup>(26</sup></b>		
			<small><sup>43 13 00-0028)</sup></small>		
			<small>Note: Square D EBA series.</small>		
26 43 13 00-0056	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,982.68	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0057	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,602.19	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0058	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,270.54	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0059	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,076.65	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0060	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,741.42	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0061	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,452.69	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0062	EA		120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,076.65	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0063	EA		160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,741.42	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0064	EA		240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,452.69	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0065	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,196.16	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0066	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,891.09	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0067	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,685.89	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0068	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,321.47	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0069	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	4,050.03	173.85
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
26 43 13 00-0070	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,930.69	202.83
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	
<b>26 43 13 00-0071</b>			<b>NEMA 4X Modular Device Transient Voltage Surge Suppressor <sup>(26 43 13 00-0028)</sup></b>		
			<small>Note: Square D EMA series. Stainless steel.</small>		
26 43 13 00-0072	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,914.41	150.68
			<i>For Integral Disconnect, Add</i>	438.87	
			<i>For Surge Counter, Add</i>	335.40	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0073 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,308.84 438.87 335.40	173.85
26 43 13 00-0074 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,241.75 438.87 335.40	202.83
26 43 13 00-0075 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,079.17 438.87 335.40	150.68
26 43 13 00-0076 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,489.83 438.87 335.40	173.85
26 43 13 00-0077 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,521.37 438.87 335.40	202.83
26 43 13 00-0078 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,079.17 438.87 335.40	150.68
26 43 13 00-0079 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,489.83 438.87 335.40	173.85
26 43 13 00-0080 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,521.32 438.87 335.40	202.83
26 43 13 00-0081 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,243.96 438.87 335.40	150.68
26 43 13 00-0082 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,673.15 438.87 335.40	173.85
26 43 13 00-0083 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,803.30 438.87 335.40	202.83
26 43 13 00-0084 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,435.39 438.87 335.40	150.68
26 43 13 00-0085 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,863.47 438.87 335.40	173.85
26 43 13 00-0086 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	8,098.00 438.87 335.40	202.83
<b>26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor</b> <small>(26 43 13 00-0028)</small>		
<i>Note: Square D EBA series. Stainless steel.</i>		
26 43 13 00-0088 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,079.09 438.87 335.40	150.68
26 43 13 00-0089 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,698.60 438.87 335.40	173.85
26 43 13 00-0090 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,366.95 438.87 335.40	202.83
26 43 13 00-0091 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,173.06 438.87 335.40	150.68
26 43 13 00-0092 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,837.83 438.87 335.40	173.85
26 43 13 00-0093 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,549.10 438.87 335.40	202.83
26 43 13 00-0094 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,173.06 438.87 335.40	150.68
26 43 13 00-0095 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,837.83 438.87 335.40	173.85
26 43 13 00-0096 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,549.10 438.87 335.40	202.83
26 43 13 00-0097 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,292.57 438.87 335.40	150.68
26 43 13 00-0098 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,987.50 438.87 335.40	173.85
26 43 13 00-0099 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,782.30 438.87 335.40	202.83
26 43 13 00-0100 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,417.88 438.87 335.40	150.68

<b>26</b>	<b>Electrical</b>
<b>26 40</b>	<b>Electrical And Cathodic Protection</b>
<b>26 43</b>	<b>Surge Protective Devices</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0101	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,146.45 438.87 335.40	173.85
26 43 13 00-0102	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor ..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,027.11 438.87 335.40	202.83

### 26 43 13 00-0103 Transient Voltage Surge Suppression (26 43 13)

26 43 13 00-0104	EA		Distribution Panel Mount Surge Protective Device, 120/208V, Leviton 57120-M3.....	8,061.94	144.87
26 43 13 00-0105	EA		Panel Mount Surge Protective Device, 120/208V, Leviton 52120-7M3 .....	4,777.35	144.87

### 26 43 23 Surge Protective Devices for Lightning Protection (26 43)

#### 26 43 23 00-0001 Surge And Lightning Arrestors (26 43 23)

#### 26 43 23 00-0002 Metal Top Intermediate Type IMX (26 43 23 00-0001)

Note: For outdoor construction, single phase.

26 43 23 00-0003	EA		3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,194.79	257.25
26 43 23 00-0004	EA		4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,300.62	257.25
26 43 23 00-0005	EA		6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,300.62	257.25
26 43 23 00-0006	EA		7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,497.15	257.25
26 43 23 00-0007	EA		9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,497.15	257.25
26 43 23 00-0008	EA		10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,660.42	257.25
26 43 23 00-0009	EA		12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	1,660.42	257.25
26 43 23 00-0010	EA		15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	2,272.80	321.56
26 43 23 00-0011	EA		18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	2,357.46	321.56
26 43 23 00-0012	EA		21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	2,582.40	385.87
26 43 23 00-0013	EA		24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	2,800.10	385.87
26 43 23 00-0014	EA		27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase .....	3,347.35	385.87

#### 26 43 23 00-0015 Porcelain Top Intermediate Type IMX (26 43 23 00-0001)

Note: For cubicle mounting, single phase.

26 43 23 00-0016	EA		3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,194.79	257.25
26 43 23 00-0017	EA		4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,300.62	257.25
26 43 23 00-0018	EA		6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,300.62	257.25
26 43 23 00-0019	EA		7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,497.15	257.25
26 43 23 00-0020	EA		9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,497.15	257.25
26 43 23 00-0021	EA		10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,660.42	257.25
26 43 23 00-0022	EA		12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	1,660.42	257.25
26 43 23 00-0023	EA		15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,272.80	321.56
26 43 23 00-0024	EA		18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,357.46	321.56
26 43 23 00-0025	EA		21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,582.40	385.87
26 43 23 00-0026	EA		24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,800.10	385.87
26 43 23 00-0027	EA		27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	3,347.35	385.87

#### 26 43 23 00-0028 IMX Accessories (26 43 23 00-0001)

26 43 23 00-0029	EA		1 Crossarm Bracket Reversible 3-27 KV IMX.....	977.10	257.25
26 43 23 00-0030	EA		Single Unit Horizontal Pole Mounted Bracket (IMX) .....	965.01	257.25
26 43 23 00-0031	EA		3 Unit Horizontal Pole Mounted Bracket (IMX) .....	874.42	257.25

#### 26 43 23 00-0032 Lightning Arrestor And Cutouts (26 43 23 00-0001)

26 43 23 00-0033	EA		3 KV La Distribution Class, Lightning Arrestor .....	638.46	257.25
26 43 23 00-0034	EA		3 KV La Interior Class, Lightning Arrestor.....	1,275.34	257.25
26 43 23 00-0035	EA		3 KV La Station Class, Lightning Arrestor.....	1,194.79	257.25
26 43 23 00-0036	EA		9 KV La Distribution Class, Lightning Arrestor .....	704.98	257.25
26 43 23 00-0037	EA		9 KV La Interior Class, Lightning Arrestor.....	1,451.67	257.25
26 43 23 00-0038	EA		9 KV La Station Class, Lightning Arrestor.....	1,497.15	257.25
26 43 23 00-0039	EA		5 KV Enclosed Fused Cutout.....	808.39	257.25
26 43 23 00-0040	EA		15 KV Open Fused Cutout.....	863.84	321.56
26 43 23 00-0041	EA		18 KV La Distribution Class, Lightning Arrestor.....	669.99	257.25
26 43 23 00-0042	EA		18 KV La Interior Class, Lightning Arrestor.....	1,545.92	257.25

## 26 50 Lighting (26)

Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.

### 26 51 Interior Lighting (26 50)

#### 26 51 13 Incandescent Interior Lighting (26 51)

#### 26 51 13 00-0001 Recessed Fixtures (26 51 13)

Note: Housing and trim priced separately.

#### 26 51 13 00-0002 Incandescent, Recessed Fixture Housings (26 51 13 00-0001)

26 51 13 00-0003	EA		4" Round, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	83.10 4.29	33.15
------------------	----	--	--	---------------	-------





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0004 EA 5" Round, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	83.10 4.29	33.15
26 51 13 00-0005 EA 6" Round, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	88.29 4.66	34.77
26 51 13 00-0006 EA 7" Round, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	93.66 5.05	36.27
26 51 13 00-0007 EA 8" Round, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	99.05 5.45	37.79
26 51 13 00-0008 EA 10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing..... <i>For ICAT Housing, Add</i>	100.76 5.22	40.10
<b>26 51 13 00-0009 Recessed Fixture Trim (26 51 13 00-0001)</b>		
26 51 13 00-0010 EA Circular, Recessed Fixture Trim.....	65.50	16.23
26 51 13 00-0011 EA Circular Clear Lens, Recessed Fixture Trim.....	73.04	16.23
26 51 13 00-0012 EA Open/Baffle, Recessed Fixture Trim.....	86.10	16.23
26 51 13 00-0013 EA Specular Reflector, Recessed Fixture Trim.....	93.03	16.23
26 51 13 00-0014 EA Eyeball, Recessed Fixture Trim.....	73.15	16.23
26 51 13 00-0015 EA 10" To 12" Square, Clear Lens, Recessed Fixture Trim.....	69.10	16.23
26 51 13 00-0016 EA 10" To 12" Square, Drop Dish, Recessed Fixture Trim.....	73.74	16.23
<b>26 51 13 00-0017 Track Lighting (26 51 13)</b>		
<b>26 51 13 00-0018 Incandescent Track Lighting Fixtures (26 51 13 00-0017)</b> See CSI section 26 51 19 00-0537 for track lighting tracks.		
26 51 13 00-0019 EA Incandescent Track Lighting Fixture, 120 Volt.....	84.93	19.35
26 51 13 00-0020 EA Par 20 Track Fixture, White Or Black Finish, 120 Volt.....	57.58	19.35
26 51 13 00-0021 EA Par 30 Track Fixture, White Or Black Finish, 120 Volt.....	79.67	19.35
26 51 13 00-0022 EA Par 38 Track Fixture, White Or Black Finish, 120 Volt.....	81.86	19.35
26 51 13 00-0023 EA PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	67.58	19.35
26 51 13 00-0024 EA PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	57.58	19.35
26 51 13 00-0025 EA PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt..... Note: 120V.	66.53	19.35
26 51 13 00-0026 EA PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	84.05	19.35
<b>26 51 13 00-0027 Wet Location, Dust Resistant, Vapor Tight Fixtures (26 51 13)</b>		
<b>26 51 13 00-0028 Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0027)</b>		
26 51 13 00-0029 EA 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture..... <i>For Wall Mounted, Add</i>	127.94 5.10	46.36
26 51 13 00-0030 EA 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture..... <i>For Wall Mounted, Add</i>	146.37 5.10	46.36
<b>26 51 16 Fluorescent Interior Lighting (26 51)</b>		
<b>26 51 16 00-0001 Fluorescent Fixtures (26 51 16)</b>		
<b>26 51 16 00-0002 Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0001)</b>		
<b>26 51 16 00-0003 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)</b>		
26 51 16 00-0004 EA 1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	188.75	33.14
26 51 16 00-0005 EA 2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	212.90	33.14
<b>26 51 16 00-0006 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)</b>		
26 51 16 00-0007 EA 1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	213.68	34.52
26 51 16 00-0008 EA 2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	240.06	34.52
<b>26 51 16 00-0009 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)</b>		
26 51 16 00-0010 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	255.51	38.75
26 51 16 00-0011 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	304.57	38.75
26 51 16 00-0012 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	358.55	38.75
<b>26 51 16 00-0013 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)</b>		
26 51 16 00-0014 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	206.30	42.35
26 51 16 00-0015 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	239.87	42.35
<b>26 51 16 00-0016 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)</b>		
26 51 16 00-0017 EA 2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	327.02	49.34
26 51 16 00-0018 EA 3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	352.75	49.34
26 51 16 00-0019 EA 4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	401.72	49.34
<b>26 51 16 00-0020 Special Surface Mounted Fluorescent Fixtures (26 51 16 00-0002)</b>		

<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 51 Interior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0021 EA 54" Long Adjustable 120 Volt Fluorescent Over Mirror, Wall Mount .....	595.54	38.75
<b>26 51 16 00-0022 Surface Mounted, Box Type Fluorescent Fixtures</b> <small>(26 51 16 00-0001)</small> Note: Includes prismatic lens.		
<b>26 51 16 00-0023 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures</b> <small>(26 51 16 00-0022)</small>		
26 51 16 00-0024 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	254.06	38.44
26 51 16 00-0025 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	417.71	38.44
26 51 16 00-0026 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	477.55	38.44
<b>26 51 16 00-0027 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures</b> <small>(26 51 16 00-0022)</small>		
26 51 16 00-0028 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture .....	400.90	42.35
26 51 16 00-0029 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture .....	438.72	42.35
26 51 16 00-0030 EA 4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture .....	466.01	42.35
<b>26 51 16 00-0031 2' x 4', Surface Mounted, Box Type Fluorescent Fixtures</b> <small>(26 51 16 00-0022)</small>		
26 51 16 00-0032 EA 2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	405.34	49.34
26 51 16 00-0033 EA 3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	445.59	49.34
26 51 16 00-0034 EA 4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	467.75	49.34
26 51 16 00-0035 EA 6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	501.48	49.34
<b>26 51 16 00-0036 4' x 4', Surface Mounted, Box Type Fluorescent Fixtures</b> <small>(26 51 16 00-0022)</small>		
26 51 16 00-0037 EA 4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	810.77	63.53
26 51 16 00-0038 EA 6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	824.33	63.53
26 51 16 00-0039 EA 8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture .....	699.64	63.53
<b>26 51 16 00-0040 Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0001)</small>		
<b>26 51 16 00-0041 Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
<b>26 51 16 00-0042 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture</b> <small>(26 51 16 00-0041)</small>		
26 51 16 00-0043 EA 2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	404.34	33.14
<i>For Drywall Or Plaster Ceilings, Add</i>	22.40	
<b>26 51 16 00-0044 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture</b> <small>(26 51 16 00-0041)</small>		
26 51 16 00-0045 EA 2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	537.51	38.44
<i>For Drywall Or Plaster Ceilings, Add</i>	26.21	
26 51 16 00-0046 EA 2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	1,020.02	38.44
<i>For Drywall Or Plaster Ceilings, Add</i>	26.21	
<b>26 51 16 00-0047 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture</b> <small>(26 51 16 00-0041)</small>		
26 51 16 00-0048 EA 2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	543.00	42.35
<i>For Drywall Or Plaster Ceilings, Add</i>	28.59	
26 51 16 00-0049 EA 3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	628.09	42.35
<i>For Drywall Or Plaster Ceilings, Add</i>	28.59	
26 51 16 00-0050 EA 4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	633.95	42.35
<i>For Drywall Or Plaster Ceilings, Add</i>	28.60	
26 51 16 00-0051 EA 2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	684.96	42.35
<i>For Drywall Or Plaster Ceilings, Add</i>	28.59	
<b>26 51 16 00-0052 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture</b> <small>(26 51 16 00-0041)</small>		
26 51 16 00-0053 EA 2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	515.28	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
26 51 16 00-0054 EA 3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	742.30	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
26 51 16 00-0055 EA 4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	749.07	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
26 51 16 00-0056 EA 6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	838.85	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.35	
26 51 16 00-0057 EA 2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	711.74	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
26 51 16 00-0058 EA 3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	996.39	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
26 51 16 00-0059 EA 4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture .....	1,012.65	49.34
<i>For Drywall Or Plaster Ceilings, Add</i>	33.36	
<b>26 51 16 00-0060 Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
<b>26 51 16 00-0061 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0060)</small>		
26 51 16 00-0062 EA 1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture .....	483.21	33.14
<i>For Drywall Or Plaster Ceilings, Add</i>	22.40	
26 51 16 00-0063 EA 2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture .....	489.05	33.14
<i>For Drywall Or Plaster Ceilings, Add</i>	22.40	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0064	EA		3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	579.60 22.40	33.14
<b>26 51 16 00-0065</b>			<b>1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0060)</small>		
26 51 16 00-0066	EA		1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	550.09 26.21	38.44
26 51 16 00-0067	EA		2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	556.86 26.21	38.44
26 51 16 00-0068	EA		3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	633.23 26.21	38.44
<b>26 51 16 00-0069</b>			<b>2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0060)</small>		
26 51 16 00-0070	EA		2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	561.40 28.60	42.35
26 51 16 00-0071	EA		3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	567.25 28.60	42.35
26 51 16 00-0072	EA		4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	656.40 28.60	42.35
<b>26 51 16 00-0073</b>			<b>2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0060)</small>		
26 51 16 00-0074	EA		2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	515.28 33.36	49.34
26 51 16 00-0075	EA		3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	611.34 33.36	49.34
26 51 16 00-0076	EA		4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	702.48 33.36	49.34
26 51 16 00-0077	EA		6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	800.74 33.36	49.34
<b>26 51 16 00-0078</b>			<b>Direct-Indirect, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
<b>26 51 16 00-0079</b>			<b>1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0078)</small>		
26 51 16 00-0080	EA		1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,081.33 26.21	38.44
26 51 16 00-0081	EA		2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,088.11 26.21	38.44
26 51 16 00-0082	EA		1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,291.14 26.21	38.44
26 51 16 00-0083	EA		2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,307.40 26.21	38.44
<b>26 51 16 00-0084</b>			<b>2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0078)</small>		
26 51 16 00-0085	EA		2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	841.64 28.59	42.35
26 51 16 00-0086	EA		3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	943.75 28.59	42.35
26 51 16 00-0087	EA		2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,164.14 28.59	42.35
<b>26 51 16 00-0088</b>			<b>2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0078)</small>		
26 51 16 00-0089	EA		2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	943.05 33.36	49.34
26 51 16 00-0090	EA		3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,178.54 33.36	49.34
26 51 16 00-0091	EA		1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,259.18 33.36	49.34
26 51 16 00-0092	EA		2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,384.91 33.36	49.34
<b>26 51 16 00-0093</b>			<b>Volumetric, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
<b>26 51 16 00-0094</b>			<b>1' x 4', Volumetric, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0093)</small>		
26 51 16 00-0095	EA		2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	834.55 26.21	38.44
26 51 16 00-0096	EA		2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,122.33 26.21	38.44
<b>26 51 16 00-0097</b>			<b>2' x 2', Volumetric, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0093)</small>		
26 51 16 00-0098	EA		2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	828.35 28.59	42.35
26 51 16 00-0099	EA		2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	957.02 28.59	42.35

<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 51 Interior Lighting</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 16 00-0100		<b>2' x 4', Volumetric, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0093)</small>		
26 51 16 00-0101	EA	2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	918.46 33.36	49.34
26 51 16 00-0102	EA	2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	920.61 33.36	49.34
26 51 16 00-0103		<b>Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
26 51 16 00-0104		<b>1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0103)</small>		
26 51 16 00-0105	EA	2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	768.42 26.21	38.44
26 51 16 00-0106		<b>2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0103)</small>		
26 51 16 00-0107	EA	2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	731.31 28.59	42.35
26 51 16 00-0108		<b>2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0103)</small>		
26 51 16 00-0109	EA	2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	888.63 33.36	49.34
26 51 16 00-0110	EA	3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	622.13 33.36	49.34
26 51 16 00-0111	EA	4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	1,024.67 33.36	49.34
26 51 16 00-0112		<b>Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0040)</small>		
26 51 16 00-0113		<b>1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0112)</small>		
26 51 16 00-0114	EA	2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	729.33 26.21	38.44
26 51 16 00-0115		<b>2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0112)</small>		
26 51 16 00-0116	EA	2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	730.38 28.59	42.35
26 51 16 00-0117		<b>2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures</b> <small>(26 51 16 00-0112)</small>		
26 51 16 00-0118	EA	2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	910.57 33.36	49.34
26 51 16 00-0119	EA	3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	924.97 33.36	49.34
26 51 16 00-0120	EA	4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture ..... <i>For Drywall Or Plaster Ceilings, Add</i>	947.92 33.36	49.34
26 51 16 00-0121		<b>Striplight Fluorescent Fixtures</b> <small>(26 51 16 00-0001)</small>		
26 51 16 00-0122		<b>1 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 16 00-0121)</small>		
26 51 16 00-0123	EA	1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture .....	292.02	31.76
26 51 16 00-0124	EA	2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	366.73	31.76
26 51 16 00-0125	EA	3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	356.19	35.26
26 51 16 00-0126	EA	4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	361.32	38.75
26 51 16 00-0127	EA	8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	442.92	45.90
26 51 16 00-0128		<b>2 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 16 00-0121)</small>		
26 51 16 00-0129	EA	2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	360.92	35.26
26 51 16 00-0130	EA	3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	368.43	38.75
26 51 16 00-0131	EA	4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	373.38	42.35
26 51 16 00-0132		<b>3 Lamp Cross Section, Striplight Fluorescent Fixtures</b> <small>(26 51 16 00-0121)</small>		
26 51 16 00-0133	EA	2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	548.88	35.26
26 51 16 00-0134	EA	3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	523.63	38.75
26 51 16 00-0135	EA	4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	528.42	42.35
26 51 16 00-0136		<b>Industrial Fluorescent Fixtures</b> <small>(26 51 16 00-0001)</small>		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 16 00-0137</b> 1 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0136)</small>		
26 51 16 00-0138 EA 2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture .....	438.73	31.76
26 51 16 00-0139 EA 4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture .....	458.51	38.75
26 51 16 00-0140 EA 8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture .....	871.04	49.34
<b>26 51 16 00-0141</b> 2 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0136)</small>		
26 51 16 00-0142 EA 2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture .....	449.87	35.26
26 51 16 00-0143 EA 4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture .....	470.60	42.35
26 51 16 00-0144 EA 8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture .....	884.59	49.34
<b>26 51 16 00-0145</b> 3 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0136)</small>		
26 51 16 00-0146 EA 2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture .....	468.41	35.26
26 51 16 00-0147 EA 4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture .....	486.91	42.35
26 51 16 00-0148 EA 8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture .....	754.14	49.34
<b>26 51 16 00-0149</b> 4 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0136)</small>		
26 51 16 00-0150 EA 4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture .....	688.09	42.35
26 51 16 00-0151 EA 8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture .....	1,021.82	49.34
<b>26 51 16 00-0152</b> Undercabinet Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0153 EA 1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture .....	223.84	28.59
26 51 16 00-0154 EA 1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture .....	258.82	34.94
26 51 16 00-0155 EA 2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture .....	253.99	34.94
26 51 16 00-0156 EA 1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture .....	311.38	38.12
26 51 16 00-0157 EA 2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture .....	361.83	44.47
<b>26 51 16 00-0158</b> Corner Mounted, Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
Note: Includes acrylic drop dish diffuser.		
<b>26 51 16 00-0159</b> 2' Length, Corner Mounted, Fluorescent Fixtures <small>(26 51 16 00-0158)</small>		
26 51 16 00-0160 EA 1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture .....	255.45	31.76
26 51 16 00-0161 EA 2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture .....	285.59	31.76
<b>26 51 16 00-0162</b> 3' Length, Corner Mounted, Fluorescent Fixtures <small>(26 51 16 00-0158)</small>		
26 51 16 00-0163 EA 1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture .....	292.11	33.36
26 51 16 00-0164 EA 2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture .....	320.91	33.36
<b>26 51 16 00-0165</b> 4' Length, Corner Mounted, Fluorescent Fixtures <small>(26 51 16 00-0158)</small>		
26 51 16 00-0166 EA 1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture .....	287.57	34.94
26 51 16 00-0167 EA 2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture .....	317.32	34.94
<b>26 51 16 00-0168</b> Wall Bracket, Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
<b>26 51 16 00-0169</b> Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0168)</small>		
Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
<b>26 51 16 00-0170</b> 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0169)</small>		
26 51 16 00-0171 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	244.54	53.31
26 51 16 00-0172 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	249.52	53.31
<b>26 51 16 00-0173</b> 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0169)</small>		
26 51 16 00-0174 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	320.84	53.31
26 51 16 00-0175 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	327.79	53.31
<b>26 51 16 00-0176</b> 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0169)</small>		
26 51 16 00-0177 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	332.64	53.31
26 51 16 00-0178 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W) .....	337.62	53.31
<b>26 51 16 00-0179</b> Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0168)</small>		
Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
<b>26 51 16 00-0180</b> 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0179)</small>		
26 51 16 00-0181 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) .....	677.91	53.31
26 51 16 00-0182 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) .....	682.89	53.31
<b>26 51 16 00-0183</b> 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0179)</small>		
26 51 16 00-0184 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) .....	528.40	53.31
26 51 16 00-0185 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP) .....	535.35	53.31



<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 51 Interior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 16 00-0186 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP)</b> <small>(26 51 16 00-0179)</small>		
26 51 16 00-0187 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	613.12	53.31
26 51 16 00-0188 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP).....	618.10	53.31
<b>26 51 16 00-0189 Wall Bracket, Fluorescent Fixtures (Lithonia WC)</b> <small>(26 51 16 00-0168)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
<b>26 51 16 00-0190 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)</b> <small>(26 51 16 00-0189)</small>		
26 51 16 00-0191 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	233.60	53.31
26 51 16 00-0192 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	238.57	53.31
<b>26 51 16 00-0193 3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)</b> <small>(26 51 16 00-0189)</small>		
26 51 16 00-0194 EA 1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	235.57	53.31
26 51 16 00-0195 EA 2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	242.52	53.31
<b>26 51 16 00-0196 4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC)</b> <small>(26 51 16 00-0189)</small>		
26 51 16 00-0197 EA 1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	225.21	53.31
26 51 16 00-0198 EA 2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC).....	230.19	53.31
<b>26 51 16 00-0199 Low Occupancy, Industrial Fluorescent Fixtures</b> <small>(26 51 16 00-0001)</small>		
26 51 16 00-0200 EA 1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	286.26	38.75
26 51 16 00-0201 EA 2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP).....	291.56	42.35
<b>26 51 16 00-0202 Ceiling Mounted Fluorescent Fixtures</b> <small>(26 51 16)</small>		
<b>26 51 16 00-0203 Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures</b> <small>(26 51 16 00-0202)</small>		
<b>26 51 16 00-0204 Glass Globe, Compact Fluorescent/Incandescent Fixtures</b> <small>(26 51 16 00-0203)</small>		
26 51 16 00-0205 EA 6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture.....	227.44	46.36
26 51 16 00-0206 EA 9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture.....	281.44	46.36
<b>26 51 16 00-0207 Ceiling Mounted, Circline Fluorescent Fixtures</b> <small>(26 51 16 00-0202)</small>		
<b>26 51 16 00-0208 Exposed Lamps, Circline Fluorescent Fixtures</b> <small>(26 51 16 00-0207)</small>		
26 51 16 00-0209 EA 8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture.....	178.95	46.36
26 51 16 00-0210 EA 12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture.....	198.52	46.36
<b>26 51 16 00-0211 Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures</b> <small>(26 51 16 00-0207)</small>		
26 51 16 00-0212 EA 11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	299.01	46.36
26 51 16 00-0213 EA 14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	447.68	46.36
26 51 16 00-0214 EA 19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	550.68	46.36
26 51 16 00-0215 EA 12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	347.17	46.36
26 51 16 00-0216 EA 15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	450.72	46.36
26 51 16 00-0217 EA 19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture.....	550.68	46.36
<b>26 51 16 00-0218 Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures</b> <small>(26 51 16 00-0202)</small>		
<b>26 51 16 00-0219 Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures</b> <small>(26 51 16 00-0218)</small>		
26 51 16 00-0220 EA 11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	303.13	46.36
26 51 16 00-0221 EA 14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	412.31	46.36
26 51 16 00-0222 EA 19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	504.85	46.36
26 51 16 00-0223 EA 12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	234.25	46.36
26 51 16 00-0224 EA 15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	290.97	46.36
26 51 16 00-0225 EA 19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	398.42	46.36
<b>26 51 16 00-0226 Pendant Mounted, Compact Fluorescent/Incandescent Downlights</b> <small>(26 51 16 00-0226)</small>		
<b>26 51 16 00-0227 Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights</b> <small>(26 51 16 00-0226)</small>		
26 51 16 00-0228 EA 6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight.....	518.21	38.09
<b>26 51 16 00-0229 Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle</b> <small>(26 51 16 00-0226)</small>		
26 51 16 00-0230 EA 6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	600.42	38.09
26 51 16 00-0231 EA 8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	865.64	38.09



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 16 00-0232</b> <b>Fluorescent, Recessed Fixture Housings</b> <small>(26 51 16)</small>		
26 51 16 00-0233    EA    4" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	135.92	33.15
For ICAT Housing, Add	11.10	
26 51 16 00-0234    EA    5" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	140.61	33.15
For ICAT Housing, Add	11.71	
26 51 16 00-0235    EA    6" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	146.49	34.66
For ICAT Housing, Add	12.17	
26 51 16 00-0236    EA    7" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	153.96	35.93
For ICAT Housing, Add	12.83	
26 51 16 00-0237    EA    8" Round, Fluorescent, T Or ICT Recessed Fixture Housing .....	160.47	37.79
For ICAT Housing, Add	13.37	
26 51 16 00-0238    EA    10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing .....	166.08	40.10
For ICAT Housing, Add	13.65	
<b>26 51 16 00-0239</b> <b>Compact Fluorescent, Recessed Fixture Housings</b> <small>(26 51 16)</small>		
26 51 16 00-0240    EA    4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	156.10	33.15
For ICAT Housing, Add	13.71	
26 51 16 00-0241    EA    5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	160.72	33.15
For ICAT Housing, Add	14.30	
26 51 16 00-0242    EA    6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	166.74	34.77
For ICAT Housing, Add	14.78	
26 51 16 00-0243    EA    7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	171.56	36.27
For ICAT Housing, Add	15.10	
26 51 16 00-0244    EA    8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	177.12	37.79
For ICAT Housing, Add	15.52	
26 51 16 00-0245    EA    10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing .....	182.38	40.10
For ICAT Housing, Add	15.75	
<b>26 51 16 00-0246</b> <b>Fluorescent Track Lighting Fixtures</b> <small>(26 51 16)</small>		
26 51 16 00-0247    EA    2L 18W BX Track Fixture, Electronic Ballast .....	298.80	19.35
Note: White or Black Finish, 120V.		
26 51 16 00-0248    EA    2L 39W BX Track Fixture, Electronic Ballast .....	307.56	19.35
Note: White or Black Finish, 120V.		
26 51 16 00-0249    EA    2L 40W BX Track Fixture, Electronic Ballast .....	313.04	19.35
Note: White or Black Finish, 120V.		
26 51 16 00-0250    EA    2L 50W BX Track Fixture, Electronic Ballast .....	193.24	19.35
Note: White or Black Finish, 120V.		
26 51 16 00-0251    EA    2L, 55 Watt BX Track Fixture, Electronic Ballast .....	334.57	19.35
Note: White or Black Finish, 120V.		
<b>26 51 16 00-0252</b> <b>Compact Fluorescent Track Lighting Fixtures</b> <small>(26 51 16)</small>		
26 51 16 00-0253    EA    Compact Fluorescent Track Lighting Fixture .....	100.14	19.35
<b>26 51 16 00-0254</b> <b>Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures</b> <small>(26 51 16)</small>		
26 51 16 00-0255    EA    13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	137.45	46.36
For Wall Mounted, Add	6.02	
26 51 16 00-0256    EA    22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	141.08	46.36
For Wall Mounted, Add	6.02	
26 51 16 00-0257    EA    28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	150.04	46.36
For Wall Mounted, Add	6.02	
<b>26 51 16 00-0258</b> <b>Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures</b> <small>(26 51 16)</small>		
<b>26 51 16 00-0259</b> <b>4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures</b> <small>(26 51 16 00-0258)</small>		
<b>26 51 16 00-0260</b> <b>4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW)</b> <small>(26 51 16 00-0259)</small>		
Note: Includes high impact acrylic molded lens.		
26 51 16 00-0261    EA    1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) .....	314.43	49.34
For T5 Fixture Instead Of T8, Add	27.52	
26 51 16 00-0262    EA    2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) .....	330.09	49.34
For T5 Fixture Instead Of T8, Add	29.31	
26 51 16 00-0263    EA    3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) .....	521.95	49.34
For T5 Fixture Instead Of T8, Add	51.28	
26 51 16 00-0264    EA    1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) .....	449.11	49.34
26 51 16 00-0265    EA    2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW) .....	728.33	49.34
<b>26 51 16 00-0266</b> <b>4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day- Brite V2W)</b> <small>(26 51 16 00-0259)</small>		
Note: Includes high impact acrylic molded lens.		
26 51 16 00-0267    EA    1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W) .....	368.57	49.34



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 51 16 00-0268	EA	2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	373.32	49.34
26 51 16 00-0269	EA	3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	548.34	49.34
26 51 16 00-0270	EA	1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	451.69	49.34
26 51 16 00-0271	EA	2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	472.58	49.34
26 51 16 00-0272		<b>8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures</b> <small>(26 51 16 00-0258)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0273		<b>8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW)</b> <small>(26 51 16 00-0272)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0274	EA	2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	597.91	67.03
		<i>For T5 Fixture Instead Of T8, Add</i>	56.94	
26 51 16 00-0275	EA	4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW).....	622.60	67.03
		<i>For T5 Fixture Instead Of T8, Add</i>	59.77	
26 51 16 00-0276		<b>High Bay Fluorescent Fixtures</b> <small>(26 51 16)</small>		
26 51 16 00-0277		<b>(T8) Fluorescent, High Bay Fixtures</b> <small>(26 51 16 00-0276)</small>		
26 51 16 00-0278		<b>(T8) Fluorescent, High Bay Fixtures (Lithonia)</b> <small>(26 51 16 00-0277)</small> Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0279	EA	2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	507.90	108.00
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0280	EA	3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	531.06	119.66
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0281	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	601.72	136.59
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0282	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	725.42	143.90
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0283	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	790.29	150.57
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0284	EA	4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	442.23	136.59
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0285	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	466.36	143.90
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0286	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	535.23	150.57
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0287		<b>(T5HO) Fluorescent, High Bay Fixtures</b> <small>(26 51 16 00-0276)</small>		
26 51 16 00-0288		<b>(T5HO) Fluorescent, High Bay Fixtures (Lithonia)</b> <small>(26 51 16 00-0287)</small> Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0289	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	513.81	108.00
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0290	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	537.10	119.66
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0291	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	611.73	136.59
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0292	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB).....	745.64	143.90
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0293	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	467.44	136.59
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	
26 51 16 00-0294	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ).....	516.62	143.90
		<i>For Wire Guard, Add</i>	40.50	
		<i>For Polycarbonate Lens, Add</i>	47.75	
		<i>For Acrylic Lens, Add</i>	54.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

26 51 16 00-0295	EA 8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) .....	605.01	150.57
	For Wire Guard, Add	40.50	
	For Polycarbonate Lens, Add	47.75	
	For Acrylic Lens, Add	54.00	

**26 51 19 LED Interior Lighting** (26 51)

**26 51 19 00-0001 LED Fixtures** (26 51 19)

**26 51 19 00-0002 Undercabinet LED Fixtures** (26 51 19 00-0001)

26 51 19 00-0003	EA 12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6) .....	138.01	28.59
	For >50 To 100, Deduct	-4.64	
	For >100 To 250, Deduct	-8.09	
	For >250 To 500, Deduct	-13.80	
	For >500, Deduct	-19.51	
26 51 19 00-0004	EA 18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6) .....	170.87	34.94
	For >50 To 100, Deduct	-5.73	
	For >100 To 250, Deduct	-10.00	
	For >250 To 500, Deduct	-17.09	
	For >500, Deduct	-24.17	
26 51 19 00-0005	EA 24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6) .....	172.13	34.94
	For >50 To 100, Deduct	-5.76	
	For >100 To 250, Deduct	-10.06	
	For >250 To 500, Deduct	-17.21	
	For >500, Deduct	-24.36	
26 51 19 00-0006	EA 24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30) .....	163.26	28.59
	For >50 To 100, Deduct	-5.27	
	For >100 To 250, Deduct	-9.35	
	For >250 To 500, Deduct	-16.33	
	For >500, Deduct	-23.30	

**26 51 19 00-0007 Surface Mount Linear/Striplight LED Fixtures** (26 51 19 00-0001)

**26 51 19 00-0008 Striplight LED Fixtures (Lithonia CLX)** (26 51 19 00-0007)

Note: Standard efficiency, flat or round diffuse lens, 120-277 volt, 0-10 volt dimming, 3000K to 5000K color temperature, 80CRI

26 51 19 00-0009	EA 2' Length, 1,500 Lumens, LED Striplight Fixture (Lithonia CLX) .....	217.11	31.76
	Note: With integral occupancy sensor		
26 51 19 00-0010	EA 2' Length, 2,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	223.05	31.76
	Note: With integral occupancy sensor		
26 51 19 00-0011	EA 4' Length, 3,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	257.43	38.75
	Note: With integral occupancy sensor		
26 51 19 00-0012	EA 4' Length, 4,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	263.38	38.75
	Note: With integral occupancy sensor		
26 51 19 00-0013	EA 4' Length, 5,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	269.34	38.75
	Note: With integral occupancy sensor		
26 51 19 00-0014	EA 4' Length, 7,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	275.28	38.75
	Note: With integral occupancy sensor		
26 51 19 00-0015	EA 4' Length, 9,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	281.23	38.75
	Note: With integral occupancy sensor		
26 51 19 00-0016	EA 8' Length, 6,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	360.20	45.85
	Note: With integral occupancy sensor		
26 51 19 00-0017	EA 8' Length, 8,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	372.09	45.85
	Note: With integral occupancy sensor		
26 51 19 00-0018	EA 8' Length, 10,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	385.48	45.85
	Note: With integral occupancy sensor		
26 51 19 00-0019	EA 8' Length, 14,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	397.37	45.85
	Note: With integral occupancy sensor		
26 51 19 00-0020	EA 8' Length, 18,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	410.76	45.85
	Note: With integral occupancy sensor		
26 51 19 00-0021	EA 8' Length, 20,000 Lumens, LED Striplight Fixture (Lithonia CLX) .....	422.65	45.85
	Note: With integral occupancy sensor		

**26 51 19 00-0022 Striplight LED Fixtures (Lithonia ZL)** (26 51 19 00-0007)

26 51 19 00-0023	EA 3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1) .....	214.77	31.76
	For >50 To 100, Deduct	-6.56	
	For >100 To 250, Deduct	-11.93	
	For >250 To 500, Deduct	-21.48	
	For >500, Deduct	-31.02	
26 51 19 00-0024	EA 2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1) .....	225.36	38.75
	For >50 To 100, Deduct	-7.09	
	For >100 To 250, Deduct	-12.72	
	For >250 To 500, Deduct	-22.54	
	For >500, Deduct	-32.35	
26 51 19 00-0025	EA 1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2) .....	239.15	31.76
	For >50 To 100, Deduct	-7.17	
	For >100 To 250, Deduct	-13.15	
	For >250 To 500, Deduct	-23.92	
	For >500, Deduct	-34.68	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0026	EA		2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	249.74	38.75
			<i>For &gt;50 To 100, Deduct</i>	-7.70	
			<i>For &gt;100 To 250, Deduct</i>	-13.94	
			<i>For &gt;250 To 500, Deduct</i>	-24.97	
			<i>For &gt;500, Deduct</i>	-36.01	
26 51 19 00-0027	EA		4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	311.82	38.75
			<i>For &gt;50 To 100, Deduct</i>	-9.25	
			<i>For &gt;100 To 250, Deduct</i>	-17.05	
			<i>For &gt;250 To 500, Deduct</i>	-31.18	
			<i>For &gt;500, Deduct</i>	-45.32	
<b>26 51 19 00-0028</b>			<b>Striplight LED Fixtures (Mobern) <small>(26 51 19 00-0007)</small></b>		
26 51 19 00-0029	EA		1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30).....	221.64	31.76
			<i>For &gt;50 To 100, Deduct</i>	-6.73	
			<i>For &gt;100 To 250, Deduct</i>	-12.27	
			<i>For &gt;250 To 500, Deduct</i>	-22.16	
			<i>For &gt;500, Deduct</i>	-32.05	
<b>26 51 19 00-0030</b>			<b>Striplight LED Fixtures (Eaton) <small>(26 51 19 00-0007)</small></b>		
26 51 19 00-0031	EA		2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U).....	282.07	38.75
			<i>For &gt;50 To 100, Deduct</i>	-8.51	
			<i>For &gt;100 To 250, Deduct</i>	-15.56	
			<i>For &gt;250 To 500, Deduct</i>	-28.21	
			<i>For &gt;500, Deduct</i>	-40.85	
26 51 19 00-0032	EA		2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U).....	265.75	38.75
			<i>For &gt;50 To 100, Deduct</i>	-8.10	
			<i>For &gt;100 To 250, Deduct</i>	-14.74	
			<i>For &gt;250 To 500, Deduct</i>	-26.58	
			<i>For &gt;500, Deduct</i>	-38.41	
26 51 19 00-0033	EA		2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U).....	282.07	38.75
			<i>For &gt;50 To 100, Deduct</i>	-8.51	
			<i>For &gt;100 To 250, Deduct</i>	-15.56	
			<i>For &gt;250 To 500, Deduct</i>	-28.21	
			<i>For &gt;500, Deduct</i>	-40.85	
<b>26 51 19 00-0034</b>			<b>Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0001)</small></b>		
<b>26 51 19 00-0035</b>			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0034)</small></b>		
<b>26 51 19 00-0036</b>			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) <small>(26 51 19 00-0035)</small></b>		
26 51 19 00-0037	EA		1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4).....	602.26	38.44
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	44.67	
			<i>For &gt;50 To 100, Deduct</i>	-16.51	
			<i>For &gt;100 To 250, Deduct</i>	-31.57	
			<i>For &gt;250 To 500, Deduct</i>	-60.23	
			<i>For &gt;500, Deduct</i>	-88.88	
26 51 19 00-0038	EA		2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2).....	328.96	42.35
			<i>For Drywall Or Plaster Ceilings, Add</i>	28.59	
			<i>For &gt;50 To 100, Deduct</i>	-9.81	
			<i>For &gt;100 To 250, Deduct</i>	-18.04	
			<i>For &gt;250 To 500, Deduct</i>	-32.90	
			<i>For &gt;500, Deduct</i>	-47.76	
26 51 19 00-0039	EA		2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4).....	606.46	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	48.86	
			<i>For &gt;50 To 100, Deduct</i>	-17.01	
			<i>For &gt;100 To 250, Deduct</i>	-32.18	
			<i>For &gt;250 To 500, Deduct</i>	-60.65	
			<i>For &gt;500, Deduct</i>	-89.12	
<b>26 51 19 00-0040</b>			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) <small>(26 51 19 00-0035)</small></b>		
26 51 19 00-0041	EA		1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4).....	870.70	38.44
			<i>For &gt;50 To 100, Deduct</i>	-23.22	
			<i>For &gt;100 To 250, Deduct</i>	-44.99	
			<i>For &gt;250 To 500, Deduct</i>	-87.07	
			<i>For &gt;500, Deduct</i>	-129.15	
26 51 19 00-0042	EA		2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5).....	610.00	42.35
			<i>For &gt;50 To 100, Deduct</i>	-16.84	
			<i>For &gt;100 To 250, Deduct</i>	-32.09	
			<i>For &gt;250 To 500, Deduct</i>	-61.00	
			<i>For &gt;500, Deduct</i>	-89.91	
26 51 19 00-0043	EA		2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4).....	795.61	49.34
			<i>For &gt;50 To 100, Deduct</i>	-21.74	
			<i>For &gt;100 To 250, Deduct</i>	-41.63	
			<i>For &gt;250 To 500, Deduct</i>	-79.56	
			<i>For &gt;500, Deduct</i>	-117.49	
<b>26 51 19 00-0044</b>			<b>Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) <small>(26 51 19 00-0035)</small></b>		





<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0045	EA		2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	399.49	42.35
			<i>For &gt;50 To 100, Deduct</i>	-11.58	
			<i>For &gt;100 To 250, Deduct</i>	-21.56	
			<i>For &gt;250 To 500, Deduct</i>	-39.95	
			<i>For &gt;500, Deduct</i>	-58.34	
26 51 19 00-0046	EA		3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	442.85	42.35
			<i>For &gt;50 To 100, Deduct</i>	-12.66	
			<i>For &gt;100 To 250, Deduct</i>	-23.73	
			<i>For &gt;250 To 500, Deduct</i>	-44.29	
			<i>For &gt;500, Deduct</i>	-64.84	
26 51 19 00-0047	EA		3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40).....	375.65	42.35
			<i>For &gt;50 To 100, Deduct</i>	-10.98	
			<i>For &gt;100 To 250, Deduct</i>	-20.37	
			<i>For &gt;250 To 500, Deduct</i>	-37.57	
			<i>For &gt;500, Deduct</i>	-54.76	
26 51 19 00-0048	EA		4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45).....	375.65	42.35
			<i>For &gt;50 To 100, Deduct</i>	-10.98	
			<i>For &gt;100 To 250, Deduct</i>	-20.37	
			<i>For &gt;250 To 500, Deduct</i>	-37.57	
			<i>For &gt;500, Deduct</i>	-54.76	
26 51 19 00-0049	EA		4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50).....	403.83	42.35
			<i>For &gt;50 To 100, Deduct</i>	-11.68	
			<i>For &gt;100 To 250, Deduct</i>	-21.78	
			<i>For &gt;250 To 500, Deduct</i>	-40.38	
			<i>For &gt;500, Deduct</i>	-58.99	
26 51 19 00-0050			<b>Volumetric, Lay-In/Troffer LED Fixtures</b> <small>(26 51 19 00-0034)</small>		
26 51 19 00-0051			<b>Volumetric, Lay-In/Troffer LED Fixtures (Lithonia)</b> <small>(26 51 19 00-0050)</small>		
26 51 19 00-0052	EA		1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4).....	483.02	38.44
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.21	
			<i>For &gt;50 To 100, Deduct</i>	-13.53	
			<i>For &gt;100 To 250, Deduct</i>	-25.61	
			<i>For &gt;250 To 500, Deduct</i>	-48.30	
			<i>For &gt;500, Deduct</i>	-71.00	
26 51 19 00-0053	EA		1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4).....	688.30	38.44
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.21	
			<i>For &gt;50 To 100, Deduct</i>	-18.66	
			<i>For &gt;100 To 250, Deduct</i>	-35.87	
			<i>For &gt;250 To 500, Deduct</i>	-68.83	
			<i>For &gt;500, Deduct</i>	-101.79	
26 51 19 00-0054	EA		2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2).....	533.56	42.35
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	42.56	
			<i>For &gt;50 To 100, Deduct</i>	-14.93	
			<i>For &gt;100 To 250, Deduct</i>	-28.27	
			<i>For &gt;250 To 500, Deduct</i>	-53.36	
			<i>For &gt;500, Deduct</i>	-78.45	
26 51 19 00-0055	EA		2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2).....	613.57	42.35
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	46.56	
			<i>For &gt;50 To 100, Deduct</i>	-16.93	
			<i>For &gt;100 To 250, Deduct</i>	-32.27	
			<i>For &gt;250 To 500, Deduct</i>	-61.36	
			<i>For &gt;500, Deduct</i>	-90.45	
26 51 19 00-0056	EA		2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2).....	677.57	42.35
			<i>For &gt;50 To 100, Deduct</i>	-18.53	
			<i>For &gt;100 To 250, Deduct</i>	-35.47	
			<i>For &gt;250 To 500, Deduct</i>	-67.76	
			<i>For &gt;500, Deduct</i>	-100.05	
26 51 19 00-0057	EA		2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4).....	688.17	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	52.94	
			<i>For &gt;50 To 100, Deduct</i>	-19.06	
			<i>For &gt;100 To 250, Deduct</i>	-36.26	
			<i>For &gt;250 To 500, Deduct</i>	-68.82	
			<i>For &gt;500, Deduct</i>	-101.37	
26 51 19 00-0058	EA		2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4).....	752.17	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	56.14	
			<i>For &gt;50 To 100, Deduct</i>	-20.66	
			<i>For &gt;100 To 250, Deduct</i>	-39.46	
			<i>For &gt;250 To 500, Deduct</i>	-75.22	
			<i>For &gt;500, Deduct</i>	-110.97	
26 51 19 00-0059	EA		2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4).....	816.18	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	59.34	
			<i>For &gt;50 To 100, Deduct</i>	-22.26	
			<i>For &gt;100 To 250, Deduct</i>	-42.66	
			<i>For &gt;250 To 500, Deduct</i>	-81.62	
			<i>For &gt;500, Deduct</i>	-120.57	
26 51 19 00-0060	EA		2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2).....	469.58	42.35
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	39.36	
			<i>For &gt;50 To 100, Deduct</i>	-13.33	
			<i>For &gt;100 To 250, Deduct</i>	-25.07	
			<i>For &gt;250 To 500, Deduct</i>	-46.96	
			<i>For &gt;500, Deduct</i>	-68.85	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0061	EA	2' x 2'	3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2).....	549.57	42.35
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	43.36	
			<i>For &gt;50 To 100, Deduct</i>	-15.33	
			<i>For &gt;100 To 250, Deduct</i>	-29.07	
			<i>For &gt;250 To 500, Deduct</i>	-54.96	
			<i>For &gt;500, Deduct</i>	-80.85	
26 51 19 00-0062	EA	2' x 2'	4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2).....	597.56	42.35
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	45.76	
			<i>For &gt;50 To 100, Deduct</i>	-16.53	
			<i>For &gt;100 To 250, Deduct</i>	-31.47	
			<i>For &gt;250 To 500, Deduct</i>	-59.76	
			<i>For &gt;500, Deduct</i>	-88.05	
26 51 19 00-0063	EA	2' x 4'	3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4).....	592.18	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	48.14	
			<i>For &gt;50 To 100, Deduct</i>	-16.66	
			<i>For &gt;100 To 250, Deduct</i>	-31.46	
			<i>For &gt;250 To 500, Deduct</i>	-59.22	
			<i>For &gt;500, Deduct</i>	-86.97	
26 51 19 00-0064	EA	2' x 4'	4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4).....	624.17	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	49.74	
			<i>For &gt;50 To 100, Deduct</i>	-17.46	
			<i>For &gt;100 To 250, Deduct</i>	-33.06	
			<i>For &gt;250 To 500, Deduct</i>	-62.42	
			<i>For &gt;500, Deduct</i>	-91.77	
26 51 19 00-0065	EA	2' x 4'	4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4).....	688.17	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	52.94	
			<i>For &gt;50 To 100, Deduct</i>	-19.06	
			<i>For &gt;100 To 250, Deduct</i>	-36.26	
			<i>For &gt;250 To 500, Deduct</i>	-68.82	
			<i>For &gt;500, Deduct</i>	-101.37	
26 51 19 00-0066			<b>Architectural, Lay-In/Troffer LED Fixtures</b> (26 51 19 00-0034)		
26 51 19 00-0067			<b>Architectural, Lay-In/Troffer LED Fixtures (Lithonia)</b> (26 51 19 00-0066)		
			Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0068	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	371.73	49.34	
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	37.12	
			<i>For &gt;50 To 100, Deduct</i>	-11.15	
			<i>For &gt;100 To 250, Deduct</i>	-20.44	
			<i>For &gt;250 To 500, Deduct</i>	-37.17	
			<i>For &gt;500, Deduct</i>	-53.91	
26 51 19 00-0069	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	435.08	49.34	
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	40.29	
			<i>For &gt;50 To 100, Deduct</i>	-12.73	
			<i>For &gt;100 To 250, Deduct</i>	-23.61	
			<i>For &gt;250 To 500, Deduct</i>	-43.51	
			<i>For &gt;500, Deduct</i>	-63.41	
26 51 19 00-0070	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	492.08	49.34	
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	43.14	
			<i>For &gt;50 To 100, Deduct</i>	-14.16	
			<i>For &gt;100 To 250, Deduct</i>	-26.46	
			<i>For &gt;250 To 500, Deduct</i>	-49.21	
			<i>For &gt;500, Deduct</i>	-71.96	
26 51 19 00-0071			<b>Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series)</b> (26 51 19 00-0066)		
			Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0072	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	492.28	49.34	
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	146.61	
			<i>For Surface Mount, Add</i>	270.41	
			<i>For &gt;50 To 100, Deduct</i>	-14.16	
			<i>For &gt;100 To 250, Deduct</i>	-26.47	
			<i>For &gt;250 To 500, Deduct</i>	-49.23	
			<i>For &gt;500, Deduct</i>	-71.99	
26 51 19 00-0073	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	532.33	49.34	
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	146.61	
			<i>For Surface Mount, Add</i>	270.41	
			<i>For &gt;50 To 100, Deduct</i>	-15.16	
			<i>For &gt;100 To 250, Deduct</i>	-28.47	
			<i>For &gt;250 To 500, Deduct</i>	-53.23	
			<i>For &gt;500, Deduct</i>	-78.00	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0074	EA		1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	532.33	49.34
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	146.61	
			<i>For Surface Mount, Add</i>	270.41	
			<i>For &gt;50 To 100, Deduct</i>	-15.16	
			<i>For &gt;100 To 250, Deduct</i>	-28.47	
			<i>For &gt;250 To 500, Deduct</i>	-53.23	
			<i>For &gt;500, Deduct</i>	-78.00	
26 51 19 00-0075	EA		1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™) .....	591.46	49.34
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	146.61	
			<i>For Surface Mount, Add</i>	270.41	
			<i>For &gt;50 To 100, Deduct</i>	-16.64	
			<i>For &gt;100 To 250, Deduct</i>	-31.43	
			<i>For &gt;250 To 500, Deduct</i>	-59.15	
			<i>For &gt;500, Deduct</i>	-86.87	
26 51 19 00-0076	EA		2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) .....	459.02	42.35
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	128.38	
			<i>For Surface Mount, Add</i>	254.94	
			<i>For &gt;50 To 100, Deduct</i>	-13.06	
			<i>For &gt;100 To 250, Deduct</i>	-24.54	
			<i>For &gt;250 To 500, Deduct</i>	-45.90	
			<i>For &gt;500, Deduct</i>	-67.26	
26 51 19 00-0077	EA		2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™) .....	432.09	42.35
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	128.38	
			<i>For Surface Mount, Add</i>	254.94	
			<i>For &gt;50 To 100, Deduct</i>	-12.39	
			<i>For &gt;100 To 250, Deduct</i>	-23.19	
			<i>For &gt;250 To 500, Deduct</i>	-43.21	
			<i>For &gt;500, Deduct</i>	-63.23	
26 51 19 00-0078	EA		2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	514.50	49.34
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	150.42	
			<i>For Surface Mount, Add</i>	295.21	
			<i>For &gt;50 To 100, Deduct</i>	-14.72	
			<i>For &gt;100 To 250, Deduct</i>	-27.58	
			<i>For &gt;250 To 500, Deduct</i>	-51.45	
			<i>For &gt;500, Deduct</i>	-75.32	
26 51 19 00-0079	EA		2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	532.33	49.34
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	150.42	
			<i>For Surface Mount, Add</i>	295.21	
			<i>For &gt;50 To 100, Deduct</i>	-15.16	
			<i>For &gt;100 To 250, Deduct</i>	-28.47	
			<i>For &gt;250 To 500, Deduct</i>	-53.23	
			<i>For &gt;500, Deduct</i>	-78.00	
26 51 19 00-0080	EA		2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	532.33	49.34
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	150.42	
			<i>For Surface Mount, Add</i>	295.21	
			<i>For &gt;50 To 100, Deduct</i>	-15.16	
			<i>For &gt;100 To 250, Deduct</i>	-28.47	
			<i>For &gt;250 To 500, Deduct</i>	-53.23	
			<i>For &gt;500, Deduct</i>	-78.00	
26 51 19 00-0081	EA		2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™) .....	683.01	49.34
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	150.42	
			<i>For Surface Mount, Add</i>	295.21	
			<i>For &gt;50 To 100, Deduct</i>	-18.93	
			<i>For &gt;100 To 250, Deduct</i>	-36.00	
			<i>For &gt;250 To 500, Deduct</i>	-68.30	
			<i>For &gt;500, Deduct</i>	-100.60	
26 51 19 00-0082	EA		2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™) .....	591.46	49.34
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	150.42	
			<i>For Surface Mount, Add</i>	295.21	
			<i>For &gt;50 To 100, Deduct</i>	-16.64	
			<i>For &gt;100 To 250, Deduct</i>	-31.43	
			<i>For &gt;250 To 500, Deduct</i>	-59.15	
			<i>For &gt;500, Deduct</i>	-86.87	

26 51 19 00-0083 Architectural, Lay-In/Troffer LED Fixtures (Metalux®) (26 51 19 00-0066)  
 Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0084	EA	2' x 2'	2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	266.47	42.35
			<i>For &gt;50 To 100, Deduct</i>	-8.25	
			<i>For &gt;100 To 250, Deduct</i>	-14.91	
			<i>For &gt;250 To 500, Deduct</i>	-26.65	
			<i>For &gt;500, Deduct</i>	-38.38	
26 51 19 00-0085	EA	2' x 4'	4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	353.63	49.34
			<i>For &gt;50 To 100, Deduct</i>	-10.69	
			<i>For &gt;100 To 250, Deduct</i>	-19.53	
			<i>For &gt;250 To 500, Deduct</i>	-35.36	
			<i>For &gt;500, Deduct</i>	-51.19	
<b>26 51 19 00-0086</b>			<b>Architectural, Lay-In/Troffer LED Fixtures (Finelite) <small>(26 51 19 00-0066)</small></b>		
			Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0087	EA	2' x 2'	4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2) .....	400.08	42.35
			<i>For &gt;50 To 100, Deduct</i>	-11.59	
			<i>For &gt;100 To 250, Deduct</i>	-21.59	
			<i>For &gt;250 To 500, Deduct</i>	-40.01	
			<i>For &gt;500, Deduct</i>	-58.42	
26 51 19 00-0088	EA	2' x 4'	4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2) .....	543.68	49.77
			<i>For &gt;50 To 100, Deduct</i>	-15.45	
			<i>For &gt;100 To 250, Deduct</i>	-29.04	
			<i>For &gt;250 To 500, Deduct</i>	-54.37	
			<i>For &gt;500, Deduct</i>	-79.70	
<b>26 51 19 00-0089</b>			<b>Shadow Box Style, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0034)</small></b>		
<b>26 51 19 00-0090</b>			<b>Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) <small>(26 51 19 00-0089)</small></b>		
26 51 19 00-0091	EA	2' x 2'	3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2).....	639.56	42.35
			<i>For Drywall Or Plaster Ceilings, Add</i>	28.59	
			<i>For &gt;50 To 100, Deduct</i>	-17.58	
			<i>For &gt;100 To 250, Deduct</i>	-33.57	
			<i>For &gt;250 To 500, Deduct</i>	-63.96	
			<i>For &gt;500, Deduct</i>	-94.35	
26 51 19 00-0092	EA	2' x 4'	4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4).....	873.93	49.34
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	62.23	
			<i>For &gt;50 To 100, Deduct</i>	-23.70	
			<i>For &gt;100 To 250, Deduct</i>	-45.55	
			<i>For &gt;250 To 500, Deduct</i>	-87.39	
			<i>For &gt;500, Deduct</i>	-129.24	
<b>26 51 19 00-0093</b>			<b>Panel Type, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0034)</small></b>		
<b>26 51 19 00-0094</b>			<b>Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) <small>(26 51 19 00-0093)</small></b>		
26 51 19 00-0095	EA	1' x 4'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34) .....	433.44	49.34
			<i>For &gt;50 To 100, Deduct</i>	-12.69	
			<i>For &gt;100 To 250, Deduct</i>	-23.53	
			<i>For &gt;250 To 500, Deduct</i>	-43.34	
			<i>For &gt;500, Deduct</i>	-63.16	
26 51 19 00-0096	EA	2' x 2'	3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34) .....	450.64	49.34
			<i>For &gt;50 To 100, Deduct</i>	-13.12	
			<i>For &gt;100 To 250, Deduct</i>	-24.39	
			<i>For &gt;250 To 500, Deduct</i>	-45.06	
			<i>For &gt;500, Deduct</i>	-65.74	
26 51 19 00-0097	EA	2' x 4'	4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40) .....	564.68	49.34
			<i>For &gt;50 To 100, Deduct</i>	-15.97	
			<i>For &gt;100 To 250, Deduct</i>	-30.09	
			<i>For &gt;250 To 500, Deduct</i>	-56.47	
			<i>For &gt;500, Deduct</i>	-82.85	
26 51 19 00-0098	EA	2' x 4'	5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52) .....	564.68	49.34
			<i>For &gt;50 To 100, Deduct</i>	-15.97	
			<i>For &gt;100 To 250, Deduct</i>	-30.09	
			<i>For &gt;250 To 500, Deduct</i>	-56.47	
			<i>For &gt;500, Deduct</i>	-82.85	
<b>26 51 19 00-0099</b>			<b>Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) <small>(26 51 19 00-0093)</small></b>		
26 51 19 00-0100	EA	1' x 4'	3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH).....	225.35	49.34
			<i>For Surface Mounting Kit (Sylvania SMK1T1A/14A/WH), Add</i>	56.49	
			<i>For &gt;50 To 100, Deduct</i>	-7.49	
			<i>For &gt;100 To 250, Deduct</i>	-13.12	
			<i>For &gt;250 To 500, Deduct</i>	-22.54	
			<i>For &gt;500, Deduct</i>	-31.95	
26 51 19 00-0101	EA	2' x 2'	3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH).....	232.71	49.34
			<i>For &gt;50 To 100, Deduct</i>	-7.67	
			<i>For &gt;100 To 250, Deduct</i>	-13.49	
			<i>For &gt;250 To 500, Deduct</i>	-23.27	
			<i>For &gt;500, Deduct</i>	-33.05	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0102	EA		2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH).....	236.08	49.34
			<i>For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)</i>	70.62	
			<i>For &gt;50 To 100, Deduct</i>	-7.76	
			<i>For &gt;100 To 250, Deduct</i>	-13.66	
			<i>For &gt;250 To 500, Deduct</i>	-23.61	
			<i>For &gt;500, Deduct</i>	-33.56	
26 51 19 00-0103	EA		2' x 4', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH).....	554.32	49.34
			<i>For &gt;50 To 100, Deduct</i>	-15.71	
			<i>For &gt;100 To 250, Deduct</i>	-29.57	
			<i>For &gt;250 To 500, Deduct</i>	-55.43	
			<i>For &gt;500, Deduct</i>	-81.30	
<b>26 51 19 00-0104</b>			<b>Surface Mount LED Fixtures</b> (26 51 19 00-0001)		
<b>26 51 19 00-0105</b>			<b>Surface Mount, Volumetric LED Fixtures (Lithonia STL)</b> (26 51 19 00-0104)		
26 51 19 00-0106	EA		2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2).....	326.25	31.76
			<i>For &gt;50 To 100, Deduct</i>	-9.35	
			<i>For &gt;100 To 250, Deduct</i>	-17.50	
			<i>For &gt;250 To 500, Deduct</i>	-32.63	
			<i>For &gt;500, Deduct</i>	-47.75	
26 51 19 00-0107	EA		4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4).....	278.32	38.75
			<i>For &gt;50 To 100, Deduct</i>	-8.41	
			<i>For &gt;100 To 250, Deduct</i>	-15.37	
			<i>For &gt;250 To 500, Deduct</i>	-27.83	
			<i>For &gt;500, Deduct</i>	-40.29	
26 51 19 00-0108	EA		4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4).....	330.18	38.75
			<i>For &gt;50 To 100, Deduct</i>	-9.71	
			<i>For &gt;100 To 250, Deduct</i>	-17.97	
			<i>For &gt;250 To 500, Deduct</i>	-33.02	
			<i>For &gt;500, Deduct</i>	-48.07	
<b>26 51 19 00-0109</b>			<b>Surface Mount, Wraparound LED Fixtures (Lithonia LBL)</b> (26 51 19 00-0104)		
26 51 19 00-0110	EA		2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2).....	275.02	31.76
			<i>For &gt;50 To 100, Deduct</i>	-8.07	
			<i>For &gt;100 To 250, Deduct</i>	-14.94	
			<i>For &gt;250 To 500, Deduct</i>	-27.50	
			<i>For &gt;500, Deduct</i>	-40.06	
26 51 19 00-0111	EA		4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4).....	361.81	38.75
			<i>For &gt;50 To 100, Deduct</i>	-10.50	
			<i>For &gt;100 To 250, Deduct</i>	-19.55	
			<i>For &gt;250 To 500, Deduct</i>	-36.18	
			<i>For &gt;500, Deduct</i>	-52.82	
<b>26 51 19 00-0112</b>			<b>Surface Mount, Shadow Box Style LED Fixtures</b> (26 51 19 00-0104)		
<b>26 51 19 00-0113</b>			<b>Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX)</b> (26 51 19 00-0112)		
26 51 19 00-0114	EA		2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2).....	822.45	42.35
			<i>For &gt;50 To 100, Deduct</i>	-22.15	
			<i>For &gt;100 To 250, Deduct</i>	-42.71	
			<i>For &gt;250 To 500, Deduct</i>	-82.25	
			<i>For &gt;500, Deduct</i>	-121.78	
26 51 19 00-0115	EA		2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4).....	1,056.81	49.34
			<i>For &gt;50 To 100, Deduct</i>	-28.27	
			<i>For &gt;100 To 250, Deduct</i>	-54.69	
			<i>For &gt;250 To 500, Deduct</i>	-105.68	
			<i>For &gt;500, Deduct</i>	-156.67	
<b>26 51 19 00-0116</b>			<b>Surface Mount, Low Profile Fixtures</b> (26 51 19 00-0104)		
26 51 19 00-0117	EA		6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90).....	104.69	29.03
			<i>For &gt;50 To 100, Deduct</i>	-4.07	
			<i>For &gt;100 To 250, Deduct</i>	-6.69	
			<i>For &gt;250 To 500, Deduct</i>	-10.47	
			<i>For &gt;500, Deduct</i>	-14.25	
26 51 19 00-0118	EA		6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569).....	84.44	29.03
			<i>For &gt;50 To 100, Deduct</i>	-3.56	
			<i>For &gt;100 To 250, Deduct</i>	-5.67	
			<i>For &gt;250 To 500, Deduct</i>	-8.44	
			<i>For &gt;500, Deduct</i>	-11.21	
26 51 19 00-0119	EA		13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329).....	147.20	29.03
			<i>For &gt;50 To 100, Deduct</i>	-5.13	
			<i>For &gt;100 To 250, Deduct</i>	-8.81	
			<i>For &gt;250 To 500, Deduct</i>	-14.72	
			<i>For &gt;500, Deduct</i>	-20.63	
26 51 19 00-0120	EA		15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330).....	179.60	29.03
			<i>For &gt;50 To 100, Deduct</i>	-5.94	
			<i>For &gt;100 To 250, Deduct</i>	-10.43	
			<i>For &gt;250 To 500, Deduct</i>	-17.96	
			<i>For &gt;500, Deduct</i>	-25.49	



**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION  
UNIT COST UNIT COST

26 51 19 00-0121	Recessed LED Downlights <small>(26 51 19 00-0001)</small>		
26 51 19 00-0122	Recessed LED Downlights <small>(26 51 19 00-0121)</small>		
26 51 19 00-0123	Recessed LED Downlights (Lithonia) <small>(26 51 19 00-0122)</small>		
	Note: Includes housing and trim.		
26 51 19 00-0124	EA 8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	371.57	51.00
	For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	77.31	
	For >50 To 100, Deduct	-11.20	
	For >100 To 250, Deduct	-20.49	
	For >250 To 500, Deduct	-37.16	
	For >500, Deduct	-53.82	
26 51 19 00-0125	EA 8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	403.24	51.00
	For Dimming Driver And Sensor Switch nLight Dimming Relay, Add	77.31	
	For >50 To 100, Deduct	-11.99	
	For >100 To 250, Deduct	-22.07	
	For >250 To 500, Deduct	-40.32	
	For >500, Deduct	-58.57	
26 51 19 00-0126	Recessed LED Downlights (Portfolio®) <small>(26 51 19 00-0122)</small>		
	Note: Includes housing and trim.		
26 51 19 00-0127	EA 4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413).....	236.87	51.00
	For >50 To 100, Deduct	-7.83	
	For >100 To 250, Deduct	-13.76	
	For >250 To 500, Deduct	-23.69	
	For >500, Deduct	-33.62	
26 51 19 00-0128	Recessed LED Downlights (Gotham® EVO®) <small>(26 51 19 00-0122)</small>		
	Note: Includes housing and trim.		
26 51 19 00-0129	EA 6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED).....	295.45	51.00
	For >50 To 100, Deduct	-9.30	
	For >100 To 250, Deduct	-16.69	
	For >250 To 500, Deduct	-29.55	
	For >500, Deduct	-42.41	
26 51 19 00-0130	EA 6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	304.76	51.00
	For >50 To 100, Deduct	-9.53	
	For >100 To 250, Deduct	-17.15	
	For >250 To 500, Deduct	-30.48	
	For >500, Deduct	-43.80	
26 51 19 00-0131	EA 6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED).....	342.95	51.00
	For >50 To 100, Deduct	-10.49	
	For >100 To 250, Deduct	-19.06	
	For >250 To 500, Deduct	-34.30	
	For >500, Deduct	-49.53	
26 51 19 00-0132	EA 6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....	346.68	51.00
	For >50 To 100, Deduct	-10.58	
	For >100 To 250, Deduct	-19.25	
	For >250 To 500, Deduct	-34.67	
	For >500, Deduct	-50.09	
26 51 19 00-0133	EA 6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED).....	379.27	51.00
	For >50 To 100, Deduct	-11.39	
	For >100 To 250, Deduct	-20.88	
	For >250 To 500, Deduct	-37.93	
	For >500, Deduct	-54.98	
26 51 19 00-0134	Recessed LED Downlights (Lightolier) <small>(26 51 19 00-0122)</small>		
	Note: Includes housing and trim.		
26 51 19 00-0135	EA 4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL).....	612.28	51.00
	For >50 To 100, Deduct	-17.22	
	For >100 To 250, Deduct	-32.53	
	For >250 To 500, Deduct	-61.23	
	For >500, Deduct	-89.93	
26 51 19 00-0136	EA 4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL).....	719.71	51.00
	For >50 To 100, Deduct	-19.91	
	For >100 To 250, Deduct	-37.90	
	For >250 To 500, Deduct	-71.97	
	For >500, Deduct	-106.04	
26 51 19 00-0137	EA 6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	773.31	51.00
	For >50 To 100, Deduct	-21.25	
	For >100 To 250, Deduct	-40.58	
	For >250 To 500, Deduct	-77.33	
	For >500, Deduct	-114.08	
26 51 19 00-0138	EA 6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	773.31	51.00
	For >50 To 100, Deduct	-21.25	
	For >100 To 250, Deduct	-40.58	
	For >250 To 500, Deduct	-77.33	
	For >500, Deduct	-114.08	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0139 EA 7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	800.23	51.00
For >50 To 100, Deduct	-21.92	
For >100 To 250, Deduct	-41.92	
For >250 To 500, Deduct	-80.02	
For >500, Deduct	-118.12	
26 51 19 00-0140 EA 7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	827.16	51.00
For >50 To 100, Deduct	-22.59	
For >100 To 250, Deduct	-43.27	
For >250 To 500, Deduct	-82.72	
For >500, Deduct	-122.16	
<b>26 51 19 00-0141 Recessed LED Downlights (Cooper) (26 51 19 00-0122)</b>		
26 51 19 00-0142 EA 600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827) .....	153.91	51.00
For >50 To 100, Deduct	-5.76	
For >100 To 250, Deduct	-9.61	
For >250 To 500, Deduct	-15.39	
For >500, Deduct	-21.17	
26 51 19 00-0143 EA 600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830) .....	153.91	51.00
For >50 To 100, Deduct	-5.76	
For >100 To 250, Deduct	-9.61	
For >250 To 500, Deduct	-15.39	
For >500, Deduct	-21.17	
26 51 19 00-0144 EA 600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835) .....	153.91	51.00
For >50 To 100, Deduct	-5.76	
For >100 To 250, Deduct	-9.61	
For >250 To 500, Deduct	-15.39	
For >500, Deduct	-21.17	
26 51 19 00-0145 EA 600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840) .....	153.91	51.00
For >50 To 100, Deduct	-5.76	
For >100 To 250, Deduct	-9.61	
For >250 To 500, Deduct	-15.39	
For >500, Deduct	-21.17	
26 51 19 00-0146 EA 900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827) .....	156.79	51.00
For >50 To 100, Deduct	-5.83	
For >100 To 250, Deduct	-9.75	
For >250 To 500, Deduct	-15.68	
For >500, Deduct	-21.61	
26 51 19 00-0147 EA 900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830) .....	156.79	51.00
For >50 To 100, Deduct	-5.83	
For >100 To 250, Deduct	-9.75	
For >250 To 500, Deduct	-15.68	
For >500, Deduct	-21.61	
26 51 19 00-0148 EA 900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835) .....	156.79	51.00
For >50 To 100, Deduct	-5.83	
For >100 To 250, Deduct	-9.75	
For >250 To 500, Deduct	-15.68	
For >500, Deduct	-21.61	
26 51 19 00-0149 EA 900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840) .....	156.79	51.00
For >50 To 100, Deduct	-5.83	
For >100 To 250, Deduct	-9.75	
For >250 To 500, Deduct	-15.68	
For >500, Deduct	-21.61	
26 51 19 00-0150 EA 1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827) .....	195.89	51.00
For >50 To 100, Deduct	-6.81	
For >100 To 250, Deduct	-11.71	
For >250 To 500, Deduct	-19.59	
For >500, Deduct	-27.47	
26 51 19 00-0151 EA 1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830) .....	193.90	51.00
For >50 To 100, Deduct	-6.76	
For >100 To 250, Deduct	-11.61	
For >250 To 500, Deduct	-19.39	
For >500, Deduct	-27.17	
26 51 19 00-0152 EA 1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835) .....	193.90	51.00
For >50 To 100, Deduct	-6.76	
For >100 To 250, Deduct	-11.61	
For >250 To 500, Deduct	-19.39	
For >500, Deduct	-27.17	
26 51 19 00-0153 EA 1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840) .....	193.90	51.00
For >50 To 100, Deduct	-6.76	
For >100 To 250, Deduct	-11.61	
For >250 To 500, Deduct	-19.39	
For >500, Deduct	-27.17	
26 51 19 00-0154 EA 5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB) .....	93.90	16.23
For >50 To 100, Deduct	-2.96	
For >100 To 250, Deduct	-5.30	
For >250 To 500, Deduct	-9.39	
For >500, Deduct	-13.48	
26 51 19 00-0155 EA 5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC) .....	58.12	16.23
For >50 To 100, Deduct	-2.06	
For >100 To 250, Deduct	-3.51	
For >250 To 500, Deduct	-5.81	
For >500, Deduct	-8.11	

**26 Electrical**

**26 50 Lighting**

**26 51 Interior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0156	EA	5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H) .....	73.52	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.45	
			<i>For &gt;100 To 250, Deduct</i>	-4.28	
			<i>For &gt;250 To 500, Deduct</i>	-7.35	
			<i>For &gt;500, Deduct</i>	-10.42	
26 51	19 00-0157	EA	5" LED Trim, White Reflector And Flange (Cooper Halo 592W).....	61.22	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.14	
			<i>For &gt;100 To 250, Deduct</i>	-3.67	
			<i>For &gt;250 To 500, Deduct</i>	-6.12	
			<i>For &gt;500, Deduct</i>	-8.57	
26 51	19 00-0158	EA	5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB) .....	48.63	16.23
			<i>For &gt;50 To 100, Deduct</i>	-1.82	
			<i>For &gt;100 To 250, Deduct</i>	-3.04	
			<i>For &gt;250 To 500, Deduct</i>	-4.86	
			<i>For &gt;500, Deduct</i>	-6.69	
26 51	19 00-0159	EA	5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB).....	60.67	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.13	
			<i>For &gt;100 To 250, Deduct</i>	-3.64	
			<i>For &gt;250 To 500, Deduct</i>	-6.07	
			<i>For &gt;500, Deduct</i>	-8.49	
26 51	19 00-0160	EA	5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB) .....	67.99	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.31	
			<i>For &gt;100 To 250, Deduct</i>	-4.01	
			<i>For &gt;250 To 500, Deduct</i>	-6.80	
			<i>For &gt;500, Deduct</i>	-9.59	
26 51	19 00-0161	EA	5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB) .....	74.52	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.47	
			<i>For &gt;100 To 250, Deduct</i>	-4.33	
			<i>For &gt;250 To 500, Deduct</i>	-7.45	
			<i>For &gt;500, Deduct</i>	-10.57	
26 51	19 00-0162	EA	5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB).....	87.26	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.79	
			<i>For &gt;100 To 250, Deduct</i>	-4.97	
			<i>For &gt;250 To 500, Deduct</i>	-8.73	
			<i>For &gt;500, Deduct</i>	-12.48	
26 51	19 00-0163	EA	5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB) .....	87.67	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.80	
			<i>For &gt;100 To 250, Deduct</i>	-4.99	
			<i>For &gt;250 To 500, Deduct</i>	-8.77	
			<i>For &gt;500, Deduct</i>	-12.54	
26 51	19 00-0164	EA	5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB) .....	85.84	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.75	
			<i>For &gt;100 To 250, Deduct</i>	-4.90	
			<i>For &gt;250 To 500, Deduct</i>	-8.58	
			<i>For &gt;500, Deduct</i>	-12.27	
26 51	19 00-0165	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW).....	106.76	16.23
			<i>For &gt;50 To 100, Deduct</i>	-3.28	
			<i>For &gt;100 To 250, Deduct</i>	-5.95	
			<i>For &gt;250 To 500, Deduct</i>	-10.68	
			<i>For &gt;500, Deduct</i>	-15.41	
26 51	19 00-0166	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB) .....	49.08	16.23
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100 To 250, Deduct</i>	-3.06	
			<i>For &gt;250 To 500, Deduct</i>	-4.91	
			<i>For &gt;500, Deduct</i>	-6.75	
26 51	19 00-0167	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB).....	90.84	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.88	
			<i>For &gt;100 To 250, Deduct</i>	-5.15	
			<i>For &gt;250 To 500, Deduct</i>	-9.08	
			<i>For &gt;500, Deduct</i>	-13.02	
26 51	19 00-0168	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC) .....	76.76	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.53	
			<i>For &gt;100 To 250, Deduct</i>	-4.45	
			<i>For &gt;250 To 500, Deduct</i>	-7.68	
			<i>For &gt;500, Deduct</i>	-10.91	
26 51	19 00-0169	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H) .....	71.82	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.40	
			<i>For &gt;100 To 250, Deduct</i>	-4.20	
			<i>For &gt;250 To 500, Deduct</i>	-7.18	
			<i>For &gt;500, Deduct</i>	-10.16	
26 51	19 00-0170	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W).....	63.67	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.20	
			<i>For &gt;100 To 250, Deduct</i>	-3.79	
			<i>For &gt;250 To 500, Deduct</i>	-6.37	
			<i>For &gt;500, Deduct</i>	-8.94	
26 51	19 00-0171	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB) .....	64.26	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.22	
			<i>For &gt;100 To 250, Deduct</i>	-3.82	
			<i>For &gt;250 To 500, Deduct</i>	-6.43	
			<i>For &gt;500, Deduct</i>	-9.03	
26 51	19 00-0172	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB).....	69.49	16.23
			<i>For &gt;50 To 100, Deduct</i>	-2.35	
			<i>For &gt;100 To 250, Deduct</i>	-4.08	
			<i>For &gt;250 To 500, Deduct</i>	-6.95	
			<i>For &gt;500, Deduct</i>	-9.82	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0173 EA 6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB).....	63.35	16.23
For >50 To 100, Deduct	-2.19	
For >100 To 250, Deduct	-3.78	
For >250 To 500, Deduct	-6.34	
For >500, Deduct	-8.89	
26 51 19 00-0174 EA 6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB) .....	80.02	16.23
For >50 To 100, Deduct	-2.61	
For >100 To 250, Deduct	-4.61	
For >250 To 500, Deduct	-8.00	
For >500, Deduct	-11.39	
26 51 19 00-0175 EA 6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB) .....	87.05	16.23
For >50 To 100, Deduct	-2.78	
For >100 To 250, Deduct	-4.96	
For >250 To 500, Deduct	-8.71	
For >500, Deduct	-12.45	
26 51 19 00-0176 EA 6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB) .....	110.42	16.23
For >50 To 100, Deduct	-3.37	
For >100 To 250, Deduct	-6.13	
For >250 To 500, Deduct	-11.04	
For >500, Deduct	-15.95	
26 51 19 00-0177 EA 6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB) .....	107.49	16.23
For >50 To 100, Deduct	-3.30	
For >100 To 250, Deduct	-5.98	
For >250 To 500, Deduct	-10.75	
For >500, Deduct	-15.52	
26 51 19 00-0178 EA 6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695VWV) .....	108.78	16.23
For >50 To 100, Deduct	-3.33	
For >100 To 250, Deduct	-6.05	
For >250 To 500, Deduct	-10.88	
For >500, Deduct	-15.71	
26 51 19 00-0179 EA 6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB) .....	64.97	16.23
For >50 To 100, Deduct	-2.23	
For >100 To 250, Deduct	-3.86	
For >250 To 500, Deduct	-6.50	
For >500, Deduct	-9.14	
26 51 19 00-0180 EA 6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT) .....	58.44	34.77
For >50 To 100, Deduct	-2.77	
For >100 To 250, Deduct	-4.23	
For >250 To 500, Deduct	-5.84	
For >500, Deduct	-7.46	
26 51 19 00-0181 EA 6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT) .....	64.17	34.77
For >50 To 100, Deduct	-2.91	
For >100 To 250, Deduct	-4.51	
For >250 To 500, Deduct	-6.42	
For >500, Deduct	-8.32	
26 51 19 00-0182 EA 6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T) .....	61.88	34.77
For >50 To 100, Deduct	-2.85	
For >100 To 250, Deduct	-4.40	
For >250 To 500, Deduct	-6.19	
For >500, Deduct	-7.98	
26 51 19 00-0183 EA 6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP) .....	84.43	34.77
For >50 To 100, Deduct	-3.41	
For >100 To 250, Deduct	-5.53	
For >250 To 500, Deduct	-8.44	
For >500, Deduct	-11.36	
26 51 19 00-0184 EA 6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT) .....	81.78	34.77
For >50 To 100, Deduct	-3.35	
For >100 To 250, Deduct	-5.39	
For >250 To 500, Deduct	-8.18	
For >500, Deduct	-10.96	
26 51 19 00-0185 EA 6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT) .....	64.95	34.77
For >50 To 100, Deduct	-2.93	
For >100 To 250, Deduct	-4.55	
For >250 To 500, Deduct	-6.50	
For >500, Deduct	-8.44	
26 51 19 00-0186 EA 6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT) .....	68.80	34.77
For >50 To 100, Deduct	-3.02	
For >100 To 250, Deduct	-4.74	
For >250 To 500, Deduct	-6.88	
For >500, Deduct	-9.02	
26 51 19 00-0187 EA 6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT) .....	64.14	34.77
For >50 To 100, Deduct	-2.91	
For >100 To 250, Deduct	-4.51	
For >250 To 500, Deduct	-6.41	
For >500, Deduct	-8.32	
26 51 19 00-0188 EA 6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT) .....	68.36	34.77
For >50 To 100, Deduct	-3.01	
For >100 To 250, Deduct	-4.72	
For >250 To 500, Deduct	-6.84	
For >500, Deduct	-8.95	
26 51 19 00-0189 EA 6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB) .....	64.84	34.77
For >50 To 100, Deduct	-2.93	
For >100 To 250, Deduct	-4.55	
For >250 To 500, Deduct	-6.48	
For >500, Deduct	-8.42	

**26 Electrical**

**26 50 Lighting**

**26 51 Interior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0190	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB) .....	64.45	34.77
			<i>For &gt;50 To 100, Deduct</i>	-2.92	
			<i>For &gt;100 To 250, Deduct</i>	-4.53	
			<i>For &gt;250 To 500, Deduct</i>	-6.45	
			<i>For &gt;500, Deduct</i>	-8.36	
26 51	19 00-0191	EA	6" Non-IC, New Construction Housing (Cooper Halo H7T).....	67.49	34.77
			<i>For &gt;50 To 100, Deduct</i>	-2.99	
			<i>For &gt;100 To 250, Deduct</i>	-4.68	
			<i>For &gt;250 To 500, Deduct</i>	-6.75	
			<i>For &gt;500, Deduct</i>	-8.82	
26 51	19 00-0192	EA	6" Non-IC, Remodel Housing (Cooper Halo H7RT).....	69.15	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.03	
			<i>For &gt;100 To 250, Deduct</i>	-4.76	
			<i>For &gt;250 To 500, Deduct</i>	-6.92	
			<i>For &gt;500, Deduct</i>	-9.07	
26 51	19 00-0193	EA	6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB).....	69.67	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.05	
			<i>For &gt;100 To 250, Deduct</i>	-4.79	
			<i>For &gt;250 To 500, Deduct</i>	-6.97	
			<i>For &gt;500, Deduct</i>	-9.15	
26 51	19 00-0194	EA	6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP).....	95.22	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.68	
			<i>For &gt;100 To 250, Deduct</i>	-6.07	
			<i>For &gt;250 To 500, Deduct</i>	-9.52	
			<i>For &gt;500, Deduct</i>	-12.98	
26 51	19 00-0195	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UIC).....	88.81	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.52	
			<i>For &gt;100 To 250, Deduct</i>	-5.74	
			<i>For &gt;250 To 500, Deduct</i>	-8.88	
			<i>For &gt;500, Deduct</i>	-12.02	
26 51	19 00-0196	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT).....	89.55	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.54	
			<i>For &gt;100 To 250, Deduct</i>	-5.78	
			<i>For &gt;250 To 500, Deduct</i>	-8.96	
			<i>For &gt;500, Deduct</i>	-12.13	
26 51	19 00-0197	EA	6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT).....	93.84	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.65	
			<i>For &gt;100 To 250, Deduct</i>	-6.00	
			<i>For &gt;250 To 500, Deduct</i>	-9.38	
			<i>For &gt;500, Deduct</i>	-12.77	
26 51	19 00-0198	EA	6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT).....	93.84	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.65	
			<i>For &gt;100 To 250, Deduct</i>	-6.00	
			<i>For &gt;250 To 500, Deduct</i>	-9.38	
			<i>For &gt;500, Deduct</i>	-12.77	
26 51	19 00-0199	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700).....	93.84	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.65	
			<i>For &gt;100 To 250, Deduct</i>	-6.00	
			<i>For &gt;250 To 500, Deduct</i>	-9.38	
			<i>For &gt;500, Deduct</i>	-12.77	
26 51	19 00-0200	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R).....	93.84	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.65	
			<i>For &gt;100 To 250, Deduct</i>	-6.00	
			<i>For &gt;250 To 500, Deduct</i>	-9.38	
			<i>For &gt;500, Deduct</i>	-12.77	
26 51	19 00-0201	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB).....	93.84	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.65	
			<i>For &gt;100 To 250, Deduct</i>	-6.00	
			<i>For &gt;250 To 500, Deduct</i>	-9.38	
			<i>For &gt;500, Deduct</i>	-12.77	
26 51	19 00-0202	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB).....	82.62	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 250, Deduct</i>	-5.44	
			<i>For &gt;250 To 500, Deduct</i>	-8.26	
			<i>For &gt;500, Deduct</i>	-11.09	
26 51	19 00-0203	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U).....	82.62	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 250, Deduct</i>	-5.44	
			<i>For &gt;250 To 500, Deduct</i>	-8.26	
			<i>For &gt;500, Deduct</i>	-11.09	
26 51	19 00-0204	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT).....	82.62	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 250, Deduct</i>	-5.44	
			<i>For &gt;250 To 500, Deduct</i>	-8.26	
			<i>For &gt;500, Deduct</i>	-11.09	
26 51	19 00-0205	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700).....	82.62	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 250, Deduct</i>	-5.44	
			<i>For &gt;250 To 500, Deduct</i>	-8.26	
			<i>For &gt;500, Deduct</i>	-11.09	
26 51	19 00-0206	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R).....	82.62	34.77
			<i>For &gt;50 To 100, Deduct</i>	-3.37	
			<i>For &gt;100 To 250, Deduct</i>	-5.44	
			<i>For &gt;250 To 500, Deduct</i>	-8.26	
			<i>For &gt;500, Deduct</i>	-11.09	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0207 EA 6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT).....	83.44	34.77
For >50 To 100, Deduct	-3.39	
For >100 To 250, Deduct	-5.48	
For >250 To 500, Deduct	-8.34	
For >500, Deduct	-11.21	
26 51 19 00-0208 EA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT).....	96.04	34.77
For >50 To 100, Deduct	-3.71	
For >100 To 250, Deduct	-6.11	
For >250 To 500, Deduct	-9.60	
For >500, Deduct	-13.10	
26 51 19 00-0209 EA 6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT) .....	83.44	34.77
For >50 To 100, Deduct	-3.39	
For >100 To 250, Deduct	-5.48	
For >250 To 500, Deduct	-8.34	
For >500, Deduct	-11.21	
26 51 19 00-0210 EA 6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT).....	92.48	34.77
For >50 To 100, Deduct	-3.62	
For >100 To 250, Deduct	-5.93	
For >250 To 500, Deduct	-9.25	
For >500, Deduct	-12.57	
26 51 19 00-0211 EA 6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T) .....	78.34	34.77
For >50 To 100, Deduct	-3.26	
For >100 To 250, Deduct	-5.22	
For >250 To 500, Deduct	-7.83	
For >500, Deduct	-10.45	
26 51 19 00-0212 EA 6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT) .....	79.58	34.77
For >50 To 100, Deduct	-3.29	
For >100 To 250, Deduct	-5.28	
For >250 To 500, Deduct	-7.96	
For >500, Deduct	-10.63	
26 51 19 00-0213 EA 6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT) .....	88.38	34.77
For >50 To 100, Deduct	-3.51	
For >100 To 250, Deduct	-5.72	
For >250 To 500, Deduct	-8.84	
For >500, Deduct	-11.95	
26 51 19 00-0214 EA 6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700) .....	88.38	34.77
For >50 To 100, Deduct	-3.51	
For >100 To 250, Deduct	-5.72	
For >250 To 500, Deduct	-8.84	
For >500, Deduct	-11.95	
26 51 19 00-0215 EA 6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R) .....	88.38	34.77
For >50 To 100, Deduct	-3.51	
For >100 To 250, Deduct	-5.72	
For >250 To 500, Deduct	-8.84	
For >500, Deduct	-11.95	
26 51 19 00-0216 EA 6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700) .....	88.38	34.77
For >50 To 100, Deduct	-3.51	
For >100 To 250, Deduct	-5.72	
For >250 To 500, Deduct	-8.84	
For >500, Deduct	-11.95	
26 51 19 00-0217 EA 6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R).....	88.38	34.77
For >50 To 100, Deduct	-3.51	
For >100 To 250, Deduct	-5.72	
For >250 To 500, Deduct	-8.84	
For >500, Deduct	-11.95	
26 51 19 00-0218 EA 6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK) .....	74.26	16.23
For >50 To 100, Deduct	-2.47	
For >100 To 250, Deduct	-4.32	
For >250 To 500, Deduct	-7.43	
For >500, Deduct	-10.53	
26 51 19 00-0219 EA 6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK).....	76.82	16.23
For >50 To 100, Deduct	-2.53	
For >100 To 250, Deduct	-4.45	
For >250 To 500, Deduct	-7.68	
For >500, Deduct	-10.91	
26 51 19 00-0220 EA 5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT) .....	72.77	34.77
For >50 To 100, Deduct	-3.12	
For >100 To 250, Deduct	-4.94	
For >250 To 500, Deduct	-7.28	
For >500, Deduct	-9.61	
26 51 19 00-0221 EA 5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT) .....	73.08	34.77
For >50 To 100, Deduct	-3.13	
For >100 To 250, Deduct	-4.96	
For >250 To 500, Deduct	-7.31	
For >500, Deduct	-9.66	
26 51 19 00-0222 EA 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT).....	67.76	34.77
For >50 To 100, Deduct	-3.00	
For >100 To 250, Deduct	-4.69	
For >250 To 500, Deduct	-6.78	
For >500, Deduct	-8.86	
26 51 19 00-0223 EA 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT) .....	70.37	34.77
For >50 To 100, Deduct	-3.06	
For >100 To 250, Deduct	-4.82	
For >250 To 500, Deduct	-7.04	
For >500, Deduct	-9.25	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0224	EA 5" Non-IC, New Construction Housing (Cooper Halo H5T).....	69.52	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.04	
	<i>For &gt;100 To 250, Deduct</i>	-4.78	
	<i>For &gt;250 To 500, Deduct</i>	-6.95	
	<i>For &gt;500, Deduct</i>	-9.12	
26 51 19 00-0225	EA 5" Non-IC, Remodel Housing (Cooper Halo H5RT).....	70.31	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.06	
	<i>For &gt;100 To 250, Deduct</i>	-4.82	
	<i>For &gt;250 To 500, Deduct</i>	-7.03	
	<i>For &gt;500, Deduct</i>	-9.24	
26 51 19 00-0226	EA 5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT).....	81.51	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.34	
	<i>For &gt;100 To 250, Deduct</i>	-5.38	
	<i>For &gt;250 To 500, Deduct</i>	-8.15	
	<i>For &gt;500, Deduct</i>	-10.92	
26 51 19 00-0227	EA 5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT).....	82.11	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.36	
	<i>For &gt;100 To 250, Deduct</i>	-5.41	
	<i>For &gt;250 To 500, Deduct</i>	-8.21	
	<i>For &gt;500, Deduct</i>	-11.01	
26 51 19 00-0228	EA 5" Non-IC, New Construction Housing (Cooper Halo ET500).....	85.12	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.43	
	<i>For &gt;100 To 250, Deduct</i>	-5.56	
	<i>For &gt;250 To 500, Deduct</i>	-8.51	
	<i>For &gt;500, Deduct</i>	-11.46	
26 51 19 00-0229	EA 5" Non-IC, Remodel Housing (Cooper Halo ET500R).....	87.23	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.48	
	<i>For &gt;100 To 250, Deduct</i>	-5.67	
	<i>For &gt;250 To 500, Deduct</i>	-8.72	
	<i>For &gt;500, Deduct</i>	-11.78	
26 51 19 00-0230	EA 5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT).....	96.50	34.77
	<i>For &gt;50 To 100, Deduct</i>	-3.72	
	<i>For &gt;100 To 250, Deduct</i>	-6.13	
	<i>For &gt;250 To 500, Deduct</i>	-9.65	
	<i>For &gt;500, Deduct</i>	-13.17	
<b>26 51 19 00-0231</b>	<b>Recessed LED Downlights (Maxlite DLR)</b> <small>(26 51 19 00-0122)</small>		
26 51 19 00-0232	EA 4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410).....	174.12	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.27	
	<i>For &gt;100 To 250, Deduct</i>	-10.62	
	<i>For &gt;250 To 500, Deduct</i>	-17.41	
	<i>For &gt;500, Deduct</i>	-24.21	
26 51 19 00-0233	EA 4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415).....	176.62	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.33	
	<i>For &gt;100 To 250, Deduct</i>	-10.74	
	<i>For &gt;250 To 500, Deduct</i>	-17.66	
	<i>For &gt;500, Deduct</i>	-24.58	
26 51 19 00-0234	EA 4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420).....	184.14	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.52	
	<i>For &gt;100 To 250, Deduct</i>	-11.12	
	<i>For &gt;250 To 500, Deduct</i>	-18.41	
	<i>For &gt;500, Deduct</i>	-25.71	
26 51 19 00-0235	EA 6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615).....	169.10	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.14	
	<i>For &gt;100 To 250, Deduct</i>	-10.37	
	<i>For &gt;250 To 500, Deduct</i>	-16.91	
	<i>For &gt;500, Deduct</i>	-23.45	
26 51 19 00-0236	EA 6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620).....	169.10	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.14	
	<i>For &gt;100 To 250, Deduct</i>	-10.37	
	<i>For &gt;250 To 500, Deduct</i>	-16.91	
	<i>For &gt;500, Deduct</i>	-23.45	
26 51 19 00-0237	EA 6" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630).....	169.10	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.14	
	<i>For &gt;100 To 250, Deduct</i>	-10.37	
	<i>For &gt;250 To 500, Deduct</i>	-16.91	
	<i>For &gt;500, Deduct</i>	-23.45	
26 51 19 00-0238	EA 8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810).....	184.14	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.52	
	<i>For &gt;100 To 250, Deduct</i>	-11.12	
	<i>For &gt;250 To 500, Deduct</i>	-18.41	
	<i>For &gt;500, Deduct</i>	-25.71	
26 51 19 00-0239	EA 8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815).....	186.63	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.58	
	<i>For &gt;100 To 250, Deduct</i>	-11.24	
	<i>For &gt;250 To 500, Deduct</i>	-18.66	
	<i>For &gt;500, Deduct</i>	-26.08	
26 51 19 00-0240	EA 8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820).....	191.63	51.00
	<i>For &gt;50 To 100, Deduct</i>	-6.70	
	<i>For &gt;100 To 250, Deduct</i>	-11.49	
	<i>For &gt;250 To 500, Deduct</i>	-19.16	
	<i>For &gt;500, Deduct</i>	-26.83	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0241 EA 8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830) .....	206.65	51.00
For >50 To 100, Deduct	-7.08	
For >100 To 250, Deduct	-12.25	
For >250 To 500, Deduct	-20.67	
For >500, Deduct	-29.09	
26 51 19 00-0242 EA 8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850) .....	226.68	51.00
For >50 To 100, Deduct	-7.58	
For >100 To 250, Deduct	-13.25	
For >250 To 500, Deduct	-22.67	
For >500, Deduct	-32.09	
<b>26 51 19 00-0243 Recessed LED Downlight Retrofits And Trim (CREE®) (26 51 19 00-0121)</b>		
<b>26 51 19 00-0244 Recessed LED Downlight Retrofits (CREE®) (26 51 19 00-0243)</b>		
Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51 19 00-0245 EA 4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L) .....	112.01	
For >50 To 100, Deduct	-3.52	
For >100 To 250, Deduct	-6.33	
For >250 To 500, Deduct	-11.20	
For >500, Deduct	-16.08	
26 51 19 00-0246 EA 6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L) .....	98.54	
For >50 To 100, Deduct	-3.19	
For >100 To 250, Deduct	-5.65	
For >250 To 500, Deduct	-9.85	
For >500, Deduct	-14.06	
26 51 19 00-0247 EA 6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L) .....	125.47	
For >50 To 100, Deduct	-3.86	
For >100 To 250, Deduct	-7.00	
For >250 To 500, Deduct	-12.55	
For >500, Deduct	-18.10	
26 51 19 00-0248 EA 6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277) .....	141.17	
For >50 To 100, Deduct	-4.25	
For >100 To 250, Deduct	-7.78	
For >250 To 500, Deduct	-14.12	
For >500, Deduct	-20.45	
26 51 19 00-0249 EA 6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR) .....	154.63	
For >50 To 100, Deduct	-4.59	
For >100 To 250, Deduct	-8.46	
For >250 To 500, Deduct	-15.46	
For >500, Deduct	-22.47	
<b>26 51 19 00-0250 Recessed LED Downlight Retrofits Trim (CREE®) (26 51 19 00-0243)</b>		
Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51 19 00-0251 EA 6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX) .....	39.82	8.11
For >50 To 100, Deduct	-1.43	
For >100 To 250, Deduct	-2.43	
For >250 To 500, Deduct	-3.98	
For >500, Deduct	-5.54	
26 51 19 00-0252 EA 6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP) .....	48.80	8.11
For >50 To 100, Deduct	-1.65	
For >100 To 250, Deduct	-2.87	
For >250 To 500, Deduct	-4.88	
For >500, Deduct	-6.89	
26 51 19 00-0253 EA 6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB) .....	42.07	8.11
For >50 To 100, Deduct	-1.49	
For >100 To 250, Deduct	-2.54	
For >250 To 500, Deduct	-4.21	
For >500, Deduct	-5.88	
<b>26 51 19 00-0254 Recessed LED Downlight Fixture Housings (CREE®) (26 51 19 00-0243)</b>		
Note: Excludes lamp and trim.		
26 51 19 00-0255 EA 6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6) .....	106.02	34.77
For >50 To 100, Deduct	-3.95	
For >100 To 250, Deduct	-6.61	
For >250 To 500, Deduct	-10.60	
For >500, Deduct	-14.60	
26 51 19 00-0256 EA 6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6) .....	74.59	34.77
For >50 To 100, Deduct	-3.17	
For >100 To 250, Deduct	-5.03	
For >250 To 500, Deduct	-7.46	
For >500, Deduct	-9.88	
<b>26 51 19 00-0257 Can Retrofit Or Surface Mount, LED Downlights (26 51 19 00-0121)</b>		
26 51 19 00-0258 EA 6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6) .....	95.27	31.76
For >50 To 100, Deduct	-3.57	
For >100 To 250, Deduct	-5.95	
For >250 To 500, Deduct	-9.53	
For >500, Deduct	-13.10	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0259	EA		4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D) .....	76.77	31.76
			<i>For &gt;50 To 100, Deduct</i>	-3.11	
			<i>For &gt;100 To 250, Deduct</i>	-5.03	
			<i>For &gt;250 To 500, Deduct</i>	-7.68	
			<i>For &gt;500, Deduct</i>	-10.32	
26 51 19 00-0260	EA		6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D).....	76.77	31.76
			<i>For &gt;50 To 100, Deduct</i>	-3.11	
			<i>For &gt;100 To 250, Deduct</i>	-5.03	
			<i>For &gt;250 To 500, Deduct</i>	-7.68	
			<i>For &gt;500, Deduct</i>	-10.32	
26 51 19 00-0261	EA		6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP) .....	137.01	31.76
			<i>For Recessed IC/Non-IC Rated Housing For New Construction, Add</i>	49.35	
			<i>For &gt;50 To 100, Deduct</i>	-4.62	
			<i>For &gt;100 To 250, Deduct</i>	-8.04	
			<i>For &gt;250 To 500, Deduct</i>	-13.70	
			<i>For &gt;500, Deduct</i>	-19.36	
26 51 19 00-0262	EA		4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840) .....	66.46	31.76
			<i>For &gt;50 To 100, Deduct</i>	-2.85	
			<i>For &gt;100 To 250, Deduct</i>	-4.51	
			<i>For &gt;250 To 500, Deduct</i>	-6.65	
			<i>For &gt;500, Deduct</i>	-8.78	
26 51 19 00-0263	EA		5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840) .....	74.01	31.76
			<i>For &gt;50 To 100, Deduct</i>	-3.04	
			<i>For &gt;100 To 250, Deduct</i>	-4.89	
			<i>For &gt;250 To 500, Deduct</i>	-7.40	
			<i>For &gt;500, Deduct</i>	-9.91	
26 51 19 00-0264	EA		6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM) .....	933.52	31.76
			<i>For &gt;50 To 100, Deduct</i>	-24.53	
			<i>For &gt;100 To 250, Deduct</i>	-47.87	
			<i>For &gt;250 To 500, Deduct</i>	-93.35	
			<i>For &gt;500, Deduct</i>	-138.84	
<b>26 51 19 00-0265</b>			<b>Wall Mount LED Cylinder Downlight</b> <small>(26 51 19 00-0001)</small>		
26 51 19 00-0266	EA		9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9).....	388.08	49.34
			<i>For &gt;50 To 100, Deduct</i>	-11.56	
			<i>For &gt;100 To 250, Deduct</i>	-21.26	
			<i>For &gt;250 To 500, Deduct</i>	-38.81	
			<i>For &gt;500, Deduct</i>	-56.36	
<b>26 51 19 00-0267</b>			<b>Wall Sconce And Wall Wash LED Fixtures</b> <small>(26 51 19 00-0001)</small>		
<b>26 51 19 00-0268</b>			<b>LED Wall Sconce Fixtures (Hudson Valley Lighting)</b> <small>(26 51 19 00-0267)</small>		
26 51 19 00-0269	EA		2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN) .....	532.29	46.36
			<i>For &gt;50 To 100, Deduct</i>	-15.05	
			<i>For &gt;100 To 250, Deduct</i>	-28.35	
			<i>For &gt;250 To 500, Deduct</i>	-53.23	
			<i>For &gt;500, Deduct</i>	-78.11	
<b>26 51 19 00-0270</b>			<b>LED Wall Sconce Fixtures (Kichler)</b> <small>(26 51 19 00-0267)</small>		
26 51 19 00-0271	EA		6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED).....	293.60	46.36
			<i>For &gt;50 To 100, Deduct</i>	-9.08	
			<i>For &gt;100 To 250, Deduct</i>	-16.42	
			<i>For &gt;250 To 500, Deduct</i>	-29.36	
			<i>For &gt;500, Deduct</i>	-42.30	
<b>26 51 19 00-0272</b>			<b>LED Wall Sconce Fixtures (Metalux)</b> <small>(26 51 19 00-0267)</small>		
26 51 19 00-0273	EA		9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VNNTS071009L30ENBN) .....	141.04	46.36
			<i>For &gt;50 To 100, Deduct</i>	-5.26	
			<i>For &gt;100 To 250, Deduct</i>	-8.79	
			<i>For &gt;250 To 500, Deduct</i>	-14.10	
			<i>For &gt;500, Deduct</i>	-19.42	
26 51 19 00-0274	EA		5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH) .....	123.44	46.36
			<i>For &gt;50 To 100, Deduct</i>	-4.82	
			<i>For &gt;100 To 250, Deduct</i>	-7.91	
			<i>For &gt;250 To 500, Deduct</i>	-12.34	
			<i>For &gt;500, Deduct</i>	-16.78	
<b>26 51 19 00-0275</b>			<b>Concealed Continuous LED Fixtures</b> <small>(26 51 19 00-0001)</small>		
<b>26 51 19 00-0276</b>			<b>Concealed Continuous LED Fixtures (Fraqtir™ S301)</b> <small>(26 51 19 00-0275)</small>		
26 51 19 00-0277	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301) .....	732.24	5.29
			<i>For &gt;50 To 100, Deduct</i>	-18.57	
			<i>For &gt;100 To 250, Deduct</i>	-36.88	
			<i>For &gt;250 To 500, Deduct</i>	-73.22	
			<i>For &gt;500, Deduct</i>	-109.57	



	<b>Electrical</b>	<b>26</b>	
	<b>Lighting</b>	<b>26 50</b>	<b>26</b>
	<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0278	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301).....	834.99	5.29
			<i>For &gt;50 To 100, Deduct</i>	-21.14	
			<i>For &gt;100 To 250, Deduct</i>	-42.01	
			<i>For &gt;250 To 500, Deduct</i>	-83.50	
			<i>For &gt;500, Deduct</i>	-124.98	
<b>26 51 19 00-0279</b>			<b>Low Bay LED Fixtures</b> <small>(26 51 19 00-0001)</small>		
<b>26 51 19 00-0280</b>			<b>LED Linear Low Bay Fixtures (PlanLED)</b> <small>(26 51 19 00-0279)</small>		
26 51 19 00-0281	EA		4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4).....	365.99	63.53
			<i>For &gt;50 To 100, Deduct</i>	-11.80	
			<i>For &gt;100 To 250, Deduct</i>	-20.95	
			<i>For &gt;250 To 500, Deduct</i>	-36.60	
			<i>For &gt;500, Deduct</i>	-52.25	
26 51 19 00-0282	EA		4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A).....	500.38	63.53
			<i>For &gt;50 To 100, Deduct</i>	-15.16	
			<i>For &gt;100 To 250, Deduct</i>	-27.67	
			<i>For &gt;250 To 500, Deduct</i>	-50.04	
			<i>For &gt;500, Deduct</i>	-72.41	
26 51 19 00-0283	EA		8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A).....	836.80	79.42
			<i>For &gt;50 To 100, Deduct</i>	-24.23	
			<i>For &gt;100 To 250, Deduct</i>	-45.15	
			<i>For &gt;250 To 500, Deduct</i>	-83.68	
			<i>For &gt;500, Deduct</i>	-122.21	
<b>26 51 19 00-0284</b>			<b>LED Low Bay Fixtures (CREE®)</b> <small>(26 51 19 00-0279)</small>		
<b>26 51 19 00-0285</b>			<b>LED Low Bay Fixtures (CREE® LS)</b> <small>(26 51 19 00-0284)</small>		
			Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0286	EA		2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V).....	329.05	63.53
			<i>For &gt;50 To 100, Deduct</i>	-10.87	
			<i>For &gt;100 To 250, Deduct</i>	-19.10	
			<i>For &gt;250 To 500, Deduct</i>	-32.91	
			<i>For &gt;500, Deduct</i>	-46.71	
26 51 19 00-0287	EA		2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V).....	351.93	63.53
			<i>For &gt;50 To 100, Deduct</i>	-11.45	
			<i>For &gt;100 To 250, Deduct</i>	-20.24	
			<i>For &gt;250 To 500, Deduct</i>	-35.19	
			<i>For &gt;500, Deduct</i>	-50.14	
26 51 19 00-0288	EA		4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V).....	338.58	63.53
			<i>For &gt;50 To 100, Deduct</i>	-11.11	
			<i>For &gt;100 To 250, Deduct</i>	-19.58	
			<i>For &gt;250 To 500, Deduct</i>	-33.86	
			<i>For &gt;500, Deduct</i>	-48.14	
26 51 19 00-0289	EA		4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V).....	361.47	63.53
			<i>For &gt;50 To 100, Deduct</i>	-11.68	
			<i>For &gt;100 To 250, Deduct</i>	-20.72	
			<i>For &gt;250 To 500, Deduct</i>	-36.15	
			<i>For &gt;500, Deduct</i>	-51.57	
26 51 19 00-0290	EA		5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V).....	378.64	63.53
			<i>For &gt;50 To 100, Deduct</i>	-12.11	
			<i>For &gt;100 To 250, Deduct</i>	-21.58	
			<i>For &gt;250 To 500, Deduct</i>	-37.86	
			<i>For &gt;500, Deduct</i>	-54.15	
26 51 19 00-0291	EA		5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V).....	401.53	63.53
			<i>For &gt;50 To 100, Deduct</i>	-12.69	
			<i>For &gt;100 To 250, Deduct</i>	-22.72	
			<i>For &gt;250 To 500, Deduct</i>	-40.15	
			<i>For &gt;500, Deduct</i>	-57.58	
26 51 19 00-0292	EA		8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V).....	532.90	79.42
			<i>For &gt;50 To 100, Deduct</i>	-16.63	
			<i>For &gt;100 To 250, Deduct</i>	-29.95	
			<i>For &gt;250 To 500, Deduct</i>	-53.29	
			<i>For &gt;500, Deduct</i>	-76.63	
26 51 19 00-0293	EA		8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V).....	574.86	79.42
			<i>For &gt;50 To 100, Deduct</i>	-17.68	
			<i>For &gt;100 To 250, Deduct</i>	-32.05	
			<i>For &gt;250 To 500, Deduct</i>	-57.49	
			<i>For &gt;500, Deduct</i>	-82.92	
26 51 19 00-0294	EA		10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V).....	662.60	79.42
			<i>For &gt;50 To 100, Deduct</i>	-19.87	
			<i>For &gt;100 To 250, Deduct</i>	-36.44	
			<i>For &gt;250 To 500, Deduct</i>	-66.26	
			<i>For &gt;500, Deduct</i>	-96.08	
26 51 19 00-0295	EA		10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V).....	685.48	79.42
			<i>For &gt;50 To 100, Deduct</i>	-20.45	
			<i>For &gt;100 To 250, Deduct</i>	-37.58	
			<i>For &gt;250 To 500, Deduct</i>	-68.55	
			<i>For &gt;500, Deduct</i>	-99.51	
<b>26 51 19 00-0296</b>			<b>LED Low Bay Fixtures (CREE® LN)</b> <small>(26 51 19 00-0284)</small>		
			Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.		



**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0297	EA		3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V) .....	752.47	63.53
			<i>For &gt;50 To 100, Deduct</i>	-21.46	
			<i>For &gt;100 To 250, Deduct</i>	-40.27	
			<i>For &gt;250 To 500, Deduct</i>	-75.25	
			<i>For &gt;500, Deduct</i>	-110.22	
26 51 19 00-0298	EA		3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA) .....	847.84	63.53
			<i>For &gt;50 To 100, Deduct</i>	-23.84	
			<i>For &gt;100 To 250, Deduct</i>	-45.04	
			<i>For &gt;250 To 500, Deduct</i>	-84.78	
			<i>For &gt;500, Deduct</i>	-124.53	
<b>26 51 19 00-0299</b>			<b>LED Linear Low Bay Fixtures (CREE® CS) <small>(26 51 19 00-0294)</small></b>		
			Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.		
26 51 19 00-0300	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™) .....	728.00	63.53
			<i>For &gt;50 To 100, Deduct</i>	-20.85	
			<i>For &gt;100 To 250, Deduct</i>	-39.05	
			<i>For &gt;250 To 500, Deduct</i>	-72.80	
			<i>For &gt;500, Deduct</i>	-106.55	
26 51 19 00-0301	EA		7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™) .....	904.81	79.42
			<i>For &gt;50 To 100, Deduct</i>	-25.93	
			<i>For &gt;100 To 250, Deduct</i>	-48.55	
			<i>For &gt;250 To 500, Deduct</i>	-90.48	
			<i>For &gt;500, Deduct</i>	-132.41	
26 51 19 00-0302	EA		8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™) .....	1,153.89	79.42
			<i>For &gt;50 To 100, Deduct</i>	-32.16	
			<i>For &gt;100 To 250, Deduct</i>	-61.00	
			<i>For &gt;250 To 500, Deduct</i>	-115.39	
			<i>For &gt;500, Deduct</i>	-169.77	
<b>26 51 19 00-0303</b>			<b>Accessories For LED Low Bay Fixtures (CREE®) <small>(26 51 19 00-0294)</small></b>		
26 51 19 00-0304	EA		Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK) .....	62.69	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.29	
			<i>For &gt;100 To 250, Deduct</i>	-3.86	
			<i>For &gt;250 To 500, Deduct</i>	-6.27	
			<i>For &gt;500, Deduct</i>	-8.68	
26 51 19 00-0305	EA		Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK) .....	69.43	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.46	
			<i>For &gt;100 To 250, Deduct</i>	-4.20	
			<i>For &gt;250 To 500, Deduct</i>	-6.94	
			<i>For &gt;500, Deduct</i>	-9.69	
26 51 19 00-0306	EA		Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ) .....	51.46	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.01	
			<i>For &gt;100 To 250, Deduct</i>	-3.30	
			<i>For &gt;250 To 500, Deduct</i>	-5.15	
			<i>For &gt;500, Deduct</i>	-6.99	
26 51 19 00-0307	EA		Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ) .....	40.25	17.42
			<i>For &gt;50 To 100, Deduct</i>	-1.73	
			<i>For &gt;100 To 250, Deduct</i>	-2.74	
			<i>For &gt;250 To 500, Deduct</i>	-4.03	
			<i>For &gt;500, Deduct</i>	-5.31	
26 51 19 00-0308	EA		Solid Reflector, Pair (Cree® LS4-SR) .....	141.22	17.42
			<i>For &gt;50 To 100, Deduct</i>	-4.26	
			<i>For &gt;100 To 250, Deduct</i>	-7.79	
			<i>For &gt;250 To 500, Deduct</i>	-14.12	
			<i>For &gt;500, Deduct</i>	-20.46	
26 51 19 00-0309	EA		Solid Reflector, Pair (Cree® LS8-SR) .....	197.33	17.42
			<i>For &gt;50 To 100, Deduct</i>	-5.66	
			<i>For &gt;100 To 250, Deduct</i>	-10.59	
			<i>For &gt;250 To 500, Deduct</i>	-19.73	
			<i>For &gt;500, Deduct</i>	-28.87	
26 51 19 00-0310	EA		5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB) .....	69.43	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.46	
			<i>For &gt;100 To 250, Deduct</i>	-4.20	
			<i>For &gt;250 To 500, Deduct</i>	-6.94	
			<i>For &gt;500, Deduct</i>	-9.69	
26 51 19 00-0311	EA		5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB) .....	100.84	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.25	
			<i>For &gt;100 To 250, Deduct</i>	-5.77	
			<i>For &gt;250 To 500, Deduct</i>	-10.08	
			<i>For &gt;500, Deduct</i>	-14.40	
26 51 19 00-0312	EA		5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB) .....	78.39	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.69	
			<i>For &gt;100 To 250, Deduct</i>	-4.65	
			<i>For &gt;250 To 500, Deduct</i>	-7.84	
			<i>For &gt;500, Deduct</i>	-11.03	
26 51 19 00-0313	EA		5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB) .....	107.57	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.42	
			<i>For &gt;100 To 250, Deduct</i>	-6.10	
			<i>For &gt;250 To 500, Deduct</i>	-10.76	
			<i>For &gt;500, Deduct</i>	-15.41	



	<b>Electrical</b>	<b>26</b>	
	<b>Lighting</b>	<b>26 50</b>	<b>26</b>
	<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0314	EA		5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB).....	114.31	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.58	
			<i>For &gt;100 To 250, Deduct</i>	-6.44	
			<i>For &gt;250 To 500, Deduct</i>	-11.43	
			<i>For &gt;500, Deduct</i>	-16.42	
26 51 19 00-0315	EA		5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB).....	96.34	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.13	
			<i>For &gt;100 To 250, Deduct</i>	-5.54	
			<i>For &gt;250 To 500, Deduct</i>	-9.63	
			<i>For &gt;500, Deduct</i>	-13.73	
26 51 19 00-0316	EA		5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB).....	147.95	17.42
			<i>For &gt;50 To 100, Deduct</i>	-4.42	
			<i>For &gt;100 To 250, Deduct</i>	-8.12	
			<i>For &gt;250 To 500, Deduct</i>	-14.80	
			<i>For &gt;500, Deduct</i>	-21.47	
26 51 19 00-0317	EA		Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC).....	73.91	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.57	
			<i>For &gt;100 To 250, Deduct</i>	-4.42	
			<i>For &gt;250 To 500, Deduct</i>	-7.39	
			<i>For &gt;500, Deduct</i>	-10.36	
26 51 19 00-0318	EA		Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC).....	91.86	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.02	
			<i>For &gt;100 To 250, Deduct</i>	-5.32	
			<i>For &gt;250 To 500, Deduct</i>	-9.19	
			<i>For &gt;500, Deduct</i>	-13.05	
26 51 19 00-0319	EA		Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC).....	69.43	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.46	
			<i>For &gt;100 To 250, Deduct</i>	-4.20	
			<i>For &gt;250 To 500, Deduct</i>	-6.94	
			<i>For &gt;500, Deduct</i>	-9.69	
26 51 19 00-0320	EA		Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W).....	1,465.97	42.35
			<i>For &gt;50 To 100, Deduct</i>	-38.24	
			<i>For &gt;100 To 250, Deduct</i>	-74.89	
			<i>For &gt;250 To 500, Deduct</i>	-146.60	
			<i>For &gt;500, Deduct</i>	-218.31	
26 51 19 00-0321	EA		120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120).....	512.30	42.35
			<i>For &gt;50 To 100, Deduct</i>	-14.40	
			<i>For &gt;100 To 250, Deduct</i>	-27.20	
			<i>For &gt;250 To 500, Deduct</i>	-51.23	
			<i>For &gt;500, Deduct</i>	-75.26	
26 51 19 00-0322			<b>LED Linear Low Bay Fixtures (Lithonia MSL)</b> <small>(26 51 19 00-0279)</small>		
			Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0323	EA		4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL).....	988.67	63.53
			<i>For &gt;50 To 100, Deduct</i>	-27.36	
			<i>For &gt;100 To 250, Deduct</i>	-52.08	
			<i>For &gt;250 To 500, Deduct</i>	-98.87	
			<i>For &gt;500, Deduct</i>	-145.65	
26 51 19 00-0324			<b>High Bay LED Fixtures</b> <small>(26 51 19 00-0001)</small>		
26 51 19 00-0325			<b>LED High Bay Fixtures (Columbia Lighting LWS)</b> <small>(26 51 19 00-0324)</small>		
26 51 19 00-0326	EA		16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU).....	486.32	116.48
			<i>For &gt;50 To 100, Deduct</i>	-17.98	
			<i>For &gt;100 To 250, Deduct</i>	-30.14	
			<i>For &gt;250 To 500, Deduct</i>	-48.63	
			<i>For &gt;500, Deduct</i>	-67.12	
26 51 19 00-0327	EA		16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU).....	486.32	116.48
			<i>For &gt;50 To 100, Deduct</i>	-17.98	
			<i>For &gt;100 To 250, Deduct</i>	-30.14	
			<i>For &gt;250 To 500, Deduct</i>	-48.63	
			<i>For &gt;500, Deduct</i>	-67.12	
26 51 19 00-0328	EA		16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU).....	547.13	116.48
			<i>For &gt;50 To 100, Deduct</i>	-19.50	
			<i>For &gt;100 To 250, Deduct</i>	-33.18	
			<i>For &gt;250 To 500, Deduct</i>	-54.71	
			<i>For &gt;500, Deduct</i>	-76.25	
26 51 19 00-0329	EA		16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU).....	547.13	116.48
			<i>For &gt;50 To 100, Deduct</i>	-19.50	
			<i>For &gt;100 To 250, Deduct</i>	-33.18	
			<i>For &gt;250 To 500, Deduct</i>	-54.71	
			<i>For &gt;500, Deduct</i>	-76.25	
26 51 19 00-0330	EA		16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU).....	648.48	116.48
			<i>For &gt;50 To 100, Deduct</i>	-22.04	
			<i>For &gt;100 To 250, Deduct</i>	-38.25	
			<i>For &gt;250 To 500, Deduct</i>	-64.85	
			<i>For &gt;500, Deduct</i>	-91.45	
26 51 19 00-0331	EA		16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU).....	648.48	116.48
			<i>For &gt;50 To 100, Deduct</i>	-22.04	
			<i>For &gt;100 To 250, Deduct</i>	-38.25	
			<i>For &gt;250 To 500, Deduct</i>	-64.85	
			<i>For &gt;500, Deduct</i>	-91.45	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0332	EA		16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU).....	689.02	116.48
			<i>For &gt;50 To 100, Deduct</i>	-23.05	
			<i>For &gt;100 To 250, Deduct</i>	-40.28	
			<i>For &gt;250 To 500, Deduct</i>	-68.90	
			<i>For &gt;500, Deduct</i>	-97.53	
26 51 19 00-0333	EA		16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU).....	689.02	116.48
			<i>For &gt;50 To 100, Deduct</i>	-23.05	
			<i>For &gt;100 To 250, Deduct</i>	-40.28	
			<i>For &gt;250 To 500, Deduct</i>	-68.90	
			<i>For &gt;500, Deduct</i>	-97.53	
26 51 19 00-0334	EA		16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU).....	719.42	116.48
			<i>For &gt;50 To 100, Deduct</i>	-23.81	
			<i>For &gt;100 To 250, Deduct</i>	-41.80	
			<i>For &gt;250 To 500, Deduct</i>	-71.94	
			<i>For &gt;500, Deduct</i>	-102.09	
26 51 19 00-0335	EA		16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU).....	719.42	116.48
			<i>For &gt;50 To 100, Deduct</i>	-23.81	
			<i>For &gt;100 To 250, Deduct</i>	-41.80	
			<i>For &gt;250 To 500, Deduct</i>	-71.94	
			<i>For &gt;500, Deduct</i>	-102.09	
<b>26 51 19 00-0336</b>			<b>LED High Bay Fixtures (Cree) <small>(26 51 19 00-0324)</small></b>		
<b>26 51 19 00-0337</b>			<b>LED High Bay Fixtures (CREE®) <small>(26 51 19 00-0336)</small></b>		
26 51 19 00-0338	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V).....	879.54	116.48
			<i>For &gt;50 To 100, Deduct</i>	-27.81	
			<i>For &gt;100 To 250, Deduct</i>	-49.80	
			<i>For &gt;250 To 500, Deduct</i>	-87.95	
			<i>For &gt;500, Deduct</i>	-126.11	
26 51 19 00-0339	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML).....	1,063.20	116.48
			<i>For &gt;50 To 100, Deduct</i>	-32.40	
			<i>For &gt;100 To 250, Deduct</i>	-58.98	
			<i>For &gt;250 To 500, Deduct</i>	-106.32	
			<i>For &gt;500, Deduct</i>	-153.66	
26 51 19 00-0340	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V).....	973.46	116.48
			<i>For &gt;50 To 100, Deduct</i>	-30.16	
			<i>For &gt;100 To 250, Deduct</i>	-54.50	
			<i>For &gt;250 To 500, Deduct</i>	-97.35	
			<i>For &gt;500, Deduct</i>	-140.20	
26 51 19 00-0341	EA		18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML).....	1,119.31	116.48
			<i>For &gt;50 To 100, Deduct</i>	-33.81	
			<i>For &gt;100 To 250, Deduct</i>	-61.79	
			<i>For &gt;250 To 500, Deduct</i>	-111.93	
			<i>For &gt;500, Deduct</i>	-162.07	
26 51 19 00-0342	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V).....	911.97	116.48
			<i>For &gt;50 To 100, Deduct</i>	-28.62	
			<i>For &gt;100 To 250, Deduct</i>	-51.42	
			<i>For &gt;250 To 500, Deduct</i>	-91.20	
			<i>For &gt;500, Deduct</i>	-130.97	
26 51 19 00-0343	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML).....	1,096.86	116.48
			<i>For &gt;50 To 100, Deduct</i>	-33.25	
			<i>For &gt;100 To 250, Deduct</i>	-60.67	
			<i>For &gt;250 To 500, Deduct</i>	-109.69	
			<i>For &gt;500, Deduct</i>	-158.71	
26 51 19 00-0344	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V).....	1,007.11	116.48
			<i>For &gt;50 To 100, Deduct</i>	-31.00	
			<i>For &gt;100 To 250, Deduct</i>	-56.18	
			<i>For &gt;250 To 500, Deduct</i>	-100.71	
			<i>For &gt;500, Deduct</i>	-145.24	
26 51 19 00-0345	EA		24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML).....	1,152.96	116.48
			<i>For &gt;50 To 100, Deduct</i>	-34.65	
			<i>For &gt;100 To 250, Deduct</i>	-63.47	
			<i>For &gt;250 To 500, Deduct</i>	-115.30	
			<i>For &gt;500, Deduct</i>	-167.12	
<b>26 51 19 00-0346</b>			<b>Accessories For LED High Bay Fixtures (CREE®) <small>(26 51 19 00-0336)</small></b>		
26 51 19 00-0347	EA		15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P).....	62.69	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.29	
			<i>For &gt;100 To 250, Deduct</i>	-3.86	
			<i>For &gt;250 To 500, Deduct</i>	-6.27	
			<i>For &gt;500, Deduct</i>	-8.68	
26 51 19 00-0348	EA		15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P).....	62.69	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.29	
			<i>For &gt;100 To 250, Deduct</i>	-3.86	
			<i>For &gt;250 To 500, Deduct</i>	-6.27	
			<i>For &gt;500, Deduct</i>	-8.68	
26 51 19 00-0349	EA		16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N).....	85.12	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.85	
			<i>For &gt;100 To 250, Deduct</i>	-4.98	
			<i>For &gt;250 To 500, Deduct</i>	-8.51	
			<i>For &gt;500, Deduct</i>	-12.04	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0350	EA		16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16).....	130.00	17.42
			<i>For &gt;50 To 100, Deduct</i>	-3.98	
			<i>For &gt;100 To 250, Deduct</i>	-7.23	
			<i>For &gt;250 To 500, Deduct</i>	-13.00	
			<i>For &gt;500, Deduct</i>	-18.77	
26 51 19 00-0351	EA		16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16).....	152.45	17.42
			<i>For &gt;50 To 100, Deduct</i>	-4.54	
			<i>For &gt;100 To 250, Deduct</i>	-8.35	
			<i>For &gt;250 To 500, Deduct</i>	-15.25	
			<i>For &gt;500, Deduct</i>	-22.14	
26 51 19 00-0352	EA		16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16).....	85.12	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.85	
			<i>For &gt;100 To 250, Deduct</i>	-4.98	
			<i>For &gt;250 To 500, Deduct</i>	-8.51	
			<i>For &gt;500, Deduct</i>	-12.04	
26 51 19 00-0353	EA		16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16).....	87.38	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.91	
			<i>For &gt;100 To 250, Deduct</i>	-5.09	
			<i>For &gt;250 To 500, Deduct</i>	-8.74	
			<i>For &gt;500, Deduct</i>	-12.38	
26 51 19 00-0354	EA		16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A).....	62.69	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.29	
			<i>For &gt;100 To 250, Deduct</i>	-3.86	
			<i>For &gt;250 To 500, Deduct</i>	-6.27	
			<i>For &gt;500, Deduct</i>	-8.68	
26 51 19 00-0355	EA		16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP).....	67.18	17.42
			<i>For &gt;50 To 100, Deduct</i>	-2.41	
			<i>For &gt;100 To 250, Deduct</i>	-4.08	
			<i>For &gt;250 To 500, Deduct</i>	-6.72	
			<i>For &gt;500, Deduct</i>	-9.35	
26 51 19 00-0356	EA		5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5).....	42.50	17.42
			<i>For &gt;50 To 100, Deduct</i>	-1.79	
			<i>For &gt;100 To 250, Deduct</i>	-2.85	
			<i>For &gt;250 To 500, Deduct</i>	-4.25	
			<i>For &gt;500, Deduct</i>	-5.65	
26 51 19 00-0357	EA		10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10).....	44.75	17.42
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100 To 250, Deduct</i>	-2.96	
			<i>For &gt;250 To 500, Deduct</i>	-4.48	
			<i>For &gt;500, Deduct</i>	-5.99	
<b>26 51 19 00-0358</b>			<b>LED High Bay Fixtures (DLE) (26 51 19 00-0324)</b>		
26 51 19 00-0359	EA		12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV).....	1,444.60	116.48
			<i>For &gt;50 To 100, Deduct</i>	-41.94	
			<i>For &gt;100 To 250, Deduct</i>	-78.05	
			<i>For &gt;250 To 500, Deduct</i>	-144.46	
			<i>For &gt;500, Deduct</i>	-210.87	
26 51 19 00-0360	EA		18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV).....	1,778.40	116.48
			<i>For &gt;50 To 100, Deduct</i>	-50.28	
			<i>For &gt;100 To 250, Deduct</i>	-94.74	
			<i>For &gt;250 To 500, Deduct</i>	-177.84	
			<i>For &gt;500, Deduct</i>	-260.94	
26 51 19 00-0361	EA		24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV).....	2,088.35	116.48
			<i>For &gt;50 To 100, Deduct</i>	-58.03	
			<i>For &gt;100 To 250, Deduct</i>	-110.24	
			<i>For &gt;250 To 500, Deduct</i>	-208.84	
			<i>For &gt;500, Deduct</i>	-307.43	
<b>26 51 19 00-0362</b>			<b>LED High Bay Fixtures (Everlast) (26 51 19 00-0324)</b>		
<b>26 51 19 00-0363</b>			<b>LED High Bay Fixtures (Everlast EL-LED-LG) (26 51 19 00-0362)</b>		
26 51 19 00-0364	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC).....	969.92	116.48
			<i>For &gt;50 To 100, Deduct</i>	-30.07	
			<i>For &gt;100 To 250, Deduct</i>	-54.32	
			<i>For &gt;250 To 500, Deduct</i>	-96.99	
			<i>For &gt;500, Deduct</i>	-139.66	
26 51 19 00-0365	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO).....	1,026.27	116.48
			<i>For &gt;50 To 100, Deduct</i>	-31.48	
			<i>For &gt;100 To 250, Deduct</i>	-57.14	
			<i>For &gt;250 To 500, Deduct</i>	-102.63	
			<i>For &gt;500, Deduct</i>	-148.12	
26 51 19 00-0366	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16).....	913.56	116.48
			<i>For &gt;50 To 100, Deduct</i>	-28.66	
			<i>For &gt;100 To 250, Deduct</i>	-51.50	
			<i>For &gt;250 To 500, Deduct</i>	-91.36	
			<i>For &gt;500, Deduct</i>	-131.21	
26 51 19 00-0367	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22).....	937.40	116.48
			<i>For &gt;50 To 100, Deduct</i>	-29.26	
			<i>For &gt;100 To 250, Deduct</i>	-52.69	
			<i>For &gt;250 To 500, Deduct</i>	-93.74	
			<i>For &gt;500, Deduct</i>	-134.79	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 51 19 00-0368	EA 17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC).....	1,067.45	116.48
	<i>For &gt;50 To 100, Deduct</i>	-32.51	
	<i>For &gt;100 To 250, Deduct</i>	-59.20	
	<i>For &gt;250 To 500, Deduct</i>	-106.75	
	<i>For &gt;500, Deduct</i>	-154.29	
26 51 19 00-0369	EA 17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO).....	1,164.99	116.48
	<i>For &gt;50 To 100, Deduct</i>	-34.95	
	<i>For &gt;100 To 250, Deduct</i>	-64.07	
	<i>For &gt;250 To 500, Deduct</i>	-116.50	
	<i>For &gt;500, Deduct</i>	-168.92	
26 51 19 00-0370	EA 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16).....	1,015.43	116.48
	<i>For &gt;50 To 100, Deduct</i>	-31.21	
	<i>For &gt;100 To 250, Deduct</i>	-56.60	
	<i>For &gt;250 To 500, Deduct</i>	-101.54	
	<i>For &gt;500, Deduct</i>	-146.49	
26 51 19 00-0371	EA 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22).....	1,099.97	116.48
	<i>For &gt;50 To 100, Deduct</i>	-33.32	
	<i>For &gt;100 To 250, Deduct</i>	-60.82	
	<i>For &gt;250 To 500, Deduct</i>	-110.00	
	<i>For &gt;500, Deduct</i>	-159.17	
26 51 19 00-0372	EA 34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30).....	1,609.33	116.48
	<i>For &gt;50 To 100, Deduct</i>	-46.06	
	<i>For &gt;100 To 250, Deduct</i>	-86.29	
	<i>For &gt;250 To 500, Deduct</i>	-160.93	
	<i>For &gt;500, Deduct</i>	-235.58	
26 51 19 00-0373	EA 43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30).....	1,761.06	116.48
	<i>For &gt;50 To 100, Deduct</i>	-49.85	
	<i>For &gt;100 To 250, Deduct</i>	-93.88	
	<i>For &gt;250 To 500, Deduct</i>	-176.11	
	<i>For &gt;500, Deduct</i>	-258.34	
26 51 19 00-0374	EA 66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30).....	2,194.56	116.48
	<i>For &gt;50 To 100, Deduct</i>	-60.69	
	<i>For &gt;100 To 250, Deduct</i>	-115.55	
	<i>For &gt;250 To 500, Deduct</i>	-219.46	
	<i>For &gt;500, Deduct</i>	-323.36	
<b>26 51 19 00-0375</b>	<b>LED High Bay Fixtures (Everlast EL-LED-CS) <small>(26 51 19 00-0362)</small></b>		
26 51 19 00-0376	EA 5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	601.44	116.48
	<i>For &gt;50 To 100, Deduct</i>	-20.86	
	<i>For &gt;100 To 250, Deduct</i>	-35.90	
	<i>For &gt;250 To 500, Deduct</i>	-60.14	
	<i>For &gt;500, Deduct</i>	-84.39	
26 51 19 00-0377	EA 10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	894.05	116.48
	<i>For &gt;50 To 100, Deduct</i>	-28.18	
	<i>For &gt;100 To 250, Deduct</i>	-50.53	
	<i>For &gt;250 To 500, Deduct</i>	-89.41	
	<i>For &gt;500, Deduct</i>	-128.28	
26 51 19 00-0378	EA 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	1,024.10	116.48
	<i>For &gt;50 To 100, Deduct</i>	-31.43	
	<i>For &gt;100 To 250, Deduct</i>	-57.03	
	<i>For &gt;250 To 500, Deduct</i>	-102.41	
	<i>For &gt;500, Deduct</i>	-147.79	
26 51 19 00-0379	EA 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	1,175.83	116.48
	<i>For &gt;50 To 100, Deduct</i>	-35.22	
	<i>For &gt;100 To 250, Deduct</i>	-64.62	
	<i>For &gt;250 To 500, Deduct</i>	-117.58	
	<i>For &gt;500, Deduct</i>	-170.55	
26 51 19 00-0380	EA 30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS).....	1,273.37	116.48
	<i>For &gt;50 To 100, Deduct</i>	-37.66	
	<i>For &gt;100 To 250, Deduct</i>	-69.49	
	<i>For &gt;250 To 500, Deduct</i>	-127.34	
	<i>For &gt;500, Deduct</i>	-185.18	
<b>26 51 19 00-0381</b>	<b>LED High Bay Fixtures (Everlast EL-LED-HB-LG) <small>(26 51 19 00-0362)</small></b>		
26 51 19 00-0382	EA 10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	796.51	116.48
	<i>For &gt;50 To 100, Deduct</i>	-25.74	
	<i>For &gt;100 To 250, Deduct</i>	-45.65	
	<i>For &gt;250 To 500, Deduct</i>	-79.65	
	<i>For &gt;500, Deduct</i>	-113.65	
26 51 19 00-0383	EA 15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	850.70	116.48
	<i>For &gt;50 To 100, Deduct</i>	-27.09	
	<i>For &gt;100 To 250, Deduct</i>	-48.36	
	<i>For &gt;250 To 500, Deduct</i>	-85.07	
	<i>For &gt;500, Deduct</i>	-121.78	
26 51 19 00-0384	EA 20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG).....	926.56	116.48
	<i>For &gt;50 To 100, Deduct</i>	-28.99	
	<i>For &gt;100 To 250, Deduct</i>	-52.15	
	<i>For &gt;250 To 500, Deduct</i>	-92.66	
	<i>For &gt;500, Deduct</i>	-133.16	
<b>26 51 19 00-0385</b>	<b>LED High Bay Fixtures (Everlast EL-LED-LHB) <small>(26 51 19 00-0362)</small></b>		





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0386	EA		13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) .....	809.52	116.48
			<i>For &gt;50 To 100, Deduct</i>	-26.06	
			<i>For &gt;100 To 250, Deduct</i>	-46.30	
			<i>For &gt;250 To 500, Deduct</i>	-80.95	
			<i>For &gt;500, Deduct</i>	-115.60	
26 51 19 00-0387	EA		26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) .....	1,002.43	116.48
			<i>For &gt;50 To 100, Deduct</i>	-30.88	
			<i>For &gt;100 To 250, Deduct</i>	-55.95	
			<i>For &gt;250 To 500, Deduct</i>	-100.24	
			<i>For &gt;500, Deduct</i>	-144.54	
26 51 19 00-0388	EA		39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB) .....	1,251.69	116.48
			<i>For &gt;50 To 100, Deduct</i>	-37.12	
			<i>For &gt;100 To 250, Deduct</i>	-68.41	
			<i>For &gt;250 To 500, Deduct</i>	-125.17	
			<i>For &gt;500, Deduct</i>	-181.93	
<b>26 51 19 00-0389</b>			<b>LED High Bay Fixtures (Lithonia IBG) <small>(26 51 19 00-0324)</small></b>		
26 51 19 00-0390	EA		8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT) .....	405.37	114.36
			<i>For &gt;50 To 100, Deduct</i>	-14.48	
			<i>For &gt;100 To 250, Deduct</i>	-24.62	
			<i>For &gt;250 To 500, Deduct</i>	-40.54	
			<i>For &gt;500, Deduct</i>	-56.46	
26 51 19 00-0391	EA		12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT) .....	420.80	114.36
			<i>For &gt;50 To 100, Deduct</i>	-14.87	
			<i>For &gt;100 To 250, Deduct</i>	-25.39	
			<i>For &gt;250 To 500, Deduct</i>	-42.08	
			<i>For &gt;500, Deduct</i>	-58.77	
26 51 19 00-0392	EA		15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT) .....	455.53	114.36
			<i>For &gt;50 To 100, Deduct</i>	-15.74	
			<i>For &gt;100 To 250, Deduct</i>	-27.13	
			<i>For &gt;250 To 500, Deduct</i>	-45.55	
			<i>For &gt;500, Deduct</i>	-63.98	
26 51 19 00-0393	EA		18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT) .....	510.36	114.36
			<i>For &gt;50 To 100, Deduct</i>	-17.11	
			<i>For &gt;100 To 250, Deduct</i>	-29.87	
			<i>For &gt;250 To 500, Deduct</i>	-51.04	
			<i>For &gt;500, Deduct</i>	-72.20	
26 51 19 00-0394	EA		24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT) .....	555.01	114.36
			<i>For &gt;50 To 100, Deduct</i>	-18.22	
			<i>For &gt;100 To 250, Deduct</i>	-32.10	
			<i>For &gt;250 To 500, Deduct</i>	-55.50	
			<i>For &gt;500, Deduct</i>	-78.90	
26 51 19 00-0395	EA		30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT) .....	659.94	114.36
			<i>For &gt;50 To 100, Deduct</i>	-20.85	
			<i>For &gt;100 To 250, Deduct</i>	-37.35	
			<i>For &gt;250 To 500, Deduct</i>	-65.99	
			<i>For &gt;500, Deduct</i>	-94.64	
26 51 19 00-0396	EA		36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT) .....	793.92	114.36
			<i>For &gt;50 To 100, Deduct</i>	-24.20	
			<i>For &gt;100 To 250, Deduct</i>	-44.05	
			<i>For &gt;250 To 500, Deduct</i>	-79.39	
			<i>For &gt;500, Deduct</i>	-114.74	
26 51 19 00-0397	EA		48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT) .....	1,141.72	116.48
			<i>For &gt;50 To 100, Deduct</i>	-34.37	
			<i>For &gt;100 To 250, Deduct</i>	-62.91	
			<i>For &gt;250 To 500, Deduct</i>	-114.17	
			<i>For &gt;500, Deduct</i>	-165.43	
<b>26 51 19 00-0398</b>			<b>LED High Bay Fixtures (Lithonia IBL) <small>(26 51 19 00-0324)</small></b>		
26 51 19 00-0399	EA		9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L) .....	621.35	116.48
			<i>For &gt;50 To 100, Deduct</i>	-21.36	
			<i>For &gt;100 To 250, Deduct</i>	-36.89	
			<i>For &gt;250 To 500, Deduct</i>	-62.14	
			<i>For &gt;500, Deduct</i>	-87.38	
26 51 19 00-0400	EA		12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L) .....	672.02	116.48
			<i>For &gt;50 To 100, Deduct</i>	-22.62	
			<i>For &gt;100 To 250, Deduct</i>	-39.43	
			<i>For &gt;250 To 500, Deduct</i>	-67.20	
			<i>For &gt;500, Deduct</i>	-94.98	
26 51 19 00-0401	EA		18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L) .....	808.84	116.48
			<i>For &gt;50 To 100, Deduct</i>	-26.05	
			<i>For &gt;100 To 250, Deduct</i>	-46.27	
			<i>For &gt;250 To 500, Deduct</i>	-80.88	
			<i>For &gt;500, Deduct</i>	-115.50	
26 51 19 00-0402	EA		24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L) .....	863.56	116.48
			<i>For &gt;50 To 100, Deduct</i>	-27.41	
			<i>For &gt;100 To 250, Deduct</i>	-49.00	
			<i>For &gt;250 To 500, Deduct</i>	-86.36	
			<i>For &gt;500, Deduct</i>	-123.71	
26 51 19 00-0403			<b>LED High Bay Fixtures (Metalux SSLED) <small>(26 51 19 00-0324)</small></b>		

**26 Electrical**

**26 50 Lighting**

**26 51 Interior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0404	EA		12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U) .....	738.29	116.48
			<i>For &gt;50 To 100, Deduct</i>	-24.28	
			<i>For &gt;100 To 250, Deduct</i>	-42.74	
			<i>For &gt;250 To 500, Deduct</i>	-73.83	
			<i>For &gt;500, Deduct</i>	-104.92	
26 51 19 00-0405	EA		15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U) .....	752.14	116.48
			<i>For &gt;50 To 100, Deduct</i>	-24.78	
			<i>For &gt;100 To 250, Deduct</i>	-43.73	
			<i>For &gt;250 To 500, Deduct</i>	-75.81	
			<i>For &gt;500, Deduct</i>	-107.90	
26 51 19 00-0406	EA		18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U) .....	766.14	116.48
			<i>For &gt;50 To 100, Deduct</i>	-24.98	
			<i>For &gt;100 To 250, Deduct</i>	-44.13	
			<i>For &gt;250 To 500, Deduct</i>	-76.61	
			<i>For &gt;500, Deduct</i>	-109.10	
26 51 19 00-0407	EA		24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U) .....	842.26	116.48
			<i>For &gt;50 To 100, Deduct</i>	-26.88	
			<i>For &gt;100 To 250, Deduct</i>	-47.94	
			<i>For &gt;250 To 500, Deduct</i>	-84.23	
			<i>For &gt;500, Deduct</i>	-120.52	
26 51 19 00-0408	EA		30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U) .....	930.93	116.48
			<i>For &gt;50 To 100, Deduct</i>	-29.10	
			<i>For &gt;100 To 250, Deduct</i>	-52.37	
			<i>For &gt;250 To 500, Deduct</i>	-93.09	
			<i>For &gt;500, Deduct</i>	-133.82	
26 51 19 00-0409	EA		36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U) .....	964.20	116.48
			<i>For &gt;50 To 100, Deduct</i>	-29.93	
			<i>For &gt;100 To 250, Deduct</i>	-54.03	
			<i>For &gt;250 To 500, Deduct</i>	-96.42	
			<i>For &gt;500, Deduct</i>	-138.81	
26 51 19 00-0410			<b>LED High Bay Fixtures (PlanLED)</b> <small>(26 51 19 00-0324)</small>		
26 51 19 00-0411			<b>LED High Bay Fixtures (PlanLED LUNA)</b> <small>(26 51 19 00-0410)</small> Note: Includes aluminum alloy chassis.		
26 51 19 00-0412	EA		7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70) .....	943.90	116.48
			<i>For &gt;50 To 100, Deduct</i>	-29.42	
			<i>For &gt;100 To 250, Deduct</i>	-53.02	
			<i>For &gt;250 To 500, Deduct</i>	-94.39	
			<i>For &gt;500, Deduct</i>	-135.76	
26 51 19 00-0413	EA		9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98) .....	1,065.29	116.48
			<i>For &gt;50 To 100, Deduct</i>	-32.46	
			<i>For &gt;100 To 250, Deduct</i>	-59.09	
			<i>For &gt;250 To 500, Deduct</i>	-106.53	
			<i>For &gt;500, Deduct</i>	-153.97	
26 51 19 00-0414	EA		13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130) .....	1,240.85	116.48
			<i>For &gt;50 To 100, Deduct</i>	-36.85	
			<i>For &gt;100 To 250, Deduct</i>	-67.87	
			<i>For &gt;250 To 500, Deduct</i>	-124.09	
			<i>For &gt;500, Deduct</i>	-180.30	
26 51 19 00-0415	EA		16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160) .....	1,412.09	116.48
			<i>For &gt;50 To 100, Deduct</i>	-41.13	
			<i>For &gt;100 To 250, Deduct</i>	-76.43	
			<i>For &gt;250 To 500, Deduct</i>	-141.21	
			<i>For &gt;500, Deduct</i>	-205.99	
26 51 19 00-0416			<b>LED High Bay Fixtures (PlanLED IBL)</b> <small>(26 51 19 00-0410)</small> Note: Includes aluminum alloy chassis.		
26 51 19 00-0417	EA		13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W) .....	1,030.61	116.48
			<i>For 480 Volt, Add</i>	60.82	
			<i>For &gt;50 To 100, Deduct</i>	-31.59	
			<i>For &gt;100 To 250, Deduct</i>	-57.35	
			<i>For &gt;250 To 500, Deduct</i>	-103.06	
			<i>For &gt;500, Deduct</i>	-148.77	
26 51 19 00-0418	EA		21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W) .....	1,453.27	116.48
			<i>For 480 Volt, Add</i>	77.08	
			<i>For &gt;50 To 100, Deduct</i>	-42.16	
			<i>For &gt;100 To 250, Deduct</i>	-78.49	
			<i>For &gt;250 To 500, Deduct</i>	-145.33	
			<i>For &gt;500, Deduct</i>	-212.17	
26 51 19 00-0419	EA		42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W) .....	2,617.23	116.48
			<i>For 480 Volt, Add</i>	122.30	
			<i>For &gt;50 To 100, Deduct</i>	-71.25	
			<i>For &gt;100 To 250, Deduct</i>	-136.69	
			<i>For &gt;250 To 500, Deduct</i>	-261.72	
			<i>For &gt;500, Deduct</i>	-386.76	
26 51 19 00-0420			<b>LED High Bay Fixtures (PlanLED SEGA)</b> <small>(26 51 19 00-0410)</small> Note: Includes aluminum alloy chassis.		



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0421	EA		10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080).....	803.02	116.48
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For &gt;50 To 100, Deduct</i>	-25.90	
			<i>For &gt;100 To 250, Deduct</i>	-45.98	
			<i>For &gt;250 To 500, Deduct</i>	-80.30	
			<i>For &gt;500, Deduct</i>	-114.63	
26 51 19 00-0422	EA		13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100).....	861.54	116.48
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For &gt;50 To 100, Deduct</i>	-27.36	
			<i>For &gt;100 To 250, Deduct</i>	-48.90	
			<i>For &gt;250 To 500, Deduct</i>	-86.15	
			<i>For &gt;500, Deduct</i>	-123.41	
26 51 19 00-0423	EA		16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130).....	1,063.12	116.48
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For &gt;50 To 100, Deduct</i>	-32.40	
			<i>For &gt;100 To 250, Deduct</i>	-58.98	
			<i>For &gt;250 To 500, Deduct</i>	-106.31	
			<i>For &gt;500, Deduct</i>	-153.64	
26 51 19 00-0424	EA		20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160).....	1,208.34	116.48
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For &gt;50 To 100, Deduct</i>	-36.03	
			<i>For &gt;100 To 250, Deduct</i>	-66.24	
			<i>For &gt;250 To 500, Deduct</i>	-120.83	
			<i>For &gt;500, Deduct</i>	-175.43	
26 51 19 00-0425	EA		50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400).....	2,279.09	116.48
			<i>For &gt;50 To 100, Deduct</i>	-62.80	
			<i>For &gt;100 To 250, Deduct</i>	-119.78	
			<i>For &gt;250 To 500, Deduct</i>	-227.91	
			<i>For &gt;500, Deduct</i>	-336.04	
26 51 19 00-0426	EA		57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500).....	2,469.84	116.48
			<i>For &gt;50 To 100, Deduct</i>	-67.57	
			<i>For &gt;100 To 250, Deduct</i>	-129.32	
			<i>For &gt;250 To 500, Deduct</i>	-246.98	
			<i>For &gt;500, Deduct</i>	-364.65	
26 51 19 00-0427	EA		80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640).....	3,783.03	116.48
			<i>For &gt;50 To 100, Deduct</i>	-100.40	
			<i>For &gt;100 To 250, Deduct</i>	-194.98	
			<i>For &gt;250 To 500, Deduct</i>	-378.30	
			<i>For &gt;500, Deduct</i>	-561.63	
26 51 19 00-0428			Wet/Hazardous Location, LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0429			Wet Location, LED Fixtures (26 51 19 00-0428)		
26 51 19 00-0430			Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) (26 51 19 00-0429)		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0431	EA		3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L).....	2,704.29	88.95
			<i>For Ceiling Mount, Add</i>	23.84	
			<i>For Quick Clip Mounting Option, Add</i>	35.05	
			<i>For Frosted Lens, Add</i>	75.38	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For Stanchion Mount, Add</i>	162.62	
			<i>For Wall Mount, Add</i>	180.02	
			<i>For Polycarbonate Lens, Add</i>	139.71	
			<i>For Teflon Coated Lens, Add</i>	159.99	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For &gt;50 To 100, Deduct</i>	-71.31	
			<i>For &gt;100 To 250, Deduct</i>	-138.92	
			<i>For &gt;250 To 500, Deduct</i>	-270.43	
			<i>For &gt;500, Deduct</i>	-401.94	
26 51 19 00-0432	EA		5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L).....	2,755.17	95.30
			<i>For Ceiling Mount, Add</i>	23.84	
			<i>For Quick Clip Mounting Option, Add</i>	35.05	
			<i>For Frosted Lens, Add</i>	75.38	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For Stanchion Mount, Add</i>	162.62	
			<i>For Wall Mount, Add</i>	180.02	
			<i>For Polycarbonate Lens, Add</i>	139.71	
			<i>For Teflon Coated Lens, Add</i>	159.99	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For &gt;50 To 100, Deduct</i>	-72.85	
			<i>For &gt;100 To 250, Deduct</i>	-141.73	
			<i>For &gt;250 To 500, Deduct</i>	-275.52	
			<i>For &gt;500, Deduct</i>	-409.30	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

26 51 19 00-0433	EA	7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L).....	3,112.60	101.65
		<i>For Ceiling Mount, Add</i>	23.84	
		<i>For Quick Clip Mounting Option, Add</i>	35.05	
		<i>For Frosted Lens, Add</i>	75.38	
		<i>For Warm White Color Rendering, Add</i>	97.03	
		<i>For Stanchion Mount, Add</i>	162.62	
		<i>For Wall Mount, Add</i>	180.02	
		<i>For Polycarbonate Lens, Add</i>	139.71	
		<i>For Teflon Coated Lens, Add</i>	159.99	
		<i>For 480 Volt, Add</i>	228.54	
		<i>For &gt;50 To 100, Deduct</i>	-82.05	
		<i>For &gt;100 To 250, Deduct</i>	-159.87	
		<i>For &gt;250 To 500, Deduct</i>	-311.26	
		<i>For &gt;500, Deduct</i>	-462.65	
26 51 19 00-0434	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L).....	3,751.38	108.01
		<i>For Ceiling Mount, Add</i>	23.84	
		<i>For Quick Clip Mounting Option, Add</i>	35.05	
		<i>For Frosted Lens, Add</i>	75.38	
		<i>For Warm White Color Rendering, Add</i>	97.03	
		<i>For Stanchion Mount, Add</i>	162.62	
		<i>For Wall Mount, Add</i>	180.02	
		<i>For Polycarbonate Lens, Add</i>	139.71	
		<i>For Teflon Coated Lens, Add</i>	159.99	
		<i>For 480 Volt, Add</i>	228.54	
		<i>For &gt;50 To 100, Deduct</i>	-98.28	
		<i>For &gt;100 To 250, Deduct</i>	-192.07	
		<i>For &gt;250 To 500, Deduct</i>	-375.14	
		<i>For &gt;500, Deduct</i>	-558.21	
26 51 19 00-0435	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	4,792.03	114.36
		<i>For Ceiling Mount, Add</i>	23.84	
		<i>For Quick Clip Mounting Option, Add</i>	35.05	
		<i>For Frosted Lens, Add</i>	75.38	
		<i>For Warm White Color Rendering, Add</i>	97.03	
		<i>For Stanchion Mount, Add</i>	162.62	
		<i>For Wall Mount, Add</i>	180.02	
		<i>For Polycarbonate Lens, Add</i>	139.71	
		<i>For Teflon Coated Lens, Add</i>	159.99	
		<i>For 480 Volt, Add</i>	228.54	
		<i>For &gt;50 To 100, Deduct</i>	-124.57	
		<i>For &gt;100 To 250, Deduct</i>	-244.37	
		<i>For &gt;250 To 500, Deduct</i>	-479.20	
		<i>For &gt;500, Deduct</i>	-714.04	
26 51 19 00-0436	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	6,316.31	117.53
		<i>For Ceiling Mount, Add</i>	23.84	
		<i>For Quick Clip Mounting Option, Add</i>	35.05	
		<i>For Frosted Lens, Add</i>	75.38	
		<i>For Warm White Color Rendering, Add</i>	97.03	
		<i>For Stanchion Mount, Add</i>	162.62	
		<i>For Wall Mount, Add</i>	180.02	
		<i>For Polycarbonate Lens, Add</i>	139.71	
		<i>For Teflon Coated Lens, Add</i>	159.99	
		<i>For 480 Volt, Add</i>	228.54	
		<i>For &gt;50 To 100, Deduct</i>	-162.81	
		<i>For &gt;100 To 250, Deduct</i>	-320.71	
		<i>For &gt;250 To 500, Deduct</i>	-631.63	
		<i>For &gt;500, Deduct</i>	-942.55	
26 51 19 00-0437	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L).....	7,320.50	120.71
		<i>For Ceiling Mount, Add</i>	23.84	
		<i>For Quick Clip Mounting Option, Add</i>	35.05	
		<i>For Frosted Lens, Add</i>	75.38	
		<i>For Warm White Color Rendering, Add</i>	97.03	
		<i>For Stanchion Mount, Add</i>	162.62	
		<i>For Wall Mount, Add</i>	180.02	
		<i>For Polycarbonate Lens, Add</i>	139.71	
		<i>For Teflon Coated Lens, Add</i>	159.99	
		<i>For 480 Volt, Add</i>	228.54	
		<i>For &gt;50 To 100, Deduct</i>	-188.04	
		<i>For &gt;100 To 250, Deduct</i>	-371.05	
		<i>For &gt;250 To 500, Deduct</i>	-732.05	
		<i>For &gt;500, Deduct</i>	-1,093.05	

26 51 19 00-0438 Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) (26 51 19 00-0429)

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0439	EA		5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L).....	2,432.19	95.30
			<i>For Bolt-On Visor, Add</i>	129.78	
			<i>For Bolt-On Wire Guard, Add</i>	266.93	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For &gt;50 To 100, Deduct</i>	-64.78	
			<i>For &gt;100 To 250, Deduct</i>	-125.58	
			<i>For &gt;250 To 500, Deduct</i>	-243.22	
			<i>For &gt;500, Deduct</i>	-360.86	
26 51 19 00-0440	EA		7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L).....	3,601.98	101.65
			<i>For Bolt-On Visor, Add</i>	129.78	
			<i>For Bolt-On Wire Guard, Add</i>	266.93	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For &gt;50 To 100, Deduct</i>	-94.29	
			<i>For &gt;100 To 250, Deduct</i>	-184.33	
			<i>For &gt;250 To 500, Deduct</i>	-360.20	
			<i>For &gt;500, Deduct</i>	-536.06	
26 51 19 00-0441	EA		9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L).....	3,972.85	108.01
			<i>For Bolt-On Visor, Add</i>	129.78	
			<i>For Bolt-On Wire Guard, Add</i>	266.93	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For &gt;50 To 100, Deduct</i>	-103.82	
			<i>For &gt;100 To 250, Deduct</i>	-203.14	
			<i>For &gt;250 To 500, Deduct</i>	-397.29	
			<i>For &gt;500, Deduct</i>	-591.43	
26 51 19 00-0442	EA		11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L).....	4,564.50	114.36
			<i>For Bolt-On Visor, Add</i>	129.78	
			<i>For Bolt-On Wire Guard, Add</i>	266.93	
			<i>For 480 Volt, Add</i>	228.54	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For &gt;50 To 100, Deduct</i>	-118.88	
			<i>For &gt;100 To 250, Deduct</i>	-232.99	
			<i>For &gt;250 To 500, Deduct</i>	-456.45	
			<i>For &gt;500, Deduct</i>	-679.91	
26 51 19 00-0443			<b>Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L)</b> <small>(26 51 19 00-0429)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0444	EA		1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	1,679.38	88.95
			<i>For 12/24 Volt DC Driver, Add</i>	36.89	
			<i>For Frosted Lens, Add</i>	75.38	
			<i>For 55 Degree Ambient Suitability (AC Only), Add</i>	50.22	
			<i>For Warm White Color Rendering, Add</i>	97.03	
			<i>For Ceiling Mount, Add</i>	114.59	
			<i>For Wall Mount, Add</i>	166.19	
			<i>For Teflon Coated Lens, Add</i>	159.99	
			<i>For Wall Mount With Junction Box, Add</i>	241.42	
			<i>For &gt;50 To 100, Deduct</i>	-45.69	
			<i>For &gt;100 To 250, Deduct</i>	-87.68	
			<i>For &gt;250 To 500, Deduct</i>	-167.94	
			<i>For &gt;500, Deduct</i>	-248.20	
26 51 19 00-0445			<b>Ceiling Mounted LED Fixtures</b> <small>(26 51 19 00-0001)</small>		
26 51 19 00-0446			<b>Ceiling Mounted, LED Drum Fixtures (Enertron)</b> <small>(26 51 19 00-0445)</small>		
26 51 19 00-0447	EA		11" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30).....	118.67	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.56	
			<i>For &gt;100 To 250, Deduct</i>	-7.52	
			<i>For &gt;250 To 500, Deduct</i>	-11.87	
			<i>For &gt;500, Deduct</i>	-16.21	
26 51 19 00-0448	EA		11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30).....	124.15	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.69	
			<i>For &gt;100 To 250, Deduct</i>	-7.80	
			<i>For &gt;250 To 500, Deduct</i>	-12.42	
			<i>For &gt;500, Deduct</i>	-17.03	
26 51 19 00-0449	EA		11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30).....	129.62	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.83	
			<i>For &gt;100 To 250, Deduct</i>	-8.07	
			<i>For &gt;250 To 500, Deduct</i>	-12.96	
			<i>For &gt;500, Deduct</i>	-17.85	
26 51 19 00-0450	EA		11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30).....	135.10	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.97	
			<i>For &gt;100 To 250, Deduct</i>	-8.34	
			<i>For &gt;250 To 500, Deduct</i>	-13.51	
			<i>For &gt;500, Deduct</i>	-18.68	



**26 Electrical**

**26 50 Lighting**

**26 51 Interior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0451	EA	14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30) .....	130.71	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.02	
			<i>For &gt;100 To 250, Deduct</i>	-8.28	
			<i>For &gt;250 To 500, Deduct</i>	-13.07	
			<i>For &gt;500, Deduct</i>	-17.86	
26 51	19 00-0452	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30) .....	136.18	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.15	
			<i>For &gt;100 To 250, Deduct</i>	-8.56	
			<i>For &gt;250 To 500, Deduct</i>	-13.62	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0453	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30) .....	141.65	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.29	
			<i>For &gt;100 To 250, Deduct</i>	-8.83	
			<i>For &gt;250 To 500, Deduct</i>	-14.17	
			<i>For &gt;500, Deduct</i>	-19.50	
26 51	19 00-0454	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30) .....	147.13	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.43	
			<i>For &gt;100 To 250, Deduct</i>	-9.10	
			<i>For &gt;250 To 500, Deduct</i>	-14.71	
			<i>For &gt;500, Deduct</i>	-20.32	
26 51	19 00-0455	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30) .....	158.08	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.70	
			<i>For &gt;100 To 250, Deduct</i>	-9.65	
			<i>For &gt;250 To 500, Deduct</i>	-15.81	
			<i>For &gt;500, Deduct</i>	-21.96	
26 51	19 00-0456	EA	11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35) .....	118.67	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.56	
			<i>For &gt;100 To 250, Deduct</i>	-7.52	
			<i>For &gt;250 To 500, Deduct</i>	-11.87	
			<i>For &gt;500, Deduct</i>	-16.21	
26 51	19 00-0457	EA	11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35) .....	124.15	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.69	
			<i>For &gt;100 To 250, Deduct</i>	-7.80	
			<i>For &gt;250 To 500, Deduct</i>	-12.42	
			<i>For &gt;500, Deduct</i>	-17.03	
26 51	19 00-0458	EA	11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35) .....	129.62	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.83	
			<i>For &gt;100 To 250, Deduct</i>	-8.07	
			<i>For &gt;250 To 500, Deduct</i>	-12.96	
			<i>For &gt;500, Deduct</i>	-17.85	
26 51	19 00-0459	EA	11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35) .....	135.10	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.97	
			<i>For &gt;100 To 250, Deduct</i>	-8.34	
			<i>For &gt;250 To 500, Deduct</i>	-13.51	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0460	EA	14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35) .....	130.71	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.02	
			<i>For &gt;100 To 250, Deduct</i>	-8.28	
			<i>For &gt;250 To 500, Deduct</i>	-13.07	
			<i>For &gt;500, Deduct</i>	-17.86	
26 51	19 00-0461	EA	14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35) .....	136.18	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.15	
			<i>For &gt;100 To 250, Deduct</i>	-8.56	
			<i>For &gt;250 To 500, Deduct</i>	-13.62	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0462	EA	14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35) .....	141.65	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.29	
			<i>For &gt;100 To 250, Deduct</i>	-8.83	
			<i>For &gt;250 To 500, Deduct</i>	-14.17	
			<i>For &gt;500, Deduct</i>	-19.50	
26 51	19 00-0463	EA	14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35) .....	147.13	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.43	
			<i>For &gt;100 To 250, Deduct</i>	-9.10	
			<i>For &gt;250 To 500, Deduct</i>	-14.71	
			<i>For &gt;500, Deduct</i>	-20.32	
26 51	19 00-0464	EA	14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30) .....	158.08	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.70	
			<i>For &gt;100 To 250, Deduct</i>	-9.65	
			<i>For &gt;250 To 500, Deduct</i>	-15.81	
			<i>For &gt;500, Deduct</i>	-21.96	
26 51	19 00-0465	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40) .....	118.67	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.56	
			<i>For &gt;100 To 250, Deduct</i>	-7.52	
			<i>For &gt;250 To 500, Deduct</i>	-11.87	
			<i>For &gt;500, Deduct</i>	-16.21	
26 51	19 00-0466	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40) .....	124.15	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.69	
			<i>For &gt;100 To 250, Deduct</i>	-7.80	
			<i>For &gt;250 To 500, Deduct</i>	-12.42	
			<i>For &gt;500, Deduct</i>	-17.03	
26 51	19 00-0467	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40) .....	129.62	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.83	
			<i>For &gt;100 To 250, Deduct</i>	-8.07	
			<i>For &gt;250 To 500, Deduct</i>	-12.96	
			<i>For &gt;500, Deduct</i>	-17.85	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0468	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40) .....	135.10	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.97	
			<i>For &gt;100 To 250, Deduct</i>	-8.34	
			<i>For &gt;250 To 500, Deduct</i>	-13.51	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0469	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40) .....	130.71	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.02	
			<i>For &gt;100 To 250, Deduct</i>	-8.28	
			<i>For &gt;250 To 500, Deduct</i>	-13.07	
			<i>For &gt;500, Deduct</i>	-17.86	
26 51	19 00-0470	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40) .....	136.18	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.15	
			<i>For &gt;100 To 250, Deduct</i>	-8.56	
			<i>For &gt;250 To 500, Deduct</i>	-13.62	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0471	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40) .....	141.65	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.29	
			<i>For &gt;100 To 250, Deduct</i>	-8.83	
			<i>For &gt;250 To 500, Deduct</i>	-14.17	
			<i>For &gt;500, Deduct</i>	-19.50	
26 51	19 00-0472	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40) .....	147.13	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.43	
			<i>For &gt;100 To 250, Deduct</i>	-9.10	
			<i>For &gt;250 To 500, Deduct</i>	-14.71	
			<i>For &gt;500, Deduct</i>	-20.32	
26 51	19 00-0473	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40) .....	158.08	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.70	
			<i>For &gt;100 To 250, Deduct</i>	-9.65	
			<i>For &gt;250 To 500, Deduct</i>	-15.81	
			<i>For &gt;500, Deduct</i>	-21.96	
26 51	19 00-0474	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50) .....	118.67	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.56	
			<i>For &gt;100 To 250, Deduct</i>	-7.52	
			<i>For &gt;250 To 500, Deduct</i>	-11.87	
			<i>For &gt;500, Deduct</i>	-16.21	
26 51	19 00-0475	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50) .....	124.15	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.69	
			<i>For &gt;100 To 250, Deduct</i>	-7.80	
			<i>For &gt;250 To 500, Deduct</i>	-12.42	
			<i>For &gt;500, Deduct</i>	-17.03	
26 51	19 00-0476	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50) .....	129.62	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.83	
			<i>For &gt;100 To 250, Deduct</i>	-8.07	
			<i>For &gt;250 To 500, Deduct</i>	-12.96	
			<i>For &gt;500, Deduct</i>	-17.85	
26 51	19 00-0477	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50) .....	135.10	42.35
			<i>For &gt;50 To 100, Deduct</i>	-4.97	
			<i>For &gt;100 To 250, Deduct</i>	-8.34	
			<i>For &gt;250 To 500, Deduct</i>	-13.51	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0478	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40) .....	130.71	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.02	
			<i>For &gt;100 To 250, Deduct</i>	-8.28	
			<i>For &gt;250 To 500, Deduct</i>	-13.07	
			<i>For &gt;500, Deduct</i>	-17.86	
26 51	19 00-0479	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40) .....	136.18	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.15	
			<i>For &gt;100 To 250, Deduct</i>	-8.56	
			<i>For &gt;250 To 500, Deduct</i>	-13.62	
			<i>For &gt;500, Deduct</i>	-18.68	
26 51	19 00-0480	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40) .....	141.65	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.29	
			<i>For &gt;100 To 250, Deduct</i>	-8.83	
			<i>For &gt;250 To 500, Deduct</i>	-14.17	
			<i>For &gt;500, Deduct</i>	-19.50	
26 51	19 00-0481	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40) .....	147.13	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.43	
			<i>For &gt;100 To 250, Deduct</i>	-9.10	
			<i>For &gt;250 To 500, Deduct</i>	-14.71	
			<i>For &gt;500, Deduct</i>	-20.32	
26 51	19 00-0482	EA	14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40) .....	158.08	46.59
			<i>For &gt;50 To 100, Deduct</i>	-5.70	
			<i>For &gt;100 To 250, Deduct</i>	-9.65	
			<i>For &gt;250 To 500, Deduct</i>	-15.81	
			<i>For &gt;500, Deduct</i>	-21.96	
26 51	19 00-0483	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30) .....	163.38	50.29
			<i>For &gt;50 To 100, Deduct</i>	-5.99	
			<i>For &gt;100 To 250, Deduct</i>	-10.08	
			<i>For &gt;250 To 500, Deduct</i>	-16.34	
			<i>For &gt;500, Deduct</i>	-22.60	
26 51	19 00-0484	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30) .....	175.82	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.30	
			<i>For &gt;100 To 250, Deduct</i>	-10.70	
			<i>For &gt;250 To 500, Deduct</i>	-17.58	
			<i>For &gt;500, Deduct</i>	-24.47	

**26 Electrical**

**26 50 Lighting**

**26 51 Interior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0485	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30).....	172.79	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.23	
			<i>For &gt;100 To 250, Deduct</i>	-10.55	
			<i>For &gt;250 To 500, Deduct</i>	-17.28	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0486	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30).....	172.74	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.22	
			<i>For &gt;100 To 250, Deduct</i>	-10.54	
			<i>For &gt;250 To 500, Deduct</i>	-17.27	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0487	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	186.77	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.58	
			<i>For &gt;100 To 250, Deduct</i>	-11.24	
			<i>For &gt;250 To 500, Deduct</i>	-18.68	
			<i>For &gt;500, Deduct</i>	-26.11	
26 51	19 00-0488	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.24	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.46	
			<i>For &gt;100 To 250, Deduct</i>	-11.02	
			<i>For &gt;250 To 500, Deduct</i>	-18.22	
			<i>For &gt;500, Deduct</i>	-25.43	
26 51	19 00-0489	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30).....	201.21	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.94	
			<i>For &gt;100 To 250, Deduct</i>	-11.97	
			<i>For &gt;250 To 500, Deduct</i>	-20.12	
			<i>For &gt;500, Deduct</i>	-28.28	
26 51	19 00-0490	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30).....	195.03	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.50	
			<i>For &gt;500, Deduct</i>	-27.35	
26 51	19 00-0491	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30).....	195.08	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.51	
			<i>For &gt;500, Deduct</i>	-27.36	
26 51	19 00-0492	EA	19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35).....	163.38	50.29
			<i>For &gt;50 To 100, Deduct</i>	-5.99	
			<i>For &gt;100 To 250, Deduct</i>	-10.08	
			<i>For &gt;250 To 500, Deduct</i>	-16.34	
			<i>For &gt;500, Deduct</i>	-22.60	
26 51	19 00-0493	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35).....	175.82	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.30	
			<i>For &gt;100 To 250, Deduct</i>	-10.70	
			<i>For &gt;250 To 500, Deduct</i>	-17.58	
			<i>For &gt;500, Deduct</i>	-24.47	
26 51	19 00-0494	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	172.79	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.23	
			<i>For &gt;100 To 250, Deduct</i>	-10.55	
			<i>For &gt;250 To 500, Deduct</i>	-17.28	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0495	EA	19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35).....	172.74	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.22	
			<i>For &gt;100 To 250, Deduct</i>	-10.54	
			<i>For &gt;250 To 500, Deduct</i>	-17.27	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0496	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	186.77	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.58	
			<i>For &gt;100 To 250, Deduct</i>	-11.24	
			<i>For &gt;250 To 500, Deduct</i>	-18.68	
			<i>For &gt;500, Deduct</i>	-26.11	
26 51	19 00-0497	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.24	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.46	
			<i>For &gt;100 To 250, Deduct</i>	-11.02	
			<i>For &gt;250 To 500, Deduct</i>	-18.22	
			<i>For &gt;500, Deduct</i>	-25.43	
26 51	19 00-0498	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30).....	201.21	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.94	
			<i>For &gt;100 To 250, Deduct</i>	-11.97	
			<i>For &gt;250 To 500, Deduct</i>	-20.12	
			<i>For &gt;500, Deduct</i>	-28.28	
26 51	19 00-0499	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35).....	195.03	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.50	
			<i>For &gt;500, Deduct</i>	-27.35	
26 51	19 00-0500	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35).....	195.08	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.51	
			<i>For &gt;500, Deduct</i>	-27.36	
26 51	19 00-0501	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40).....	163.38	50.29
			<i>For &gt;50 To 100, Deduct</i>	-5.99	
			<i>For &gt;100 To 250, Deduct</i>	-10.08	
			<i>For &gt;250 To 500, Deduct</i>	-16.34	
			<i>For &gt;500, Deduct</i>	-22.60	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0502	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	175.82	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.30	
			<i>For &gt;100 To 250, Deduct</i>	-10.70	
			<i>For &gt;250 To 500, Deduct</i>	-17.58	
			<i>For &gt;500, Deduct</i>	-24.47	
26 51	19 00-0503	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	172.79	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.23	
			<i>For &gt;100 To 250, Deduct</i>	-10.55	
			<i>For &gt;250 To 500, Deduct</i>	-17.28	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0504	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40).....	172.74	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.22	
			<i>For &gt;100 To 250, Deduct</i>	-10.54	
			<i>For &gt;250 To 500, Deduct</i>	-17.27	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0505	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	186.77	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.58	
			<i>For &gt;100 To 250, Deduct</i>	-11.24	
			<i>For &gt;250 To 500, Deduct</i>	-18.68	
			<i>For &gt;500, Deduct</i>	-26.11	
26 51	19 00-0506	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.24	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.46	
			<i>For &gt;100 To 250, Deduct</i>	-11.02	
			<i>For &gt;250 To 500, Deduct</i>	-18.22	
			<i>For &gt;500, Deduct</i>	-25.43	
26 51	19 00-0507	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30).....	201.21	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.94	
			<i>For &gt;100 To 250, Deduct</i>	-11.97	
			<i>For &gt;250 To 500, Deduct</i>	-20.12	
			<i>For &gt;500, Deduct</i>	-28.28	
26 51	19 00-0508	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40).....	195.03	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.50	
			<i>For &gt;500, Deduct</i>	-27.35	
26 51	19 00-0509	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40).....	195.08	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.51	
			<i>For &gt;500, Deduct</i>	-27.36	
26 51	19 00-0510	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50).....	163.38	50.29
			<i>For &gt;50 To 100, Deduct</i>	-5.99	
			<i>For &gt;100 To 250, Deduct</i>	-10.08	
			<i>For &gt;250 To 500, Deduct</i>	-16.34	
			<i>For &gt;500, Deduct</i>	-22.60	
26 51	19 00-0511	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	175.82	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.30	
			<i>For &gt;100 To 250, Deduct</i>	-10.70	
			<i>For &gt;250 To 500, Deduct</i>	-17.58	
			<i>For &gt;500, Deduct</i>	-24.47	
26 51	19 00-0512	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50).....	172.79	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.23	
			<i>For &gt;100 To 250, Deduct</i>	-10.55	
			<i>For &gt;250 To 500, Deduct</i>	-17.28	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0513	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50).....	172.74	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.22	
			<i>For &gt;100 To 250, Deduct</i>	-10.54	
			<i>For &gt;250 To 500, Deduct</i>	-17.27	
			<i>For &gt;500, Deduct</i>	-24.01	
26 51	19 00-0514	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	186.77	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.58	
			<i>For &gt;100 To 250, Deduct</i>	-11.24	
			<i>For &gt;250 To 500, Deduct</i>	-18.68	
			<i>For &gt;500, Deduct</i>	-26.11	
26 51	19 00-0515	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.24	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.46	
			<i>For &gt;100 To 250, Deduct</i>	-11.02	
			<i>For &gt;250 To 500, Deduct</i>	-18.22	
			<i>For &gt;500, Deduct</i>	-25.43	
26 51	19 00-0516	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30).....	201.21	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.94	
			<i>For &gt;100 To 250, Deduct</i>	-11.97	
			<i>For &gt;250 To 500, Deduct</i>	-20.12	
			<i>For &gt;500, Deduct</i>	-28.28	
26 51	19 00-0517	EA	19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50).....	195.03	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.50	
			<i>For &gt;500, Deduct</i>	-27.35	
26 51	19 00-0518	EA	19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50).....	195.08	50.29
			<i>For &gt;50 To 100, Deduct</i>	-6.78	
			<i>For &gt;100 To 250, Deduct</i>	-11.66	
			<i>For &gt;250 To 500, Deduct</i>	-19.51	
			<i>For &gt;500, Deduct</i>	-27.36	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0519			Refrigeration/Display LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0520			Refrigeration/Display LED Fixtures (Lithonia) <small>(26 51 19 00-0519)</small> Note: Fixtures exclude driver.		
26 51 19 00-0521	EA		5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM) .....	280.77	49.34
			For >50 To 100, Deduct	-8.87	
			For >100 To 250, Deduct	-15.89	
			For >250 To 500, Deduct	-28.08	
			For >500, Deduct	-40.26	
26 51 19 00-0522	EA		5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC) .....	365.36	87.36
			For >50 To 100, Deduct	-12.44	
			For >100 To 250, Deduct	-21.58	
			For >250 To 500, Deduct	-36.54	
			For >500, Deduct	-51.50	
26 51 19 00-0523	EA		Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL) .....	334.93	69.89
			For >50 To 100, Deduct	-11.02	
			For >100 To 250, Deduct	-19.39	
			For >250 To 500, Deduct	-33.49	
			For >500, Deduct	-47.59	
26 51 19 00-0524			Pendant Mount, LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0525			Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) <small>(26 51 19 00-0524)</small>		
26 51 19 00-0526	EA		2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S) .....	2,638.63	108.01
			For >50 To 100, Deduct	-70.47	
			For >100 To 250, Deduct	-136.43	
			For >250 To 500, Deduct	-263.86	
			For >500, Deduct	-391.29	
26 51 19 00-0527	EA		3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S) .....	3,993.41	114.36
			For >50 To 100, Deduct	-104.60	
			For >100 To 250, Deduct	-204.44	
			For >250 To 500, Deduct	-399.34	
			For >500, Deduct	-594.25	
26 51 19 00-0528	EA		4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S) .....	5,104.32	120.71
			For >50 To 100, Deduct	-132.64	
			For >100 To 250, Deduct	-260.25	
			For >250 To 500, Deduct	-510.43	
			For >500, Deduct	-760.62	
26 51 19 00-0529	EA		5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S) .....	6,459.09	127.07
			For >50 To 100, Deduct	-166.77	
			For >100 To 250, Deduct	-328.25	
			For >250 To 500, Deduct	-645.91	
			For >500, Deduct	-963.57	
26 51 19 00-0530	EA		2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S) .....	2,799.85	108.01
			For >50 To 100, Deduct	-74.50	
			For >100 To 250, Deduct	-144.49	
			For >250 To 500, Deduct	-279.99	
			For >500, Deduct	-415.48	
26 51 19 00-0531	EA		3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S) .....	4,207.02	114.36
			For >50 To 100, Deduct	-109.94	
			For >100 To 250, Deduct	-215.12	
			For >250 To 500, Deduct	-420.70	
			For >500, Deduct	-626.29	
26 51 19 00-0532	EA		4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S) .....	5,319.95	120.71
			For >50 To 100, Deduct	-138.03	
			For >100 To 250, Deduct	-271.03	
			For >250 To 500, Deduct	-532.00	
			For >500, Deduct	-792.96	
26 51 19 00-0533	EA		5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S) .....	6,700.92	127.07
			For >50 To 100, Deduct	-172.82	
			For >100 To 250, Deduct	-340.34	
			For >250 To 500, Deduct	-670.09	
			For >500, Deduct	-999.84	
26 51 19 00-0534			Pendant Mount, LED Commercial Fixtures (DMF) <small>(26 51 19 00-0524)</small>		
26 51 19 00-0535	EA		3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED) .....	1,018.81	63.53
			For >50 To 100, Deduct	-28.12	
			For >100 To 250, Deduct	-53.59	
			For >250 To 500, Deduct	-101.88	
			For >500, Deduct	-150.17	
26 51 19 00-0536			LED Track Lighting <small>(26 51 19 00-0001)</small>		





	<b>Electrical</b>	<b>26</b>	
	Lighting	26 50	26
	Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0537			<b>Track Lighting Tracks</b> (26 51 19 00-0536)		
26 51 19 00-0538	LF		1 Circuit Track Lighting Track.....	23.57	7.65
			<i>For &gt;50 To 100, Deduct</i>	-0.85	
			<i>For &gt;100 To 250, Deduct</i>	-1.44	
			<i>For &gt;250 To 500, Deduct</i>	-2.36	
			<i>For &gt;500, Deduct</i>	-3.27	
26 51 19 00-0539	LF		2 Circuit Track Lighting Track.....	30.49	7.65
			<i>For &gt;50 To 100, Deduct</i>	-1.05	
			<i>For &gt;100 To 250, Deduct</i>	-1.81	
			<i>For &gt;250 To 500, Deduct</i>	-3.05	
			<i>For &gt;500, Deduct</i>	-4.28	
26 51 19 00-0540	LF		3 Circuit Track Lighting Track.....	36.41	7.65
			<i>For &gt;50 To 100, Deduct</i>	-1.23	
			<i>For &gt;100 To 250, Deduct</i>	-2.14	
			<i>For &gt;250 To 500, Deduct</i>	-3.64	
			<i>For &gt;500, Deduct</i>	-5.14	
26 51 19 00-0541	LF		4 Circuit Track Lighting Track.....	42.34	9.27
			<i>For &gt;50 To 100, Deduct</i>	-1.41	
			<i>For &gt;100 To 250, Deduct</i>	-2.46	
			<i>For &gt;250 To 500, Deduct</i>	-4.23	
			<i>For &gt;500, Deduct</i>	-6.00	
26 51 19 00-0542			<b>LED Track Lighting Fixtures</b> (26 51 19 00-0536)		
26 51 19 00-0543	EA		19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™).....	199.68	19.35
			<i>For &gt;50 To 100, Deduct</i>	-5.72	
			<i>For &gt;100 To 250, Deduct</i>	-10.71	
			<i>For &gt;250 To 500, Deduct</i>	-19.97	
			<i>For &gt;500, Deduct</i>	-29.23	
26 51 19 00-0544	EA		18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED).....	348.33	19.35
			<i>For &gt;50 To 100, Deduct</i>	-9.43	
			<i>For &gt;100 To 250, Deduct</i>	-18.14	
			<i>For &gt;250 To 500, Deduct</i>	-34.83	
			<i>For &gt;500, Deduct</i>	-51.53	
26 51 19 00-0545	EA		24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33).....	205.32	19.35
			<i>For &gt;50 To 100, Deduct</i>	-5.86	
			<i>For &gt;100 To 250, Deduct</i>	-10.99	
			<i>For &gt;250 To 500, Deduct</i>	-20.53	
			<i>For &gt;500, Deduct</i>	-30.07	
26 51 19 00-0546			<b>Track Lighting Accessories</b> (26 51 19 00-0536)		
26 51 19 00-0547			<b>Pendant Mounting</b> (26 51 19 00-0546)		
26 51 19 00-0548	EA		Track Lighting Pendant Mounting, Up to 12".....	26.12	
			<i>For &gt;50 To 100, Deduct</i>	-1.09	
			<i>For &gt;100 To 250, Deduct</i>	-1.74	
			<i>For &gt;250 To 500, Deduct</i>	-2.61	
			<i>For &gt;500, Deduct</i>	-3.48	
26 51 19 00-0549	EA		Track Lighting Pendant Mounting, >12" To 24".....	33.39	
			<i>For &gt;50 To 100, Deduct</i>	-1.33	
			<i>For &gt;100 To 250, Deduct</i>	-2.16	
			<i>For &gt;250 To 500, Deduct</i>	-3.34	
			<i>For &gt;500, Deduct</i>	-4.52	
26 51 19 00-0550	EA		Track Lighting Pendant Mounting, >24" To 36".....	40.65	
			<i>For &gt;50 To 100, Deduct</i>	-1.60	
			<i>For &gt;100 To 250, Deduct</i>	-2.61	
			<i>For &gt;250 To 500, Deduct</i>	-4.07	
			<i>For &gt;500, Deduct</i>	-5.52	
26 51 23			<b>HID Interior Lighting</b> (26 51)		
26 51 23 00-0001			<b>Large Interior Area Fixtures</b> (26 51 23)		
26 51 23 00-0002			<b>Recessed Mounted, Large Interior Area Fixtures</b> (26 51 23 00-0001) Note: Cast aluminum socket housing, anodized aluminum reflector, tempered glass or acrylic lens, plaster mounting frames and brackets.		
26 51 23 00-0003			<b>High Pressure Sodium, Recessed Mounted, Large Interior Area Fixtures</b> (26 51 23 00-0002)		
26 51 23 00-0004	EA		150 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	468.45	123.56
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
26 51 23 00-0005	EA		250 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	487.62	131.20
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
26 51 23 00-0006	EA		400 Watt High Pressure Sodium, Recessed Mounted, Large Interior Area Fixture.....	509.27	149.75
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
26 51 23 00-0007			<b>Metal Halide, Recessed Mounted, Large Interior Area Fixtures</b> (26 51 23 00-0002)		

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0008	EA		150 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture .....	477.38	123.56
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
26 51 23 00-0009	EA		250 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture .....	491.40	131.20
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
26 51 23 00-0010	EA		400 Watt Metal Halide, Recessed Mounted, Large Interior Area Fixture .....	522.12	149.75
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
<b>26 51 23 00-0011</b>			<b>Low Bay Fixtures, Large Interior Area Fixtures</b> <small>(26 51 23 00-0001)</small>		
			Note: Heavy-duty steel housing, aluminum reflector, tempered glass or acrylic lens. Low bay fixtures are for mounting below 20-25 feet.		
<b>26 51 23 00-0012</b>			<b>High Pressure Sodium, Low Bay Fixtures</b> <small>(26 51 23 00-0011)</small>		
26 51 23 00-0013	EA		150 Watt High Pressure Sodium, Low Bay Fixture .....	455.95	112.88
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
26 51 23 00-0014	EA		250 Watt High Pressure Sodium, Low Bay Fixture .....	468.28	119.87
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
26 51 23 00-0015	EA		400 Watt High Pressure Sodium, Low Bay Fixture .....	495.37	136.80
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
<b>26 51 23 00-0016</b>			<b>Metal Halide, Low Bay Fixtures</b> <small>(26 51 23 00-0011)</small>		
26 51 23 00-0017	EA		175 Watt Metal Halide, Low Bay Fixture .....	449.83	112.88
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
26 51 23 00-0018	EA		250 Watt Metal Halide, Low Bay Fixture .....	461.34	119.87
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
26 51 23 00-0019	EA		400 Watt Metal Halide, Low Bay Fixture .....	499.45	136.80
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Enclosed And Gasketed, Add</i>	75.47	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
<b>26 51 23 00-0020</b>			<b>High Bay Fixtures, Large Interior Area Fixtures</b> <small>(26 51 23 00-0001)</small>		
			Note: High bay fixtures are for mounting above 20-25 feet. See CSI section 01 22 23 00-0001 for lifts.		
<b>26 51 23 00-0021</b>			<b>High Pressure Sodium, High Bay Fixtures</b> <small>(26 51 23 00-0020)</small>		
			Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.		
26 51 23 00-0022	EA		250 Watt High Pressure Sodium, High Bay Fixture .....	418.64	119.87
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Optical Safety Chain, Add</i>	7.47	
			<i>For Ballast Safety Chain, Add</i>	12.13	
26 51 23 00-0023	EA		400 Watt High Pressure Sodium, High Bay Fixture .....	450.98	136.80
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Optical Safety Chain, Add</i>	7.47	
			<i>For Ballast Safety Chain, Add</i>	12.13	
26 51 23 00-0024	EA		1,000 Watt High Pressure Sodium, High Bay Fixture .....	665.31	143.90
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Optical Safety Chain, Add</i>	7.47	
			<i>For Ballast Safety Chain, Add</i>	12.13	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 51 23 00-0025 Metal Halide, High Bay Fixtures</b> <small>(26 51 23 00-0020)</small>		
<i>Note: Includes heavy-duty steel housing and aluminum reflector. Excludes lens.</i>		
26 51 23 00-0026 EA 250 Watt Metal Halide, High Bay Fixture .....	388.39	119.87
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Polycarbonate Lens, Add	47.75	
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Ballast Safety Chain, Add	12.13	
26 51 23 00-0027 EA 400 Watt Metal Halide, High Bay Fixture .....	426.30	136.80
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Polycarbonate Lens, Add	47.75	
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Ballast Safety Chain, Add	12.13	
26 51 23 00-0028 EA 1,000 Watt Metal Halide, High Bay Fixture .....	559.72	143.90
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Glass Or Acrylic Reflector, Add	90.00	
For Tempered Glass Or Acrylic Lens, Add	60.50	
For Polycarbonate Lens, Add	47.75	
For Security Chain, Add	19.34	
For Optical Safety Chain, Add	7.47	
For Ballast Safety Chain, Add	12.13	
<b>26 51 23 00-0029 Induction, High Bay Fixtures</b> <small>(26 51 23 00-0020)</small>		
<b>26 51 23 00-0030 Induction, High Bay Fixtures (Everlast®)</b> <small>(26 51 23 00-0029)</small>		
<i>Note: Includes die cast aluminum ballast casing and acrylic lens.</i>		
26 51 23 00-0031 EA 100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	478.98	104.83
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0032 EA 120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	513.67	108.33
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0033 EA 150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	523.02	111.82
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0034 EA 200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	569.86	115.32
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0035 EA 250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	584.28	118.81
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0036 EA 100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	514.45	104.83
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0037 EA 120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	549.14	108.33
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0038 EA 150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	558.49	111.82
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0039 EA 200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	605.33	115.32
For Impact Resistant Silicon Lens, Add	20.00	
26 51 23 00-0040 EA 250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC) .....	619.75	118.81
For Impact Resistant Silicon Lens, Add	20.00	
<b>26 51 23 00-0041 Ceiling Mounted, Large Interior Area Fixtures</b> <small>(26 51 23 00-0001)</small>		
<i>Note: Heavy-duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.</i>		
<b>26 51 23 00-0042 High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures</b> <small>(26 51 23 00-0041)</small>		
26 51 23 00-0043 EA 100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	356.16	80.33
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
26 51 23 00-0044 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	676.79	80.33
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
26 51 23 00-0045 EA 250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	778.59	80.33
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
26 51 23 00-0046 EA 400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture .....	1,043.65	80.33
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
<b>26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures</b> <small>(26 51 23 00-0041)</small>		
26 51 23 00-0048 EA 100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	307.35	80.33
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	

**26 Electrical****26 50 Lighting****26 51 Interior Lighting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0049 EA 175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	322.87	89.13
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
26 51 23 00-0050 EA 250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	343.20	96.54
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
26 51 23 00-0051 EA 400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture .....	384.55	114.98
For Wire Guard, Add	40.50	
For Instant Quartz Restrike, Add	60.00	
For Polycarbonate Lens, Add	47.75	
<b>26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings (26 51 23)</b>		
26 51 23 00-0053 EA 4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	162.74	33.38
For ICAT Housing, Add	14.56	
26 51 23 00-0054 EA 5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	170.28	33.38
For ICAT Housing, Add	15.54	
26 51 23 00-0055 EA 6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	178.88	34.77
For ICAT Housing, Add	16.35	
26 51 23 00-0056 EA 7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	185.31	36.27
For ICAT Housing, Add	16.88	
26 51 23 00-0057 EA 8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	191.67	37.79
For ICAT Housing, Add	17.40	
26 51 23 00-0058 EA 10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing .....	197.15	40.10
For ICAT Housing, Add	17.66	
<b>26 51 23 00-0059 Metal Halide Track Lighting Fixtures (26 51 23)</b>		
26 51 23 00-0060 EA Metal Halide Track Lighting Fixture .....	106.26	19.35
<b>26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)</b>		
26 51 23 00-0062 EA 75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	168.99	46.36
For Wall Mounted, Add	6.30	
26 51 23 00-0063 EA 100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	174.08	46.36
For Wall Mounted, Add	6.30	
26 51 23 00-0064 EA 150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	184.41	46.36
For Wall Mounted, Add	6.30	
26 51 23 00-0065 EA 175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	199.95	46.36
For Wall Mounted, Add	6.30	
<b>26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)</b>		
26 51 23 00-0067 EA 70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture .....	156.88	46.36
For Wall Mounted, Add	6.67	
26 51 23 00-0068 EA 100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	163.20	46.36
For Wall Mounted, Add	6.67	
26 51 23 00-0069 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	187.63	46.36
For Wall Mounted, Add	6.67	
<b>26 51 33 Interior Lighting Accessories (26 51)</b>		
<b>26 51 33 00-0001 Accessories And Modifiers For Fixtures (26 51 33)</b>		
<b>26 51 33 00-0002 Lens Modifications (26 51 33 00-0001)</b>		
26 51 33 00-0003 EA For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	38.47	
26 51 33 00-0004 EA For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	47.52	
26 51 33 00-0005 EA For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	49.78	
26 51 33 00-0006 EA For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	54.30	
26 51 33 00-0007 EA For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	65.62	
26 51 33 00-0008 EA For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	15.84	
26 51 33 00-0009 EA For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	22.63	
26 51 33 00-0010 EA For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	24.89	
26 51 33 00-0011 EA For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	29.42	
<b>26 51 33 00-0012 Pendant Mounting Modifications (26 51 33 00-0001)</b>		
Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 33 00-0013 EA For Pendant Mounting Up to 1'-6" Long Section .....	17.20	
Note: Per pendant.		
26 51 33 00-0014 EA For Pendant Mounting 2' Long Section .....	19.91	
Note: Per pendant.		
26 51 33 00-0015 EA For Pendant Mounting 3' Long Section .....	25.48	
Note: Per pendant.		



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Interior Lighting</b>	<b>26 51</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0016	EA		For Pendant Mounting 4' Long Section..... Note: Per pendant.	30.09	
26 51 33 00-0017	EA		For Pendant Mounting 6' Long Section..... Note: Per pendant.	38.01	
26 51 33 00-0018	EA		For Pendant Mounting 8' Long Section..... Note: Per pendant.	51.59	
<b>26 51 33 00-0019</b>			<b>Lighting Accessories</b> (26 51 33)		
<b>26 51 33 00-0020</b>			<b>Modular Flexible Wiring Systems</b> (26 51 33 00-0019)		
26 51 33 00-0021	EA		10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10) .....	103.28	6.25
26 51 33 00-0022	EA		15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15) .....	123.37	6.25
26 51 33 00-0023	EA		20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20) .....	149.68	6.25
26 51 33 00-0024	EA		15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15) .....	123.37	6.25
26 51 33 00-0025	EA		3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E) .....	100.05	6.25
26 51 33 00-0026	EA		13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13) .....	153.05	6.25
26 51 33 00-0027	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M) .....	81.97	6.25
26 51 33 00-0028	EA		3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E) .....	93.69	6.25
26 51 33 00-0029	EA		7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07).....	123.99	6.25
26 51 33 00-0030	EA		7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07).....	123.99	6.25
26 51 33 00-0031	EA		7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07).....	126.19	6.25
26 51 33 00-0032	EA		7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07) .....	125.38	6.25
26 51 33 00-0033	EA		7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07) .....	125.38	6.25
26 51 33 00-0034	EA		15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15).....	145.11	6.25
26 51 33 00-0035	EA		3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D).....	63.04	6.25
26 51 33 00-0036	EA		3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E).....	58.44	6.25
26 51 33 00-0037	EA		3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E).....	60.04	6.25
26 51 33 00-0038	EA		3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E) .....	77.11	6.25
26 51 33 00-0039	EA		15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15).....	103.28	6.25
26 51 33 00-0040	EA		15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15) .....	106.06	6.25
26 51 33 00-0041	EA		Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E) .....	81.35	6.25
26 51 33 00-0042	EA		3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E).....	58.44	6.25
26 51 33 00-0043	EA		Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning .....	52.15	
<b>26 51 33 00-0044</b>			<b>Additional Lighting Wire Whips</b> (26 51 33)		
26 51 33 00-0045	LF		For Each Additional LF Of Interior Lighting Wire Whip, Add..... Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.	1.89	
<b>26 51 33 00-0046</b>			<b>Removal And Reinstallation Of Light Fixtures</b> (26 51 33)		
			Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0047	EA		Removal And Reinstallation Of Lay-In Fluorescent Light Fixture.....	123.36	
26 51 33 00-0048	EA		Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture .....	140.98	
<b>26 52 Safety Lighting</b> (26 50)					
<b>26 52 13 Emergency and Exit Lighting</b> (26 52)					
<b>26 52 13 13 Emergency Lighting</b> (26 52 13)					
<b>26 52 13 13-0001 Commercial Emergency Lights</b> (26 52 13 13)					
<b>26 52 13 13-0002 Polycarbonate Housing, Commercial Emergency Lights</b> (26 52 13 13-0001)					
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0003	EA		3 Max Wattage At 90 Minutes, 3.6 Volt, Polycarbonate Housing, LED Lamps, Commercial Emergency Light (Lithonia ELM2 LED) .....	247.78	28.98
26 52 13 13-0004	EA		10.8 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM2) .....	168.00	28.98
			For Halogen Lamps, Add	27.55	
			For Self-Diagnostics, Add	87.50	
26 52 13 13-0005	EA		18 Max Wattage At 90 Minutes, 6 Volt, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM618) .....	272.40	28.98
			For Halogen Lamps, Add	27.55	
			For Self-Diagnostics, Add	87.50	
26 52 13 13-0006	EA		27 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM627) .....	319.67	28.98
			For Halogen Lamps, Add	27.55	
			For Self-Diagnostics, Add	87.50	
26 52 13 13-0007	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM654) .....	482.11	28.98
			For Halogen Lamps, Add	27.55	
			For Self-Diagnostics, Add	87.50	
26 52 13 13-0008	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1254) .....	548.05	28.98
			For Halogen Lamps, Add	27.55	
			For Self-Diagnostics, Add	87.50	



**26 Electrical**  
**26 50 Lighting**  
**26 52 Safety Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0009	EA		72 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Polycarbonate Housing, Krypton Lamps, Commercial Emergency Light (Lithonia ELM1272).....	804.94	28.98
			<i>For Halogen Lamps, Add</i>	27.55	
			<i>For Self-Diagnostics, Add</i>	87.50	
<b>26 52 13 13-0010</b>			<b>Remote Heads For Commercial Emergency Lights</b> (26 52 13 13-0001) Note: For use with fixtures that have remote capability.		
26 52 13 13-0011	EA		6 Watt, 6 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H0606).....	168.51	17.39
26 52 13 13-0012	EA		6 Watt, 6 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0606).....	169.70	17.39
26 52 13 13-0013	EA		8 Watt, 8 Volt, Gasketed Fiberglass Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA NX H0806).....	173.69	17.39
26 52 13 13-0014	EA		12 Watt, 12 Volt, Aluminum Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA MT H1212).....	173.04	17.39
26 52 13 13-0015	EA		12 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H1212).....	148.56	17.39
26 52 13 13-0016	EA		12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206).....	99.94	17.39
<b>26 52 13 13-0017</b>			<b>Industrial Emergency Lights</b> (26 52 13 13)		
<b>26 52 13 13-0018</b>			<b>Painted Steel Housing, Industrial Emergency Lights</b> (26 52 13 13-0017)		
<b>26 52 13 13-0019</b>			<b>Painted Steel Housing, Industrial Emergency Lights</b> (26 52 13 13-0018) Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0020	EA		16 Max Wattage At 90 Minutes, 6 Volt, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT16).....	446.23	28.98
			<i>For Wireguard, Add</i>	233.62	
26 52 13 13-0021	EA		24 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT24).....	372.46	28.98
			<i>For Wireguard, Add</i>	233.62	
26 52 13 13-0022	EA		36 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT36).....	588.06	28.98
			<i>For Wireguard, Add</i>	233.62	
26 52 13 13-0023	EA		50 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT50).....	625.27	28.98
			<i>For Wireguard, Add</i>	233.62	
26 52 13 13-0024	EA		125 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT125).....	898.15	28.98
			<i>For Wireguard, Add</i>	248.82	
26 52 13 13-0025	EA		275 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Painted Steel Housing, Incandescent Lamps, Industrial Emergency Light (Lithonia ELT275).....	1,420.17	28.98
			<i>For Wireguard, Add</i>	248.82	
<b>26 52 13 13-0026</b>			<b>Remote Heads For Painted Steel Housing, Industrial Emergency Lights</b> (26 52 13 13-0018) Note: For use with fixtures that have remote capability.		
26 52 13 13-0027	EA		8 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N0806).....	127.96	17.39
			<i>For Wireguard, Add</i>	188.53	
26 52 13 13-0028	EA		12 Watt, 6 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1206).....	132.60	17.39
			<i>For Wireguard, Add</i>	188.53	
26 52 13 13-0029	EA		8 Watt, 12 Volt, Thermoplastic Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA H0812).....	128.60	17.39
			<i>For Wireguard, Add</i>	188.53	
26 52 13 13-0030	EA		12 Watt, 12 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N1212).....	129.36	17.39
			<i>For Wireguard, Add</i>	188.53	
26 52 13 13-0031	EA		12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	132.60	17.39
			<i>For Wireguard, Add</i>	188.53	
26 52 13 13-0032	EA		12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	156.11	17.39
			<i>For Wireguard, Add</i>	188.53	
<b>26 52 13 13-0033</b>			<b>Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> (26 52 13 13-0017)		
<b>26 52 13 13-0034</b>			<b>Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> (26 52 13 13-0033) Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0035	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618).....	440.30	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0036	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	479.67	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0037	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	468.88	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	105.50	



	<b>Electrical</b>	<b>26</b>
	Lighting	26 50
	Safety Lighting	26 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0038	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	496.38	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0039	EA		100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	844.76	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0040	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	660.87	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0041	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	741.76	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0042	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	782.74	28.98
			<i>For Wireguard, Add</i>	227.14	
			<i>For Self-Diagnostics, Add</i>	61.50	
<b>26 52 13 13-0043</b>			<b>Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights</b> <small>(26 52 13 13-0033)</small>		
			Note: For use with fixtures that have remote capability.		
26 52 13 13-0044	EA		9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	110.16	17.39
26 52 13 13-0045	EA		12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	119.54	17.39
26 52 13 13-0046	EA		9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	110.27	17.39
26 52 13 13-0047	EA		12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	117.17	17.39
26 52 13 13-0048	EA		12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	99.44	17.39
<b>26 52 13 13-0049</b>			<b>Outdoor Emergency Lights</b> <small>(26 52 13 13)</small>		
<b>26 52 13 13-0050</b>			<b>Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights</b> <small>(26 52 13 13-0049)</small>		
			Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	700.23	28.98
26 52 13 13-0052	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	837.75	28.98
<b>26 52 13 13-0053</b>			<b>Recessed Emergency Lights</b> <small>(26 52 13 13)</small>		
26 52 13 13-0054	EA		10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	764.65	28.98
			<i>For Wire Guard, Add</i>	60.00	
26 52 13 13-0055	EA		16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	590.72	57.95
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	248.82	
26 52 13 13-0056	EA		50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	857.24	57.95
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	248.82	
<b>26 52 13 13-0057</b>			<b>Square Wraparound Emergency Lights</b> <small>(26 52 13 13)</small>		
26 52 13 13-0058	EA		10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ).....	344.29	28.98
<b>26 52 13 16</b>			<b>Exit Signs</b> <small>(26 52 13)</small>		
			Note: Excludes pendants.		
<b>26 52 13 16-0001</b>			<b>LED Exit Signs</b> <small>(26 52 13 16)</small>		
			Note: Includes red LED lamps.		
26 52 13 16-0002	EA		Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6).....	193.80	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-6.96	
			<i>For &gt;100 To 250, Deduct</i>	-11.81	
			<i>For &gt;250 To 500, Deduct</i>	-19.38	
			<i>For &gt;500, Deduct</i>	-26.95	
26 52 13 16-0003	EA		Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6).....	193.80	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-6.96	
			<i>For &gt;100 To 250, Deduct</i>	-11.81	
			<i>For &gt;250 To 500, Deduct</i>	-19.38	
			<i>For &gt;500, Deduct</i>	-26.95	

**26 Electrical**

**26 50 Lighting**

**26 52 Safety Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0004	EA		Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N-M6).....	275.38	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For Self-Diagnostics, Add</i>	50.00	
			<i>For &gt;50 To 100, Deduct</i>	-9.00	
			<i>For &gt;100 To 250, Deduct</i>	-15.89	
			<i>For &gt;250 To 500, Deduct</i>	-27.54	
			<i>For &gt;500, Deduct</i>	-39.19	
26 52 13 16-0005	EA		Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN).....	275.38	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For Self-Diagnostics, Add</i>	50.00	
			<i>For &gt;50 To 100, Deduct</i>	-9.00	
			<i>For &gt;100 To 250, Deduct</i>	-15.89	
			<i>For &gt;250 To 500, Deduct</i>	-27.54	
			<i>For &gt;500, Deduct</i>	-39.19	
26 52 13 16-0006	EA		Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R).....	304.54	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-9.73	
			<i>For &gt;100 To 250, Deduct</i>	-17.35	
			<i>For &gt;250 To 500, Deduct</i>	-30.45	
			<i>For &gt;500, Deduct</i>	-43.56	
26 52 13 16-0007	EA		Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R).....	347.06	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-10.79	
			<i>For &gt;100 To 250, Deduct</i>	-19.47	
			<i>For &gt;250 To 500, Deduct</i>	-34.71	
			<i>For &gt;500, Deduct</i>	-49.94	
26 52 13 16-0008	EA		Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N).....	286.76	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For Self-Diagnostics, Add</i>	50.00	
			<i>For &gt;50 To 100, Deduct</i>	-9.29	
			<i>For &gt;100 To 250, Deduct</i>	-16.46	
			<i>For &gt;250 To 500, Deduct</i>	-28.68	
			<i>For &gt;500, Deduct</i>	-40.90	
26 52 13 16-0009	EA		Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N).....	317.63	42.36
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For Self-Diagnostics, Add</i>	50.00	
			<i>For &gt;50 To 100, Deduct</i>	-10.06	
			<i>For &gt;100 To 250, Deduct</i>	-18.00	
			<i>For &gt;250 To 500, Deduct</i>	-31.76	
			<i>For &gt;500, Deduct</i>	-45.53	
26 52 13 16-0010	EA		Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4).....	363.94	42.36
			Note: Includes two circular side mounted krypton emergency lights.		
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-12.00	
			<i>For &gt;100 To 250, Deduct</i>	-21.09	
			<i>For &gt;250 To 500, Deduct</i>	-36.39	
			<i>For &gt;500, Deduct</i>	-51.69	
26 52 13 16-0011	EA		Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6).....	308.08	42.36
			Note: Includes two circular side mounted LED emergency lights.		
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-10.60	
			<i>For &gt;100 To 250, Deduct</i>	-18.30	
			<i>For &gt;250 To 500, Deduct</i>	-30.81	
			<i>For &gt;500, Deduct</i>	-43.31	
26 52 13 16-0012	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH).....	460.24	42.36
			Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-14.40	
			<i>For &gt;100 To 250, Deduct</i>	-25.91	
			<i>For &gt;250 To 500, Deduct</i>	-46.02	
			<i>For &gt;500, Deduct</i>	-66.14	
26 52 13 16-0013	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM).....	482.65	42.36
			Note: Includes two circular side mounted PAR 36 emergency lights.		
			<i>For Green LED Lamps, Add</i>	15.00	
			<i>For &gt;50 To 100, Deduct</i>	-14.96	
			<i>For &gt;100 To 250, Deduct</i>	-27.03	
			<i>For &gt;250 To 500, Deduct</i>	-48.27	
			<i>For &gt;500, Deduct</i>	-69.50	
26 52 13 16-0014	EA		Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R).....	125.08	42.36
			<i>For &gt;50 To 100, Deduct</i>	-5.25	
			<i>For &gt;100 To 250, Deduct</i>	-8.37	
			<i>For &gt;250 To 500, Deduct</i>	-12.51	
			<i>For &gt;500, Deduct</i>	-16.64	
26 52 13 16-0015	EA		120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R).....	125.60	42.36
			<i>For &gt;50 To 100, Deduct</i>	-5.26	
			<i>For &gt;100 To 250, Deduct</i>	-8.40	
			<i>For &gt;250 To 500, Deduct</i>	-12.56	
			<i>For &gt;500, Deduct</i>	-16.72	

26 52 13 16-0016 **Edge-Lit LED Exit Signs** (26 52 13 16)  
 Note: Includes red LED lamps.



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Safety Lighting</b>	<b>26 52</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0017 EA Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6).....	270.20	42.36
For Green LED Lamps, Add	40.00	
For >50 To 100, Deduct	-8.87	
For >100 To 250, Deduct	-15.63	
For >250 To 500, Deduct	-27.02	
For >500, Deduct	-38.41	
26 52 13 16-0018 EA Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6) .....	273.14	42.36
For Green LED Lamps, Add	40.00	
For >50 To 100, Deduct	-8.95	
For >100 To 250, Deduct	-15.78	
For >250 To 500, Deduct	-27.31	
For >500, Deduct	-38.85	
26 52 13 16-0019 EA Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6).....	293.06	42.36
For Green LED Lamps, Add	40.00	
For Self-Diagnostics, Add	50.00	
For >50 To 100, Deduct	-9.44	
For >100 To 250, Deduct	-16.77	
For >250 To 500, Deduct	-29.31	
For >500, Deduct	-41.84	
26 52 13 16-0020 EA Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6).....	352.60	42.36
For Green LED Lamps, Add	40.00	
For Self-Diagnostics, Add	50.00	
For >50 To 100, Deduct	-10.93	
For >100 To 250, Deduct	-19.75	
For >250 To 500, Deduct	-35.26	
For >500, Deduct	-50.77	
<b>26 52 13 16-0021 Self-Luminous Tritium Exit Signs</b> <small>(26 52 13 16)</small>		
Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0022 EA 10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R).....	589.50	42.36
For >50 To 100, Deduct	-16.86	
For >100 To 250, Deduct	-31.59	
For >250 To 500, Deduct	-58.95	
For >500, Deduct	-86.31	
26 52 13 16-0023 EA 10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R).....	1,093.72	42.36
For >50 To 100, Deduct	-29.46	
For >100 To 250, Deduct	-56.80	
For >250 To 500, Deduct	-109.37	
For >500, Deduct	-161.94	
26 52 13 16-0024 EA 20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R).....	704.36	42.36
For >50 To 100, Deduct	-19.73	
For >100 To 250, Deduct	-37.34	
For >250 To 500, Deduct	-70.44	
For >500, Deduct	-103.54	
26 52 13 16-0025 EA 20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R).....	1,185.94	42.36
For >50 To 100, Deduct	-31.77	
For >100 To 250, Deduct	-61.42	
For >250 To 500, Deduct	-118.59	
For >500, Deduct	-175.77	
26 52 13 16-0026 EA 10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R).....	646.66	42.36
For >50 To 100, Deduct	-18.28	
For >100 To 250, Deduct	-34.45	
For >250 To 500, Deduct	-64.67	
For >500, Deduct	-94.88	
26 52 13 16-0027 EA 10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R) .....	1,185.94	42.36
For >50 To 100, Deduct	-31.77	
For >100 To 250, Deduct	-61.42	
For >250 To 500, Deduct	-118.59	
For >500, Deduct	-175.77	
26 52 13 16-0028 EA 20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R).....	796.04	42.36
For >50 To 100, Deduct	-22.02	
For >100 To 250, Deduct	-41.92	
For >250 To 500, Deduct	-79.60	
For >500, Deduct	-117.29	
26 52 13 16-0029 EA 20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R) .....	1,474.99	42.36
For >50 To 100, Deduct	-38.99	
For >100 To 250, Deduct	-75.87	
For >250 To 500, Deduct	-147.50	
For >500, Deduct	-219.13	
<b>26 52 13 16-0030 Vandal-Resistant LED Exit Signs</b> <small>(26 52 13 16)</small>		
Note: Includes red LED lamps.		
26 52 13 16-0031 EA Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277) .....	555.52	42.36
For >50 To 100, Deduct	-16.01	
For >100 To 250, Deduct	-29.89	
For >250 To 500, Deduct	-55.55	
For >500, Deduct	-81.21	

**26 Electrical**

**26 50 Lighting**

**26 52 Safety Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0032	EA		Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N) .....	867.76	42.36
			<i>For &gt;50 To 100, Deduct</i>	-23.81	
			<i>For &gt;100 To 250, Deduct</i>	-45.51	
			<i>For &gt;250 To 500, Deduct</i>	-86.78	
			<i>For &gt;500, Deduct</i>	-128.05	
26 52 13 16-0033	EA		Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X) .....	1,059.21	42.36
			<i>For &gt;50 To 100, Deduct</i>	-28.60	
			<i>For &gt;100 To 250, Deduct</i>	-55.08	
			<i>For &gt;250 To 500, Deduct</i>	-105.92	
			<i>For &gt;500, Deduct</i>	-156.76	
<b>26 52 13 16-0034</b>			<b>Removal And Reinstallation Of Exit Light Fixture</b> <small>(26 52 13 16)</small>		
26 52 13 16-0035	EA		Removal And Reinstall Of Exit Light Fixtures .....	86.93	
			Note: Includes storage and cleaning.		
			<i>For &gt;50 To 100, Deduct</i>	-4.35	
			<i>For &gt;100 To 250, Deduct</i>	-6.52	
			<i>For &gt;250 To 500, Deduct</i>	-8.69	
			<i>For &gt;500, Deduct</i>	-10.87	
<b>26 52 13 16-0036</b>			<b>Exit Sign Accessories</b> <small>(26 52 13 16)</small>		
26 52 13 16-0037	EA		Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1).....	131.05	11.61
			<i>For &gt;50 To 100, Deduct</i>	-3.86	
			<i>For &gt;100 To 250, Deduct</i>	-7.13	
			<i>For &gt;250 To 500, Deduct</i>	-13.11	
			<i>For &gt;500, Deduct</i>	-19.08	
26 52 13 16-0038	EA		Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1) .....	75.24	11.61
			<i>For &gt;50 To 100, Deduct</i>	-2.46	
			<i>For &gt;100 To 250, Deduct</i>	-4.34	
			<i>For &gt;250 To 500, Deduct</i>	-7.52	
			<i>For &gt;500, Deduct</i>	-10.71	
26 52 13 16-0039	EA		Removal And Replacement Of Battery For Exit Signs .....	130.29	
			Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity		
			<i>For &gt;50 To 100, Deduct</i>	-3.98	
			<i>For &gt;100 To 250, Deduct</i>	-7.24	
			<i>For &gt;250 To 500, Deduct</i>	-13.03	
			<i>For &gt;500, Deduct</i>	-18.82	
<b>26 54</b>			<b>Classified Location Lighting</b> <small>(26 50)</small>		
<b>26 54 19</b>			<b>LED Classified Location Lighting</b> <small>(26 54)</small>		
26 54 19 00-0001			Class I Division 2, Hazardous Location, LED Fixtures <small>(26 54 19)</small>		
26 54 19 00-0002			Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) <small>(26 54 19 00-0001)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0003	EA		5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L).....	2,573.51	95.30
			<i>For Bolt-On Visor, Add</i>	98.76	
			<i>For Bolt-On Wire Guard, Add</i>	203.13	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For &gt;50 To 100, Deduct</i>	-68.31	
			<i>For &gt;100 To 250, Deduct</i>	-132.65	
			<i>For &gt;250 To 500, Deduct</i>	-257.35	
			<i>For &gt;500, Deduct</i>	-382.06	
26 54 19 00-0004	EA		7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L).....	3,152.98	101.65
			<i>For Bolt-On Visor, Add</i>	98.76	
			<i>For Bolt-On Wire Guard, Add</i>	203.13	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For &gt;50 To 100, Deduct</i>	-83.06	
			<i>For &gt;100 To 250, Deduct</i>	-161.88	
			<i>For &gt;250 To 500, Deduct</i>	-315.30	
			<i>For &gt;500, Deduct</i>	-468.71	
26 54 19 00-0005	EA		9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L).....	3,561.83	108.01
			<i>For Bolt-On Visor, Add</i>	98.76	
			<i>For Bolt-On Wire Guard, Add</i>	203.13	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For &gt;50 To 100, Deduct</i>	-93.55	
			<i>For &gt;100 To 250, Deduct</i>	-182.59	
			<i>For &gt;250 To 500, Deduct</i>	-356.18	
			<i>For &gt;500, Deduct</i>	-529.77	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Classified Location Lighting</b>	<b>26 54</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0006	EA		11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L).....	3,982.03	114.36
			<i>For Bolt-On Visor, Add</i>	98.76	
			<i>For Bolt-On Wire Guard, Add</i>	203.13	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For &gt;50 To 100, Deduct</i>	-104.32	
			<i>For &gt;100 To 250, Deduct</i>	-203.87	
			<i>For &gt;250 To 500, Deduct</i>	-398.20	
			<i>For &gt;500, Deduct</i>	-592.54	
26 54 19 00-0007			<b>Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC)</b> <small>(26 54 19 00-0001)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0008	EA		1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC).....	1,519.08	88.95
			<i>For 12/24 Volt DC Driver, Add</i>	28.07	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Temperature LEDs, Add</i>	73.84	
			<i>For 55 Degree Ambient Suitability (AC Only) Option, Add</i>	38.21	
			<i>For Stanchion Mount, Add</i>	236.62	
			<i>For Ceiling Mount, Add</i>	94.88	
			<i>For Wall Mount, Add</i>	138.51	
			<i>For Teflon Coated Lens, Add</i>	121.74	
			<i>For Wall Mount With Junction Box, Add</i>	202.23	
			<i>For &gt;50 To 100, Deduct</i>	-41.68	
			<i>For &gt;100 To 250, Deduct</i>	-79.66	
			<i>For &gt;250 To 500, Deduct</i>	-151.91	
			<i>For &gt;500, Deduct</i>	-224.16	
26 54 19 00-0009			<b>Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV)</b> <small>(26 54 19 00-0001)</small>		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010	EA		3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L).....	2,418.89	88.95
			<i>For Ceiling Mount, Add</i>	18.16	
			<i>For Quick Clip Mounting Option, Add</i>	26.67	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For Polycarbonate Lens, Add</i>	106.32	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For &gt;50 To 100, Deduct</i>	-64.18	
			<i>For &gt;100 To 250, Deduct</i>	-124.65	
			<i>For &gt;250 To 500, Deduct</i>	-241.89	
			<i>For &gt;500, Deduct</i>	-359.13	
26 54 19 00-0011	EA		3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L).....	2,679.38	95.30
			<i>For Ceiling Mount, Add</i>	18.16	
			<i>For Quick Clip Mounting Option, Add</i>	26.67	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For Polycarbonate Lens, Add</i>	106.32	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For &gt;50 To 100, Deduct</i>	-70.96	
			<i>For &gt;100 To 250, Deduct</i>	-137.94	
			<i>For &gt;250 To 500, Deduct</i>	-267.94	
			<i>For &gt;500, Deduct</i>	-397.94	
26 54 19 00-0012	EA		6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L).....	3,002.58	101.65
			<i>For Ceiling Mount, Add</i>	18.16	
			<i>For Quick Clip Mounting Option, Add</i>	26.67	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For Polycarbonate Lens, Add</i>	106.32	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For &gt;50 To 100, Deduct</i>	-79.30	
			<i>For &gt;100 To 250, Deduct</i>	-154.36	
			<i>For &gt;250 To 500, Deduct</i>	-300.26	
			<i>For &gt;500, Deduct</i>	-446.15	
26 54 19 00-0013	EA		6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L).....	3,913.97	108.01
			<i>For Ceiling Mount, Add</i>	18.16	
			<i>For Quick Clip Mounting Option, Add</i>	26.67	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For Polycarbonate Lens, Add</i>	106.32	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For &gt;50 To 100, Deduct</i>	-102.35	
			<i>For &gt;100 To 250, Deduct</i>	-200.20	
			<i>For &gt;250 To 500, Deduct</i>	-391.40	
			<i>For &gt;500, Deduct</i>	-582.60	

**26 Electrical**  
**26 50 Lighting**  
**26 54 Classified Location Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0014	EA		9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L) .....	4,491.35	114.36
			<i>For Ceiling Mount, Add</i>	18.16	
			<i>For Quick Clip Mounting Option, Add</i>	26.67	
			<i>For Frosted Lens, Add</i>	57.36	
			<i>For Warm White Color Rendering, Add</i>	73.84	
			<i>For Polycarbonate Lens, Add</i>	106.32	
			<i>For 480 Volt, Add</i>	173.91	
			<i>For &gt;50 To 100, Deduct</i>	-117.05	
			<i>For &gt;100 To 250, Deduct</i>	-229.33	
			<i>For &gt;250 To 500, Deduct</i>	-449.14	
			<i>For &gt;500, Deduct</i>	-668.94	
26 54 19 00-0015			<b>Class I Division 1, Explosion Proof, LED Fixtures</b> <small>(26 54 19)</small>		
26 54 19 00-0016			<b>Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL)</b> <small>(26 54 19 00-0015)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA		5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L).....	4,453.02	95.30
			<i>For Wall Mount, Deduct</i>	-17.16	
			<i>For Warm Color Temperature LEDs, Add</i>	92.41	
			<i>For Stainless Steel Guard, Add</i>	165.88	
			<i>For Ceiling Mount, Add</i>	200.11	
			<i>For Stanchion Mount, Add</i>	232.89	
			<i>For Yoke Mount, Add</i>	582.23	
			<i>For &gt;50 To 100, Deduct</i>	-115.30	
			<i>For &gt;100 To 250, Deduct</i>	-226.62	
			<i>For &gt;250 To 500, Deduct</i>	-445.30	
			<i>For &gt;500, Deduct</i>	-663.98	
26 54 19 00-0018	EA		6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L).....	5,420.20	101.65
			<i>For Wall Mount, Deduct</i>	-17.16	
			<i>For Warm Color Temperature LEDs, Add</i>	92.41	
			<i>For Stainless Steel Guard, Add</i>	165.88	
			<i>For Ceiling Mount, Add</i>	200.11	
			<i>For Stanchion Mount, Add</i>	232.89	
			<i>For Yoke Mount, Add</i>	582.23	
			<i>For &gt;50 To 100, Deduct</i>	-139.74	
			<i>For &gt;100 To 250, Deduct</i>	-275.25	
			<i>For &gt;250 To 500, Deduct</i>	-542.02	
			<i>For &gt;500, Deduct</i>	-808.79	
26 54 19 00-0019	EA		9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L).....	6,300.53	108.01
			<i>For Wall Mount, Deduct</i>	-17.16	
			<i>For Warm Color Temperature LEDs, Add</i>	92.41	
			<i>For Stainless Steel Guard, Add</i>	165.88	
			<i>For Ceiling Mount, Add</i>	200.11	
			<i>For Stanchion Mount, Add</i>	232.89	
			<i>For Yoke Mount, Add</i>	582.23	
			<i>For &gt;50 To 100, Deduct</i>	-162.01	
			<i>For &gt;100 To 250, Deduct</i>	-319.53	
			<i>For &gt;250 To 500, Deduct</i>	-630.05	
			<i>For &gt;500, Deduct</i>	-940.58	
26 54 19 00-0020	EA		10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L).....	7,197.09	114.36
			<i>For Wall Mount, Deduct</i>	-17.16	
			<i>For Warm Color Temperature LEDs, Add</i>	92.41	
			<i>For Stainless Steel Guard, Add</i>	165.88	
			<i>For Ceiling Mount, Add</i>	200.11	
			<i>For Stanchion Mount, Add</i>	232.89	
			<i>For Yoke Mount, Add</i>	582.23	
			<i>For &gt;50 To 100, Deduct</i>	-184.69	
			<i>For &gt;100 To 250, Deduct</i>	-364.62	
			<i>For &gt;250 To 500, Deduct</i>	-719.71	
			<i>For &gt;500, Deduct</i>	-1,074.80	
26 54 19 00-0021	EA		13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	8,344.04	110.12
			<i>For Wall Mount, Deduct</i>	-17.16	
			<i>For Warm Color Temperature LEDs, Add</i>	92.41	
			<i>For Stainless Steel Guard, Add</i>	165.88	
			<i>For Ceiling Mount, Add</i>	200.11	
			<i>For Stanchion Mount, Add</i>	232.89	
			<i>For Yoke Mount, Add</i>	582.23	
			<i>For &gt;50 To 100, Deduct</i>	-213.63	
			<i>For &gt;100 To 250, Deduct</i>	-422.23	
			<i>For &gt;250 To 500, Deduct</i>	-834.40	
			<i>For &gt;500, Deduct</i>	-1,246.58	

**26 55 Special Purpose Lighting** (26 50)  
**26 55 13 Landscape Lighting** (26 55)



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Special Purpose Lighting	26 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0001	<b>Bollards</b> <small>(26 55 13)</small> Note: Excludes concrete base.	
26 55 13 00-0002	<b>Aluminum Architectural Bollards</b> <small>(26 55 13 00-0001)</small>	
26 55 13 00-0003	<b>High Pressure Sodium, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0002)</small>	
26 55 13 00-0004	<b>Square, High Pressure Sodium, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0003)</small>	
26 55 13 00-0005	EA 24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,605.18 98.52
26 55 13 00-0006	EA 30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,616.76 104.31
26 55 13 00-0007	EA 36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,628.36 110.10
26 55 13 00-0008	EA 42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,503.97 115.91
26 55 13 00-0009	EA 24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,605.18 98.52
26 55 13 00-0010	EA 30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,616.76 104.31
26 55 13 00-0011	EA 36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,628.36 110.10
26 55 13 00-0012	EA 42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,503.97 115.91
26 55 13 00-0013	EA 24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,605.18 98.52
26 55 13 00-0014	EA 30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,616.76 104.31
26 55 13 00-0015	EA 36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,628.36 110.10
26 55 13 00-0016	EA 42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,503.97 115.91
26 55 13 00-0017	EA 24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,605.18 98.52
26 55 13 00-0018	EA 30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,616.76 104.31
26 55 13 00-0019	EA 36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,628.36 110.10
26 55 13 00-0020	EA 42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,503.97 115.91
26 55 13 00-0021	<b>Round, High Pressure Sodium, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0003)</small>	
26 55 13 00-0022	EA 24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,542.74 98.52
26 55 13 00-0023	EA 30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.32 104.31
26 55 13 00-0024	EA 36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,565.92 110.10
26 55 13 00-0025	EA 42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,440.96 115.91
26 55 13 00-0026	EA 24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,542.74 98.52
26 55 13 00-0027	EA 30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.32 104.31
26 55 13 00-0028	EA 36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,565.92 110.10
26 55 13 00-0029	EA 42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,440.96 115.91
26 55 13 00-0030	EA 24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,542.74 98.52
26 55 13 00-0031	EA 30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.32 104.31
26 55 13 00-0032	EA 36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,565.92 110.10
26 55 13 00-0033	EA 42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,440.96 115.91
26 55 13 00-0034	EA 24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,542.74 98.52
26 55 13 00-0035	EA 30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.32 104.31
26 55 13 00-0036	EA 36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,565.92 110.10
26 55 13 00-0037	EA 42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,440.96 115.91
26 55 13 00-0038	<b>Metal Halide, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0002)</small>	
26 55 13 00-0039	<b>Square, Metal Halide, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0038)</small>	
26 55 13 00-0040	EA 24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,686.26 98.52
26 55 13 00-0041	EA 30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,697.84 104.31
26 55 13 00-0042	EA 36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,709.44 110.10
26 55 13 00-0043	EA 42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,584.48 115.91
26 55 13 00-0044	EA 24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,686.26 98.52
26 55 13 00-0045	EA 30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,697.84 104.31
26 55 13 00-0046	EA 36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,709.44 110.10
26 55 13 00-0047	EA 42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,584.48 115.91
26 55 13 00-0048	EA 24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,686.26 98.52
26 55 13 00-0049	EA 30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,697.84 104.31
26 55 13 00-0050	EA 36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,709.44 110.10
26 55 13 00-0051	EA 42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,652.33 115.91
26 55 13 00-0052	<b>Round, Metal Halide, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0038)</small>	
26 55 13 00-0053	EA 24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,623.25 98.52
26 55 13 00-0054	EA 30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,634.83 104.31
26 55 13 00-0055	EA 36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,646.43 110.10
26 55 13 00-0056	EA 42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,521.47 115.91
26 55 13 00-0057	EA 24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,623.25 98.52
26 55 13 00-0058	EA 30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,634.83 104.31
26 55 13 00-0059	EA 36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,646.43 110.10
26 55 13 00-0060	EA 42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,521.47 115.91
26 55 13 00-0061	EA 24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,623.25 98.52
26 55 13 00-0062	EA 30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,634.83 104.31
26 55 13 00-0063	EA 36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,646.43 110.10
26 55 13 00-0064	EA 42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,521.47 115.91
26 55 13 00-0065	<b>Compact Fluorescent, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0002)</small>	
26 55 13 00-0066	<b>Square, Compact Fluorescent, Aluminum Architectural Bollards</b> <small>(26 55 13 00-0065)</small>	
26 55 13 00-0067	EA 24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,598.07 98.52



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0068 EA 30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,609.65	104.31
26 55 13 00-0069 EA 36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,621.25	110.10
26 55 13 00-0070 EA 42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,498.14	115.91
26 55 13 00-0071 EA 24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,598.07	98.52
26 55 13 00-0072 EA 30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,609.65	104.31
26 55 13 00-0073 EA 36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,621.25	110.10
26 55 13 00-0074 EA 42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,498.14	115.91
26 55 13 00-0075 EA 24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,598.07	98.52
26 55 13 00-0076 EA 30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,609.65	104.31
26 55 13 00-0077 EA 36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,621.25	110.10
26 55 13 00-0078 EA 42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,498.14	115.91
<b>26 55 13 00-0079 Round, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)</b>		
26 55 13 00-0080 EA 24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.43	98.52
26 55 13 00-0081 EA 30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,548.01	104.31
26 55 13 00-0082 EA 36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,559.61	110.10
26 55 13 00-0083 EA 24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,437.69	115.91
26 55 13 00-0084 EA 24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.43	98.52
26 55 13 00-0085 EA 30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,548.01	104.31
26 55 13 00-0086 EA 36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,559.61	110.10
26 55 13 00-0087 EA 42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,437.69	115.91
26 55 13 00-0088 EA 24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.43	98.52
26 55 13 00-0089 EA 30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,548.01	104.31
26 55 13 00-0090 EA 36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,559.61	110.10
26 55 13 00-0091 EA 42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,437.69	115.91
<b>26 55 13 00-0092 LED, Aluminum Architectural Bollards (26 55 13 00-0092)</b>		
<b>26 55 13 00-0093 Square, LED, Aluminum Architectural Bollards (26 55 13 00-0092)</b>		
26 55 13 00-0094 EA 24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,918.10	98.52
26 55 13 00-0095 EA 30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,929.68	104.31
26 55 13 00-0096 EA 36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,941.28	110.10
26 55 13 00-0097 EA 42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard.....	1,819.88	115.91
26 55 13 00-0098 EA 24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	2,347.18	98.52
26 55 13 00-0099 EA 30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	2,358.76	104.31
26 55 13 00-0100 EA 36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	2,370.36	110.10
26 55 13 00-0101 EA 42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard.....	2,246.83	115.91
<b>26 55 13 00-0102 Round, LED, Aluminum Architectural Bollards (26 55 13 00-0092)</b>		
26 55 13 00-0103 EA 24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,854.10	98.52
26 55 13 00-0104 EA 30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,865.68	104.31
26 55 13 00-0105 EA 36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,877.28	110.10
26 55 13 00-0106 EA 42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard.....	1,753.74	115.91
26 55 13 00-0107 EA 24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	2,283.18	98.52
26 55 13 00-0108 EA 30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	2,294.76	104.31
26 55 13 00-0109 EA 36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	2,306.36	110.10
26 55 13 00-0110 EA 42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard.....	2,183.58	115.91
<b>26 55 13 00-0111 Reinforced Concrete Bollards (26 55 13 00-0001)</b>		
26 55 13 00-0112 EA 48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard.....	1,545.59	289.76
26 55 13 00-0113 EA 58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard.....	2,743.57	386.30
<b>26 55 13 00-0114 Low Voltage (26 55 13)</b>		
26 55 13 00-0115 EA Low Voltage Recessed Uplight.....	757.52	210.95
26 55 13 00-0116 EA Low Voltage Walkway.....	534.42	115.91
26 55 13 00-0117 EA Low Voltage Malibu - 5 Light Set.....	529.56	154.73
26 55 13 00-0118 EA Low Voltage Mushroom 24" Pier.....	457.39	115.91
<b>26 55 13 00-0119 Recessed, Adjustable (26 55 13)</b>		
26 55 13 00-0120 EA 150 Watt Incandescent Recessed, Adjustable.....	882.56	185.45
26 55 13 00-0121 EA 300 Watt Incandescent Recessed, Adjustable.....	965.09	185.45
<b>26 55 13 00-0122 Recessed, Uplight (26 55 13)</b>		
26 55 13 00-0123 EA 50 Watt Incandescent Recessed Uplight.....	789.02	185.45
26 55 13 00-0124 EA 150 Watt Incandescent Recessed Uplight.....	805.53	185.45
26 55 13 00-0125 EA 300 Watt Incandescent Recessed Uplight.....	855.05	185.45
26 55 13 00-0126 EA 500 Watt Quartz Recessed Uplight.....	849.55	185.45
26 55 13 00-0127 EA 5 Watt, LED Recessed Uplight.....	1,154.14	185.45
26 55 13 00-0128 EA 15 Watt, LED Recessed Uplight.....	1,273.68	185.45
<b>26 55 13 00-0129 Recessed Wall Light (26 55 13)</b>		
26 55 13 00-0130 EA 100 Watt Incandescent Recessed Wall Light.....	407.87	115.91



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Special Purpose Lighting</b>	<b>26 55</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0131	EA		100 Watt Fluorescent Recessed Wall Light .....	391.37	115.91
26 55 13 00-0132	EA		100 Watt High Intensity Discharge (HID) Recessed Wall Light .....	634.10	154.73
<b>26 55 13 00-0133</b>			<b>Step Lights</b> <small>(26 55 13)</small>		
26 55 13 00-0134	EA		Incandescent Step Light .....	333.94	92.72
26 55 13 00-0135	EA		Fluorescent Step Light .....	389.02	92.72
26 55 13 00-0136	EA		5 Watt, LED Step Light .....	635.72	92.72
26 55 13 00-0137	EA		15 Watt, LED Step Light .....	763.23	92.72
<b>26 55 13 00-0138</b>			<b>Tree Lights, Surface Adjustable</b> <small>(26 55 13)</small>		
26 55 13 00-0139	EA		50 Watt Incandescent Tree Lights .....	705.63	154.73
26 55 13 00-0140	EA		100 Watt Incandescent Tree Lights .....	722.13	154.73
26 55 13 00-0141	EA		150 Watt Incandescent Tree Lights .....	903.77	231.81
<b>26 55 16</b>			<b>Walkway Lighting</b> <small>(26 55)</small>		
<b>26 55 16 00-0001</b>			<b>Incandescent Walkway</b> <small>(26 55 16)</small>		
26 55 16 00-0002	EA		Post Top 300 Watt Incandescent Walkway Fixture .....	392.51	107.79
<b>26 55 16 00-0003</b>			<b>Metal Halide Walkway</b> <small>(26 55 16)</small>		
26 55 16 00-0004	EA		Post Top 100 Watt Metal Halide Walkway Fixture .....	603.85	169.45
26 55 16 00-0005	EA		Post Top 150-175 Watt Metal Halide Walkway Fixture .....	639.22	175.60
26 55 16 00-0006	EA		Post Top 250 Watt Metal Halide Walkway Fixture .....	688.85	182.31
26 55 16 00-0007	EA		Post Top 400 Watt Metal Halide Walkway Fixture .....	737.82	197.04
26 55 16 00-0008	EA		Round Luminaries 100 Watt Metal Halide Walkway Fixture .....	657.96	182.31
26 55 16 00-0009	EA		Round Luminaries 150-175 Watt Metal Halide Walkway Fixture .....	663.28	169.45
26 55 16 00-0010	EA		Round Luminaries 250 Watt Metal Halide Walkway Fixture .....	676.31	175.60
26 55 16 00-0011	EA		Spherical 100 Watt Metal Halide Walkway Fixture .....	534.96	120.77
26 55 16 00-0012	EA		Spherical 150-175 Watt Metal Halide Walkway Fixture .....	565.85	120.77
26 55 16 00-0013	EA		Spherical 250 Watt Metal Halide Walkway Fixture .....	596.75	120.77
26 55 16 00-0014	EA		Spherical 400 Watt Metal Halide Walkway Fixture .....	673.70	135.95
26 55 16 00-0015	EA		Low Walkway 100 Watt Metal Halide Walkway Fixture .....	510.54	108.48
<b>26 55 16 00-0016</b>			<b>High Pressure Sodium Walkway</b> <small>(26 55 16)</small>		
26 55 16 00-0017	EA		Post Top 100 Watt High Pressure Sodium Walkway Fixture .....	545.89	169.45
26 55 16 00-0018	EA		Post Top 150-175 Watt High Pressure Sodium Walkway Fixture .....	576.22	175.60
26 55 16 00-0019	EA		Post Top 250 Watt High Pressure Sodium Walkway Fixture .....	617.89	182.31
26 55 16 00-0020	EA		Post Top 400 Watt High Pressure Sodium Walkway Fixture .....	662.66	197.04
26 55 16 00-0021	EA		Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture .....	593.76	182.31
26 55 16 00-0022	EA		Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture .....	592.32	169.45
26 55 16 00-0023	EA		Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture .....	605.20	175.60
26 55 16 00-0024	EA		Spherical 100 Watt High Pressure Sodium Walkway Fixture .....	470.76	120.77
26 55 16 00-0025	EA		Spherical 175 150-Watt High Pressure Sodium Walkway Fixture .....	494.90	120.77
26 55 16 00-0026	EA		Spherical 250 Watt High Pressure Sodium Walkway Fixture .....	519.03	120.77
26 55 16 00-0027	EA		Spherical 400 Watt High Pressure Sodium Walkway Fixture .....	585.84	135.95
26 55 16 00-0028	EA		Low Walkway 100 Watt High Pressure Sodium Walkway Fixture .....	474.91	108.48
<b>26 55 16 00-0029</b>			<b>Walkway, Adjustable</b> <small>(26 55 16)</small>		
26 55 16 00-0030	EA		2' Fluorescent Adjustable Walkway Fixture .....	568.60	154.73
26 55 16 00-0031	EA		4' Fluorescent Adjustable Walkway Fixture .....	583.84	154.73
26 55 16 00-0032	EA		8' Fluorescent Adjustable Walkway Fixture .....	1,002.17	231.81
26 55 16 00-0033	EA		50 Watt Incandescent Adjustable Walkway Fixture .....	475.69	115.91
26 55 16 00-0034	EA		150 Watt Incandescent Adjustable Walkway Fixture .....	496.01	115.91
<b>26 55 16 00-0035</b>			<b>LED Walkway</b> <small>(26 55 16)</small>		
<b>26 55 16 00-0036</b>			<b>LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG)</b> <small>(26 55 16 00-0035)</small>		
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 55 16 00-0037	EA		13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) .....	991.28	88.95
For Multi-Level Drive Currents, Add				267.03	
26 55 16 00-0038	EA		18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) .....	1,023.70	88.95
For Multi-Level Drive Currents, Add				267.03	
26 55 16 00-0039	EA		36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) .....	1,080.92	88.95
For Multi-Level Drive Currents, Add				267.03	
26 55 16 00-0040	EA		42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) .....	1,124.79	88.95
For Multi-Level Drive Currents, Add				267.03	
26 55 16 00-0041	EA		96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG) .....	1,291.13	114.36
For Multi-Level Drive Currents, Add				267.03	
<b>26 55 16 00-0042</b>			<b>Wall Mounted Walkway Lighting</b> <small>(26 55 16 00-0035)</small>		
26 55 16 00-0043	EA		Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492) .....	4,541.20	
Note: Type Fixture 17 as Post					



<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 55 Special Purpose Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>26 55 16 00-0044</b>	<b>Pole Mounted Walkway Lighting</b> <small>(26 55 16 00-0035)</small>	
26 55 16 00-0045 EA	43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27).....	4,180.24
26 55 16 00-0046 EA	12' Tapered and Fluted Post (Herwig BRA Series, BRAJ-12) .....	4,103.47
	<small>Note: Washers and nuts included</small>	

<b>26 55 29</b>	<b>Underwater Lighting</b> <small>(26 55)</small>	
<b>26 55 29 00-0001</b>	<b>Underwater Lights</b> <small>(26 55 29)</small>	
26 55 29 00-0002 EA	150 Watt, 120 Volt Underwater Lights .....	577.82
26 55 29 00-0003 EA	300 Watt, 120 Volt Underwater Lights .....	643.84
26 55 29 00-0004 EA	1,000 Watt, 120 Volt Underwater Lights .....	1,579.80
26 55 29 00-0005 EA	50 Watt, 12 Volt Underwater Lights .....	605.33
26 55 29 00-0006 EA	300 Watt, 12 Volt Underwater Lights .....	682.35
26 55 29 00-0007 SET	Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent.....	1,750.37

<b>26 55 53</b>	<b>Security Lighting</b> <small>(26 55)</small>	
<b>26 55 53 11</b>	<b>Security Flood Lighting</b> <small>(26 55 53)</small>	
<b>26 55 53 11-0001</b>	<b>Flood Lights (General Electric Powerflood®)</b> <small>(26 55 53 11)</small>	
<b>26 55 53 11-0002</b>	<b>MPF (Small Size) Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>	
	<small>Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.</small>	
<b>26 55 53 11-0003</b>	<b>High Pressure Sodium MPF Series GE Flood Lights</b> <small>(26 55 53 11-0002)</small>	
26 55 53 11-0004 EA	70 Watt High Pressure Sodium MPF Series GE Flood Light .....	369.87
26 55 53 11-0005 EA	100 Watt High Pressure Sodium MPF Series GE Flood Light .....	373.41
26 55 53 11-0006 EA	150 Watt High Pressure Sodium MPF Series GE Flood Light .....	379.31

<b>26 55 53 11-0007</b>	<b>Metal Halide MPF Series GE Flood Lights</b> <small>(26 55 53 11-0002)</small>	
26 55 53 11-0008 EA	70 Watt Metal Halide MPF Series GE Flood Light .....	510.24

<b>26 55 53 11-0009</b>	<b>P-154 (Small Size) Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>	
	<small>Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.</small>	
<b>26 55 53 11-0010</b>	<b>High Pressure Sodium P-154 Series GE Flood Lights</b> <small>(26 55 53 11-0009)</small>	
26 55 53 11-0011 EA	70 Watt High Pressure Sodium P-154 Series GE Flood Light .....	765.64
26 55 53 11-0012 EA	100 Watt High Pressure Sodium P-154 Series GE Flood Light .....	770.35
26 55 53 11-0013 EA	150 Watt High Pressure Sodium P-154 Series GE Flood Light .....	778.61
26 55 53 11-0014 EA	250 Watt High Pressure Sodium P-154 Series GE Flood Light .....	871.80
26 55 53 11-0015 EA	400 Watt High Pressure Sodium P-154 Series GE Flood Light .....	898.93

<b>26 55 53 11-0016</b>	<b>Metal Halide P-154 Series GE Flood Lights</b> <small>(26 55 53 11-0009)</small>	
26 55 53 11-0017 EA	175 Watt Metal Halide P-154 Series GE Flood Light .....	757.38
26 55 53 11-0018 EA	250 Watt Metal Halide P-154 Series GE Flood Light .....	798.66
26 55 53 11-0019 EA	400 Watt Metal Halide P-154 Series GE Flood Light .....	819.90

<b>26 55 53 11-0020</b>	<b>PF-154 (Medium Size) Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>	
	<small>Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.</small>	
<b>26 55 53 11-0021</b>	<b>High Pressure Sodium PF-154 Series GE Flood Lights</b> <small>(26 55 53 11-0020)</small>	
26 55 53 11-0022 EA	70 Watt High Pressure Sodium PF-154 Series GE Flood Light .....	777.74
26 55 53 11-0023 EA	100 Watt High Pressure Sodium PF-154 Series GE Flood Light .....	783.64
26 55 53 11-0024 EA	150 Watt High Pressure Sodium PF-154 Series GE Flood Light .....	793.08
26 55 53 11-0025 EA	250 Watt High Pressure Sodium PF-154 Series GE Flood Light .....	885.08
26 55 53 11-0026 EA	400 Watt High Pressure Sodium PF-154 Series GE Flood Light .....	911.03

<b>26 55 53 11-0027</b>	<b>Metal Halide PF-154 GE Flood Lights</b> <small>(26 55 53 11-0020)</small>	
26 55 53 11-0028 EA	175 Watt Metal Halide PF-154 Series GE Flood Light .....	770.67
26 55 53 11-0029 EA	250 Watt Metal Halide PF-154 Series GE Flood Light .....	810.77
26 55 53 11-0030 EA	400 Watt Metal Halide PF-154 Series GE Flood Light .....	832.00

<b>26 55 53 11-0031</b>	<b>PF-400 (Medium Size) Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>	
	<small>Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.</small>	



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Special Purpose Lighting</b>	<b>26 55</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>26 55 53 11-0032 High Pressure Sodium PF-400 Series GE Flood Lights</b> <small>(26 55 53 11-0031)</small>		
26 55 53 11-0033 EA 150 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,056.12	144.70
26 55 53 11-0034 EA 200 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,138.69	144.70
26 55 53 11-0035 EA 250 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,132.79	144.70
26 55 53 11-0036 EA 400 Watt High Pressure Sodium PF-400 Series GE Flood Light.....	1,162.28	144.70
<b>26 55 53 11-0037 Metal Halide PF-400 GE Flood Lights</b> <small>(26 55 53 11-0031)</small>		
26 55 53 11-0038 EA 175 Watt Metal Halide PF-400 Series GE Flood Light.....	1,086.79	144.70
26 55 53 11-0039 EA 250 Watt Metal Halide PF-400 Series GE Flood Light.....	1,111.56	144.70
26 55 53 11-0040 EA 400 Watt Metal Halide PF-400 Series GE Flood Light.....	1,137.51	144.70
<b>26 55 53 11-0041 PF-1000 (Large Size) Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>		
Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
<b>26 55 53 11-0042 High Pressure Sodium PF-154 Series GE Flood Lights</b> <small>(26 55 53 11-0041)</small>		
26 55 53 11-0043 EA 750 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	1,440.95	160.78
26 55 53 11-0044 EA 1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light.....	1,440.95	160.78
<b>26 55 53 11-0045 Metal Halide PF-1000 Series GE Flood Lights</b> <small>(26 55 53 11-0041)</small>		
26 55 53 11-0046 EA 1,000 Watt Metal Halide PF-1000 Series GE Flood Light.....	1,372.54	160.78
<b>26 55 53 11-0047 HLU/VLU (Medium Size) FRP Series GE Flood Lights</b> <small>(26 55 53 11-0001)</small>		
Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
<b>26 55 53 11-0048 High Pressure Sodium HLU/VLU FRP Series GE Flood Lights</b> <small>(26 55 53 11-0047)</small>		
26 55 53 11-0049 EA 250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	1,169.35	144.70
26 55 53 11-0050 EA 400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light.....	1,191.77	144.70
<b>26 55 53 11-0051 Metal Halide HLU/VLU Series GE Flood Lights</b> <small>(26 55 53 11-0047)</small>		
26 55 53 11-0052 EA 400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light.....	1,182.33	144.70
<b>26 55 53 11-0053 Accessories For Powerflood GE Flood Lights</b> <small>(26 55 53 11-0001)</small>		
26 55 53 11-0054 EA Wireguard For Powerflood GE Flood Light.....	199.96	32.16
26 55 53 11-0055 EA Polycarbonate Vandal Shield For Powerflood GE Flood Light.....	112.67	32.16
26 55 53 11-0056 EA Top Visor For Powerflood Flood Light.....	166.93	32.16
26 55 53 11-0057 EA Top And Two Side Visors For Powerflood GE Flood Light.....	125.65	32.16
26 55 53 11-0058 EA Pipe Wall Mounting Bracket For Powerflood GE Flood Light.....	313.25	96.47
26 55 53 11-0059 EA Multiple Mounting Channel For Powerflood GE Flood Light.....	138.62	32.16
26 55 53 11-0060 EA Wall Or Flat Surface Bracket For Powerflood GE Flood Light.....	224.79	96.47
26 55 53 11-0061 EA Steel Angle Bracket For Powerflood GE Flood Light.....	235.40	96.47
26 55 53 11-0062 EA Cross Arm Adaptor For Powerflood GE Flood Light.....	102.06	32.16
26 55 53 11-0063 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light.....	98.52	32.16
<b>26 55 53 11-0064 Flood Lights (Lithonia Contour Series)</b> <small>(26 55 53 11)</small>		
<b>26 55 53 11-0065 TFM (Small Size) Series Lithonia Flood Lights</b> <small>(26 55 53 11-0064)</small>		
Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
<b>26 55 53 11-0066 High Pressure Sodium TFM Series Lithonia Flood Lights</b> <small>(26 55 53 11-0065)</small>		
26 55 53 11-0067 EA 70 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	702.84	128.62
26 55 53 11-0068 EA 100 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	770.94	128.62
26 55 53 11-0069 EA 150 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	837.64	128.62
<b>26 55 53 11-0070 Metal Halide TFM Series Lithonia Flood Lights</b> <small>(26 55 53 11-0065)</small>		
26 55 53 11-0071 EA 50 Watt Metal Halide TFM Series Lithonia Flood Light.....	920.86	128.62
26 55 53 11-0072 EA 70 Watt Metal Halide TFM Series Lithonia Flood Light.....	904.47	128.62
26 55 53 11-0073 EA 100 Watt Metal Halide TFM Series Lithonia Flood Light.....	878.05	128.62
26 55 53 11-0074 EA 175 Watt Metal Halide TFM Series Lithonia Flood Light.....	876.09	128.62
<b>26 55 53 11-0075 Compact Fluorescent TFM Series Lithonia Flood Lights</b> <small>(26 55 53 11-0065)</small>		
26 55 53 11-0076 EA 42 Watt Compact Fluorescent TFM Series Lithonia Flood Light.....	914.07	128.62

26	26	Electrical
	26 50	Lighting
	26 55	Special Purpose Lighting



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 55 53 11-0077		<b>TFL (Medium Size) Series Lithonia Flood Lights</b> <small>(26 55 53 11-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.			
26 55 53 11-0078		<b>High Pressure Sodium TFL Series Lithonia Flood Lights</b> <small>(26 55 53 11-0077)</small>			
26 55 53 11-0079	EA	250 Watt High Pressure Sodium TFL Series Lithonia Flood Light .....	1,089.90		144.70
26 55 53 11-0080	EA	400 Watt High Pressure Sodium TFL Series Lithonia Flood Light .....	1,112.62		144.70
26 55 53 11-0081		<b>Metal Halide TFL Series Lithonia Flood Lights</b> <small>(26 55 53 11-0077)</small>			
26 55 53 11-0082	EA	175 Watt Metal Halide TFL Series Lithonia Flood Light .....	1,038.85		144.70
26 55 53 11-0083	EA	250 Watt Metal Halide TFL Series Lithonia Flood Light .....	1,038.85		144.70
26 55 53 11-0084	EA	400 Watt Metal Halide TFL Series Lithonia Flood Light .....	1,074.47		144.70
26 55 53 11-0085		<b>TFR (Low Profile) Series Lithonia Flood Lights</b> <small>(26 55 53 11-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.			
26 55 53 11-0086		<b>High Pressure Sodium TFR Lithonia Flood Lights</b> <small>(26 55 53 11-0085)</small>			
26 55 53 11-0087	EA	150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light .....	1,046.42		128.62
26 55 53 11-0088	EA	250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light .....	1,080.41		128.62
26 55 53 11-0089	EA	400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light .....	1,108.81		128.62
26 55 53 11-0090		<b>Metal Halide TFR Lithonia Flood Lights</b> <small>(26 55 53 11-0085)</small>			
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light .....	1,035.05		128.62
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light .....	1,069.09		128.62
26 55 53 11-0093		<b>TFA (Large Size) Series Lithonia Flood Lights</b> <small>(26 55 53 11-0064)</small> Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.			
26 55 53 11-0094		<b>High Pressure Sodium TFA Series Lithonia Flood Lights</b> <small>(26 55 53 11-0093)</small>			
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	2,052.86		160.78
26 55 53 11-0096		<b>Metal Halide TFA Series Lithonia Flood Lights</b> <small>(26 55 53 11-0093)</small>			
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,570.35		160.78
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,740.63		160.78
26 55 53 11-0099		<b>Accessories For Contour Series Lithonia Flood Lights</b> <small>(26 55 53 11-0064)</small>			
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light .....	171.34		32.16
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light .....	338.48		32.16
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light.....	139.80		32.16
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light .....	190.88		32.16
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light .....	419.96		96.47
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light .....	329.58		96.47
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light.....	329.58		96.47
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe .....	365.63		96.47
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light .....	163.58		32.16
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light .....	128.95		32.16
26 55 53 11-0110		<b>Flood Lights (Eaton)</b> <small>(26 55 53 11)</small>			
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB).....	1,122.59		128.62
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	61.06		
		For >50 To 100, Deduct	-34.50		
		For >100 To 250, Deduct	-62.56		
		For >250 To 500, Deduct	-112.26		
		For >500, Deduct	-161.96		
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016).....	1,400.65		141.95
		For >50 To 100, Deduct	-42.11		
		For >100 To 250, Deduct	-77.13		
		For >250 To 500, Deduct	-140.07		
		For >500, Deduct	-203.00		
26 55 53 11-0113		<b>Flood Lights (Ruud)</b> <small>(26 55 53 11)</small>			
26 55 53 11-0114		<b>NS (Micro) Series Ruud Flood Lights</b> <small>(26 55 53 11-0113)</small> Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.			
26 55 53 11-0115		<b>High Pressure Sodium NS Series Ruud Flood Lights</b> <small>(26 55 53 11-0114)</small>			
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light .....	459.52		96.47
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light .....	459.52		96.47



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Special Purpose Lighting	26 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0118 EA 70 Watt High Pressure Sodium NS Series Ruud Flood Light .....	459.52	96.47
26 55 53 11-0119 EA 100 Watt High Pressure Sodium NS Series Ruud Flood Light .....	459.52	96.47
26 55 53 11-0120 EA 150 Watt High Pressure Sodium NS Series Ruud Flood Light .....	459.52	96.47
<b>26 55 53 11-0121 Metal Halide NS Series Ruud Flood Lights (26 55 53 11-0114)</b>		
26 55 53 11-0122 EA 50 Watt Metal Halide NS Series Ruud Flood Light .....	525.57	96.47
26 55 53 11-0123 EA 70 Watt Metal Halide NS Series Ruud Flood Light .....	525.57	96.47
26 55 53 11-0124 EA 100 Watt Metal Halide NS Series Ruud Flood Light .....	525.57	96.47
<b>26 55 53 11-0125 Compact Fluorescent NS Series Ruud Flood Lights (26 55 53 11-0114)</b>		
26 55 53 11-0126 EA 13 Watt Compact Fluorescent NS Series Ruud Flood Light .....	391.10	96.47
26 55 53 11-0127 EA 26 Watt Compact Fluorescent NS Series Ruud Flood Light .....	407.62	96.47
26 55 53 11-0128 EA 32 Watt Compact Fluorescent NS Series Ruud Flood Light .....	412.34	96.47
26 55 53 11-0129 EA 42 Watt Compact Fluorescent NS Series Ruud Flood Light .....	417.05	96.47
<b>26 55 53 11-0130 NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights (26 55 53 11-0113)</b>		
Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
<b>26 55 53 11-0131 High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights (26 55 53 11-0130)</b>		
26 55 53 11-0132 EA 150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	709.33	144.70
26 55 53 11-0133 EA 250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	751.79	144.70
26 55 53 11-0134 EA 400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light .....	775.38	144.70
<b>26 55 53 11-0135 Metal Halide NSF/NSW/NSC Series Ruud Flood Lights (26 55 53 11-0130)</b>		
26 55 53 11-0136 EA 175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	699.89	144.70
26 55 53 11-0137 EA 250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	704.61	144.70
26 55 53 11-0138 EA 400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light .....	718.77	144.70
<b>26 55 53 11-0139 Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights (26 55 53 11-0130)</b>		
26 55 53 11-0140 EA 70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light .....	683.38	144.70
<b>26 55 53 11-0141 FS (Square) Series Ruud Flood Lights (26 55 53 11-0113)</b>		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
<b>26 55 53 11-0142 High Pressure Sodium FS Series Ruud Flood Lights (26 55 53 11-0141)</b>		
26 55 53 11-0143 EA 250 Watt High Pressure Sodium FS Series Ruud Flood Light .....	834.36	144.70
26 55 53 11-0144 EA 400 Watt High Pressure Sodium FS Series Ruud Flood Light .....	839.08	144.70
26 55 53 11-0145 EA 1,000 Watt High Pressure Sodium FS Series Ruud Flood Light .....	1,442.13	160.78
<b>26 55 53 11-0146 Metal Halide FS Series Ruud Flood Lights (26 55 53 11-0141)</b>		
26 55 53 11-0147 EA 175 Watt Metal Halide FS Series Ruud Flood Light .....	834.36	144.70
26 55 53 11-0148 EA 250 Watt Metal Halide FS Series Ruud Flood Light .....	839.08	144.70
26 55 53 11-0149 EA 400 Watt Metal Halide FS Series Ruud Flood Light .....	853.23	144.70
26 55 53 11-0150 EA 1,000 Watt Metal Halide FS Series Ruud Flood Light .....	1,286.43	160.78
<b>26 55 53 11-0151 MFS (Mini Square) Series Ruud Flood Lights (26 55 53 11-0113)</b>		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
<b>26 55 53 11-0152 High Pressure Sodium MFS Series Ruud Flood Lights (26 55 53 11-0151)</b>		
26 55 53 11-0153 EA 35 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	651.22	128.62
26 55 53 11-0154 EA 50 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	700.76	128.62
26 55 53 11-0155 EA 70 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	700.76	128.62
26 55 53 11-0156 EA 100 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	700.76	128.62
26 55 53 11-0157 EA 150 Watt High Pressure Sodium MFS Series Ruud Flood Light .....	700.76	128.62
<b>26 55 53 11-0158 Metal Halide MFS Series Ruud Flood Lights (26 55 53 11-0151)</b>		
26 55 53 11-0159 EA 50 Watt Metal Halide MFS Series Ruud Flood Light .....	717.27	128.62
26 55 53 11-0160 EA 70 Watt Metal Halide MFS Series Ruud Flood Light .....	717.27	128.62
26 55 53 11-0161 EA 100 Watt Metal Halide MFS Series Ruud Flood Light .....	717.27	128.62
26 55 53 11-0162 EA 175 Watt Metal Halide MFS Series Ruud Flood Light .....	691.32	128.62
<b>26 55 53 11-0163 MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights (26 55 53 11-0113)</b>		
Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
<b>26 55 53 11-0164 High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights (26 55 53 11-0163)</b>		
26 55 53 11-0165 EA 35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	710.20	128.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0166 EA 50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	759.74	128.62
26 55 53 11-0167 EA 70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	759.74	128.62
26 55 53 11-0168 EA 100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	759.74	128.62
26 55 53 11-0169 EA 150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light .....	759.74	128.62
<b>26 55 53 11-0170 Metal Halide MCF/MPM/MPN Series Ruud Flood Lights</b> (26 55 53 11-0163)		
26 55 53 11-0171 EA 50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	776.25	128.62
26 55 53 11-0172 EA 70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	776.25	128.62
26 55 53 11-0173 EA 100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	776.25	128.62
26 55 53 11-0174 EA 175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light .....	750.30	128.62
<b>26 55 53 11-0175 CF (Cutoff Square) Series Ruud Flood Lights</b> (26 55 53 11-0113)		
Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
<b>26 55 53 11-0176 High Pressure Sodium CF Series Ruud Flood Lights</b> (26 55 53 11-0175)		
26 55 53 11-0177 EA 250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	945.24	144.70
26 55 53 11-0178 EA 400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	968.83	144.70
26 55 53 11-0179 EA 1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	1,501.11	160.78
<b>26 55 53 11-0180 Metal Halide CF Series Ruud Flood Lights</b> (26 55 53 11-0175)		
26 55 53 11-0181 EA 175 Watt Metal Halide CF Series Ruud Flood Light .....	893.34	144.70
26 55 53 11-0182 EA 250 Watt Metal Halide CF Series Ruud Flood Light .....	898.06	144.70
26 55 53 11-0183 EA 400 Watt Metal Halide CF Series Ruud Flood Light .....	912.21	144.70
26 55 53 11-0184 EA 1,000 Watt Metal Halide CF Series Ruud Flood Light .....	1,345.41	160.78
<b>26 55 53 11-0185 CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights</b> (26 55 53 11-0113)		
Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
<b>26 55 53 11-0186 High Pressure Sodium CN Series Ruud Flood Lights</b> (26 55 53 11-0185)		
26 55 53 11-0187 EA 400 High Pressure Sodium CN Series Ruud Flood Light.....	1,227.45	160.78
26 55 53 11-0188 EA 1,000 High Pressure Sodium CN Series Ruud Flood Light.....	1,472.80	160.78
<b>26 55 53 11-0189 Metal Halide CN Series Ruud Flood Lights</b> (26 55 53 11-0185)		
26 55 53 11-0190 EA 400 Watt Metal Halide CN Series Ruud Flood Light .....	1,170.84	160.78
26 55 53 11-0191 EA 1,000 Watt Metal Halide CN Series Ruud Flood Light.....	1,317.10	160.78
<b>26 55 53 11-0192 PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights</b>		
(26 55 53 11-0113) Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
<b>26 55 53 11-0193 High Pressure Sodium PM/PN Series Ruud Flood Lights</b> (26 55 53 11-0192)		
26 55 53 11-0194 EA 250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	978.27	144.70
26 55 53 11-0195 EA 400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	1,001.86	144.70
<b>26 55 53 11-0196 Metal Halide PM/PN Series Ruud Flood Lights</b> (26 55 53 11-0192)		
26 55 53 11-0197 EA 175 Watt Metal Halide PM/PN Series Ruud Flood Light .....	926.37	144.70
26 55 53 11-0198 EA 250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	931.09	144.70
26 55 53 11-0199 EA 400 Watt Metal Halide PM/PN Series Ruud Flood Light .....	945.24	144.70
26 55 53 11-0200 EA 1,000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	1,378.44	160.78
<b>26 55 53 11-0201 Accessories For Ruud Flood Lighting</b> (26 55 53 11-0113)		
26 55 53 11-0202 EA Wireguard For Ruud Flood Light.....	99.70	32.16
26 55 53 11-0203 EA Deep Baffle (Full Visor) For Ruud Flood Light .....	163.39	32.16
26 55 53 11-0204 EA Glare Guard (Upper Visor) For Ruud Flood Light .....	116.21	32.16
26 55 53 11-0205 EA Vandal Shield For Ruud Flood Light .....	139.80	32.16
26 55 53 11-0206 EA Pipe Mounting Bracket For Ruud Flood Light .....	273.15	96.47
26 55 53 11-0207 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	85.54	32.16
<b>26 55 53 11-0208 Flood Lights (Lumark)</b> (26 55 53 11)		
<b>26 55 53 11-0209 QZ Wedge Series Quartz Lumark Flood Lights</b> (26 55 53 11-0208)		
Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210 EA 500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	241.18	96.47
<b>26 55 53 11-0211 LQL Series Quartz Lumark Flood Lights</b> (26 55 53 11-0208)		
Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212 EA 1,500 Watt LQL Series Quartz Lumark Flood Light .....	310.78	96.47
<b>26 55 53 11-0213 Flood Lights (Kim Lighting)</b> (26 55 53 11)		





	<b>Electrical</b>	<b>26</b>
	<b>Lighting</b>	<b>26 50</b>
	<b>Special Purpose Lighting</b>	<b>26 55</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0214			<b>MicroFlood® Series Kim Lighting Flood Lights</b> (26 55 53 11-0213) Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215			<b>LED MicroFlood® Series Kim Lighting Flood Lights</b> (26 55 53 11-0214)		
26 55 53 11-0216	EA		5 Watt, LED MicroFlood® Series Kim Lighting Flood Light .....	545.77	40.63
			For >50 To 100, Deduct	-15.68	
			For >100 To 250, Deduct	-29.32	
			For >250 To 500, Deduct	-54.58	
			For >500, Deduct	-79.83	
26 55 53 11-0217	EA		15 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	676.69	40.63
			For >50 To 100, Deduct	-18.95	
			For >100 To 250, Deduct	-35.87	
			For >250 To 500, Deduct	-67.67	
			For >500, Deduct	-99.47	
26 55 53 11-0218			<b>Scarab® Series Kim Lighting Flood Lights</b> (26 55 53 11-0213) Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219			<b>LED Scarab® Series Kim Lighting Accent Flood Lights</b> (26 55 53 11-0218) Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA		6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light.....	837.56	40.63
			For >50 To 100, Deduct	-22.97	
			For >100 To 250, Deduct	-43.91	
			For >250 To 500, Deduct	-83.76	
			For >500, Deduct	-123.60	
26 55 53 11-0221			<b>Flood Lights (CREE® BetaLED®)</b> (26 55 53 11)		
26 55 53 11-0222			<b>Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304)</b> (26 55 53 11-0221) Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223	EA		40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,277.49	116.14
			For >50 To 100, Deduct	-37.74	
			For >100 To 250, Deduct	-69.68	
			For >250 To 500, Deduct	-127.75	
			For >500, Deduct	-185.82	
26 55 53 11-0224	EA		60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,401.02	122.59
			For >50 To 100, Deduct	-41.16	
			For >100 To 250, Deduct	-76.18	
			For >250 To 500, Deduct	-140.10	
			For >500, Deduct	-204.02	
26 55 53 11-0225			<b>Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG)</b> (26 55 53 11-0221) Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226	EA		20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,106.28	109.69
			For 480 Volt, Add	110.03	
			For >50 To 100, Deduct	-33.14	
			For >100 To 250, Deduct	-60.80	
			For >250 To 500, Deduct	-110.63	
			For >500, Deduct	-160.46	
26 55 53 11-0227	EA		40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,399.56	116.14
			For 480 Volt, Add	110.03	
			For >50 To 100, Deduct	-40.80	
			For >100 To 250, Deduct	-75.79	
			For >250 To 500, Deduct	-139.96	
			For >500, Deduct	-204.13	
26 55 53 11-0228	EA		60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,692.84	122.59
			For 480 Volt, Add	110.03	
			For >50 To 100, Deduct	-48.45	
			For >100 To 250, Deduct	-90.77	
			For >250 To 500, Deduct	-169.28	
			For >500, Deduct	-247.80	
26 55 53 11-0229	EA		80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,098.66	129.04
			For 480 Volt, Add	110.03	
			For >50 To 100, Deduct	-58.92	
			For >100 To 250, Deduct	-111.39	
			For >250 To 500, Deduct	-209.87	
			For >500, Deduct	-308.35	
26 55 53 11-0230	EA		100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,391.95	135.50
			For 480 Volt, Add	110.03	
			For >50 To 100, Deduct	-66.57	
			For >100 To 250, Deduct	-126.37	
			For >250 To 500, Deduct	-239.20	
			For >500, Deduct	-352.02	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 55</b>	<b>Special Purpose Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53	11-0231	EA	120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,685.22	141.95
			<i>For 480 Volt, Add</i>	110.03	
			<i>For &gt;50 To 100, Deduct</i>	-74.23	
			<i>For &gt;100 To 250, Deduct</i>	-141.36	
			<i>For &gt;250 To 500, Deduct</i>	-268.52	
			<i>For &gt;500, Deduct</i>	-395.69	
26 55 53	11-0232	EA	140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,068.15	148.40
			<i>For 480 Volt, Add</i>	110.03	
			<i>For &gt;50 To 100, Deduct</i>	-84.12	
			<i>For &gt;100 To 250, Deduct</i>	-160.83	
			<i>For &gt;250 To 500, Deduct</i>	-306.82	
			<i>For &gt;500, Deduct</i>	-452.80	
26 55 53	11-0233	EA	160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,361.42	154.85
			<i>For 480 Volt, Add</i>	110.03	
			<i>For &gt;50 To 100, Deduct</i>	-91.78	
			<i>For &gt;100 To 250, Deduct</i>	-175.81	
			<i>For &gt;250 To 500, Deduct</i>	-336.14	
			<i>For &gt;500, Deduct</i>	-496.47	
<b>26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) (26 55 53 11-0221)</b>					
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 55 53	11-0235	EA	120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	2,572.69	141.95
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	49.64	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.96	
			<i>For &gt;50 To 100, Deduct</i>	-71.41	
			<i>For &gt;100 To 250, Deduct</i>	-135.73	
			<i>For &gt;250 To 500, Deduct</i>	-257.27	
			<i>For &gt;500, Deduct</i>	-378.81	
26 55 53	11-0236	EA	240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	4,385.10	174.21
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	74.12	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.96	
			<i>For 480 Volt, Add</i>	202.45	
			<i>For &gt;50 To 100, Deduct</i>	-118.34	
			<i>For &gt;100 To 250, Deduct</i>	-227.97	
			<i>For &gt;250 To 500, Deduct</i>	-438.51	
			<i>For &gt;500, Deduct</i>	-649.05	
<b>26 55 53 11-0237 Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) (26 55 53 11-0221)</b>					
Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.					
26 55 53	11-0238	EA	112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL) .....	1,488.53	141.95
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	37.81	
			<i>For Rotated Optics, Back Light Shield, Add</i>	37.81	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-44.31	
			<i>For &gt;100 To 250, Deduct</i>	-81.52	
			<i>For &gt;250 To 500, Deduct</i>	-148.85	
			<i>For &gt;500, Deduct</i>	-216.18	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Special Purpose Lighting</b>	<b>26 55</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0239	EA		168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL).....	1,594.82	141.95
			Note: Type III, IV or V medium optics only.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Front Facing Optics, Back Light Shield, Add	37.81	
			For Rotated Optics, Back Light Shield, Add	37.81	
			For Field Adjustable Output, Add	33.75	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For Type II Medium Or Type V Short Optics, Add	314.40	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-46.97	
			For >100 To 250, Deduct	-86.84	
			For >250 To 500, Deduct	-159.48	
			For >500, Deduct	-232.13	
26 55 53 11-0240	EA		223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL).....	2,049.07	174.21
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Field Adjustable Output, Add	33.75	
			For Front Facing Optics, Back Light Shield, Add	45.76	
			For Rotated Optics, Back Light Shield, Add	45.76	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-59.94	
			For >100 To 250, Deduct	-111.16	
			For >250 To 500, Deduct	-204.91	
			For >500, Deduct	-298.65	
26 55 53 11-0241			<b>Flood Lights (PlanLED)</b> (26 55 53 11)		
26 55 53 11-0242			<b>Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA)</b> (26 55 53 11-0241)		
26 55 53 11-0243	EA		6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050).....	654.95	116.14
			For >50 To 100, Deduct	-22.18	
			For >100 To 250, Deduct	-38.55	
			For >250 To 500, Deduct	-65.50	
			For >500, Deduct	-92.44	
26 55 53 11-0244	EA		9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075).....	787.06	122.59
			For >50 To 100, Deduct	-25.81	
			For >100 To 250, Deduct	-45.48	
			For >250 To 500, Deduct	-78.71	
			For >500, Deduct	-111.93	
26 55 53 11-0245	EA		12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100).....	910.46	132.27
			For >50 To 100, Deduct	-29.38	
			For >100 To 250, Deduct	-52.14	
			For >250 To 500, Deduct	-91.05	
			For >500, Deduct	-129.96	
26 55 53 11-0246			<b>Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA)</b> (26 55 53 11-0241)		
26 55 53 11-0247	EA		21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200).....	1,849.20	258.09
			For 0 To 10 Volt Dimming, Add	93.67	
			For >50 To 100, Deduct	-59.13	
			For >100 To 250, Deduct	-105.36	
			For >250 To 500, Deduct	-184.92	
			For >500, Deduct	-264.48	
26 55 53 11-0248	EA		42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400).....	2,900.45	258.09
			For 0 To 10 Volt Dimming, Add	93.67	
			For >50 To 100, Deduct	-85.42	
			For >100 To 250, Deduct	-157.93	
			For >250 To 500, Deduct	-290.05	
			For >500, Deduct	-422.16	
26 55 53 11-0249	EA		84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800).....	5,163.33	258.09
			For 0 To 10 Volt Dimming, Add	93.67	
			For >50 To 100, Deduct	-141.99	
			For >100 To 250, Deduct	-271.07	
			For >250 To 500, Deduct	-516.33	
			For >500, Deduct	-761.60	
26 55 53 11-0250			<b>Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA)</b> (26 55 53 11-0241)		
26 55 53 11-0251	EA		26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200).....	1,651.20	167.76
			For 0 To 10 Volt Dimming, Add	93.67	
			For 480 Volt, Add	140.89	
			For >50 To 100, Deduct	-49.67	
			For >100 To 250, Deduct	-90.95	
			For >250 To 500, Deduct	-165.12	
			For >500, Deduct	-239.29	

<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 55</b>	<b>Special Purpose Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0252 EA 39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300).....	2,123.61	174.21
For 0 To 10 Volt Dimming, Add	93.67	
For 480 Volt, Add	113.87	
For >50 To 100, Deduct	-61.80	
For >100 To 250, Deduct	-114.89	
For >250 To 500, Deduct	-212.36	
For >500, Deduct	-309.83	
26 55 53 11-0253 EA 52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400).....	2,719.59	180.66
For 0 To 10 Volt Dimming, Add	93.67	
For 480 Volt, Add	92.36	
For >50 To 100, Deduct	-77.02	
For >100 To 250, Deduct	-145.01	
For >250 To 500, Deduct	-271.96	
For >500, Deduct	-398.91	
<b>26 55 53 12 Security Hazardous Location Flood Lights (26 55 53)</b>		
Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.		
26 55 53 12-0001 Lithonia Hazardous Location Flood Lights (26 55 53 12)		
26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights (26 55 53 12-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights (26 55 53 12-0002)		
26 55 53 12-0004 EA 150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,036.48	128.62
26 55 53 12-0005 EA 250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,109.62	128.62
26 55 53 12-0006 EA 400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,038.84	128.62
26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0002)		
26 55 53 12-0008 EA 250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,101.81	128.62
26 55 53 12-0009 EA 400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,067.15	128.62
26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights (26 55 53 12-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0011 High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0010)		
26 55 53 12-0012 EA 100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	986.21	128.62
26 55 53 12-0013 EA 150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,029.86	128.62
26 55 53 12-0014 Metal Halide HFM Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0010)		
26 55 53 12-0015 EA 175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	868.26	128.62
26 55 53 12-0016 HFA (Large) Series Hazardous Location Flood Lights (26 55 53 12-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0017 High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0016)		
26 55 53 12-0018 EA 250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,399.67	160.78
26 55 53 12-0019 EA 400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,420.90	160.78
26 55 53 12-0020 Metal Halide HFA Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0016)		
26 55 53 12-0021 EA 250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,392.59	160.78
26 55 53 12-0022 EA 400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,420.90	160.78
26 55 53 12-0023 HFL (Medium) Series Hazardous Location Flood Lights (26 55 53 12-0001)		
Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53 12-0024 High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0023)		
26 55 53 12-0025 EA 400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,032.53	144.70
26 55 53 12-0026 Metal Halide HFL Series Lithonia Hazardous Location Flood Lights (26 55 53 12-0023)		
26 55 53 12-0027 EA 400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,115.09	144.70



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Special Purpose Lighting</b>	<b>26 55</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 12-0028 Accessories For Lithonia Hazardous Location Flood Lights (26 55 53 12-0001) See CSI section 26 55 53 11-0099 for accessories.		
<b>26 55 53 13 Security High Performance Flood Lights (26 55 53)</b> Note: For airport aprons and parking areas.		
26 55 53 13-0001 Lithonia High Performance Flood Lights (26 55 53 13)		
26 55 53 13-0002 170S Series Lithonia High Performance Flood Lights (26 55 53 13-0001) Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53 13-0003 High Pressure Sodium 170S Series Lithonia High Performance Flood Lights (26 55 53 13-0002)		
26 55 53 13-0004 EA 250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	2,435.93	192.94
26 55 53 13-0005 EA 400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	2,629.37	192.94
26 55 53 13-0006 EA 750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	2,638.81	192.94
26 55 53 13-0007 EA 1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light .....	2,933.70	192.94
26 55 53 13-0008 Metal Halide 170S Series Lithonia High Performance Flood Lights (26 55 53 13-0002)		
26 55 53 13-0009 EA 320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	2,811.02	192.94
26 55 53 13-0010 EA 350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	2,680.21	192.94
26 55 53 13-0011 EA 400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	2,556.24	192.94
26 55 53 13-0012 EA 1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light .....	2,678.92	192.94
26 55 53 13-0013 Accessories For Lithonia High Performance Flood Lights (26 55 53 13-0002) See CSI section 26 55 53 11-0099 for accessories.		
<b>26 55 61 Theatrical Lighting (26 55)</b>		
26 55 61 00-0001 Stage Lighting (26 55 61)		
26 55 61 00-0002 EA Ellipsoidal Spotlight, Two 6" x 9" Lenses .....	643.11	140.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0003 EA Ellipsoidal Spotlight, Two 6" x 12" Lenses .....	643.11	140.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0004 EA Ellipsoidal Spotlight, Two 6" x 16" Lenses .....	643.11	140.83
Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
26 55 61 00-0005 EA 14" Scoop Floodlight Altman #SC14 .....	664.34	140.83
26 55 61 00-0006 EA 6" Diameter Fresnel Spotlight, Spherical Specular Alzak1 .....	520.73	140.83
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0007 EA 8" Diameter Fresnel Spotlight, Spherical Specular Alzak .....	863.34	140.83
Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.		
26 55 61 00-0008 EA Follow Spotlight With Steel Chassis And Lightweight .....	2,290.42	140.83
Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0009 EA Follow Spotlight With Steel Chassis And Lightweight .....	2,762.94	140.83
Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.		
26 55 61 00-0010 EA 300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel .....	473.18	140.83
Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.		
26 55 61 00-0011 EA 6' Length, Multi-Lamp Compartmented Striplighting Luminaire .....	1,740.74	140.83
Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.		
26 55 61 00-0012 EA 1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S) .....	2,979.01	140.83
<b>26 55 68 Athletic Field Lighting (26 55)</b>		
26 55 68 00-0001 Sports Lighting System (26 55 68) Note: Musco.		
26 55 68 00-0002 Round Steel Tapered Poles (26 55 68 00-0001) Note: With Internal wiring harness.		
26 55 68 00-0003 EA 20' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	4,065.93	617.40
26 55 68 00-0004 EA 25' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	4,891.61	746.02
26 55 68 00-0005 EA 30' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	5,522.65	810.34
26 55 68 00-0006 EA 35' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	6,052.72	842.49
26 55 68 00-0007 EA 40' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	7,649.95	874.65
26 55 68 00-0008 EA 45' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	8,759.59	1,067.59
26 55 68 00-0009 EA 50' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	9,418.18	1,131.90
26 55 68 00-0010 EA 55' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	10,698.46	1,286.24
26 55 68 00-0011 EA 60' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	12,150.59	1,447.02
26 55 68 00-0012 EA 65' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	13,478.86	1,616.53
26 55 68 00-0013 EA 70' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	14,689.47	1,806.71
26 55 68 00-0014 EA 75' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	15,998.82	2,028.59
26 55 68 00-0015 EA 80' Steel Tapered Pole With Precast Concrete Foundation Sleeve .....	17,900.50	2,440.65



<b>26</b>	<b>26</b>	<b>Electrical</b>
	<b>26 50</b>	<b>Lighting</b>
	<b>26 55</b>	<b>Special Purpose Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>26 55 68 00-0016</b>	<b>Steel Pole Brackets</b> <small>(26 55 68 00-0001)</small>		
26 55 68 00-0017	EA Two Light Bracket.....	738.87	64.31
26 55 68 00-0018	EA Three Light Bracket.....	926.96	90.04
26 55 68 00-0019	EA Four Light Bracket.....	1,345.81	109.33
26 55 68 00-0020	EA Five Light Bracket.....	1,529.44	128.62
26 55 68 00-0021	EA Six Light Bracket.....	1,858.59	147.92
26 55 68 00-0022	EA Seven Light Bracket.....	2,128.36	167.21
26 55 68 00-0023	EA Eight Light Bracket.....	2,435.37	192.94
26 55 68 00-0024	EA Nine Light Bracket.....	2,753.65	212.23

<b>26 55 68 00-0025</b>	<b>Light Fixtures</b> <small>(26 55 68 00-0001)</small>		
26 55 68 00-0026	EA 120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug <i>For 1,500 Watt Metal Halide Lamp, Add</i>	1,376.55 15.48	

<b>26 55 68 00-0027</b>	<b>Electrical Component Enclosure</b> <small>(26 55 68 00-0001)</small>		
<small>Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.</small>			
26 55 68 00-0028	EA Electrical Component Enclosure For 2 Lights, Pole Mounted.....	1,025.53	75.33
26 55 68 00-0029	EA Electrical Component Enclosure For 3 Lights, Pole Mounted.....	1,538.25	115.91
26 55 68 00-0030	EA Electrical Component Enclosure For 4 Lights, Pole Mounted.....	1,765.52	144.87
26 55 68 00-0031	EA Electrical Component Enclosure For 5 Lights, Pole Mounted.....	2,284.20	162.27
26 55 68 00-0032	EA Electrical Component Enclosure For 6 Lights, Pole Mounted.....	2,569.80	173.85

<b>26 55 68 00-0033</b>	<b>Accessories</b> <small>(26 55 68 00-0001)</small>		
26 55 68 00-0034	EA Time Delay Kit (Musco®).....	1,010.44	232.20
26 55 68 00-0035	EA Remote Switch Box Push Button (Musco®).....	2,102.51	232.20
26 55 68 00-0036	EA Push Button Strobe Kit (Musco®).....	2,539.34	232.20
26 55 68 00-0037	EA Additional Control-Link Unit (Musco®).....	12,313.94	696.61
26 55 68 00-0038	EA Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®).....	1,323.88	115.91
26 55 68 00-0039	EA Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®).....	1,555.68	231.81

**26 56 Exterior Lighting** (26 50)

**26 56 13 Lighting Poles and Standards** (26 56)

<b>26 56 13 00-0001</b>	<b>Poles And Standards</b> <small>(26 56 13)</small>		
<small>See CSI section 26 05 46 00-0000 for additional poles, 26 05 46 00-0001 for additional pole.</small>			
<b>26 56 13 00-0002</b>	<b>Roadway Light Poles</b> <small>(26 56 13 00-0001)</small>		
<small>Note: Excludes lighting fixtures.</small>			
<b>26 56 13 00-0003</b>	<b>Steel Roadway Light Poles</b> <small>(26 56 13 00-0002)</small>		
<small>Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).</small>			
<b>26 56 13 00-0004</b>	<b>Round Tapered, Steel Roadway Light Poles</b> <small>(26 56 13 00-0003)</small>		
<b>26 56 13 00-0005</b>	<b>Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms</b> <small>(26 56 13 00-0004)</small>		
<b>26 56 13 00-0006</b>	<b>Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm</b> <small>(26 56 13 00-0005)</small>		
26 56 13 00-0007	EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,114.79 70.29 -77.87 -155.74 -252.90	385.87
<small>For Galvanized Finish, Add</small>			
<small>For &gt;10 To 20, Deduct</small>			
<small>For &gt;20 To 40, Deduct</small>			
<small>For &gt;40, Deduct</small>			
26 56 13 00-0008	EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,120.57 70.46 -78.01 -156.03 -253.34	385.87
<small>For Galvanized Finish, Add</small>			
<small>For &gt;10 To 20, Deduct</small>			
<small>For &gt;20 To 40, Deduct</small>			
<small>For &gt;40, Deduct</small>			
26 56 13 00-0009	EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,412.14 71.49 -85.30 -170.61 -281.64	514.50
<small>For Galvanized Finish, Add</small>			
<small>For &gt;10 To 20, Deduct</small>			
<small>For &gt;20 To 40, Deduct</small>			
<small>For &gt;40, Deduct</small>			
26 56 13 00-0010	EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,481.78 73.58 -87.04 -174.09 -286.86	514.50
<small>For Galvanized Finish, Add</small>			
<small>For &gt;10 To 20, Deduct</small>			
<small>For &gt;20 To 40, Deduct</small>			
<small>For &gt;40, Deduct</small>			



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0011	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,551.41	514.50
		<i>For Galvanized Finish, Add</i>	75.67	
		<i>For &gt;10 To 20, Deduct</i>	-88.79	
		<i>For &gt;20 To 40, Deduct</i>	-177.57	
		<i>For &gt;40, Deduct</i>	-292.08	
26 56 13 00-0012	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,694.70	578.81
		<i>For Galvanized Finish, Add</i>	76.11	
		<i>For &gt;10 To 20, Deduct</i>	-92.37	
		<i>For &gt;20 To 40, Deduct</i>	-184.74	
		<i>For &gt;40, Deduct</i>	-306.04	
26 56 13 00-0013	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,727.72	578.81
		<i>For Galvanized Finish, Add</i>	77.10	
		<i>For &gt;10 To 20, Deduct</i>	-93.19	
		<i>For &gt;20 To 40, Deduct</i>	-186.39	
		<i>For &gt;40, Deduct</i>	-308.52	
26 56 13 00-0014	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,734.00	578.81
		<i>For Galvanized Finish, Add</i>	77.29	
		<i>For &gt;10 To 20, Deduct</i>	-93.35	
		<i>For &gt;20 To 40, Deduct</i>	-186.70	
		<i>For &gt;40, Deduct</i>	-308.99	
26 56 13 00-0015	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,915.54	610.97
		<i>For Galvanized Finish, Add</i>	80.81	
		<i>For &gt;10 To 20, Deduct</i>	-97.89	
		<i>For &gt;20 To 40, Deduct</i>	-195.78	
		<i>For &gt;40, Deduct</i>	-324.21	
26 56 13 00-0016	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,940.48	610.97
		<i>For Galvanized Finish, Add</i>	81.56	
		<i>For &gt;10 To 20, Deduct</i>	-98.51	
		<i>For &gt;20 To 40, Deduct</i>	-197.02	
		<i>For &gt;40, Deduct</i>	-326.08	
26 56 13 00-0017	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,967.71	610.97
		<i>For Galvanized Finish, Add</i>	82.37	
		<i>For &gt;10 To 20, Deduct</i>	-99.19	
		<i>For &gt;20 To 40, Deduct</i>	-198.39	
		<i>For &gt;40, Deduct</i>	-328.13	
26 56 13 00-0018	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	4,519.86	643.12
		<i>For Galvanized Finish, Add</i>	97.01	
		<i>For &gt;10 To 20, Deduct</i>	-113.00	
		<i>For &gt;20 To 40, Deduct</i>	-225.99	
		<i>For &gt;40, Deduct</i>	-371.15	
26 56 13 00-0019	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	4,528.74	643.12
		<i>For Galvanized Finish, Add</i>	97.28	
		<i>For &gt;10 To 20, Deduct</i>	-113.22	
		<i>For &gt;20 To 40, Deduct</i>	-226.44	
		<i>For &gt;40, Deduct</i>	-371.81	
26 56 13 00-0020	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	4,537.52	643.12
		<i>For Galvanized Finish, Add</i>	97.54	
		<i>For &gt;10 To 20, Deduct</i>	-113.44	
		<i>For &gt;20 To 40, Deduct</i>	-226.88	
		<i>For &gt;40, Deduct</i>	-372.47	
26 56 13 00-0021		<b>Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms</b>		
		<small>(26 56 13 00-0005)</small>		
26 56 13 00-0022	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,875.41	450.19
		<i>For Galvanized Finish, Add</i>	89.25	
		<i>For &gt;10 To 20, Deduct</i>	-96.89	
		<i>For &gt;20 To 40, Deduct</i>	-193.77	
		<i>For &gt;40, Deduct</i>	-313.17	
26 56 13 00-0023	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,944.78	466.26
		<i>For Galvanized Finish, Add</i>	90.37	
		<i>For &gt;10 To 20, Deduct</i>	-98.62	
		<i>For &gt;20 To 40, Deduct</i>	-197.24	
		<i>For &gt;40, Deduct</i>	-319.17	
26 56 13 00-0024	EA	20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,004.97	482.34
		<i>For Galvanized Finish, Add</i>	91.21	
		<i>For &gt;10 To 20, Deduct</i>	-100.12	
		<i>For &gt;20 To 40, Deduct</i>	-200.25	
		<i>For &gt;40, Deduct</i>	-324.49	



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 56 13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	3,891.43	578.81
		<i>For Galvanized Finish, Add</i>	82.01	
		<i>For &gt;10 To 20, Deduct</i>	-97.29	
		<i>For &gt;20 To 40, Deduct</i>	-194.57	
		<i>For &gt;40, Deduct</i>	-320.80	
26 56 13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	3,938.35	594.88
		<i>For Galvanized Finish, Add</i>	82.46	
		<i>For &gt;10 To 20, Deduct</i>	-98.46	
		<i>For &gt;20 To 40, Deduct</i>	-196.92	
		<i>For &gt;40, Deduct</i>	-325.12	
26 56 13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	3,976.49	610.97
		<i>For Galvanized Finish, Add</i>	82.64	
		<i>For &gt;10 To 20, Deduct</i>	-99.41	
		<i>For &gt;20 To 40, Deduct</i>	-198.82	
		<i>For &gt;40, Deduct</i>	-328.79	
26 56 13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,202.42	643.12
		<i>For Galvanized Finish, Add</i>	87.49	
		<i>For &gt;10 To 20, Deduct</i>	-105.06	
		<i>For &gt;20 To 40, Deduct</i>	-210.12	
		<i>For &gt;40, Deduct</i>	-347.34	
26 56 13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,243.55	659.20
		<i>For Galvanized Finish, Add</i>	87.75	
		<i>For &gt;10 To 20, Deduct</i>	-106.09	
		<i>For &gt;20 To 40, Deduct</i>	-212.18	
		<i>For &gt;40, Deduct</i>	-351.23	
26 56 13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,281.39	675.28
		<i>For Galvanized Finish, Add</i>	87.93	
		<i>For &gt;10 To 20, Deduct</i>	-107.03	
		<i>For &gt;20 To 40, Deduct</i>	-214.07	
		<i>For &gt;40, Deduct</i>	-354.87	
26 56 13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,457.77	675.28
		<i>For Galvanized Finish, Add</i>	93.22	
		<i>For &gt;10 To 20, Deduct</i>	-111.44	
		<i>For &gt;20 To 40, Deduct</i>	-222.89	
		<i>For &gt;40, Deduct</i>	-368.10	
26 56 13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,528.54	691.35
		<i>For Galvanized Finish, Add</i>	94.37	
		<i>For &gt;10 To 20, Deduct</i>	-113.21	
		<i>For &gt;20 To 40, Deduct</i>	-226.43	
		<i>For &gt;40, Deduct</i>	-374.21	
26 56 13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,597.31	707.44
		<i>For Galvanized Finish, Add</i>	95.47	
		<i>For &gt;10 To 20, Deduct</i>	-114.93	
		<i>For &gt;20 To 40, Deduct</i>	-229.87	
		<i>For &gt;40, Deduct</i>	-380.17	
26 56 13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,027.78	707.44
		<i>For Galvanized Finish, Add</i>	108.39	
		<i>For &gt;10 To 20, Deduct</i>	-125.69	
		<i>For &gt;20 To 40, Deduct</i>	-251.39	
		<i>For &gt;40, Deduct</i>	-412.46	
26 56 13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,065.73	723.51
		<i>For Galvanized Finish, Add</i>	108.56	
		<i>For &gt;10 To 20, Deduct</i>	-126.64	
		<i>For &gt;20 To 40, Deduct</i>	-253.29	
		<i>For &gt;40, Deduct</i>	-416.11	
26 56 13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,103.87	739.59
		<i>For Galvanized Finish, Add</i>	108.74	
		<i>For &gt;10 To 20, Deduct</i>	-127.60	
		<i>For &gt;20 To 40, Deduct</i>	-255.19	
		<i>For &gt;40, Deduct</i>	-419.77	

26 56 13 00-0037 Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms (26 56 13 00-0005)

26 56 13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,566.95	643.12
		<i>For Galvanized Finish, Add</i>	98.42	
		<i>For &gt;10 To 20, Deduct</i>	-114.17	
		<i>For &gt;20 To 40, Deduct</i>	-228.35	
		<i>For &gt;40, Deduct</i>	-374.68	



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0039	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,637.15	675.28
		<i>For Galvanized Finish, Add</i>	98.60	
		<i>For &gt;10 To 20, Deduct</i>	-115.93	
		<i>For &gt;20 To 40, Deduct</i>	-231.86	
		<i>For &gt;40, Deduct</i>	-381.55	
26 56 13 00-0040	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,716.12	707.44
		<i>For Galvanized Finish, Add</i>	99.04	
		<i>For &gt;10 To 20, Deduct</i>	-117.90	
		<i>For &gt;20 To 40, Deduct</i>	-235.81	
		<i>For &gt;40, Deduct</i>	-389.08	
26 56 13 00-0041	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,842.62	707.44
		<i>For Galvanized Finish, Add</i>	102.83	
		<i>For &gt;10 To 20, Deduct</i>	-121.07	
		<i>For &gt;20 To 40, Deduct</i>	-242.13	
		<i>For &gt;40, Deduct</i>	-398.57	
26 56 13 00-0042	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	4,915.61	739.59
		<i>For Galvanized Finish, Add</i>	103.09	
		<i>For &gt;10 To 20, Deduct</i>	-122.89	
		<i>For &gt;20 To 40, Deduct</i>	-245.78	
		<i>For &gt;40, Deduct</i>	-405.65	
26 56 13 00-0043	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	4,985.82	771.75
		<i>For Galvanized Finish, Add</i>	103.27	
		<i>For &gt;10 To 20, Deduct</i>	-124.65	
		<i>For &gt;20 To 40, Deduct</i>	-249.29	
		<i>For &gt;40, Deduct</i>	-412.52	
26 56 13 00-0044	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,147.76	739.59
		<i>For Galvanized Finish, Add</i>	110.06	
		<i>For &gt;10 To 20, Deduct</i>	-128.69	
		<i>For &gt;20 To 40, Deduct</i>	-257.39	
		<i>For &gt;40, Deduct</i>	-423.06	
26 56 13 00-0045	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,217.97	771.75
		<i>For Galvanized Finish, Add</i>	110.23	
		<i>For &gt;10 To 20, Deduct</i>	-130.45	
		<i>For &gt;20 To 40, Deduct</i>	-260.90	
		<i>For &gt;40, Deduct</i>	-429.94	
26 56 13 00-0046	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,288.16	803.90
		<i>For Galvanized Finish, Add</i>	110.41	
		<i>For &gt;10 To 20, Deduct</i>	-132.20	
		<i>For &gt;20 To 40, Deduct</i>	-264.41	
		<i>For &gt;40, Deduct</i>	-436.81	
26 56 13 00-0047	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	5,535.71	771.75
		<i>For Galvanized Finish, Add</i>	119.77	
		<i>For &gt;10 To 20, Deduct</i>	-138.39	
		<i>For &gt;20 To 40, Deduct</i>	-276.79	
		<i>For &gt;40, Deduct</i>	-453.77	
26 56 13 00-0048	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	5,605.61	803.90
		<i>For Galvanized Finish, Add</i>	119.93	
		<i>For &gt;10 To 20, Deduct</i>	-140.14	
		<i>For &gt;20 To 40, Deduct</i>	-280.28	
		<i>For &gt;40, Deduct</i>	-460.62	
26 56 13 00-0049	EA	40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	5,681.69	836.06
		<i>For Galvanized Finish, Add</i>	120.29	
		<i>For &gt;10 To 20, Deduct</i>	-142.04	
		<i>For &gt;20 To 40, Deduct</i>	-284.08	
		<i>For &gt;40, Deduct</i>	-467.93	
26 56 13 00-0050		<b>Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms</b> <small>(26 56 13 00-0005)</small>		
26 56 13 00-0051	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,077.77	707.44
		<i>For Galvanized Finish, Add</i>	109.89	
		<i>For &gt;10 To 20, Deduct</i>	-126.94	
		<i>For &gt;20 To 40, Deduct</i>	-253.89	
		<i>For &gt;40, Deduct</i>	-416.20	
26 56 13 00-0052	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,183.01	755.67
		<i>For Galvanized Finish, Add</i>	110.15	
		<i>For &gt;10 To 20, Deduct</i>	-129.58	
		<i>For &gt;20 To 40, Deduct</i>	-259.15	
		<i>For &gt;40, Deduct</i>	-426.51	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 56 13 00-0053	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,285.27	803.90
			<i>For Galvanized Finish, Add</i>	110.32	
			<i>For &gt;10 To 20, Deduct</i>	-132.13	
			<i>For &gt;20 To 40, Deduct</i>	-264.26	
			<i>For &gt;40, Deduct</i>	-436.59	
26 56 13 00-0054	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,389.46	771.75
			<i>For Galvanized Finish, Add</i>	115.38	
			<i>For &gt;10 To 20, Deduct</i>	-134.74	
			<i>For &gt;20 To 40, Deduct</i>	-269.47	
			<i>For &gt;40, Deduct</i>	-442.80	
26 56 13 00-0055	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,492.12	819.98
			<i>For Galvanized Finish, Add</i>	115.56	
			<i>For &gt;10 To 20, Deduct</i>	-137.30	
			<i>For &gt;20 To 40, Deduct</i>	-274.61	
			<i>For &gt;40, Deduct</i>	-452.91	
26 56 13 00-0056	EA		30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,560.84	868.22
			<i>For Galvanized Finish, Add</i>	114.73	
			<i>For &gt;10 To 20, Deduct</i>	-139.02	
			<i>For &gt;20 To 40, Deduct</i>	-278.04	
			<i>For &gt;40, Deduct</i>	-460.47	
26 56 13 00-0057	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,787.88	803.90
			<i>For Galvanized Finish, Add</i>	125.40	
			<i>For &gt;10 To 20, Deduct</i>	-144.70	
			<i>For &gt;20 To 40, Deduct</i>	-289.39	
			<i>For &gt;40, Deduct</i>	-474.29	
26 56 13 00-0058	EA		35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,930.24	852.13
			<i>For Galvanized Finish, Add</i>	126.78	
			<i>For &gt;10 To 20, Deduct</i>	-148.26	
			<i>For &gt;20 To 40, Deduct</i>	-296.51	
			<i>For &gt;40, Deduct</i>	-487.37	
26 56 13 00-0059	EA		35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,995.68	900.37
			<i>For Galvanized Finish, Add</i>	125.85	
			<i>For &gt;10 To 20, Deduct</i>	-149.89	
			<i>For &gt;20 To 40, Deduct</i>	-299.78	
			<i>For &gt;40, Deduct</i>	-494.69	
26 56 13 00-0060	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,043.33	836.06
			<i>For Galvanized Finish, Add</i>	131.14	
			<i>For &gt;10 To 20, Deduct</i>	-151.08	
			<i>For &gt;20 To 40, Deduct</i>	-302.17	
			<i>For &gt;40, Deduct</i>	-495.05	
26 56 13 00-0061	EA		40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,145.59	884.29
			<i>For Galvanized Finish, Add</i>	131.31	
			<i>For &gt;10 To 20, Deduct</i>	-153.64	
			<i>For &gt;20 To 40, Deduct</i>	-307.28	
			<i>For &gt;40, Deduct</i>	-505.13	
26 56 13 00-0062	EA		40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,250.84	932.53
			<i>For Galvanized Finish, Add</i>	131.57	
			<i>For &gt;10 To 20, Deduct</i>	-156.27	
			<i>For &gt;20 To 40, Deduct</i>	-312.54	
			<i>For &gt;40, Deduct</i>	-515.44	

26 56 13 00-0063 Round Tapered, Steel Roadway Light Poles With Davit Style Arm (26 56 13 00-0004)

26 56 13 00-0064 Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm (26 56 13 00-0063)

26 56 13 00-0065	EA		25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,627.63	514.50
			<i>For Galvanized Finish, Add</i>	77.96	
			<i>For &gt;10 To 20, Deduct</i>	-90.69	
			<i>For &gt;20 To 40, Deduct</i>	-181.38	
			<i>For &gt;40, Deduct</i>	-297.80	
26 56 13 00-0066	EA		30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,104.53	578.81
			<i>For Galvanized Finish, Add</i>	88.41	
			<i>For &gt;10 To 20, Deduct</i>	-102.61	
			<i>For &gt;20 To 40, Deduct</i>	-205.23	
			<i>For &gt;40, Deduct</i>	-336.78	
26 56 13 00-0067	EA		35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,217.32	610.97
			<i>For Galvanized Finish, Add</i>	89.86	
			<i>For &gt;10 To 20, Deduct</i>	-105.43	
			<i>For &gt;20 To 40, Deduct</i>	-210.87	
			<i>For &gt;40, Deduct</i>	-346.85	





<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0068	EA		40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	5,025.46	643.12
			<i>For Galvanized Finish, Add</i>	112.18	
			<i>For &gt;10 To 20, Deduct</i>	-125.64	
			<i>For &gt;20 To 40, Deduct</i>	-251.27	
			<i>For &gt;40, Deduct</i>	-409.07	
26 56 13 00-0069			Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070			Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,667.86	514.50
			<i>For Galvanized Finish, Add</i>	109.17	
			<i>For &gt;10 To 20, Deduct</i>	-116.70	
			<i>For &gt;20 To 40, Deduct</i>	-233.39	
			<i>For &gt;40, Deduct</i>	-375.81	
26 56 13 00-0072	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,712.46	514.50
			<i>For Galvanized Finish, Add</i>	110.50	
			<i>For &gt;10 To 20, Deduct</i>	-117.81	
			<i>For &gt;20 To 40, Deduct</i>	-235.62	
			<i>For &gt;40, Deduct</i>	-379.16	
26 56 13 00-0073	EA		25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,732.81	514.50
			<i>For Galvanized Finish, Add</i>	111.11	
			<i>For &gt;10 To 20, Deduct</i>	-118.32	
			<i>For &gt;20 To 40, Deduct</i>	-236.64	
			<i>For &gt;40, Deduct</i>	-380.69	
26 56 13 00-0074	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,841.08	578.81
			<i>For Galvanized Finish, Add</i>	110.50	
			<i>For &gt;10 To 20, Deduct</i>	-121.03	
			<i>For &gt;20 To 40, Deduct</i>	-242.05	
			<i>For &gt;40, Deduct</i>	-392.02	
26 56 13 00-0075	EA		30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,848.86	578.81
			<i>For Galvanized Finish, Add</i>	110.74	
			<i>For &gt;10 To 20, Deduct</i>	-121.22	
			<i>For &gt;20 To 40, Deduct</i>	-242.44	
			<i>For &gt;40, Deduct</i>	-392.61	
26 56 13 00-0076	EA		30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	4,929.27	578.81
			<i>For Galvanized Finish, Add</i>	113.15	
			<i>For &gt;10 To 20, Deduct</i>	-123.23	
			<i>For &gt;20 To 40, Deduct</i>	-246.46	
			<i>For &gt;40, Deduct</i>	-398.64	
26 56 13 00-0077	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base	4,931.82	610.97
			<i>For Galvanized Finish, Add</i>	111.30	
			<i>For &gt;10 To 20, Deduct</i>	-123.30	
			<i>For &gt;20 To 40, Deduct</i>	-246.59	
			<i>For &gt;40, Deduct</i>	-400.43	
26 56 13 00-0078	EA		35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base	4,978.91	610.97
			<i>For Galvanized Finish, Add</i>	112.71	
			<i>For &gt;10 To 20, Deduct</i>	-124.47	
			<i>For &gt;20 To 40, Deduct</i>	-248.95	
			<i>For &gt;40, Deduct</i>	-403.97	
26 56 13 00-0079	EA		35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base	5,225.83	610.97
			<i>For Galvanized Finish, Add</i>	120.12	
			<i>For &gt;10 To 20, Deduct</i>	-130.65	
			<i>For &gt;20 To 40, Deduct</i>	-261.29	
			<i>For &gt;40, Deduct</i>	-422.49	
26 56 13 00-0080			Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		
26 56 13 00-0081	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,111.49	643.12
			<i>For Galvanized Finish, Add</i>	144.76	
			<i>For &gt;10 To 20, Deduct</i>	-152.79	
			<i>For &gt;20 To 40, Deduct</i>	-305.57	
			<i>For &gt;40, Deduct</i>	-490.52	
26 56 13 00-0082	EA		25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,218.50	675.28
			<i>For Galvanized Finish, Add</i>	146.04	
			<i>For &gt;10 To 20, Deduct</i>	-155.46	
			<i>For &gt;20 To 40, Deduct</i>	-310.93	
			<i>For &gt;40, Deduct</i>	-500.15	

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0083	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,450.41	707.44
		<i>For Galvanized Finish, Add</i>	151.07	
		<i>For &gt;10 To 20, Deduct</i>	-161.26	
		<i>For &gt;20 To 40, Deduct</i>	-322.52	
		<i>For &gt;40, Deduct</i>	-519.15	
26 56 13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,215.37	707.44
		<i>For Galvanized Finish, Add</i>	144.02	
		<i>For &gt;10 To 20, Deduct</i>	-155.38	
		<i>For &gt;20 To 40, Deduct</i>	-310.77	
		<i>For &gt;40, Deduct</i>	-501.52	
26 56 13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,500.25	739.59
		<i>For Galvanized Finish, Add</i>	150.63	
		<i>For &gt;10 To 20, Deduct</i>	-162.51	
		<i>For &gt;20 To 40, Deduct</i>	-325.01	
		<i>For &gt;40, Deduct</i>	-524.50	
26 56 13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	6,673.11	771.75
		<i>For Galvanized Finish, Add</i>	153.89	
		<i>For &gt;10 To 20, Deduct</i>	-166.83	
		<i>For &gt;20 To 40, Deduct</i>	-333.66	
		<i>For &gt;40, Deduct</i>	-539.07	
26 56 13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,402.88	739.59
		<i>For Galvanized Finish, Add</i>	147.71	
		<i>For &gt;10 To 20, Deduct</i>	-160.07	
		<i>For &gt;20 To 40, Deduct</i>	-320.14	
		<i>For &gt;40, Deduct</i>	-517.20	
26 56 13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	6,781.86	771.75
		<i>For Galvanized Finish, Add</i>	157.15	
		<i>For &gt;10 To 20, Deduct</i>	-169.55	
		<i>For &gt;20 To 40, Deduct</i>	-339.09	
		<i>For &gt;40, Deduct</i>	-547.23	
26 56 13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,007.78	803.90
		<i>For Galvanized Finish, Add</i>	162.00	
		<i>For &gt;10 To 20, Deduct</i>	-175.19	
		<i>For &gt;20 To 40, Deduct</i>	-350.39	
		<i>For &gt;40, Deduct</i>	-565.78	
26 56 13 00-0090		<b>Aluminum Roadway Light Poles</b> <small>(26 56 13 00-0002)</small>		
		Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56 13 00-0091		<b>Round Tapered, Aluminum Roadway Light Poles</b> <small>(26 56 13 00-0090)</small>		
26 56 13 00-0092		<b>Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms</b> <small>(26 56 13 00-0091)</small>		
26 56 13 00-0093		<b>Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm</b> <small>(26 56 13 00-0092)</small>		
26 56 13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,810.83	385.87
		<i>For &gt;10 To 20, Deduct</i>	-70.27	
		<i>For &gt;20 To 40, Deduct</i>	-140.54	
		<i>For &gt;40, Deduct</i>	-230.11	
26 56 13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,835.51	385.87
		<i>For &gt;10 To 20, Deduct</i>	-70.89	
		<i>For &gt;20 To 40, Deduct</i>	-141.78	
		<i>For &gt;40, Deduct</i>	-231.96	
26 56 13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,440.67	514.50
		<i>For &gt;10 To 20, Deduct</i>	-86.02	
		<i>For &gt;20 To 40, Deduct</i>	-172.03	
		<i>For &gt;40, Deduct</i>	-283.78	
26 56 13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,487.30	514.50
		<i>For &gt;10 To 20, Deduct</i>	-87.18	
		<i>For &gt;20 To 40, Deduct</i>	-174.37	
		<i>For &gt;40, Deduct</i>	-287.27	
26 56 13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,530.20	514.50
		<i>For &gt;10 To 20, Deduct</i>	-88.26	
		<i>For &gt;20 To 40, Deduct</i>	-176.51	
		<i>For &gt;40, Deduct</i>	-290.49	
26 56 13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,950.88	578.81
		<i>For &gt;10 To 20, Deduct</i>	-98.77	
		<i>For &gt;20 To 40, Deduct</i>	-197.54	
		<i>For &gt;40, Deduct</i>	-325.26	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0100	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,990.23	578.81
			<i>For &gt;10 To 20, Deduct</i>	-99.76	
			<i>For &gt;20 To 40, Deduct</i>	-199.51	
			<i>For &gt;40, Deduct</i>	-328.21	
26 56 13 00-0101	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,034.24	578.81
			<i>For &gt;10 To 20, Deduct</i>	-100.86	
			<i>For &gt;20 To 40, Deduct</i>	-201.71	
			<i>For &gt;40, Deduct</i>	-331.51	
26 56 13 00-0102	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,637.76	610.97
			<i>For &gt;10 To 20, Deduct</i>	-115.94	
			<i>For &gt;20 To 40, Deduct</i>	-231.89	
			<i>For &gt;40, Deduct</i>	-378.38	
26 56 13 00-0103	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,677.01	610.97
			<i>For &gt;10 To 20, Deduct</i>	-116.93	
			<i>For &gt;20 To 40, Deduct</i>	-233.85	
			<i>For &gt;40, Deduct</i>	-381.32	
26 56 13 00-0104	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,709.89	610.97
			<i>For &gt;10 To 20, Deduct</i>	-117.75	
			<i>For &gt;20 To 40, Deduct</i>	-235.49	
			<i>For &gt;40, Deduct</i>	-383.79	
<b>26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms</b>					
<i>(26 56 13 00-0092)</i>					
26 56 13 00-0106	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,219.67	450.19
			<i>For &gt;10 To 20, Deduct</i>	-80.49	
			<i>For &gt;20 To 40, Deduct</i>	-160.98	
			<i>For &gt;40, Deduct</i>	-263.98	
26 56 13 00-0107	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,461.56	450.19
			<i>For &gt;10 To 20, Deduct</i>	-86.54	
			<i>For &gt;20 To 40, Deduct</i>	-173.08	
			<i>For &gt;40, Deduct</i>	-282.13	
26 56 13 00-0108	EA		20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,573.02	482.34
			<i>For &gt;10 To 20, Deduct</i>	-89.33	
			<i>For &gt;20 To 40, Deduct</i>	-178.65	
			<i>For &gt;40, Deduct</i>	-292.09	
26 56 13 00-0109	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,836.26	578.81
			<i>For &gt;10 To 20, Deduct</i>	-95.91	
			<i>For &gt;20 To 40, Deduct</i>	-191.81	
			<i>For &gt;40, Deduct</i>	-316.66	
26 56 13 00-0110	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,022.38	594.88
			<i>For &gt;10 To 20, Deduct</i>	-100.56	
			<i>For &gt;20 To 40, Deduct</i>	-201.12	
			<i>For &gt;40, Deduct</i>	-331.42	
26 56 13 00-0111	EA		25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,291.78	610.97
			<i>For &gt;10 To 20, Deduct</i>	-107.29	
			<i>For &gt;20 To 40, Deduct</i>	-214.59	
			<i>For &gt;40, Deduct</i>	-352.43	
26 56 13 00-0112	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,431.25	643.12
			<i>For &gt;10 To 20, Deduct</i>	-110.78	
			<i>For &gt;20 To 40, Deduct</i>	-221.56	
			<i>For &gt;40, Deduct</i>	-364.50	
26 56 13 00-0113	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,606.25	659.20
			<i>For &gt;10 To 20, Deduct</i>	-115.16	
			<i>For &gt;20 To 40, Deduct</i>	-230.31	
			<i>For &gt;40, Deduct</i>	-378.43	
26 56 13 00-0114	EA		30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,820.30	675.28
			<i>For &gt;10 To 20, Deduct</i>	-120.51	
			<i>For &gt;20 To 40, Deduct</i>	-241.02	
			<i>For &gt;40, Deduct</i>	-395.29	
26 56 13 00-0115	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	5,034.26	675.28
			<i>For &gt;10 To 20, Deduct</i>	-125.86	
			<i>For &gt;20 To 40, Deduct</i>	-251.71	
			<i>For &gt;40, Deduct</i>	-411.33	
26 56 13 00-0116	EA		35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	5,511.75	691.35
			<i>For &gt;10 To 20, Deduct</i>	-137.79	
			<i>For &gt;20 To 40, Deduct</i>	-275.59	
			<i>For &gt;40, Deduct</i>	-447.95	



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0117	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	.....	6,067.43	707.44
		<i>For &gt;10 To 20, Deduct</i>		-151.69	
		<i>For &gt;20 To 40, Deduct</i>		-303.37	
		<i>For &gt;40, Deduct</i>		-490.43	
<b>26 56 13 00-0118 Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms</b> <small>(26 56 13 00-0092)</small>					
26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	3,737.69	514.50
		<i>For &gt;10 To 20, Deduct</i>		-93.44	
		<i>For &gt;20 To 40, Deduct</i>		-186.88	
		<i>For &gt;40, Deduct</i>		-306.05	
26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	3,997.65	546.66
		<i>For &gt;10 To 20, Deduct</i>		-99.94	
		<i>For &gt;20 To 40, Deduct</i>		-199.88	
		<i>For &gt;40, Deduct</i>		-327.16	
26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	4,542.63	643.12
		<i>For &gt;10 To 20, Deduct</i>		-113.57	
		<i>For &gt;20 To 40, Deduct</i>		-227.13	
		<i>For &gt;40, Deduct</i>		-372.85	
26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	4,736.33	675.28
		<i>For &gt;10 To 20, Deduct</i>		-118.41	
		<i>For &gt;20 To 40, Deduct</i>		-236.82	
		<i>For &gt;40, Deduct</i>		-388.99	
26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	4,960.18	707.44
		<i>For &gt;10 To 20, Deduct</i>		-124.00	
		<i>For &gt;20 To 40, Deduct</i>		-248.01	
		<i>For &gt;40, Deduct</i>		-407.39	
26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	5,135.87	739.59
		<i>For &gt;10 To 20, Deduct</i>		-128.40	
		<i>For &gt;20 To 40, Deduct</i>		-256.79	
		<i>For &gt;40, Deduct</i>		-422.17	
26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	.....	5,367.54	739.59
		<i>For &gt;10 To 20, Deduct</i>		-134.19	
		<i>For &gt;20 To 40, Deduct</i>		-268.38	
		<i>For &gt;40, Deduct</i>		-439.54	
26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base	.....	5,842.99	771.75
		<i>For &gt;10 To 20, Deduct</i>		-146.07	
		<i>For &gt;20 To 40, Deduct</i>		-292.15	
		<i>For &gt;40, Deduct</i>		-476.81	
26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base	.....	11,513.72	803.90
		<i>For &gt;10 To 20, Deduct</i>		-287.84	
		<i>For &gt;20 To 40, Deduct</i>		-575.69	
		<i>For &gt;40, Deduct</i>		-903.72	
<b>26 56 13 00-0128 Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms</b> <small>(26 56 13 00-0092)</small>					
26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	.....	3,865.70	578.81
		<i>For &gt;10 To 20, Deduct</i>		-96.64	
		<i>For &gt;20 To 40, Deduct</i>		-193.29	
		<i>For &gt;40, Deduct</i>		-318.87	
26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	.....	4,013.81	578.81
		<i>For &gt;10 To 20, Deduct</i>		-100.35	
		<i>For &gt;20 To 40, Deduct</i>		-200.69	
		<i>For &gt;40, Deduct</i>		-329.98	
26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	.....	4,969.39	707.44
		<i>For &gt;10 To 20, Deduct</i>		-124.23	
		<i>For &gt;20 To 40, Deduct</i>		-248.47	
		<i>For &gt;40, Deduct</i>		-408.08	
26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	.....	5,381.59	755.67
		<i>For &gt;10 To 20, Deduct</i>		-134.54	
		<i>For &gt;20 To 40, Deduct</i>		-269.08	
		<i>For &gt;40, Deduct</i>		-441.40	
26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	.....	5,615.47	771.75
		<i>For &gt;10 To 20, Deduct</i>		-140.39	
		<i>For &gt;20 To 40, Deduct</i>		-280.77	
		<i>For &gt;40, Deduct</i>		-459.75	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,994.90	819.98
			<i>For &gt;10 To 20, Deduct</i>	-149.87	
			<i>For &gt;20 To 40, Deduct</i>	-299.75	
			<i>For &gt;40, Deduct</i>	-490.62	
26 56	13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,914.59	803.90
			<i>For &gt;10 To 20, Deduct</i>	-147.86	
			<i>For &gt;20 To 40, Deduct</i>	-295.73	
			<i>For &gt;40, Deduct</i>	-483.79	
26 56	13 00-0136	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,736.11	852.13
			<i>For &gt;10 To 20, Deduct</i>	-168.40	
			<i>For &gt;20 To 40, Deduct</i>	-336.81	
			<i>For &gt;40, Deduct</i>	-547.82	
26 56	13 00-0137	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	7,461.62	900.37
			<i>For &gt;10 To 20, Deduct</i>	-186.54	
			<i>For &gt;20 To 40, Deduct</i>	-373.08	
			<i>For &gt;40, Deduct</i>	-604.64	
26 56	13 00-0138		<b>Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms</b> <small>(26 56 13 00-0091)</small>		
26 56	13 00-0139		<b>Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm</b> <small>(26 56 13 00-0138)</small>		
26 56	13 00-0140	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,125.96	514.50
			<i>For &gt;10 To 20, Deduct</i>	-103.15	
			<i>For &gt;20 To 40, Deduct</i>	-206.30	
			<i>For &gt;40, Deduct</i>	-335.17	
26 56	13 00-0141	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,158.94	514.50
			<i>For &gt;10 To 20, Deduct</i>	-103.97	
			<i>For &gt;20 To 40, Deduct</i>	-207.95	
			<i>For &gt;40, Deduct</i>	-337.65	
26 56	13 00-0142	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,243.21	514.50
			<i>For &gt;10 To 20, Deduct</i>	-106.08	
			<i>For &gt;20 To 40, Deduct</i>	-212.16	
			<i>For &gt;40, Deduct</i>	-343.97	
26 56	13 00-0143	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,369.66	514.50
			<i>For &gt;10 To 20, Deduct</i>	-109.24	
			<i>For &gt;20 To 40, Deduct</i>	-218.48	
			<i>For &gt;40, Deduct</i>	-353.45	
26 56	13 00-0144	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,645.58	578.81
			<i>For &gt;10 To 20, Deduct</i>	-116.14	
			<i>For &gt;20 To 40, Deduct</i>	-232.28	
			<i>For &gt;40, Deduct</i>	-377.36	
26 56	13 00-0145	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,719.94	578.81
			<i>For &gt;10 To 20, Deduct</i>	-118.00	
			<i>For &gt;20 To 40, Deduct</i>	-236.00	
			<i>For &gt;40, Deduct</i>	-382.94	
26 56	13 00-0146	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,799.25	578.81
			<i>For &gt;10 To 20, Deduct</i>	-119.98	
			<i>For &gt;20 To 40, Deduct</i>	-239.96	
			<i>For &gt;40, Deduct</i>	-388.88	
26 56	13 00-0147	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,277.66	578.81
			<i>For &gt;10 To 20, Deduct</i>	-131.94	
			<i>For &gt;20 To 40, Deduct</i>	-263.88	
			<i>For &gt;40, Deduct</i>	-424.77	
26 56	13 00-0148	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	5,050.11	610.97
			<i>For &gt;10 To 20, Deduct</i>	-126.25	
			<i>For &gt;20 To 40, Deduct</i>	-252.51	
			<i>For &gt;40, Deduct</i>	-409.31	
26 56	13 00-0149	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,663.98	610.97
			<i>For &gt;10 To 20, Deduct</i>	-141.60	
			<i>For &gt;20 To 40, Deduct</i>	-283.20	
			<i>For &gt;40, Deduct</i>	-455.35	
26 56	13 00-0150	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,723.76	610.97
			<i>For &gt;10 To 20, Deduct</i>	-143.09	
			<i>For &gt;20 To 40, Deduct</i>	-286.19	
			<i>For &gt;40, Deduct</i>	-459.83	
26 56	13 00-0151	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	6,103.33	610.97
			<i>For &gt;10 To 20, Deduct</i>	-152.58	
			<i>For &gt;20 To 40, Deduct</i>	-305.17	
			<i>For &gt;40, Deduct</i>	-488.30	



**26 Electrical**

**26 50 Lighting**

**26 56 Exterior Lighting**



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0152	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	6,449.52	610.97
		<i>For &gt;10 To 20, Deduct</i>	-161.24	
		<i>For &gt;20 To 40, Deduct</i>	-322.48	
		<i>For &gt;40, Deduct</i>	-514.26	
<b>26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms</b> <small>(26 56 13 00-0138)</small>				
26 56 13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,358.22	643.12
		<i>For &gt;10 To 20, Deduct</i>	-133.96	
		<i>For &gt;20 To 40, Deduct</i>	-267.91	
		<i>For &gt;40, Deduct</i>	-434.02	
26 56 13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,506.80	675.28
		<i>For &gt;10 To 20, Deduct</i>	-137.67	
		<i>For &gt;20 To 40, Deduct</i>	-275.34	
		<i>For &gt;40, Deduct</i>	-446.77	
26 56 13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,625.34	707.44
		<i>For &gt;10 To 20, Deduct</i>	-140.63	
		<i>For &gt;20 To 40, Deduct</i>	-281.27	
		<i>For &gt;40, Deduct</i>	-457.27	
26 56 13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,769.80	707.44
		<i>For &gt;10 To 20, Deduct</i>	-144.25	
		<i>For &gt;20 To 40, Deduct</i>	-288.49	
		<i>For &gt;40, Deduct</i>	-468.11	
26 56 13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,273.37	739.59
		<i>For &gt;10 To 20, Deduct</i>	-156.83	
		<i>For &gt;20 To 40, Deduct</i>	-313.67	
		<i>For &gt;40, Deduct</i>	-507.48	
26 56 13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,204.37	771.75
		<i>For &gt;10 To 20, Deduct</i>	-180.11	
		<i>For &gt;20 To 40, Deduct</i>	-360.22	
		<i>For &gt;40, Deduct</i>	-578.92	
26 56 13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,968.47	739.59
		<i>For &gt;10 To 20, Deduct</i>	-174.21	
		<i>For &gt;20 To 40, Deduct</i>	-348.42	
		<i>For &gt;40, Deduct</i>	-559.61	
26 56 13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	7,103.41	771.75
		<i>For &gt;10 To 20, Deduct</i>	-177.59	
		<i>For &gt;20 To 40, Deduct</i>	-355.17	
		<i>For &gt;40, Deduct</i>	-571.34	
26 56 13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	8,649.78	803.90
		<i>For &gt;10 To 20, Deduct</i>	-216.24	
		<i>For &gt;20 To 40, Deduct</i>	-432.49	
		<i>For &gt;40, Deduct</i>	-688.93	
<b>26 56 13 00-0163 Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm</b> <small>(26 56 13 00-0091)</small>				
<b>26 56 13 00-0164 Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm</b> <small>(26 56 13 00-0163)</small>				
26 56 13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,387.26	385.87
		<i>For &gt;10 To 20, Deduct</i>	-84.68	
		<i>For &gt;20 To 40, Deduct</i>	-169.36	
		<i>For &gt;40, Deduct</i>	-273.34	
26 56 13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,480.44	385.87
		<i>For &gt;10 To 20, Deduct</i>	-87.01	
		<i>For &gt;20 To 40, Deduct</i>	-174.02	
		<i>For &gt;40, Deduct</i>	-280.33	
26 56 13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,573.81	385.87
		<i>For &gt;10 To 20, Deduct</i>	-89.35	
		<i>For &gt;20 To 40, Deduct</i>	-178.69	
		<i>For &gt;40, Deduct</i>	-287.33	
26 56 13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	4,025.50	514.50
		<i>For &gt;10 To 20, Deduct</i>	-100.64	
		<i>For &gt;20 To 40, Deduct</i>	-201.28	
		<i>For &gt;40, Deduct</i>	-327.64	
26 56 13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	4,096.52	514.50
		<i>For &gt;10 To 20, Deduct</i>	-102.41	
		<i>For &gt;20 To 40, Deduct</i>	-204.83	
		<i>For &gt;40, Deduct</i>	-332.96	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	4,174.11	514.50
			<i>For &gt;10 To 20, Deduct</i>	-104.35	
			<i>For &gt;20 To 40, Deduct</i>	-208.71	
			<i>For &gt;40, Deduct</i>	-338.78	
26 56	13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base .....	4,543.40	578.81
			<i>For &gt;10 To 20, Deduct</i>	-113.59	
			<i>For &gt;20 To 40, Deduct</i>	-227.17	
			<i>For &gt;40, Deduct</i>	-369.70	
26 56	13 00-0172	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base .....	4,639.81	578.81
			<i>For &gt;10 To 20, Deduct</i>	-116.00	
			<i>For &gt;20 To 40, Deduct</i>	-231.99	
			<i>For &gt;40, Deduct</i>	-376.93	
26 56	13 00-0173	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	4,654.28	578.81
			<i>For &gt;10 To 20, Deduct</i>	-116.36	
			<i>For &gt;20 To 40, Deduct</i>	-232.71	
			<i>For &gt;40, Deduct</i>	-378.01	
26 56	13 00-0174	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base .....	4,950.76	610.97
			<i>For &gt;10 To 20, Deduct</i>	-123.77	
			<i>For &gt;20 To 40, Deduct</i>	-247.54	
			<i>For &gt;40, Deduct</i>	-401.86	
26 56	13 00-0175	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base .....	4,993.05	610.97
			<i>For &gt;10 To 20, Deduct</i>	-124.83	
			<i>For &gt;20 To 40, Deduct</i>	-249.65	
			<i>For &gt;40, Deduct</i>	-405.03	
26 56	13 00-0176	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base .....	5,092.19	610.97
			<i>For &gt;10 To 20, Deduct</i>	-127.30	
			<i>For &gt;20 To 40, Deduct</i>	-254.61	
			<i>For &gt;40, Deduct</i>	-412.46	
26 56	13 00-0177		<b>Area Light Poles</b> <small>(26 56 13 00-0001)</small>		
			Note: Excludes lighting fixtures.		
26 56	13 00-0178		<b>Steel Area Light Poles</b> <small>(26 56 13 00-0177)</small>		
			Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56	13 00-0179		<b>Round Straight, Steel Area Light Poles</b> <small>(26 56 13 00-0178)</small>		
26 56	13 00-0180		<b>Round Straight, Steel Area Light Poles, Anchor Base</b> <small>(26 56 13 00-0179)</small>		
26 56	13 00-0181	EA	10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,647.68	225.09
			<i>For Galvanized Finish, Add</i>	35.92	
			<i>For &gt;10 To 20, Deduct</i>	-59.15	
			<i>For &gt;20 To 40, Deduct</i>	-106.33	
			<i>For &gt;40, Deduct</i>	-224.64	
26 56	13 00-0182	EA	12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,778.34	257.25
			<i>For Galvanized Finish, Add</i>	37.92	
			<i>For &gt;10 To 20, Deduct</i>	-63.42	
			<i>For &gt;20 To 40, Deduct</i>	-114.19	
			<i>For &gt;40, Deduct</i>	-241.03	
26 56	13 00-0183	EA	14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,985.29	289.41
			<i>For Galvanized Finish, Add</i>	42.19	
			<i>For &gt;10 To 20, Deduct</i>	-70.73	
			<i>For &gt;20 To 40, Deduct</i>	-127.39	
			<i>For &gt;40, Deduct</i>	-268.85	
26 56	13 00-0184	EA	16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,198.87	321.56
			<i>For Galvanized Finish, Add</i>	46.67	
			<i>For &gt;10 To 20, Deduct</i>	-78.31	
			<i>For &gt;20 To 40, Deduct</i>	-141.06	
			<i>For &gt;40, Deduct</i>	-297.67	
26 56	13 00-0185	EA	18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,329.53	353.72
			<i>For Galvanized Finish, Add</i>	48.66	
			<i>For &gt;10 To 20, Deduct</i>	-82.57	
			<i>For &gt;20 To 40, Deduct</i>	-148.92	
			<i>For &gt;40, Deduct</i>	-314.06	
26 56	13 00-0186	EA	20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,443.60	385.87
			<i>For Galvanized Finish, Add</i>	50.16	
			<i>For &gt;10 To 20, Deduct</i>	-86.17	
			<i>For &gt;20 To 40, Deduct</i>	-155.62	
			<i>For &gt;40, Deduct</i>	-327.95	
26 56	13 00-0187	EA	10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,733.93	225.09
			<i>For Galvanized Finish, Add</i>	38.51	
			<i>For &gt;10 To 20, Deduct</i>	-62.60	
			<i>For &gt;20 To 40, Deduct</i>	-112.37	
			<i>For &gt;40, Deduct</i>	-237.58	
26 56	13 00-0188	EA	12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,867.90	257.25
			<i>For Galvanized Finish, Add</i>	40.60	
			<i>For &gt;10 To 20, Deduct</i>	-67.00	
			<i>For &gt;20 To 40, Deduct</i>	-120.46	
			<i>For &gt;40, Deduct</i>	-254.46	

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0189	EA		14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,164.41	289.41
			<i>For Galvanized Finish, Add</i>	47.57	
			<i>For &gt;10 To 20, Deduct</i>	-77.89	
			<i>For &gt;20 To 40, Deduct</i>	-139.93	
			<i>For &gt;40, Deduct</i>	-295.72	
26 56 13 00-0190	EA		16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,314.97	321.56
			<i>For Galvanized Finish, Add</i>	50.16	
			<i>For &gt;10 To 20, Deduct</i>	-82.95	
			<i>For &gt;20 To 40, Deduct</i>	-149.19	
			<i>For &gt;40, Deduct</i>	-315.09	
26 56 13 00-0191	EA		18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,455.58	353.72
			<i>For Galvanized Finish, Add</i>	52.44	
			<i>For &gt;10 To 20, Deduct</i>	-87.61	
			<i>For &gt;20 To 40, Deduct</i>	-157.74	
			<i>For &gt;40, Deduct</i>	-332.97	
26 56 13 00-0192	EA		20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,563.02	385.87
			<i>For Galvanized Finish, Add</i>	53.74	
			<i>For &gt;10 To 20, Deduct</i>	-90.94	
			<i>For &gt;20 To 40, Deduct</i>	-163.98	
			<i>For &gt;40, Deduct</i>	-345.87	
26 56 13 00-0193	EA		25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,943.00	514.50
			<i>For Galvanized Finish, Add</i>	57.42	
			<i>For &gt;10 To 20, Deduct</i>	-102.29	
			<i>For &gt;20 To 40, Deduct</i>	-185.43	
			<i>For &gt;40, Deduct</i>	-390.00	
26 56 13 00-0194	EA		10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	1,733.93	225.09
			<i>For Galvanized Finish, Add</i>	38.51	
			<i>For &gt;10 To 20, Deduct</i>	-62.60	
			<i>For &gt;20 To 40, Deduct</i>	-112.37	
			<i>For &gt;40, Deduct</i>	-237.58	
26 56 13 00-0195	EA		12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	1,877.85	257.25
			<i>For Galvanized Finish, Add</i>	40.90	
			<i>For &gt;10 To 20, Deduct</i>	-67.40	
			<i>For &gt;20 To 40, Deduct</i>	-121.16	
			<i>For &gt;40, Deduct</i>	-255.95	
26 56 13 00-0196	EA		14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	2,217.49	289.41
			<i>For Galvanized Finish, Add</i>	49.16	
			<i>For &gt;10 To 20, Deduct</i>	-80.02	
			<i>For &gt;20 To 40, Deduct</i>	-143.65	
			<i>For &gt;40, Deduct</i>	-303.68	
26 56 13 00-0197	EA		16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	2,324.92	321.56
			<i>For Galvanized Finish, Add</i>	50.45	
			<i>For &gt;10 To 20, Deduct</i>	-83.35	
			<i>For &gt;20 To 40, Deduct</i>	-149.88	
			<i>For &gt;40, Deduct</i>	-316.58	
26 56 13 00-0198	EA		18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	2,455.58	353.72
			<i>For Galvanized Finish, Add</i>	52.44	
			<i>For &gt;10 To 20, Deduct</i>	-87.61	
			<i>For &gt;20 To 40, Deduct</i>	-157.74	
			<i>For &gt;40, Deduct</i>	-332.97	
26 56 13 00-0199	EA		20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	2,563.02	385.87
			<i>For Galvanized Finish, Add</i>	53.74	
			<i>For &gt;10 To 20, Deduct</i>	-90.94	
			<i>For &gt;20 To 40, Deduct</i>	-163.98	
			<i>For &gt;40, Deduct</i>	-345.87	
26 56 13 00-0200	EA		25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	3,035.88	514.50
			<i>For Galvanized Finish, Add</i>	60.21	
			<i>For &gt;10 To 20, Deduct</i>	-106.00	
			<i>For &gt;20 To 40, Deduct</i>	-191.93	
			<i>For &gt;40, Deduct</i>	-403.93	
26 56 13 00-0201	EA		30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base .....	3,336.98	578.81
			<i>For Galvanized Finish, Add</i>	65.38	
			<i>For &gt;10 To 20, Deduct</i>	-116.12	
			<i>For &gt;20 To 40, Deduct</i>	-210.44	
			<i>For &gt;40, Deduct</i>	-442.67	
26 56 13 00-0202	EA		20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,775.31	385.87
			<i>For Galvanized Finish, Add</i>	60.11	
			<i>For &gt;10 To 20, Deduct</i>	-99.44	
			<i>For &gt;20 To 40, Deduct</i>	-178.84	
			<i>For &gt;40, Deduct</i>	-377.71	
26 56 13 00-0203	EA		25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	3,079.00	514.50
			<i>For Galvanized Finish, Add</i>	61.50	
			<i>For &gt;10 To 20, Deduct</i>	-107.73	
			<i>For &gt;20 To 40, Deduct</i>	-194.95	
			<i>For &gt;40, Deduct</i>	-410.40	
26 56 13 00-0204	EA		30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	3,419.92	578.81
			<i>For Galvanized Finish, Add</i>	67.87	
			<i>For &gt;10 To 20, Deduct</i>	-119.43	
			<i>For &gt;20 To 40, Deduct</i>	-216.24	
			<i>For &gt;40, Deduct</i>	-455.11	

26 56 13 00-0205 Round Tapered, Steel Area Light Poles (26 56 13 00-0178)

26 56 13 00-0206 Round Tapered, Steel Area Light Poles, Anchor Base (26 56 13 00-0205)



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,524.99 82.60 -129.42 -231.31 -490.16	385.87
26 56	13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,627.82 85.68 -133.54 -238.51 -505.59	385.87
26 56	13 00-0209	EA	25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,110.64 92.45 -148.99 -267.16 -565.15	514.50
26 56	13 00-0210	EA	25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,322.94 98.82 -157.48 -282.03 -596.99	514.50
26 56	13 00-0211	EA	30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,570.98 102.40 -165.47 -296.82 -627.77	578.81
26 56	13 00-0212	EA	30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	4,925.91 113.05 -179.67 -321.66 -681.01	578.81
26 56	13 00-0213	EA	35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,063.20 115.24 -184.20 -329.99 -698.38	610.97
26 56	13 00-0214	EA	35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,282.13 121.81 -192.96 -345.31 -731.22	610.97
26 56	13 00-0215	EA	35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,806.25 137.53 -213.92 -382.00 -809.84	610.97
26 56	13 00-0216	EA	39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,830.75 136.34 -213.94 -382.43 -810.30	643.12
26 56	13 00-0217	EA	39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,923.63 139.12 -217.65 -388.93 -824.23	643.12
26 56	13 00-0218	EA	45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	8,097.45 192.76 -298.82 -533.38 -1,131.01	836.06
26 56	13 00-0219	EA	50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	8,334.80 192.16 -304.45 -544.85 -1,153.75	964.69
26 56	13 00-0220	EA	25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	5,762.59 142.01 -215.07 -382.80 -812.94	514.50
26 56	13 00-0221	EA	30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	6,548.00 161.71 -244.56 -435.21 -924.32	578.81
26 56	13 00-0222	EA	39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	7,618.70 189.97 -285.45 -507.58 -1,078.49	643.12
26 56	13 00-0223	EA	45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	9,132.40 223.81 -340.21 -605.83 -1,286.25	836.06

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0224	EA		50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	10,670.08	964.69
			<i>For Galvanized Finish, Add</i>	262.22	
			<i>For &gt;10 To 20, Deduct</i>	-397.86	
			<i>For &gt;20 To 40, Deduct</i>	-708.32	
			<i>For &gt;40, Deduct</i>	-1,504.04	
26 56 13 00-0225	EA		50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	12,020.16	964.69
			<i>For Galvanized Finish, Add</i>	302.72	
			<i>For &gt;10 To 20, Deduct</i>	-451.87	
			<i>For &gt;20 To 40, Deduct</i>	-802.82	
			<i>For &gt;40, Deduct</i>	-1,706.56	
26 56 13 00-0226	EA		50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	16,531.50	964.69
			<i>For Galvanized Finish, Add</i>	438.06	
			<i>For &gt;10 To 20, Deduct</i>	-632.32	
			<i>For &gt;20 To 40, Deduct</i>	-1,118.62	
			<i>For &gt;40, Deduct</i>	-2,383.26	
26 56 13 00-0227	EA		50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	18,720.82	964.69
			<i>For Galvanized Finish, Add</i>	503.74	
			<i>For &gt;10 To 20, Deduct</i>	-719.89	
			<i>For &gt;20 To 40, Deduct</i>	-1,271.87	
			<i>For &gt;40, Deduct</i>	-2,711.66	
26 56 13 00-0228			Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0229			Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0228)</small>		
26 56 13 00-0230	EA		10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,621.15	225.09
			<i>For Galvanized Finish, Add</i>	35.13	
			<i>For &gt;10 To 20, Deduct</i>	-58.09	
			<i>For &gt;20 To 40, Deduct</i>	-104.48	
			<i>For &gt;40, Deduct</i>	-220.66	
26 56 13 00-0231	EA		12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,685.46	257.25
			<i>For Galvanized Finish, Add</i>	35.13	
			<i>For &gt;10 To 20, Deduct</i>	-59.70	
			<i>For &gt;20 To 40, Deduct</i>	-107.69	
			<i>For &gt;40, Deduct</i>	-227.09	
26 56 13 00-0232	EA		14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,806.16	289.41
			<i>For Galvanized Finish, Add</i>	36.82	
			<i>For &gt;10 To 20, Deduct</i>	-63.56	
			<i>For &gt;20 To 40, Deduct</i>	-114.86	
			<i>For &gt;40, Deduct</i>	-241.98	
26 56 13 00-0233	EA		15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,917.93	305.48
			<i>For Galvanized Finish, Add</i>	39.21	
			<i>For &gt;10 To 20, Deduct</i>	-67.55	
			<i>For &gt;20 To 40, Deduct</i>	-122.04	
			<i>For &gt;40, Deduct</i>	-257.14	
26 56 13 00-0234	EA		16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,950.08	321.56
			<i>For Galvanized Finish, Add</i>	39.21	
			<i>For &gt;10 To 20, Deduct</i>	-68.36	
			<i>For &gt;20 To 40, Deduct</i>	-123.64	
			<i>For &gt;40, Deduct</i>	-260.36	
26 56 13 00-0235	EA		18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,050.89	353.72
			<i>For Galvanized Finish, Add</i>	40.30	
			<i>For &gt;10 To 20, Deduct</i>	-71.42	
			<i>For &gt;20 To 40, Deduct</i>	-129.41	
			<i>For &gt;40, Deduct</i>	-272.26	
26 56 13 00-0236	EA		20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,145.05	385.87
			<i>For Galvanized Finish, Add</i>	41.20	
			<i>For &gt;10 To 20, Deduct</i>	-74.23	
			<i>For &gt;20 To 40, Deduct</i>	-134.72	
			<i>For &gt;40, Deduct</i>	-283.17	
26 56 13 00-0237	EA		25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,601.33	514.50
			<i>For Galvanized Finish, Add</i>	47.17	
			<i>For &gt;10 To 20, Deduct</i>	-88.62	
			<i>For &gt;20 To 40, Deduct</i>	-161.51	
			<i>For &gt;40, Deduct</i>	-338.75	
26 56 13 00-0238	EA		20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,592.87	385.87
			<i>For Galvanized Finish, Add</i>	54.63	
			<i>For &gt;10 To 20, Deduct</i>	-92.14	
			<i>For &gt;20 To 40, Deduct</i>	-166.07	
			<i>For &gt;40, Deduct</i>	-350.34	
26 56 13 00-0239	EA		25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,218.33	514.50
			<i>For Galvanized Finish, Add</i>	65.68	
			<i>For &gt;10 To 20, Deduct</i>	-113.30	
			<i>For &gt;20 To 40, Deduct</i>	-204.70	
			<i>For &gt;40, Deduct</i>	-431.30	
26 56 13 00-0240	EA		30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,708.52	578.81
			<i>For Galvanized Finish, Add</i>	76.53	
			<i>For &gt;10 To 20, Deduct</i>	-130.98	
			<i>For &gt;20 To 40, Deduct</i>	-236.44	
			<i>For &gt;40, Deduct</i>	-498.40	
26 56 13 00-0241	EA		20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,470.14	385.87
			<i>For Galvanized Finish, Add</i>	50.95	
			<i>For &gt;10 To 20, Deduct</i>	-87.23	
			<i>For &gt;20 To 40, Deduct</i>	-157.47	
			<i>For &gt;40, Deduct</i>	-331.93	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0242	EA		25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,979.49	514.50
			<i>For Galvanized Finish, Add</i>	58.51	
			<i>For &gt;10 To 20, Deduct</i>	-103.74	
			<i>For &gt;20 To 40, Deduct</i>	-187.98	
			<i>For &gt;40, Deduct</i>	-395.47	
26 56 13 00-0243	EA		30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,502.85	578.81
			<i>For Galvanized Finish, Add</i>	70.36	
			<i>For &gt;10 To 20, Deduct</i>	-122.75	
			<i>For &gt;20 To 40, Deduct</i>	-222.05	
			<i>For &gt;40, Deduct</i>	-467.55	
26 56 13 00-0244	EA		20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,891.42	385.87
			<i>For Galvanized Finish, Add</i>	63.59	
			<i>For &gt;10 To 20, Deduct</i>	-104.08	
			<i>For &gt;20 To 40, Deduct</i>	-186.96	
			<i>For &gt;40, Deduct</i>	-395.13	
26 56 13 00-0245	EA		25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,516.87	514.50
			<i>For Galvanized Finish, Add</i>	74.64	
			<i>For &gt;10 To 20, Deduct</i>	-125.24	
			<i>For &gt;20 To 40, Deduct</i>	-225.60	
			<i>For &gt;40, Deduct</i>	-476.08	
26 56 13 00-0246	EA		30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,990.47	578.81
			<i>For Galvanized Finish, Add</i>	84.99	
			<i>For &gt;10 To 20, Deduct</i>	-142.25	
			<i>For &gt;20 To 40, Deduct</i>	-256.18	
			<i>For &gt;40, Deduct</i>	-540.69	
26 56 13 00-0247	EA		35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	4,466.11	610.97
			<i>For Galvanized Finish, Add</i>	97.33	
			<i>For &gt;10 To 20, Deduct</i>	-160.32	
			<i>For &gt;20 To 40, Deduct</i>	-288.19	
			<i>For &gt;40, Deduct</i>	-608.82	
26 56 13 00-0248	EA		30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	4,643.96	578.81
			<i>For Galvanized Finish, Add</i>	104.59	
			<i>For &gt;10 To 20, Deduct</i>	-168.39	
			<i>For &gt;20 To 40, Deduct</i>	-301.92	
			<i>For &gt;40, Deduct</i>	-638.71	
26 56 13 00-0249	EA		35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	5,122.91	610.97
			<i>For Galvanized Finish, Add</i>	117.03	
			<i>For &gt;10 To 20, Deduct</i>	-186.59	
			<i>For &gt;20 To 40, Deduct</i>	-334.17	
			<i>For &gt;40, Deduct</i>	-707.34	
26 56 13 00-0250	EA		40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	5,422.74	643.12
			<i>For Galvanized Finish, Add</i>	124.10	
			<i>For &gt;10 To 20, Deduct</i>	-197.62	
			<i>For &gt;20 To 40, Deduct</i>	-353.87	
			<i>For &gt;40, Deduct</i>	-749.10	
26 56 13 00-0251			Hinged, Square Straight, Steel Area Light Poles (26 56 13 00-0178)		
26 56 13 00-0252			Hinged, Square Straight, Steel Area Light Poles, Anchor Base (26 56 13 00-0251)		
26 56 13 00-0253	EA		20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,272.29	385.87
			<i>For Galvanized Finish, Add</i>	165.02	
			<i>For &gt;10 To 20, Deduct</i>	-239.32	
			<i>For &gt;20 To 40, Deduct</i>	-423.63	
			<i>For &gt;40, Deduct</i>	-902.26	
26 56 13 00-0254	EA		25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,903.54	514.50
			<i>For Galvanized Finish, Add</i>	176.24	
			<i>For &gt;10 To 20, Deduct</i>	-260.71	
			<i>For &gt;20 To 40, Deduct</i>	-462.67	
			<i>For &gt;40, Deduct</i>	-984.08	
26 56 13 00-0255	EA		30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	9,826.54	578.81
			<i>For Galvanized Finish, Add</i>	260.07	
			<i>For &gt;10 To 20, Deduct</i>	-375.70	
			<i>For &gt;20 To 40, Deduct</i>	-664.71	
			<i>For &gt;40, Deduct</i>	-1,416.10	
26 56 13 00-0256	EA		20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,406.37	385.87
			<i>For Galvanized Finish, Add</i>	169.04	
			<i>For &gt;10 To 20, Deduct</i>	-244.68	
			<i>For &gt;20 To 40, Deduct</i>	-433.01	
			<i>For &gt;40, Deduct</i>	-922.37	
26 56 13 00-0257	EA		25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	7,683.28	514.50
			<i>For Galvanized Finish, Add</i>	199.63	
			<i>For &gt;10 To 20, Deduct</i>	-291.90	
			<i>For &gt;20 To 40, Deduct</i>	-517.25	
			<i>For &gt;40, Deduct</i>	-1,101.04	
26 56 13 00-0258	EA		30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	10,987.33	578.81
			<i>For Galvanized Finish, Add</i>	294.89	
			<i>For &gt;10 To 20, Deduct</i>	-422.13	
			<i>For &gt;20 To 40, Deduct</i>	-745.96	
			<i>For &gt;40, Deduct</i>	-1,590.22	
26 56 13 00-0259	EA		35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	12,671.11	610.97
			<i>For Galvanized Finish, Add</i>	343.48	
			<i>For &gt;10 To 20, Deduct</i>	-488.52	
			<i>For &gt;20 To 40, Deduct</i>	-862.54	
			<i>For &gt;40, Deduct</i>	-1,839.57	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0260	EA	39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	14,982.91	643.12
			<i>For Galvanized Finish, Add</i>	410.90	
			<i>For &gt;10 To 20, Deduct</i>	-580.02	
			<i>For &gt;20 To 40, Deduct</i>	-1,023.08	
			<i>For &gt;40, Deduct</i>	-2,183.12	
26 56	13 00-0261	EA	20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,060.60	385.87
			<i>For Galvanized Finish, Add</i>	158.67	
			<i>For &gt;10 To 20, Deduct</i>	-230.85	
			<i>For &gt;20 To 40, Deduct</i>	-408.81	
			<i>For &gt;40, Deduct</i>	-870.50	
26 56	13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,564.83	514.50
			<i>For Galvanized Finish, Add</i>	166.07	
			<i>For &gt;10 To 20, Deduct</i>	-247.16	
			<i>For &gt;20 To 40, Deduct</i>	-438.96	
			<i>For &gt;40, Deduct</i>	-933.27	
26 56	13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	9,230.26	578.81
			<i>For Galvanized Finish, Add</i>	242.18	
			<i>For &gt;10 To 20, Deduct</i>	-351.85	
			<i>For &gt;20 To 40, Deduct</i>	-622.97	
			<i>For &gt;40, Deduct</i>	-1,326.66	
26 56	13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,304.05	385.87
			<i>For Galvanized Finish, Add</i>	165.97	
			<i>For &gt;10 To 20, Deduct</i>	-240.59	
			<i>For &gt;20 To 40, Deduct</i>	-425.85	
			<i>For &gt;40, Deduct</i>	-907.02	
26 56	13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	7,365.74	514.50
			<i>For Galvanized Finish, Add</i>	190.10	
			<i>For &gt;10 To 20, Deduct</i>	-279.19	
			<i>For &gt;20 To 40, Deduct</i>	-495.02	
			<i>For &gt;40, Deduct</i>	-1,053.41	
26 56	13 00-0266	EA	30' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base .....	10,546.30	578.81
			<i>For Galvanized Finish, Add</i>	281.66	
			<i>For &gt;10 To 20, Deduct</i>	-404.49	
			<i>For &gt;20 To 40, Deduct</i>	-715.09	
			<i>For &gt;40, Deduct</i>	-1,524.06	
26 56	13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	6,678.04	385.87
			<i>For Galvanized Finish, Add</i>	177.19	
			<i>For &gt;10 To 20, Deduct</i>	-255.55	
			<i>For &gt;20 To 40, Deduct</i>	-452.03	
			<i>For &gt;40, Deduct</i>	-963.12	
26 56	13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	8,039.64	514.50
			<i>For Galvanized Finish, Add</i>	210.32	
			<i>For &gt;10 To 20, Deduct</i>	-306.15	
			<i>For &gt;20 To 40, Deduct</i>	-542.19	
			<i>For &gt;40, Deduct</i>	-1,154.50	
26 56	13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	11,340.16	578.81
			<i>For Galvanized Finish, Add</i>	305.48	
			<i>For &gt;10 To 20, Deduct</i>	-436.24	
			<i>For &gt;20 To 40, Deduct</i>	-770.66	
			<i>For &gt;40, Deduct</i>	-1,643.14	
26 56	13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	13,101.55	610.97
			<i>For Galvanized Finish, Add</i>	356.39	
			<i>For &gt;10 To 20, Deduct</i>	-505.73	
			<i>For &gt;20 To 40, Deduct</i>	-892.67	
			<i>For &gt;40, Deduct</i>	-1,904.14	
26 56	13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base .....	15,212.25	643.12
			<i>For Galvanized Finish, Add</i>	417.78	
			<i>For &gt;10 To 20, Deduct</i>	-589.20	
			<i>For &gt;20 To 40, Deduct</i>	-1,039.13	
			<i>For &gt;40, Deduct</i>	-2,217.53	
26 56	13 00-0272		Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0273		Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
26 56	13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	4,642.88	385.87
			<i>For Galvanized Finish, Add</i>	116.13	
			<i>For &gt;10 To 20, Deduct</i>	-174.14	
			<i>For &gt;20 To 40, Deduct</i>	-309.57	
			<i>For &gt;40, Deduct</i>	-657.84	
26 56	13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	5,583.46	514.50
			<i>For Galvanized Finish, Add</i>	136.63	
			<i>For &gt;10 To 20, Deduct</i>	-207.90	
			<i>For &gt;20 To 40, Deduct</i>	-370.26	
			<i>For &gt;40, Deduct</i>	-786.07	
26 56	13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	6,206.34	578.81
			<i>For Galvanized Finish, Add</i>	151.46	
			<i>For &gt;10 To 20, Deduct</i>	-230.89	
			<i>For &gt;20 To 40, Deduct</i>	-411.29	
			<i>For &gt;40, Deduct</i>	-873.07	
26 56	13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base.....	6,924.13	610.97
			<i>For Galvanized Finish, Add</i>	171.07	
			<i>For &gt;10 To 20, Deduct</i>	-258.64	
			<i>For &gt;20 To 40, Deduct</i>	-460.25	
			<i>For &gt;40, Deduct</i>	-977.52	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0278	EA		39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	7,300.25	643.12
			<i>For Galvanized Finish, Add</i>	180.42	
			<i>For &gt;10 To 20, Deduct</i>	-272.72	
			<i>For &gt;20 To 40, Deduct</i>	-485.29	
			<i>For &gt;40, Deduct</i>	-1,030.73	
26 56 13 00-0279	EA		20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	6,132.28	385.87
			<i>For Galvanized Finish, Add</i>	160.82	
			<i>For &gt;10 To 20, Deduct</i>	-233.71	
			<i>For &gt;20 To 40, Deduct</i>	-413.82	
			<i>For &gt;40, Deduct</i>	-881.25	
26 56 13 00-0280	EA		25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	6,751.10	514.50
			<i>For Galvanized Finish, Add</i>	171.66	
			<i>For &gt;10 To 20, Deduct</i>	-254.61	
			<i>For &gt;20 To 40, Deduct</i>	-452.00	
			<i>For &gt;40, Deduct</i>	-961.22	
26 56 13 00-0281	EA		30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	7,161.68	578.81
			<i>For Galvanized Finish, Add</i>	180.12	
			<i>For &gt;10 To 20, Deduct</i>	-269.10	
			<i>For &gt;20 To 40, Deduct</i>	-478.17	
			<i>For &gt;40, Deduct</i>	-1,016.37	
26 56 13 00-0282	EA		30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	8,037.41	578.81
			<i>For Galvanized Finish, Add</i>	206.39	
			<i>For &gt;10 To 20, Deduct</i>	-304.13	
			<i>For &gt;20 To 40, Deduct</i>	-539.47	
			<i>For &gt;40, Deduct</i>	-1,147.73	
26 56 13 00-0283	EA		35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	8,731.98	610.97
			<i>For Galvanized Finish, Add</i>	225.30	
			<i>For &gt;10 To 20, Deduct</i>	-330.95	
			<i>For &gt;20 To 40, Deduct</i>	-586.80	
			<i>For &gt;40, Deduct</i>	-1,248.70	
26 56 13 00-0284	EA		35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	9,816.69	610.97
			<i>For Galvanized Finish, Add</i>	257.84	
			<i>For &gt;10 To 20, Deduct</i>	-374.34	
			<i>For &gt;20 To 40, Deduct</i>	-662.73	
			<i>For &gt;40, Deduct</i>	-1,411.41	
26 56 13 00-0285	EA		39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	8,846.05	643.12
			<i>For Galvanized Finish, Add</i>	226.79	
			<i>For &gt;10 To 20, Deduct</i>	-334.55	
			<i>For &gt;20 To 40, Deduct</i>	-593.50	
			<i>For &gt;40, Deduct</i>	-1,262.60	
26 56 13 00-0286	EA		39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	11,516.36	643.12
			<i>For Galvanized Finish, Add</i>	306.90	
			<i>For &gt;10 To 20, Deduct</i>	-441.36	
			<i>For &gt;20 To 40, Deduct</i>	-780.42	
			<i>For &gt;40, Deduct</i>	-1,663.14	
26 56 13 00-0287	EA		45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	10,356.43	836.06
			<i>For Galvanized Finish, Add</i>	260.53	
			<i>For &gt;10 To 20, Deduct</i>	-389.18	
			<i>For &gt;20 To 40, Deduct</i>	-691.51	
			<i>For &gt;40, Deduct</i>	-1,469.86	
26 56 13 00-0288	EA		45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	12,177.56	836.06
			<i>For Galvanized Finish, Add</i>	315.16	
			<i>For &gt;10 To 20, Deduct</i>	-462.02	
			<i>For &gt;20 To 40, Deduct</i>	-818.99	
			<i>For &gt;40, Deduct</i>	-1,743.03	
26 56 13 00-0289	EA		50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base .....	12,527.69	964.69
			<i>For Galvanized Finish, Add</i>	317.95	
			<i>For &gt;10 To 20, Deduct</i>	-472.17	
			<i>For &gt;20 To 40, Deduct</i>	-838.35	
			<i>For &gt;40, Deduct</i>	-1,782.69	
<b>26 56 13 00-0290</b>			<b>Factory Accessories For Steel Area Light Poles</b> <small>(26 56 13 00-0178)</small>		
26 56 13 00-0291	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles .....	117.61	
26 56 13 00-0292	EA		Extra Handhole For Steel Area Light Poles .....	174.90	
26 56 13 00-0293	EA		Vibration Dampener For Steel Area Light Poles .....	177.92	
<b>26 56 13 00-0294</b>			<b>Aluminum Area Light Poles</b> <small>(26 56 13 00-0177)</small>		
			Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
<b>26 56 13 00-0295</b>			<b>Round Straight, Aluminum Area Light Poles</b> <small>(26 56 13 00-0294)</small>		
<b>26 56 13 00-0296</b>			<b>Round Straight, Aluminum Area Light Poles, Anchor Base</b> <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297	EA		8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	837.95	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	45.21	
			<i>For Black Anodized Finish, Add</i>	90.42	
			<i>For &gt;10 To 20, Deduct</i>	-27.73	
			<i>For &gt;20 To 40, Deduct</i>	-50.94	
			<i>For &gt;40, Deduct</i>	-106.40	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0298	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	925.45	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	47.53	
			<i>For Black Anodized Finish, Add</i>	95.05	
			<i>For &gt;10 To 20, Deduct</i>	-30.27	
			<i>For &gt;20 To 40, Deduct</i>	-55.78	
			<i>For &gt;40, Deduct</i>	-116.31	
26 56	13 00-0299	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,018.74	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	50.42	
			<i>For Black Anodized Finish, Add</i>	100.85	
			<i>For &gt;10 To 20, Deduct</i>	-33.03	
			<i>For &gt;20 To 40, Deduct</i>	-61.02	
			<i>For &gt;40, Deduct</i>	-127.09	
26 56	13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,113.19	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	53.44	
			<i>For Black Anodized Finish, Add</i>	106.88	
			<i>For &gt;10 To 20, Deduct</i>	-35.85	
			<i>For &gt;20 To 40, Deduct</i>	-66.35	
			<i>For &gt;40, Deduct</i>	-138.04	
26 56	13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,165.06	305.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	55.41	
			<i>For Black Anodized Finish, Add</i>	110.82	
			<i>For &gt;10 To 20, Deduct</i>	-37.44	
			<i>For &gt;20 To 40, Deduct</i>	-69.33	
			<i>For &gt;40, Deduct</i>	-144.21	
26 56	13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,215.75	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	57.26	
			<i>For Black Anodized Finish, Add</i>	114.53	
			<i>For &gt;10 To 20, Deduct</i>	-38.98	
			<i>For &gt;20 To 40, Deduct</i>	-72.24	
			<i>For &gt;40, Deduct</i>	-150.21	
26 56	13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,285.31	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	64.22	
			<i>For Black Anodized Finish, Add</i>	128.44	
			<i>For &gt;10 To 20, Deduct</i>	-41.77	
			<i>For &gt;20 To 40, Deduct</i>	-77.11	
			<i>For &gt;40, Deduct</i>	-160.64	
26 56	13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,393.67	353.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	68.62	
			<i>For Black Anodized Finish, Add</i>	137.25	
			<i>For &gt;10 To 20, Deduct</i>	-45.14	
			<i>For &gt;20 To 40, Deduct</i>	-83.41	
			<i>For &gt;40, Deduct</i>	-173.68	
26 56	13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,495.08	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	72.33	
			<i>For Black Anodized Finish, Add</i>	144.67	
			<i>For &gt;10 To 20, Deduct</i>	-48.23	
			<i>For &gt;20 To 40, Deduct</i>	-89.22	
			<i>For &gt;40, Deduct</i>	-185.67	
26 56	13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,421.24	305.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	81.03	
			<i>For Black Anodized Finish, Add</i>	162.05	
			<i>For &gt;10 To 20, Deduct</i>	-47.69	
			<i>For &gt;20 To 40, Deduct</i>	-87.27	
			<i>For &gt;40, Deduct</i>	-182.64	
26 56	13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,751.26	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	97.95	
			<i>For Black Anodized Finish, Add</i>	195.90	
			<i>For &gt;10 To 20, Deduct</i>	-58.47	
			<i>For &gt;20 To 40, Deduct</i>	-107.15	
			<i>For &gt;40, Deduct</i>	-224.10	
26 56	13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,881.09	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	110.93	
			<i>For Black Anodized Finish, Add</i>	221.87	
			<i>For &gt;10 To 20, Deduct</i>	-63.67	
			<i>For &gt;20 To 40, Deduct</i>	-116.24	
			<i>For &gt;40, Deduct</i>	-243.58	
26 56	13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	2,260.05	514.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	123.11	
			<i>For Black Anodized Finish, Add</i>	246.21	
			<i>For &gt;10 To 20, Deduct</i>	-74.97	
			<i>For &gt;20 To 40, Deduct</i>	-137.62	
			<i>For &gt;40, Deduct</i>	-287.56	
26 56	13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base .....	2,619.35	578.81
			<i>For Bronze Or Satin Anodized Finish, Add</i>	146.17	
			<i>For Black Anodized Finish, Add</i>	292.35	
			<i>For &gt;10 To 20, Deduct</i>	-87.41	
			<i>For &gt;20 To 40, Deduct</i>	-160.20	
			<i>For &gt;40, Deduct</i>	-335.02	
26 56	13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base .....	1,575.06	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	80.33	
			<i>For Black Anodized Finish, Add</i>	160.66	
			<i>For &gt;10 To 20, Deduct</i>	-51.43	
			<i>For &gt;20 To 40, Deduct</i>	-94.82	
			<i>For &gt;40, Deduct</i>	-197.67	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,870.65 109.89 219.78 -63.25 -115.51 -242.01	385.87
26 56	13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,241.50 121.25 242.50 -74.23 -136.33 -284.78	514.50
26 56	13 00-0314	EA	25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,409.58 138.06 276.12 -80.95 -148.09 -309.99	514.50
26 56	13 00-0315	EA	30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,809.45 165.18 330.37 -95.01 -173.51 -363.54	578.81
<b>26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0295)</b>					
26 56	13 00-0317	EA	8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	956.19 85.55 -32.46 -59.22 -124.14	192.94
26 56	13 00-0318	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,066.87 92.50 -35.92 -65.68 -137.52	225.09
26 56	13 00-0319	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,172.91 98.76 -39.20 -71.81 -150.21	257.25
26 56	13 00-0320	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,256.93 101.72 -41.60 -76.41 -159.60	289.41
26 56	13 00-0321	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,354.86 106.76 -44.55 -81.98 -171.07	321.56
26 56	13 00-0322	EA	10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,091.22 96.15 -36.90 -67.38 -141.17	225.09
26 56	13 00-0323	EA	12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,194.94 102.07 -40.08 -73.36 -153.52	257.25
26 56	13 00-0324	EA	14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,302.14 108.50 -43.40 -79.57 -166.38	289.41
26 56	13 00-0325	EA	16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,408.18 114.76 -46.68 -85.71 -179.07	321.56
26 56	13 00-0326	EA	18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,520.03 121.89 -50.19 -92.25 -192.63	353.72
26 56	13 00-0327	EA	20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,624.91 127.97 -53.42 -98.31 -205.15	385.87





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0328 EA 12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,240.15 108.85 -41.89 -76.52 -160.30	257.25
26 56 13 00-0329 EA 14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,355.46 116.50 -45.54 -83.31 -174.38	289.41
26 56 13 00-0330 EA 16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,469.62 123.98 -49.14 -90.01 -188.29	321.56
26 56 13 00-0331 EA 18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,586.10 131.80 -52.83 -96.88 -202.54	353.72
26 56 13 00-0332 EA 16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,534.53 133.71 -51.73 -94.55 -198.02	321.56
26 56 13 00-0333 EA 20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,776.76 150.75 -59.49 -108.94 -227.93	385.87
26 56 13 00-0334 EA 12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,283.04 115.28 -43.60 -79.52 -166.73	257.25
26 56 13 00-0335 EA 14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,411.10 124.84 -47.76 -87.20 -182.72	289.41
26 56 13 00-0336 EA 16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,527.57 132.67 -51.46 -94.07 -196.98	321.56
26 56 13 00-0337 EA 18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,651.01 141.54 -55.43 -101.42 -212.28	353.72
26 56 13 00-0338 EA 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,770.96 149.88 -59.26 -108.53 -227.06	385.87
26 56 13 00-0339 EA 16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,612.19 145.36 -54.84 -99.99 -209.67	321.56
26 56 13 00-0340 EA 18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,746.07 155.79 -59.23 -108.08 -226.54	353.72
26 56 13 00-0341 EA 20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base ..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,806.90 155.27 -60.70 -111.05 -232.45	385.87
<b>26 56 13 00-0342 Round Straight, Aluminum Area Light Poles, Direct Burial</b> <small>(26 56 13 00-0295)</small> Note: Includes rubberized undercoating on embedded portion.		
26 56 13 00-0343 EA 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	748.14 42.66 85.32 -25.10 -45.94 -96.14	160.78
26 56 13 00-0344 EA 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	802.32 44.86 89.72 -26.79 -49.09 -102.66	176.85



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0345	EA		14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial .....	886.64	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	50.08	
			<i>For Black Anodized Finish, Add</i>	100.15	
			<i>For &gt;10 To 20, Deduct</i>	-29.68	
			<i>For &gt;20 To 40, Deduct</i>	-54.35	
			<i>For &gt;40, Deduct</i>	-113.70	
26 56 13 00-0346	EA		15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial .....	913.30	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	52.74	
			<i>For Black Anodized Finish, Add</i>	105.49	
			<i>For &gt;10 To 20, Deduct</i>	-30.74	
			<i>For &gt;20 To 40, Deduct</i>	-56.21	
			<i>For &gt;40, Deduct</i>	-117.70	
26 56 13 00-0347	EA		16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial .....	946.91	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.10	
			<i>For Black Anodized Finish, Add</i>	112.21	
			<i>For &gt;10 To 20, Deduct</i>	-32.09	
			<i>For &gt;20 To 40, Deduct</i>	-58.57	
			<i>For &gt;40, Deduct</i>	-122.74	
26 56 13 00-0348	EA		18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial .....	1,081.08	209.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	66.31	
			<i>For Black Anodized Finish, Add</i>	132.61	
			<i>For &gt;10 To 20, Deduct</i>	-36.97	
			<i>For &gt;20 To 40, Deduct</i>	-67.32	
			<i>For &gt;40, Deduct</i>	-141.26	
26 56 13 00-0349	EA		20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial .....	1,156.13	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	70.59	
			<i>For Black Anodized Finish, Add</i>	141.19	
			<i>For &gt;10 To 20, Deduct</i>	-39.49	
			<i>For &gt;20 To 40, Deduct</i>	-71.93	
			<i>For &gt;40, Deduct</i>	-150.91	
26 56 13 00-0350	EA		20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial .....	1,335.80	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	88.56	
			<i>For Black Anodized Finish, Add</i>	177.12	
			<i>For &gt;10 To 20, Deduct</i>	-46.68	
			<i>For &gt;20 To 40, Deduct</i>	-84.50	
			<i>For &gt;40, Deduct</i>	-177.86	
26 56 13 00-0351	EA		25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial .....	1,630.79	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	111.63	
			<i>For Black Anodized Finish, Add</i>	223.26	
			<i>For &gt;10 To 20, Deduct</i>	-57.51	
			<i>For &gt;20 To 40, Deduct</i>	-103.87	
			<i>For &gt;40, Deduct</i>	-218.89	
26 56 13 00-0352	EA		30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial .....	1,850.43	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	127.16	
			<i>For Black Anodized Finish, Add</i>	254.32	
			<i>For &gt;10 To 20, Deduct</i>	-65.34	
			<i>For &gt;20 To 40, Deduct</i>	-117.95	
			<i>For &gt;40, Deduct</i>	-248.62	
26 56 13 00-0353	EA		30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial .....	2,062.56	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	148.38	
			<i>For Black Anodized Finish, Add</i>	296.75	
			<i>For &gt;10 To 20, Deduct</i>	-73.82	
			<i>For &gt;20 To 40, Deduct</i>	-132.80	
			<i>For &gt;40, Deduct</i>	-280.44	
26 56 13 00-0354			Round Tapered, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0355			Round Tapered, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0354)</small>		
26 56 13 00-0356	EA		8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	713.92	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	32.81	
			<i>For Black Anodized Finish, Add</i>	65.61	
			<i>For &gt;10 To 20, Deduct</i>	-22.77	
			<i>For &gt;20 To 40, Deduct</i>	-42.26	
			<i>For &gt;40, Deduct</i>	-87.79	
26 56 13 00-0357	EA		10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	804.90	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	35.47	
			<i>For Black Anodized Finish, Add</i>	70.94	
			<i>For &gt;10 To 20, Deduct</i>	-25.44	
			<i>For &gt;20 To 40, Deduct</i>	-47.34	
			<i>For &gt;40, Deduct</i>	-98.23	
26 56 13 00-0358	EA		12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	895.87	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	38.14	
			<i>For Black Anodized Finish, Add</i>	76.27	
			<i>For &gt;10 To 20, Deduct</i>	-28.12	
			<i>For &gt;20 To 40, Deduct</i>	-52.42	
			<i>For &gt;40, Deduct</i>	-108.66	
26 56 13 00-0359	EA		14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	997.27	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	41.85	
			<i>For Black Anodized Finish, Add</i>	83.69	
			<i>For &gt;10 To 20, Deduct</i>	-31.21	
			<i>For &gt;20 To 40, Deduct</i>	-58.23	
			<i>For &gt;40, Deduct</i>	-120.65	

**26 Electrical**

**26 50 Lighting**

**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0360	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,097.52 45.44 90.88 -34.25 -63.96 -132.47	321.56
26 56	13 00-0361	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	835.04 38.49 76.97 -26.65 -49.45 -102.75	225.09
26 56	13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	943.40 42.89 85.78 -30.02 -55.75 -115.79	257.25
26 56	13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,048.28 46.95 93.89 -33.25 -61.80 -128.30	289.41
26 56	13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,249.94 54.25 108.50 -39.39 -73.35 -152.12	353.72
26 56	13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,343.23 57.15 114.30 -42.15 -78.59 -162.90	385.87
26 56	13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	986.29 47.18 94.36 -31.73 -58.75 -122.22	257.25
26 56	13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,098.12 51.93 103.86 -35.24 -65.29 -135.78	289.41
26 56	13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,218.07 57.50 114.99 -39.08 -72.40 -150.55	321.56
26 56	13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,317.17 60.97 121.95 -42.08 -78.05 -162.20	353.72
26 56	13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,432.48 66.07 132.15 -45.72 -84.84 -176.28	385.87
26 56	13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,331.67 68.86 137.71 -43.62 -80.35 -167.59	321.56
26 56	13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,462.07 75.46 150.93 -47.87 -88.20 -183.94	353.72
26 56	13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,544.92 77.32 154.63 -50.22 -92.71 -193.15	385.87



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,776.71 87.63 175.27 -57.56 -106.36 -221.49	450.19
26 56	13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,015.46 98.65 197.29 -65.18 -120.50 -250.87	514.50
26 56	13 00-0376	EA	18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,575.67 86.82 173.65 -52.42 -96.15 -200.98	353.72
26 56	13 00-0377	EA	20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,682.87 91.11 182.22 -55.74 -102.37 -213.84	385.87
26 56	13 00-0378	EA	23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,885.67 98.53 197.06 -61.92 -113.99 -237.83	450.19
26 56	13 00-0379	EA	25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,098.92 106.99 213.98 -68.52 -126.34 -263.39	514.50
26 56	13 00-0380	EA	28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,257.13 116.38 232.76 -73.89 -136.13 -283.90	546.66
26 56	13 00-0381	EA	30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,417.65 126.00 252.01 -79.34 -146.08 -304.77	578.81
26 56	13 00-0382	EA	23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,993.48 109.31 218.62 -66.23 -121.54 -254.00	450.19
26 56	13 00-0383	EA	25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,170.79 114.18 228.36 -71.40 -131.38 -274.17	514.50
26 56	13 00-0384	EA	28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,334.79 124.15 248.30 -76.99 -141.57 -295.55	546.66
26 56	13 00-0385	EA	30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,538.20 138.06 276.12 -84.16 -154.52 -322.85	578.81
26 56	13 00-0386	EA	33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,622.52 143.28 286.55 -87.05 -159.78 -333.89	594.88
26 56	13 00-0387	EA	35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,794.94 157.30 314.60 -93.47 -171.21 -358.14	610.97



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0388	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,033.81	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	51.93	
			<i>For Black Anodized Finish, Add</i>	103.86	
			<i>For &gt;10 To 20, Deduct</i>	-33.63	
			<i>For &gt;20 To 40, Deduct</i>	-62.08	
			<i>For &gt;40, Deduct</i>	-129.35	
26 56	13 00-0389	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,153.76	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	57.50	
			<i>For Black Anodized Finish, Add</i>	114.99	
			<i>For &gt;10 To 20, Deduct</i>	-37.47	
			<i>For &gt;20 To 40, Deduct</i>	-69.19	
			<i>For &gt;40, Deduct</i>	-144.12	
26 56	13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,278.35	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	63.52	
			<i>For Black Anodized Finish, Add</i>	127.05	
			<i>For &gt;10 To 20, Deduct</i>	-41.49	
			<i>For &gt;20 To 40, Deduct</i>	-76.62	
			<i>For &gt;40, Deduct</i>	-159.60	
26 56	13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,390.20	353.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	68.28	
			<i>For Black Anodized Finish, Add</i>	136.55	
			<i>For &gt;10 To 20, Deduct</i>	-45.00	
			<i>For &gt;20 To 40, Deduct</i>	-83.17	
			<i>For &gt;40, Deduct</i>	-173.16	
26 56	13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,500.87	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	72.91	
			<i>For Black Anodized Finish, Add</i>	145.82	
			<i>For &gt;10 To 20, Deduct</i>	-48.46	
			<i>For &gt;20 To 40, Deduct</i>	-89.63	
			<i>For &gt;40, Deduct</i>	-186.54	
26 56	13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,404.70	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	76.16	
			<i>For Black Anodized Finish, Add</i>	152.32	
			<i>For &gt;10 To 20, Deduct</i>	-46.54	
			<i>For &gt;20 To 40, Deduct</i>	-85.47	
			<i>For &gt;40, Deduct</i>	-178.55	
26 56	13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,538.57	353.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	83.11	
			<i>For Black Anodized Finish, Add</i>	166.23	
			<i>For &gt;10 To 20, Deduct</i>	-50.93	
			<i>For &gt;20 To 40, Deduct</i>	-93.55	
			<i>For &gt;40, Deduct</i>	-195.41	
26 56	13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,636.50	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.48	
			<i>For Black Anodized Finish, Add</i>	172.95	
			<i>For &gt;10 To 20, Deduct</i>	-53.88	
			<i>For &gt;20 To 40, Deduct</i>	-99.12	
			<i>For &gt;40, Deduct</i>	-206.89	
26 56	13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	1,862.49	450.19
			<i>For Bronze Or Satin Anodized Finish, Add</i>	96.21	
			<i>For Black Anodized Finish, Add</i>	192.42	
			<i>For &gt;10 To 20, Deduct</i>	-60.99	
			<i>For &gt;20 To 40, Deduct</i>	-112.37	
			<i>For &gt;40, Deduct</i>	-234.36	
26 56	13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,095.45	514.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	106.65	
			<i>For Black Anodized Finish, Add</i>	213.29	
			<i>For &gt;10 To 20, Deduct</i>	-68.38	
			<i>For &gt;20 To 40, Deduct</i>	-126.10	
			<i>For &gt;40, Deduct</i>	-262.87	
26 56	13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,124.46	450.19
			<i>For Bronze Or Satin Anodized Finish, Add</i>	122.41	
			<i>For Black Anodized Finish, Add</i>	244.82	
			<i>For &gt;10 To 20, Deduct</i>	-71.47	
			<i>For &gt;20 To 40, Deduct</i>	-130.70	
			<i>For &gt;40, Deduct</i>	-273.65	
26 56	13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,344.67	514.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	131.57	
			<i>For Black Anodized Finish, Add</i>	263.13	
			<i>For &gt;10 To 20, Deduct</i>	-78.35	
			<i>For &gt;20 To 40, Deduct</i>	-143.55	
			<i>For &gt;40, Deduct</i>	-300.25	
26 56	13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,522.58	546.66
			<i>For Bronze Or Satin Anodized Finish, Add</i>	142.93	
			<i>For Black Anodized Finish, Add</i>	285.85	
			<i>For &gt;10 To 20, Deduct</i>	-84.50	
			<i>For &gt;20 To 40, Deduct</i>	-154.71	
			<i>For &gt;40, Deduct</i>	-323.72	
26 56	13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	2,680.78	578.81
			<i>For Bronze Or Satin Anodized Finish, Add</i>	152.32	
			<i>For Black Anodized Finish, Add</i>	304.63	
			<i>For &gt;10 To 20, Deduct</i>	-89.87	
			<i>For &gt;20 To 40, Deduct</i>	-164.50	
			<i>For &gt;40, Deduct</i>	-344.24	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0402 EA 33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,825.37 163.56 327.12 -95.17 -173.98 -364.32	594.88
26 56 13 00-0403 EA 35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,951.43 172.95 345.90 -99.73 -182.16 -381.62	610.97
26 56 13 00-0404 EA 37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,058.92 180.48 360.97 -103.55 -189.04 -396.13	627.04
26 56 13 00-0405 EA 39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,253.37 196.71 393.43 -110.84 -202.01 -423.69	643.12
26 56 13 00-0406 EA 28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,023.34 193.00 386.01 -104.53 -189.77 -398.84	546.66
26 56 13 00-0407 EA 30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,260.37 210.28 420.55 -113.05 -205.07 -431.17	578.81
26 56 13 00-0408 EA 33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,428.15 223.84 447.68 -119.28 -216.18 -454.73	594.88
26 56 13 00-0409 EA 35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,555.36 233.34 466.69 -123.89 -224.44 -472.21	610.97
26 56 13 00-0410 EA 37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,625.76 237.17 474.34 -126.22 -228.72 -481.16	627.04
26 56 13 00-0411 EA 39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,839.91 255.37 510.73 -134.30 -243.07 -511.67	643.12
26 56 13 00-0412 EA 28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,864.54 177.12 354.25 -98.18 -178.65 -375.02	546.66
26 56 13 00-0413 EA 30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,080.70 192.31 384.62 -105.86 -192.50 -404.22	578.81
26 56 13 00-0414 EA 33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,165.01 197.52 395.05 -108.75 -197.76 -415.26	594.88
26 56 13 00-0415 EA 35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,382.64 216.07 432.14 -116.98 -212.35 -446.30	610.97



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0416	EA	37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,488.98	627.04
			<i>For Bronze Or Satin Anodized Finish, Add</i>	223.49	
			<i>For Black Anodized Finish, Add</i>	446.98	
			<i>For &gt;10 To 20, Deduct</i>	-120.75	
			<i>For &gt;20 To 40, Deduct</i>	-219.15	
			<i>For &gt;40, Deduct</i>	-460.64	
26 56	13 00-0417	EA	39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,704.29	643.12
			<i>For Bronze Or Satin Anodized Finish, Add</i>	241.81	
			<i>For Black Anodized Finish, Add</i>	483.61	
			<i>For &gt;10 To 20, Deduct</i>	-128.88	
			<i>For &gt;20 To 40, Deduct</i>	-233.58	
			<i>For &gt;40, Deduct</i>	-491.33	
26 56	13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,590.18	546.66
			<i>For Bronze Or Satin Anodized Finish, Add</i>	249.69	
			<i>For Black Anodized Finish, Add</i>	499.37	
			<i>For &gt;10 To 20, Deduct</i>	-127.21	
			<i>For &gt;20 To 40, Deduct</i>	-229.45	
			<i>For &gt;40, Deduct</i>	-483.86	
26 56	13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,795.91	578.81
			<i>For Bronze Or Satin Anodized Finish, Add</i>	263.83	
			<i>For Black Anodized Finish, Add</i>	527.66	
			<i>For &gt;10 To 20, Deduct</i>	-134.47	
			<i>For &gt;20 To 40, Deduct</i>	-242.56	
			<i>For &gt;40, Deduct</i>	-511.51	
26 56	13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	3,966.01	594.88
			<i>For Bronze Or Satin Anodized Finish, Add</i>	277.62	
			<i>For Black Anodized Finish, Add</i>	555.25	
			<i>For &gt;10 To 20, Deduct</i>	-140.79	
			<i>For &gt;20 To 40, Deduct</i>	-253.83	
			<i>For &gt;40, Deduct</i>	-535.41	
26 56	13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	4,230.00	610.97
			<i>For Bronze Or Satin Anodized Finish, Add</i>	300.81	
			<i>For Black Anodized Finish, Add</i>	601.61	
			<i>For &gt;10 To 20, Deduct</i>	-150.87	
			<i>For &gt;20 To 40, Deduct</i>	-271.66	
			<i>For &gt;40, Deduct</i>	-573.40	
26 56	13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	4,287.65	627.04
			<i>For Bronze Or Satin Anodized Finish, Add</i>	303.36	
			<i>For Black Anodized Finish, Add</i>	606.71	
			<i>For &gt;10 To 20, Deduct</i>	-152.69	
			<i>For &gt;20 To 40, Deduct</i>	-275.05	
			<i>For &gt;40, Deduct</i>	-580.44	
26 56	13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	4,550.49	643.12
			<i>For Bronze Or Satin Anodized Finish, Add</i>	326.43	
			<i>For Black Anodized Finish, Add</i>	652.85	
			<i>For &gt;10 To 20, Deduct</i>	-162.73	
			<i>For &gt;20 To 40, Deduct</i>	-292.81	
			<i>For &gt;40, Deduct</i>	-618.26	
26 56	13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	5,730.31	964.69
			<i>For Bronze Or Satin Anodized Finish, Add</i>	380.10	
			<i>For Black Anodized Finish, Add</i>	760.19	
			<i>For &gt;10 To 20, Deduct</i>	-200.27	
			<i>For &gt;20 To 40, Deduct</i>	-362.53	
			<i>For &gt;40, Deduct</i>	-763.08	
26 56	13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base .....	5,874.05	964.69
			<i>For Bronze Or Satin Anodized Finish, Add</i>	394.47	
			<i>For Black Anodized Finish, Add</i>	788.94	
			<i>For &gt;10 To 20, Deduct</i>	-206.02	
			<i>For &gt;20 To 40, Deduct</i>	-372.60	
			<i>For &gt;40, Deduct</i>	-784.64	
26 56	13 00-0426		<b>Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base</b> <small>(26 56 13 00-0354)</small>		
26 56	13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	963.14	192.94
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	86.59	
			<i>For &gt;10 To 20, Deduct</i>	-32.74	
			<i>For &gt;20 To 40, Deduct</i>	-59.70	
			<i>For &gt;40, Deduct</i>	-125.18	
26 56	13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,051.80	225.09
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	90.24	
			<i>For &gt;10 To 20, Deduct</i>	-35.32	
			<i>For &gt;20 To 40, Deduct</i>	-64.62	
			<i>For &gt;40, Deduct</i>	-135.26	
26 56	13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,141.62	257.25
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	94.07	
			<i>For &gt;10 To 20, Deduct</i>	-37.95	
			<i>For &gt;20 To 40, Deduct</i>	-69.62	
			<i>For &gt;40, Deduct</i>	-145.52	
26 56	13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,233.75	289.41
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	98.24	
			<i>For &gt;10 To 20, Deduct</i>	-40.67	
			<i>For &gt;20 To 40, Deduct</i>	-74.79	
			<i>For &gt;40, Deduct</i>	-156.12	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,324.72 102.24 -43.34 -79.87 -166.55	321.56
26 56	13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,065.71 92.33 -35.88 -65.60 -137.35	225.09
26 56	13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,157.84 96.50 -38.60 -70.76 -147.95	257.25
26 56	13 00-0434	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,252.29 101.02 -41.41 -76.08 -158.90	289.41
26 56	13 00-0435	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,345.58 105.37 -44.18 -81.33 -169.68	321.56
26 56	13 00-0436	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,453.95 111.98 -47.55 -87.63 -182.72	353.72
26 56	13 00-0437	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,551.88 117.02 -50.50 -93.20 -194.19	385.87
26 56	13 00-0438	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,203.05 103.28 -40.40 -73.92 -154.73	257.25
26 56	13 00-0439	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,303.30 108.67 -43.45 -79.65 -166.55	289.41
26 56	13 00-0440	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,417.45 116.15 -47.05 -86.36 -180.46	321.56
26 56	13 00-0441	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,520.03 121.89 -50.19 -92.25 -192.63	353.72
26 56	13 00-0442	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,637.66 129.89 -53.93 -99.20 -207.06	385.87
26 56	13 00-0443	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,483.53 126.06 -49.69 -90.98 -190.37	321.56
26 56	13 00-0444	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,609.28 135.28 -53.76 -98.50 -206.02	353.72
26 56	13 00-0445	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,709.53 140.67 -56.80 -104.23 -217.84	385.87
26 56	13 00-0446	EA	12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,238.99 108.67 -41.84 -76.44 -160.12	257.25
26 56	13 00-0447	EA	14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,357.78 116.85 -45.63 -83.47 -174.73	289.41



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0448	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,483.53	321.56
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	126.06	
			<i>For &gt;10 To 20, Deduct</i>	-49.69	
			<i>For &gt;20 To 40, Deduct</i>	-90.98	
			<i>For &gt;40, Deduct</i>	-190.37	
26 56	13 00-0449	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,595.37	353.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	133.19	
			<i>For &gt;10 To 20, Deduct</i>	-53.20	
			<i>For &gt;20 To 40, Deduct</i>	-97.53	
			<i>For &gt;40, Deduct</i>	-203.93	
26 56	13 00-0450	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,715.32	385.87
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	141.54	
			<i>For &gt;10 To 20, Deduct</i>	-57.04	
			<i>For &gt;20 To 40, Deduct</i>	-104.64	
			<i>For &gt;40, Deduct</i>	-218.71	
26 56	13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,558.87	321.56
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	137.36	
			<i>For &gt;10 To 20, Deduct</i>	-52.71	
			<i>For &gt;20 To 40, Deduct</i>	-96.26	
			<i>For &gt;40, Deduct</i>	-201.67	
26 56	13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,693.90	353.72
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	147.97	
			<i>For &gt;10 To 20, Deduct</i>	-57.14	
			<i>For &gt;20 To 40, Deduct</i>	-104.42	
			<i>For &gt;40, Deduct</i>	-218.71	
26 56	13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base .....	1,799.94	385.87
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	154.23	
			<i>For &gt;10 To 20, Deduct</i>	-60.42	
			<i>For &gt;20 To 40, Deduct</i>	-110.56	
			<i>For &gt;40, Deduct</i>	-231.40	
26 56	13 00-0454		<b>Round Tapered, Aluminum Area Light Poles, Direct Burial</b> <small>(26 56 13 00-0354)</small>		
			Note: Includes rubberized undercoating on embedded portion.		
26 56	13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	664.68	160.78
			<i>For Bronze Or Satin Anodized Finish, Add</i>	34.31	
			<i>For Black Anodized Finish, Add</i>	68.62	
			<i>For &gt;10 To 20, Deduct</i>	-21.76	
			<i>For &gt;20 To 40, Deduct</i>	-40.10	
			<i>For &gt;40, Deduct</i>	-83.62	
26 56	13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	697.13	160.78
			<i>For Bronze Or Satin Anodized Finish, Add</i>	37.56	
			<i>For Black Anodized Finish, Add</i>	75.11	
			<i>For &gt;10 To 20, Deduct</i>	-23.06	
			<i>For &gt;20 To 40, Deduct</i>	-42.37	
			<i>For &gt;40, Deduct</i>	-88.49	
26 56	13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	755.96	176.85
			<i>For Bronze Or Satin Anodized Finish, Add</i>	40.22	
			<i>For Black Anodized Finish, Add</i>	80.45	
			<i>For &gt;10 To 20, Deduct</i>	-24.93	
			<i>For &gt;20 To 40, Deduct</i>	-45.84	
			<i>For &gt;40, Deduct</i>	-95.71	
26 56	13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	806.65	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	42.08	
			<i>For Black Anodized Finish, Add</i>	84.16	
			<i>For &gt;10 To 20, Deduct</i>	-26.48	
			<i>For &gt;20 To 40, Deduct</i>	-48.75	
			<i>For &gt;40, Deduct</i>	-101.70	
26 56	13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	848.38	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.25	
			<i>For Black Anodized Finish, Add</i>	92.50	
			<i>For &gt;10 To 20, Deduct</i>	-28.15	
			<i>For &gt;20 To 40, Deduct</i>	-51.67	
			<i>For &gt;40, Deduct</i>	-107.96	
26 56	13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	787.25	176.85
			<i>For Bronze Or Satin Anodized Finish, Add</i>	43.35	
			<i>For Black Anodized Finish, Add</i>	86.71	
			<i>For &gt;10 To 20, Deduct</i>	-26.18	
			<i>For &gt;20 To 40, Deduct</i>	-48.03	
			<i>For &gt;40, Deduct</i>	-100.40	
26 56	13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	851.86	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.60	
			<i>For Black Anodized Finish, Add</i>	93.20	
			<i>For &gt;10 To 20, Deduct</i>	-28.29	
			<i>For &gt;20 To 40, Deduct</i>	-51.91	
			<i>For &gt;40, Deduct</i>	-108.49	
26 56	13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	875.04	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	48.92	
			<i>For Black Anodized Finish, Add</i>	97.83	
			<i>For &gt;10 To 20, Deduct</i>	-29.21	
			<i>For &gt;20 To 40, Deduct</i>	-53.54	
			<i>For &gt;40, Deduct</i>	-111.96	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0463	EA		18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	944.30	209.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	52.63	
			<i>For Black Anodized Finish, Add</i>	105.25	
			<i>For &gt;10 To 20, Deduct</i>	-31.50	
			<i>For &gt;20 To 40, Deduct</i>	-57.74	
			<i>For &gt;40, Deduct</i>	-120.74	
26 56 13 00-0464	EA		20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,008.91	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	55.87	
			<i>For Black Anodized Finish, Add</i>	111.74	
			<i>For &gt;10 To 20, Deduct</i>	-33.60	
			<i>For &gt;20 To 40, Deduct</i>	-61.62	
			<i>For &gt;40, Deduct</i>	-128.83	
26 56 13 00-0465	EA		16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	942.28	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	55.64	
			<i>For Black Anodized Finish, Add</i>	111.28	
			<i>For &gt;10 To 20, Deduct</i>	-31.90	
			<i>For &gt;20 To 40, Deduct</i>	-58.24	
			<i>For &gt;40, Deduct</i>	-122.05	
26 56 13 00-0466	EA		18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,018.49	209.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	60.05	
			<i>For Black Anodized Finish, Add</i>	120.09	
			<i>For &gt;10 To 20, Deduct</i>	-34.47	
			<i>For &gt;20 To 40, Deduct</i>	-62.93	
			<i>For &gt;40, Deduct</i>	-131.87	
26 56 13 00-0467	EA		20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,088.90	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	63.87	
			<i>For Black Anodized Finish, Add</i>	127.74	
			<i>For &gt;10 To 20, Deduct</i>	-36.80	
			<i>For &gt;20 To 40, Deduct</i>	-67.22	
			<i>For &gt;40, Deduct</i>	-140.83	
26 56 13 00-0468	EA		18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,113.54	209.01
			<i>For Bronze Or Satin Anodized Finish, Add</i>	69.55	
			<i>For Black Anodized Finish, Add</i>	139.10	
			<i>For &gt;10 To 20, Deduct</i>	-38.27	
			<i>For &gt;20 To 40, Deduct</i>	-69.59	
			<i>For &gt;40, Deduct</i>	-146.13	
26 56 13 00-0469	EA		25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,426.77	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	91.23	
			<i>For Black Anodized Finish, Add</i>	182.45	
			<i>For &gt;10 To 20, Deduct</i>	-49.35	
			<i>For &gt;20 To 40, Deduct</i>	-89.58	
			<i>For &gt;40, Deduct</i>	-188.29	
26 56 13 00-0470	EA		25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,557.76	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	104.33	
			<i>For Black Anodized Finish, Add</i>	208.65	
			<i>For &gt;10 To 20, Deduct</i>	-54.59	
			<i>For &gt;20 To 40, Deduct</i>	-98.75	
			<i>For &gt;40, Deduct</i>	-207.94	
26 56 13 00-0471	EA		30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,734.51	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	115.57	
			<i>For Black Anodized Finish, Add</i>	231.14	
			<i>For &gt;10 To 20, Deduct</i>	-60.70	
			<i>For &gt;20 To 40, Deduct</i>	-109.84	
			<i>For &gt;40, Deduct</i>	-231.24	
26 56 13 00-0472	EA		30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial .....	1,877.09	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	129.83	
			<i>For Black Anodized Finish, Add</i>	259.66	
			<i>For &gt;10 To 20, Deduct</i>	-66.40	
			<i>For &gt;20 To 40, Deduct</i>	-119.82	
			<i>For &gt;40, Deduct</i>	-252.62	
26 56 13 00-0473			Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0474			Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0473)</small>		
26 56 13 00-0475	EA		8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	864.61	192.94
			<i>For Bronze Or Satin Anodized Finish, Add</i>	47.87	
			<i>For Black Anodized Finish, Add</i>	95.75	
			<i>For &gt;10 To 20, Deduct</i>	-28.80	
			<i>For &gt;20 To 40, Deduct</i>	-52.81	
			<i>For &gt;40, Deduct</i>	-110.40	
26 56 13 00-0476	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	953.27	225.09
			<i>For Bronze Or Satin Anodized Finish, Add</i>	50.31	
			<i>For Black Anodized Finish, Add</i>	100.62	
			<i>For &gt;10 To 20, Deduct</i>	-31.38	
			<i>For &gt;20 To 40, Deduct</i>	-57.73	
			<i>For &gt;40, Deduct</i>	-120.48	
26 56 13 00-0477	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,051.20	257.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	53.67	
			<i>For Black Anodized Finish, Add</i>	107.34	
			<i>For &gt;10 To 20, Deduct</i>	-34.33	
			<i>For &gt;20 To 40, Deduct</i>	-63.29	
			<i>For &gt;40, Deduct</i>	-131.96	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0478	EA	14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,147.97	289.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.92	
			<i>For Black Anodized Finish, Add</i>	113.83	
			<i>For &gt;10 To 20, Deduct</i>	-37.24	
			<i>For &gt;20 To 40, Deduct</i>	-68.78	
			<i>For &gt;40, Deduct</i>	-143.26	
26 56	13 00-0479	EA	15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,200.99	305.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	59.00	
			<i>For Black Anodized Finish, Add</i>	118.00	
			<i>For &gt;10 To 20, Deduct</i>	-38.88	
			<i>For &gt;20 To 40, Deduct</i>	-71.85	
			<i>For &gt;40, Deduct</i>	-149.60	
26 56	13 00-0480	EA	16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,254.01	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	61.09	
			<i>For Black Anodized Finish, Add</i>	122.18	
			<i>For &gt;10 To 20, Deduct</i>	-40.51	
			<i>For &gt;20 To 40, Deduct</i>	-74.92	
			<i>For &gt;40, Deduct</i>	-155.95	
26 56	13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,357.74	353.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	65.03	
			<i>For Black Anodized Finish, Add</i>	130.06	
			<i>For &gt;10 To 20, Deduct</i>	-43.70	
			<i>For &gt;20 To 40, Deduct</i>	-80.89	
			<i>For &gt;40, Deduct</i>	-168.29	
26 56	13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,471.89	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	70.01	
			<i>For Black Anodized Finish, Add</i>	140.03	
			<i>For &gt;10 To 20, Deduct</i>	-47.30	
			<i>For &gt;20 To 40, Deduct</i>	-87.60	
			<i>For &gt;40, Deduct</i>	-182.20	
26 56	13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,333.99	321.56
			<i>For Bronze Or Satin Anodized Finish, Add</i>	69.09	
			<i>For Black Anodized Finish, Add</i>	138.17	
			<i>For &gt;10 To 20, Deduct</i>	-43.71	
			<i>For &gt;20 To 40, Deduct</i>	-80.52	
			<i>For &gt;40, Deduct</i>	-167.94	
26 56	13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,440.04	353.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	73.26	
			<i>For Black Anodized Finish, Add</i>	146.52	
			<i>For &gt;10 To 20, Deduct</i>	-46.99	
			<i>For &gt;20 To 40, Deduct</i>	-86.65	
			<i>For &gt;40, Deduct</i>	-180.63	
26 56	13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,561.15	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	78.94	
			<i>For Black Anodized Finish, Add</i>	157.88	
			<i>For &gt;10 To 20, Deduct</i>	-50.87	
			<i>For &gt;20 To 40, Deduct</i>	-93.85	
			<i>For &gt;40, Deduct</i>	-195.59	
26 56	13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,548.75	305.48
			<i>For Bronze Or Satin Anodized Finish, Add</i>	93.78	
			<i>For Black Anodized Finish, Add</i>	187.56	
			<i>For &gt;10 To 20, Deduct</i>	-52.79	
			<i>For &gt;20 To 40, Deduct</i>	-96.19	
			<i>For &gt;40, Deduct</i>	-201.76	
26 56	13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,893.84	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	112.21	
			<i>For Black Anodized Finish, Add</i>	224.42	
			<i>For &gt;10 To 20, Deduct</i>	-64.18	
			<i>For &gt;20 To 40, Deduct</i>	-117.13	
			<i>For &gt;40, Deduct</i>	-245.49	
26 56	13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base .....	2,295.98	514.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	126.70	
			<i>For Black Anodized Finish, Add</i>	253.40	
			<i>For &gt;10 To 20, Deduct</i>	-76.40	
			<i>For &gt;20 To 40, Deduct</i>	-140.14	
			<i>For &gt;40, Deduct</i>	-292.95	
26 56	13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	1,633.02	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.13	
			<i>For Black Anodized Finish, Add</i>	172.25	
			<i>For &gt;10 To 20, Deduct</i>	-53.74	
			<i>For &gt;20 To 40, Deduct</i>	-98.88	
			<i>For &gt;40, Deduct</i>	-206.37	
26 56	13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	2,034.10	385.87
			<i>For Bronze Or Satin Anodized Finish, Add</i>	126.24	
			<i>For Black Anodized Finish, Add</i>	252.47	
			<i>For &gt;10 To 20, Deduct</i>	-69.79	
			<i>For &gt;20 To 40, Deduct</i>	-126.95	
			<i>For &gt;40, Deduct</i>	-266.53	
26 56	13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base .....	2,423.49	514.50
			<i>For Bronze Or Satin Anodized Finish, Add</i>	139.45	
			<i>For Black Anodized Finish, Add</i>	278.90	
			<i>For &gt;10 To 20, Deduct</i>	-81.50	
			<i>For &gt;20 To 40, Deduct</i>	-149.06	
			<i>For &gt;40, Deduct</i>	-312.07	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0492	EA		20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,254.34 148.26 296.52 -78.60 -142.37 -299.56	385.87
26 56 13 00-0493	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,710.97 168.20 336.39 -93.00 -169.19 -355.20	514.50
26 56 13 00-0494	EA		30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	3,138.66 198.10 396.21 -108.18 -196.55 -412.92	578.81
<b>26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial</b> <small>(26 56 13 00-0473)</small>					
Note: Includes rubberized undercoating on embedded portion.					
26 56 13 00-0496	EA		10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	778.28 45.67 91.34 -26.31 -48.05 -100.66	160.78
26 56 13 00-0497	EA		12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	869.56 51.58 103.17 -29.48 -53.79 -112.75	176.85
26 56 13 00-0498	EA		14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	926.05 54.02 108.04 -31.25 -57.11 -119.61	192.94
26 56 13 00-0499	EA		15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	955.03 56.92 113.83 -32.41 -59.13 -123.96	192.94
26 56 13 00-0500	EA		16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	990.96 60.51 121.02 -33.85 -61.65 -129.35	192.94
26 56 13 00-0501	EA		18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,145.99 72.80 145.59 -39.57 -71.86 -151.00	209.01
26 56 13 00-0502	EA		20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,228.00 77.78 155.56 -42.37 -76.96 -161.69	225.09
26 56 13 00-0503	EA		20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,409.99 95.98 191.96 -49.65 -89.70 -188.99	225.09
26 56 13 00-0504	EA		25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	1,620.36 110.59 221.17 -57.10 -103.14 -217.33	257.25
26 56 13 00-0505	EA		25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial ..... <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For &gt;10 To 20, Deduct</i> <i>For &gt;20 To 40, Deduct</i> <i>For &gt;40, Deduct</i>	2,027.23 151.27 302.55 -73.37 -131.62 -278.36	257.25
<b>26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles</b> <small>(26 56 13 00-0294)</small>					
26 56 13 00-0507	EA		1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles.....	117.61	

26	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 56 Exterior Lighting</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0508	EA	Extra Handhole For Aluminum Area Light Poles.....	43.21	
26 56 13 00-0509	EA	Vibration Dampener For Aluminum Area Light Poles .....	177.92	
26 56 13 00-0510		<b>Fiberglass Area Light Poles</b> <small>(26 56 13 00-0177)</small>		
		Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511		<b>Round Tapered, Fiberglass Area Light Poles</b> <small>(26 56 13 00-0510)</small>		
26 56 13 00-0512		<b>Round Tapered, Fiberglass Area Light Poles, Anchor Base</b> <small>(26 56 13 00-0511)</small>		
26 56 13 00-0513	EA	10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,377.51	225.09
		<i>For &gt;10 To 20, Deduct</i>	-48.35	
		<i>For &gt;20 To 40, Deduct</i>	-87.42	
		<i>For &gt;40, Deduct</i>	-184.12	
26 56 13 00-0514	EA	12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,497.01	257.25
		<i>For &gt;10 To 20, Deduct</i>	-52.16	
		<i>For &gt;20 To 40, Deduct</i>	-94.50	
		<i>For &gt;40, Deduct</i>	-198.83	
26 56 13 00-0515	EA	14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,618.10	289.41
		<i>For &gt;10 To 20, Deduct</i>	-56.04	
		<i>For &gt;20 To 40, Deduct</i>	-101.69	
		<i>For &gt;40, Deduct</i>	-213.77	
26 56 13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,737.61	321.56
		<i>For &gt;10 To 20, Deduct</i>	-59.86	
		<i>For &gt;20 To 40, Deduct</i>	-108.77	
		<i>For &gt;40, Deduct</i>	-228.49	
26 56 13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,885.51	353.72
		<i>For &gt;10 To 20, Deduct</i>	-64.81	
		<i>For &gt;20 To 40, Deduct</i>	-117.84	
		<i>For &gt;40, Deduct</i>	-247.45	
26 56 13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,008.17	385.87
		<i>For &gt;10 To 20, Deduct</i>	-68.75	
		<i>For &gt;20 To 40, Deduct</i>	-125.14	
		<i>For &gt;40, Deduct</i>	-262.64	
26 56 13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,193.57	450.19
		<i>For &gt;10 To 20, Deduct</i>	-74.24	
		<i>For &gt;20 To 40, Deduct</i>	-135.54	
		<i>For &gt;40, Deduct</i>	-284.02	
26 56 13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,377.39	514.50
		<i>For &gt;10 To 20, Deduct</i>	-79.66	
		<i>For &gt;20 To 40, Deduct</i>	-145.84	
		<i>For &gt;40, Deduct</i>	-305.16	
26 56 13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,505.14	514.50
		<i>For &gt;10 To 20, Deduct</i>	-84.77	
		<i>For &gt;20 To 40, Deduct</i>	-154.78	
		<i>For &gt;40, Deduct</i>	-324.32	
26 56 13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,681.42	546.66
		<i>For &gt;10 To 20, Deduct</i>	-90.86	
		<i>For &gt;20 To 40, Deduct</i>	-165.83	
		<i>For &gt;40, Deduct</i>	-347.55	
26 56 13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,857.70	578.81
		<i>For &gt;10 To 20, Deduct</i>	-96.94	
		<i>For &gt;20 To 40, Deduct</i>	-176.89	
		<i>For &gt;40, Deduct</i>	-370.77	
26 56 13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,522.60	225.09
		<i>For &gt;10 To 20, Deduct</i>	-54.15	
		<i>For &gt;20 To 40, Deduct</i>	-97.58	
		<i>For &gt;40, Deduct</i>	-205.88	
26 56 13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,613.72	257.25
		<i>For &gt;10 To 20, Deduct</i>	-56.83	
		<i>For &gt;20 To 40, Deduct</i>	-102.67	
		<i>For &gt;40, Deduct</i>	-216.33	
26 56 13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,706.41	289.41
		<i>For &gt;10 To 20, Deduct</i>	-59.57	
		<i>For &gt;20 To 40, Deduct</i>	-107.87	
		<i>For &gt;40, Deduct</i>	-227.02	
26 56 13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,802.27	321.56
		<i>For &gt;10 To 20, Deduct</i>	-62.44	
		<i>For &gt;20 To 40, Deduct</i>	-113.30	
		<i>For &gt;40, Deduct</i>	-238.18	
26 56 13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,906.01	353.72
		<i>For &gt;10 To 20, Deduct</i>	-65.63	
		<i>For &gt;20 To 40, Deduct</i>	-119.27	
		<i>For &gt;40, Deduct</i>	-250.53	
26 56 13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,008.17	385.87
		<i>For &gt;10 To 20, Deduct</i>	-68.75	
		<i>For &gt;20 To 40, Deduct</i>	-125.14	
		<i>For &gt;40, Deduct</i>	-262.64	
26 56 13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,174.64	450.19
		<i>For &gt;10 To 20, Deduct</i>	-73.48	
		<i>For &gt;20 To 40, Deduct</i>	-134.22	
		<i>For &gt;40, Deduct</i>	-281.18	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0531	EA		24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,377.39	514.50
			<i>For &gt;10 To 20, Deduct</i>	-79.66	
			<i>For &gt;20 To 40, Deduct</i>	-145.84	
			<i>For &gt;40, Deduct</i>	-305.16	
26 56 13 00-0532	EA		26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,431.02	514.50
			<i>For &gt;10 To 20, Deduct</i>	-81.81	
			<i>For &gt;20 To 40, Deduct</i>	-149.59	
			<i>For &gt;40, Deduct</i>	-313.20	
26 56 13 00-0533	EA		28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,550.52	546.66
			<i>For &gt;10 To 20, Deduct</i>	-85.62	
			<i>For &gt;20 To 40, Deduct</i>	-156.67	
			<i>For &gt;40, Deduct</i>	-327.91	
26 56 13 00-0534	EA		30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,670.03	578.81
			<i>For &gt;10 To 20, Deduct</i>	-89.44	
			<i>For &gt;20 To 40, Deduct</i>	-163.75	
			<i>For &gt;40, Deduct</i>	-342.62	
26 56 13 00-0535	EA		10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,735.50	225.09
			<i>For &gt;10 To 20, Deduct</i>	-62.67	
			<i>For &gt;20 To 40, Deduct</i>	-112.48	
			<i>For &gt;40, Deduct</i>	-237.82	
26 56 13 00-0536	EA		12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,848.70	257.25
			<i>For &gt;10 To 20, Deduct</i>	-66.23	
			<i>For &gt;20 To 40, Deduct</i>	-119.12	
			<i>For &gt;40, Deduct</i>	-251.58	
26 56 13 00-0537	EA		14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,961.90	289.41
			<i>For &gt;10 To 20, Deduct</i>	-69.79	
			<i>For &gt;20 To 40, Deduct</i>	-125.76	
			<i>For &gt;40, Deduct</i>	-265.34	
26 56 13 00-0538	EA		16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,076.68	321.56
			<i>For &gt;10 To 20, Deduct</i>	-73.42	
			<i>For &gt;20 To 40, Deduct</i>	-132.51	
			<i>For &gt;40, Deduct</i>	-279.35	
26 56 13 00-0539	EA		18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,197.77	353.72
			<i>For &gt;10 To 20, Deduct</i>	-77.30	
			<i>For &gt;20 To 40, Deduct</i>	-139.70	
			<i>For &gt;40, Deduct</i>	-294.29	
26 56 13 00-0540	EA		20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,328.32	385.87
			<i>For &gt;10 To 20, Deduct</i>	-81.56	
			<i>For &gt;20 To 40, Deduct</i>	-147.55	
			<i>For &gt;40, Deduct</i>	-310.66	
26 56 13 00-0541	EA		22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,537.37	450.19
			<i>For &gt;10 To 20, Deduct</i>	-87.99	
			<i>For &gt;20 To 40, Deduct</i>	-159.61	
			<i>For &gt;40, Deduct</i>	-335.59	
26 56 13 00-0542	EA		24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,748.01	514.50
			<i>For &gt;10 To 20, Deduct</i>	-94.49	
			<i>For &gt;20 To 40, Deduct</i>	-171.78	
			<i>For &gt;40, Deduct</i>	-360.75	
26 56 13 00-0543	EA		26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,830.01	514.50
			<i>For &gt;10 To 20, Deduct</i>	-97.77	
			<i>For &gt;20 To 40, Deduct</i>	-177.52	
			<i>For &gt;40, Deduct</i>	-373.05	
26 56 13 00-0544	EA		28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,023.64	546.66
			<i>For &gt;10 To 20, Deduct</i>	-104.55	
			<i>For &gt;20 To 40, Deduct</i>	-189.79	
			<i>For &gt;40, Deduct</i>	-398.88	
26 56 13 00-0545	EA		30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,181.00	578.81
			<i>For &gt;10 To 20, Deduct</i>	-109.88	
			<i>For &gt;20 To 40, Deduct</i>	-199.52	
			<i>For &gt;40, Deduct</i>	-419.27	
26 56 13 00-0546	EA		32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,306.20	594.88
			<i>For &gt;10 To 20, Deduct</i>	-114.40	
			<i>For &gt;20 To 40, Deduct</i>	-207.64	
			<i>For &gt;40, Deduct</i>	-436.44	
26 56 13 00-0547	EA		34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	3,431.41	610.97
			<i>For &gt;10 To 20, Deduct</i>	-118.93	
			<i>For &gt;20 To 40, Deduct</i>	-215.76	
			<i>For &gt;40, Deduct</i>	-453.62	
<b>26 56 13 00-0548</b>			<b>Round Tapered, Fiberglass Area Light Poles, Direct Burial</b> <small>(26 56 13 00-0511)</small>		
26 56 13 00-0549	EA		10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	851.46	160.78
			<i>For &gt;10 To 20, Deduct</i>	-29.24	
			<i>For &gt;20 To 40, Deduct</i>	-53.17	
			<i>For &gt;40, Deduct</i>	-111.64	
26 56 13 00-0550	EA		12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	913.58	176.85
			<i>For &gt;10 To 20, Deduct</i>	-31.24	
			<i>For &gt;20 To 40, Deduct</i>	-56.88	
			<i>For &gt;40, Deduct</i>	-119.35	
26 56 13 00-0551	EA		14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	974.12	192.94
			<i>For &gt;10 To 20, Deduct</i>	-33.18	
			<i>For &gt;20 To 40, Deduct</i>	-60.47	
			<i>For &gt;40, Deduct</i>	-126.82	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0552	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,000.93	192.94
			<i>For &gt;10 To 20, Deduct</i>	-34.25	
			<i>For &gt;20 To 40, Deduct</i>	-62.35	
			<i>For &gt;40, Deduct</i>	-130.85	
26 56	13 00-0553	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,077.25	209.01
			<i>For &gt;10 To 20, Deduct</i>	-36.82	
			<i>For &gt;20 To 40, Deduct</i>	-67.05	
			<i>For &gt;40, Deduct</i>	-140.69	
26 56	13 00-0554	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,140.95	225.09
			<i>For &gt;10 To 20, Deduct</i>	-38.89	
			<i>For &gt;20 To 40, Deduct</i>	-70.86	
			<i>For &gt;40, Deduct</i>	-148.63	
26 56	13 00-0555	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,209.37	241.17
			<i>For &gt;10 To 20, Deduct</i>	-41.14	
			<i>For &gt;20 To 40, Deduct</i>	-75.01	
			<i>For &gt;40, Deduct</i>	-157.29	
26 56	13 00-0556	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,285.69	257.25
			<i>For &gt;10 To 20, Deduct</i>	-43.71	
			<i>For &gt;20 To 40, Deduct</i>	-79.71	
			<i>For &gt;40, Deduct</i>	-167.13	
26 56	13 00-0557	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,437.09	257.25
			<i>For &gt;10 To 20, Deduct</i>	-49.77	
			<i>For &gt;20 To 40, Deduct</i>	-90.31	
			<i>For &gt;40, Deduct</i>	-189.84	
26 56	13 00-0558	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,620.64	273.32
			<i>For &gt;10 To 20, Deduct</i>	-56.63	
			<i>For &gt;20 To 40, Deduct</i>	-102.51	
			<i>For &gt;40, Deduct</i>	-215.76	
26 56	13 00-0559	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,804.19	289.41
			<i>For &gt;10 To 20, Deduct</i>	-63.49	
			<i>For &gt;20 To 40, Deduct</i>	-114.72	
			<i>For &gt;40, Deduct</i>	-241.69	
26 56	13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	996.55	160.78
			<i>For &gt;10 To 20, Deduct</i>	-35.04	
			<i>For &gt;20 To 40, Deduct</i>	-63.33	
			<i>For &gt;40, Deduct</i>	-133.40	
26 56	13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,066.56	176.85
			<i>For &gt;10 To 20, Deduct</i>	-37.36	
			<i>For &gt;20 To 40, Deduct</i>	-67.58	
			<i>For &gt;40, Deduct</i>	-142.30	
26 56	13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,136.56	192.94
			<i>For &gt;10 To 20, Deduct</i>	-39.67	
			<i>For &gt;20 To 40, Deduct</i>	-71.84	
			<i>For &gt;40, Deduct</i>	-151.19	
26 56	13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,175.98	192.94
			<i>For &gt;10 To 20, Deduct</i>	-41.25	
			<i>For &gt;20 To 40, Deduct</i>	-74.60	
			<i>For &gt;40, Deduct</i>	-157.10	
26 56	13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,245.99	209.01
			<i>For &gt;10 To 20, Deduct</i>	-43.57	
			<i>For &gt;20 To 40, Deduct</i>	-78.86	
			<i>For &gt;40, Deduct</i>	-166.00	
26 56	13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,316.00	225.09
			<i>For &gt;10 To 20, Deduct</i>	-45.89	
			<i>For &gt;20 To 40, Deduct</i>	-83.12	
			<i>For &gt;40, Deduct</i>	-174.89	
26 56	13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,386.00	241.17
			<i>For &gt;10 To 20, Deduct</i>	-48.20	
			<i>For &gt;20 To 40, Deduct</i>	-87.37	
			<i>For &gt;40, Deduct</i>	-183.78	
26 56	13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,492.28	257.25
			<i>For &gt;10 To 20, Deduct</i>	-51.97	
			<i>For &gt;20 To 40, Deduct</i>	-94.17	
			<i>For &gt;40, Deduct</i>	-198.12	
26 56	13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,638.95	257.25
			<i>For &gt;10 To 20, Deduct</i>	-57.84	
			<i>For &gt;20 To 40, Deduct</i>	-104.44	
			<i>For &gt;40, Deduct</i>	-220.12	
26 56	13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,819.36	273.32
			<i>For &gt;10 To 20, Deduct</i>	-64.57	
			<i>For &gt;20 To 40, Deduct</i>	-116.42	
			<i>For &gt;40, Deduct</i>	-245.57	
26 56	13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,998.17	289.41
			<i>For &gt;10 To 20, Deduct</i>	-71.24	
			<i>For &gt;20 To 40, Deduct</i>	-128.30	
			<i>For &gt;40, Deduct</i>	-270.79	
26 56	13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,124.29	160.78
			<i>For &gt;10 To 20, Deduct</i>	-40.15	
			<i>For &gt;20 To 40, Deduct</i>	-72.27	
			<i>For &gt;40, Deduct</i>	-152.57	
26 56	13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,184.84	176.85
			<i>For &gt;10 To 20, Deduct</i>	-42.09	
			<i>For &gt;20 To 40, Deduct</i>	-75.86	
			<i>For &gt;40, Deduct</i>	-160.04	





<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0573	EA		14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,243.80	192.94
			For >10 To 20, Deduct	-43.96	
			For >20 To 40, Deduct	-79.35	
			For >40, Deduct	-167.28	
26 56 13 00-0574	EA		16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,270.61	192.94
			For >10 To 20, Deduct	-45.04	
			For >20 To 40, Deduct	-81.23	
			For >40, Deduct	-171.30	
26 56 13 00-0575	EA		18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,329.58	209.01
			For >10 To 20, Deduct	-46.91	
			For >20 To 40, Deduct	-84.71	
			For >40, Deduct	-178.54	
26 56 13 00-0576	EA		20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,390.12	225.09
			For >10 To 20, Deduct	-48.85	
			For >20 To 40, Deduct	-88.30	
			For >40, Deduct	-186.01	
26 56 13 00-0577	EA		22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,504.28	241.17
			For >10 To 20, Deduct	-52.94	
			For >20 To 40, Deduct	-95.65	
			For >40, Deduct	-201.53	
26 56 13 00-0578	EA		24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,637.37	257.25
			For >10 To 20, Deduct	-57.78	
			For >20 To 40, Deduct	-104.33	
			For >40, Deduct	-219.88	
26 56 13 00-0579	EA		26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,728.84	257.25
			For >10 To 20, Deduct	-61.44	
			For >20 To 40, Deduct	-110.73	
			For >40, Deduct	-233.60	
26 56 13 00-0580	EA		28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,854.05	273.32
			For >10 To 20, Deduct	-65.96	
			For >20 To 40, Deduct	-118.85	
			For >40, Deduct	-250.77	
26 56 13 00-0581	EA		30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,979.25	289.41
			For >10 To 20, Deduct	-70.49	
			For >20 To 40, Deduct	-126.97	
			For >40, Deduct	-267.95	
<b>26 56 13 00-0582</b>			<b>Factory Accessories For Fiberglass Area Light Poles (26 56 13 00-0510)</b>		
26 56 13 00-0583	EA		Open Or Capped Top For Fiberglass Area Light Poles .....	55.91	
26 56 13 00-0584	EA		Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles .....	55.91	
26 56 13 00-0585	EA		Smooth Shaft Finish For Fiberglass Area Light Poles .....	106.09	
26 56 13 00-0586	EA		Vibration Dampener For Fiberglass Area Light Poles.....	140.50	
<b>26 56 13 00-0587</b>			<b>Concrete Area Light Poles (26 56 13 00-0177)</b>		
<b>26 56 13 00-0588</b>			<b>Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base (26 56 13 00-0587)</b>		
26 56 13 00-0589	EA		28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	2,344.10	546.66
26 56 13 00-0590	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	2,470.95	578.81
26 56 13 00-0591	EA		33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	2,564.19	594.88
26 56 13 00-0592	EA		36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	3,212.72	610.97
26 56 13 00-0593	EA		38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	3,575.64	643.12
26 56 13 00-0594	EA		43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	4,418.06	836.06
26 56 13 00-0595	EA		47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	5,287.63	1,029.00
26 56 13 00-0596	EA		27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	5,211.35	546.66
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0597	EA		30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base .....	6,024.41	578.81
			Note: Polished brown with acrylic coating finish.		
26 56 13 00-0598	EA		Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40' .....	683.52	192.94
26 56 13 00-0599	EA		13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design .....	3,125.92	385.75
26 56 13 00-0600	EA		Pole Base Cover For All Octagon Poles .....	264.35	78.72
26 56 13 00-0601	EA		Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze.....	543.16	157.43
<b>26 56 13 00-0602</b>			<b>Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)</b>		
			Note: Round or square.		
26 56 13 00-0603	EA		13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,580.66	257.25
26 56 13 00-0604	EA		16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	2,910.23	321.56
26 56 13 00-0605	EA		18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	3,207.71	385.87
26 56 13 00-0606	EA		30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	4,461.72	578.81
26 56 13 00-0607	EA		35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	5,155.76	610.97
26 56 13 00-0608	EA		40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	5,906.69	643.12
26 56 13 00-0609	EA		45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial.....	6,830.09	836.06
<b>26 56 13 00-0610</b>			<b>Round Tapered, Spun Concrete Area Light Poles, Direct Burial (26 56 13 00-0587)</b>		
26 56 13 00-0611	EA		60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22) .....	18,781.15	1,447.02
26 56 13 00-0612	EA		70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24) .....	22,440.39	1,806.71
26 56 13 00-0613	EA		80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26) .....	26,608.37	2,440.65

<b>26</b>	<b>26</b>	<b>Electrical</b>
	<b>26 50</b>	<b>Lighting</b>
	<b>26 56</b>	<b>Exterior Lighting</b>



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0614		<b>Treated Wood Area Light Poles</b> <small>(26 56 13 00-0177)</small> See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615		<b>Cast Iron Decorative Light Posts</b> <small>(26 56 13 00-0177)</small>		
26 56 13 00-0616		<b>Round Tapered, Cast Iron Decorative Light Post, Anchor Base</b> <small>(26 56 13 00-0615)</small> Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617	EA	10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	1,544.34	160.78
26 56 13 00-0618	EA	12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	1,625.69	185.22
26 56 13 00-0619	EA	14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	1,764.39	192.94
26 56 13 00-0620	EA	16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	2,170.09	225.09
26 56 13 00-0621	EA	18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	2,538.06	244.39
26 56 13 00-0622	EA	20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base .....	2,924.01	263.68
26 56 13 00-0623		<b>Landscape Light Poles</b> <small>(26 56 13 00-0001)</small> Note: Excludes lighting fixtures.		
26 56 13 00-0624		<b>Aluminum Landscape Light Poles</b> <small>(26 56 13 00-0623)</small> Note: Includes painted finish.		
26 56 13 00-0625		<b>Round Straight, Aluminum Landscape Light Poles</b> <small>(26 56 13 00-0624)</small>		
26 56 13 00-0626		<b>Round Straight, Aluminum Landscape Light Poles, Anchor Base</b> <small>(26 56 13 00-0625)</small>		
26 56 13 00-0627	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	489.03	192.94
26 56 13 00-0628	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base.....	840.97	257.25
26 56 13 00-0629		<b>Round Straight, Aluminum Landscape Light Poles, Direct Burial</b> <small>(26 56 13 00-0625)</small>		
26 56 13 00-0630	EA	7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	440.48	192.94
26 56 13 00-0631	EA	12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial.....	792.42	257.25
26 56 13 00-0632		<b>Steel Landscape Light Poles</b> <small>(26 56 13 00-0623)</small> Note: Includes painted finish.		
26 56 13 00-0633		<b>Round Straight, Steel Landscape Light Poles</b> <small>(26 56 13 00-0632)</small>		
26 56 13 00-0634		<b>Round Straight, Steel Landscape Light Poles, Anchor Base</b> <small>(26 56 13 00-0633)</small>		
26 56 13 00-0635	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base.....	586.66	192.94
26 56 13 00-0636		<b>Round Straight, Steel Landscape Light Poles, Direct Burial</b> <small>(26 56 13 00-0633)</small>		
26 56 13 00-0637	EA	6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial.....	541.68	192.94
26 56 13 00-0638		<b>Light Pole Brackets And Arms</b> <small>(26 56 13 00-0001)</small>		
26 56 13 00-0639		<b>Light Pole Brackets</b> <small>(26 56 13 00-0638)</small>		
26 56 13 00-0640		<b>Bullhorn Style, Pole Top Area Light Brackets</b> <small>(26 56 13 00-0639)</small>		
26 56 13 00-0641		<b>Round Bullhorn Style, Pole Top Area Light Brackets</b> <small>(26 56 13 00-0640)</small>		
26 56 13 00-0642		<b>Steel, Round Bullhorn Style, Pole Top Area Light Brackets</b> <small>(26 56 13 00-0641)</small> Note: Includes powdercoat finish.		
26 56 13 00-0643	EA	Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	882.38	38.59
		<i>For Galvanized Finish, Add</i>	80.52	
26 56 13 00-0644	EA	Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket .....	1,125.31	38.59
		<i>For Galvanized Finish, Add</i>	104.81	
26 56 13 00-0645	EA	Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket .....	1,199.47	38.59
		<i>For Galvanized Finish, Add</i>	112.23	
26 56 13 00-0646	EA	Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket .....	1,657.22	38.59
		<i>For Galvanized Finish, Add</i>	158.01	
26 56 13 00-0647	EA	Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket .....	1,728.50	38.59
		<i>For Galvanized Finish, Add</i>	165.13	
26 56 13 00-0648		<b>Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets</b> <small>(26 56 13 00-0641)</small> Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA	Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket .....	266.12	38.59
		<i>For Bronze Or Satin Anodized Finish, Add</i>	18.90	
		<i>For Black Anodized Finish, Add</i>	37.79	
26 56 13 00-0650	EA	Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	326.39	38.59
		<i>For Bronze Or Satin Anodized Finish, Add</i>	24.92	
		<i>For Black Anodized Finish, Add</i>	49.84	
26 56 13 00-0651	EA	Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	342.62	38.59
		<i>For Bronze Or Satin Anodized Finish, Add</i>	26.55	
		<i>For Black Anodized Finish, Add</i>	53.09	
26 56 13 00-0652	EA	Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	399.42	38.59
		<i>For Bronze Or Satin Anodized Finish, Add</i>	32.23	
		<i>For Black Anodized Finish, Add</i>	64.45	
26 56 13 00-0653	EA	Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	411.01	38.59
		<i>For Bronze Or Satin Anodized Finish, Add</i>	33.38	
		<i>For Black Anodized Finish, Add</i>	66.77	



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0654 Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0655 Steel, Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0654) Note: Includes powdercoat finish.		
26 56 13 00-0656 EA Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....951.74		38.59
For Galvanized Finish, Add	87.46	
26 56 13 00-0657 EA Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....1,184.45		38.59
For Galvanized Finish, Add	110.73	
26 56 13 00-0658 EA Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....1,457.75		38.59
For Galvanized Finish, Add	138.06	
26 56 13 00-0659 EA Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket .....1,732.34		38.59
For Galvanized Finish, Add	165.52	
26 56 13 00-0660 Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0661 Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0660) Note: Includes powdercoat finish.		
26 56 13 00-0662 EA One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....873.41		64.31
26 56 13 00-0663 EA Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....1,349.70		64.31
26 56 13 00-0664 EA Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....1,913.25		64.31
26 56 13 00-0665 EA Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket .....2,098.65		64.31
26 56 13 00-0666 Light Pole Arms (26 56 13 00-0638)		
26 56 13 00-0667 Wood Pole Streetlight Arms (26 56 13 00-0666)		
26 56 13 00-0668 Steel, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0669 EA 1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....487.20		57.88
26 56 13 00-0670 EA 1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....512.52		64.31
26 56 13 00-0671 EA 1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....588.48		80.39
26 56 13 00-0672 EA 2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....740.76		64.31
26 56 13 00-0673 EA 2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....816.07		80.39
26 56 13 00-0674 EA 2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....991.75		96.47
26 56 13 00-0675 Aluminum, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0676 EA 1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....258.42		64.31
26 56 13 00-0677 EA 2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....324.99		64.31
26 56 13 00-0678 EA 2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....436.24		80.39
26 56 13 00-0679 EA 2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....575.08		96.47
26 56 13 00-0680 Area Light Arms (26 56 13 00-0666)		
26 56 13 00-0681 Steel Area Light Arms (26 56 13 00-0680)		
26 56 13 00-0682 EA Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....977.81		64.31
26 56 13 00-0683 EA Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....1,564.55		70.74
26 56 13 00-0684 EA Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....1,739.95		77.17
26 56 13 00-0685 EA Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....2,074.58		83.61
26 56 13 00-0686 EA Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....1,162.56		80.39
26 56 13 00-0687 EA Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....1,689.58		86.82
26 56 13 00-0688 Aluminum Area Light Arms (26 56 13 00-0680)		
26 56 13 00-0689 EA Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....317.57		64.31
26 56 13 00-0690 EA Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....391.46		80.39
26 56 13 00-0691 EA Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....467.67		96.47
26 56 13 00-0692 EA Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....315.25		64.31
26 56 13 00-0693 EA Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....453.31		70.74
26 56 13 00-0694 EA Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....386.82		80.39
26 56 13 00-0695 EA Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....552.69		86.82
26 56 13 00-0696 EA Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....469.98		96.47
26 56 13 00-0697 EA Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....671.79		102.90
26 56 13 00-0698 Removal And Reinstallation Of Lighting Pole (26 56 13 00-0001)		
26 56 13 00-0699 EA Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms .....2,122.51		
26 56 13 00-0700 High Mast Lighting (26 56 13 00-0001)		
26 56 13 00-0701 High Mast Lighting Assemblies (26 56 13 00-0700) Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole. See CSI section 26 56 21 00-0001 for high mast fixtures.		
26 56 13 00-0702 EA 60' High Mast Lighting Assembly .....58,096.95		2,005.51
26 56 13 00-0703 EA 70' High Mast Lighting Assembly .....61,371.60		2,100.47
26 56 13 00-0704 EA 80' High Mast Lighting Assembly .....64,675.77		2,237.66



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 13 00-0705	EA	90' High Mast Lighting Assembly .....	68,007.51	2,417.06
26 56 13 00-0706	EA	100' High Mast Lighting Assembly .....	71,352.94	2,638.60
26 56 13 00-0707	EA	110' High Mast Lighting Assembly .....	75,657.60	2,902.66
26 56 13 00-0708	EA	120' High Mast Lighting Assembly .....	79,128.06	3,166.50
26 56 13 00-0709	EA	130' High Mast Lighting Assembly .....	82,329.73	3,430.34
26 56 13 00-0710	EA	140' High Mast Lighting Assembly .....	85,800.20	3,694.31
26 56 13 00-0711	EA	150' High Mast Lighting Assembly .....	90,031.27	3,958.16
<b>26 56 13 00-0712</b>		<b>High Mast Light Poles</b> <small>(26 56 13 00-0700)</small>		
26 56 13 00-0713	EA	60' High Mast Light Poles .....	21,945.62	1,204.47
26 56 13 00-0714	EA	70' High Mast Light Poles .....	25,191.73	1,261.53
26 56 13 00-0715	EA	80' High Mast Light Poles .....	28,454.71	1,343.94
26 56 13 00-0716	EA	90' High Mast Light Poles .....	31,732.56	1,451.71
26 56 13 00-0717	EA	100' High Mast Light Poles .....	35,027.27	1,584.83
26 56 13 00-0718	EA	110' High Mast Light Poles .....	38,338.85	1,743.32
26 56 13 00-0719	EA	120' High Mast Light Poles .....	40,834.08	1,901.80
26 56 13 00-0720	EA	130' High Mast Light Poles .....	40,998.24	3,524.67
26 56 13 00-0721	EA	140' High Mast Light Poles .....	45,553.76	2,218.77
26 56 13 00-0722	EA	150' High Mast Light Poles .....	48,319.77	2,377.26
<b>26 56 13 00-0723</b>		<b>High Mast Lighting Accessories</b> <small>(26 56 13 00-0700)</small>		
		See CSI section 26 55 13 00-0119 for lighting fixtures, 26 56 21 00-0001 for light fixtures.		
26 56 13 00-0724	EA	Bottom Latching System For High Mast Lighting .....	1,022.42	
26 56 13 00-0725	EA	Top Latching System For High Mast Lighting .....	2,900.68	
26 56 13 00-0726	EA	Centering Springs For High Mast Lighting .....	2,196.91	
26 56 13 00-0727	EA	Electric Power Cord For High Mast Lighting .....	921.70	
26 56 13 00-0728	EA	Aircraft Warning Lights For High Mast Lighting .....	1,714.22	
26 56 13 00-0729	EA	Internal Motorized Hoist For High Mast Lighting .....	18,834.71	
26 56 13 00-0730	EA	Portable Hoist Motor With Step Down Transformer For High Mast Lighting .....	18,939.16	
<b>26 56 13 00-0731</b>		<b>Concrete Bases</b> <small>(26 56 13 00-0001)</small>		
<b>26 56 13 00-0732</b>		<b>Concrete Bases, Cast In Place</b> <small>(26 56 13 00-0731)</small>		
		Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.		
26 56 13 00-0733	EA	Cast In Place Concrete Base For Poles Minimum Charge .....	445.42	
		Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
26 56 13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles .....	69.67	
26 56 13 00-0735	VLF	2' Diameter Concrete Base For Poles .....	99.13	
26 56 13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles .....	135.18	
26 56 13 00-0737	VLF	3' Diameter Concrete Base For Poles .....	178.90	
26 56 13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles .....	239.57	
26 56 13 00-0739	VLF	4' Diameter Concrete Base For Poles .....	302.30	
26 56 13 00-0740	VLF	5' Diameter Concrete Base For Poles .....	441.91	
26 56 13 00-0741	VLF	6' Diameter Concrete Base For Poles .....	610.50	
<b>26 56 18</b>		<b>Incandescent Exterior Lighting</b> <small>(26 56)</small>		
<b>26 56 18 00-0001</b>		<b>Exterior Globe</b> <small>(26 56 18)</small>		
<b>26 56 18 00-0002</b>		<b>Incandescent, Exterior Globe</b> <small>(26 56 18 00-0001)</small>		
26 56 18 00-0003	EA	100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture .....	57.32	21.18
26 56 18 00-0004	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture .....	87.79	21.18
26 56 18 00-0005	EA	100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture .....	67.07	21.18
26 56 18 00-0006	EA	150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture .....	91.55	21.18
<b>26 56 18 00-0007</b>		<b>Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures</b> <small>(26 56 18)</small>		
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA	7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	256.35	84.71
26 56 18 00-0009	EA	9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	266.98	90.01
26 56 18 00-0010	EA	13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	294.58	95.30
26 56 18 00-0011	EA	75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	284.80	105.89
26 56 18 00-0012	EA	100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	319.94	121.77
<b>26 56 19</b>		<b>LED Exterior Lighting</b> <small>(26 56)</small>		
<b>26 56 19 00-0001</b>		<b>LED, Wall Packs</b> <small>(26 56 19)</small>		
<b>26 56 19 00-0002</b>		<b>Full Cutoff, LED Wall Packs</b> <small>(26 56 19 00-0001)</small>		
<b>26 56 19 00-0003</b>		<b>Full Cutoff, LED Wall Packs (Lithonia)</b> <small>(26 56 19 00-0002)</small>		



	<b>Electrical</b>	<b>26</b>
	<b>Lighting</b>	<b>26 50</b>
	<b>Exterior Lighting</b>	<b>26 56</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0004	EA		30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED) .....	972.75	112.91
			<i>For &gt;50 To 100, Deduct</i>	-48.64	
			<i>For &gt;100 To 250, Deduct</i>	-72.96	
			<i>For &gt;250 To 500, Deduct</i>	-115.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-158.94	
			<i>For &gt;1,000, Deduct</i>	-201.93	
26 56 19 00-0005	EA		30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED) .....	1,053.83	112.91
			<i>For &gt;50 To 100, Deduct</i>	-52.69	
			<i>For &gt;100 To 250, Deduct</i>	-79.04	
			<i>For &gt;250 To 500, Deduct</i>	-126.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-173.13	
			<i>For &gt;1,000, Deduct</i>	-220.17	
26 56 19 00-0006			Full Cutoff, LED Wall Packs (CREE® BetaLED®) <small>(26 56 19 00-0002)</small>		
26 56 19 00-0007			Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) <small>(26 56 19 00-0006)</small>		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0008	EA		20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) .....	1,034.26	109.69
			Note: Includes 350mA or 525mA driver.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	53.48	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-51.71	
			<i>For &gt;100 To 250, Deduct</i>	-77.57	
			<i>For &gt;250 To 500, Deduct</i>	-123.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-170.03	
			<i>For &gt;1,000, Deduct</i>	-216.26	
26 56 19 00-0009	EA		40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) .....	1,342.42	116.14
			Note: Includes 350mA or 525mA driver.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	54.12	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-67.12	
			<i>For &gt;100 To 250, Deduct</i>	-100.68	
			<i>For &gt;250 To 500, Deduct</i>	-162.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-223.31	
			<i>For &gt;1,000, Deduct</i>	-284.62	
26 56 19 00-0010	EA		60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) .....	1,507.83	122.59
			Note: Includes 350mA or 525mA driver.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	54.77	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-75.39	
			<i>For &gt;100 To 250, Deduct</i>	-113.09	
			<i>For &gt;250 To 500, Deduct</i>	-182.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-251.61	
			<i>For &gt;1,000, Deduct</i>	-320.87	
26 56 19 00-0011	EA		80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) .....	1,958.74	129.04
			Note: Includes 350mA or 525mA driver.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	55.41	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-97.94	
			<i>For &gt;100 To 250, Deduct</i>	-146.91	
			<i>For &gt;250 To 500, Deduct</i>	-238.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-329.88	
			<i>For &gt;1,000, Deduct</i>	-421.36	
26 56 19 00-0012	EA		100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) .....	2,266.90	135.50
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	56.06	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-113.35	
			<i>For &gt;100 To 250, Deduct</i>	-170.02	
			<i>For &gt;250 To 500, Deduct</i>	-276.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-383.16	
			<i>For &gt;1,000, Deduct</i>	-489.73	



<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 56 Exterior Lighting</b>



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0013	EA 120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG) ..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For Bird Spikes, Add</i> <i>For Fuse, Add</i> <i>For 0 To 10 Volt Dimming, Add</i> <i>For 480 Volt, Add</i> <i>For Multi-Level, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	2,575.06 22.49 56.71 67.48 67.48 101.23 146.21 -128.75 -193.13 -314.79 -436.44 -558.10	141.95
26 56 19 00-0014	Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™) <sup>(26 56 19 00-0006)</sup> Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0015	EA 25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) ..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For 0 To 10 Volt Dimming, Add</i> <i>For Multi-Level, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	595.82 22.49 67.48 67.48 -29.79 -44.69 -68.99 -93.30 -117.61	109.69
26 56 19 00-0016	EA 42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™) ..... <i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i> <i>For 0 To 10 Volt Dimming, Add</i> <i>For Multi-Level, Add</i> <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	696.56 22.49 67.48 67.48 -34.83 -52.24 -81.26 -110.28 -139.31	116.14
26 56 19 00-0017	Full Cutoff, LED Wall Packs (McGraw-Edison) <sup>(26 56 19 00-0002)</sup>		
26 56 19 00-0018	EA One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,303.28	109.69
26 56 19 00-0019	EA Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,623.94	116.14
26 56 19 00-0020	EA One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,319.12	109.69
26 56 19 00-0021	EA Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,768.76	116.14
26 56 19 00-0022	Open Face LED Wall Pack <sup>(26 56 19 00-0001)</sup> Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0023	EA 3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	703.74 -35.19 -52.78 -79.27 -105.77 -132.26	115.91
26 56 19 00-0024	EA 5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	722.20 -36.11 -54.17 -81.58 -109.00 -136.42	115.91
26 56 19 00-0025	EA 7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	761.90 -38.10 -57.14 -86.54 -115.95 -145.35	115.91
26 56 19 00-0026	EA 11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	796.05 -39.80 -59.70 -90.81 -121.92 -153.03	115.91
26 56 19 00-0027	EA 16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS)..... <i>For &gt;50 To 100, Deduct</i> <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 500, Deduct</i> <i>For &gt;500 To 1,000, Deduct</i> <i>For &gt;1,000, Deduct</i>	856.71 -42.84 -64.25 -98.40 -132.54 -166.68	115.91
26 56 19 00-0028	Wall Pack Accessories <sup>(26 56 19 00-0001)</sup>		
26 56 19 00-0029	EA Photocell For Wall Pack.....	137.70	28.98
26 56 19 00-0030	EA Wire Guard For Mini And Small Wall Pack .....	154.37	28.98
26 56 19 00-0031	EA Wire Guard For Medium And Large Wall Pack .....	224.08	28.98



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0032 EA Clear Polycarbonate Vandal Guard For Wall Packs .....	324.69	28.98
26 56 19 00-0033 EA Full Cutoff Visor For Wall Pack .....	149.82	28.98
<b>26 56 19 00-0034 LED, Roadway Lighting (26 56 19)</b>		
<b>26 56 19 00-0035 LED Roadway Lighting (Philips Lumec) (26 56 19 00-0034)</b>		
<b>26 56 19 00-0036 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) (26 56 19 00-0035)</b>		
Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0037 EA 49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series).....	1,453.01	155.17
For >50 To 100, Deduct	-72.65	
For >100 To 250, Deduct	-108.98	
For >250 To 500, Deduct	-173.87	
For >500 To 1,000, Deduct	-238.76	
For >1,000, Deduct	-303.65	
26 56 19 00-0038 EA 98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series) .....	2,268.38	159.37
For >50 To 100, Deduct	-113.42	
For >100 To 250, Deduct	-170.13	
For >250 To 500, Deduct	-275.58	
For >500 To 1,000, Deduct	-381.03	
For >1,000, Deduct	-486.48	
<b>26 56 19 00-0039 Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) (26 56 19 00-0035)</b>		
Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0040 EA 48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series).....	1,165.81	155.17
For >50 To 100, Deduct	-58.29	
For >100 To 250, Deduct	-87.44	
For >250 To 500, Deduct	-137.97	
For >500 To 1,000, Deduct	-188.50	
For >1,000, Deduct	-239.03	
26 56 19 00-0041 EA 48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,251.36	155.17
For >50 To 100, Deduct	-62.57	
For >100 To 250, Deduct	-93.85	
For >250 To 500, Deduct	-148.66	
For >500 To 1,000, Deduct	-203.47	
For >1,000, Deduct	-258.28	
26 56 19 00-0042 EA 48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,336.90	155.17
For >50 To 100, Deduct	-66.85	
For >100 To 250, Deduct	-100.27	
For >250 To 500, Deduct	-159.35	
For >500 To 1,000, Deduct	-218.44	
For >1,000, Deduct	-277.53	
<b>26 56 19 00-0043 LED Roadway Lighting (Lithonia) (26 56 19 00-0034)</b>		
<b>26 56 19 00-0044 Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) (26 56 19 00-0043)</b>		
Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0045 EA 30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	2,377.36	146.79
For >50 To 100, Deduct	-118.87	
For >100 To 250, Deduct	-178.30	
For >250 To 500, Deduct	-289.83	
For >500 To 1,000, Deduct	-401.36	
For >1,000, Deduct	-512.89	
26 56 19 00-0046 EA 60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	3,957.70	150.99
For >50 To 100, Deduct	-197.89	
For >100 To 250, Deduct	-296.83	
For >250 To 500, Deduct	-487.16	
For >500 To 1,000, Deduct	-677.50	
For >1,000, Deduct	-867.84	
<b>26 56 19 00-0047 LED Roadway Lighting (CREE® BetaLED®) (26 56 19 00-0034)</b>		
<b>26 56 19 00-0048 Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) (26 56 19 00-0047)</b>		
Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 56 19 00-0049	EA	20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	937.50	142.60
		<i>For &gt;50 To 100, Deduct</i>	-46.88	
		<i>For &gt;100 To 250, Deduct</i>	-70.31	
		<i>For &gt;250 To 500, Deduct</i>	-110.06	
		<i>For &gt;500 To 1,000, Deduct</i>	-149.80	
		<i>For &gt;1,000, Deduct</i>	-189.55	
26 56 19 00-0050	EA	30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,056.50	146.79
		<i>For &gt;50 To 100, Deduct</i>	-52.83	
		<i>For &gt;100 To 250, Deduct</i>	-79.24	
		<i>For &gt;250 To 500, Deduct</i>	-124.72	
		<i>For &gt;500 To 1,000, Deduct</i>	-170.21	
		<i>For &gt;1,000, Deduct</i>	-215.69	
26 56 19 00-0051	EA	40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,200.31	150.99
		<i>For &gt;50 To 100, Deduct</i>	-60.02	
		<i>For &gt;100 To 250, Deduct</i>	-90.02	
		<i>For &gt;250 To 500, Deduct</i>	-142.49	
		<i>For &gt;500 To 1,000, Deduct</i>	-194.96	
		<i>For &gt;1,000, Deduct</i>	-247.42	
26 56 19 00-0052	EA	50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,321.24	155.17
		<i>For &gt;50 To 100, Deduct</i>	-66.06	
		<i>For &gt;100 To 250, Deduct</i>	-99.09	
		<i>For &gt;250 To 500, Deduct</i>	-157.40	
		<i>For &gt;500 To 1,000, Deduct</i>	-215.70	
		<i>For &gt;1,000, Deduct</i>	-274.00	
26 56 19 00-0053	EA	60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,442.15	159.37
		<i>For &gt;50 To 100, Deduct</i>	-72.11	
		<i>For &gt;100 To 250, Deduct</i>	-108.16	
		<i>For &gt;250 To 500, Deduct</i>	-172.30	
		<i>For &gt;500 To 1,000, Deduct</i>	-236.44	
		<i>For &gt;1,000, Deduct</i>	-300.58	
26 56 19 00-0054	EA	70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,730.92	163.56
		<i>For &gt;50 To 100, Deduct</i>	-86.55	
		<i>For &gt;100 To 250, Deduct</i>	-129.82	
		<i>For &gt;250 To 500, Deduct</i>	-208.19	
		<i>For &gt;500 To 1,000, Deduct</i>	-286.55	
		<i>For &gt;1,000, Deduct</i>	-364.92	
26 56 19 00-0055	EA	80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,851.84	167.76
		<i>For &gt;50 To 100, Deduct</i>	-92.59	
		<i>For &gt;100 To 250, Deduct</i>	-138.89	
		<i>For &gt;250 To 500, Deduct</i>	-223.09	
		<i>For &gt;500 To 1,000, Deduct</i>	-307.30	
		<i>For &gt;1,000, Deduct</i>	-391.50	
26 56 19 00-0056	EA	90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,970.85	171.96
		<i>For &gt;50 To 100, Deduct</i>	-98.54	
		<i>For &gt;100 To 250, Deduct</i>	-147.81	
		<i>For &gt;250 To 500, Deduct</i>	-237.76	
		<i>For &gt;500 To 1,000, Deduct</i>	-327.70	
		<i>For &gt;1,000, Deduct</i>	-417.65	
26 56 19 00-0057	EA	100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,204.30	176.14
		<i>For &gt;50 To 100, Deduct</i>	-110.22	
		<i>For &gt;100 To 250, Deduct</i>	-165.32	
		<i>For &gt;250 To 500, Deduct</i>	-266.73	
		<i>For &gt;500 To 1,000, Deduct</i>	-368.14	
		<i>For &gt;1,000, Deduct</i>	-469.55	
26 56 19 00-0058	EA	110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,325.23	180.34
		<i>For &gt;50 To 100, Deduct</i>	-116.26	
		<i>For &gt;100 To 250, Deduct</i>	-174.39	
		<i>For &gt;250 To 500, Deduct</i>	-281.64	
		<i>For &gt;500 To 1,000, Deduct</i>	-388.88	
		<i>For &gt;1,000, Deduct</i>	-496.13	
26 56 19 00-0059	EA	120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,446.15	184.53
		<i>For &gt;50 To 100, Deduct</i>	-122.31	
		<i>For &gt;100 To 250, Deduct</i>	-183.46	
		<i>For &gt;250 To 500, Deduct</i>	-296.54	
		<i>For &gt;500 To 1,000, Deduct</i>	-409.62	
		<i>For &gt;1,000, Deduct</i>	-522.70	

26 56 19 00-0060 Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) (26 56 19 00-0047)

Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0061	EA		40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,896.48	150.99
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-94.82	
			<i>For &gt;100 To 250, Deduct</i>	-142.24	
			<i>For &gt;250 To 500, Deduct</i>	-229.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-316.79	
			<i>For &gt;1,000, Deduct</i>	-404.06	
26 56 19 00-0062	EA		60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,193.64	159.37
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-109.68	
			<i>For &gt;100 To 250, Deduct</i>	-164.52	
			<i>For &gt;250 To 500, Deduct</i>	-266.24	
			<i>For &gt;500 To 1,000, Deduct</i>	-367.95	
			<i>For &gt;1,000, Deduct</i>	-469.66	
26 56 19 00-0063	EA		80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,490.80	167.76
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-124.54	
			<i>For &gt;100 To 250, Deduct</i>	-186.81	
			<i>For &gt;250 To 500, Deduct</i>	-302.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-419.11	
			<i>For &gt;1,000, Deduct</i>	-535.27	
26 56 19 00-0064	EA		100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,787.94	176.14
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-139.40	
			<i>For &gt;100 To 250, Deduct</i>	-209.10	
			<i>For &gt;250 To 500, Deduct</i>	-339.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-470.28	
			<i>For &gt;1,000, Deduct</i>	-600.86	
26 56 19 00-0065	EA		120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,680.19	184.53
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-184.01	
			<i>For &gt;100 To 250, Deduct</i>	-276.01	
			<i>For &gt;250 To 500, Deduct</i>	-450.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-625.58	
			<i>For &gt;1,000, Deduct</i>	-800.36	
26 56 19 00-0066	EA		140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,977.34	192.92
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-198.87	
			<i>For &gt;100 To 250, Deduct</i>	-298.30	
			<i>For &gt;250 To 500, Deduct</i>	-487.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-676.74	
			<i>For &gt;1,000, Deduct</i>	-865.96	
26 56 19 00-0067	EA		160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	4,274.49	201.31
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-213.72	
			<i>For &gt;100 To 250, Deduct</i>	-320.59	
			<i>For &gt;250 To 500, Deduct</i>	-524.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-727.90	
			<i>For &gt;1,000, Deduct</i>	-931.56	
26 56 19 00-0068			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP)</b> <small>(26 56 19 00-0047)</small>		
			Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0069	EA		4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	772.00	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Backlight Control Shield, Add</i>	36.37	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Bird Spikes, Add</i>	57.61	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-38.60	
			<i>For &gt;100 To 250, Deduct</i>	-57.90	
			<i>For &gt;250 To 500, Deduct</i>	-88.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-120.00	
			<i>For &gt;1,000, Deduct</i>	-151.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0070	EA		5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	772.00	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Backlight Control Shield, Add</i>	36.37	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Bird Spikes, Add</i>	57.61	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-38.60	
			<i>For &gt;100 To 250, Deduct</i>	-57.90	
			<i>For &gt;250 To 500, Deduct</i>	-88.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-120.00	
			<i>For &gt;1,000, Deduct</i>	-151.05	
26 56 19 00-0071	EA		8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	857.03	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Backlight Control Shield, Add</i>	36.37	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Bird Spikes, Add</i>	57.61	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For &gt;50 To 100, Deduct</i>	-42.85	
			<i>For &gt;100 To 250, Deduct</i>	-64.28	
			<i>For &gt;250 To 500, Deduct</i>	-99.58	
			<i>For &gt;500 To 1,000, Deduct</i>	-134.88	
			<i>For &gt;1,000, Deduct</i>	-170.18	
26 56 19 00-0072	EA		8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	857.03	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Backlight Control Shield, Add</i>	36.37	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Bird Spikes, Add</i>	57.61	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For &gt;50 To 100, Deduct</i>	-42.85	
			<i>For &gt;100 To 250, Deduct</i>	-64.28	
			<i>For &gt;250 To 500, Deduct</i>	-99.58	
			<i>For &gt;500 To 1,000, Deduct</i>	-134.88	
			<i>For &gt;1,000, Deduct</i>	-170.18	
26 56 19 00-0073	EA		9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	1,008.19	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.88	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	95.42	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-50.41	
			<i>For &gt;100 To 250, Deduct</i>	-75.61	
			<i>For &gt;250 To 500, Deduct</i>	-118.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-161.34	
			<i>For &gt;1,000, Deduct</i>	-204.20	
26 56 19 00-0074	EA		10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	1,008.19	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.88	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	95.42	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For &gt;50 To 100, Deduct</i>	-50.41	
			<i>For &gt;100 To 250, Deduct</i>	-75.61	
			<i>For &gt;250 To 500, Deduct</i>	-118.47	
			<i>For &gt;500 To 1,000, Deduct</i>	-161.34	
			<i>For &gt;1,000, Deduct</i>	-204.20	





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0075 EA 13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,149.92	150.99
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Field Adjustable Output, Add	33.75	
For Backlight Control Shield, Add	52.88	
For Field Adjustable Output And Utility Label, Add	44.99	
For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	67.48	
For Bird Spikes, Add	95.42	
For 480 Volt, Add	101.23	
For >50 To 100, Deduct	-57.50	
For >100 To 250, Deduct	-86.24	
For >250 To 500, Deduct	-136.19	
For >500 To 1,000, Deduct	-186.14	
For >1,000, Deduct	-236.09	
26 56 19 00-0076 EA 14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,149.92	150.99
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Field Adjustable Output, Add	33.75	
For Backlight Control Shield, Add	52.88	
For Field Adjustable Output And Utility Label, Add	44.99	
For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	67.48	
For Bird Spikes, Add	95.42	
For 480 Volt, Add	101.23	
For >50 To 100, Deduct	-57.50	
For >100 To 250, Deduct	-86.24	
For >250 To 500, Deduct	-136.19	
For >500 To 1,000, Deduct	-186.14	
For >1,000, Deduct	-236.09	
26 56 19 00-0077 EA 2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	620.83	150.99
For Utility Label, Add	11.24	
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	33.75	
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-31.04	
For >100 To 250, Deduct	-46.56	
For >250 To 500, Deduct	-70.05	
For >500 To 1,000, Deduct	-93.55	
For >1,000, Deduct	-117.04	
26 56 19 00-0078 EA 2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	620.83	150.99
For Utility Label, Add	11.24	
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	33.75	
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-31.04	
For >100 To 250, Deduct	-46.56	
For >250 To 500, Deduct	-70.05	
For >500 To 1,000, Deduct	-93.55	
For >1,000, Deduct	-117.04	
26 56 19 00-0079 EA 3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	656.26	150.99
For Utility Label, Add	11.24	
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	33.75	
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-32.81	
For >100 To 250, Deduct	-49.22	
For >250 To 500, Deduct	-74.48	
For >500 To 1,000, Deduct	-99.75	
For >1,000, Deduct	-125.01	
26 56 19 00-0080 EA 4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-C).....	656.26	150.99
For Utility Label, Add	11.24	
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	33.75	
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-32.81	
For >100 To 250, Deduct	-49.22	
For >250 To 500, Deduct	-74.48	
For >500 To 1,000, Deduct	-99.75	
For >1,000, Deduct	-125.01	
26 56 19 00-0081 EA 4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	668.07	150.99
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Field Adjustable Output, Add	33.75	
For Field Adjustable Output And Utility Label, Add	44.99	
For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add	67.48	
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-33.40	
For >100 To 250, Deduct	-50.11	
For >250 To 500, Deduct	-75.96	
For >500 To 1,000, Deduct	-101.81	
For >1,000, Deduct	-127.67	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0082	EA		4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A).....	668.07	150.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For &gt;50 To 100, Deduct</i>	-33.40	
			<i>For &gt;100 To 250, Deduct</i>	-50.11	
			<i>For &gt;250 To 500, Deduct</i>	-75.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-101.81	
			<i>For &gt;1,000, Deduct</i>	-127.67	
26 56 19 00-0083			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™)</b> <small>(26 56 19 00-0047)</small>		
			Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.		
26 56 19 00-0084	EA		3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N).....	644.46	150.99
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	71.34	
			<i>For Bird Spikes, Add</i>	96.08	
			<i>For &gt;50 To 100, Deduct</i>	-32.22	
			<i>For &gt;100 To 250, Deduct</i>	-48.33	
			<i>For &gt;250 To 500, Deduct</i>	-73.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-97.68	
			<i>For &gt;1,000, Deduct</i>	-122.36	
26 56 19 00-0085	EA		3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N).....	644.46	150.99
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	71.34	
			<i>For Bird Spikes, Add</i>	96.08	
			<i>For &gt;50 To 100, Deduct</i>	-32.22	
			<i>For &gt;100 To 250, Deduct</i>	-48.33	
			<i>For &gt;250 To 500, Deduct</i>	-73.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-97.68	
			<i>For &gt;1,000, Deduct</i>	-122.36	
26 56 19 00-0086	EA		5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N).....	668.07	150.99
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	71.34	
			<i>For Bird Spikes, Add</i>	96.08	
			<i>For &gt;50 To 100, Deduct</i>	-33.40	
			<i>For &gt;100 To 250, Deduct</i>	-50.11	
			<i>For &gt;250 To 500, Deduct</i>	-75.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-101.81	
			<i>For &gt;1,000, Deduct</i>	-127.67	
26 56 19 00-0087	EA		5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N).....	668.07	150.99
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	71.34	
			<i>For Bird Spikes, Add</i>	96.08	
			<i>For &gt;50 To 100, Deduct</i>	-33.40	
			<i>For &gt;100 To 250, Deduct</i>	-50.11	
			<i>For &gt;250 To 500, Deduct</i>	-75.96	
			<i>For &gt;500 To 1,000, Deduct</i>	-101.81	
			<i>For &gt;1,000, Deduct</i>	-127.67	
26 56 19 00-0088			<b>LED Roadway Lighting (Cooper Lighting)</b> <small>(26 56 19 00-0034)</small>		
26 56 19 00-0089			<b>Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™)</b> <small>(26 56 19 00-0088)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0090	EA		1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,018.53	150.99
			<i>For &gt;50 To 100, Deduct</i>	-50.93	
			<i>For &gt;100 To 250, Deduct</i>	-76.39	
			<i>For &gt;250 To 500, Deduct</i>	-119.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-163.14	
			<i>For &gt;1,000, Deduct</i>	-206.52	
26 56 19 00-0091	EA		2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,391.37	167.76
			<i>For &gt;50 To 100, Deduct</i>	-69.57	
			<i>For &gt;100 To 250, Deduct</i>	-104.35	
			<i>For &gt;250 To 500, Deduct</i>	-165.53	
			<i>For &gt;500 To 1,000, Deduct</i>	-226.71	
			<i>For &gt;1,000, Deduct</i>	-287.89	
26 56 19 00-0092	EA		3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,488.64	192.92
			<i>For &gt;50 To 100, Deduct</i>	-74.43	
			<i>For &gt;100 To 250, Deduct</i>	-111.65	
			<i>For &gt;250 To 500, Deduct</i>	-176.43	
			<i>For &gt;500 To 1,000, Deduct</i>	-241.22	
			<i>For &gt;1,000, Deduct</i>	-306.01	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0093	EA		4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,237.66	209.70
			<i>For &gt;50 To 100, Deduct</i>	-111.88	
			<i>For &gt;100 To 250, Deduct</i>	-167.82	
			<i>For &gt;250 To 500, Deduct</i>	-269.22	
			<i>For &gt;500 To 1,000, Deduct</i>	-370.62	
			<i>For &gt;1,000, Deduct</i>	-472.02	
26 56 19 00-0094	EA		6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,945.46	238.74
			<i>For &gt;50 To 100, Deduct</i>	-147.27	
			<i>For &gt;100 To 250, Deduct</i>	-220.91	
			<i>For &gt;250 To 500, Deduct</i>	-356.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-491.58	
			<i>For &gt;1,000, Deduct</i>	-626.92	
26 56 19 00-0095			<b>LED Roadway Lighting (PlanLED)</b> <small>(26 56 19 00-0034)</small>		
26 56 19 00-0096			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA)</b> <small>(26 56 19 00-0095)</small>		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0097	EA		8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W).....	1,234.27	146.79
			<i>For &gt;50 To 100, Deduct</i>	-61.71	
			<i>For &gt;100 To 250, Deduct</i>	-92.57	
			<i>For &gt;250 To 500, Deduct</i>	-146.94	
			<i>For &gt;500 To 1,000, Deduct</i>	-201.32	
			<i>For &gt;1,000, Deduct</i>	-255.69	
26 56 19 00-0098	EA		11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W).....	1,345.89	148.40
			<i>For &gt;50 To 100, Deduct</i>	-67.29	
			<i>For &gt;100 To 250, Deduct</i>	-100.94	
			<i>For &gt;250 To 500, Deduct</i>	-160.82	
			<i>For &gt;500 To 1,000, Deduct</i>	-220.69	
			<i>For &gt;1,000, Deduct</i>	-280.56	
26 56 19 00-0099	EA		15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W).....	1,433.40	150.99
			<i>For &gt;50 To 100, Deduct</i>	-71.67	
			<i>For &gt;100 To 250, Deduct</i>	-107.51	
			<i>For &gt;250 To 500, Deduct</i>	-171.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-235.75	
			<i>For &gt;1,000, Deduct</i>	-299.87	
26 56 19 00-0100			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA)</b> <small>(26 56 19 00-0095)</small>		
			Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0101	EA		7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060).....	800.18	143.24
			<i>For &gt;50 To 100, Deduct</i>	-40.01	
			<i>For &gt;100 To 250, Deduct</i>	-60.01	
			<i>For &gt;250 To 500, Deduct</i>	-92.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-125.71	
			<i>For &gt;1,000, Deduct</i>	-158.55	
26 56 19 00-0102	EA		10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080).....	859.54	145.82
			<i>For &gt;50 To 100, Deduct</i>	-42.98	
			<i>For &gt;100 To 250, Deduct</i>	-64.47	
			<i>For &gt;250 To 500, Deduct</i>	-100.15	
			<i>For &gt;500 To 1,000, Deduct</i>	-135.84	
			<i>For &gt;1,000, Deduct</i>	-171.52	
26 56 19 00-0103	EA		12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100).....	953.57	148.40
			<i>For &gt;50 To 100, Deduct</i>	-47.68	
			<i>For &gt;100 To 250, Deduct</i>	-71.52	
			<i>For &gt;250 To 500, Deduct</i>	-111.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-152.03	
			<i>For &gt;1,000, Deduct</i>	-192.29	
26 56 19 00-0104			<b>Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META)</b> <small>(26 56 19 00-0095)</small>		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0105	EA		13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100).....	1,016.43	148.40
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For 480 Volt, Add</i>	93.67	
			<i>For &gt;50 To 100, Deduct</i>	-50.82	
			<i>For &gt;100 To 250, Deduct</i>	-76.23	
			<i>For &gt;250 To 500, Deduct</i>	-119.63	
			<i>For &gt;500 To 1,000, Deduct</i>	-163.03	
			<i>For &gt;1,000, Deduct</i>	-206.44	

**26 Electrical**

**26 50 Lighting**

**26 56 Exterior Lighting**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0106	EA		16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130).....	1,131.72	149.69
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For 480 Volt, Add</i>	28.30	
			<i>For &gt;50 To 100, Deduct</i>	-56.59	
			<i>For &gt;100 To 250, Deduct</i>	-84.88	
			<i>For &gt;250 To 500, Deduct</i>	-133.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-183.08	
			<i>For &gt;1,000, Deduct</i>	-232.18	
26 56 19 00-0107	EA		19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150).....	1,220.99	150.99
			<i>For 0 To 10 Volt Dimming, Add</i>	93.67	
			<i>For 480 Volt, Add</i>	117.02	
			<i>For &gt;50 To 100, Deduct</i>	-61.05	
			<i>For &gt;100 To 250, Deduct</i>	-91.57	
			<i>For &gt;250 To 500, Deduct</i>	-145.07	
			<i>For &gt;500 To 1,000, Deduct</i>	-198.58	
			<i>For &gt;1,000, Deduct</i>	-252.08	
26 56 19 00-0108			<b>LED Roadway Lighting (General Electric) <small>(26 56 19 00-0034)</small></b>		
26 56 19 00-0109			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0108)</small></b>		
			Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.		
26 56 19 00-0110	EA		2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY).....	601.77	142.60
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-30.09	
			<i>For &gt;100 To 250, Deduct</i>	-45.13	
			<i>For &gt;250 To 500, Deduct</i>	-68.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-91.05	
			<i>For &gt;1,000, Deduct</i>	-114.01	
26 56 19 00-0111	EA		3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY).....	605.65	144.53
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-30.28	
			<i>For &gt;100 To 250, Deduct</i>	-45.42	
			<i>For &gt;250 To 500, Deduct</i>	-68.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-91.54	
			<i>For &gt;1,000, Deduct</i>	-114.59	
26 56 19 00-0112	EA		4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY).....	632.06	146.79
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-31.60	
			<i>For &gt;100 To 250, Deduct</i>	-47.40	
			<i>For &gt;250 To 500, Deduct</i>	-71.67	
			<i>For &gt;500 To 1,000, Deduct</i>	-95.93	
			<i>For &gt;1,000, Deduct</i>	-120.20	
26 56 19 00-0113	EA		5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY).....	659.19	148.40
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-32.96	
			<i>For &gt;100 To 250, Deduct</i>	-49.44	
			<i>For &gt;250 To 500, Deduct</i>	-74.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-100.52	
			<i>For &gt;1,000, Deduct</i>	-126.06	
26 56 19 00-0114	EA		7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY).....	731.35	151.63
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-36.57	
			<i>For &gt;100 To 250, Deduct</i>	-54.85	
			<i>For &gt;250 To 500, Deduct</i>	-83.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-112.82	
			<i>For &gt;1,000, Deduct</i>	-141.81	
26 56 19 00-0115	EA		8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY).....	769.77	152.91
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-38.49	
			<i>For &gt;100 To 250, Deduct</i>	-57.73	
			<i>For &gt;250 To 500, Deduct</i>	-88.58	
			<i>For &gt;500 To 1,000, Deduct</i>	-119.42	
			<i>For &gt;1,000, Deduct</i>	-150.26	
26 56 19 00-0116	EA		9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY).....	841.98	155.17
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-42.10	
			<i>For &gt;100 To 250, Deduct</i>	-63.15	
			<i>For &gt;250 To 500, Deduct</i>	-97.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-131.83	
			<i>For &gt;1,000, Deduct</i>	-166.17	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0117	EA		13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY).....	995.71	159.37
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-49.79	
			<i>For &gt;100 To 250, Deduct</i>	-74.68	
			<i>For &gt;250 To 500, Deduct</i>	-116.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-158.31	
			<i>For &gt;1,000, Deduct</i>	-200.13	
26 56 19 00-0118	EA		19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY).....	1,171.78	167.76
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For &gt;50 To 100, Deduct</i>	-58.59	
			<i>For &gt;100 To 250, Deduct</i>	-87.88	
			<i>For &gt;250 To 500, Deduct</i>	-138.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-188.29	
			<i>For &gt;1,000, Deduct</i>	-238.49	
26 56 19 00-0119			<b>LED Roadway Lighting (Acuity AEL Autobahn)</b> <small>(26 56 19 00-0034)</small>		
26 56 19 00-0120			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn)</b> <small>(26 56 19 00-0119)</small>		
			Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0121	EA		4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	1,195.32	146.79
			<i>For &gt;50 To 100, Deduct</i>	-59.77	
			<i>For &gt;100 To 250, Deduct</i>	-89.65	
			<i>For &gt;250 To 500, Deduct</i>	-142.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-194.50	
			<i>For &gt;1,000, Deduct</i>	-246.93	
26 56 19 00-0122	EA		6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	1,492.88	150.99
			<i>For &gt;50 To 100, Deduct</i>	-74.64	
			<i>For &gt;100 To 250, Deduct</i>	-111.97	
			<i>For &gt;250 To 500, Deduct</i>	-179.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-246.16	
			<i>For &gt;1,000, Deduct</i>	-313.25	
26 56 19 00-0123	EA		9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	2,096.88	155.17
			<i>For &gt;50 To 100, Deduct</i>	-104.84	
			<i>For &gt;100 To 250, Deduct</i>	-157.27	
			<i>For &gt;250 To 500, Deduct</i>	-254.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-351.44	
			<i>For &gt;1,000, Deduct</i>	-448.52	
26 56 19 00-0124	EA		13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	2,704.58	161.31
			<i>For &gt;50 To 100, Deduct</i>	-135.23	
			<i>For &gt;100 To 250, Deduct</i>	-202.84	
			<i>For &gt;250 To 500, Deduct</i>	-330.01	
			<i>For &gt;500 To 1,000, Deduct</i>	-457.17	
			<i>For &gt;1,000, Deduct</i>	-584.33	
26 56 19 00-0125	EA		17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	3,298.91	165.82
			<i>For &gt;50 To 100, Deduct</i>	-164.95	
			<i>For &gt;100 To 250, Deduct</i>	-247.42	
			<i>For &gt;250 To 500, Deduct</i>	-404.07	
			<i>For &gt;500 To 1,000, Deduct</i>	-560.73	
			<i>For &gt;1,000, Deduct</i>	-717.38	
26 56 19 00-0126			<b>LED Roadway Lighting (Leotek)</b> <small>(26 56 19 00-0034)</small>		
26 56 19 00-0127			<b>Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek)</b> <small>(26 56 19 00-0126)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.		
26 56 19 00-0128	EA		Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL).....	615.53	146.79
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-30.78	
			<i>For &gt;100 To 250, Deduct</i>	-46.16	
			<i>For &gt;250 To 500, Deduct</i>	-69.60	
			<i>For &gt;500 To 1,000, Deduct</i>	-93.04	
			<i>For &gt;1,000, Deduct</i>	-116.48	
26 56 19 00-0129	EA		Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL).....	629.22	148.40
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-31.46	
			<i>For &gt;100 To 250, Deduct</i>	-47.19	
			<i>For &gt;250 To 500, Deduct</i>	-71.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-95.27	
			<i>For &gt;1,000, Deduct</i>	-119.31	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

26 56	19 00-0130	EA	Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL).....	672.97	149.37
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-33.65	
			<i>For &gt;100 To 250, Deduct</i>	-50.47	
			<i>For &gt;250 To 500, Deduct</i>	-76.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-102.83	
			<i>For &gt;1,000, Deduct</i>	-129.01	
26 56	19 00-0131	EA	Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL).....	784.94	155.17
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-39.25	
			<i>For &gt;100 To 250, Deduct</i>	-58.87	
			<i>For &gt;250 To 500, Deduct</i>	-90.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-121.85	
			<i>For &gt;1,000, Deduct</i>	-153.33	
26 56	19 00-0132	EA	Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL).....	922.94	159.37
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-46.15	
			<i>For &gt;100 To 250, Deduct</i>	-69.22	
			<i>For &gt;250 To 500, Deduct</i>	-107.40	
			<i>For &gt;500 To 1,000, Deduct</i>	-145.58	
			<i>For &gt;1,000, Deduct</i>	-183.76	
26 56	19 00-0133	EA	Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL).....	928.11	161.95
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-46.41	
			<i>For &gt;100 To 250, Deduct</i>	-69.61	
			<i>For &gt;250 To 500, Deduct</i>	-107.92	
			<i>For &gt;500 To 1,000, Deduct</i>	-146.22	
			<i>For &gt;1,000, Deduct</i>	-184.53	
26 56	19 00-0134	EA	Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL).....	1,144.43	164.53
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-57.22	
			<i>For &gt;100 To 250, Deduct</i>	-85.83	
			<i>For &gt;250 To 500, Deduct</i>	-134.83	
			<i>For &gt;500 To 1,000, Deduct</i>	-183.82	
			<i>For &gt;1,000, Deduct</i>	-232.82	
26 56	19 00-0135	EA	Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL).....	1,201.05	167.76
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-60.05	
			<i>For &gt;100 To 250, Deduct</i>	-90.08	
			<i>For &gt;250 To 500, Deduct</i>	-141.74	
			<i>For &gt;500 To 1,000, Deduct</i>	-193.41	
			<i>For &gt;1,000, Deduct</i>	-245.07	
26 56	19 00-0136	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL).....	1,344.19	170.34
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-67.21	
			<i>For &gt;100 To 250, Deduct</i>	-100.81	
			<i>For &gt;250 To 500, Deduct</i>	-159.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-218.20	
			<i>For &gt;1,000, Deduct</i>	-276.89	



<b>Electrical</b>	<b>26</b>	<b>26</b>
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0137 EA Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL) .....	1,443.43	172.92
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-72.17	
For >100 To 250, Deduct	-108.26	
For >250 To 500, Deduct	-171.78	
For >500 To 1,000, Deduct	-235.31	
For >1,000, Deduct	-298.83	
26 56 19 00-0138 EA Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL) .....	717.03	148.40
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-35.85	
For >100 To 250, Deduct	-53.78	
For >250 To 500, Deduct	-82.21	
For >500 To 1,000, Deduct	-110.64	
For >1,000, Deduct	-139.07	
26 56 19 00-0139 EA Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL) .....	789.57	152.27
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-39.48	
For >100 To 250, Deduct	-59.22	
For >250 To 500, Deduct	-91.08	
For >500 To 1,000, Deduct	-122.95	
For >1,000, Deduct	-154.81	
26 56 19 00-0140 EA Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL) .....	853.93	155.17
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-42.70	
For >100 To 250, Deduct	-64.04	
For >250 To 500, Deduct	-98.98	
For >500 To 1,000, Deduct	-133.92	
For >1,000, Deduct	-168.86	
26 56 19 00-0141 EA Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL) .....	909.11	158.73
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-45.46	
For >100 To 250, Deduct	-68.18	
For >250 To 500, Deduct	-105.70	
For >500 To 1,000, Deduct	-143.22	
For >1,000, Deduct	-180.74	
26 56 19 00-0142 EA Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL) .....	966.04	160.01
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-48.30	
For >100 To 250, Deduct	-72.45	
For >250 To 500, Deduct	-112.75	
For >500 To 1,000, Deduct	-153.06	
For >1,000, Deduct	-193.36	
26 56 19 00-0143 EA Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL) .....	1,155.37	165.82
For LightGrid™ Wireless Outdoor Controller, Add	20.00	
For Twist Lock Shorting Cap, Add	9.96	
For ANSI 7-wire Photocontrol Receptacle, Add	29.87	
For Ripley Long-Life Twist Lock Photocontrol, Add	53.44	
For >50 To 100, Deduct	-57.77	
For >100 To 250, Deduct	-86.65	
For >250 To 500, Deduct	-136.13	
For >500 To 1,000, Deduct	-185.61	
For >1,000, Deduct	-235.08	

**26 Electrical**  
**26 50 Lighting**  
**26 56 Exterior Lighting**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 19 00-0144	EA	Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL).....	1,310.25		169.05
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-65.51		
		For >100 To 250, Deduct	-98.27		
		For >250 To 500, Deduct	-155.33		
		For >500 To 1,000, Deduct	-212.39		
		For >1,000, Deduct	-269.45		
26 56 19 00-0145	EA	Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL).....	1,395.17		169.70
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-69.76		
		For >100 To 250, Deduct	-104.64		
		For >250 To 500, Deduct	-165.91		
		For >500 To 1,000, Deduct	-227.19		
		For >1,000, Deduct	-288.46		
26 56 19 00-0146	EA	Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL).....	1,476.40		171.63
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-73.82		
		For >100 To 250, Deduct	-110.73		
		For >250 To 500, Deduct	-175.97		
		For >500 To 1,000, Deduct	-241.21		
		For >1,000, Deduct	-306.45		
26 56 19 00-0147	EA	Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP).....	769.22		161.95
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-38.46		
		For >100 To 250, Deduct	-57.69		
		For >250 To 500, Deduct	-88.05		
		For >500 To 1,000, Deduct	-118.42		
		For >1,000, Deduct	-148.78		
26 56 19 00-0148	EA	Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP).....	835.16		163.56
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-41.76		
		For >100 To 250, Deduct	-62.64		
		For >250 To 500, Deduct	-96.22		
		For >500 To 1,000, Deduct	-129.80		
		For >1,000, Deduct	-163.38		
26 56 19 00-0149	EA	Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL).....	586.76		148.08
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-29.34		
		For >100 To 250, Deduct	-44.01		
		For >250 To 500, Deduct	-65.94		
		For >500 To 1,000, Deduct	-87.88		
		For >1,000, Deduct	-109.81		
26 56 19 00-0150	EA	Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL).....	597.70		149.37
		For LightGrid™ Wireless Outdoor Controller, Add	20.00		
		For Twist Lock Shorting Cap, Add	9.96		
		For ANSI 7-wire Photocontrol Receptacle, Add	29.87		
		For Ripley Long-Life Twist Lock Photocontrol, Add	53.44		
		For >50 To 100, Deduct	-29.89		
		For >100 To 250, Deduct	-44.83		
		For >250 To 500, Deduct	-67.24		
		For >500 To 1,000, Deduct	-89.66		
		For >1,000, Deduct	-112.08		



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	19 00-0151	EA	Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL).....	651.59	152.27
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-32.58	
			<i>For &gt;100 To 250, Deduct</i>	-48.87	
			<i>For &gt;250 To 500, Deduct</i>	-73.84	
			<i>For &gt;500 To 1,000, Deduct</i>	-98.80	
			<i>For &gt;1,000, Deduct</i>	-123.77	
26 56	19 00-0152	EA	Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL).....	1,016.90	164.53
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-50.85	
			<i>For &gt;100 To 250, Deduct</i>	-76.27	
			<i>For &gt;250 To 500, Deduct</i>	-118.89	
			<i>For &gt;500 To 1,000, Deduct</i>	-161.50	
			<i>For &gt;1,000, Deduct</i>	-204.12	
26 56	19 00-0153	EA	Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL).....	1,336.63	169.70
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-66.83	
			<i>For &gt;100 To 250, Deduct</i>	-100.25	
			<i>For &gt;250 To 500, Deduct</i>	-158.59	
			<i>For &gt;500 To 1,000, Deduct</i>	-216.94	
			<i>For &gt;1,000, Deduct</i>	-275.29	
26 56	19 00-0154	EA	Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL).....	1,187.40	170.34
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-59.37	
			<i>For &gt;100 To 250, Deduct</i>	-89.06	
			<i>For &gt;250 To 500, Deduct</i>	-139.91	
			<i>For &gt;500 To 1,000, Deduct</i>	-190.76	
			<i>For &gt;1,000, Deduct</i>	-241.61	
26 56	19 00-0155	EA	Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY).....	562.32	148.40
			<i>For Twist Lock Shorting Cap, Add</i>	9.96	
			<i>For ANSI 7-wire Photocontrol Receptacle, Add</i>	29.87	
			<i>For Ripley Long-Life Twist Lock Photocontrol, Add</i>	53.44	
			<i>For &gt;50 To 100, Deduct</i>	-28.12	
			<i>For &gt;100 To 250, Deduct</i>	-42.17	
			<i>For &gt;250 To 500, Deduct</i>	-62.87	
			<i>For &gt;500 To 1,000, Deduct</i>	-83.57	
			<i>For &gt;1,000, Deduct</i>	-104.26	
26 56	19 00-0156		LED, Area Fixtures (26 56 19)		
26 56	19 00-0157		Pole Mount, LED Area Fixtures (26 56 19 00-0156)		
26 56	19 00-0158		Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) (26 56 19 00-0157)		
			Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56	19 00-0159	EA	20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,478.67	109.69
			<i>For &gt;50 To 100, Deduct</i>	-123.93	
			<i>For &gt;100 To 250, Deduct</i>	-185.90	
			<i>For &gt;250 To 500, Deduct</i>	-304.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-422.80	
			<i>For &gt;1,000, Deduct</i>	-541.25	
26 56	19 00-0160	EA	40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED).....	2,672.33	116.14
			<i>For &gt;50 To 100, Deduct</i>	-133.62	
			<i>For &gt;100 To 250, Deduct</i>	-200.42	
			<i>For &gt;250 To 500, Deduct</i>	-328.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-456.04	
			<i>For &gt;1,000, Deduct</i>	-583.85	
26 56	19 00-0161	EA	80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,878.88	129.04
			<i>For &gt;50 To 100, Deduct</i>	-143.94	
			<i>For &gt;100 To 250, Deduct</i>	-215.92	
			<i>For &gt;250 To 500, Deduct</i>	-353.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-490.90	
			<i>For &gt;1,000, Deduct</i>	-628.39	
26 56	19 00-0162	EA	100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED).....	2,891.79	135.50
			<i>For &gt;50 To 100, Deduct</i>	-144.59	
			<i>For &gt;100 To 250, Deduct</i>	-216.88	
			<i>For &gt;250 To 500, Deduct</i>	-354.70	
			<i>For &gt;500 To 1,000, Deduct</i>	-492.51	
			<i>For &gt;1,000, Deduct</i>	-630.33	

**26 Electrical**

**26 50 Lighting**

**26 56 Exterior Lighting**



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

26 56 19 00-0163	<b>Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG)</b> <small>(26 56 19 00-0157)</small> Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified		
26 56 19 00-0164	EA 40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,399.56	116.14
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	43.67	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-69.98	
	<i>For &gt;100 To 250, Deduct</i>	-104.97	
	<i>For &gt;250 To 500, Deduct</i>	-169.14	
	<i>For &gt;500 To 1,000, Deduct</i>	-233.31	
	<i>For &gt;1,000, Deduct</i>	-297.48	
26 56 19 00-0165	EA 60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	1,692.84	122.59
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	44.32	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-84.64	
	<i>For &gt;100 To 250, Deduct</i>	-126.96	
	<i>For &gt;250 To 500, Deduct</i>	-205.48	
	<i>For &gt;500 To 1,000, Deduct</i>	-283.99	
	<i>For &gt;1,000, Deduct</i>	-362.50	
26 56 19 00-0166	EA 80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	2,098.66	129.04
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	44.96	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-104.93	
	<i>For &gt;100 To 250, Deduct</i>	-157.40	
	<i>For &gt;250 To 500, Deduct</i>	-255.88	
	<i>For &gt;500 To 1,000, Deduct</i>	-354.36	
	<i>For &gt;1,000, Deduct</i>	-452.84	
26 56 19 00-0167	EA 100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	2,391.95	135.50
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	45.61	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-119.60	
	<i>For &gt;100 To 250, Deduct</i>	-179.40	
	<i>For &gt;250 To 500, Deduct</i>	-292.22	
	<i>For &gt;500 To 1,000, Deduct</i>	-405.04	
	<i>For &gt;1,000, Deduct</i>	-517.86	
26 56 19 00-0168	EA 120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	2,685.22	141.95
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	46.26	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-134.26	
	<i>For &gt;100 To 250, Deduct</i>	-201.39	
	<i>For &gt;250 To 500, Deduct</i>	-328.56	
	<i>For &gt;500 To 1,000, Deduct</i>	-455.72	
	<i>For &gt;1,000, Deduct</i>	-582.88	
26 56 19 00-0169	EA 140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	3,068.15	148.40
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	46.90	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-153.41	
	<i>For &gt;100 To 250, Deduct</i>	-230.11	
	<i>For &gt;250 To 500, Deduct</i>	-376.10	
	<i>For &gt;500 To 1,000, Deduct</i>	-522.09	
	<i>For &gt;1,000, Deduct</i>	-668.07	
26 56 19 00-0170	EA 160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG) .....	3,361.42	154.85
	<i>For Backlight Shielding, Add</i>	26.70	
	<i>For Type II Medium Optic, Add</i>	47.55	
	<i>For 480 Volt, Add</i>	110.03	
	<i>For Multi-Level Drive Currents, Add</i>	267.03	
	<i>For &gt;50 To 100, Deduct</i>	-168.07	
	<i>For &gt;100 To 250, Deduct</i>	-252.11	
	<i>For &gt;250 To 500, Deduct</i>	-412.44	
	<i>For &gt;500 To 1,000, Deduct</i>	-572.76	
	<i>For &gt;1,000, Deduct</i>	-733.09	

26 56 19 00-0171	<b>Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO)</b> <small>(26 56 19 00-0157)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
------------------	---	--	--





<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 56 19 00-0172 EA 120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	2,478.20	141.95
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For Bird Spikes, Add	49.64	
For 5,000K Color Temperature, Add	56.24	
For Fuse, Add	67.48	
For 0 To 10 Volt Dimming, Add	67.48	
For 480 Volt, Add	101.23	
For Multi-Level, Add	146.21	
For 1,000mA Driver, Add	188.98	
For >50 To 100, Deduct	-123.91	
For >100 To 250, Deduct	-185.87	
For >250 To 500, Deduct	-302.68	
For >500 To 1,000, Deduct	-419.49	
For >1,000, Deduct	-536.30	
26 56 19 00-0173 EA 240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	4,196.14	174.21
For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
For 5,000K Color Temperature, Add	56.24	
For Fuse, Add	67.48	
For 0 To 10 Volt Dimming, Add	67.48	
For Bird Spikes, Add	74.12	
For Multi-Level, Add	146.21	
For 1,000mA Driver, Add	188.96	
For 480 Volt, Add	202.45	
For >50 To 100, Deduct	-209.81	
For >100 To 250, Deduct	-314.71	
For >250 To 500, Deduct	-515.81	
For >500 To 1,000, Deduct	-716.90	
For >1,000, Deduct	-918.00	
26 56 19 00-0174 Wall Mount, LED Area Fixtures (26 56 19 00-0156)		
26 56 19 00-0175 Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) (26 56 19 00-0174)		
Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0176 EA 20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED) .....	1,088.75	109.69
For >50 To 100, Deduct	-54.44	
For >100 To 250, Deduct	-81.66	
For >250 To 500, Deduct	-130.61	
For >500 To 1,000, Deduct	-179.56	
For >1,000, Deduct	-228.52	
26 56 19 00-0177 EA 30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED) .....	1,114.56	122.59
For >50 To 100, Deduct	-55.73	
For >100 To 250, Deduct	-83.59	
For >250 To 500, Deduct	-133.19	
For >500 To 1,000, Deduct	-182.79	
For >1,000, Deduct	-232.39	
26 56 19 00-0178 Surface Mount, LED Parking Structure Fixtures (26 56 19 00-0156)		
26 56 19 00-0179 Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) (26 56 19 00-0178)		
Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0180 EA 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) .....	1,231.72	116.14
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-61.59	
For >100 To 250, Deduct	-92.38	
For >250 To 500, Deduct	-148.16	
For >500 To 1,000, Deduct	-203.94	
For >1,000, Deduct	-259.72	
26 56 19 00-0181 EA 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) .....	1,525.00	122.59
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-76.25	
For >100 To 250, Deduct	-114.38	
For >250 To 500, Deduct	-184.50	
For >500 To 1,000, Deduct	-254.62	
For >1,000, Deduct	-324.74	
26 56 19 00-0182 EA 80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG) .....	1,818.28	129.04
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-90.91	
For >100 To 250, Deduct	-136.37	
For >250 To 500, Deduct	-220.83	
For >500 To 1,000, Deduct	-305.29	
For >1,000, Deduct	-389.76	

<b>26</b>	<b>26 Electrical</b>
	<b>26 50 Lighting</b>
	<b>26 56 Exterior Lighting</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0183 EA 100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	2,111.57	135.50
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-105.58	
For >100 To 250, Deduct	-158.37	
For >250 To 500, Deduct	-257.17	
For >500 To 1,000, Deduct	-355.97	
For >1,000, Deduct	-454.78	
<b>26 56 19 00-0184 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304)</b> <small>(26 56 19 00-0178)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0185 EA 40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,185.94	116.14
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-59.30	
For >100 To 250, Deduct	-88.95	
For >250 To 500, Deduct	-142.44	
For >500 To 1,000, Deduct	-195.93	
For >1,000, Deduct	-249.42	
26 56 19 00-0186 EA 60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,311.37	122.59
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-65.57	
For >100 To 250, Deduct	-98.35	
For >250 To 500, Deduct	-157.79	
For >500 To 1,000, Deduct	-217.23	
For >1,000, Deduct	-276.67	
<b>26 56 19 00-0187 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG)</b> <small>(26 56 19 00-0178)</small>		
Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0188 EA 3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	1,006.08	116.14
For >50 To 100, Deduct	-50.30	
For >100 To 250, Deduct	-75.46	
For >250 To 500, Deduct	-119.95	
For >500 To 1,000, Deduct	-164.45	
For >1,000, Deduct	-208.95	
<b>26 56 19 00-0189 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG)</b> <small>(26 56 19 00-0178)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 19 00-0190 EA 70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	2,019.90	122.59
For >50 To 100, Deduct	-101.00	
For >100 To 250, Deduct	-151.49	
For >250 To 500, Deduct	-246.36	
For >500 To 1,000, Deduct	-341.22	
For >1,000, Deduct	-436.09	
26 56 19 00-0191 EA 110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	2,045.72	135.50
For >50 To 100, Deduct	-102.29	
For >100 To 250, Deduct	-153.43	
For >250 To 500, Deduct	-248.94	
For >500 To 1,000, Deduct	-344.45	
For >1,000, Deduct	-439.96	
<b>26 56 19 00-0192 Surface Mount, LED Canopy Fixtures</b> <small>(26 56 19 00-0156)</small>		
<b>26 56 19 00-0193 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG)</b> <small>(26 56 19 00-0192)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0194 EA 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,433.89	116.14
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-71.69	
For >100 To 250, Deduct	-107.54	
For >250 To 500, Deduct	-173.43	
For >500 To 1,000, Deduct	-239.32	
For >1,000, Deduct	-305.20	
26 56 19 00-0195 EA 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,727.17	122.59
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-86.36	
For >100 To 250, Deduct	-129.54	
For >250 To 500, Deduct	-209.77	
For >500 To 1,000, Deduct	-290.00	
For >1,000, Deduct	-370.22	



<b>Electrical</b>	<b>26</b>	
<b>Lighting</b>	<b>26 50</b>	<b>26</b>
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0196	EA		80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG) .....	2,020.46	129.04
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-101.02	
			<i>For &gt;100 To 250, Deduct</i>	-151.53	
			<i>For &gt;250 To 500, Deduct</i>	-246.11	
			<i>For &gt;500 To 1,000, Deduct</i>	-340.68	
			<i>For &gt;1,000, Deduct</i>	-435.25	
26 56 19 00-0197	EA		100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,313.75	135.50
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-115.69	
			<i>For &gt;100 To 250, Deduct</i>	-173.53	
			<i>For &gt;250 To 500, Deduct</i>	-282.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-391.36	
			<i>For &gt;1,000, Deduct</i>	-500.27	
26 56 19 00-0198	EA		120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,607.02	141.95
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-130.35	
			<i>For &gt;100 To 250, Deduct</i>	-195.53	
			<i>For &gt;250 To 500, Deduct</i>	-318.78	
			<i>For &gt;500 To 1,000, Deduct</i>	-442.03	
			<i>For &gt;1,000, Deduct</i>	-565.29	
26 56 19 00-0199	EA		140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,012.84	148.40
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-150.64	
			<i>For &gt;100 To 250, Deduct</i>	-225.96	
			<i>For &gt;250 To 500, Deduct</i>	-369.18	
			<i>For &gt;500 To 1,000, Deduct</i>	-512.41	
			<i>For &gt;1,000, Deduct</i>	-655.63	
26 56 19 00-0200	EA		160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,306.11	154.85
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-165.31	
			<i>For &gt;100 To 250, Deduct</i>	-247.96	
			<i>For &gt;250 To 500, Deduct</i>	-405.52	
			<i>For &gt;500 To 1,000, Deduct</i>	-563.08	
			<i>For &gt;1,000, Deduct</i>	-720.65	
26 56 19 00-0201	EA		200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,892.68	167.76
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-194.63	
			<i>For &gt;100 To 250, Deduct</i>	-291.95	
			<i>For &gt;250 To 500, Deduct</i>	-478.20	
			<i>For &gt;500 To 1,000, Deduct</i>	-664.44	
			<i>For &gt;1,000, Deduct</i>	-850.69	
26 56 19 00-0202	EA		240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	4,466.33	174.21
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For &gt;50 To 100, Deduct</i>	-223.32	
			<i>For &gt;100 To 250, Deduct</i>	-334.97	
			<i>For &gt;250 To 500, Deduct</i>	-549.58	
			<i>For &gt;500 To 1,000, Deduct</i>	-764.19	
			<i>For &gt;1,000, Deduct</i>	-978.79	
26 56 19 00-0203			<b>Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250)</b> <small>(26 56 19 00-0192)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0204	EA		8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250) .....	977.15	129.04
			<i>For &gt;50 To 100, Deduct</i>	-48.86	
			<i>For &gt;100 To 250, Deduct</i>	-73.29	
			<i>For &gt;250 To 500, Deduct</i>	-115.69	
			<i>For &gt;500 To 1,000, Deduct</i>	-158.10	
			<i>For &gt;1,000, Deduct</i>	-200.50	
26 56 19 00-0205			<b>Recessed Mount, LED Soffit Fixtures</b> <small>(26 56 19 00-0156)</small>		
26 56 19 00-0206			<b>Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304)</b> <small>(26 56 19 00-0205)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0207	EA		40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) .....	1,208.83	116.14
			<i>For &gt;50 To 100, Deduct</i>	-60.44	
			<i>For &gt;100 To 250, Deduct</i>	-90.66	
			<i>For &gt;250 To 500, Deduct</i>	-145.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-199.93	
			<i>For &gt;1,000, Deduct</i>	-254.57	
26 56 19 00-0208	EA		60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304) .....	1,334.26	122.59
			<i>For &gt;50 To 100, Deduct</i>	-66.71	
			<i>For &gt;100 To 250, Deduct</i>	-100.07	
			<i>For &gt;250 To 500, Deduct</i>	-160.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-221.24	
			<i>For &gt;1,000, Deduct</i>	-281.82	
26 56 19 00-0209			<b>Surface Mount, LED Area Fixtures</b> <small>(26 56 19 00-0156)</small>		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0210			<b>Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG)</b> <small>(26 56 19 00-0209)</small> Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0211	EA		50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	647.51	116.14
			<i>For &gt;50 To 100, Deduct</i>	-32.38	
			<i>For &gt;100 To 250, Deduct</i>	-48.56	
			<i>For &gt;250 To 500, Deduct</i>	-75.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-101.70	
			<i>For &gt;1,000, Deduct</i>	-128.27	
26 56 19 00-0212	EA		50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,466.96	116.14
			<i>For &gt;50 To 100, Deduct</i>	-73.35	
			<i>For &gt;100 To 250, Deduct</i>	-110.02	
			<i>For &gt;250 To 500, Deduct</i>	-177.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-245.10	
			<i>For &gt;1,000, Deduct</i>	-312.65	
26 56 19 00-0213	EA		68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,213.47	129.04
			<i>For &gt;50 To 100, Deduct</i>	-60.67	
			<i>For &gt;100 To 250, Deduct</i>	-91.01	
			<i>For &gt;250 To 500, Deduct</i>	-145.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-199.45	
			<i>For &gt;1,000, Deduct</i>	-253.67	
26 56 19 00-0214	EA		68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,508.29	129.04
			<i>For &gt;50 To 100, Deduct</i>	-75.41	
			<i>For &gt;100 To 250, Deduct</i>	-113.12	
			<i>For &gt;250 To 500, Deduct</i>	-182.08	
			<i>For &gt;500 To 1,000, Deduct</i>	-251.05	
			<i>For &gt;1,000, Deduct</i>	-320.01	
26 56 19 00-0215			<b>Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®)</b> <small>(26 56 19 00-0209)</small> Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0216	EA		13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A).....	209.60	41.73
			<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
			<i>For &gt;50 To 100, Deduct</i>	-10.48	
			<i>For &gt;100 To 250, Deduct</i>	-15.72	
			<i>For &gt;250 To 500, Deduct</i>	-24.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-33.20	
			<i>For &gt;1,000, Deduct</i>	-41.94	
26 56 19 00-0217	EA		20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A).....	239.30	41.73
			<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
			<i>For &gt;50 To 100, Deduct</i>	-11.97	
			<i>For &gt;100 To 250, Deduct</i>	-17.95	
			<i>For &gt;250 To 500, Deduct</i>	-28.17	
			<i>For &gt;500 To 1,000, Deduct</i>	-38.40	
			<i>For &gt;1,000, Deduct</i>	-48.63	
26 56 19 00-0218	EA		30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A).....	295.90	41.73
			<i>For Knuckle Mount Or Trunnion Mount Base, Add</i>	45.00	
			<i>For &gt;50 To 100, Deduct</i>	-14.80	
			<i>For &gt;100 To 250, Deduct</i>	-22.19	
			<i>For &gt;250 To 500, Deduct</i>	-35.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-48.31	
			<i>For &gt;1,000, Deduct</i>	-61.36	
26 56 19 00-0219			<b>Surface Mount, LED Facade Fixtures</b> <small>(26 56 19 00-0156)</small>		
26 56 19 00-0220			<b>Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™)</b> <small>(26 56 19 00-0219)</small>		
26 56 19 00-0221	EA		12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	769.92	48.71
			<i>For &gt;50 To 100, Deduct</i>	-38.50	
			<i>For &gt;100 To 250, Deduct</i>	-57.74	
			<i>For &gt;250 To 500, Deduct</i>	-94.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-131.03	
			<i>For &gt;1,000, Deduct</i>	-167.67	
26 56 19 00-0222	EA		24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,261.14	44.47
			<i>For &gt;50 To 100, Deduct</i>	-63.06	
			<i>For &gt;100 To 250, Deduct</i>	-94.59	
			<i>For &gt;250 To 500, Deduct</i>	-156.05	
			<i>For &gt;500 To 1,000, Deduct</i>	-217.52	
			<i>For &gt;1,000, Deduct</i>	-278.99	
26 56 19 00-0223	EA		36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,613.86	37.06
			<i>For &gt;50 To 100, Deduct</i>	-80.69	
			<i>For &gt;100 To 250, Deduct</i>	-121.04	
			<i>For &gt;250 To 500, Deduct</i>	-200.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-279.78	
			<i>For &gt;1,000, Deduct</i>	-359.15	
26 56 19 00-0224	EA		48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,966.55	29.65
			<i>For &gt;50 To 100, Deduct</i>	-98.33	
			<i>For &gt;100 To 250, Deduct</i>	-147.49	
			<i>For &gt;250 To 500, Deduct</i>	-244.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-342.03	
			<i>For &gt;1,000, Deduct</i>	-439.30	



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0225 Post Top, LED Area Fixtures <small>(26 56 19 00-0156)</small>		
26 56 19 00-0226 Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) <small>(26 56 19 00-0225)</small> Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0227 EA 1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1).....	2,140.52	177.44
<i>For &gt;50 To 100, Deduct</i>	-107.03	
<i>For &gt;100 To 250, Deduct</i>	-160.54	
<i>For &gt;250 To 500, Deduct</i>	-258.69	
<i>For &gt;500 To 1,000, Deduct</i>	-356.85	
<i>For &gt;1,000, Deduct</i>	-455.00	
26 56 19 00-0228 EA 3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2).....	2,368.36	177.44
<i>For &gt;50 To 100, Deduct</i>	-118.42	
<i>For &gt;100 To 250, Deduct</i>	-177.63	
<i>For &gt;250 To 500, Deduct</i>	-287.17	
<i>For &gt;500 To 1,000, Deduct</i>	-396.72	
<i>For &gt;1,000, Deduct</i>	-506.27	
26 56 19 00-0229 EA 77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3).....	2,548.46	177.44
<i>For &gt;50 To 100, Deduct</i>	-127.42	
<i>For &gt;100 To 250, Deduct</i>	-191.13	
<i>For &gt;250 To 500, Deduct</i>	-309.69	
<i>For &gt;500 To 1,000, Deduct</i>	-428.24	
<i>For &gt;1,000, Deduct</i>	-546.79	
26 56 19 00-0230 Post Top, LED Area Fixtures (General Electric EPAS) <small>(26 56 19 00-0225)</small> Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0231 EA 3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3).....	2,531.24	177.44
<i>For &gt;50 To 100, Deduct</i>	-126.56	
<i>For &gt;100 To 250, Deduct</i>	-189.84	
<i>For &gt;250 To 500, Deduct</i>	-307.53	
<i>For &gt;500 To 1,000, Deduct</i>	-425.22	
<i>For &gt;1,000, Deduct</i>	-542.91	
26 56 19 00-0232 EA 6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3).....	2,589.78	177.44
<i>For &gt;50 To 100, Deduct</i>	-129.49	
<i>For &gt;100 To 250, Deduct</i>	-194.23	
<i>For &gt;250 To 500, Deduct</i>	-314.85	
<i>For &gt;500 To 1,000, Deduct</i>	-435.47	
<i>For &gt;1,000, Deduct</i>	-556.09	
26 56 19 00-0233 Post Top, LED Area Fixtures (General Electric EPTC) <small>(26 56 19 00-0225)</small> Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0234 EA 3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3).....	1,738.68	177.44
<i>For &gt;50 To 100, Deduct</i>	-86.93	
<i>For &gt;100 To 250, Deduct</i>	-130.40	
<i>For &gt;250 To 500, Deduct</i>	-208.46	
<i>For &gt;500 To 1,000, Deduct</i>	-286.53	
<i>For &gt;1,000, Deduct</i>	-364.59	
26 56 19 00-0235 EA 6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3).....	1,826.29	177.44
<i>For &gt;50 To 100, Deduct</i>	-91.31	
<i>For &gt;100 To 250, Deduct</i>	-136.97	
<i>For &gt;250 To 500, Deduct</i>	-219.41	
<i>For &gt;500 To 1,000, Deduct</i>	-301.86	
<i>For &gt;1,000, Deduct</i>	-384.30	
26 56 19 00-0236 Post Top, LED Area Fixtures (General Electric EPST) <small>(26 56 19 00-0225)</small> Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0237 EA 3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3).....	1,340.46	177.44
<i>For &gt;50 To 100, Deduct</i>	-67.02	
<i>For &gt;100 To 250, Deduct</i>	-100.53	
<i>For &gt;250 To 500, Deduct</i>	-158.69	
<i>For &gt;500 To 1,000, Deduct</i>	-216.84	
<i>For &gt;1,000, Deduct</i>	-274.99	
26 56 19 00-0238 EA 6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3).....	1,428.07	177.44
<i>For &gt;50 To 100, Deduct</i>	-71.40	
<i>For &gt;100 To 250, Deduct</i>	-107.11	
<i>For &gt;250 To 500, Deduct</i>	-169.64	
<i>For &gt;500 To 1,000, Deduct</i>	-232.17	
<i>For &gt;1,000, Deduct</i>	-294.70	
26 56 19 00-0239 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) <small>(26 56 19 00-0225)</small> Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		



<b>26</b>	<b>Electrical</b>
<b>26 50</b>	<b>Lighting</b>
<b>26 56</b>	<b>Exterior Lighting</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0240	EA		13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	3,261.63	177.44
			<i>For &gt;50 To 100, Deduct</i>	-163.08	
			<i>For &gt;100 To 250, Deduct</i>	-244.62	
			<i>For &gt;250 To 500, Deduct</i>	-398.83	
			<i>For &gt;500 To 1,000, Deduct</i>	-553.04	
			<i>For &gt;1,000, Deduct</i>	-707.25	
26 56 19 00-0241			<b>LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA)</b> <small>(26 56 19 00-0225)</small>		
			Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0242	EA		LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53).....	890.37	96.78
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For &gt;50 To 100, Deduct</i>	-44.52	
			<i>For &gt;100 To 250, Deduct</i>	-66.78	
			<i>For &gt;250 To 500, Deduct</i>	-106.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-146.14	
			<i>For &gt;1,000, Deduct</i>	-185.82	
26 56 19 00-0243			<b>LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT)</b> <small>(26 56 19 00-0225)</small>		
			Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0244	EA		LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) .....	564.44	20.65
			<i>For Backlight Control Shield, Add</i>	44.28	
			<i>For &gt;50 To 100, Deduct</i>	-28.22	
			<i>For &gt;100 To 250, Deduct</i>	-42.33	
			<i>For &gt;250 To 500, Deduct</i>	-68.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-94.65	
			<i>For &gt;1,000, Deduct</i>	-120.80	
26 56 19 00-0245			<b>Surface Mount, LED Strip Fixtures (Sylvania)</b> <small>(26 56 19 00-0156)</small>		
26 56 19 00-0246	EA		4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D).....	531.22	38.75
			<i>For &gt;50 To 100, Deduct</i>	-26.56	
			<i>For &gt;100 To 250, Deduct</i>	-39.84	
			<i>For &gt;250 To 500, Deduct</i>	-64.95	
			<i>For &gt;500 To 1,000, Deduct</i>	-90.05	
			<i>For &gt;1,000, Deduct</i>	-115.16	
<b>26 56 21</b>			<b>HID Exterior Lighting</b> <small>(26 56)</small>		
26 56 21 00-0001			<b>High Mast Fixtures</b> <small>(26 56 21)</small>		
26 56 21 00-0002			<b>Metal Halide, High Mast Fixtures</b> <small>(26 56 21 00-0001)</small>		
26 56 21 00-0003	EA		400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	1,967.43	159.60
26 56 21 00-0004	EA		400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	2,103.90	159.60
26 56 21 00-0005	EA		750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	2,083.24	182.34
26 56 21 00-0006	EA		750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	2,165.12	182.34
26 56 21 00-0007	EA		1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux .....	2,184.96	227.92
26 56 21 00-0008	EA		1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux .....	2,266.84	227.92
26 56 21 00-0009			<b>High Pressure Sodium, High Mast Fixtures</b> <small>(26 56 21 00-0001)</small>		
26 56 21 00-0010	EA		400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	2,033.06	159.60
26 56 21 00-0011	EA		400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux.....	2,114.94	159.60
26 56 21 00-0012	EA		600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	2,463.68	168.73
26 56 21 00-0013	EA		750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	2,522.86	182.34
26 56 21 00-0014	EA		1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux .....	2,665.52	227.92
26 56 21 00-0015			<b>Cobra Head Lighting Fixtures</b> <small>(26 56 21)</small>		
26 56 21 00-0016	EA		Cobra Head Housing With 150 Watt Lamp .....	989.99	127.07
26 56 21 00-0017	EA		Cobra Head Housing With 175 Watt Lamp .....	983.18	127.07
26 56 21 00-0018	EA		Cobra Head Housing With 250 Watt Lamp .....	1,050.41	127.07
26 56 21 00-0019	EA		Cobra Head Housing With 400 Watt Lamp .....	1,060.49	127.07
26 56 21 00-0020			<b>HID, Pole Mounted</b> <small>(26 56 21)</small>		
26 56 21 00-0021			<b>Metal Halide, Pole Mounted</b> <small>(26 56 21 00-0020)</small>		
26 56 21 00-0022	EA		175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	687.32	260.26
26 56 21 00-0023	EA		250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	774.48	282.50
26 56 21 00-0024	EA		400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	905.69	303.90
26 56 21 00-0025	EA		1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture .....	1,143.85	356.17
26 56 21 00-0026			<b>High Pressure Sodium, Pole Mounted</b> <small>(26 56 21 00-0020)</small>		
26 56 21 00-0027	EA		100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	819.19	303.90



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0028 EA 150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	844.66	303.90
26 56 21 00-0029 EA 175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	884.02	303.90
26 56 21 00-0030 EA 250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	990.30	303.90
26 56 21 00-0031 EA 400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	1,142.64	303.90
26 56 21 00-0032 EA 1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture .....	1,098.44	303.90
26 56 21 00-0033 EA 150 Watt Sterner Gothic Fixture .....	1,034.47	170.18
26 56 21 00-0034 EA 250 Watt Sterner Gothic Fixture .....	1,486.36	212.73
<b>26 56 21 00-0035 Low Pressure Sodium, Pole Mounted (26 56 21 00-0020)</b>		
26 56 21 00-0036 EA 135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed .....	704.32	165.32
26 56 21 00-0037 EA 135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed .....	752.91	243.12
26 56 21 00-0038 EA 180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed .....	893.83	243.12
<b>26 56 21 00-0039 Metal Halide, Area Fixtures (26 56 21)</b>		
<b>26 56 21 00-0040 Metal Halide, Pole Mount, Area Fixtures (26 56 21 00-0039)</b>		
Note: Includes pulse start ballast.		
26 56 21 00-0041 EA 150 Watt, Metal Halide Area Fixture, Pole Mount .....	1,146.93	160.78
26 56 21 00-0042 EA 175 Watt, Metal Halide Area Fixture, Pole Mount .....	1,258.52	176.85
26 56 21 00-0043 EA 250 Watt, Metal Halide Area Fixture, Pole Mount .....	1,392.54	192.94
26 56 21 00-0044 EA 400 Watt, Metal Halide Area Fixture, Pole Mount .....	1,466.94	225.09
<b>26 56 21 00-0045 High Pressure Sodium, Area Fixtures (26 56 21)</b>		
<b>26 56 21 00-0046 Pole Mount, High Pressure Sodium Area Fixtures (26 56 21 00-0045)</b>		
26 56 21 00-0047 EA 100 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	954.21	128.62
26 56 21 00-0048 EA 150 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	1,032.73	160.78
26 56 21 00-0049 EA 250 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	1,115.05	192.94
26 56 21 00-0050 EA 400 Watt, High Pressure Sodium Area Fixture, Pole Mount .....	1,169.58	225.09
<b>26 56 21 00-0051 Surface Mounted, Rectangular Exterior Area Fixture (26 56 21)</b>		
<b>26 56 21 00-0052 Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture (26 56 21 00-0051)</b>		
26 56 21 00-0053 EA 175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	644.85	243.12
26 56 21 00-0054 EA 250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	735.52	273.51
26 56 21 00-0055 EA 400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	884.03	303.90
26 56 21 00-0056 EA 1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	1,123.71	356.17
<b>26 56 21 00-0057 High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture (26 56 21 00-0051)</b>		
26 56 21 00-0058 EA 70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	621.71	207.87
26 56 21 00-0059 EA 100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	675.99	221.24
26 56 21 00-0060 EA 150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	728.70	233.40
26 56 21 00-0061 EA 175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	752.87	243.12
26 56 21 00-0062 EA 250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	836.38	273.51
26 56 21 00-0063 EA 400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	902.01	303.90
26 56 21 00-0064 EA 1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture .....	1,242.07	356.17
<b>26 56 21 00-0065 Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21)</b>		
<b>26 56 21 00-0066 High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21 00-0065)</b>		
Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0067 EA 35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	808.72	164.10
26 56 21 00-0068 EA 50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	836.60	182.34
26 56 21 00-0069 EA 70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	891.57	207.87
26 56 21 00-0070 EA 100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	915.02	221.24
26 56 21 00-0071 EA 150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	939.10	233.40
26 56 21 00-0072 EA 175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	984.23	243.12
26 56 21 00-0073 EA 250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,079.32	273.51
26 56 21 00-0074 EA 400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,317.43	303.90
<b>26 56 21 00-0075 Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21 00-0065)</b>		
Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 21 00-0076 EA 50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	890.07	182.34
26 56 21 00-0077 EA 70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	936.90	207.87
26 56 21 00-0078 EA 100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	967.98	221.24
26 56 21 00-0079 EA 150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,008.32	233.40
26 56 21 00-0080 EA 175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,029.60	243.12



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 56 21 00-0081	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,127.01	273.51
26 56 21 00-0082	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture .....	1,444.24	303.90
<b>26 56 21 00-0083</b>		<b>Wall Packs <small>(26 56 21)</small></b>		
<b>26 56 21 00-0084</b>		<b>Non-Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.		
26 56 21 00-0085	EA	13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	361.28	57.95
26 56 21 00-0086	EA	50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	388.82	57.95
26 56 21 00-0087	EA	35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	388.82	57.95
26 56 21 00-0088	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	522.33	57.95
<b>26 56 21 00-0089</b>		<b>Semi-Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.		
26 56 21 00-0090	EA	42 Watt Compact Fluorescent, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	737.82	57.95
26 56 21 00-0091	EA	50 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	747.73	57.95
26 56 21 00-0092	EA	70 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	756.29	57.95
26 56 21 00-0093	EA	100 Watt Metal Halide, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	740.67	57.95
26 56 21 00-0094	EA	70 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	676.42	57.95
26 56 21 00-0095	EA	100 Watt High Pressure Sodium, Semi-Cutoff, Polycarbonate Lens, Mini Wall Pack .....	641.13	57.95
<b>26 56 21 00-0096</b>		<b>Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.		
26 56 21 00-0097	EA	50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack .....	778.47	57.95
26 56 21 00-0098	EA	70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack .....	787.50	57.95
26 56 21 00-0099	EA	100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack .....	771.89	57.95
26 56 21 00-0100	EA	70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack .....	784.46	57.95
26 56 21 00-0101	EA	100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack .....	784.46	57.95
<b>26 56 21 00-0102</b>		<b>Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.		
26 56 21 00-0103	EA	70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	732.62	77.19
26 56 21 00-0104	EA	100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	732.62	77.19
26 56 21 00-0105	EA	175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	684.26	77.19
26 56 21 00-0106	EA	70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	702.80	77.19
26 56 21 00-0107	EA	100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	702.80	77.19
26 56 21 00-0108	EA	150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	649.19	77.19
<b>26 56 21 00-0109</b>		<b>Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.		
26 56 21 00-0110	EA	70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	761.27	77.19
26 56 21 00-0111	EA	100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	761.27	77.19
26 56 21 00-0112	EA	175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	761.27	77.19
26 56 21 00-0113	EA	70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	732.83	77.19
26 56 21 00-0114	EA	100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	732.83	77.19
26 56 21 00-0115	EA	150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack .....	732.83	77.19
<b>26 56 21 00-0116</b>		<b>Full Cutoff, Tempered Glass Lens, Small Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.		
26 56 21 00-0117	EA	175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack .....	992.71	77.19
<b>26 56 21 00-0118</b>		<b>Cutoff, Borosilicate Glass Lens, Medium Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Aluminum body and reflector. Lithonia TWR2.		
26 56 21 00-0119	EA	250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	923.61	95.62
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0120	EA	400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	989.16	95.62
		Note: 9-1/4" x 17-7/8" x 12-1/2".		
26 56 21 00-0121	EA	250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	1,067.32	95.62
		Note: 9-1/4" x 17-7/8" x 9-3/8".		
26 56 21 00-0122	EA	400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack .....	1,088.83	95.62
		Note: 9-1/4" x 17-7/8" x 12-1/2".		
<b>26 56 21 00-0123</b>		<b>Cutoff, Tempered Glass Lens, Medium Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.		
26 56 21 00-0124	EA	250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack .....	1,007.93	95.62
26 56 21 00-0125	EA	400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack .....	1,081.58	95.62
<b>26 56 21 00-0126</b>		<b>Non-Cutoff, Polycarbonate Lens, Large Wall Packs <small>(26 56 21 00-0083)</small></b>		
		Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.		
26 56 21 00-0127	EA	100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack .....	919.74	115.91
26 56 21 00-0128	EA	175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack .....	841.73	115.91
26 56 21 00-0129	EA	70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack .....	901.69	115.91
26 56 21 00-0130	EA	100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack .....	907.66	115.91



<b>Electrical</b>	<b>26</b>	<b>26</b>
<b>Lighting</b>	<b>26 50</b>	
<b>Exterior Lighting</b>	<b>26 56</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0131 EA 150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	913.92	115.91
<b>26 56 21 00-0132 Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs</b> (26 56 21 00-0083) Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0133 EA 175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	919.76	115.91
26 56 21 00-0134 EA 250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	945.80	115.91
26 56 21 00-0135 EA 400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	1,023.80	115.91
26 56 21 00-0136 EA 150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	971.81	115.91
26 56 21 00-0137 EA 250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	997.84	115.91
26 56 21 00-0138 EA 400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	1,049.79	115.91
<b>26 56 21 00-0139 Semi-Cutoff, Induction Wall Packs</b> (26 56 21 00-0083)		
<b>26 56 21 00-0140 Semi-Cutoff, Induction Wall Packs (Everlast®)</b> (26 56 21 00-0139) Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0141 EA 70 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	1,215.93	109.69
26 56 21 00-0142 EA 80 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	1,239.95	116.14
26 56 21 00-0143 EA 100 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	1,263.95	122.59
26 56 21 00-0144 EA 120 Watt, Wall Mount, Semi-Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	1,410.10	129.04
<b>26 56 21 00-0145 Non-Cutoff, Polycarbonate Lens, Small Wall Packs</b> (26 56 21 00-0083)		
26 56 21 00-0146 EA 15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPKAK1N/015UNV740/NC/BZ/P).....	373.41	57.95
<b>26 56 21 00-0147 Induction, Roadway Lighting</b> (26 56 21)		
<b>26 56 21 00-0148 Induction Roadway Lighting (US Lighting Tech)</b> (26 56 21 00-0147) Note: Includes gray powder coat finish heavy-duty die cast aluminum body and flat glass lens.		
26 56 21 00-0149 EA 40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	645.56	193.57
26 56 21 00-0150 EA 70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	709.15	200.02
26 56 21 00-0151 EA 100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	734.96	212.92
26 56 21 00-0152 EA 150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	760.77	225.83
26 56 21 00-0153 EA 200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	890.22	232.28
26 56 21 00-0154 EA 250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	907.17	238.74
26 56 21 00-0155 EA 40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	603.00	193.57
26 56 21 00-0156 EA 70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	672.66	200.02
26 56 21 00-0157 EA 100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	698.47	212.92
26 56 21 00-0158 EA 150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	724.28	225.83
<b>26 56 21 00-0159 Induction, Area Fixtures</b> (26 56 21)		
<b>26 56 21 00-0160 Post Top, Induction Area Fixtures</b> (26 56 21 00-0159)		
<b>26 56 21 00-0161 Post Top, Induction Area Fixtures (US Lighting Tech)</b> (26 56 21 00-0160) Note: Includes black powder coat finish heavy-duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0162 EA 40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	720.73	177.44
26 56 21 00-0163 EA 70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	779.51	177.44
26 56 21 00-0164 EA 100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	779.51	177.44
26 56 21 00-0165 EA 150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	779.51	177.44
<b>26 56 21 00-0166 Surface Mount, Induction Parking Structure Fixtures</b> (26 56 21 00-0159)		
<b>26 56 21 00-0167 Surface Mount, Induction Parking Structure Fixtures (Everlast®)</b> (26 56 21 00-0166)		
26 56 21 00-0168 EA 40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	654.92	161.31
26 56 21 00-0169 EA 55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	695.84	164.53
26 56 21 00-0170 EA 70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	706.35	167.76
26 56 21 00-0171 EA 80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	716.85	170.98
26 56 21 00-0172 EA 100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	727.35	174.21
26 56 21 00-0173 EA 120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	741.91	177.44
26 56 21 00-0174 EA 70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	765.13	167.76
26 56 21 00-0175 EA 80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	775.63	170.98
26 56 21 00-0176 EA 100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	786.13	174.21
26 56 21 00-0177 EA 120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	817.92	177.44
<b>26 56 21 00-0178 Pole Mount, Induction Area Fixtures</b> (26 56 21 00-0159)		
<b>26 56 21 00-0179 Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED)</b> (26 56 21 00-0178) Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0180 EA 70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70).....	1,271.45	109.69
26 56 21 00-0181 EA 80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80).....	1,306.57	116.14
26 56 21 00-0182 EA 100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100).....	1,341.68	122.59

26	<b>26</b>	<b>Electrical</b>
	26 50	Lighting
	26 56	Exterior Lighting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**END OF SECTION 26**





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

### 27 05 Common Work Results for Communications (27)

#### 27 05 26 Grounding and Bonding for Communications Systems (27 05)

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00).....	1,050.77	118.66
		Note: Excludes terminations.		
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00).....	1,339.79	158.25
		Note: Excludes terminations.		
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00).....	2,126.42	237.31
		Note: Excludes terminations.		
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit.....	12.69	1.74
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK).....	79.11	31.35
27 05 26 00-0006	EA	2" x 1/4" x 12", G Pattern, Grounding Bus Bar.....	184.99	31.35
27 05 26 00-0007	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	199.78	31.35
27 05 26 00-0008	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	384.32	31.35
27 05 26 00-0009	EA	#6 AWG, Cable Runway Ground Strap.....	76.63	5.80
27 05 26 00-0010	EA	1/4" Screw Size, #6 AWG Compression Lug.....	26.06	5.80
27 05 26 00-0011	EA	3/8" Screw Size, #6 AWG Compression Lug.....	27.84	5.80
27 05 26 00-0012	EA	Two Mounting Hole, Ground Terminal Block.....	31.14	5.80

#### 27 05 29 Hangers and Supports for Communications Systems (27 05)

See CSI section 26 05 29 00-0000 for hangers and supports.

##### 27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29)

##### 27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12).....	9.39	2.90
		<i>For &gt;50 To 100, Deduct</i>	-0.38	
		<i>For &gt;100 To 250, Deduct</i>	-0.76	
		<i>For &gt;250 To 500, Deduct</i>	-1.43	
		<i>For &gt;500, Deduct</i>	-2.10	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.74	
		<i>For Painted Powder Coated Finish, Add</i>	0.73	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21).....	9.95	2.90
		<i>For &gt;50 To 100, Deduct</i>	-0.39	
		<i>For &gt;100 To 250, Deduct</i>	-0.79	
		<i>For &gt;250 To 500, Deduct</i>	-1.47	
		<i>For &gt;500, Deduct</i>	-2.16	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.74	
		<i>For Painted Powder Coated Finish, Add</i>	2.56	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	9.12	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32).....	10.81	2.90
		<i>For &gt;50 To 100, Deduct</i>	-0.42	
		<i>For &gt;100 To 250, Deduct</i>	-0.83	
		<i>For &gt;250 To 500, Deduct</i>	-1.54	
		<i>For &gt;500, Deduct</i>	-2.24	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.74	
		<i>For Painted Powder Coated Finish, Add</i>	3.14	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	11.34	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64).....	18.28	2.90
		<i>For &gt;50 To 100, Deduct</i>	-0.60	
		<i>For &gt;100 To 250, Deduct</i>	-1.20	
		<i>For &gt;250 To 500, Deduct</i>	-2.10	
		<i>For &gt;500, Deduct</i>	-2.99	
		<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	1.74	
		<i>For Painted Powder Coated Finish, Add</i>	1.68	
		<i>For Low Friction Xylan® Coated Finish, Add</i>	10.05	

##### 27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001)

Note: Includes screw.

**27 Communications****27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA		3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB) .....	10.71	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.41	
			<i>For &gt;100 To 250, Deduct</i>	-0.83	
			<i>For &gt;250 To 500, Deduct</i>	-1.53	
			<i>For &gt;500, Deduct</i>	-2.23	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0009	EA		1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB) .....	14.06	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100 To 250, Deduct</i>	-0.99	
			<i>For &gt;250 To 500, Deduct</i>	-1.78	
			<i>For &gt;500, Deduct</i>	-2.57	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0010	EA		2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB) .....	15.70	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.54	
			<i>For &gt;100 To 250, Deduct</i>	-1.08	
			<i>For &gt;250 To 500, Deduct</i>	-1.90	
			<i>For &gt;500, Deduct</i>	-2.73	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0011	EA		4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB) .....	21.55	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.68	
			<i>For &gt;100 To 250, Deduct</i>	-1.37	
			<i>For &gt;250 To 500, Deduct</i>	-2.34	
			<i>For &gt;500, Deduct</i>	-3.32	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.55	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0012			<b>Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)</b> (27 05 29 00-0001) Note: Excludes strut.		
27 05 29 00-0013	EA		3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4) .....	11.33	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.43	
			<i>For &gt;100 To 250, Deduct</i>	-0.86	
			<i>For &gt;250 To 500, Deduct</i>	-1.57	
			<i>For &gt;500, Deduct</i>	-2.29	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0014	EA		1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4) .....	13.57	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.48	
			<i>For &gt;100 To 250, Deduct</i>	-0.97	
			<i>For &gt;250 To 500, Deduct</i>	-1.74	
			<i>For &gt;500, Deduct</i>	-2.52	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0015	EA		2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4) .....	14.73	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.51	
			<i>For &gt;100 To 250, Deduct</i>	-1.03	
			<i>For &gt;250 To 500, Deduct</i>	-1.83	
			<i>For &gt;500, Deduct</i>	-2.63	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0016	EA		4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4) .....	20.26	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.65	
			<i>For &gt;100 To 250, Deduct</i>	-1.30	
			<i>For &gt;250 To 500, Deduct</i>	-2.24	
			<i>For &gt;500, Deduct</i>	-3.19	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0017			<b>T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)</b> (27 05 29 00-0001) Note: Excludes T-Bar.		
27 05 29 00-0018	EA		3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28) .....	13.78	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.49	
			<i>For &gt;100 To 250, Deduct</i>	-0.98	
			<i>For &gt;250 To 500, Deduct</i>	-1.76	
			<i>For &gt;500, Deduct</i>	-2.54	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0019	EA		1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28) .....	17.57	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.58	
			<i>For &gt;100 To 250, Deduct</i>	-1.17	
			<i>For &gt;250 To 500, Deduct</i>	-2.04	
			<i>For &gt;500, Deduct</i>	-2.92	
			<i>For Work In Restricted Working Space, Add</i>	1.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020 EA 2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28).....	18.56	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.61	
<i>For &gt;100 To 250, Deduct</i>	-1.22	
<i>For &gt;250 To 500, Deduct</i>	-2.12	
<i>For &gt;500, Deduct</i>	-3.02	
<i>For Work In Restricted Working Space, Add</i>	1.74	
<b>27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)</b> <small>(27 05 29 00-0001)</small>		
<small>Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.</small>		
27 05 29 00-0022 EA 3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6).....	11.03	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.42	
<i>For &gt;100 To 250, Deduct</i>	-0.84	
<i>For &gt;250 To 500, Deduct</i>	-1.55	
<i>For &gt;500, Deduct</i>	-2.26	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0023 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6).....	11.54	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.43	
<i>For &gt;100 To 250, Deduct</i>	-0.87	
<i>For &gt;250 To 500, Deduct</i>	-1.59	
<i>For &gt;500, Deduct</i>	-2.31	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0024 EA 2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6).....	14.17	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.50	
<i>For &gt;100 To 250, Deduct</i>	-1.00	
<i>For &gt;250 To 500, Deduct</i>	-1.79	
<i>For &gt;500, Deduct</i>	-2.58	
<i>For Work In Restricted Working Space, Add</i>	1.74	
<b>27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)</b> <small>(27 05 29 00-0001)</small>		
<small>Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.</small>		
27 05 29 00-0026 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB).....	13.87	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.49	
<i>For &gt;100 To 250, Deduct</i>	-0.98	
<i>For &gt;250 To 500, Deduct</i>	-1.77	
<i>For &gt;500, Deduct</i>	-2.55	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0027 EA 2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB).....	15.09	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.52	
<i>For &gt;100 To 250, Deduct</i>	-1.04	
<i>For &gt;250 To 500, Deduct</i>	-1.86	
<i>For &gt;500, Deduct</i>	-2.67	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0028 EA 4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB).....	21.21	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.68	
<i>For &gt;100 To 250, Deduct</i>	-1.35	
<i>For &gt;250 To 500, Deduct</i>	-2.32	
<i>For &gt;500, Deduct</i>	-3.28	
<i>For Work In Restricted Working Space, Add</i>	1.74	
<b>27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks)</b> <small>(27 05 29 00-0001)</small>		
27 05 29 00-0030 EA 3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A).....	13.70	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.49	
<i>For &gt;100 To 250, Deduct</i>	-0.98	
<i>For &gt;250 To 500, Deduct</i>	-1.75	
<i>For &gt;500, Deduct</i>	-2.53	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0031 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A).....	15.89	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.54	
<i>For &gt;100 To 250, Deduct</i>	-1.08	
<i>For &gt;250 To 500, Deduct</i>	-1.92	
<i>For &gt;500, Deduct</i>	-2.75	
<i>For Work In Restricted Working Space, Add</i>	1.74	
27 05 29 00-0032 EA 2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A).....	17.05	2.90
<i>For &gt;50 To 100, Deduct</i>	-0.57	
<i>For &gt;100 To 250, Deduct</i>	-1.14	
<i>For &gt;250 To 500, Deduct</i>	-2.00	
<i>For &gt;500, Deduct</i>	-2.87	
<i>For Work In Restricted Working Space, Add</i>	1.74	

**27 Communications****27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA		4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A).....	23.42	2.90
			<i>For &gt;50 To 100, Deduct</i>	-0.73	
			<i>For &gt;100 To 250, Deduct</i>	-1.46	
			<i>For &gt;250 To 500, Deduct</i>	-2.48	
			<i>For &gt;500, Deduct</i>	-3.50	
			<i>For Work In Restricted Working Space, Add</i>	1.74	
<b>27 05 29 00-0034</b>			<b>Adjustable Cable Supports (Caddy® CableCat CAT425)</b> <sup>(27 05 29)</sup>		
27 05 29 00-0035	EA		Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	39.62	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100 To 250, Deduct</i>	-2.56	
			<i>For &gt;250 To 500, Deduct</i>	-4.42	
			<i>For &gt;500, Deduct</i>	-6.28	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	3.00	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0036	EA		Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	40.44	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.30	
			<i>For &gt;100 To 250, Deduct</i>	-2.60	
			<i>For &gt;250 To 500, Deduct</i>	-4.48	
			<i>For &gt;500, Deduct</i>	-6.36	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0037	EA		Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	44.70	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.41	
			<i>For &gt;100 To 250, Deduct</i>	-2.81	
			<i>For &gt;250 To 500, Deduct</i>	-4.80	
			<i>For &gt;500, Deduct</i>	-6.79	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0038	EA		>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	39.48	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.28	
			<i>For &gt;100 To 250, Deduct</i>	-2.55	
			<i>For &gt;250 To 500, Deduct</i>	-4.41	
			<i>For &gt;500, Deduct</i>	-6.27	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0039	EA		Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	41.46	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.33	
			<i>For &gt;100 To 250, Deduct</i>	-2.65	
			<i>For &gt;250 To 500, Deduct</i>	-4.56	
			<i>For &gt;500, Deduct</i>	-6.46	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0040	EA		>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	43.41	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.38	
			<i>For &gt;100 To 250, Deduct</i>	-2.75	
			<i>For &gt;250 To 500, Deduct</i>	-4.70	
			<i>For &gt;500, Deduct</i>	-6.66	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
27 05 29 00-0041	EA		Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	40.79	3.83
			<i>For &gt;50 To 100, Deduct</i>	-1.31	
			<i>For &gt;100 To 250, Deduct</i>	-2.62	
			<i>For &gt;250 To 500, Deduct</i>	-4.51	
			<i>For &gt;500, Deduct</i>	-6.40	
			<i>For Work In Restricted Working Space, Add</i>	3.48	

**27 05 33 Conduits and Back Boxes for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 33 00-0000 for conduit and boxes.

**27 05 36 Cable Trays for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 36 00-0000 for cable trays.

**27 05 39 Surface Raceways for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 33 00-0000 for surface raceways.

**27 05 43 Underground Ducts and Raceways for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

**27 05 46 Utility Poles for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 46 00-0000 for utility poles.

**27 05 53 Identification for Communications Systems** <sup>(27 05)</sup>

See CSI section 26 05 53 00-0000 for identification.

**27 10 Structured Cabling** <sup>(27)</sup>

Note: Includes identifying, tagging and testing.

**27 11 Communications Equipment Room Fittings** <sup>(27 10)</sup>



<b>Communications</b>		<b>27</b>
<b>Structured Cabling</b>		<b>27 10</b>
<b>Communications Equipment Room Fittings</b>		<b>27 11</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 11 16 Communications Cabinets, Racks, Frames, and Enclosures (27 11)</b>		
<b>27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards (27 11 16)</b>		
27 11 16 00-0002 EA 4' x 4' x 3/4" Fire Retardant Plywood Backboard ..... <i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	95.86 60.89	30.14
27 11 16 00-0003 EA 4' x 8' x 3/4" Fire Retardant Plywood Backboard ..... <i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>	191.70 121.78	60.27
<b>27 11 16 00-0004 Terminal Cabinets (27 11 16)</b>		
27 11 16 00-0005 EA 12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard .....	381.85	86.93
27 11 16 00-0006 EA 18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard .....	488.38	95.62
27 11 16 00-0007 EA 24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard .....	561.93	110.10
27 11 16 00-0008 EA 18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard .....	583.56	113.00
27 11 16 00-0009 EA 24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard .....	723.11	115.91
27 11 16 00-0010 EA 26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard .....	900.79	130.39
27 11 16 00-0011 EA 24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard .....	924.69	127.49
27 11 16 00-0012 EA 30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,180.85	181.62
27 11 16 00-0013 EA 36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,260.96	199.58
27 11 16 00-0014 EA 42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,536.13	210.83
27 11 16 00-0015 EA 30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,268.88	173.85
27 11 16 00-0016 EA 36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,372.14	188.35
27 11 16 00-0017 EA 48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard .....	1,707.86	241.43
27 11 16 00-0018 EA 54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard .....	2,045.75	301.82
27 11 16 00-0019 EA 48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard .....	2,338.31	298.45
27 11 16 00-0020 EA 60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard .....	2,677.26	363.13
<b>27 11 16 00-0021 Equipment Racks And Cable Managers (27 11 16)</b>		
<b>27 11 16 00-0022 Equipment Racks (27 11 16 00-0021)</b>		
Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
<b>27 11 16 00-0023 Standard Equipment Racks (27 11 16 00-0022)</b>		
<b>27 11 16 00-0024 19" Width, Standard Equipment Racks (27 11 16 00-0023)</b>		
27 11 16 00-0025 EA 84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	573.27 10.12	185.45
27 11 16 00-0026 EA 96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	793.43 19.97	197.04
27 11 16 00-0027 EA 108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	856.94 21.98	208.62
<b>27 11 16 00-0028 Universal Equipment Racks (27 11 16 00-0028)</b>		
<b>27 11 16 00-0029 Universal Equipment Racks (27 11 16 00-0028)</b>		
<b>27 11 16 00-0030 19" Width, EIA Universal Equipment Racks (27 11 16 00-0029)</b>		
27 11 16 00-0031 EA 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	743.03 20.93	162.27
27 11 16 00-0032 EA 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	811.52 24.06	165.16
27 11 16 00-0033 EA 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	810.58 23.72	168.06
27 11 16 00-0034 EA 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	831.34 24.47	170.96
27 11 16 00-0035 EA 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	851.89 25.21	173.85
27 11 16 00-0036 EA 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	874.13 26.03	176.75
27 11 16 00-0037 EA 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	745.79 19.32	179.66
27 11 16 00-0038 EA 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	917.34 27.61	182.55
27 11 16 00-0039 EA 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	949.69 28.94	185.45
27 11 16 00-0040 EA 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	977.95 30.06	188.35
27 11 16 00-0041 EA 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	984.88 30.12	191.24
<b>27 11 16 00-0042 23" Width, Universal Equipment Racks (27 11 16 00-0029)</b>		
27 11 16 00-0043 EA 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	785.97 23.07	162.27
27 11 16 00-0044 EA 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	813.12 24.14	165.16
27 11 16 00-0045 EA 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	837.02 25.05	168.06
27 11 16 00-0046 EA 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	881.64 26.99	170.96



**27 Communications****27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0047	EA		72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01) .....	903.67	173.85
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	27.80	
27 11 16 00-0048	EA		78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02) .....	927.63	176.75
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	28.71	
27 11 16 00-0049	EA		84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03) .....	799.90	179.66
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	22.03	
27 11 16 00-0050	EA		90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05) .....	974.11	182.55
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	30.45	
27 11 16 00-0051	EA		96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15) .....	1,009.15	185.45
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	31.91	
27 11 16 00-0052	EA		102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17) .....	1,039.76	188.35
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.15	
27 11 16 00-0053	EA		108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08) .....	1,046.78	191.24
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.22	
<b>27 11 16 00-0054</b>			<b>35" Width, Universal Equipment Racks (27 11 16 00-0029)</b>		
27 11 16 00-0055	EA		72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01) .....	976.47	173.85
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	31.44	
27 11 16 00-0056	EA		84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03) .....	1,028.18	179.66
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.44	
<b>27 11 16 00-0057</b>			<b>UL Listed Universal Equipment Racks (27 11 16 00-0028)</b>		
			Note: UL listed as a communications circuit accessory.		
<b>27 11 16 00-0058</b>			<b>19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)</b>		
27 11 16 00-0059	EA		36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) .....	784.89	162.27
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	23.02	
27 11 16 00-0060	EA		48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) .....	848.15	165.16
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	25.89	
27 11 16 00-0061	EA		60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) .....	861.16	168.06
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	26.25	
27 11 16 00-0062	EA		66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) .....	880.32	170.96
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	26.92	
27 11 16 00-0063	EA		72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) .....	902.30	173.85
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	27.73	
27 11 16 00-0064	EA		78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) .....	926.19	176.75
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	28.63	
27 11 16 00-0065	EA		84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) .....	949.13	179.66
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.49	
27 11 16 00-0066	EA		90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) .....	972.59	182.55
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	30.38	
27 11 16 00-0067	EA		96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) .....	1,007.59	185.45
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	31.84	
27 11 16 00-0068	EA		102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) .....	1,038.12	188.35
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.07	
27 11 16 00-0069	EA		108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) .....	1,045.07	191.24
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.13	
<b>27 11 16 00-0070</b>			<b>23" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)</b>		
27 11 16 00-0071	EA		36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) .....	832.17	162.27
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	25.38	
27 11 16 00-0072	EA		48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) .....	912.27	165.16
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.10	
27 11 16 00-0073	EA		60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) .....	923.92	168.06
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.39	
27 11 16 00-0074	EA		66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) .....	935.60	170.96
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	29.68	
27 11 16 00-0075	EA		72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) .....	959.26	173.85
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	30.58	
27 11 16 00-0076	EA		78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) .....	985.04	176.75
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	31.58	
27 11 16 00-0077	EA		84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) .....	1,009.72	179.66
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	32.52	
27 11 16 00-0078	EA		90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) .....	1,034.99	182.55
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	33.50	
27 11 16 00-0079	EA		96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) .....	1,072.96	185.45
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	35.10	
27 11 16 00-0080	EA		102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) .....	1,106.07	188.35
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	36.47	
27 11 16 00-0081	EA		108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) .....	1,113.31	191.24
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	36.54	
<b>27 11 16 00-0082</b>			<b>4-Post Equipment Racks And Server Frames (27 11 16 00-0022)</b>		
<b>27 11 16 00-0083</b>			<b>4-Post Equipment Racks (27 11 16 00-0082)</b>		
27 11 16 00-0084	EA		19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03).....	1,585.26	289.76
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	50.29	
27 11 16 00-0085	EA		19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15).....	1,730.50	301.35
			<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	56.39	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0086	EA		19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,867.51 62.08	312.94
<b>27 11 16 00-0087</b>			<b>4-Post Server Frame</b> (27 11 16 00-0082)		
27 11 16 00-0088	EA		19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03) ..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,629.49 52.50	289.76
<b>27 11 16 00-0089</b>			<b>Cable Managers</b> (27 11 16 00-0021)		
<b>27 11 16 00-0090</b>			<b>Horizontal Cable Managers</b> (27 11 16 00-0089)		
<b>27 11 16 00-0091</b>			<b>Single-Sided, Horizontal Cable Managers</b> (27 11 16 00-0090)		
27 11 16 00-0092	EA		1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719) .....	91.63	11.59
27 11 16 00-0093	EA		1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723) .....	102.01	11.59
27 11 16 00-0094	EA		1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701) .....	76.53	11.59
27 11 16 00-0095	EA		2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719) .....	93.19	11.59
27 11 16 00-0096	EA		2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723) .....	109.26	11.59
27 11 16 00-0097	EA		2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702) .....	84.74	11.59
27 11 16 00-0098	EA		3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719) .....	125.57	11.59
27 11 16 00-0099	EA		3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723) .....	142.91	11.59
27 11 16 00-0100	EA		3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703) .....	101.15	11.59
<b>27 11 16 00-0101</b>			<b>Double-Sided, Horizontal Cable Managers</b> (27 11 16 00-0090)		
27 11 16 00-0102	EA		1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719) .....	113.75	11.59
27 11 16 00-0103	EA		1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723) .....	127.44	11.59
27 11 16 00-0104	EA		2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719) .....	119.68	11.59
27 11 16 00-0105	EA		2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723) .....	139.28	11.59
27 11 16 00-0106	EA		3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719) .....	154.81	11.59
27 11 16 00-0107	EA		3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723) .....	173.34	11.59
<b>27 11 16 00-0108</b>			<b>Vertical Cable Managers</b> (27 11 16 00-0089)		
<b>27 11 16 00-0109</b>			<b>Single-Sided, Vertical Cable Managers</b> (27 11 16 00-0108)		
27 11 16 00-0110	EA		3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701) .....	205.08	17.39
27 11 16 00-0111	EA		6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701) .....	289.20	17.39
27 11 16 00-0112	EA		10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701) .....	465.67	17.39
27 11 16 00-0113	EA		12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701) .....	527.22	17.39
27 11 16 00-0114	EA		3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703) .....	219.44	17.39
27 11 16 00-0115	EA		6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703) .....	311.77	17.39
27 11 16 00-0116	EA		10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703) .....	506.70	17.39
27 11 16 00-0117	EA		12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703) .....	568.26	17.39
27 11 16 00-0118	EA		3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715) .....	248.17	17.39
27 11 16 00-0119	EA		6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715) .....	342.55	17.39
27 11 16 00-0120	EA		10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715) .....	568.26	17.39
27 11 16 00-0121	EA		12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715) .....	629.82	17.39
<b>27 11 16 00-0122</b>			<b>Double-Sided, Vertical Cable Managers</b> (27 11 16 00-0108)		
27 11 16 00-0123	EA		3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701) .....	297.41	17.39
27 11 16 00-0124	EA		6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701) .....	350.76	17.39
27 11 16 00-0125	EA		10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701) .....	568.26	17.39
27 11 16 00-0126	EA		12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701) .....	670.85	17.39
27 11 16 00-0127	EA		3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703) .....	322.03	17.39
27 11 16 00-0128	EA		6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703) .....	375.38	17.39
27 11 16 00-0129	EA		10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703) .....	609.30	17.39
27 11 16 00-0130	EA		12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703) .....	711.89	17.39
27 11 16 00-0131	EA		3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715) .....	354.86	17.39
27 11 16 00-0132	EA		6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715) .....	408.21	17.39
27 11 16 00-0133	EA		10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715) .....	670.85	17.39
27 11 16 00-0134	EA		12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715) .....	773.45	17.39
<b>27 11 16 00-0135</b>			<b>Accessories For Vertical Cable Managers</b> (27 11 16 00-0108)		
27 11 16 00-0136	EA		Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716) .....	125.77	11.59
27 11 16 00-0137	EA		Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717) .....	133.98	11.59
27 11 16 00-0138	EA		Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718) .....	142.19	11.59
27 11 16 00-0139	EA		Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726) .....	129.88	11.59
27 11 16 00-0140	EA		Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727) .....	142.19	11.59
27 11 16 00-0141	EA		Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728) .....	154.50	11.59
27 11 16 00-0142	EA		Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746) .....	146.29	11.59
27 11 16 00-0143	EA		Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747) .....	158.60	11.59
27 11 16 00-0144	EA		Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748) .....	170.92	11.59
27 11 16 00-0145	EA		Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756) .....	154.50	11.59
27 11 16 00-0146	EA		Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757) .....	170.92	11.59
27 11 16 00-0147	EA		Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758) .....	183.23	11.59
27 11 16 00-0148	EA		Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001) .....	105.26	11.59
27 11 16 00-0149	EA		Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701) .....	121.67	11.59

**27 Communications****27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

27 11 16 00-0150	EA	Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001).....	127.21	11.59
27 11 16 00-0151	EA	Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001).....	80.63	11.59

**27 11 19 Communications Termination Blocks and Patch Panels (27 11)**

Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.

**27 11 19 00-0001 Computer Network Components (27 11 19)****27 11 19 00-0002 Ethernet Patch Panels (27 11 19 00-0001)**

27 11 19 00-0003	EA	12 Port, Category 5E Patch Panel.....	300.89	57.95
27 11 19 00-0004	EA	24 Port, Category 5E Patch Panel.....	458.71	57.95
27 11 19 00-0005	EA	32 Port, Category 5E Patch Panel.....	608.05	57.95
27 11 19 00-0006	EA	48 Port, Category 5E Patch Panel.....	747.20	57.95
27 11 19 00-0007	EA	64 Port, Category 5E Patch Panel.....	818.65	72.44
27 11 19 00-0008	EA	96 Port, Category 5E Patch Panel.....	1,388.92	86.93
27 11 19 00-0009	EA	12 Port, Category 6 Patch Panel.....	376.74	57.95
27 11 19 00-0010	EA	24 Port, Category 6 Patch Panel.....	468.89	57.95
27 11 19 00-0011	EA	48 Port, Category 6 Patch Panel.....	821.87	57.95
27 11 19 00-0012	EA	96 Port, Category 6 Patch Panel.....	1,531.47	86.93
27 11 19 00-0013	EA	16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP).....	778.37	86.93
27 11 19 00-0014	EA	16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP).....	816.90	86.93
27 11 19 00-0015	EA	12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289).....	315.73	57.95
27 11 19 00-0016	EA	Terminate One End Of A 4 Pair Cable To Category "X" Specifications.....	41.06	
		<i>For &gt;5 To 10 Cables, Deduct</i>	-7.39	
		<i>For &gt;10 Cables, Deduct</i>	-16.42	
27 11 19 00-0017	EA	Terminate One End Of A Twisted Pair Of Wires.....	11.29	
		Note: Per each pair		
		<i>For &gt;20 To 40 Pairs, Deduct</i>	-1.81	
		<i>For &gt;40 Pairs, Deduct</i>	-4.29	

**27 11 19 00-0018 Fiber Optic Cable Patch Panels And Enclosures (27 11 19 00-0001)****27 11 19 00-0019 Fiber Optic Cable Connector Housings (27 11 19 00-0018)****27 11 19 00-0020 Wall Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019)**

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0021	EA	1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	165.48	26.08
27 11 19 00-0022	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	253.68	26.08
27 11 19 00-0023	EA	4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	384.17	26.08
27 11 19 00-0024	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	564.26	43.46
27 11 19 00-0025	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	796.58	43.46

**27 11 19 00-0026 Rack Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0019)**

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0027	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	588.08	43.46
27 11 19 00-0028	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	676.65	43.46
27 11 19 00-0029	EA	6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	730.83	43.46
27 11 19 00-0030	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	861.75	43.46

**27 11 19 00-0031 Rack Mount, Fiber Optic Cable Pretium® Connector Housings (27 11 19 00-0019)**

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0032	EA	2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	739.89	43.46
		<i>For Splice Tray Bracket, Add</i>	82.00	
27 11 19 00-0033	EA	4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	871.64	43.46
		<i>For Splice Tray Bracket, Add</i>	89.67	
27 11 19 00-0034	EA	12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	1,093.70	43.46
		<i>For Splice Tray Bracket, Add</i>	326.69	

**27 11 19 00-0035 Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings (27 11 19 00-0019)**

Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0036	EA	8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	947.19	43.46
27 11 19 00-0037	EA	12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,219.06	43.46
27 11 19 00-0038	EA	24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,383.86	43.46
27 11 19 00-0039	EA	48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,804.18	43.46

**27 11 19 00-0040 Wall Mount, Fiber Optic Cable Industrial Connector Housings (27 11 19 00-0019)**

Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.

27 11 19 00-0041	EA	2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	853.52	26.08
27 11 19 00-0042	EA	6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	1,175.80	43.46
27 11 19 00-0043	EA	12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	1,235.29	43.46



<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Equipment Room Fittings</b>	<b>27 11</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 11 19 00-0044</b> <b>Wall Mount, Fiber Optic Cable Environmental Connector Housings</b> <small>(27 11 19 00-0019)</small>		
<small>Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0048 for connector panels.</small>		
27 11 19 00-0045    EA    2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing .....	894.63	26.08
27 11 19 00-0046    EA    6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing .....	1,175.08	43.46
27 11 19 00-0047    EA    12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing .....	1,385.54	43.46
<b>27 11 19 00-0048</b> <b>Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0018)</small>		
<b>27 11 19 00-0049</b> <b>SC Simplex, Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0050    EA    6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel .....	116.03	5.79
27 11 19 00-0051    EA    6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel .....	126.24	5.79
27 11 19 00-0052    EA    8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel .....	142.08	5.79
27 11 19 00-0053    EA    8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel .....	155.69	5.79
27 11 19 00-0054    EA    12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel .....	194.24	5.79
27 11 19 00-0055    EA    12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel .....	214.60	5.79
<b>27 11 19 00-0056</b> <b>SC Duplex, Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0057    EA    6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel .....	111.51	5.79
27 11 19 00-0058    EA    6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel .....	113.91	5.79
27 11 19 00-0059    EA    8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel .....	136.10	5.79
27 11 19 00-0060    EA    8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel .....	139.29	5.79
27 11 19 00-0061    EA    12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel .....	185.26	5.79
27 11 19 00-0062    EA    12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel .....	190.01	5.79
<b>27 11 19 00-0063</b> <b>LC Duplex, Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0064    EA    6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel .....	120.73	5.79
27 11 19 00-0065    EA    6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel .....	132.75	5.79
27 11 19 00-0066    EA    8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel .....	148.34	5.79
27 11 19 00-0067    EA    8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel .....	164.39	5.79
27 11 19 00-0068    EA    12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel .....	203.64	5.79
27 11 19 00-0069    EA    12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel .....	227.68	5.79
27 11 19 00-0070    EA    16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel .....	258.92	5.79
27 11 19 00-0071    EA    16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel .....	290.96	5.79
27 11 19 00-0072    EA    24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel .....	369.45	5.79
27 11 19 00-0073    EA    24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel .....	380.62	5.79
<b>27 11 19 00-0074</b> <b>ST Simplex, Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0075    EA    6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel .....	95.81	5.79
27 11 19 00-0076    EA    6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel .....	103.53	5.79
27 11 19 00-0077    EA    8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel .....	115.14	5.79
27 11 19 00-0078    EA    8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel .....	125.45	5.79
27 11 19 00-0079    EA    12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel .....	153.79	5.79
27 11 19 00-0080    EA    12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel .....	169.26	5.79
<b>27 11 19 00-0081</b> <b>MT-RJ, Fiber Optic Cable Connector Panels</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0082    EA    12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel .....	120.00	5.79
27 11 19 00-0083    EA    12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel .....	181.42	5.79
<b>27 11 19 00-0084</b> <b>Fiber Optic Cable Pretium Edge® Modules</b> <small>(27 11 19 00-0048)</small>		
27 11 19 00-0085    EA    12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module .....	1,062.57	5.79
27 11 19 00-0086    EA    12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module .....	1,066.27	5.79
<b>27 11 19 00-0087</b> <b>Fiber Optic Cable Splice Housings</b> <small>(27 11 19 00-0018)</small>		
<b>27 11 19 00-0088</b> <b>Wall Mount, Fiber Optic Cable Splice Housings</b> <small>(27 11 19 00-0087)</small>		
<small>Note: Includes mounting hardware. Excludes splice trays.</small>		
27 11 19 00-0089    EA    12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door .....	389.70	57.95
<b>27 11 19 00-0090</b> <b>Rack Mount, Fiber Optic Cable Splice Housings</b> <small>(27 11 19 00-0087)</small>		
<small>Note: Includes mounting hardware. Excludes splice trays.</small>		
27 11 19 00-0091    EA    12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing .....	611.38	43.46
27 11 19 00-0092    EA    22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing .....	621.02	43.46
<b>27 11 19 00-0093</b> <b>Fiber Optic Cable Splice Trays</b> <small>(27 11 19 00-0087)</small>		
27 11 19 00-0094    EA    Fiber Optic Cable Splice Tray .....	112.76	14.48



<b>27</b>	<b>Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 11</b>	<b>Communications Equipment Room Fittings</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

27 11 19 00-0095	Fiber Optic Cable Jumper Management Panels (27 11 19 00-0018) Note: Includes mounting hardware.		
27 11 19 00-0096	EA Rack Mount, Fiber Optic Cable Jumper Management Panel .....	209.34	43.46
27 11 19 00-0097	Miscellaneous Accessories (27 11 19 00-0001)		
27 11 19 00-0098	EA Wall Mount Bracket For 12 Or 24 Port Patch Panel .....	78.64	
27 11 19 00-0099	EA Wall Mount Bracket For 32 Or 48 Port Patch Panel .....	105.95	
27 11 19 00-0100	EA Wall Mount Bracket For 64 Or 72 Port Patch Panel .....	114.86	
27 11 19 00-0101	EA Wall Mount Bracket For 96 Port Patch Panel .....	127.62	
27 11 19 00-0102	EA Lightning Protection Plus Stainless Steel Modules, Siemon .....	532.04	57.95
27 11 19 00-0103	Telephone Components (27 11 19)		
27 11 19 00-0104	Terminal Blocks With Wide Range Of 22-8 AWG (27 11 19 00-0103)		
27 11 19 00-0105	EA Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG .....	35.17	11.61
27 11 19 00-0106	EA Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG .....	69.32	11.61
27 11 19 00-0107	EA Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG .....	55.34	11.61
27 11 19 00-0108	EA Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG .....	26.74	11.61
27 11 19 00-0109	EA Flat Terminal Block Connection With Wire Range 22-8 AWG .....	18.93	8.12
27 11 19 00-0110	EA Ground Terminal Block With Wire Range 22-8 AWG .....	36.65	11.61
27 11 19 00-0111	EA Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG .....	26.74	11.61
27 11 19 00-0112	EA Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG .....	18.71	8.12
27 11 19 00-0113	EA Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG .....	18.56	8.12
27 11 19 00-0114	EA Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG .....	19.24	8.12
27 11 19 00-0115	Terminal Block Mounting Channel (27 11 19 00-0103)		
27 11 19 00-0116	EA Terminal Block Mounting Channel, .5 M Galvanized Steel .....	18.67	5.80
27 11 19 00-0117	EA Terminal Block Mounting Channel, 1 M Galvanized Steel .....	24.37	5.80
27 11 19 00-0118	EA Terminal Block Mounting Channel, 2 M Galvanized Steel .....	34.44	5.80
27 11 19 00-0119	EA Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc .....	24.07	6.97
27 11 19 00-0120	EA Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc .....	33.57	6.97
27 11 19 00-0121	EA Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc .....	49.34	6.97
27 11 19 00-0122	Outlet Termination Hardware (27 11 19 00-0103)		
27 11 19 00-0123	EA Telephone Outlet Blocks .....	37.18	5.80
27 11 19 00-0124	EA Phone Outlet Block For Floor Box .....	98.26	44.04
	Note: Excludes box.		
27 11 19 00-0125	EA Fiber Optic "SC" Type Modular Bulkhead .....	89.17	26.08
27 11 19 00-0126	EA Fiber Optic "ST" Type Modular Bulkhead .....	89.17	26.08
27 11 19 00-0127	EA Type "F" Coaxial Connector Male .....	51.73	17.39
27 11 19 00-0128	EA Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector .....	136.61	28.98
27 11 19 00-0129	EA Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector .....	136.61	28.98
27 11 19 00-0130	EA Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector .....	165.91	28.98
27 11 19 00-0131	EA Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector .....	165.91	28.98
27 11 19 00-0132	EA Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector .....	150.49	28.98
27 11 19 00-0133	EA Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5 .....	1,326.15	144.87
27 11 19 00-0134	EA Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V .....	63.56	11.59
	Note: Excludes cable terminations.		
27 11 19 00-0135	EA 5-Pair, Connecting Block .....	3.75	1.16
27 11 19 00-0136	EA 4-Pair, Connecting Block .....	4.07	1.16
27 11 19 00-0137	EA Plastic Label Holder, Transparent .....	15.15	2.90
27 11 19 00-0138	EA Marked Label, White, 5-Pair .....	4.05	
27 11 19 00-0139	EA Marked Label, Blue, 4-Pair .....	4.05	
27 11 19 00-0140	Terminations in Manhole or Junction Box (27 11 19 00-0103)		
27 11 19 00-0141	EA 25 Pair Cable Termination In Manhole Or Junction Box .....	185.45	
27 11 19 00-0142	EA 50 Pair Cable Termination In Manhole Or Junction Box .....	370.89	
27 11 19 00-0143	EA 100 Pair Cable Termination In Manhole Or Junction Box .....	741.78	
27 11 19 00-0144	EA 150 Pair Cable Termination In Manhole Or Junction Box .....	1,112.67	
27 11 19 00-0145	EA 200 Pair Cable Termination In Manhole Or Junction Box .....	1,301.60	
27 11 19 00-0146	EA 300 Pair Cable Termination In Manhole Or Junction Box .....	1,951.81	
27 11 19 00-0147	EA 400 Pair Cable Termination In Manhole Or Junction Box .....	2,454.83	
27 11 19 00-0148	EA 500 Pair Cable Termination In Manhole Or Junction Box .....	3,069.12	
27 11 19 00-0149	EA 750 Pair Cable Termination In Manhole Or Junction Box .....	4,603.66	
27 11 19 00-0150	EA 1,000 Pair Cable Termination In Manhole Or Junction Box .....	5,583.03	
27 11 19 00-0151	EA 1,200 Pair Cable Termination In Manhole Or Junction Box .....	6,363.15	
27 11 23	Communications Cable Management and Ladder Rack (27 11)		
27 11 23 00-0001	Equipment Supports (27 11 23)		
27 11 23 00-0002	EA 12" x 5'-11" Tubular Runway .....	122.80	27.81
27 11 23 00-0003	EA 12" x 9'-11" Tubular Runway .....	211.58	46.36
27 11 23 00-0004	EA Shelf Bracket Support For Tubular Runway .....	38.82	8.69
27 11 23 00-0005	EA Straight Clamp Hardware For Tubular Runway .....	16.02	5.79





<b>Communications</b>	<b>27</b>	<b>27</b>
Structured Cabling	27 10	
Communications Equipment Room Fittings	27 11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 23 00-0006 EA Corner Clamp Hardware For Tubular Runway .....	17.12	5.79
27 11 23 00-0007 EA 90 Degree Edge Clamp Hardware For Tubular Runway .....	40.09	10.43
27 11 23 00-0008 EA Wall Angle Assembly Hardware For 12" Wide Tubular Runway .....	86.71	17.39
27 11 23 00-0009 EA J-Bolt Hardware For Tubular Runway .....	7.65	2.55
27 11 23 00-0010 EA T Bracket Hardware For Tubular Runway .....	43.77	14.48
27 11 23 00-0011 EA 110 Jumper Trough (Commscope 107831133) .....	34.59	5.79
27 11 23 00-0012 LF Velcro CMP .....	2.83	1.16

**27 13 Communications Backbone Cabling** (27 10)

**27 13 13 Communications Copper Backbone Cabling** (27 13)

**27 13 13 13 Communications Copper Cable Splicing and Terminations** (27 13 13)

**27 13 13 13-0001 Building Entrance Terminals** (27 13 13 13)

27 13 13 13-0002 EA 25 Pair Gas Protective Unit Assembly Complete With Gas Protector .....	2,900.42	254.13
27 13 13 13-0003 EA 50 Pair Gas Protective Unit Assembly Complete With Gas Protector .....	3,816.74	423.55
27 13 13 13-0004 EA 100 Pair Gas Protective Unit Assembly Complete With Gas Protector .....	5,349.83	678.21

**27 13 13 13-0005 Modular Plugs For Copper Communications Cable** (27 13 13 13)

27 13 13 13-0006 EA Modular Plug For Non Shielded Copper Communications Cable .....	29.69	
Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.		
For >5 To 10, Deduct	-3.47	
For >10, Deduct	-6.94	
27 13 13 13-0007 EA Modular Plug For Shielded Copper Communications Cable .....	33.98	
Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.		
For >5 To 10, Deduct	-3.90	
For >10, Deduct	-7.81	

**27 13 13 13-0008 Testing And Certification Of Copper Communications Cable** (27 13 13 13)

Note: Use for existing systems.		
27 13 13 13-0009 EA Test 1-Pair Of A Copper Communications Cable For Continuity .....	5.79	
For >25-Pair, Deduct	-2.31	
27 13 13 13-0010 EA Certify 1-Pair Of A Copper Communications Cable .....	8.69	
For >25-Pair, Deduct	-3.47	
27 13 13 13-0011 EA Certify And Document 1-Pair Of A Copper Communications Cable .....	13.91	
For >25-Pair, Deduct	-5.55	
27 13 13 13-0012 EA Test 4-Pair Category 5-7 Telecommunications Cable For Continuity .....	23.18	
For >25-Pair, Deduct	-9.25	
27 13 13 13-0013 EA Certify 4-Pair Category 5-7 Telecommunications Cable .....	34.77	
For >25-Pair, Deduct	-13.88	
27 13 13 13-0014 EA Certify And Document 4-Pair Category 5-7 Telecommunications Cable .....	55.64	
For >25-Pair, Deduct	-22.20	

**27 13 13 13-0015 Communications Termination Blocks** (27 13 13 13)

27 13 13 13-0016 EA 100-Pair, 110 Block With Legs .....	60.78	14.48
27 13 13 13-0017 EA 300-Pair, 110 Block With Legs .....	107.02	14.48
27 13 13 13-0018 EA Clear Label Holder For 110 Wiring Block .....	12.49	5.79
27 13 13 13-0019 EA 4-Pair, 110C Connecting Block .....	7.19	2.90
27 13 13 13-0020 EA 5-Pair, 110C Connecting Block .....	7.36	2.90
27 13 13 13-0021 EA 100-Pair, 110 Jack Panel System .....	353.43	17.39
Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 13 13-0022 EA 300-Pair, 110 Jack Panel System .....	655.36	17.39
Note: Includes twelve 8-pin modular jacks and mounting legs.		

**27 13 23 Communications Optical Fiber Backbone Cabling** (27 13)

**27 13 23 13 Communications Optical Fiber Splicing and Terminations** (27 13 23)

**27 13 23 13-0001 Fiber Optic Cable Connectors** (27 13 23 13)

27 13 23 13-0002 EA ST Connector For Multimode Fiber Optic Cable .....	34.03	
27 13 23 13-0003 EA ST Connector For Singlemode Fiber Optic Cable .....	39.43	
27 13 23 13-0004 EA SC Connector For Multimode Fiber Optic Cable .....	38.03	
27 13 23 13-0005 EA SC Connector For Singlemode Fiber Optic Cable .....	44.91	
27 13 23 13-0006 EA LC Connector For Multimode Fiber Optic Cable .....	52.11	
27 13 23 13-0007 EA LC Connector For Singlemode Fiber Optic Cable .....	53.71	
27 13 23 13-0008 EA MT-RJ Connector For Multimode Fiber Optic Cable .....	78.57	

**27 13 23 13-0009 Fiber Optic Cable Fan Out Kits** (27 13 23 13)

**27 13 23 13-0010 Buffer Tube Fan Out Kits For Fiber Optic Cable** (27 13 23 13-0009)

27 13 23 13-0011 EA 6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable .....	253.68	
27 13 23 13-0012 EA 12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable .....	257.86	
27 13 23 13-0013 EA 6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable .....	293.14	
27 13 23 13-0014 EA 12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable .....	319.60	

**27 Communications****27 10 Structured Cabling****27 13 Communications Backbone Cabling**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

27 13 23 13-0015	<b>Spider Fan Out Kits For Fiber Optic Cable</b> <small>(27 13 23 13-0009)</small>		
	Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0016	EA 6-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	305.14	
27 13 23 13-0017	EA 12-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	333.17	
27 13 23 13-0018	EA 18-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	485.73	
27 13 23 13-0019	EA 24-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	629.67	
27 13 23 13-0020	<b>Fiber Optic Cable Splice Closures</b> <small>(27 13 23 13)</small>		
	Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0021	EA Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	985.82	115.91
27 13 23 13-0022	EA Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,217.62	231.81
27 13 23 13-0023	EA Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,217.62	231.81
27 13 23 13-0024	EA Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	1,668.07	115.91
27 13 23 13-0025	EA Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,899.87	231.81
27 13 23 13-0026	EA Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,899.87	231.81
27 13 23 13-0027	EA Splice Tray For Fiber Optic Cable Splice Closure.....	66.99	14.48
	Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.		
27 13 23 13-0028	<b>Fiber Optic Cable Testing</b> <small>(27 13 23 13)</small>		
	Note: Price based on testing one wavelength.		
27 13 23 13-0029	<b>Fiber Optic Cable Testing Using An OTDR</b> <small>(27 13 23 13-0028)</small>		
	Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0030	EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test.....	23.18	
	For >12 To 48 Strands, Deduct	-1.74	
	For >48 Strands, Deduct	-2.32	
27 13 23 13-0031	EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test.....	34.77	
	For >12 To 48 Strands, Deduct	-2.61	
	For >48 Strands, Deduct	-3.48	
27 13 23 13-0032	EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation.....	57.95	
	For >12 To 48 Strands, Deduct	-4.35	
	For >48 Strands, Deduct	-5.80	
27 13 23 13-0033	EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation.....	86.93	
	For >12 To 48 Strands, Deduct	-6.52	
	For >48 Strands, Deduct	-8.69	
27 13 23 13-0034	<b>Fiber Optic Cable Testing Using A Power Meter</b> <small>(27 13 23 13-0028)</small>		
27 13 23 13-0035	EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test.....	23.18	
	For >12 To 48 Strands, Deduct	-1.74	
	For >48 Strands, Deduct	-2.32	
27 13 23 13-0036	EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test.....	34.77	
	For >12 To 48 Strands, Deduct	-2.61	
	For >48 Strands, Deduct	-3.48	
27 13 23 13-0037	<b>Fiber Optic Cable Light Source/Continuity Testing</b> <small>(27 13 23 13-0028)</small>		
27 13 23 13-0038	EA Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test.....	23.18	
	For >12 To 48 Strands, Deduct	-1.74	
	For >48 Strands, Deduct	-2.32	
27 13 23 13-0039	<b>Fiber Optic Cable Splicing</b> <small>(27 13 23 13)</small>		
27 13 23 13-0040	EA Single Strand, Fusion Splice Of Fiber Optic Cable.....	34.77	
27 13 23 13-0041	EA 12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	115.91	
27 13 23 13-0042	<b>Other Fiber Optic Cable Splicing</b> <small>(27 13 23 13)</small>		
27 13 23 13-0043	EA Fiber Optic Finger Splice.....	42.93	21.79
27 13 23 13-0044	EA Fiber Optic Splice Box - Manholes.....	7,757.67	

**27 15 Communications Horizontal Cabling** (27 10)**27 15 01 Communications Horizontal Cabling Applications** (27 15)**27 15 01 13 Video Surveillance Communications Conductors and Cables** (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

**27 15 01 15 Access Control Communications Conductors and Cables** (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.



<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Horizontal Cabling</b>	<b>27 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 15 01 16 Voice Communications Horizontal Cabling (27 15 01)</b> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.		
<b>27 15 01 17 Intrusion Detection Communications Conductors and Cables (27 15 01)</b> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.		
<b>27 15 01 19 Fire Alarm Communications Conductors and Cables (27 15 01)</b> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 01 19-0001 Fire Alarm/Life Safety Cable (27 15 01 19)		
27 15 01 19-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)		
27 15 01 19-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0002)		
27 15 01 19-0004 MLF 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,885.10	788.60
27 15 01 19-0005 MLF 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,311.06	817.12
27 15 01 19-0006 MLF 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,149.47	896.40
27 15 01 19-0007 MLF 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,828.17	928.39
27 15 01 19-0008 MLF 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,468.83	1,003.49
27 15 01 19-0009 MLF 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	3,435.25	1,039.65
27 15 01 19-0010 MLF 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	3,159.09	1,147.44
27 15 01 19-0011 MLF 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	4,660.22	1,188.36
27 15 01 19-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0002)		
27 15 01 19-0013 MLF 1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,199.45	1,577.45
27 15 01 19-0014 MLF 2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,672.93	1,634.24
27 15 01 19-0015 MLF 1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	3,643.48	1,793.02
27 15 01 19-0016 MLF 2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	4,375.47	1,856.77
27 15 01 19-0017 MLF 1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	4,141.31	2,007.45
27 15 01 19-0018 MLF 2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	5,168.00	2,079.31
27 15 01 19-0019 MLF 1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	5,071.49	2,294.88
27 15 01 19-0020 MLF 2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	6,641.01	2,377.19
27 15 01 19-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0001)		
27 15 01 19-0022 MLF 2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,199.74	645.35
27 15 01 19-0023 MLF 4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,296.64	668.29
27 15 01 19-0024 MLF 2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,459.63	788.60
27 15 01 19-0025 MLF 3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,555.77	802.87
27 15 01 19-0026 MLF 4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,614.23	817.12
27 15 01 19-0027 MLF 6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,802.42	845.63
27 15 01 19-0028 MLF 8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	2,072.14	874.14
27 15 01 19-0029 MLF 2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,702.31	896.40
27 15 01 19-0030 MLF 4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,912.44	928.39
27 15 01 19-0031 MLF 2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit .....	1,971.05	1,003.49

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0032 MLF 4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,298.91	1,039.65
27 15 01 19-0033 MLF 2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,403.53	1,147.44
27 15 01 19-0034 MLF 4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,931.83	1,188.36
<b>27 15 01 19-0035 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)</b>		
<b>27 15 01 19-0036 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0035)</b>		
27 15 01 19-0037 MLF 2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,189.97	645.35
27 15 01 19-0038 MLF 2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,453.29	788.60
27 15 01 19-0039 MLF 3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,617.12	802.87
27 15 01 19-0040 MLF 4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,631.21	817.12
27 15 01 19-0041 MLF 6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,891.08	845.63
27 15 01 19-0042 MLF 2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,692.72	896.40
27 15 01 19-0043 MLF 4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,933.96	928.39
27 15 01 19-0044 MLF 2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,927.88	1,003.49
27 15 01 19-0045 MLF 4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,470.49	1,039.65
27 15 01 19-0046 MLF 2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,389.42	1,147.44
27 15 01 19-0047 MLF 4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,192.31	1,188.36
<b>27 15 01 19-0048 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed (27 15 01 19-0035)</b>		
27 15 01 19-0049 MLF 2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,265.55	1,291.16
27 15 01 19-0050 MLF 2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,767.64	1,577.45
27 15 01 19-0051 MLF 3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,954.66	1,605.26
27 15 01 19-0052 MLF 4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,993.08	1,634.24
27 15 01 19-0053 MLF 6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,300.47	1,691.03
27 15 01 19-0054 MLF 2 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,186.73	1,793.02
27 15 01 19-0055 MLF 4 Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,481.26	1,856.77
27 15 01 19-0056 MLF 2 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,600.36	2,007.45
27 15 01 19-0057 MLF 4 Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,203.24	2,079.31
27 15 01 19-0058 MLF 2 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,301.82	2,294.88
27 15 01 19-0059 MLF 4 Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,173.10	2,377.19
<b>27 15 01 19-0060 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)</b>		
<b>27 15 01 19-0061 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0060)</b>		
27 15 01 19-0062 MLF 2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,230.19	645.35
27 15 01 19-0063 MLF 2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,482.01	788.60
27 15 01 19-0064 MLF 3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,723.74	802.87
27 15 01 19-0065 MLF 4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,660.61	817.12
27 15 01 19-0066 MLF 6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,921.14	845.63
27 15 01 19-0067 MLF 2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,758.73	896.40
27 15 01 19-0068 MLF 4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,964.49	928.39



<b>Communications</b>			<b>27</b>
Structured Cabling			27 10
Communications Horizontal Cabling			27 15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0069 MLF 2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,070.25	1,003.49
27 15 01 19-0070 MLF 4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,399.10	1,039.65
27 15 01 19-0071 MLF 2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,494.78	1,147.44
27 15 01 19-0072 MLF 4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,975.56	1,188.36
<b>27 15 01 19-0073 Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed</b> <small>(27 15 01 19-0060)</small>		
27 15 01 19-0074 MLF 2 Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,305.77	1,291.16
27 15 01 19-0075 MLF 2 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,796.36	1,577.45
27 15 01 19-0076 MLF 3 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,061.28	1,605.26
27 15 01 19-0077 MLF 4 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,022.48	1,634.24
27 15 01 19-0078 MLF 6 Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,330.53	1,691.03
27 15 01 19-0079 MLF 2 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,252.74	1,793.02
27 15 01 19-0080 MLF 4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,511.79	1,856.77
27 15 01 19-0081 MLF 2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,742.73	2,007.45
27 15 01 19-0082 MLF 4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,131.85	2,079.31
27 15 01 19-0083 MLF 2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,407.18	2,294.88
27 15 01 19-0084 MLF 4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,956.35	2,377.19
<b>27 15 01 19-0085 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable</b> <small>(27 15 01 19-0001)</small>		
<b>27 15 01 19-0086 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit</b> <small>(27 15 01 19-0085)</small>		
27 15 01 19-0087 MLF 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,202.73	645.35
27 15 01 19-0088 MLF 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,515.42	788.60
27 15 01 19-0089 MLF 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,638.68	802.87
27 15 01 19-0090 MLF 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,742.22	817.12
27 15 01 19-0091 MLF 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,969.03	845.63
27 15 01 19-0092 MLF 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,748.99	896.40
27 15 01 19-0093 MLF 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,059.46	928.39
27 15 01 19-0094 MLF 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,050.88	1,003.49
27 15 01 19-0095 MLF 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,610.07	1,039.65
27 15 01 19-0096 MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,470.08	1,147.44
<b>27 15 01 19-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed</b> <small>(27 15 01 19-0085)</small>		
27 15 01 19-0098 MLF 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,278.31	1,291.16
27 15 01 19-0099 MLF 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,829.77	1,577.45
27 15 01 19-0100 MLF 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,976.22	1,605.26
27 15 01 19-0101 MLF 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,104.09	1,634.24
27 15 01 19-0102 MLF 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,378.42	1,691.03
27 15 01 19-0103 MLF 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,243.00	1,793.02
27 15 01 19-0104 MLF 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,606.76	1,856.77
27 15 01 19-0105 MLF 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,723.36	2,007.45
27 15 01 19-0106 MLF 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,342.82	2,079.31



**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

27 15 01 19-0107	MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed .....	4,382.48	2,294.88
------------------	---	----------	----------

**27 15 13 Communications Copper Horizontal Cabling (27 15)**

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 13 00-0001	Solid Conductor Low Voltage Cable (27 15 13)		
27 15 13 00-0002	Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0001)		
27 15 13 00-0003	#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0002)		
27 15 13 00-0004	MLF 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,012.37	1,048.29
	For #10 AWG, Add .....	436.93	
	For Work In Restricted Working Space, Add .....	524.19	
27 15 13 00-0005	MLF 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,298.60	1,085.35
	For #10 AWG, Add .....	523.31	
	For Work In Restricted Working Space, Add .....	542.84	
27 15 13 00-0006	MLF 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,553.40	1,123.47
	For #10 AWG, Add .....	599.27	
	For Work In Restricted Working Space, Add .....	561.58	
27 15 13 00-0007	MLF 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,822.48	1,161.59
	For #10 AWG, Add .....	679.66	
	For Work In Restricted Working Space, Add .....	580.97	
27 15 13 00-0008	MLF 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	3,145.43	1,239.95
	For #10 AWG, Add .....	769.26	
	For Work In Restricted Working Space, Add .....	620.16	
27 15 13 00-0009	MLF 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	3,444.77	1,317.25
	For #10 AWG, Add .....	851.30	
	For Work In Restricted Working Space, Add .....	658.79	
27 15 13 00-0010	MLF 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	3,771.19	1,473.96
	For #10 AWG, Add .....	925.19	
	For Work In Restricted Working Space, Add .....	736.84	
27 15 13 00-0011	MLF 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	4,991.18	1,943.04
	For #10 AWG, Add .....	1,226.18	
	For Work In Restricted Working Space, Add .....	971.33	
27 15 13 00-0012	MLF 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	7,411.47	2,869.56
	For #10 AWG, Add .....	1,824.21	
	For Work In Restricted Working Space, Add .....	1,434.41	
27 15 13 00-0013	#14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0002)		
27 15 13 00-0014	MLF 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	1,781.24	916.99
	For Work In Restricted Working Space, Add .....	458.39	
27 15 13 00-0015	MLF 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,050.38	949.81
	For Work In Restricted Working Space, Add .....	474.91	
27 15 13 00-0016	MLF 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,289.22	982.64
	For Work In Restricted Working Space, Add .....	491.43	
27 15 13 00-0017	MLF 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,540.67	1,016.53
	For Work In Restricted Working Space, Add .....	508.26	
27 15 13 00-0018	MLF 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	2,838.78	1,085.35
	For Work In Restricted Working Space, Add .....	542.57	
27 15 13 00-0019	MLF 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	3,113.99	1,153.12
	For Work In Restricted Working Space, Add .....	576.24	
27 15 13 00-0020	MLF 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	3,406.00	1,289.72
	For Work In Restricted Working Space, Add .....	644.86	
27 15 13 00-0021	MLF 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	4,507.81	1,699.50
	For Work In Restricted Working Space, Add .....	849.75	
27 15 13 00-0022	MLF 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit .....	6,697.66	2,510.61
	For Work In Restricted Working Space, Add .....	1,255.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 15 13 00-0023 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0002)</small>		
27 15 13 00-0024 MLF 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,587.91	818.51
<i>For Work In Restricted Working Space, Add</i>	409.47	
27 15 13 00-0025 MLF 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,771.48	848.16
<i>For Work In Restricted Working Space, Add</i>	424.08	
27 15 13 00-0026 MLF 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,035.70	877.81
<i>For Work In Restricted Working Space, Add</i>	438.69	
27 15 13 00-0027 MLF 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,258.53	907.46
<i>For Work In Restricted Working Space, Add</i>	453.94	
27 15 13 00-0028 MLF 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,522.00	968.87
<i>For Work In Restricted Working Space, Add</i>	484.44	
27 15 13 00-0029 MLF 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,766.10	1,029.23
<i>For Work In Restricted Working Space, Add</i>	514.62	
27 15 13 00-0030 MLF 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,895.63	1,090.65
<i>For Work In Restricted Working Space, Add</i>	545.11	
27 15 13 00-0031 MLF 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,026.21	1,152.06
<i>For Work In Restricted Working Space, Add</i>	575.93	
27 15 13 00-0032 MLF 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,332.39	1,225.12
<i>For Work In Restricted Working Space, Add</i>	612.46	
27 15 13 00-0033 MLF 12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,004.41	1,517.38
<i>For Work In Restricted Working Space, Add</i>	758.74	
27 15 13 00-0034 MLF 24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,949.18	2,241.65
<i>For Work In Restricted Working Space, Add</i>	1,120.88	
<b>27 15 13 00-0035 #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0002)</small>		
27 15 13 00-0036 MLF 1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,358.25	721.10
<i>For Work In Restricted Working Space, Add</i>	360.23	
27 15 13 00-0037 MLF 2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,534.78	746.51
<i>For Work In Restricted Working Space, Add</i>	373.25	
27 15 13 00-0038 MLF 3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,692.46	771.92
<i>For Work In Restricted Working Space, Add</i>	386.28	
27 15 13 00-0039 MLF 4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,857.34	798.40
<i>For Work In Restricted Working Space, Add</i>	399.31	
27 15 13 00-0040 MLF 5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,061.59	852.39
<i>For Work In Restricted Working Space, Add</i>	426.30	
27 15 13 00-0041 MLF 6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,251.86	905.34
<i>For Work In Restricted Working Space, Add</i>	452.99	
27 15 13 00-0042 MLF 8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,470.18	1,013.35
<i>For Work In Restricted Working Space, Add</i>	506.68	
27 15 13 00-0043 MLF 12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,267.44	1,335.25
<i>For Work In Restricted Working Space, Add</i>	667.73	
27 15 13 00-0044 MLF 24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,850.34	1,972.69
<i>For Work In Restricted Working Space, Add</i>	986.34	
<b>27 15 13 00-0045 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0002)</small>		
27 15 13 00-0046 MLF 1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,212.73	655.45
<i>For Work In Restricted Working Space, Add</i>	327.51	
27 15 13 00-0047 MLF 2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,354.86	678.74
<i>For Work In Restricted Working Space, Add</i>	339.26	
27 15 13 00-0048 MLF 3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,481.20	702.57
<i>For Work In Restricted Working Space, Add</i>	351.02	
27 15 13 00-0049 MLF 4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,613.65	726.39
<i>For Work In Restricted Working Space, Add</i>	363.09	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0050	MLF		5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,783.58 387.39	775.10
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0051	MLF		6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,942.44 411.69	823.81
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0052	MLF		8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,144.50 460.61	921.23
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0053	MLF		12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,824.03 607.06	1,214.54
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0054	MLF		24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,189.98 896.76	1,793.74
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0055	MLF		25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,396.44 918.05	1,836.10
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0056	MLF		36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,200.56 1,068.94	2,137.88
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0057	MLF		40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,575.70 1,144.22	2,288.24
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0058	MLF		50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,761.01 1,429.80	2,860.04
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0059	MLF		100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	9,098.02 1,882.47	3,765.38
			<i>For Work In Restricted Working Space, Add</i>		
<b>27 15 13 00-0060</b>			<b>#22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0002)</small>		
27 15 13 00-0061	MLF		1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,045.95 294.79	589.80
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0062	MLF		2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,104.21 305.27	610.97
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0063	MLF		3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,172.43 316.08	632.15
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0064	MLF		4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,245.07 326.87	653.33
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0065	MLF		5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,362.12 348.80	697.80
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0066	MLF		6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,478.60 369.76	739.10
			<i>For Work In Restricted Working Space, Add</i>		
<b>27 15 13 00-0067</b>			<b>Triad</b> <small>(27 15 13 00-0002)</small>		
27 15 13 00-0068	MLF		1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit.....	3,003.91	877.81
27 15 13 00-0069	MLF		4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	3,877.34	1,214.54
27 15 13 00-0070	MLF		8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	6,111.44	1,793.74
27 15 13 00-0071	MLF		12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	7,661.07	2,137.88
27 15 13 00-0072	MLF		24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	12,642.52	3,312.18
27 15 13 00-0073	MLF		36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	14,568.31	3,765.38
<b>27 15 13 00-0074</b>			<b>Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0001)</small>		
<b>27 15 13 00-0075</b>			<b>#12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0074)</small>		
27 15 13 00-0076	MLF		1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,759.67 786.39 1,048.38	2,096.58
			<i>For #10 AWG, Add</i>		
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0077	MLF		2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,108.05 885.20 1,085.67	2,170.71
			<i>For #10 AWG, Add</i>		
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0078	MLF		3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,425.32 973.66 1,123.15	2,246.95
			<i>For #10 AWG, Add</i>		
			<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0079	MLF		4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,759.06 1,066.98 1,161.95	2,323.18
			<i>For #10 AWG, Add</i>		
			<i>For Work In Restricted Working Space, Add</i>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0080 MLF 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	5,212.62	2,479.90
For #10 AWG, Add	1,182.70	
For Work In Restricted Working Space, Add	1,240.31	
27 15 13 00-0081 MLF 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	5,640.77	2,634.50
For #10 AWG, Add	1,290.50	
For Work In Restricted Working Space, Add	1,317.59	
27 15 13 00-0082 MLF 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	6,227.33	2,947.92
For #10 AWG, Add	1,416.42	
For Work In Restricted Working Space, Add	1,473.68	
27 15 13 00-0083 MLF 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	8,228.96	3,886.09
For #10 AWG, Add	1,873.73	
For Work In Restricted Working Space, Add	1,942.67	
27 15 13 00-0084 MLF 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	12,192.84	5,739.13
For #10 AWG, Add	2,780.48	
For Work In Restricted Working Space, Add	2,868.83	
<b>27 15 13 00-0085 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0074)</small>		
27 15 13 00-0086 MLF 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,309.20	1,833.98
For Work In Restricted Working Space, Add	916.78	
27 15 13 00-0087 MLF 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,633.41	1,899.64
For Work In Restricted Working Space, Add	949.82	
27 15 13 00-0088 MLF 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,927.30	1,965.28
For Work In Restricted Working Space, Add	982.85	
27 15 13 00-0089 MLF 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,234.88	2,033.05
For Work In Restricted Working Space, Add	1,016.53	
27 15 13 00-0090 MLF 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,647.36	2,170.71
For Work In Restricted Working Space, Add	1,085.14	
27 15 13 00-0091 MLF 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	5,034.79	2,306.24
For Work In Restricted Working Space, Add	1,152.48	
27 15 13 00-0092 MLF 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	5,555.54	2,579.43
For Work In Restricted Working Space, Add	1,289.72	
27 15 13 00-0093 MLF 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	7,340.30	3,399.01
For Work In Restricted Working Space, Add	1,699.50	
27 15 13 00-0094 MLF 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	10,882.36	5,021.21
For Work In Restricted Working Space, Add	2,510.82	
<b>27 15 13 00-0095 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0074)</small>		
27 15 13 00-0096 MLF 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	2,952.81	1,637.03
For Work In Restricted Working Space, Add	818.94	
27 15 13 00-0097 MLF 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,185.09	1,696.33
For Work In Restricted Working Space, Add	848.16	
27 15 13 00-0098 MLF 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,498.02	1,755.62
For Work In Restricted Working Space, Add	877.39	
27 15 13 00-0099 MLF 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	3,771.67	1,814.92
For Work In Restricted Working Space, Add	907.88	
27 15 13 00-0100 MLF 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,136.80	1,937.75
For Work In Restricted Working Space, Add	968.88	
27 15 13 00-0101 MLF 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,481.48	2,058.47
For Work In Restricted Working Space, Add	1,029.23	
27 15 13 00-0102 MLF 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,712.67	2,181.29
For Work In Restricted Working Space, Add	1,090.22	
27 15 13 00-0103 MLF 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	4,945.96	2,304.12
For Work In Restricted Working Space, Add	1,151.85	
27 15 13 00-0104 MLF 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed		
Exposed .....	5,373.91	2,450.25
For Work In Restricted Working Space, Add	1,224.91	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0105	MLF		12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,533.55	3,034.75
			<i>For Work In Restricted Working Space, Add</i>	1,517.48	
27 15 13 00-0106	MLF		24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	9,685.44	4,483.30
			<i>For Work In Restricted Working Space, Add</i>	2,241.76	
<b>27 15 13 00-0107</b>			<b>#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0074)</b>		
27 15 13 00-0108	MLF		1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,559.02	1,442.19
			<i>For Work In Restricted Working Space, Add</i>	720.46	
27 15 13 00-0109	MLF		2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,778.97	1,493.03
			<i>For Work In Restricted Working Space, Add</i>	746.51	
27 15 13 00-0110	MLF		3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,980.06	1,543.85
			<i>For Work In Restricted Working Space, Add</i>	772.56	
27 15 13 00-0111	MLF		4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,188.35	1,596.79
			<i>For Work In Restricted Working Space, Add</i>	798.61	
27 15 13 00-0112	MLF		5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,482.62	1,704.80
			<i>For Work In Restricted Working Space, Add</i>	852.61	
27 15 13 00-0113	MLF		6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,761.83	1,810.69
			<i>For Work In Restricted Working Space, Add</i>	905.98	
27 15 13 00-0114	MLF		8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,159.09	2,026.69
			<i>For Work In Restricted Working Space, Add</i>	1,013.35	
27 15 13 00-0115	MLF		12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,493.21	2,670.49
			<i>For Work In Restricted Working Space, Add</i>	1,335.46	
27 15 13 00-0116	MLF		24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,138.15	3,945.39
			<i>For Work In Restricted Working Space, Add</i>	1,972.69	
<b>27 15 13 00-0117</b>			<b>#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0074)</b>		
27 15 13 00-0118	MLF		1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,304.43	1,310.89
			<i>For Work In Restricted Working Space, Add</i>	655.02	
27 15 13 00-0119	MLF		2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,485.75	1,357.49
			<i>For Work In Restricted Working Space, Add</i>	678.53	
27 15 13 00-0120	MLF		3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,651.26	1,405.13
			<i>For Work In Restricted Working Space, Add</i>	702.04	
27 15 13 00-0121	MLF		4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,823.95	1,452.79
			<i>For Work In Restricted Working Space, Add</i>	726.18	
27 15 13 00-0122	MLF		5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,074.88	1,550.20
			<i>For Work In Restricted Working Space, Add</i>	774.78	
27 15 13 00-0123	MLF		6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,314.76	1,647.62
			<i>For Work In Restricted Working Space, Add</i>	823.39	
27 15 13 00-0124	MLF		8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,679.88	1,842.45
			<i>For Work In Restricted Working Space, Add</i>	921.23	
27 15 13 00-0125	MLF		12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,847.55	2,429.07
			<i>For Work In Restricted Working Space, Add</i>	1,214.11	
27 15 13 00-0126	MLF		24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,179.19	3,587.49
			<i>For Work In Restricted Working Space, Add</i>	1,793.53	
27 15 13 00-0127	MLF		25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,456.58	3,672.19
			<i>For Work In Restricted Working Space, Add</i>	1,836.09	
27 15 13 00-0128	MLF		36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,763.71	4,275.76
			<i>For Work In Restricted Working Space, Add</i>	2,137.89	
27 15 13 00-0129	MLF		40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	9,389.78	4,576.48
			<i>For Work In Restricted Working Space, Add</i>	2,288.45	
27 15 13 00-0130	MLF		50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	11,527.01	5,720.07
			<i>For Work In Restricted Working Space, Add</i>	2,859.60	
27 15 13 00-0131	MLF		100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	15,372.90	7,530.76
			<i>For Work In Restricted Working Space, Add</i>	3,764.93	





<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Horizontal Cabling</b>	<b>27 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 15 13 00-0132 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed</b> <small>(27 15 13 00-0074)</small>		
27 15 13 00-0133 MLF 1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,028.59	1,179.59
<i>For Work In Restricted Working Space, Add</i>	589.58	
27 15 13 00-0134 MLF 2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,121.80	1,221.95
<i>For Work In Restricted Working Space, Add</i>	610.55	
27 15 13 00-0135 MLF 3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,226.02	1,264.31
<i>For Work In Restricted Working Space, Add</i>	632.15	
27 15 13 00-0136 MLF 4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,334.67	1,306.66
<i>For Work In Restricted Working Space, Add</i>	653.75	
27 15 13 00-0137 MLF 5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,524.78	1,395.61
<i>For Work In Restricted Working Space, Add</i>	697.59	
27 15 13 00-0138 MLF 6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,711.15	1,478.20
<i>For Work In Restricted Working Space, Add</i>	739.52	
<b>27 15 13 00-0139 Triad, Installed Exposed</b> <small>(27 15 13 00-0074)</small>		
27 15 13 00-0140 MLF 1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,003.91	877.81
27 15 13 00-0141 MLF 4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	3,877.34	1,214.54
27 15 13 00-0142 MLF 8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	6,111.44	1,793.74
27 15 13 00-0143 MLF 12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	7,661.07	2,137.88
27 15 13 00-0144 MLF 24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	12,642.52	3,312.18
27 15 13 00-0145 MLF 36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed	14,568.31	3,765.38
<b>27 15 13 00-0146 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0001)</small>		
<b>27 15 13 00-0147 #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0146)</small>		
27 15 13 00-0148 MLF 1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,742.10	916.99
<i>For Work In Restricted Working Space, Add</i>	458.39	
27 15 13 00-0149 MLF 2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,978.16	949.81
<i>For Work In Restricted Working Space, Add</i>	474.91	
27 15 13 00-0150 MLF 3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,188.61	982.64
<i>For Work In Restricted Working Space, Add</i>	491.43	
27 15 13 00-0151 MLF 4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,409.87	1,016.53
<i>For Work In Restricted Working Space, Add</i>	508.26	
27 15 13 00-0152 MLF 5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,677.48	1,084.29
<i>For Work In Restricted Working Space, Add</i>	541.94	
27 15 13 00-0153 MLF 6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,928.55	1,152.06
<i>For Work In Restricted Working Space, Add</i>	575.93	
27 15 13 00-0154 MLF 8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,211.84	1,289.72
<i>For Work In Restricted Working Space, Add</i>	644.86	
27 15 13 00-0155 MLF 12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,248.93	1,699.50
<i>For Work In Restricted Working Space, Add</i>	849.75	
27 15 13 00-0156 MLF 24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,309.34	2,510.61
<i>For Work In Restricted Working Space, Add</i>	1,255.41	
<b>27 15 13 00-0157 #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0146)</small>		
27 15 13 00-0158 MLF 1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,553.45	818.51
<i>For Work In Restricted Working Space, Add</i>	409.47	
27 15 13 00-0159 MLF 2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,761.56	848.16
<i>For Work In Restricted Working Space, Add</i>	424.08	
27 15 13 00-0160 MLF 3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,947.09	877.81
<i>For Work In Restricted Working Space, Add</i>	438.69	
27 15 13 00-0161 MLF 4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,143.35	907.46
<i>For Work In Restricted Working Space, Add</i>	453.94	
27 15 13 00-0162 MLF 5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,380.77	967.82
<i>For Work In Restricted Working Space, Add</i>	484.12	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0163	MLF		6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,603.74	1,029.23
			<i>For Work In Restricted Working Space, Add</i>	514.62	
27 15 13 00-0164	MLF		7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,728.96	1,090.65
			<i>For Work In Restricted Working Space, Add</i>	545.11	
27 15 13 00-0165	MLF		8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,915.70	1,152.06
			<i>For Work In Restricted Working Space, Add</i>	575.93	
27 15 13 00-0166	MLF		9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,203.35	1,225.12
			<i>For Work In Restricted Working Space, Add</i>	612.42	
27 15 13 00-0167	MLF		12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,776.45	1,517.38
			<i>For Work In Restricted Working Space, Add</i>	758.74	
27 15 13 00-0168	MLF		24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,607.74	2,241.65
			<i>For Work In Restricted Working Space, Add</i>	1,121.03	
<b>27 15 13 00-0169</b>			<b>#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0146)</small>		
27 15 13 00-0170	MLF		1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,358.14	720.04
			<i>For Work In Restricted Working Space, Add</i>	360.23	
27 15 13 00-0171	MLF		2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,526.37	746.51
			<i>For Work In Restricted Working Space, Add</i>	373.25	
27 15 13 00-0172	MLF		3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,634.90	772.98
			<i>For Work In Restricted Working Space, Add</i>	386.28	
27 15 13 00-0173	MLF		4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,776.01	798.40
			<i>For Work In Restricted Working Space, Add</i>	399.31	
27 15 13 00-0174	MLF		5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,952.82	852.39
			<i>For Work In Restricted Working Space, Add</i>	426.30	
27 15 13 00-0175	MLF		6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,128.60	906.40
			<i>For Work In Restricted Working Space, Add</i>	452.99	
27 15 13 00-0176	MLF		8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,535.48	1,013.35
			<i>For Work In Restricted Working Space, Add</i>	506.68	
27 15 13 00-0177	MLF		12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,299.60	1,335.25
			<i>For Work In Restricted Working Space, Add</i>	667.73	
27 15 13 00-0178	MLF		24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,460.67	1,972.69
			<i>For Work In Restricted Working Space, Add</i>	986.34	
<b>27 15 13 00-0179</b>			<b>#20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0146)</small>		
27 15 13 00-0180	MLF		1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,202.80	655.45
			<i>For Work In Restricted Working Space, Add</i>	327.51	
27 15 13 00-0181	MLF		2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,320.25	678.74
			<i>For Work In Restricted Working Space, Add</i>	339.26	
27 15 13 00-0182	MLF		3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,550.65	772.98
			<i>For Work In Restricted Working Space, Add</i>	386.28	
27 15 13 00-0183	MLF		4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,695.33	812.59
			<i>For Work In Restricted Working Space, Add</i>	406.29	
27 15 13 00-0184	MLF		5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,837.21	852.39
			<i>For Work In Restricted Working Space, Add</i>	426.30	
27 15 13 00-0185	MLF		6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,991.99	906.40
			<i>For Work In Restricted Working Space, Add</i>	452.99	
27 15 13 00-0186	MLF		8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,196.50	1,008.69
			<i>For Work In Restricted Working Space, Add</i>	504.45	
27 15 13 00-0187	MLF		12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,700.33	1,214.54
			<i>For Work In Restricted Working Space, Add</i>	607.06	
27 15 13 00-0188	MLF		24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,004.43	1,793.74
			<i>For Work In Restricted Working Space, Add</i>	896.76	
27 15 13 00-0189	MLF		25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,189.95	1,836.10
			<i>For Work In Restricted Working Space, Add</i>	918.05	



	<b>Communications</b>	<b>27</b>
	<b>Structured Cabling</b>	<b>27 10</b>
	<b>Communications Horizontal Cabling</b>	<b>27 15</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0190	MLF		36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,947.53	2,137.88
			<i>For Work In Restricted Working Space, Add</i>	1,068.94	
27 15 13 00-0191	MLF		40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,303.48	2,288.24
			<i>For Work In Restricted Working Space, Add</i>	1,144.22	
27 15 13 00-0192	MLF		50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,452.73	2,860.04
			<i>For Work In Restricted Working Space, Add</i>	1,429.80	
27 15 13 00-0193	MLF		100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,661.77	3,765.38
			<i>For Work In Restricted Working Space, Add</i>	1,882.47	
<b>27 15 13 00-0194</b>			<b>#22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0146)</small>		
27 15 13 00-0195	MLF		1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,056.29	589.80
			<i>For Work In Restricted Working Space, Add</i>	294.79	
27 15 13 00-0196	MLF		2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,118.36	610.97
			<i>For Work In Restricted Working Space, Add</i>	305.27	
27 15 13 00-0197	MLF		3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,196.89	632.15
			<i>For Work In Restricted Working Space, Add</i>	316.08	
27 15 13 00-0198	MLF		4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,281.69	653.33
			<i>For Work In Restricted Working Space, Add</i>	326.87	
27 15 13 00-0199	MLF		5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,400.43	697.80
			<i>For Work In Restricted Working Space, Add</i>	348.80	
27 15 13 00-0200	MLF		6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,525.85	739.10
			<i>For Work In Restricted Working Space, Add</i>	369.76	
<b>27 15 13 00-0201</b>			<b>Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0001)</small>		
<b>27 15 13 00-0202</b>			<b>#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0201)</small>		
27 15 13 00-0203	MLF		1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,270.06	1,833.98
			<i>For Work In Restricted Working Space, Add</i>	916.78	
27 15 13 00-0204	MLF		2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,561.19	1,899.64
			<i>For Work In Restricted Working Space, Add</i>	949.82	
27 15 13 00-0205	MLF		3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,826.69	1,965.28
			<i>For Work In Restricted Working Space, Add</i>	982.85	
27 15 13 00-0206	MLF		4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,104.08	2,033.05
			<i>For Work In Restricted Working Space, Add</i>	1,016.53	
27 15 13 00-0207	MLF		5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,483.93	2,168.59
			<i>For Work In Restricted Working Space, Add</i>	1,083.87	
27 15 13 00-0208	MLF		6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,848.30	2,304.12
			<i>For Work In Restricted Working Space, Add</i>	1,151.85	
27 15 13 00-0209	MLF		8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,361.38	2,579.43
			<i>For Work In Restricted Working Space, Add</i>	1,289.72	
27 15 13 00-0210	MLF		12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	7,081.42	3,399.01
			<i>For Work In Restricted Working Space, Add</i>	1,699.50	
27 15 13 00-0211	MLF		24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	10,494.04	5,021.21
			<i>For Work In Restricted Working Space, Add</i>	2,510.82	
<b>27 15 13 00-0212</b>			<b>#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0201)</small>		
27 15 13 00-0213	MLF		1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	2,918.35	1,637.03
			<i>For Work In Restricted Working Space, Add</i>	818.94	
27 15 13 00-0214	MLF		2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,175.17	1,696.33
			<i>For Work In Restricted Working Space, Add</i>	848.16	
27 15 13 00-0215	MLF		3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,409.41	1,755.62
			<i>For Work In Restricted Working Space, Add</i>	877.39	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0216 MLF 4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,656.49	1,814.92
<i>For Work In Restricted Working Space, Add</i> .....	907.88	
27 15 13 00-0217 MLF 5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,994.50	1,935.63
<i>For Work In Restricted Working Space, Add</i> .....	968.24	
27 15 13 00-0218 MLF 6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	4,319.12	2,058.47
<i>For Work In Restricted Working Space, Add</i> .....	1,029.23	
27 15 13 00-0219 MLF 7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	4,546.00	2,181.29
<i>For Work In Restricted Working Space, Add</i> .....	1,090.22	
27 15 13 00-0220 MLF 8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	4,835.45	2,304.12
<i>For Work In Restricted Working Space, Add</i> .....	1,151.85	
27 15 13 00-0221 MLF 9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	5,244.77	2,450.25
<i>For Work In Restricted Working Space, Add</i> .....	1,224.85	
27 15 13 00-0222 MLF 12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	6,305.58	3,034.75
<i>For Work In Restricted Working Space, Add</i> .....	1,517.48	
27 15 13 00-0223 MLF 24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	9,344.52	4,483.30
<i>For Work In Restricted Working Space, Add</i> .....	2,242.07	
<b>27 15 13 00-0224 #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0201)</small>		
27 15 13 00-0225 MLF 1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,558.91	1,440.07
<i>For Work In Restricted Working Space, Add</i> .....	720.46	
27 15 13 00-0226 MLF 2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,770.56	1,493.03
<i>For Work In Restricted Working Space, Add</i> .....	746.51	
27 15 13 00-0227 MLF 3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,922.50	1,545.97
<i>For Work In Restricted Working Space, Add</i> .....	772.56	
27 15 13 00-0228 MLF 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,107.02	1,596.79
<i>For Work In Restricted Working Space, Add</i> .....	798.61	
27 15 13 00-0229 MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,373.85	1,704.80
<i>For Work In Restricted Working Space, Add</i> .....	852.61	
27 15 13 00-0230 MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,638.57	1,812.80
<i>For Work In Restricted Working Space, Add</i> .....	905.98	
27 15 13 00-0231 MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	4,224.39	2,026.69
<i>For Work In Restricted Working Space, Add</i> .....	1,013.35	
27 15 13 00-0232 MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	5,525.37	2,670.49
<i>For Work In Restricted Working Space, Add</i> .....	1,335.46	
27 15 13 00-0233 MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	7,748.48	3,945.39
<i>For Work In Restricted Working Space, Add</i> .....	1,972.69	
<b>27 15 13 00-0234 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0201)</small>		
27 15 13 00-0235 MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,294.50	1,310.89
<i>For Work In Restricted Working Space, Add</i> .....	655.02	
27 15 13 00-0236 MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,451.14	1,357.49
<i>For Work In Restricted Working Space, Add</i> .....	678.53	
27 15 13 00-0237 MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	2,838.25	1,545.97
<i>For Work In Restricted Working Space, Add</i> .....	772.56	
27 15 13 00-0238 MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,049.63	1,625.17
<i>For Work In Restricted Working Space, Add</i> .....	812.58	
27 15 13 00-0239 MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,258.24	1,704.80
<i>For Work In Restricted Working Space, Add</i> .....	852.61	
27 15 13 00-0240 MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,501.96	1,812.80
<i>For Work In Restricted Working Space, Add</i> .....	905.98	
27 15 13 00-0241 MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	3,877.99	2,017.38
<i>For Work In Restricted Working Space, Add</i> .....	1,008.90	
27 15 13 00-0242 MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed .....	4,723.85	2,429.07
<i>For Work In Restricted Working Space, Add</i> .....	1,214.11	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0243 MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,993.64	3,587.49
<i>For Work In Restricted Working Space, Add</i>	1,793.53	
27 15 13 00-0244 MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,250.09	3,672.19
<i>For Work In Restricted Working Space, Add</i>	1,836.09	
27 15 13 00-0245 MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,510.68	4,275.76
<i>For Work In Restricted Working Space, Add</i>	2,137.89	
27 15 13 00-0246 MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	9,117.56	4,576.48
<i>For Work In Restricted Working Space, Add</i>	2,288.45	
27 15 13 00-0247 MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	11,218.73	5,720.07
<i>For Work In Restricted Working Space, Add</i>	2,859.60	
27 15 13 00-0248 MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,936.65	7,530.76
<i>For Work In Restricted Working Space, Add</i>	3,764.93	
<b>27 15 13 00-0249 #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed</b> <small>(27 15 13 00-0201)</small>		
27 15 13 00-0250 MLF 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,038.93	1,179.59
<i>For Work In Restricted Working Space, Add</i>	589.58	
27 15 13 00-0251 MLF 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,135.95	1,221.95
<i>For Work In Restricted Working Space, Add</i>	610.55	
27 15 13 00-0252 MLF 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,250.48	1,264.31
<i>For Work In Restricted Working Space, Add</i>	632.15	
27 15 13 00-0253 MLF 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,371.29	1,306.66
<i>For Work In Restricted Working Space, Add</i>	653.75	
27 15 13 00-0254 MLF 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,563.09	1,395.61
<i>For Work In Restricted Working Space, Add</i>	697.59	
27 15 13 00-0255 MLF 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,758.40	1,478.20
<i>For Work In Restricted Working Space, Add</i>	739.52	
<b>27 15 13 00-0256 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench</b> <small>(27 15 13 00-0001)</small>		
Note: Excludes excavation.		
27 15 13 00-0257 MLF 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,646.27	
27 15 13 00-0258 MLF 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,909.24	
27 15 13 00-0259 MLF 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,143.17	
27 15 13 00-0260 MLF 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,390.18	
27 15 13 00-0261 MLF 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,677.89	
27 15 13 00-0262 MLF 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,943.75	
<b>27 15 13 00-0263 Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)</b> <small>(27 15 13 00-0001)</small>		
27 15 13 00-0264 MLF 1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,738.01	567.32
27 15 13 00-0265 MLF 2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,058.15	607.80
27 15 13 00-0266 MLF 3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,662.06	768.38
27 15 13 00-0267 MLF 4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,172.42	888.73
27 15 13 00-0268 MLF 5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	10,452.59	1,012.95
27 15 13 00-0269 MLF 6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	12,422.46	1,294.12
<b>27 15 13 00-0270 Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0001)</small>		
27 15 13 00-0271 MLF 1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,585.27	818.51
27 15 13 00-0272 MLF 2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,933.38	848.16
27 15 13 00-0273 MLF 3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,177.53	877.81
27 15 13 00-0274 MLF 4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,306.33	907.46
27 15 13 00-0275 MLF 5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,784.30	967.82
27 15 13 00-0276 MLF 6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,014.85	1,029.23
27 15 13 00-0277 MLF 8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,790.97	1,152.06
27 15 13 00-0278 MLF 12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,698.20	1,517.38



**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,141.36	2,241.65	
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,367.84	720.04	
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,653.47	746.51	
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,889.21	772.98	
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,004.35	798.40	
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,412.41	852.39	
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,715.77	906.40	
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,068.86	1,013.35	
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,961.91	1,335.25	
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,350.50	1,972.69	
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,206.06	655.45	
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,386.61	678.74	
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,561.52	702.03	
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,670.83	726.39	
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,821.44	775.10	
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,991.75	823.81	
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,230.85	921.23	
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,083.88	1,214.54	
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,692.52	1,793.74	
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,955.56	1,836.10	
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,855.14	2,137.88	
27 15 13 00-0300	MLF	40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,312.99	2,288.24	
27 15 13 00-0301	MLF	50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,595.96	2,860.04	
27 15 13 00-0302	MLF	100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	10,279.55	3,765.38	
27 15 13 00-0303	MLF	250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	19,918.99	6,935.67	
27 15 13 00-0304	MLF	500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	30,222.62	9,178.38	
27 15 13 00-0305	MLF	750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	40,555.36	11,566.15	
27 15 13 00-0306	MLF	1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	57,165.52	15,865.21	
27 15 13 00-0307	MLF	1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,164.86	655.45	
27 15 13 00-0308	MLF	2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,294.46	678.74	
27 15 13 00-0309	MLF	3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,420.47	702.03	
27 15 13 00-0310	MLF	4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,504.89	726.39	
27 15 13 00-0311	MLF	5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,630.61	775.10	
27 15 13 00-0312	MLF	6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,768.54	823.81	
27 15 13 00-0313	MLF	8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,980.25	921.23	
27 15 13 00-0314	MLF	12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,701.81	1,214.54	
27 15 13 00-0315	MLF	24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,078.78	1,793.74	
27 15 13 00-0316	MLF	25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,272.61	1,836.10	
27 15 13 00-0317	MLF	36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,048.92	2,137.88	
27 15 13 00-0318	MLF	40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,412.57	2,288.24	
27 15 13 00-0319	MLF	50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,576.25	2,860.04	
27 15 13 00-0320	MLF	100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	8,836.59	3,765.38	



			<b>Communications</b>	<b>27</b>
			<b>Structured Cabling</b>	<b>27 10</b>
			<b>Communications Horizontal Cabling</b>	<b>27 15</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0321	MLF		250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	16,865.29	6,935.67
27 15 13 00-0322	MLF		500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	24,831.26	9,178.38
27 15 13 00-0323	MLF		750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	32,870.57	11,566.15
27 15 13 00-0324	MLF		1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	46,071.11	15,865.21
<b>27 15 13 00-0325</b>			<b>Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit</b> <small>(27 15 13 00-0001)</small>		
27 15 13 00-0326	MLF	1	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,610.42	818.51
27 15 13 00-0327	MLF	2	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,853.86	848.16
27 15 13 00-0328	MLF	3	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,004.17	877.81
27 15 13 00-0329	MLF	4	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,206.34	907.46
27 15 13 00-0330	MLF	5	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,444.52	967.82
27 15 13 00-0331	MLF	6	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,680.58	1,029.23
27 15 13 00-0332	MLF	8	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,240.54	1,152.06
27 15 13 00-0333	MLF	12	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,206.05	1,517.38
27 15 13 00-0334	MLF	24	Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,276.76	2,241.65
27 15 13 00-0335	MLF	1	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,409.48	720.04
27 15 13 00-0336	MLF	2	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,618.40	746.51
27 15 13 00-0337	MLF	3	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,748.18	772.98
27 15 13 00-0338	MLF	4	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,921.15	798.40
27 15 13 00-0339	MLF	5	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,126.28	852.39
27 15 13 00-0340	MLF	6	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,330.38	906.40
27 15 13 00-0341	MLF	8	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,811.59	1,013.35
27 15 13 00-0342	MLF	12	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,650.70	1,335.25
27 15 13 00-0343	MLF	24	Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,446.79	1,972.69
27 15 13 00-0344	MLF	1	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,239.03	655.45
27 15 13 00-0345	MLF	2	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,418.74	678.74
27 15 13 00-0346	MLF	3	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,544.29	702.03
27 15 13 00-0347	MLF	4	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,773.14	726.39
27 15 13 00-0348	MLF	5	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,972.54	775.10
27 15 13 00-0349	MLF	6	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,358.49	823.81
27 15 13 00-0350	MLF	8	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,636.04	921.23
27 15 13 00-0351	MLF	12	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,327.38	1,214.54
27 15 13 00-0352	MLF	24	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,021.19	1,793.74
27 15 13 00-0353	MLF	25	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,320.11	1,836.10
27 15 13 00-0354	MLF	36	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,332.59	2,137.88
27 15 13 00-0355	MLF	40	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,793.61	2,288.24
27 15 13 00-0356	MLF	50	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,140.24	2,860.04
27 15 13 00-0357	MLF	100	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	11,049.78	3,765.38
27 15 13 00-0358	MLF	250	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	21,549.74	6,935.67
27 15 13 00-0359	MLF	500	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	33,101.40	9,178.38
27 15 13 00-0360	MLF	750	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	44,658.23	11,566.15
27 15 13 00-0361	MLF	1200	Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	63,088.72	15,864.14

## 27 Communications

## 27 10 Structured Cabling

## 27 15 Communications Horizontal Cabling



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0362 MLF 1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,185.94	655.45
27 15 13 00-0363 MLF 2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,315.02	678.74
27 15 13 00-0364 MLF 3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,409.46	702.03
27 15 13 00-0365 MLF 4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,570.34	726.39
27 15 13 00-0366 MLF 5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit.....	1,727.27	775.10
27 15 13 00-0367 MLF 6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,003.15	823.81
27 15 13 00-0368 MLF 8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,239.45	921.23
27 15 13 00-0369 MLF 12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,857.57	1,214.54
27 15 13 00-0370 MLF 24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,289.02	1,793.74
27 15 13 00-0371 MLF 25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,505.80	1,836.10
27 15 13 00-0372 MLF 36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,334.68	2,137.88
27 15 13 00-0373 MLF 40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,720.02	2,288.24
27 15 13 00-0374 MLF 50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,924.42	2,860.04
27 15 13 00-0375 MLF 100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	9,329.28	3,765.38
27 15 13 00-0376 MLF 250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	17,908.37	6,935.67
27 15 13 00-0377 MLF 500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	26,672.83	9,178.38
27 15 13 00-0378 MLF 750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	35,495.64	11,566.15
27 15 13 00-0379 MLF 1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	49,861.10	15,865.21

## 27 15 13 00-0380 Copper Telecommunications Cable (27 15 13)

## 27 15 13 00-0381 Indoor Telecommunications Cable (27 15 13 00-0380)

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

## 27 15 13 00-0382 Category 3, Indoor Telecommunications Cable (27 15 13 00-0381)

Note: Un-shielded twisted pair cables (UTP).

## 27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0382)

## 27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable (27 15 13 00-0383)

## 27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0384)

27 15 13 00-0386 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	921.15	486.80
27 15 13 00-0387 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	968.02	486.80
27 15 13 00-0388 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	984.59	486.80
27 15 13 00-0389 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,193.73	556.34
27 15 13 00-0390 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,538.75	556.34
27 15 13 00-0391 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	2,086.57	556.34
27 15 13 00-0392 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	3,354.16	695.42
27 15 13 00-0393 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	6,086.75	1,112.67
27 15 13 00-0394 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	8,278.00	1,251.75
27 15 13 00-0395 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	11,037.45	1,390.85
27 15 13 00-0396 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	16,156.20	1,947.18
27 15 13 00-0397 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	21,196.77	2,406.16
27 15 13 00-0398 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	33,656.24	3,338.03
27 15 13 00-0399 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	54,487.43	6,676.04
27 15 13 00-0400 MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit.....	73,944.48	10,014.06

## 27 15 13 00-0401 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed (27 15 13 00-0384)

27 15 13 00-0402 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,732.47	973.59
For Work In Restricted Working Space, Add	486.80	
27 15 13 00-0403 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,779.34	973.59
For Work In Restricted Working Space, Add	486.80	
27 15 13 00-0404 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,795.91	973.59
For Work In Restricted Working Space, Add	486.80	
27 15 13 00-0405 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	1,889.16	973.59
For Work In Restricted Working Space, Add	486.80	
27 15 13 00-0406 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	2,234.18	973.59
For Work In Restricted Working Space, Add	486.80	
27 15 13 00-0407 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed.....	3,013.81	1,112.67
For Work In Restricted Working Space, Add	556.34	



<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Horizontal Cabling</b>	<b>27 15</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0408	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,513.19 695.42	1,390.85
27 15 13 00-0409	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,013.97 834.50	1,669.01
27 15 13 00-0410	MLF		150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,321.13 938.82	1,877.64
27 15 13 00-0411	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	12,196.49 1,043.13	2,086.26
27 15 13 00-0412	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	17,778.85 1,460.39	2,920.77
27 15 13 00-0413	MLF		400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	23,213.49 1,808.09	3,616.19
27 15 13 00-0414	MLF		600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	36,437.92 2,503.52	5,007.03
27 15 13 00-0415	MLF		900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	60,050.80 5,007.03	10,014.06
27 15 13 00-0416	MLF		1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	82,289.54 7,510.55	15,021.10
<b>27 15 13 00-0417</b>			<b>22 AWG, Category 3, Indoor Telecommunications Riser Cable</b> <small>(27 15 13 00-0383)</small>		
<b>27 15 13 00-0418</b>			<b>22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit</b> <small>(27 15 13 00-0417)</small>		
27 15 13 00-0419	MLF		25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,451.06	556.34
27 15 13 00-0420	MLF		50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,165.31	695.42
27 15 13 00-0421	MLF		100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,462.91	1,112.67
27 15 13 00-0422	MLF		200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,918.07	1,390.85
27 15 13 00-0423	MLF		300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	24,901.57	1,947.18
27 15 13 00-0424	MLF		400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	32,460.60	2,406.16
27 15 13 00-0425	MLF		600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	48,171.37	3,338.03
<b>27 15 13 00-0426</b>			<b>22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed</b> <small>(27 15 13 00-0417)</small>		
27 15 13 00-0427	MLF		25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,378.30 556.34	1,112.67
27 15 13 00-0428	MLF		50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,324.34 695.42	1,390.85
27 15 13 00-0429	MLF		100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,390.13 834.50	1,669.01
27 15 13 00-0430	MLF		200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	18,077.11 1,043.13	2,086.26
27 15 13 00-0431	MLF		300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	26,524.22 1,460.39	2,920.77
27 15 13 00-0432	MLF		400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	34,477.32 1,808.09	3,616.19
27 15 13 00-0433	MLF		600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	50,953.05 2,503.52	5,007.03
<b>27 15 13 00-0434</b>			<b>Category 3, Indoor Telecommunications Plenum Cable</b> <small>(27 15 13 00-0382)</small>		
<b>27 15 13 00-0435</b>			<b>24 AWG, Category 3, Indoor Telecommunications Plenum Cable</b> <small>(27 15 13 00-0434)</small>		
<b>27 15 13 00-0436</b>			<b>24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit</b> <small>(27 15 13 00-0435)</small>		
27 15 13 00-0437	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	959.06	486.80
27 15 13 00-0438	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,005.74	486.80
27 15 13 00-0439	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,040.65	486.80
27 15 13 00-0440	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,256.69	556.34
27 15 13 00-0441	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,632.77	556.34
27 15 13 00-0442	MLF		25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,652.23	556.34
27 15 13 00-0443	MLF		50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,505.80	695.42
27 15 13 00-0444	MLF		100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,499.73	1,112.67
27 15 13 00-0445	MLF		200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	14,818.74	1,390.85
27 15 13 00-0446	MLF		300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	22,233.28	1,947.18
<b>27 15 13 00-0447</b>			<b>24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed</b> <small>(27 15 13 00-0435)</small>		
27 15 13 00-0448	MLF		2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,770.38 486.80	973.59
27 15 13 00-0449	MLF		3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,817.06 486.80	973.59
27 15 13 00-0450	MLF		4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,851.97 486.80	973.59
27 15 13 00-0451	MLF		6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,952.12 486.80	973.59
27 15 13 00-0452	MLF		12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,328.20 486.80	973.59



**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0453 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,579.47 556.34	1,112.67
27 15 13 00-0454 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,664.83 695.42	1,390.85
27 15 13 00-0455 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	9,426.95 834.50	1,669.01
27 15 13 00-0456 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	15,977.78 1,043.13	2,086.26
27 15 13 00-0457 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	23,855.93 1,460.39	2,920.77
<b>27 15 13 00-0458 Category 5E, Indoor Telecommunications Cable (27 15 13 00-0381)</b>		
<b>27 15 13 00-0459 Category 5E, Indoor Telecommunications Riser Cable (27 15 13 00-0458)</b>		
<b>27 15 13 00-0460 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0459)</b>		
27 15 13 00-0461 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	942.04	486.80
27 15 13 00-0462 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	972.66	486.80
27 15 13 00-0463 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,089.13	556.34
27 15 13 00-0464 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,119.74	556.34
<b>27 15 13 00-0465 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed (27 15 13 00-0459)</b>		
27 15 13 00-0466 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,753.36 486.80	973.59
27 15 13 00-0467 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,783.98 486.80	973.59
27 15 13 00-0468 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,016.37 556.34	1,112.67
27 15 13 00-0469 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,046.98 556.34	1,112.67
<b>27 15 13 00-0470 Category 5E, Indoor Telecommunications Plenum Cable (27 15 13 00-0458)</b>		
<b>27 15 13 00-0471 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit (27 15 13 00-0470)</b>		
27 15 13 00-0472 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,054.63	486.80
27 15 13 00-0473 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,409.75	556.34
<b>27 15 13 00-0474 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed (27 15 13 00-0470)</b>		
27 15 13 00-0475 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,865.95 486.80	973.59
27 15 13 00-0476 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,336.99 556.34	1,112.67
<b>27 15 13 00-0477 Category 6, Indoor Telecommunications Cable (27 15 13 00-0381)</b>		
<b>27 15 13 00-0478 Category 6, Indoor Telecommunications Riser Cable (27 15 13 00-0477)</b>		
<b>27 15 13 00-0479 Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit (27 15 13 00-0478)</b>		
27 15 13 00-0480 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,125.20	486.80
27 15 13 00-0481 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,160.29	486.80
<b>27 15 13 00-0482 Category 6, Indoor Telecommunications Riser Cable, Installed Exposed (27 15 13 00-0478)</b>		
27 15 13 00-0483 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,936.52 486.80	973.59
27 15 13 00-0484 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,971.61 486.80	973.59
<b>27 15 13 00-0485 Category 6, Indoor Telecommunications Plenum Cable (27 15 13 00-0477)</b>		
<b>27 15 13 00-0486 Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit (27 15 13 00-0485)</b>		
27 15 13 00-0487 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,362.26	486.80
<b>27 15 13 00-0488 Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed (27 15 13 00-0485)</b>		
27 15 13 00-0489 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,173.58 486.80	973.59
<b>27 15 13 00-0490 Category 6A, Indoor Telecommunications Cable (27 15 13 00-0381)</b>		
<b>27 15 13 00-0491 Category 6a, Indoor Telecommunications Riser Cable (27 15 13 00-0490)</b>		





<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Horizontal Cabling</b>	<b>27 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0492 <b>Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit</b> <sup>(27 15 13 00-0491)</sup>		
27 15 13 00-0493 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,181.27	486.80
27 15 13 00-0494 <b>Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed</b> <sup>(27 15 13 00-0491)</sup>		
27 15 13 00-0495 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,992.59 486.80	973.59
27 15 13 00-0496 <b>Category 6A, Indoor Telecommunications Plenum Cable</b> <sup>(27 15 13 00-0490)</sup>		
27 15 13 00-0497 <b>Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit</b> <sup>(27 15 13 00-0496)</sup>		
27 15 13 00-0498 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,505.45	486.80
27 15 13 00-0499 <b>Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed</b> <sup>(27 15 13 00-0496)</sup>		
27 15 13 00-0500 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,316.77 486.80	973.59
27 15 13 00-0501 <b>Category 7, Indoor Telecommunications Cable</b> <sup>(27 15 13 00-0381)</sup>		
27 15 13 00-0502 <b>Category 7, Indoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 15 13 00-0501)</sup>		
27 15 13 00-0503 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit .....	2,353.37	556.34
27 15 13 00-0504 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit .....	3,930.76	556.34
27 15 13 00-0505 <b>Category 7, Indoor Telecommunications Cable, Installed Exposed</b> <sup>(27 15 13 00-0501)</sup>		
27 15 13 00-0506 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,280.61 556.34	1,112.67
27 15 13 00-0507 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	4,858.00 556.34	1,112.67
27 15 13 00-0508 <b>Outdoor Telecommunications Cable</b> <sup>(27 15 13 00-0380)</sup> Note: Cable buried in trench excludes excavation.		
27 15 13 00-0509 <b>PE-89 Outdoor Telecommunications Cable</b> <sup>(27 15 13 00-0508)</sup> Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510 <b>24 AWG, PE-89 Outdoor Telecommunications Cable</b> <sup>(27 15 13 00-0509)</sup>		
27 15 13 00-0511 <b>24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 15 13 00-0510)</sup>		
27 15 13 00-0512 MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	1,939.20	556.34
27 15 13 00-0513 MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	2,367.24	973.59
27 15 13 00-0514 MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	3,405.22	625.88
27 15 13 00-0515 MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	5,277.74	695.42
27 15 13 00-0516 MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit.....	7,487.31	973.59
27 15 13 00-0517 MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	9,469.14	1,112.67
27 15 13 00-0518 MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	16,535.62	1,251.75
27 15 13 00-0519 MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	24,321.40	1,808.10
27 15 13 00-0520 MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	32,240.18	2,364.44
27 15 13 00-0521 MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	43,790.45	3,198.93
27 15 13 00-0522 MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	68,591.09	6,397.87
27 15 13 00-0523 MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	93,452.58	9,457.72
27 15 13 00-0524 <b>24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench</b> <sup>(27 15 13 00-0510)</sup>		
27 15 13 00-0525 MLF 6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	1,765.35	
27 15 13 00-0526 MLF 12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,193.39	
27 15 13 00-0527 MLF 25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	3,173.42	
27 15 13 00-0528 MLF 50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	5,045.92	
27 15 13 00-0529 MLF 75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	7,139.60	
27 15 13 00-0530 MLF 100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	8,889.62	
27 15 13 00-0531 MLF 200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	16,303.82	
27 15 13 00-0532 MLF 300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	23,625.97	
27 15 13 00-0533 MLF 400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	30,791.39	
27 15 13 00-0534 MLF 600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	41,240.57	
27 15 13 00-0535 MLF 900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	61,636.87	
27 15 13 00-0536 MLF 1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	83,253.07	
27 15 13 00-0537 <b>22 AWG, PE-89 Outdoor Telecommunications Cable</b> <sup>(27 15 13 00-0509)</sup>		
27 15 13 00-0538 <b>22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit</b> <sup>(27 15 13 00-0537)</sup>		
27 15 13 00-0539 MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,211.32	556.34
27 15 13 00-0540 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	2,875.63	556.34

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0541 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	4,445.87	625.88
27 15 13 00-0542 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	7,129.97	695.42
27 15 13 00-0543 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	10,381.83	973.59
27 15 13 00-0544 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	13,404.18	1,112.67
27 15 13 00-0545 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	24,126.86	1,251.75
27 15 13 00-0546 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	35,148.03	1,808.10
27 15 13 00-0547 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	46,835.41	2,364.44
27 15 13 00-0548 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	69,278.31	3,198.93
27 15 13 00-0549 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	100,780.15	6,397.87
27 15 13 00-0550 MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	141,610.38	9,457.72
<b>27 15 13 00-0551 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0537)</b>		
27 15 13 00-0552 MLF 6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,037.47	
27 15 13 00-0553 MLF 12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	2,701.78	
27 15 13 00-0554 MLF 25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	4,214.07	
27 15 13 00-0555 MLF 50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	6,898.15	
27 15 13 00-0556 MLF 75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	10,034.12	
27 15 13 00-0557 MLF 100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	13,056.46	
27 15 13 00-0558 MLF 200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	23,895.06	
27 15 13 00-0559 MLF 300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	34,452.60	
27 15 13 00-0560 MLF 400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	45,386.62	
27 15 13 00-0561 MLF 600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	66,728.43	
27 15 13 00-0562 MLF 900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	93,825.93	
27 15 13 00-0563 MLF 1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	131,410.87	
<b>27 15 13 00-0564 19 AWG, PE-89 Outdoor Telecommunications Cable (27 15 13 00-0509)</b>		
<b>27 15 13 00-0565 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0564)</b>		
27 15 13 00-0566 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	7,653.97	625.88
27 15 13 00-0567 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	13,400.77	695.42
27 15 13 00-0568 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	21,536.43	973.59
27 15 13 00-0569 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit .....	25,824.82	1,112.67
<b>27 15 13 00-0570 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0564)</b>		
27 15 13 00-0571 MLF 25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	7,422.17	
27 15 13 00-0572 MLF 50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	13,168.95	
27 15 13 00-0573 MLF 75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	21,188.72	
27 15 13 00-0574 MLF 100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench .....	25,477.10	
<b>27 15 13 00-0575 PE-39 Outdoor Telecommunications Cable (27 15 13 00-0508)</b>		
Note: Includes solid polyolefin insulated conductors.		
<b>27 15 13 00-0576 24 AWG, PE-39 Outdoor Telecommunications Cable (27 15 13 00-0575)</b>		
<b>27 15 13 00-0577 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0576)</b>		
27 15 13 00-0578 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	2,672.89	973.59
27 15 13 00-0579 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	3,196.55	973.59
27 15 13 00-0580 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	4,253.01	973.59
27 15 13 00-0581 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	6,155.49	973.59
27 15 13 00-0582 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	10,014.00	973.59
27 15 13 00-0583 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	18,311.84	1,251.75
27 15 13 00-0584 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	26,744.24	1,808.10
27 15 13 00-0585 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	35,192.39	2,364.44
27 15 13 00-0586 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	48,100.91	3,198.93
27 15 13 00-0587 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	74,165.57	6,397.87
27 15 13 00-0588 MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit .....	107,910.54	9,457.72
<b>27 15 13 00-0589 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0576)</b>		
27 15 13 00-0590 MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	2,325.18	
27 15 13 00-0591 MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	2,848.84	
27 15 13 00-0592 MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	3,905.30	
27 15 13 00-0593 MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	5,807.78	
27 15 13 00-0594 MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	9,666.29	
27 15 13 00-0595 MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	18,080.04	
27 15 13 00-0596 MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	26,048.81	
27 15 13 00-0597 MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	33,743.60	
27 15 13 00-0598 MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	45,551.03	
27 15 13 00-0599 MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	67,211.35	
27 15 13 00-0600 MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench .....	97,711.03	
<b>27 15 13 00-0601 22 AWG, PE-39 Outdoor Telecommunications Cable (27 15 13 00-0575)</b>		
<b>27 15 13 00-0602 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0601)</b>		



<b>Communications</b>		<b>27</b>
<b>Structured Cabling</b>		<b>27 10</b>
<b>Communications Horizontal Cabling</b>		<b>27 15</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0603 MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	2,975.64	973.59
27 15 13 00-0604 MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	3,745.13	973.59
27 15 13 00-0605 MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	5,382.66	973.59
27 15 13 00-0606 MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	8,395.12	973.59
27 15 13 00-0607 MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	14,681.73	973.59
27 15 13 00-0608 MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	27,294.78	1,251.75
27 15 13 00-0609 MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	40,004.17	1,808.10
27 15 13 00-0610 MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	51,230.02	2,364.44
27 15 13 00-0611 MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	71,599.72	3,198.93
27 15 13 00-0612 MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	112,215.59	6,397.87
<b>27 15 13 00-0613 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0601)</b>		
27 15 13 00-0614 MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	2,627.93	
27 15 13 00-0615 MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	3,397.42	
27 15 13 00-0616 MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	5,034.95	
27 15 13 00-0617 MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	8,047.41	
27 15 13 00-0618 MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	14,334.02	
27 15 13 00-0619 MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	27,062.98	
27 15 13 00-0620 MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	39,308.74	
27 15 13 00-0621 MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	49,781.23	
27 15 13 00-0622 MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	69,049.84	
27 15 13 00-0623 MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	105,261.37	
<b>27 15 13 00-0624 19 AWG, PE-39 Outdoor Telecommunications Cable (27 15 13 00-0575)</b>		
<b>27 15 13 00-0625 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit (27 15 13 00-0624)</b>		
27 15 13 00-0626 MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	9,010.15	973.59
27 15 13 00-0627 MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	15,119.82	973.59
27 15 13 00-0628 MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit.....	27,789.12	973.59
<b>27 15 13 00-0629 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench (27 15 13 00-0624)</b>		
27 15 13 00-0630 MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	8,662.44	
27 15 13 00-0631 MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	14,772.11	
27 15 13 00-0632 MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench.....	27,441.41	
<b>27 15 13 00-0633 (Aerial) Outdoor Telecommunications Cable (27 15 13 00-0508)</b>		
Note: Includes support wire.		
<b>27 15 13 00-0634 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles (27 15 13 00-0633)</b>		
27 15 13 00-0635 MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	7,625.73	1,944.95
27 15 13 00-0636 MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	8,061.44	1,944.95
27 15 13 00-0637 MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	9,143.22	1,944.95
27 15 13 00-0638 MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	11,146.12	1,944.95
27 15 13 00-0639 MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	15,014.69	1,944.95
27 15 13 00-0640 MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	23,138.89	2,139.45
27 15 13 00-0641 MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	31,310.93	2,333.95
<b>27 15 13 00-0642 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles (27 15 13 00-0633)</b>		
27 15 13 00-0643 MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	8,147.01	1,944.95
27 15 13 00-0644 MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	8,790.75	1,944.95
27 15 13 00-0645 MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	10,341.25	1,944.95
27 15 13 00-0646 MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	13,404.40	1,944.95
27 15 13 00-0647 MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	20,127.39	1,944.95
27 15 13 00-0648 MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	32,345.41	2,139.45
<b>27 15 13 00-0649 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles (27 15 13 00-0633)</b>		
27 15 13 00-0650 MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	8,836.19	1,944.95
27 15 13 00-0651 MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	10,291.97	1,944.95
27 15 13 00-0652 MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	13,154.27	1,944.95
27 15 13 00-0653 MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	18,878.92	1,944.95
27 15 13 00-0654 MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles.....	30,363.34	1,944.95
<b>27 15 13 00-0655 Sound System Cables (27 15 13)</b>		
Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
<b>27 15 13 00-0656 Speaker/Communications And Control Cable, Installed Exposed (27 15 13 00-0655)</b>		
<b>27 15 13 00-0657 Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed (27 15 13 00-0656)</b>		

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0658 MLF 2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,797.64 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0659 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,691.33 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0660 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,609.33 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0661 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,699.00 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0662 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,987.22 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0663 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	2,274.50 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0664 MLF 4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,988.44 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0665 MLF 4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,850.04 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
<b>27 15 13 00-0666 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed</b> <small>(27 15 13 00-0656)</small>		
27 15 13 00-0667 MLF 2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,841.56 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0668 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,719.26 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0669 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,650.04 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0670 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,765.55 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0671 MLF 8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	2,009.59 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0672 MLF 2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,982.66 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0673 MLF 2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,813.50 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0674 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	2,101.05 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0675 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	2,387.81 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0676 MLF 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,684.75 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
27 15 13 00-0677 MLF 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed .....	1,741.89 444.73	741.22
<i>For Work In Restricted Working Space, Add</i>		
<b>27 15 13 00-0678 Speaker/Communications And Control Cable, Installed In Conduit</b> <small>(27 15 13 00-0655)</small>		
<b>27 15 13 00-0679 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit</b> <small>(27 15 13 00-0678)</small>		
27 15 13 00-0680 MLF 2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,056.42	370.60
27 15 13 00-0681 MLF 2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	950.11	370.60
27 15 13 00-0682 MLF 2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	868.11	370.60
27 15 13 00-0683 MLF 4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	957.78	370.60
27 15 13 00-0684 MLF 4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,246.00	370.60
27 15 13 00-0685 MLF 6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,533.28	370.60
27 15 13 00-0686 MLF 4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit.....	1,247.22	370.60
27 15 13 00-0687 MLF 4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit.....	1,108.82	370.60





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 15 13 00-0688</b> Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0678)</small>		
27 15 13 00-0689 MLF 2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,100.34	370.60
27 15 13 00-0690 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	978.04	370.60
27 15 13 00-0691 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	908.82	370.60
27 15 13 00-0692 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,024.33	370.60
27 15 13 00-0693 MLF 8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,268.37	370.60
27 15 13 00-0694 MLF 2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,241.44	370.60
27 15 13 00-0695 MLF 2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,072.28	370.60
27 15 13 00-0696 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,359.83	370.60
27 15 13 00-0697 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit.....	1,646.59	370.60
27 15 13 00-0698 MLF 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	1,000.67	370.60
27 15 13 00-0699 MLF 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit.....	943.53	370.60
<b>27 15 23</b> <b>Communications Optical Fiber Horizontal Cabling</b> <small>(27 15)</small>		
Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
<b>27 15 23 00-0001</b> Indoor Fiber Optic Cable <small>(27 15 23)</small>		
Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
<b>27 15 23 00-0002</b> Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small>		
Note: Excludes conduit or innerduct.		
<b>27 15 23 00-0003</b> Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0002)</small>		
<b>27 15 23 00-0004</b> Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0003)</small>		
<b>27 15 23 00-0005</b> Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>		
27 15 23 00-0006 MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,018.56	417.25
27 15 23 00-0007 MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,115.94	417.25
27 15 23 00-0008 MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,148.46	417.25
27 15 23 00-0009 MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,264.25	417.25
<i>For Aluminum Armored Cable, Add</i>		803.07
<i>For Steel Armored Cable, Add</i>		1,626.50
27 15 23 00-0010 MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,297.45	417.25
27 15 23 00-0011 MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,498.14	417.25
<i>For Aluminum Armored Cable, Add</i>		838.01
<i>For Steel Armored Cable, Add</i>		1,701.24
27 15 23 00-0012 MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,585.41	486.80
27 15 23 00-0013 MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,657.44	486.80
<i>For Aluminum Armored Cable With Sub-Units, Add</i>		1,839.80
<i>For Steel Armored Cable, Add</i>		2,251.21
27 15 23 00-0014 MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,472.18	486.80
<i>For Aluminum Armored Cable With Sub-Units, Add</i>		1,939.49
<i>For Steel Armored Cable, Add</i>		2,026.29
27 15 23 00-0015 MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,630.20	486.80
<i>For Aluminum Armored Cable With Sub-Units, Add</i>		2,034.91
<i>For Steel Armored Cable, Add</i>		2,122.54
27 15 23 00-0016 MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,626.69	486.80
27 15 23 00-0017 MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,891.69	486.80
27 15 23 00-0018 MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,285.58	486.80
27 15 23 00-0019 MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,797.62	556.34
27 15 23 00-0020 MLF 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,698.42	556.34
<b>27 15 23 00-0021</b> 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0004)</small>		
27 15 23 00-0022 MLF 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,046.60	417.25
27 15 23 00-0023 MLF 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,163.77	417.25
27 15 23 00-0024 MLF 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,441.86	417.25



**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0025 MLF 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,734.58	417.25
For Aluminum Armored Cable, Add	950.35	
For Steel Armored Cable, Add	1,254.83	
27 15 23 00-0026 MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,012.66	417.25
27 15 23 00-0027 MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,583.46	417.25
For Aluminum Armored Cable, Add	925.14	
For Steel Armored Cable, Add	1,321.88	
27 15 23 00-0028 MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,845.73	486.80
27 15 23 00-0029 MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,909.41	486.80
For Aluminum Armored Cable With Sub-Units, Add	940.73	
For Steel Armored Cable, Add	940.73	
27 15 23 00-0030 MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,958.45	486.80
27 15 23 00-0031 MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,007.49	486.80
For Aluminum Armored Cable With Sub-Units, Add	1,678.75	
27 15 23 00-0032 MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,056.53	486.80
27 15 23 00-0033 MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,105.57	486.80
27 15 23 00-0034 MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,218.29	486.80
For Aluminum Armored Cable With Sub-Units, Add	7,230.18	
27 15 23 00-0035 MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	21,432.26	556.34
27 15 23 00-0036 MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	25,530.34	556.34
<b>27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0004)</b>		
27 15 23 00-0038 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,064.16	417.25
27 15 23 00-0039 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,187.19	417.25
27 15 23 00-0040 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,479.18	417.25
27 15 23 00-0041 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,786.53	417.25
27 15 23 00-0042 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,078.52	417.25
27 15 23 00-0043 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,677.87	417.25
27 15 23 00-0044 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,947.45	486.80
27 15 23 00-0045 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,114.31	486.80
27 15 23 00-0046 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,265.81	486.80
27 15 23 00-0047 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,417.30	486.80
27 15 23 00-0048 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,568.79	486.80
27 15 23 00-0049 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,720.28	486.80
27 15 23 00-0050 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,038.63	486.80
27 15 23 00-0051 MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,457.51	556.34
27 15 23 00-0052 MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	26,760.49	556.34
<b>27 15 23 00-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0003)</b>		
<b>27 15 23 00-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0053)</b>		
27 15 23 00-0055 MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,921.14	417.25
27 15 23 00-0056 MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,284.34	417.25
27 15 23 00-0057 MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,083.34	417.25
27 15 23 00-0058 MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,464.66	417.25
27 15 23 00-0059 MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,062.43	417.25
27 15 23 00-0060 MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,395.25	486.80
27 15 23 00-0061 MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,068.91	486.80
27 15 23 00-0062 MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,388.98	486.80
27 15 23 00-0063 MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,976.66	486.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 15 23 00-0064</b> <b>50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0053)</sup>		
27 15 23 00-0065     MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,280.92	417.25
27 15 23 00-0066     MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,780.83	417.25
27 15 23 00-0067     MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,605.06	417.25
27 15 23 00-0068     MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,830.09	417.25
27 15 23 00-0069     MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,338.81	417.25
27 15 23 00-0070     MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,142.86	486.80
27 15 23 00-0071     MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,978.77	486.80
27 15 23 00-0072     MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,233.99	486.80
27 15 23 00-0073     MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	15,622.96	486.80
<b>27 15 23 00-0074</b> <b>62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0053)</sup>		
27 15 23 00-0075     MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,360.20	417.25
27 15 23 00-0076     MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,885.10	417.25
27 15 23 00-0077     MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,750.54	417.25
27 15 23 00-0078     MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,036.82	417.25
27 15 23 00-0079     MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,570.98	417.25
27 15 23 00-0080     MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,459.44	486.80
27 15 23 00-0081     MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,387.15	486.80
27 15 23 00-0082     MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,705.12	486.80
27 15 23 00-0083     MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,363.54	486.80
<b>27 15 23 00-0084</b> <b>Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0002)</sup>		
<b>27 15 23 00-0085</b> <b>Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0084)</sup>		
<b>27 15 23 00-0086</b> <b>Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0085)</sup>		
27 15 23 00-0087     MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	981.26	417.25
27 15 23 00-0088     MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	985.58	417.25
27 15 23 00-0089     MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,212.02	417.25
27 15 23 00-0090     MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,238.52	417.25
For Aluminum Armored Cable, Add	1,135.65	
For Steel Armored Cable, Add	5,118.61	
27 15 23 00-0091     MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,371.90	417.25
27 15 23 00-0092     MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,396.86	417.25
For Aluminum Armored Cable, Add	1,211.11	
For Steel Armored Cable, Add	5,497.73	
27 15 23 00-0093     MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,098.05	486.80
27 15 23 00-0094     MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,955.57	486.80
For Aluminum Armored Cable With Sub-Units, Add	855.49	
For Steel Armored Cable, Add	5,843.85	
27 15 23 00-0095     MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,225.33	486.80
27 15 23 00-0096     MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,385.21	486.80
For Aluminum Armored Cable With Sub-Units, Add	1,311.65	
For Steel Armored Cable, Add	7,357.77	
27 15 23 00-0097     MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,686.35	486.80
27 15 23 00-0098     MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,075.56	486.80
27 15 23 00-0099     MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,962.62	486.80
<b>27 15 23 00-0100</b> <b>50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0085)</sup>		
27 15 23 00-0101     MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,044.71	417.25
27 15 23 00-0102     MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,455.81	417.25
27 15 23 00-0103     MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,921.63	417.25

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0104	MLF		6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,396.79	417.25
			<i>For Aluminum Armored Cable, Add</i> .....	291.02	
			<i>For Steel Armored Cable, Add</i> .....	662.85	
27 15 23 00-0105	MLF		8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,852.09	417.25
27 15 23 00-0106	MLF		12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,247.67	417.25
			<i>For Aluminum Armored Cable, Add</i> .....	235.59	
			<i>For Steel Armored Cable, Add</i> .....	657.67	
27 15 23 00-0107	MLF		18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,142.19	486.80
27 15 23 00-0108	MLF		24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,520.97	486.80
			<i>For Aluminum Armored Cable With Sub-Units, Add</i> .....	1,993.24	
			<i>For Steel Armored Cable, Add</i> .....	4,648.82	
27 15 23 00-0109	MLF		36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,875.79	486.80
27 15 23 00-0110	MLF		48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,230.61	486.80
			<i>For Aluminum Armored Cable With Sub-Units, Add</i> .....	5,918.86	
27 15 23 00-0111	MLF		60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,585.43	486.80
27 15 23 00-0112	MLF		72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,940.25	486.80
27 15 23 00-0113	MLF		96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	27,673.85	486.80
			<i>For Aluminum Armored Cable With Sub-Units, Add</i> .....	11,837.72	
<b>27 15 23 00-0114</b>			<b>62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0085)</small>		
27 15 23 00-0115	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,062.18	417.25
27 15 23 00-0116	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,493.83	417.25
27 15 23 00-0117	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,982.94	417.25
27 15 23 00-0118	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,481.86	417.25
27 15 23 00-0119	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,959.92	417.25
27 15 23 00-0120	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,375.28	417.25
27 15 23 00-0121	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,308.73	486.80
27 15 23 00-0122	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,856.45	486.80
27 15 23 00-0123	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,379.01	486.80
27 15 23 00-0124	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,901.57	486.80
27 15 23 00-0125	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,424.13	486.80
27 15 23 00-0126	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	21,946.70	486.80
27 15 23 00-0127	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	29,016.98	486.80
<b>27 15 23 00-0128</b>			<b>Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0084)</small>		
<b>27 15 23 00-0129</b>			<b>Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0128)</small>		
27 15 23 00-0130	MLF		2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,031.87	417.25
27 15 23 00-0131	MLF		4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,473.76	417.25
27 15 23 00-0132	MLF		6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,536.06	417.25
27 15 23 00-0133	MLF		8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,577.16	417.25
27 15 23 00-0134	MLF		12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,238.72	417.25
27 15 23 00-0135	MLF		18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,326.67	486.80
27 15 23 00-0136	MLF		24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,902.19	486.80
27 15 23 00-0137	MLF		36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,032.20	486.80
27 15 23 00-0138	MLF		48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,505.39	486.80
<b>27 15 23 00-0139</b>			<b>50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0128)</small>		
27 15 23 00-0140	MLF		2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,993.64	417.25
27 15 23 00-0141	MLF		4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,248.85	417.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0142 MLF 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	8,489.34	417.25
27 15 23 00-0143 MLF 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	9,631.22	417.25
27 15 23 00-0144 MLF 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	11,402.64	417.25
27 15 23 00-0145 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	15,620.46	486.80
27 15 23 00-0146 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	18,360.42	486.80
27 15 23 00-0147 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	20,262.79	486.80
27 15 23 00-0148 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	32,442.49	486.80
<b>27 15 23 00-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0128)</small>		
27 15 23 00-0150 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	5,208.55	417.25
27 15 23 00-0151 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	6,526.52	417.25
27 15 23 00-0152 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	8,879.03	417.25
27 15 23 00-0153 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	10,078.01	417.25
27 15 23 00-0154 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	11,938.00	417.25
27 15 23 00-0155 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	16,360.92	486.80
27 15 23 00-0156 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	19,237.87	486.80
27 15 23 00-0157 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	21,235.37	486.80
27 15 23 00-0158 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit .....	34,024.05	486.80
<b>27 15 23 00-0159 Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0001)</small>		
<small>Note: For non-conduit installations such as cable trays, surface runways, etc.</small>		
<b>27 15 23 00-0160 Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0159)</small>		
<b>27 15 23 00-0161 Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0160)</small>		
<b>27 15 23 00-0162 Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0161)</small>		
27 15 23 00-0163 MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,250.36	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0164 MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,347.74	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0165 MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,380.26	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0166 MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,496.05	556.34
<i>For Aluminum Armored Cable, Add</i>	803.07	
<i>For Steel Armored Cable, Add</i>	1,626.50	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0167 MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,529.25	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0168 MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,729.94	556.34
<i>For Aluminum Armored Cable, Add</i>	838.01	
<i>For Steel Armored Cable, Add</i>	1,701.24	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0169 MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,817.21	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0170 MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,889.24	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,839.80	
<i>For Steel Armored Cable, Add</i>	2,251.21	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0171 MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	4,703.98	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,939.49	
<i>For Steel Armored Cable, Add</i>	2,026.29	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0172 MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	4,862.00	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,034.91	
<i>For Steel Armored Cable, Add</i>	2,122.54	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0173 MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,858.49	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0174 MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	6,123.49	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0175 MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	7,517.38	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0176	MLF		120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	10,029.44	695.42
			<i>For Work In Restricted Working Space, Add</i>	347.71	
27 15 23 00-0177	MLF		144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	11,930.24	695.42
			<i>For Work In Restricted Working Space, Add</i>	347.71	
<b>27 15 23 00-0178</b>			<b>50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0161)</small>		
27 15 23 00-0179	MLF		1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,278.40	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0180	MLF		2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,395.57	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0181	MLF		4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,673.66	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0182	MLF		6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,966.38	556.34
			<i>For Aluminum Armored Cable, Add</i>	950.35	
			<i>For Steel Armored Cable, Add</i>	1,254.83	
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0183	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,244.46	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0184	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,815.26	556.34
			<i>For Aluminum Armored Cable, Add</i>	925.14	
			<i>For Steel Armored Cable, Add</i>	1,321.88	
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0185	MLF		18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,077.53	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0186	MLF		24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,141.21	625.88
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	940.73	
			<i>For Steel Armored Cable, Add</i>	940.73	
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0187	MLF		36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	7,190.25	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0188	MLF		48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	9,239.29	625.88
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,678.75	
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0189	MLF		60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	11,288.33	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0190	MLF		72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	13,337.37	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0191	MLF		96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	17,450.09	625.88
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	7,230.18	
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0192	MLF		120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	21,664.08	695.42
			<i>For Work In Restricted Working Space, Add</i>	347.71	
27 15 23 00-0193	MLF		144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	25,762.16	695.42
			<i>For Work In Restricted Working Space, Add</i>	347.71	
<b>27 15 23 00-0194</b>			<b>62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0161)</small>		
27 15 23 00-0195	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,295.96	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0196	MLF		2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,418.99	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0197	MLF		4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,710.98	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0198	MLF		6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,018.33	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0199	MLF		8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,310.32	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0200	MLF		12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,909.67	556.34
			<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0201	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,179.25	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0202	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,346.11	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0203	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	7,497.61	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0204	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	9,649.10	625.88
			<i>For Work In Restricted Working Space, Add</i>	312.94	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0205 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,800.59	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0206 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	13,952.08	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0207 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	18,270.43	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0208 MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	22,689.33	695.42
<i>For Work In Restricted Working Space, Add</i>	347.71	
27 15 23 00-0209 MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	26,992.31	695.42
<i>For Work In Restricted Working Space, Add</i>	347.71	
<b>27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0160)</small>		
<b>27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0210)</small>		
27 15 23 00-0212 MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,152.94	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0213 MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,516.14	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0214 MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,315.14	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0215 MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,696.46	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0216 MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,294.23	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0217 MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	6,627.05	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0218 MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	8,300.71	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0219 MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,620.78	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0220 MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	14,208.46	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0210)</small>		
27 15 23 00-0222 MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,512.72	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0223 MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,012.63	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0224 MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,836.86	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0225 MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,061.89	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0226 MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,570.61	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0227 MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,374.66	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0228 MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,210.57	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0229 MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	10,465.79	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0230 MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,854.76	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0210)</small>		
27 15 23 00-0232 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	2,592.00	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0233 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,116.90	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0234 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	3,982.34	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0235 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,268.62	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0236 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	5,802.78	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0237 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	7,691.24	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0238 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	9,618.95	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	

**27 Communications**

**27 10 Structured Cabling**

**27 15 Communications Horizontal Cabling**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0239 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,936.92	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0240 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	16,595.34	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0159)</small>		
<b>27 15 23 00-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0241)</small>		
<b>27 15 23 00-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0242)</small>		
27 15 23 00-0244 MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,213.06	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0245 MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,217.38	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0246 MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,443.82	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0247 MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,470.32	556.34
<i>For Aluminum Armored Cable, Add</i>	1,135.65	
<i>For Steel Armored Cable, Add</i>	5,118.61	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0248 MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,603.70	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0249 MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,628.66	556.34
<i>For Aluminum Armored Cable, Add</i>	1,211.11	
<i>For Steel Armored Cable, Add</i>	5,497.73	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0250 MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,329.85	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0251 MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,187.37	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	855.49	
<i>For Steel Armored Cable, Add</i>	5,843.85	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0252 MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,457.13	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0253 MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,617.01	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,311.65	
<i>For Steel Armored Cable, Add</i>	7,357.77	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0254 MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,918.15	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0255 MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,307.36	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0256 MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,194.42	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0242)</small>		
27 15 23 00-0258 MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,276.51	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0259 MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,687.61	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0260 MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,153.43	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0261 MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,628.59	556.34
<i>For Aluminum Armored Cable, Add</i>	291.02	
<i>For Steel Armored Cable, Add</i>	662.85	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0262 MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,083.89	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0263 MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,479.47	556.34
<i>For Aluminum Armored Cable, Add</i>	235.59	
<i>For Steel Armored Cable, Add</i>	657.67	
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0264 MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,373.99	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0265 MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,752.77	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,993.24	
<i>For Steel Armored Cable, Add</i>	4,648.82	
<i>For Work In Restricted Working Space, Add</i>	312.94	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0266 MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	11,107.59	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0267 MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	14,462.41	625.88
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	5,918.86	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0268 MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	17,817.23	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0269 MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	21,172.05	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0270 MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	27,905.65	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	11,837.72	
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0242)</small>		
27 15 23 00-0272 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,293.98	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0273 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	1,725.63	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0274 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,214.74	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0275 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	2,713.66	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0276 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,191.72	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0277 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,607.08	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0278 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	4,540.53	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0279 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	8,088.25	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0280 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	11,610.81	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0281 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	15,133.37	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0282 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	18,655.93	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0283 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	22,178.50	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0284 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	29,248.78	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0285 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0241)</small>		
<b>27 15 23 00-0286 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0285)</small>		
27 15 23 00-0287 MLF 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,263.67	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0288 MLF 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	3,705.56	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0289 MLF 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	4,767.86	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0290 MLF 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,808.96	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0291 MLF 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	7,470.52	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0292 MLF 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	10,558.47	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0293 MLF 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	15,133.99	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0294 MLF 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	18,264.00	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0295 MLF 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	22,737.19	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0296 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0285)</small>		
27 15 23 00-0297 MLF 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,225.44	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0298 MLF 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	6,480.65	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0299 MLF 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	8,721.14	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0300 MLF 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	9,863.02	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0301 MLF 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	11,634.44	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0302 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	15,852.26	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0303 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	18,592.22	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0304 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	20,494.59	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0305 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	32,674.29	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0306 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0285)</small>		
27 15 23 00-0307 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	5,440.35	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0308 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	6,758.32	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0309 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	9,110.83	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0310 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	10,309.81	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0311 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	12,169.80	556.34
<i>For Work In Restricted Working Space, Add</i>	278.17	
27 15 23 00-0312 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	16,592.72	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0313 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	19,469.67	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0314 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	21,467.17	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
27 15 23 00-0315 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed .....	34,255.85	625.88
<i>For Work In Restricted Working Space, Add</i>	312.94	
<b>27 15 23 00-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0001)</small>		
Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
<b>27 15 23 00-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0316)</small>		
27 15 23 00-0318 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	1,486.86	417.25
27 15 23 00-0319 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	2,557.25	417.25
27 15 23 00-0320 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	5,969.04	486.80
27 15 23 00-0321 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	9,447.56	486.80
<b>27 15 23 00-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0316)</small>		
27 15 23 00-0323 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	1,782.98	417.25



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0324 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	2,598.92	417.25
27 15 23 00-0325 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	7,097.05	486.80
27 15 23 00-0326 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit .....	12,290.00	486.80
<b>27 15 23 00-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0001)</small>		
<small>Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.</small>		
<b>27 15 23 00-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0327)</small>		
27 15 23 00-0329 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	1,718.66	556.34
<i>For Work In Restricted Working Space, Add</i> .....	<i>278.17</i>	
27 15 23 00-0330 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	2,789.05	556.34
<i>For Work In Restricted Working Space, Add</i> .....	<i>278.17</i>	
27 15 23 00-0331 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	6,200.84	625.88
<i>For Work In Restricted Working Space, Add</i> .....	<i>312.94</i>	
27 15 23 00-0332 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	9,679.36	625.88
<i>For Work In Restricted Working Space, Add</i> .....	<i>312.94</i>	
<b>27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed</b> <small>(27 15 23 00-0327)</small>		
27 15 23 00-0334 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	2,014.78	556.34
<i>For Work In Restricted Working Space, Add</i> .....	<i>278.17</i>	
27 15 23 00-0335 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	2,830.72	556.34
<i>For Work In Restricted Working Space, Add</i> .....	<i>278.17</i>	
27 15 23 00-0336 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	7,328.85	625.88
<i>For Work In Restricted Working Space, Add</i> .....	<i>312.94</i>	
27 15 23 00-0337 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed .....	12,521.80	625.88
<i>For Work In Restricted Working Space, Add</i> .....	<i>312.94</i>	
<b>27 15 23 00-0338 Outdoor Fiber Optic Cable</b> <small>(27 15 23)</small>		
<small>Note: Cable buried in trench excludes excavation.</small>		
<b>27 15 23 00-0339 Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0338)</small>		
<small>Note: Excludes conduit or innerduct.</small>		
<b>27 15 23 00-0340 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0339)</small>		
<b>27 15 23 00-0341 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0340)</small>		
27 15 23 00-0342 MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	1,970.80	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>283.28</i>	
27 15 23 00-0343 MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,006.06	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>285.63</i>	
27 15 23 00-0344 MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,041.38	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>287.90</i>	
27 15 23 00-0345 MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,076.67	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>290.66</i>	
27 15 23 00-0346 MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,146.80	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>263.01</i>	
27 15 23 00-0347 MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,290.25	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>293.03</i>	
27 15 23 00-0348 MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,363.98	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>230.68</i>	
27 15 23 00-0349 MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,386.73	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>269.63</i>	
27 15 23 00-0350 MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	2,808.73	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>296.64</i>	
27 15 23 00-0351 MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	3,041.39	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>296.61</i>	
27 15 23 00-0352 MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	3,343.25	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>350.57</i>	
27 15 23 00-0353 MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	3,874.66	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>336.58</i>	
27 15 23 00-0354 MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	4,455.31	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>408.71</i>	
27 15 23 00-0355 MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit .....	5,063.01	834.51
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i> .....	<i>273.59</i>	





MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0356			<b>50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0340)</small>		
27 15 23 00-0357	MLF		2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,773.61	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-4.02	
27 15 23 00-0358	MLF		4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,852.10	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	41.21	
27 15 23 00-0359	MLF		6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,016.53	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	106.57	
27 15 23 00-0360	MLF		8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,240.76	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-64.62	
27 15 23 00-0361	MLF		12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,334.19	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-34.32	
27 15 23 00-0362	MLF		18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,651.86	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-16.15	
27 15 23 00-0363	MLF		24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,324.55	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-87.85	
27 15 23 00-0364	MLF		36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,314.91	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	0.01	
27 15 23 00-0365	MLF		48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	6,417.38	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-200.97	
27 15 23 00-0366	MLF		60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	7,183.51	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-100.97	
27 15 23 00-0367	MLF		72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	8,173.87	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	464.14	
27 15 23 00-0368	MLF		96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	10,472.25	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-208.04	
27 15 23 00-0369	MLF		120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	12,751.94	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-278.22	
27 15 23 00-0370	MLF		144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	15,031.63	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-330.75	
27 15 23 00-0371			<b>62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0340)</small>		
27 15 23 00-0372	MLF		2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,726.09	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	121.14	
27 15 23 00-0373	MLF		4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,842.56	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	129.91	
27 15 23 00-0374	MLF		6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,958.85	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	138.47	
27 15 23 00-0375	MLF		8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,102.51	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	157.64	
27 15 23 00-0376	MLF		12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,308.25	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	164.38	
27 15 23 00-0377	MLF		18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,672.00	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	175.19	
27 15 23 00-0378	MLF		24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,016.57	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	201.47	
27 15 23 00-0379	MLF		36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,676.02	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	223.88	
27 15 23 00-0380	MLF		48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,447.35	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	257.42	
27 15 23 00-0381	MLF		60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,159.77	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	277.00	
27 15 23 00-0382	MLF		72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,911.70	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	313.52	
27 15 23 00-0383	MLF		96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	7,432.49	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	352.51	
27 15 23 00-0384	MLF		120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	8,977.70	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	400.06	
27 15 23 00-0385	MLF		144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	10,546.76	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	367.48	
27 15 23 00-0386			<b>Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0339)</small>		
27 15 23 00-0387			<b>Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0386)</small>		
27 15 23 00-0388	MLF		2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,172.76	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	223.86	
27 15 23 00-0389	MLF		4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,241.53	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	321.31	
27 15 23 00-0390	MLF		6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,262.18	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	307.93	
27 15 23 00-0391	MLF		8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,344.56	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	256.34	
27 15 23 00-0392	MLF		12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,370.27	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	306.37	
27 15 23 00-0393	MLF		18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,485.72	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	290.57	
27 15 23 00-0394	MLF		24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,589.24	834.51
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	294.02	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0395	MLF		36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,754.38 372.85	834.51
27 15 23 00-0396	MLF		48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,987.04 377.71	834.51
27 15 23 00-0397	MLF		60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,218.80 391.31	834.51
27 15 23 00-0398	MLF		72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,533.00 336.59	834.51
27 15 23 00-0399	MLF		96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,041.24 438.97	834.51
27 15 23 00-0400	MLF		120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,706.15 432.24	834.51
27 15 23 00-0401	MLF		144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,250.26 345.27	834.51
<b>27 15 23 00-0402</b>			<b>50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0386)</sup>		
27 15 23 00-0403	MLF		2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,404.61 316.80	834.51
27 15 23 00-0404	MLF		4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,645.38 177.41	834.51
27 15 23 00-0405	MLF		6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,962.18 38.02	834.51
27 15 23 00-0406	MLF		8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,114.24 63.36	834.51
27 15 23 00-0407	MLF		12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,266.31 63.36	834.51
27 15 23 00-0408	MLF		18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,621.12 76.03	834.51
27 15 23 00-0409	MLF		24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,937.92 291.46	834.51
27 15 23 00-0410	MLF		36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,622.21 570.24	834.51
27 15 23 00-0411	MLF		48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,306.50 950.40	834.51
27 15 23 00-0412	MLF		60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,876.74 1,045.44	834.51
27 15 23 00-0413	MLF		72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,624.39 1,330.56	834.51
27 15 23 00-0414	MLF		96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,183.04 1,964.16	834.51
27 15 23 00-0415	MLF		120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,968.71 1,482.62	834.51
27 15 23 00-0416	MLF		144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,983.55 3,611.52	834.51
<b>27 15 23 00-0417</b>			<b>62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit</b> <sup>(27 15 23 00-0386)</sup>		
27 15 23 00-0418	MLF		2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,804.73 152.06	834.51
27 15 23 00-0419	MLF		4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,918.78 164.38	834.51
27 15 23 00-0420	MLF		6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,032.64 176.68	834.51
27 15 23 00-0421	MLF		8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,146.69 188.97	834.51
27 15 23 00-0422	MLF		12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,442.12 203.26	834.51
27 15 23 00-0423	MLF		18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,731.82 238.19	834.51
27 15 23 00-0424	MLF		24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,086.79 258.71	834.51
27 15 23 00-0425	MLF		36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,773.88 319.65	834.51
27 15 23 00-0426	MLF		48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,473.82 366.23	834.51
27 15 23 00-0427	MLF		60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,176.17 407.82	834.51
27 15 23 00-0428	MLF		72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,914.67 454.78	834.51
27 15 23 00-0429	MLF		96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,413.30 536.25	834.51
27 15 23 00-0430	MLF		120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,347.60 554.35	834.51
27 15 23 00-0431	MLF		144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit ..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,481.17 572.27	834.51
<b>27 15 23 00-0432</b>			<b>Outdoor Fiber Optic Cable, Buried In Trench</b> <sup>(27 15 23 00-0338)</sup> Note: Excludes trenching.		

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

27 15 23 00-0433	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <sup>(27 15 23 00-0432)</sup>		
27 15 23 00-0434	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <sup>(27 15 23 00-0433)</sup>		
27 15 23 00-0435	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,854.89	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	283.28	
27 15 23 00-0436	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,890.15	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	285.63	
27 15 23 00-0437	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,925.47	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	287.90	
27 15 23 00-0438	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,960.76	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	290.66	
27 15 23 00-0439	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,030.89	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	263.01	
27 15 23 00-0440	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,174.34	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	293.03	
27 15 23 00-0441	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,248.07	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	230.68	
27 15 23 00-0442	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,270.82	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	269.63	
27 15 23 00-0443	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,692.82	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	296.64	
27 15 23 00-0444	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,222.09	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	296.61	
27 15 23 00-0445	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,577.91	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	350.57	
27 15 23 00-0446	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,758.75	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	336.58	
27 15 23 00-0447	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,339.40	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	408.71	
27 15 23 00-0448	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,947.10	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	273.59	
27 15 23 00-0449	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <sup>(27 15 23 00-0433)</sup>		
27 15 23 00-0450	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,657.70	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-4.02	
27 15 23 00-0451	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,736.19	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	41.21	
27 15 23 00-0452	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,900.62	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	106.57	
27 15 23 00-0453	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,124.85	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-64.62	
27 15 23 00-0454	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,218.28	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-34.32	
27 15 23 00-0455	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,535.95	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-16.15	
27 15 23 00-0456	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,208.64	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-87.85	
27 15 23 00-0457	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	5,199.00	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	0.01	
27 15 23 00-0458	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	6,301.47	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-200.97	
27 15 23 00-0459	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	7,067.60	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-100.97	
27 15 23 00-0460	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	8,057.96	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	464.14	
27 15 23 00-0461	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	10,356.34	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-208.04	
27 15 23 00-0462	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	12,636.03	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-278.22	
27 15 23 00-0463	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	14,915.72	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-330.75	
27 15 23 00-0464	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <sup>(27 15 23 00-0433)</sup>		
27 15 23 00-0465	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,610.18	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	121.14	
27 15 23 00-0466	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,726.65	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	129.91	
27 15 23 00-0467	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,842.94	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	138.47	
27 15 23 00-0468	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,986.60	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	157.64	
27 15 23 00-0469	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,192.34	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	164.38	
27 15 23 00-0470	MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,556.09	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	175.19	
27 15 23 00-0471	MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,900.66	
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	201.47	



	<b>Communications</b>	<b>27</b>
	Structured Cabling	27 10
	Communications Horizontal Cabling	27 15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0472	MLF		36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,560.11 223.88	
27 15 23 00-0473	MLF		48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,331.44 257.42	
27 15 23 00-0474	MLF		60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,043.86 277.00	
27 15 23 00-0475	MLF		72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,795.79 313.52	
27 15 23 00-0476	MLF		96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,316.58 352.51	
27 15 23 00-0477	MLF		120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,861.79 400.06	
27 15 23 00-0478	MLF		144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,430.85 367.48	
27 15 23 00-0479			<b>Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench</b> <sup>(27 15 23 00-0432)</sup>		
27 15 23 00-0480			<b>Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench</b> <sup>(27 15 23 00-0479)</sup>		
27 15 23 00-0481	MLF		2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,056.85 223.86	
27 15 23 00-0482	MLF		4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,125.62 321.31	
27 15 23 00-0483	MLF		6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,146.27 307.93	
27 15 23 00-0484	MLF		8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,228.65 256.34	
27 15 23 00-0485	MLF		12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,254.36 306.37	
27 15 23 00-0486	MLF		18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,369.81 290.57	
27 15 23 00-0487	MLF		24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,473.33 294.02	
27 15 23 00-0488	MLF		36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,638.47 372.85	
27 15 23 00-0489	MLF		48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,871.13 377.71	
27 15 23 00-0490	MLF		60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,102.89 391.31	
27 15 23 00-0491	MLF		72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,417.09 336.59	
27 15 23 00-0492	MLF		96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,925.33 438.97	
27 15 23 00-0493	MLF		120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,590.24 432.24	
27 15 23 00-0494	MLF		144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,134.35 345.27	
27 15 23 00-0495			<b>50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench</b> <sup>(27 15 23 00-0479)</sup>		
27 15 23 00-0496	MLF		2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,288.70 316.80	
27 15 23 00-0497	MLF		4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,529.47 177.41	
27 15 23 00-0498	MLF		6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,846.27 38.02	
27 15 23 00-0499	MLF		8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,998.33 63.36	
27 15 23 00-0500	MLF		12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,150.40 63.36	
27 15 23 00-0501	MLF		18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,505.21 76.03	
27 15 23 00-0502	MLF		24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,822.01 291.46	
27 15 23 00-0503	MLF		36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,506.30 570.24	
27 15 23 00-0504	MLF		48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,190.59 950.40	
27 15 23 00-0505	MLF		60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,760.83 1,045.44	
27 15 23 00-0506	MLF		72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,508.48 1,330.56	
27 15 23 00-0507	MLF		96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,067.13 1,964.16	
27 15 23 00-0508	MLF		120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,852.80 1,482.62	
27 15 23 00-0509	MLF		144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,867.64 3,611.52	



**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0510			<b>62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench</b> <small>(27 15 23 00-0479)</small>		
27 15 23 00-0511	MLF		2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,688.82	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	152.06	
27 15 23 00-0512	MLF		4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,802.87	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	164.38	
27 15 23 00-0513	MLF		6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,916.73	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	176.68	
27 15 23 00-0514	MLF		8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,030.78	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	188.97	
27 15 23 00-0515	MLF		12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,326.21	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	203.26	
27 15 23 00-0516	MLF		18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,615.91	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	238.19	
27 15 23 00-0517	MLF		24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,970.88	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	258.71	
27 15 23 00-0518	MLF		36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,657.97	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	319.65	
27 15 23 00-0519	MLF		48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,357.91	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	366.23	
27 15 23 00-0520	MLF		60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,060.26	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	407.82	
27 15 23 00-0521	MLF		72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,798.76	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	454.78	
27 15 23 00-0522	MLF		96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,297.39	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	536.25	
27 15 23 00-0523	MLF		120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	8,894.03	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	554.35	
27 15 23 00-0524	MLF		144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	10,365.26	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	572.27	
27 15 23 00-0525			<b>(Aerial) Outdoor Fiber Optic Cable, Installed On Poles</b> <small>(27 15 23 00-0338)</small>		
27 15 23 00-0526			<b>Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles</b> <small>(27 15 23 00-0525)</small>		
27 15 23 00-0527			<b>Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles</b> <small>(27 15 23 00-0526)</small>		
27 15 23 00-0528	MLF		2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,079.23	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	189.47	
27 15 23 00-0529	MLF		4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,114.27	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	194.38	
27 15 23 00-0530	MLF		6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,149.78	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	199.15	
27 15 23 00-0531	MLF		8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,184.83	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	195.34	
27 15 23 00-0532	MLF		12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,254.94	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	227.73	
27 15 23 00-0533	MLF		18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,393.40	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	236.75	
27 15 23 00-0534	MLF		24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,498.99	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	261.68	
27 15 23 00-0535	MLF		36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,750.05	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	250.91	
27 15 23 00-0536	MLF		48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	9,969.60	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	291.49	
27 15 23 00-0537	MLF		60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	10,151.10	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	279.52	
27 15 23 00-0538	MLF		72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	10,377.52	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	319.58	
27 15 23 00-0539	MLF		96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	10,971.74	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	324.58	
27 15 23 00-0540	MLF		120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	11,609.28	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	387.31	
27 15 23 00-0541	MLF		144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles .....	11,762.12	3,086.98
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	415.88	
27 15 23 00-0542			<b>Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0338)</small>		
			Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543			<b>Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0542)</small>		
27 15 23 00-0544	MLF		12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	3,838.75	695.42
27 15 23 00-0545	MLF		24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	4,864.69	695.42
27 15 23 00-0546	MLF		48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	7,150.12	695.42
27 15 23 00-0547			<b>Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit</b> <small>(27 15 23 00-0542)</small>		





<b>Communications</b>	<b>27</b>	
<b>Structured Cabling</b>	<b>27 10</b>	<b>27</b>
<b>Communications Horizontal Cabling</b>	<b>27 15</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0548 MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	5,147.29	695.42
27 15 23 00-0549 MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	5,730.31	695.42
27 15 23 00-0550 MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	8,280.63	695.42
<b>27 15 23 00-0551 Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench</b> <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes trenching.		
<b>27 15 23 00-0552 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench</b> <small>(27 15 23 00-0551)</small>		
27 15 23 00-0553 MLF 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,722.84	637.47
27 15 23 00-0554 MLF 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,748.78	637.47
27 15 23 00-0555 MLF 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	7,034.21	637.47
<b>27 15 23 00-0556 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench</b> <small>(27 15 23 00-0551)</small>		
27 15 23 00-0557 MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	5,031.38	637.47
27 15 23 00-0558 MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	5,614.40	637.47
27 15 23 00-0559 MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	8,164.72	637.47
<b>27 15 33 Communications Coaxial Horizontal Cabling</b> <small>(27 15)</small> Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
<b>27 15 33 00-0001 Indoor Coaxial Cable</b> <small>(27 15 33)</small>		
<b>27 15 33 00-0002 Coaxial, Indoor Telecommunications Cable</b> <small>(27 15 33 00-0001)</small>		
<b>27 15 33 00-0003 Coaxial, Indoor Telecommunications Cable, Installed In Conduit</b> <small>(27 15 33 00-0002)</small>		
27 15 33 00-0004 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108).....	1,812.03	486.80
27 15 33 00-0005 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108).....	4,666.35	486.80
27 15 33 00-0006 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114).....	1,409.10	556.34
27 15 33 00-0007 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120).....	5,906.63	556.34
<b>27 15 33 00-0008 Coaxial, Indoor Telecommunications Cable, Installed Exposed</b> <small>(27 15 33 00-0002)</small>		
27 15 33 00-0009 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108).....	2,623.35	973.59
<i>For Work In Restricted Working Space, Add</i>	486.80	
27 15 33 00-0010 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108).....	5,477.67	973.59
<i>For Work In Restricted Working Space, Add</i>	486.80	
27 15 33 00-0011 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114).....	2,336.34	1,112.67
<i>For Work In Restricted Working Space, Add</i>	556.34	
27 15 33 00-0012 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120).....	6,833.87	1,112.67
<i>For Work In Restricted Working Space, Add</i>	556.34	
<b>27 15 33 00-0013 Coaxial Distribution Cable</b> <small>(27 15 33 00-0001)</small> Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.		
27 15 33 00-0014 MLF RG-6/U Coaxial Distribution Cable, Installed In Conduit.....	3,156.10	338.84
27 15 33 00-0015 MLF RG-6A/U Coaxial Distribution Cable, Installed In Conduit.....	12,757.68	338.84
27 15 33 00-0016 MLF RG-8/U Coaxial Distribution Cable, Installed In Conduit.....	6,509.72	357.90
27 15 33 00-0017 MLF RG-8A/U Coaxial Distribution Cable, Installed In Conduit.....	8,313.31	357.90
27 15 33 00-0018 MLF RG-11/U Coaxial Distribution Cable, Installed In Conduit.....	7,269.48	423.55
27 15 33 00-0019 MLF RG-11A/U Coaxial Distribution Cable, Installed In Conduit.....	10,757.48	423.55
27 15 33 00-0020 MLF RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	23,651.24	592.97
27 15 33 00-0021 MLF RG-58/U Coaxial Distribution Cable, Installed In Conduit.....	2,272.55	296.49
27 15 33 00-0022 MLF RG-58A/U Coaxial Distribution Cable, Installed In Conduit.....	2,629.94	296.49
27 15 33 00-0023 MLF RG-58C/U Coaxial Distribution Cable, Installed In Conduit.....	3,259.51	296.49
27 15 33 00-0024 MLF RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	8,113.00	592.97
27 15 33 00-0025 MLF RG-59/U Coaxial Distribution Cable, Installed In Conduit.....	3,942.26	296.49
27 15 33 00-0026 MLF RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed.....	9,986.22	592.97
27 15 33 00-0027 MLF 1/2" Hard Line Coaxial, Installed In Conduit.....	3,094.12	423.55
<b>27 15 33 00-0028 Outdoor Coaxial Cable</b> <small>(27 15 33)</small>		
<b>27 15 33 00-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core</b> <small>(27 15 33 00-0028)</small> Note: Corrugated steel armor jacket.		
27 15 33 00-0030 MLF TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial.....	7,937.40	1,585.35
27 15 33 00-0031 MLF TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial.....	4,826.32	1,115.11
27 15 33 00-0032 MLF TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial.....	4,515.68	657.89
27 15 33 00-0033 MLF TV Coaxial Cable Drop 1/4" Diameter, Direct Burial.....	2,012.18	657.89
27 15 33 00-0034 MLF 1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit.....	2,937.38	1,027.96

**27 Communications****27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**27 15 43 Communications Faceplates and Connectors (27 15)**

27 15 43 00-0001	EA	Wall Mounted Telephone Faceplates (27 15 43) Note: Includes standard telephone mounting studs.		
27 15 43 00-0002	EA	Plastic Faceplates For Wall Mounted Telephones (27 15 43 00-0001)		
27 15 43 00-0003	EA	Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones .....	42.33	14.48
27 15 43 00-0004	EA	Stainless Steel Faceplates For Wall Mounted Telephones (27 15 43 00-0001)		
27 15 43 00-0005	EA	Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones..... Note: Requires one snap-in modular jack.	34.05	5.79
27 15 43 00-0006	EA	Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	59.31	14.48
27 15 43 00-0007	EA	Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	69.04	17.39
27 15 43 00-0008	EA	Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones..... Note: Requires one snap-in modular jack.	32.74	5.79
27 15 43 00-0009	EA	Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones .....	53.77	14.48
27 15 43 00-0010	EA	Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones .....	63.65	17.39
27 15 43 00-0011	EA	Plastic Communications Faceplates (27 15 43) Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0012	EA	One Port, Single Gang, Plastic Communication Faceplate With Station ID .....	9.41	2.90
27 15 43 00-0013	EA	Two Port, Single Gang, Plastic Communication Faceplate With Station ID .....	9.41	2.90
27 15 43 00-0014	EA	Three Port, Single Gang, Plastic Communication Faceplate With Station ID .....	9.41	2.90
27 15 43 00-0015	EA	Four Port, Single Gang, Plastic Communication Faceplate With Station ID .....	9.41	2.90
27 15 43 00-0016	EA	Six Port, Single Gang, Plastic Communication Faceplate With Station ID .....	9.41	2.90
27 15 43 00-0017	EA	Four Port, Double Gang, Plastic Communications Faceplate With Station ID .....	17.00	2.90
27 15 43 00-0018	EA	Six Port, Double Gang, Plastic Communication Faceplate With Station ID .....	17.00	2.90
27 15 43 00-0019	EA	Eight Port, Double Gang, Plastic Communication Faceplate With Station ID .....	17.00	2.90
27 15 43 00-0020	EA	Nine Port, Double Gang, Plastic Communication Faceplate With Station ID .....	17.00	2.90
27 15 43 00-0021	EA	Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID .....	17.00	2.90
27 15 43 00-0022	EA	Stainless Steel Communications Faceplates (27 15 43) Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0023	EA	Stainless Steel Communications Faceplates (27 15 43 00-0022)		
27 15 43 00-0024	EA	One Port, Single Gang, Stainless Steel Communications Faceplate.....	18.15	2.90
27 15 43 00-0025	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate.....	18.15	2.90
27 15 43 00-0026	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate.....	18.15	2.90
27 15 43 00-0027	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate.....	19.44	2.90
27 15 43 00-0028	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate.....	19.44	2.90
27 15 43 00-0029	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate.....	26.33	2.90
27 15 43 00-0030	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate .....	27.14	2.90
27 15 43 00-0031	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate .....	31.47	2.90
27 15 43 00-0032	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate.....	31.47	2.90
27 15 43 00-0033	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate.....	31.47	2.90
27 15 43 00-0034	EA	Stainless Steel Communications Faceplates With Station ID (27 15 43 00-0022)		
27 15 43 00-0035	EA	One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID .....	26.17	2.90
27 15 43 00-0036	EA	Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID .....	26.17	2.90
27 15 43 00-0037	EA	Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID .....	26.17	2.90
27 15 43 00-0038	EA	Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID .....	26.17	2.90
27 15 43 00-0039	EA	Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID .....	26.17	2.90
27 15 43 00-0040	EA	Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID .....	56.81	2.90
27 15 43 00-0041	EA	Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID .....	56.81	2.90
27 15 43 00-0042	EA	Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID .....	56.81	2.90
27 15 43 00-0043	EA	Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID .....	56.81	2.90
27 15 43 00-0044	EA	Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID .....	56.81	2.90
27 15 43 00-0045	EA	Surface Mount Plastic Communication Boxes (27 15 43) Note: Excludes modular jacks. See CSI section 27 15 43 00-0051 for modular jacks.		
27 15 43 00-0046	EA	One Port, Surface Mount Plastic Communication Box With Station ID .....	33.60	14.51
27 15 43 00-0047	EA	Two Port, Surface Mount Plastic Communication Box With Station ID .....	34.40	14.51
27 15 43 00-0048	EA	Four Port, Surface Mount Plastic Communication Box With Station ID .....	39.94	14.51
27 15 43 00-0049	EA	Six Port, Surface Mount Plastic Communication Box With Station ID .....	46.52	14.51
27 15 43 00-0050	EA	Twelve Port, Surface Mount Plastic Communication Box With Station ID .....	53.41	14.51
27 15 43 00-0051	EA	Snap-In Modular Jacks (27 15 43) Note: Includes termination.		
27 15 43 00-0052	EA	Cat 3, Snap-In Modular Jack .....	32.36	11.61
27 15 43 00-0053	EA	Category 5E, Snap-In Modular Jack .....	34.13	11.61
27 15 43 00-0054	EA	Category 5E Shielded, Snap-In Modular Jack .....	39.42	11.61
27 15 43 00-0055	EA	Cat 6, Snap-In Modular Jack .....	39.42	11.61
27 15 43 00-0056	EA	Cat 6 Shielded, Snap-In Modular Jack.....	45.36	11.61
27 15 43 00-0057	EA	Cat 6A, Snap-In Modular Jack .....	46.26	11.61
27 15 43 00-0058	EA	Voice, RJ-11, Snap-In Modular Jack .....	24.45	5.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0059 EA SC Type Fiber Optic, Snap-In Modular Jack .....	36.37	11.61
27 15 43 00-0060 EA ST Type Fiber Optic, Snap-In Modular Jack .....	40.87	11.61
27 15 43 00-0061 EA LC Type Fiber Optic, Snap-In Modular Jack .....	49.69	11.61
27 15 43 00-0062 EA Blank Fill In, Snap-In Modular Jack .....	6.63	2.90
27 15 43 00-0063 EA Open Cable Pass Through Insert, Snap-In Modular Jack .....	8.06	2.90
27 15 43 00-0064 EA Coaxial F-Type Coupler, Snap-In Modular Jack .....	27.21	8.70
Note: Includes female to female connection.		
<i>For Gold Bulkhead, Add</i>		
	1.71	
27 15 43 00-0065 EA RCA Jack Pass-Through Coupler, Snap-In Modular Jack .....	27.53	8.70
Note: Includes female to female connection.		
27 15 43 00-0066 EA RCA Solder Coupler, Snap-In Modular Jack .....	53.98	11.61
27 15 43 00-0067 EA RCA Jack With 110 Punch Down, Snap-In Modular Jack .....	66.97	11.61
27 15 43 00-0068 EA 3.5 m Mini Stereo Jack, Snap-In Modular Jack .....	33.65	11.61
27 15 43 00-0069 EA MT-RJ Pass-Through Coupler, Snap-In Modular Jack .....	36.44	5.80
27 15 43 00-0070 EA BNC Connector, Snap-In Modular Jack .....	38.94	11.61
27 15 43 00-0071 EA S-Video With 110 Punch Down, Snap-In Modular Jack .....	43.75	11.61
27 15 43 00-0072 PR Speaker Connectors, Snap-In Modular Jack .....	62.13	17.42
Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0073 EA USB Audio Video Connector, Snap-In Modular Jack .....	65.89	11.61
<b>27 15 53 Communications Cable Innerduct (27 15)</b>		
Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
<b>27 15 53 00-0001 Indoor Innerduct (27 15 53)</b>		
<b>27 15 53 00-0002 Indoor Innerduct, Installed In Conduit (27 15 53 00-0001)</b>		
<b>27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)</b>		
27 15 53 00-0004 MLF 1" Riser Rated, Indoor Innerduct, Installed In Conduit .....	4,700.10	1,738.55
27 15 53 00-0005 MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit .....	6,067.30	2,318.07
27 15 53 00-0006 MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit .....	8,111.05	2,897.59
27 15 53 00-0007 MLF 2" Riser Rated, Indoor Innerduct, Installed In Conduit .....	9,452.24	3,477.11
<b>27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit (27 15 53 00-0002)</b>		
27 15 53 00-0009 MLF 3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit .....	7,192.13	1,159.04
27 15 53 00-0010 MLF 1" Plenum Rated, Indoor Innerduct, Installed In Conduit .....	8,044.45	1,738.55
27 15 53 00-0011 MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit .....	10,136.39	2,318.07
27 15 53 00-0012 MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit .....	13,044.62	2,897.59
27 15 53 00-0013 MLF 2" Plenum Rated, Indoor Innerduct, Installed In Conduit .....	15,700.20	3,477.11
<b>27 15 53 00-0014 Indoor Innerduct, Installed Exposed (27 15 53 00-0001)</b>		
<b>27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)</b>		
27 15 53 00-0016 MLF 1" Riser Rated, Indoor Innerduct, Installed Exposed .....	5,859.13	2,318.07
<i>For Work In Restricted Working Space, Add</i>		
	1,390.84	
27 15 53 00-0017 MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed .....	7,226.34	2,897.59
<i>For Work In Restricted Working Space, Add</i>		
	1,738.55	
27 15 53 00-0018 MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed .....	9,270.09	3,477.11
<i>For Work In Restricted Working Space, Add</i>		
	2,086.27	
27 15 53 00-0019 MLF 2" Riser Rated, Indoor Innerduct, Installed Exposed .....	10,611.26	4,056.63
<i>For Work In Restricted Working Space, Add</i>		
	2,433.97	
<b>27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed (27 15 53 00-0014)</b>		
27 15 53 00-0021 MLF 3/4" Plenum Rated, Indoor Innerduct, Installed Exposed .....	8,351.16	1,738.55
27 15 53 00-0022 MLF 1" Plenum Rated, Indoor Innerduct, Installed Exposed .....	9,203.48	2,318.07
<i>For Work In Restricted Working Space, Add</i>		
	1,390.84	
27 15 53 00-0023 MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed .....	11,295.43	2,897.59
<i>For Work In Restricted Working Space, Add</i>		
	1,738.55	
27 15 53 00-0024 MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed .....	14,203.66	3,477.11
<i>For Work In Restricted Working Space, Add</i>		
	2,086.27	
27 15 53 00-0025 MLF 2" Plenum Rated, Indoor Innerduct, Installed Exposed .....	16,859.22	4,056.63
<i>For Work In Restricted Working Space, Add</i>		
	2,433.97	
<b>27 15 53 00-0026 Outdoor Innerduct (27 15 53)</b>		
<b>27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit (27 15 53 00-0026)</b>		
27 15 53 00-0028 MLF 1" Outdoor Innerduct, Installed In Conduit .....	4,387.85	1,738.55
27 15 53 00-0029 MLF 1-1/4" Outdoor Innerduct, Installed In Conduit .....	5,606.84	2,318.07
27 15 53 00-0030 MLF 1-1/2" Outdoor Innerduct, Installed In Conduit .....	7,180.02	2,897.59
27 15 53 00-0031 MLF 2" Outdoor Innerduct, Installed In Conduit .....	8,571.17	3,477.11
<b>27 15 53 00-0032 Outdoor Innerduct, Buried In Trench (27 15 53 00-0026)</b>		
27 15 53 00-0033 MLF 1" Outdoor Innerduct, Buried In Trench .....	3,228.81	
27 15 53 00-0034 MLF 1-1/4" Outdoor Innerduct, Buried In Trench .....	4,447.81	
27 15 53 00-0035 MLF 1-1/2" Outdoor Innerduct, Buried In Trench .....	6,020.98	
27 15 53 00-0036 MLF 2" Outdoor Innerduct, Buried In Trench .....	7,412.13	

<b>27</b>	<b>27 Communications</b>
<b>27 10</b>	<b>Structured Cabling</b>
<b>27 15</b>	<b>Communications Horizontal Cabling</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

## 27 16 Communications Connecting Cords, Devices, and Adapters (27 10)

### 27 16 16 Communications Media Converters, Adapters, and Transceivers (27 16)

27 16 16 00-0001	Fiber Optic Receivers (27 16 16)		
27 16 16 00-0002	EA Fiber Optic Receiver, Range 6.2 Miles .....	1,079.73	57.95
27 16 16 00-0003	Fiber Optic Transmitters (27 16 16)		
27 16 16 00-0004	EA Fiber Optic Transmitter, Range 6.2 Miles .....	1,079.72	57.95
27 16 16 00-0005	Fiber Optic Repeaters (27 16 16)		
	Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power .....	1,195.62	115.91
27 16 16 00-0007	EA Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power .....	1,853.64	231.81
27 16 16 00-0008	Fiber Optic Transceivers (27 16 16)		
27 16 16 00-0009	EA Fiber Optic Transceivers, 3,000 Miles Range .....	1,199.86	231.81
27 16 16 00-0010	EA Fiber Optic Transceivers, Digital 2,000 Miles Range .....	1,199.86	231.81
27 16 16 00-0011	EA Fiber Optic Ethernet Transceiver .....	1,585.51	347.71
27 16 16 00-0012	EA Transceiver (Low Cost Bi- Directional).....	596.39	86.93

### 27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire (27 16)

27 16 19 00-0001	Cross Connect Wire (27 16 19)		
	Note: Up to 20' length.		
27 16 19 00-0002	EA 2-Pair Cross Connect Wire .....	18.40	
27 16 19 00-0003	EA 3-Pair Cross Connect Wire .....	24.63	
27 16 19 00-0004	EA 4-Pair Cross Connect Wire .....	30.80	

### 27 16 19 00-0005 Fiber Optic Patch Cords (27 16 19)

#### 27 16 19 00-0006 Simplex Fiber Optic Patch Cables (27 16 19 00-0005)

#### 27 16 19 00-0007 Singlemode, Simplex Fiber Optic Patch Cables (27 16 19 00-0006)

27 16 19 00-0008	EA ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	56.22	
	For Each Additional Meter In Length, Add	0.26	
27 16 19 00-0009	EA ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable .....	45.44	
	For Each Additional Meter In Length, Add	0.26	
27 16 19 00-0010	EA ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	59.45	
	For Each Additional Meter In Length, Add	0.26	
27 16 19 00-0011	EA SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	47.90	
	For Each Additional Meter In Length, Add	0.26	
27 16 19 00-0012	EA SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable .....	55.77	
	For Each Additional Meter In Length, Add	0.26	
27 16 19 00-0013	EA LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	54.90	
	For Each Additional Meter In Length, Add	0.26	

### 27 16 19 00-0014 Duplex Fiber Optic Patch Cables (27 16 19 00-0005)

#### 27 16 19 00-0015 Singlemode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)

27 16 19 00-0016	EA ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable .....	99.55	
	For Each Additional Meter In Length, Add	0.51	
27 16 19 00-0017	EA ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable .....	96.51	
	For Each Additional Meter In Length, Add	0.51	
27 16 19 00-0018	EA ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable .....	107.32	
	For Each Additional Meter In Length, Add	0.51	
27 16 19 00-0019	EA SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable .....	82.95	
	For Each Additional Meter In Length, Add	0.51	
27 16 19 00-0020	EA SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	98.65	
	For Each Additional Meter In Length, Add	0.51	
27 16 19 00-0021	EA LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable .....	96.94	
	For Each Additional Meter In Length, Add	0.51	

### 27 16 19 00-0022 Multimode, Duplex Fiber Optic Patch Cables (27 16 19 00-0014)

27 16 19 00-0023	EA ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	74.64	
	For Each Additional Meter In Length, Add	1.48	
27 16 19 00-0024	EA ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable .....	81.68	
	For Each Additional Meter In Length, Add	1.48	
27 16 19 00-0025	EA ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	82.40	
	For Each Additional Meter In Length, Add	1.48	
27 16 19 00-0026	EA ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	84.67	
	For Each Additional Meter In Length, Add	1.48	
27 16 19 00-0027	EA SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable .....	74.93	
	For Each Additional Meter In Length, Add	1.48	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0028 EA SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	85.06	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0029 EA SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	100.35	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0030 EA MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	68.44	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0031 EA LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	83.75	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
<b>27 16 19 00-0032 Fiber Optic Cable Pig Tail <small>(27 16 19)</small></b>		
27 16 19 00-0033 EA Simplex Fiber Optic Cable Pig Tail.....	82.66	40.56
27 16 19 00-0034 EA Duplex Fiber Optic Cable Pig Tail.....	108.23	40.56
<b>27 16 19 00-0035 Ethernet Patch Cords <small>(27 16 19)</small></b>		
27 16 19 00-0036 EA 3' Category 5E Patch Cables With Boots.....	15.76	
27 16 19 00-0037 EA 5' Category 5E Patch Cables With Boots.....	17.23	
27 16 19 00-0038 EA 7' Category 5E Patch Cables With Boots.....	18.72	
27 16 19 00-0039 EA 10' Category 5E Patch Cables With Boots.....	27.23	
27 16 19 00-0040 EA 15' Category 5E Patch Cables With Boots.....	34.15	
27 16 19 00-0041 EA 25' Category 5E Patch Cables With Boots.....	45.39	
27 16 19 00-0042 EA 3' Category 6 Patch Cables With Boots.....	17.51	
27 16 19 00-0043 EA 5' Category 6 Patch Cables With Boots.....	21.26	
27 16 19 00-0044 EA 7' Category 6 Patch Cables With Boots.....	21.33	
27 16 19 00-0045 EA 10' Category 6 Patch Cables With Boots.....	25.44	
27 16 19 00-0046 EA 15' Category 6 Patch Cables With Boots.....	33.59	
27 16 19 00-0047 EA 25' Category 6 Patch Cables With Boots.....	42.35	
27 16 19 00-0048 EA 50' Category 6 Patch Cables With Boots.....	67.00	
27 16 19 00-0049 EA 100' Category 6 Patch Cables With Boots.....	117.06	
27 16 19 00-0050 EA 3' Category 6A Patch Cables With Boots.....	21.52	
27 16 19 00-0051 EA 5' Category 6A Patch Cables With Boots.....	22.81	
27 16 19 00-0052 EA 7' Category 6A Patch Cables With Boots.....	23.79	
27 16 19 00-0053 EA 10' Category 6A Patch Cables With Boots.....	28.14	
27 16 19 00-0054 EA 15' Category 6A Patch Cables With Boots.....	34.60	
27 16 19 00-0055 EA 25' Category 6A Patch Cables With Boots.....	42.97	
27 16 19 00-0056 EA 50' Category 6A Patch Cables With Boots.....	61.76	
27 16 19 00-0057 EA 100' Category 6A Patch Cables With Boots.....	108.00	
27 16 19 00-0058 EA 3' Category 5E Patch Cables With Plastic Arch.....	15.76	
27 16 19 00-0059 EA 5' Category 5E Patch Cables With Plastic Arch.....	17.23	
27 16 19 00-0060 EA 7' Category 5E Patch Cables With Plastic Arch.....	18.72	
27 16 19 00-0061 EA 10' Category 5E Patch Cables With Plastic Arch.....	27.23	
27 16 19 00-0062 EA 15' Category 5E Patch Cables With Plastic Arch.....	34.15	
27 16 19 00-0063 EA 25' Category 5E Patch Cables With Plastic Arch.....	45.39	
27 16 19 00-0064 EA 3' Category 6 Patch Cables With Plastic Arch.....	17.51	
27 16 19 00-0065 EA 5' Category 6 Patch Cables With Plastic Arch.....	21.26	
27 16 19 00-0066 EA 7' Category 6 Patch Cables With Plastic Arch.....	21.33	
27 16 19 00-0067 EA 10' Category 6 Patch Cables With Plastic Arch.....	25.44	
27 16 19 00-0068 EA 15' Category 6 Patch Cables With Plastic Arch.....	33.59	
27 16 19 00-0069 EA 25' Category 6 Patch Cables With Plastic Arch.....	42.35	
27 16 19 00-0070 EA 3' Category 6A Patch Cables With Plastic Arch.....	32.75	
27 16 19 00-0071 EA 5' Category 6A Patch Cables With Plastic Arch.....	34.98	
27 16 19 00-0072 EA 7' Category 6A Patch Cables With Plastic Arch.....	36.64	
27 16 19 00-0073 EA 10' Category 6A Patch Cables With Plastic Arch.....	42.04	
27 16 19 00-0074 EA 15' Category 6A Patch Cables With Plastic Arch.....	51.04	
27 16 19 00-0075 EA 25' Category 6A Patch Cables With Plastic Arch.....	65.39	

## 27 20 Data Communications (27)

### 27 21 Data Communications Network Equipment (27 20)

Note: Includes testing of new devices and certification.

#### 27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems

(27 21)

##### 27 21 16 00-0001 Fiber Optic Modems (27 21 16)

27 21 16 00-0002 EA Fiber Optic Modems, Range 6.2 Miles.....	2,069.96	231.81
27 21 16 00-0003 EA Fiber Optic Modem, Range 3.1 Miles, 12 Channel.....	4,077.91	231.81

##### 27 21 16 00-0004 Ethernet Hubs and Switches (27 21 16)

27 21 16 00-0005 EA 16 Port Managed Hub With Fiberport And Standard Management.....	4,171.82	174.15
27 21 16 00-0006 EA 16 Port Unmanaged Hub.....	604.08	116.11
27 21 16 00-0007 EA Hubbell Rebox Concentrator Enclosure, 24"W x 10"D.....	889.70	52.94
27 21 16 00-0008 EA Dual Speed Hub, 12 Position Modula Connectors For UTP Segments, Rack Mounted, 3Com 3C16610-US.....	2,200.97	52.94
27 21 16 00-0009 EA Dual Speed Hub, 24 Position Modula Connectors For UTP Segments, Rack Mounted, 3Com 3C16611-US.....	2,868.24	52.94
27 21 16 00-0010 EA Media Converter, 10/100 Base-TX to 10 Base-FL/100 Base-SX, Allied AT-MC115XL-10.....	516.09	21.18
27 21 16 00-0011 EA 2 Port 100 Base-FX Switch Module Cisco catalyst WS-X2933-XL-V.....	2,417.23	52.94
27 21 16 00-0012 EA 4 Port 10/100 Base-TX Switch Module Cisco Catalyst WS-X2914-XL-V.....	2,441.79	52.94
27 21 16 00-0013 EA 4 Port 100 Base-FX Switch Module Cisco Catalyst WS-X2924-XL-V.....	4,438.86	52.94



<b>27</b>	<b>Communications</b>
<b>27 20</b>	<b>Data Communications</b>
<b>27 21</b>	<b>Data Communications Network Equipment</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

27 21	16 00-0014	EA	24 Port 10/100 Base-TX Fast Ethernet Switch With 2 100 Base FX Ports, Cisco Catalyst WS-C2950C-24 .....	5,277.17	52.94
27 21	16 00-0015	EA	24 Port 10/100 Base-TX Fast Ethernet Switch With 2 modular expansion slots, Cisco Catalyst WS-C2924M-XL-EN.....	5,817.36	52.94
27 21	16 00-0016	EA	4 Port 10/100 Base-TX Fast Ethernet Switch With 12 Long Reach Ports, Cisco Catalyst WS-C2912-LRE-XL.....	6,590.90	52.94
27 21	16 00-0017	EA	12 Port 100 Base-FX Fast Ethernet Switch With 2 modular expansion slots, Cisco Catalyst WS-C2912MF-XL.....	15,011.58	52.94
27 21	16 00-0018	EA	12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E).....	5,772.45	116.11
27 21	16 00-0019	EA	Power Supply (Cisco PWR-IE170W-PC-AC).....	1,704.14	58.05

### 27 21 29 Data Communications Switches and Hubs (27 21)

#### 27 21 29 00-0001 Data Communications Multimedia Modular Patch Panels (27 21 29)

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0051 for modular jacks.

27 21	29 00-0002	EA	12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded.....	143.50	5.79
27 21	29 00-0003	EA	16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	158.81	5.79
27 21	29 00-0004	EA	24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	188.43	5.79
27 21	29 00-0005	EA	36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	197.52	5.79
27 21	29 00-0006	EA	48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	215.40	7.25
27 21	29 00-0007	EA	24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	205.06	5.79
27 21	29 00-0008	EA	48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	257.37	7.25
27 21	29 00-0009	EA	Rack Mount Rear Cable Management Bar.....	67.31	7.25

### 27 21 33 Data Communications Wireless Access Points (27 21)

27 21	33 00-0001	EA	Wireless LAN Access Point, Ethernet, 10 Base-T/100 Base-TX Cisco Aironet AIR-AP352E2R-A-K9 .....	2,146.41	52.94
-------	------------	----	--	----------	-------

## 27 30 Voice Communications (27)

### 27 32 Voice Communications Terminal Equipment (27 30)

Note: Includes testing of new devices and certification.

#### 27 32 13 Telephone Sets (27 32)

##### 27 32 13 00-0001 Interior Telephone Components (27 32 13)

27 32	13 00-0002	EA	Solid State Exchange Unit With Power Supply .....	7,724.33	1,059.13
27 32	13 00-0003	EA	Dial Telephone - Handset In Cabinet.....	934.55	86.58
27 32	13 00-0004	EA	Elevator Cab Telephone With Trailer Cable.....	465.41	92.83
27 32	13 00-0005	EA	Loud Ring Bell, 6".....	362.71	86.12
27 32	13 00-0006	EA	Audio/Visual Indicator.....	467.51	81.13
27 32	13 00-0007	EA	Administrative Telephone With Digital Display.....	489.15	72.79
27 32	13 00-0008	EA	Processing Unit For 16 Station System .....	2,380.19	593.77
27 32	13 00-0009	EA	Handset For 16 Station System.....	343.43	59.11
27 32	13 00-0010	EA	Handset In Cabinet, For 16 Station System.....	465.27	79.74
27 32	13 00-0011	MLF	20 Conductor Unshielded Cable, #22.....	2,969.13	1,278.06
27 32	13 00-0012	EA	Power Supply For 16 Station System .....	416.23	157.74
27 32	13 00-0013	EA	Intercom Terminal Board .....	360.65	177.56
27 32	13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC .....	433.84	157.74
27 32	13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick .....	213.85	64.80
27 32	13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep.....	680.19	142.63
27 32	13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep.....	804.49	162.11
27 32	13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep.....	976.58	191.87
27 32	13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep.....	1,156.20	207.43
27 32	13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep.....	1,819.69	236.03
27 32	13 00-0021	EA	Ring Rung 3".....	12.72	6.46
27 32	13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID .....	32.24	11.48
27 32	13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing .....	57.94	23.52

##### 27 32 13 00-0024 Interior Telephone Accessories (27 32 13)

27 32	13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete .....	12.99	6.25
27 32	13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete.....	28.42	24.11
27 32	13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete.....	70.66	26.47
27 32	13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete .....	66.72	26.47
27 32	13 00-0029	EA	Terminating Strips, Inside .....	135.42	52.94
27 32	13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete.....	59.02	27.23
27 32	13 00-0031	EA	Ready Access Closure 3 To 25 Pair .....	163.70	63.87
27 32	13 00-0032	EA	Ready Access Closure 25 To 100 Pair.....	191.84	71.39
27 32	13 00-0033	EA	Termination Block With Bracket 25 Pair.....	62.22	21.44
27 32	13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete .....	57.93	26.89
27 32	13 00-0035	EA	Interior Protected Terminal 25 Pair .....	719.56	154.85
27 32	13 00-0036	EA	Interior Protected Terminal 50 Pair .....	856.29	157.28
27 32	13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair.....	286.19	64.44
27 32	13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair.....	295.63	64.44
27 32	13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair .....	390.73	82.41
27 32	13 00-0040	EA	Pedestal 10" x 16" x 439 600 Pair.....	813.55	148.47
27 32	13 00-0041	EA	Entrance Protector Terminal 100 Pair.....	1,130.18	169.45
27 32	13 00-0042	EA	Gas Protection Module .....	17.13	5.79
27 32	13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair .....	30.28	5.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**27 32 26 Ring-Down Emergency Telephones (27 32)****27 32 26 00-0001****Emergency Telephone (27 32 26)**

Note: Includes CB3000 speakerphone, 3 auxiliary Inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant Lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.

27 32 26 00-0002	EA	Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s).....	11,546.23	475.49
Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.				
27 32 26 00-0003	EA	Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d).....	12,158.16	475.49
Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, blank stainless steel plate second opening, hard wire phone line, passive vent at top, 24V AC, and standard color.				
27 32 26 00-0004	EA	Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2).....	203.98	
27 32 26 00-0005	EA	Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K).....	305.97	
27 32 26 00-0006	EA	IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1).....	764.91	
27 32 26 00-0007	EA	IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2).....	1,040.28	
27 32 26 00-0008	EA	IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K).....	1,142.27	
27 32 26 00-0009	EA	EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option .....	20.40	
27 32 26 00-0010	EA	EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option .....	20.40	
27 32 26 00-0011	EA	Directory, Second Opening Code Blue Option .....	183.58	
27 32 26 00-0012	EA	Camera Enclosure With Color IP Camera, Second Opening Code Blue Option .....	1,937.78	
27 32 26 00-0013	EA	HID Card Reader, Second Opening Code Blue Option .....	897.50	
27 32 26 00-0014	EA	HID Card Reader And Color IP Camera, Second Opening Code Blue Option .....	2,906.67	
27 32 26 00-0015	EA	IP Wireless Communication Code Blue Option .....	6,109.11	
Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.				
27 32 26 00-0016	EA	Active Venting Code Blue Option.....	326.36	
27 32 26 00-0017	EA	Night Charge Power Code Blue Option .....	2,845.48	
Note: Requires 120V AC external power supplied to Code Blue unit.				
27 32 26 00-0018	EA	Power Transformer Kit, Alternate Incoming Power Code Blue Option.....	713.92	
27 32 26 00-0019	EA	Overhead Camera Mount Code Blue Option .....	1,621.62	
Note: Excludes camera.				
27 32 26 00-0020	EA	Custom Color For Overhead Camera Mount Code Blue Option .....	71.39	

**27 32 26 00-0021****City Police Call System (27 32 26)****27 32 26 00-0022****Components (27 32 26 00-0021)**

27 32 26 00-0023	EA	City Police Call System.....	896.28	135.14
27 32 26 00-0024	EA	Concrete Foundation For Police Department Telephone Post .....	787.08	195.76

**27 40 Audio-Video Communications (27)****27 41 Audio-Video Systems (27 40)****27 41 16 Integrated Audio-Video Systems and Equipment (27 41)**

Note: Includes testing of new devices and certification.

**27 41 16 00-0001****Television Distribution System (27 41 16)**

See CSI section 26 05 13 16-0001 for basic wiring, 26 05 19 16-0308 for basic wiring.

**27 41 16 00-0002****Mounted Television Support (27 41 16 00-0001)**

27 41 16 00-0003	EA	Ceiling Mounted Television Support, 19" To 20".....	480.84	130.03
27 41 16 00-0004	EA	Ceiling Mounted Television Support, 19" To 20" With Rack .....	626.81	145.12
27 41 16 00-0005	EA	Ceiling Mounted Television Support, 25" To 27".....	503.48	130.03
27 41 16 00-0006	EA	Ceiling Mounted Television Support, 25" To 27" With Rack .....	649.46	145.12
27 41 16 00-0007	EA	Wall Mounted Television Support, 13".....	381.48	104.49
27 41 16 00-0008	EA	Wall Mounted Television Support, 13" With Rack .....	527.43	116.11
27 41 16 00-0009	EA	Wall Mounted Television Support, 19" To 20".....	411.19	104.49
27 41 16 00-0010	EA	Wall Mounted Television Support, 19" To 20" With Rack .....	557.14	116.11
27 41 16 00-0011	EA	Wall Mounted Television Support, 25" To 27".....	440.91	104.49
27 41 16 00-0012	EA	Wall Mounted Television Support, 25" To 27" With Rack .....	586.86	116.11

**27 41 16 00-0013****Distribution System (27 41 16 00-0001)**

See CSI section 26 05 13 16-0001 for wire and cabling.

**27 41 16 00-0014****TV Distribution Rack (27 41 16 00-0013)**

27 41 16 00-0015	EA	Steel Rack Cabinet With Shelves .....	1,758.62	213.14
27 41 16 00-0016	EA	Switch And Pilot Light .....	260.45	94.69
27 41 16 00-0017	LF	Surface Raceway With Outlets .....	30.83	12.87
27 41 16 00-0018	EA	Service Label.....	36.05	17.73

<b>27</b>	<b>Communications</b>
<b>27 40</b>	<b>Audio-Video Communications</b>
<b>27 41</b>	<b>Audio-Video Systems</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0019			<b>Head End Amplifier</b> (27 41 16 00-0013)		
27 41 16 00-0020	EA		Head End Amplifier .....	1,173.35	141.87
27 41 16 00-0021			<b>UHF In-Line Booster Amplifier And Power Supply</b> (27 41 16 00-0013)		
27 41 16 00-0022	EA		UHF In-Line Booster .....	672.61	141.87
27 41 16 00-0023			<b>Preamplifiers</b> (27 41 16 00-0013)		
27 41 16 00-0024	EA		VHF Preamplifier .....	848.94	141.87
27 41 16 00-0025	EA		UHF Preamplifier .....	672.61	141.87
27 41 16 00-0026			<b>Power Supplies</b> (27 41 16 00-0013)		
27 41 16 00-0027	EA		Common Power Supply .....	1,212.77	202.72
27 41 16 00-0028			<b>Line Splitter And Mixer</b> (27 41 16 00-0013)		
27 41 16 00-0029	EA		Line Splitter .....	98.49	47.29
27 41 16 00-0030	EA		Two-Way Splitter .....	112.53	47.29
27 41 16 00-0031	EA		Frequency Filter .....	257.02	71.04
27 41 16 00-0032	EA		Line Splitter And Mixer .....	301.21	104.31
27 41 16 00-0033			<b>Power Line Filters</b> (27 41 16 00-0013)		
27 41 16 00-0034	EA		120-Volt Power Supply Line Filter .....	507.28	94.69
27 41 16 00-0035			<b>Wall Box And Receiver Outlets</b> (27 41 16 00-0013)		
27 41 16 00-0036	EA		Wall Box With Lockable Cover, Excluding Outlet Plug .....	257.02	71.04
27 41 16 00-0037	EA		TV Receiver Outlet Plug .....	112.53	47.29
27 41 16 00-0038	EA		TV Camera Outlet Plug .....	112.53	47.29
27 41 16 00-0039	EA		Audio Outlet Plug .....	94.94	47.29
27 41 16 00-0040	EA		12 Ft RG 6U Cable With G-59 And TV Set Fittings .....	198.72	94.69
27 41 16 00-0041	EA		Male Plug PL-259 .....	112.53	47.29
27 41 16 00-0042	EA		Wall Box And Receiver Outlet Television Outlets .....	130.28	49.60
<b>27 41 33</b>			<b>Master Antenna Television Systems</b> (27 41)		
27 41 33 00-0001			<b>Antenna Systems</b> (27 41 33)		
27 41 33 00-0002			<b>Antenna</b> (27 41 33 00-0001)		
27 41 33 00-0003	EA		Amateur Radio Antenna .....	1,108.43	173.85
27 41 33 00-0004	EA		Multi-Band Radio Antenna .....	855.85	173.85
27 41 33 00-0005			<b>Receptacles</b> (27 41 33 00-0001)		
27 41 33 00-0006	EA		Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter .....	239.41	71.04
27 41 33 00-0007	EA		Multi-Band Radio Antenna System Receptacle With Mating Plugs .....	239.41	71.04
<b>27 50</b>			<b>Distributed Communications and Monitoring Systems</b> (27)		
<b>27 51</b>			<b>Distributed Audio-Video Communications Systems</b> (27 50)		
<b>27 51 17</b>			<b>Video Intercom and Exterior Gate Control System</b> (27 51)		
27 51 17 00-0001			<b>Video Intercom And Exterior Gate Control System</b> (27 51 17)		
27 51 17 00-0002	EA		Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW) .....	1,531.77	145.12
27 51 17 00-0003	EA		Audio Video Master Control Station (Aiphone AX-8MV) .....	1,227.03	145.12
27 51 17 00-0004	EA		16-call Add-on Selector For AX Masters (Aiphone AX-16SW) .....	501.88	145.12
27 51 17 00-0005	EA		Central Exchange Unit (Aiphone AX-084C) .....	1,469.88	72.56
27 51 17 00-0006	EA		Central Exchange Unit (Aiphone AX-248C) .....	2,007.40	72.56
27 51 17 00-0007	EA		Touch Tone Programmable Dialer (Viking K-1900-5) .....	147.69	29.03
27 51 17 00-0008	EA		Surface Mount Audio/Video Door Station (Aiphone IX-DV) .....	1,063.22	29.03
27 51 17 00-0009	EA		Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF) .....	1,463.23	29.03
27 51 17 00-0010	EA		Surface Mount Audio/Video Door Station (Aiphone AX-DV) .....	471.42	29.03
27 51 17 00-0011	EA		Flush Mount Audio/Video Door Station (Aiphone AX-DVF) .....	532.09	29.03
27 51 17 00-0012	EA		12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL) .....	143.30	14.51
			Note: UL Listed		
27 51 17 00-0013	EA		24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL) .....	156.01	14.51
			Note: UL Listed		
27 51 17 00-0014	EA		IP Video Master Station (Aiphone IX-MV) .....	1,875.63	145.12
27 51 17 00-0015	EA		Handset Only For IX-MV (Aiphone 285999) .....	64.06	5.80
27 51 17 00-0016	EA		Hands Free Sub Master Video Monitor (Aiphone JF-2HD) .....	782.62	145.12
27 51 17 00-0017	EA		Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P) .....	759.22	29.03
27 51 17 00-0018	EA		Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF) .....	227.35	29.03
27 51 17 00-0019	EA		Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF) .....	254.16	29.03



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 17 00-0020 EA Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVF/A).....	310.00	43.53
27 51 17 00-0021 EA Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880).....	68.27	14.51
<b>27 51 23 Intercommunications and Program Systems (27 51)</b>		
<b>27 51 23 50 Educational Intercommunications and Program Systems (27 51 23)</b>		
<b>27 51 23 50-0001 Miscellaneous Power Pack Units (27 51 23 50)</b>		
27 51 23 50-0002 EA Power Pack Unit.....	2,342.74	354.78
27 51 23 50-0003 EA Master Panel.....	5,867.00	1,433.03
27 51 23 50-0004 EA Power Supply, 10 A.....	496.32	141.87
27 51 23 50-0005 EA AC Power Supply, 10 A.....	443.42	141.87
27 51 23 50-0006 EA 75 A Binding Post.....	299.28	129.23
27 51 23 50-0007 EA Fixed 6.3 V AC Power Supply, 10 A.....	404.79	118.22
27 51 23 50-0008 EA Variable Auto-Transformer.....	403.73	63.63
27 51 23 50-0009 EA Pilot Light Assembly.....	76.09	14.25
27 51 23 50-0010 EA Power Supply Rack.....	730.91	177.56
27 51 23 50-0011 EA Patch Cord, 4 Foot, #16 With Connections.....	26.30	10.54
27 51 23 50-0012 EA Illuminated Meter Panel With Metering.....	1,148.68	141.87
27 51 23 50-0013 EA Meter Connection Panel.....	903.20	337.05
27 51 23 50-0014 Intercom And Teacher Activated Security System (27 51 23 50)		
27 51 23 50-0015 Central Control Rack (27 51 23 50-0014)		
27 51 23 50-0016 Cabinet (27 51 23 50-0015)		
27 51 23 50-0017 EA Cabinet.....	810.15	215.35
27 51 23 50-0018 Central Switching Exchange (27 51 23 50-0015)		
27 51 23 50-0019 EA Microprocessor Panel.....	5,867.00	1,433.03
27 51 23 50-0020 EA Autotrol Panel.....	2,922.26	709.56
27 51 23 50-0021 EA Multiplexer Panel.....	1,637.48	354.78
27 51 23 50-0022 EA Multifunction Panel.....	1,521.57	283.85
27 51 23 50-0023 DC Regulated Power Supply (27 51 23 50-0015)		
27 51 23 50-0024 EA DC Regulated Power Supply.....	584.45	141.87
27 51 23 50-0025 AM - FM Tuner (27 51 23 50-0015)		
27 51 23 50-0026 EA AM - FM Tuner.....	821.25	71.04
27 51 23 50-0027 Channel 'A' Control Panel (27 51 23 50-0015)		
27 51 23 50-0028 EA Control Panel.....	1,924.48	141.87
27 51 23 50-0029 EA Pre-Amplifier.....	1,113.42	141.87
27 51 23 50-0030 Channel 'B' Control Panel (27 51 23 50-0015)		
27 51 23 50-0031 EA Control Panel.....	1,642.38	141.87
27 51 23 50-0032 EA Pre-Amplifier.....	1,113.42	141.87
27 51 23 50-0033 Speaker Selector Panel (27 51 23 50-0015)		
27 51 23 50-0034 EA Selector Panel.....	5,161.71	1,433.03
27 51 23 50-0035 Local Sound System Control Panel (27 51 23 50-0015)		
27 51 23 50-0036 EA Local Sound System Control Panel.....	468.60	71.04
27 51 23 50-0037 Power Amplifier (27 51 23 50-0015)		
27 51 23 50-0038 EA Power Amplifier.....	1,230.31	71.04
27 51 23 50-0039 Microphone, Tape And Phone Receptacle Input Panel (27 51 23 50-0015)		
27 51 23 50-0040 EA Input Panel, Complete.....	760.77	141.87
27 51 23 50-0041 Blank Panels (27 51 23 50-0015)		
27 51 23 50-0042 EA Blank Panels.....	99.54	17.73
27 51 23 50-0043 Principals Signal Button (27 51 23 50-0015)		
27 51 23 50-0044 EA Principals Signal Button.....	99.54	17.73

**27 Communications****27 50 Distributed Communications and Monitoring Systems****27 51 Distributed Audio-Video Communications Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50-0045			<b>Sound Motion Picture Modification</b> (27 51 23 50-0015)		
27 51 23 50-0046	EA		Matching Transformer.....	1,526.53	71.04
27 51 23 50-0047	EA		Relay.....	110.88	35.46
27 51 23 50-0048			<b>Emergency Sound Alarm System</b> (27 51 23 50-0014)		
27 51 23 50-0049	EA		Coded Tone Signal Amplifier.....	1,642.38	141.87
27 51 23 50-0050			<b>Loudspeakers</b> (27 51 23 50-0014)		
27 51 23 50-0051			<b>Cost Adjustments</b> (27 51 23 50-0050)		
27 51 23 50-0052	EA		Modifier Cost To Add Talk Back/ Listen.....	816.25	283.85
27 51 23 50-0053	EA		Modifier Cost To Add Steel Guard.....	527.94	215.35
27 51 23 50-0054			<b>Privacy/Call-In Switch</b> (27 51 23 50-0014)		
27 51 23 50-0055	EA		Mount In New Wall.....	221.77	71.04
27 51 23 50-0056	EA		Mount On Existing Wall.....	181.43	35.46
27 51 23 50-0057			<b>Local Volume Controls</b> (27 51 23 50-0014)		
27 51 23 50-0058	EA		Typical Control For Speaker Circuits - Complete.....	242.80	94.69
27 51 23 50-0059	EA		Volume/Mixing Control For Amplifier.....	690.23	141.87
27 51 23 50-0060	EA		Special Mixing Control Box For Music Room - Band Practice Room (Excluding Cable).....	736.44	354.78
27 51 23 50-0061	EA		Principal's And General Office Sound Control (Excludes Cable).....	528.02	236.91
27 51 23 50-0062			<b>Microphone</b> (27 51 23 50-0014)		
27 51 23 50-0063	EA		Announcement Type (Offices Only).....	184.69	43.46
27 51 23 50-0064	EA		General Purpose Type.....	184.69	43.46
27 51 23 50-0065	EA		Play Yard Type (Outside).....	272.35	57.95
27 51 23 50-0066	EA		25' Cord With Plug Ends.....	69.98	17.39
27 51 23 50-0067	EA		Flush Mount Box With Receptacle.....	203.90	91.33
27 51 23 50-0068	LF		Microphone Cable Heavy-Duty.....	4.10	0.44
27 51 23 50-0069	EA		Connector Plug.....	151.19	86.93
27 51 23 50-0070	EA		Single Microphone Receptacle With Stainless Steel Face Plate, Ref. P. 19.69.....	176.57	91.33
27 51 23 50-0071	EA		Duplex Microphone Receptacle With Stainless Steel Face Plate, Ref. P. 19.69.....	224.29	115.91
27 51 23 50-0072	EA		Desk Stand.....	64.43	17.39
27 51 23 50-0073	EA		Play Yard Stand.....	154.44	21.79
27 51 23 50-0074	EA		Reading Stand Microphone Holder With Flex Cable.....	155.57	34.77
27 51 23 50-0075			<b>CD Player</b> (27 51 23 50-0014)		
27 51 23 50-0076	EA		Portable CD Player With Signal Cable Assembly And Power Cord.....	725.52	141.87
27 51 23 50-0077			<b>Cable</b> (27 51 23 50-0014)		
27 51 23 50-0078	LF		Intercom Cable.....	1.97	0.74
27 51 23 50-0079	LF		Loudspeaker Cable.....	0.89	0.27
27 51 23 50-0080	LF		Administrative Cable.....	3.33	0.95
27 51 23 50-0081	LF		Microphone Cable.....	1.41	0.49
27 51 23 50-0082	EA		Solderless Connector.....	20.31	11.82
27 51 23 50-0083			<b>Antenna</b> (27 51 23 50-0014)		
27 51 23 50-0084	EA		Radio Antenna.....	704.37	215.35
27 51 23 50-0085	EA		Mast With Mounting Hardware Assembly.....	569.42	283.85
27 51 23 50-0086	EA		Transmission Line Cable.....	2,979.08	1,182.68
27 51 23 50-0087			<b>Pilot Lights</b> (27 51 23 50-0014)		
27 51 23 50-0088	EA		Pilot Light Mounted As Specified.....	247.67	141.87
27 51 23 50-0089			<b>Equipment For Motion Picture Projector</b> (27 51 23 50-0014)		
27 51 23 50-0090	EA		Female Plug.....	267.04	141.87
27 51 23 50-0091			<b>Signal Generator</b> (27 51 23 50-0014)		
27 51 23 50-0092	EA		Transistorized Signal Generator.....	672.61	141.87
27 51 23 50-0093			<b>Language Laboratory Equipment</b> (27 51 23 50)		
27 51 23 50-0094			<b>Teachers Console</b> (27 51 23 50-0093)		
27 51 23 50-0095	EA		Console Desk With Locking Drawers And Doors.....	5,521.01	141.87





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 23 50-0096 EA Master Tape Playback.....	997.49	71.04
27 51 23 50-0097 EA Master Tape Recorder.....	1,173.83	71.04
27 51 23 50-0098 EA Master Phonograph.....	644.87	71.04
27 51 23 50-0099 EA Teachers Control Amplifier Monitor Panel.....	1,284.74	354.78
27 51 23 50-0100 EA Student Switch Panels.....	380.45	71.04
27 51 23 50-0101 EA AC Power Panel With Switch For Solenoid Release.....	1,289.68	141.87
27 51 23 50-0102 EA Teachers Amplifier.....	1,289.68	141.87
27 51 23 50-0103 EA Student Audio Active Amplifier With Program And Volume Control.....	1,994.87	141.87
27 51 23 50-0104 EA Teacher's Boom Microphone - Headset Combination.....	1,113.34	141.87
27 51 23 50-0105 EA Centralized Power Supply.....	1,874.06	283.85
27 51 23 50-0106 EA Master Program Distribution Panel.....	3,979.96	709.56
27 51 23 50-0107 EA On-Off Panel For Entire Lab.....	1,461.05	354.78
27 51 23 50-0108 EA Master CD Player.....	1,426.87	
<b>27 51 23 50-0109 Student Positions</b> (27 51 23 50-0093)		
27 51 23 50-0110 EA Multi-Purpose Table With Electronic Latches.....	1,521.48	283.85
27 51 23 50-0111 EA Cassette Recorder.....	380.45	71.04
27 51 23 50-0112 EA Boom Microphone Headset Combination With Amplifier And 5' Cable.....	1,409.60	215.35
<b>27 51 43 Sound Reinforcement</b> (27 51)		
Note: Includes testing of new devices and certification.		
<b>27 51 43 00-0001 Amplifiers</b> (27 51 43)		
27 51 43 00-0002 EA 10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10).....	552.22	116.11
27 51 43 00-0003 EA 35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35).....	792.12	116.11
27 51 43 00-0004 EA 60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60).....	946.11	116.11
27 51 43 00-0005 EA 100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100).....	1,055.97	116.11
27 51 43 00-0006 EA 150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150).....	1,322.19	116.11
27 51 43 00-0007 EA 250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250).....	1,720.30	116.11
27 51 43 00-0008 EA Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK).....	67.96	5.80
<b>27 51 43 00-0009 Splitters</b> (27 51 43)		
27 51 43 00-0010 EA 24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE).....	3,464.93	86.93
27 51 43 00-0011 EA 1-in/11-out Splitter (Doug Fleenor DMX).....	3,123.73	86.93
<b>27 51 43 00-0012 Speakers</b> (27 51 43)		
27 51 43 00-0013 EA 8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W).....	208.65	31.06
27 51 43 00-0014 EA 8" Steel Baffle (Atlas Sound 51-8).....	69.03	5.79
27 51 43 00-0015 EA T-Bar Support (Atlas Sound EZ95-8).....	77.41	5.79
27 51 43 00-0016 EA 8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408).....	122.30	5.79
27 51 43 00-0017 EA Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA).....	110.71	10.43
27 51 43 00-0018 EA PA Speakers, 30 Watt Cone Wall Type.....	956.86	77.89
27 51 43 00-0019 EA PA Speakers, 15 Watt Cone Wall Type.....	499.40	77.66
<b>27 51 43 00-0020 Accessories</b> (27 51 43)		
27 51 43 00-0021 EA Microphone And Stand For Audio/Video System (Bogen MBS-1000A).....	333.67	14.51
27 51 43 00-0022 EA 5 Disk CD Player For Audio/Video System (Bogen DCM290-P).....	753.66	14.51
27 51 43 00-0023 EA Weather Proof Horn For Audio/Video System (Bogen SPT5A).....	185.51	29.03
27 51 43 00-0024 EA Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A).....	348.89	29.03
27 51 43 00-0025 EA Headset Microphone For Audio/Video System (Audio Technica Pro8Hex).....	253.37	28.98
27 51 43 00-0026 EA Microphone Jack For Audio/Video System.....	113.92	29.03
27 51 43 00-0027 EA Terminal Cabinet For Audio/Video System (Atlas 121-18).....	990.90	116.11
27 51 43 00-0028 EA Volume Control For Audio/Video System (Bogen AT10A).....	108.63	29.03
27 51 43 00-0029 EA Round Bridge for 8" (S86/S810) Recessed Speakers (Bogen Communications TB8).....	74.36	29.03
<b>27 51 43 00-0030 PBC Audio And Video</b> (27 51 43)		
Note: Includes assembly and installation of rack, sound system, plasma/sMART system, control system, cabling, alignment, testing, and all training. See CSI section 26 05 13 16-0001 for additional wiring.		
<b>27 51 43 00-0031 Video</b> (27 51 43 00-0030)		
27 51 43 00-0032 EA Chief Flat Wall Mount, PLP-2043.....	670.04	11.61
27 51 43 00-0033 EA EXTRON CrossPoint 450 Plus Matrix Switcher 8x4, 60-337-11.....	6,129.48	11.61
27 51 43 00-0034 EA Interlink Wireless Mouse and Keyboard, VP6241.....	670.04	11.61
27 51 43 00-0035 EA JVC VCR/DVD Player with RS232 Control, SR-MV55.....	1,846.64	11.61
27 51 43 00-0036 EA Kramer Video Scalar, VP413.....	582.97	11.61
27 51 43 00-0037 EA Kramer VP413 Rack Mount Kit, RKT1.....	126.45	11.61
27 51 43 00-0038 EA LG Electronics 42" LCD HDTV 1080P With Speakers, 42LG50.....	3,075.02	11.61
27 51 43 00-0039 EA NEC 60" Plasma Display, 60XC10.....	8,576.82	11.61
27 51 43 00-0040 EA Omnimount Architectural Cantilever Wall Mount, UCL-L.....	870.06	11.61
27 51 43 00-0041 EA Sharp AQUOS 50" LCD, LC52D64U.....	4,164.55	11.61
27 51 43 00-0042 EA SMART Technologies Touch Screen Overlay, PP360.....	9,456.92	11.61
27 51 43 00-0043 EA Toshiba DVD-R, DR400.....	380.60	11.61
<b>27 51 43 00-0044 Sound</b> (27 51 43 00-0030)		

<b>27</b>	<b>Communications</b>
<b>27 50</b>	<b>Distributed Communications and Monitoring Systems</b>
<b>27 51</b>	<b>Distributed Audio-Video Communications Systems</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 43 00-0045	EA		BiAmp 250 Watt 1 Channel With Distribution Amplifier, MPA250 .....	1,453.66	11.61
27 51 43 00-0046	EA		BiAmp Nexia CS Processor/Mixer With Echo Cancellation, NEXI-CS .....	3,831.19	11.61
27 51 43 00-0047	EA		EAW In Ceiling Speakers (Include Back Cans And Mounting Hardware), CIS400 .....	298.23	11.61
27 51 43 00-0048	EA		Shure P2M Omni-Directional Microphone, MX393/C .....	554.73	11.61
<b>27 51 43 00-0049</b>			<b>Rack</b> (27 51 43 00-0030)		
27 51 43 00-0050	EA		Furman Power Conditioner, PL-8II .....	340.59	11.61
27 51 43 00-0051	EA		Lace Bars, LR4 .....	153.51	11.61
27 51 43 00-0052	EA		Middle Atlantic 20 Amp 24 Outlet Power Conditioner, PD-2420SC-NS .....	295.41	11.61
27 51 43 00-0053	EA		Middle Atlantic 24RU Presentation Enclosure System, WRK-24MDK .....	1,608.83	11.61
27 51 43 00-0054	EA		Middle Atlantic 4 Fan Assembly, MW-4FT-380CFM .....	614.74	11.61
27 51 43 00-0055	EA		Middle Atlantic 40RU 25" Deep Floor Rack, WRK-40SA-27 .....	895.80	11.61
27 51 43 00-0056	EA		Middle Atlantic 44RU 25" Deep Floor Rack, WRK-44SA-27 .....	2,072.41	11.61
27 51 43 00-0057	EA		Middle Atlantic Locking Plexiglas Door, PDF-44 .....	920.54	11.61
27 51 43 00-0058	EA		Middle Atlantic Rack Rails, WRK-RR24 .....	182.93	11.61
27 51 43 00-0059	EA		Middle Atlantic Rack Rails, WRK-RR40 .....	207.63	11.61
27 51 43 00-0060	EA		Middle Atlantic Rack Rails, WRK-RR44 .....	230.46	11.61
27 51 43 00-0061	EA		Middle Atlantic Vented Shelf, UTR1 .....	97.34	11.61
27 51 43 00-0062	EA		Miscellaneous RU Blanks, MISC-BLANKS .....	152.33	11.61
<b>27 51 43 00-0063</b>			<b>Control</b> (27 51 43 00-0030)		
27 51 43 00-0064	EA		Crestron 232 Dual Module Expander, ST-COM .....	1,034.79	11.61
27 51 43 00-0065	EA		Crestron 75 Watt Power Supply, CNPWS-75 .....	681.81	11.61
27 51 43 00-0066	EA		Crestron Control Processor, CP2E .....	2,587.90	11.61
27 51 43 00-0067	EA		Crestron Dual Power Control, ST-PC .....	470.02	11.61
27 51 43 00-0068	EA		Crestron High Powered RF Gateway, CEN(I)-HPRFGW .....	940.66	11.61
27 51 43 00-0069	EA		Crestron Hub, CN2-HBLOCK .....	470.02	11.61
27 51 43 00-0070	EA		Crestron Isys 5.7" Wireless Touchpanel, TPS-6X .....	4,564.60	11.61
27 51 43 00-0071	EA		Crestron Rack Mount Kit, ST-RMK .....	258.23	11.61
27 51 43 00-0072	EA		IR Bud, 283M .....	69.97	11.61
27 51 43 00-0073	EA		Programming Of Crestron Control System, PROGRAMM .....	5,769.88	
<b>27 51 43 00-0074</b>			<b>Video Conferencing</b> (27 51 43 00-0030)		
27 51 43 00-0075	EA		Polycom Mag Share, 8200-50649-001 .....	1,517.20	11.61
27 51 43 00-0076	EA		Polycom Multi Point, 5150-21297-001 .....	5,574.92	11.61
27 51 43 00-0077	EA		Polycom Phone Addition, 2200-82201-001 .....	1,874.88	11.61
27 51 43 00-0078	EA		Polycom Vortex EF2280, 2200-12280-001 .....	8,634.09	11.61
27 51 43 00-0079	EA		Polycom VSX 7000 Video Conferencing System With People Plus Content, 7200-21960-001 .....	14,517.11	11.61
27 51 43 00-0080	EA		Polycom VSX8000 Codec, 2200-21400-001 .....	26,730.26	11.61
27 51 43 00-0081	EA		Polycom/Vaddio Camera Wall Mount, 535-2000-204 .....	159.39	11.61
27 51 43 00-0082	EA		Polycom/Vaddio Robotic Camera, 9992000-100 .....	2,305.52	11.61
<b>27 51 43 00-0083</b>			<b>Cables</b> (27 51 43 00-0030)		
27 51 43 00-0084	EA		75' 22 Gauge By 3 Wire, 22GAX3-75 .....	122.92	11.61
27 51 43 00-0085	EA		75' 16 Gauge By 2 Speaker Wire, SKW-75 .....	134.69	11.61
27 51 43 00-0086	EA		150' 16 Gauge By 2 Speaker Wire, SKW-150 .....	222.93	11.61
27 51 43 00-0087	EA		Linksys 8 Port 10/100 Switch, SD208 .....	134.69	11.61
27 51 43 00-0088	EA		RS232 Adapter/Amplifier, RS232-EXTENDER .....	326.47	11.61
27 51 43 00-0089	EA		USB To Cat5 Extender Kit, USB-C5EXT .....	260.58	11.61
27 51 43 00-0090	EA		Xantech IR Extension Kit, 291KIT .....	239.40	11.61

## 27 53 Distributed Systems (27 50)

### 27 53 13 Clock Systems (27 53)

#### 27 53 13 13 Wireless Clock Systems (27 53 13)

##### 27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) (27 53 13 13)

##### 27 53 13 13-0002 Master Clock (Sapling SMA 2000 Series) (27 53 13 13-0001)

Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.

27 53 13 13-0003	EA		Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1) .....	8,199.99	86.93
27 53 13 13-0004	EA		Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1) .....	8,672.11	86.93
27 53 13 13-0005	EA		Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1) .....	4,659.04	86.93
27 53 13 13-0006	EA		Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1) .....	5,131.17	86.93
27 53 13 13-0007	EA		NTP Server Upgrade (Sapling SMA-000-SERV-0) .....	3,231.40	

##### 27 53 13 13-0008 Wireless Repeaters (Sapling) (27 53 13 13-0001)

27 53 13 13-0009	EA		Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1) .....	1,998.79	57.95
27 53 13 13-0010	EA		Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1) .....	2,240.48	57.95



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>27 53 13 13-0011</b>	<b>Wireless Round Analog Clocks (Sapling SAL-4 Series) <small>(27 53 13 13-0001)</small></b>	
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012 EA	Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0).....	430.08 28.98
27 53 13 13-0013 EA	Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0).....	269.92 28.98
27 53 13 13-0014 EA	Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0).....	515.15 28.98
27 53 13 13-0015 EA	Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0).....	305.25 28.98
<b>27 53 13 13-0016</b>	<b>Wireless GPS Accesories (Sapling) <small>(27 53 13 13-0001)</small></b>	
27 53 13 13-0017 EA	GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1).....	81.91 23.18
27 53 13 13-0018 EA	Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1).....	117.45 23.18
27 53 13 13-0019 EA	GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1).....	1,034.48 50.71
27 53 13 13-0020 EA	GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1).....	1,841.35 72.44
27 53 13 13-0021 EA	GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1).....	647.77 5.79
<b>27 53 13 13-0022</b>	<b>2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) <small>(27 53 13 13)</small></b>	
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Minimum Quantity Required Per System order for SLDG-32S-256-4R. (25) Clock Minimum Quantity Required Per System order for SLDG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		
27 53 13 13-0023 EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SLDG-32S-256-4R).....	1,361.22 86.93
27 53 13 13-0024 EA	3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SLDG-32S-256-1R).....	1,392.60 86.93
27 53 13 13-0025 EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SLDG-33S-256-4R).....	1,670.44 86.93
27 53 13 13-0026 EA	3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SLDG-33S-256-1R).....	1,701.82 86.93
27 53 13 13-0027 EA	Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0).....	181.32 23.18
27 53 13 13-0028 EA	Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0).....	181.32 23.18
27 53 13 13-0029 EA	Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP).....	32.31
27 53 13 13-0030 EA	USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1).....	260.26 2.90
27 53 13 13-0031 EA	Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0).....	520.54 5.79
27 53 13 13-0032 EA	Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0).....	94.65 2.90
27 53 13 13-0033 EA	Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1).....	18.93 0.58
27 53 13 13-0034 EA	Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0).....	118.23 5.79
<b>27 53 13 13-0035</b>	<b>2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series) <small>(27 53 13 13)</small></b>	
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036 EA	Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1).....	6,803.71 86.93
27 53 13 13-0037 EA	Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1).....	9,368.80 86.93
27 53 13 13-0038 EA	Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0).....	2,999.93 57.95
27 53 13 13-0039 EA	Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1).....	1,719.09 57.95
27 53 13 13-0040 EA	NTP Server Upgrade (Sapling SMA-000-SERV-0).....	3,231.40
27 53 13 13-0041 EA	Countdown Feature Upgrade (Sapling SMA-000-CDOW-0).....	1,599.54
<b>27 53 13 13-0042</b>	<b>Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) <small>(27 53 13 13)</small></b>	
Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant between the cover and wall is recommended.		
27 53 13 13-0043 EA	Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12).....	436.14 14.48
27 53 13 13-0044 EA	Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25).....	436.14 14.48
<b>27 53 13 13-0045</b>	<b>Wire Guards For Wireless Synchronized Clocks (Sapling) <small>(27 53 13 13)</small></b>	
27 53 13 13-0046 EA	Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200).....	240.48 14.48
27 53 13 13-0047 EA	Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017).....	335.84 14.48

**27 Communications****27 50 Distributed Communications and Monitoring Systems****27 53 Distributed Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0048			<b>Wireless Synchronized Clock Transmitters</b> (27 53 13 13)		
27 53 13 13-0049			<b>Analog, Wireless Synchronized Clocks (Primex Traditional Series)</b> (27 53 13 13-0048)		
27 53 13 13-0050	EA		12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	310.55	28.98
			<i>For &gt;100 To 250, Deduct</i>	-54.14	
			<i>For &gt;250, Deduct</i>	-64.25	
27 53 13 13-0051	EA		12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock.....	563.15	28.98
			<i>For &gt;100 To 250, Deduct</i>	-36.46	
			<i>For &gt;250, Deduct</i>	-44.04	
27 53 13 13-0052	EA		16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	362.81	28.98
			<i>For &gt;100 To 250, Deduct</i>	-63.55	
			<i>For &gt;250, Deduct</i>	-75.74	
27 53 13 13-0053	EA		12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock.....	354.10	28.98
			<i>For &gt;100 To 250, Deduct</i>	-61.98	
			<i>For &gt;250, Deduct</i>	-73.83	
27 53 13 13-0054	EA		12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock.....	650.25	28.98
			<i>For &gt;100 To 250, Deduct</i>	-41.25	
			<i>For &gt;250, Deduct</i>	-50.13	
27 53 13 13-0055	EA		16", Electric, Single Sided, Analog, Wireless Synchronized Clock.....	406.36	28.98
			<i>For &gt;100 To 250, Deduct</i>	-47.00	
			<i>For &gt;250, Deduct</i>	-60.93	
27 53 13 13-0056			<b>Digital, Wireless Synchronized Clocks (Primex Digital Series)</b> (27 53 13 13-0048)		
27 53 13 13-0057			<b>4-Digit, Digital, Wireless Synchronized Clocks</b> (27 53 13 13-0056)		
27 53 13 13-0058	EA		2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	458.63	28.98
			<i>For Green LED, Add</i>	40.07	
			<i>For &gt;100 To 250, Deduct</i>	-40.73	
			<i>For &gt;250, Deduct</i>	-60.76	
27 53 13 13-0059	EA		2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	859.30	28.98
			<i>For Green LED, Add</i>	80.14	
			<i>For &gt;100 To 250, Deduct</i>	-88.81	
			<i>For &gt;250, Deduct</i>	-225.04	
27 53 13 13-0060	EA		4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	510.89	28.98
			<i>For Green LED, Add</i>	45.29	
			<i>For &gt;100 To 250, Deduct</i>	-29.06	
			<i>For &gt;250, Deduct</i>	-42.64	
27 53 13 13-0061	EA		4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	963.83	28.98
			<i>For Green LED, Add</i>	90.59	
			<i>For &gt;100 To 250, Deduct</i>	-81.14	
			<i>For &gt;250, Deduct</i>	-253.26	
27 53 13 13-0062			<b>6-Digit, Digital, Wireless Synchronized Clocks</b> (27 53 13 13-0056)		
27 53 13 13-0063	EA		2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	510.89	28.98
			<i>For Green LED, Add</i>	45.29	
			<i>For &gt;100 To 250, Deduct</i>	-33.58	
			<i>For &gt;250, Deduct</i>	-48.08	
27 53 13 13-0064	EA		2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	963.83	28.98
			<i>For Green LED, Add</i>	90.59	
			<i>For &gt;100 To 250, Deduct</i>	-72.99	
			<i>For &gt;250, Deduct</i>	-171.73	
27 53 13 13-0065	EA		2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock.....	597.99	28.98
			<i>For Green LED, Add</i>	54.00	
			<i>For &gt;100 To 250, Deduct</i>	-27.57	
			<i>For &gt;250, Deduct</i>	-41.08	
27 53 13 13-0066			<b>Wire Guards For Wireless Synchronized Clocks</b> (27 53 13 13-0048)		
27 53 13 13-0067	EA		18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks.....	159.64	14.48
27 53 13 13-0068	EA		Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks.....	72.53	14.48
27 53 13 13-0069	EA		Digital Clock Wire Guard For 4" Wireless Synchronized Clocks.....	81.24	14.48
27 53 13 13-0070			<b>Wireless Synchronized Clock Transmitters</b> (27 53 13 13-0048)		
			Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071	EA		Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000).....	3,475.07	86.93
			<i>For Roof Mounted GPS Receiver, Add</i>	503.57	
27 53 13 13-0072	EA		External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E).....	5,661.37	86.93
			Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
			<i>For Roof Mounted GPS Receiver, Add</i>	722.20	
27 53 13 13-0073	EA		Repeater, Satellite Transmitter (Primex 14006).....	3,417.13	57.95
			Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.		
27 53 13 13-0074			<b>Accessories For Wireless Synchronized Clock Transmitters</b> (27 53 13 13-0048)		
27 53 13 13-0075	EA		External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters.....	307.67	23.18
27 53 13 13-0076	EA		Transmitter Rack For Wireless Synchronized Clock Transmitters.....	136.95	23.18
27 53 13 13-0077	EA		Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters.....	206.70	11.59



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0078 EA 50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	174.67	28.98
27 53 13 13-0079 EA 100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	243.72	43.46
27 53 13 13-0080 EA 200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	359.80	57.95
<b>27 53 13 16 Wired Clock Systems (27 53 13)</b>		
27 53 13 16-0001 Wired Self-Corrective Clock Systems (27 53 13 16)		
27 53 13 16-0002 Wired Self-Corrective Clocks (27 53 13 16-0001)		
27 53 13 16-0003 Analog, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)		
27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0005 EA 12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount .....	264.39	28.98
For >50 To 100, Deduct	-16.93	
For >100, Deduct	-25.19	
27 53 13 16-0006 EA 12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	632.83	28.98
For >50 To 100, Deduct	-31.67	
For >100, Deduct	-54.66	
27 53 13 16-0007 EA 16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount .....	332.33	28.98
For >50 To 100, Deduct	-22.39	
For >100, Deduct	-33.37	
27 53 13 16-0008 EA 16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	836.66	28.98
For >50 To 100, Deduct	-86.54	
For >100, Deduct	-117.69	
27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0010 EA 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount .....	264.39	28.98
For >50 To 100, Deduct	-16.93	
For >100, Deduct	-25.19	
27 53 13 16-0011 EA 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	632.83	28.98
For >50 To 100, Deduct	-31.67	
For >100, Deduct	-54.66	
27 53 13 16-0012 EA 16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount .....	332.33	28.98
For >50 To 100, Deduct	-22.39	
For >100, Deduct	-33.37	
27 53 13 16-0013 EA 16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	836.66	28.98
For >50 To 100, Deduct	-86.54	
For >100, Deduct	-117.69	
27 53 13 16-0014 Accessories For Analog Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0015 EA Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks .....	218.43	14.48
27 53 13 16-0016 EA Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks .....	55.11	14.48
27 53 13 16-0017 EA Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks .....	70.15	14.48
27 53 13 16-0018 EA Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks .....	85.82	14.48
27 53 13 16-0019 EA Combination Back Box For Speaker And Clock .....	158.21	23.18
27 53 13 16-0020 Digital, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)		
27 53 13 16-0021 24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0022 EA 2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	327.10	28.98
For Surface Mount, Add	53.83	
For >50 To 100, Deduct	-16.15	
For >100, Deduct	-26.92	
27 53 13 16-0023 EA 4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	504.79	28.98
For Surface Mount, Add	89.37	
For >50 To 100, Deduct	-26.81	
For >100, Deduct	-44.68	
27 53 13 16-0024 120 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0025 EA 2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	327.10	28.98
For Surface Mount, Add	53.83	
For >50 To 100, Deduct	-16.15	
For >100, Deduct	-26.92	
27 53 13 16-0026 EA 4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	504.79	28.98
For Surface Mount, Add	89.37	
For >50 To 100, Deduct	-26.81	
For >100, Deduct	-44.68	
27 53 13 16-0027 Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0028 EA 2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	279.42	28.98
For >50 To 100, Deduct	-13.29	
For >100, Deduct	-22.15	
27 53 13 16-0029 EA 4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	461.67	28.98
For >50 To 100, Deduct	-24.22	
For >100, Deduct	-40.37	



**27 Communications****27 50 Distributed Communications and Monitoring Systems****27 53 Distributed Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0030			<b>Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks</b> <small>(27 53 13 16-0020)</small>		
27 53 13 16-0031	EA		2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	279.42	28.98
			<i>For &gt;50 To 100, Deduct</i>	-13.29	
			<i>For &gt;100, Deduct</i>	-22.15	
27 53 13 16-0032	EA		4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	461.67	28.98
			<i>For &gt;50 To 100, Deduct</i>	-24.22	
			<i>For &gt;100, Deduct</i>	-40.37	
27 53 13 16-0033			<b>Accessories For Digital Wired Self-Corrective Clocks</b> <small>(27 53 13 16-0020)</small>		
27 53 13 16-0034	EA		Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks.....	298.13	14.48
27 53 13 16-0035	EA		2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	70.79	14.48
27 53 13 16-0036	EA		4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks.....	98.23	14.48
27 53 13 16-0037	EA		Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks.....	260.24	14.48
27 53 13 16-0038	EA		4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	72.76	14.48
27 53 13 16-0039			<b>Wired Self-Corrective Master Clocks</b> <small>(27 53 13 16-0001)</small>		
27 53 13 16-0040			<b>Wired Self-Corrective Master Clocks</b> <small>(27 53 13 16-0039)</small>		
27 53 13 16-0041	EA		24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	3,071.49	231.81
27 53 13 16-0042	EA		120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	3,267.47	231.81
27 53 13 16-0043			<b>Accessories For Wired Self-Corrective Master Clocks</b> <small>(27 53 13 16-0039)</small>		
27 53 13 16-0044	EA		5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	313.86	57.95
27 53 13 16-0045	EA		10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	355.01	57.95
27 53 13 16-0046			<b>Other Clock And Program Systems</b> <small>(27 53 13 16)</small>		
27 53 13 16-0047	EA		4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	2,011.43	115.91
27 53 13 16-0048	EA		8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	2,411.97	231.81
27 53 13 16-0049	EA		Program Bell (Lathem 906-6).....	287.28	57.95
27 53 13 16-0050	EA		Combination Clock And Speaker.....	649.28	144.87

**END OF SECTION 27**



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

## 28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

### 28 05 Common Work Results for Electronic Safety and Security <sup>(28)</sup>

#### 28 05 26 Grounding and Bonding for Electronic Safety and Security <sup>(28 05)</sup>

See CSI section 26 05 26 00-0000 for grounding and bonding.

#### 28 05 53 Identification for Electronic Safety and Security <sup>(28 05)</sup>

See CSI section 26 05 53 00-0000 for identification.

### 28 10 Access Control <sup>(28)</sup>

Note: Includes testing of new devices and certification.

#### 28 15 Integrated Access Control Hardware Devices <sup>(28 10)</sup>

##### 28 15 11 Integrated Credential Readers and Field Entry Management <sup>(28 15)</sup>

##### 28 15 11 13 Keypads <sup>(28 15 11)</sup>

##### 28 15 11 13-0001 Vindicator Security Alarm System <sup>(28 15 11 13)</sup>

28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	1,627.06	241.66
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00.....	2,057.93	314.10
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01.....	11,640.17	688.47
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01.....	5,529.72	586.71
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00.....	1,289.57	320.94

#### 28 16 Access Control Interfaces <sup>(28 10)</sup>

##### 28 16 11 Access Control Interfaces to Access Control Hardware <sup>(28 16)</sup>

##### 28 16 11 00-0001 Stand-Alone Access Controls <sup>(28 16 11)</sup>

##### 28 16 11 00-0002 Push Button Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0001)</sup>

##### 28 16 11 00-0003 Interior Mount, Push Button Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0002)</sup>

28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls.....	140.38	28.98
		Note: Controls mount to a standard mullion.		
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand-Alone Access Controls.....	147.24	28.98
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand-Alone Access Controls For Gate Operators.....	186.74	28.98
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

##### 28 16 11 00-0007 Exterior Mount, Push Button Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0002)</sup>

Note: Includes a lockable, gasketed 16 gauge steel enclosure. Excludes mounting posts.

28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls.....	177.01	28.98
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand-Alone Access Controls.....	858.44	86.93
		Note: Includes post, mounting base and push button control. Excludes concrete foundation.		

28 16 11 00-0010	EA	Three Button, Exterior Stand-Alone Access Controls For Gate Operators.....	289.77	28.98
		Note: Includes open, close and stop controls.		

##### 28 16 11 00-0011 Key Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0001)</sup>

##### 28 16 11 00-0012 Interior Mount, Key Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0011)</sup>

28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand-Alone Access Controls.....	199.62	28.98
		Note: Controls mount into a single gang electrical box. Excludes electrical box.		

##### 28 16 11 00-0014 Exterior Mount, Key Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0011)</sup>

Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.

28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand-Alone Access Controls.....	304.80	57.95
		Note: Opens door or gate with a postal or fire department key.		

28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand-Alone Access Controls.....	486.83	57.95
------------------	----	---	--------	-------

28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand-Alone Access Controls.....	486.83	57.95
------------------	----	--	--------	-------

28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand-Alone Access Controls.....	747.84	57.95
------------------	----	--	--------	-------

##### 28 16 11 00-0019 Keypad Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0001)</sup>

##### 28 16 11 00-0020 Interior Mount, Keypad Controls, Stand-Alone Access Controls <sup>(28 16 11 00-0019)</sup>

28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand-Alone Access Controls.....	281.19	28.98
		Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.		

**28 Electronic Safety and Security****28 10 Access Control****28 16 Access Control Interfaces**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022			<b>Exterior Mount, Keypad Controls, Stand-Alone Access Controls</b> (28 16 11 00-0019) Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023			<b>Keypad Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0022)		
28 16 11 00-0024	EA		1000 Code Memory, Keypad Control, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0022) Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	1,176.27 212.50	115.91
28 16 11 00-0025			<b>Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0022) Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026	EA		1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0022) Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	1,428.48 262.73	130.39
28 16 11 00-0027			<b>RF Controls, Stand-Alone Access Controls</b> (28 16 11 00-0001)		
28 16 11 00-0028			<b>Exterior Mount, RF Controls, Stand-Alone Access Controls</b> (28 16 11 00-0027) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029			<b>RF Receivers, RF Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0028) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030	EA		50 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	695.45	115.91
28 16 11 00-0031	EA		100 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	788.18	115.91
28 16 11 00-0032	EA		250 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	877.48	115.91
28 16 11 00-0033	EA		500 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	973.64	115.91
28 16 11 00-0034	EA		1000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	1,062.93	115.91
28 16 11 00-0035	EA		5000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	1,159.10	115.91
28 16 11 00-0036	EA		16000 Code Memory, RF Receiver, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028)	1,248.39	115.91
28 16 11 00-0037			<b>RF Transmitters, RF Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0028)		
28 16 11 00-0038	EA		1 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	58.38 -2.92 -5.84 11.68	
28 16 11 00-0039	EA		2 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	61.82 -3.09 -6.18 12.36	
28 16 11 00-0040	EA		3 Button, RF Transmitter, RF Controls, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) <i>For &gt;40 To 110, Deduct</i> <i>For &gt;110, Deduct</i> <i>For Built In Proximity Tags, Add</i>	65.25 -3.26 -6.53 13.05	
28 16 11 00-0041			<b>Accessories For RF Receivers, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0028)		
28 16 11 00-0042	EA		Coax Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) Note: Includes 15' of coax cable.	256.28	86.93
28 16 11 00-0043	EA		Antenna Amplifier For RF Receivers, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) Note: Includes 20' of coax cable.	517.29	86.93
28 16 11 00-0044	EA		Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0028) Note: Includes 15' of coax cable.	469.21	86.93
28 16 11 00-0045			<b>Proximity Card Controls, Stand-Alone Access Controls</b> (28 16 11 00-0001)		
28 16 11 00-0046			<b>Exterior Mount, Proximity Card Controls, Stand-Alone Access Controls</b> (28 16 11 00-0045) Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047			<b>DKS Proximity Card Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0046)		
28 16 11 00-0048			<b>DKS Proximity Card Readers, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0047)		
28 16 11 00-0049	EA		DKS Proximity Card Reader, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0047)	1,347.99	115.91
28 16 11 00-0050			<b>AWID Proximity Card Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0046)		
28 16 11 00-0051			<b>AWID Proximity Card Readers, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0050)		
28 16 11 00-0052	EA		AWID Proximity Card Reader, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0050)	1,468.19	115.91
28 16 11 00-0053			<b>HID Proximity Card Controls, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0046)		
28 16 11 00-0054			<b>HID Proximity Card Readers, Exterior Stand-Alone Access Controls</b> (28 16 11 00-0053)		
28 16 11 00-0055	EA		HID Proximity Card Reader, Exterior Stand-Alone Access Controls ..... (28 16 11 00-0053)	1,742.95	115.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056		
Magnetic Stripe Card Controls, Stand-Alone Access Controls (28 16 11 00-0001)		
28 16 11 00-0057		
Interior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls (28 16 11 00-0056)		
28 16 11 00-0058	EA	798.49
		115.91
28 16 11 00-0059		
Exterior Mount, Magnetic Stripe Card Controls, Stand-Alone Access Controls (28 16 11 00-0056)		
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	992.42
		115.91
28 16 11 00-0061		
Other Stand-Alone Access Controls (28 16 11 00-0001)		
28 16 11 00-0062	EA	135.22
		28.98
28 16 11 00-0063	EA	149.33
		23.18
28 16 11 00-0064		
Wiegand Output Access Controls (28 16 11)		
Note: Excludes controllers.		
28 16 11 00-0065		
Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0066		
DKS, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0067		
DKS, Proximity Cards (28 16 11 00-0066)		
28 16 11 00-0068	EA	9.14
28 16 11 00-0069	EA	15.07
28 16 11 00-0070	EA	15.87
28 16 11 00-0071	EA	89.75
		117.00
28 16 11 00-0072	EA	117.00
		117.00
28 16 11 00-0073		
DKS, Proximity Card Readers, Wiegand Output Access Controls (28 16 11 00-0066)		
28 16 11 00-0074	EA	472.47
		144.87
28 16 11 00-0075	EA	472.47
		144.87
28 16 11 00-0076	EA	472.47
		144.87
28 16 11 00-0077	EA	1,328.32
		144.87
		144.87
28 16 11 00-0078		
AWID, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0079		
AWID, Proximity Cards (28 16 11 00-0078)		
28 16 11 00-0080	EA	7.69
28 16 11 00-0081	EA	12.02
28 16 11 00-0082	EA	12.82
28 16 11 00-0083	EA	44.88
28 16 11 00-0084	EA	44.88
28 16 11 00-0085		
AWID, Proximity Card Readers, Wiegand Output Access Controls (28 16 11 00-0078)		
28 16 11 00-0086	EA	578.25
		144.87
		144.87
28 16 11 00-0087	EA	809.04
		144.87
28 16 11 00-0088	EA	809.04
		144.87
28 16 11 00-0089	EA	1,331.53
		144.87
28 16 11 00-0090	EA	7,601.37
		144.87
28 16 11 00-0091		
HID, Proximity Card Controls, Wiegand Output Access Controls (28 16 11 00-0065)		
28 16 11 00-0092		
HID, Proximity Cards (28 16 11 00-0091)		
28 16 11 00-0093	EA	17.99
28 16 11 00-0094	EA	23.76
28 16 11 00-0095	EA	24.40

**28 Electronic Safety and Security****28 10 Access Control****28 16 Access Control Interfaces**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 16 11 00-0096		<b>HID, Proximity Card Readers, Wiegand Output Access Controls</b> <small>(28 16 11 00-0091)</small>		
28 16 11 00-0097	EA	Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	541.28	144.87
		Note: For mullion mounting. (HID P/N 6005).		
28 16 11 00-0098	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	642.90	144.87
		Note: For single gang electrical box mounting. (HID P/N 5395).		
28 16 11 00-0099	EA	Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx).....	719.12	144.87
		Note: For mullion mounting. (HID P/N 5365).		
28 16 11 00-0100	EA	EntryProx Single-Door Proximity Access Control ..... Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.	924.90	144.87
28 16 11 00-0101		<b>Contactless Smart Card Controls, Wiegand Output Access Controls</b> <small>(28 16 11 00-0064)</small>		
28 16 11 00-0102		<b>HID, Contactless Smart Cards</b> <small>(28 16 11 00-0101)</small>		
28 16 11 00-0103	EA	2K Bits, Clamshell Type, HID iClass, Contactless Smart Card.....	14.10	
28 16 11 00-0104	EA	16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card.....	15.40	
28 16 11 00-0105	EA	16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card.....	20.15	
28 16 11 00-0106	EA	16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card..... Note: Battery powered tag to boost signal.	10.91	
28 16 11 00-0107		<b>HID, Contactless Smart Card Readers, Wiegand Output Access Controls</b> <small>(28 16 11 00-0101)</small>		
28 16 11 00-0108	EA	Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10)..... Note: For mullion mounting.	544.13	144.87
28 16 11 00-0109	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40)..... Note: For mullion mounting.	755.69	144.87
28 16 11 00-0110	EA	Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40)..... Note: For mullion mounting.	1,231.70	144.87
28 16 11 00-0111		<b>HID, Contactless Smart Card Programmer, Wiegand Output Access Controls</b> <small>(28 16 11 00-0101)</small>		
28 16 11 00-0112	EA	HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400)..... Note: For mullion mounting.	3,908.93	144.87
28 16 11 00-0113		<b>Call Station Controls, Wiegand Output Access Controls</b> <small>(28 16 11 00-0064)</small>		
		Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114	EA	Call Station With Entry Keypad, Exterior Wiegand Output Access Controls..... Note: For mullion mounting.	1,526.14	144.87
28 16 11 00-0115	EA	Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls..... Note: For mullion mounting.	1,268.56	144.87
28 16 11 00-0116		<b>Biometrics Readers, Wiegand Output Access Controls</b> <small>(28 16 11 00-0064)</small>		
28 16 11 00-0117	EA	Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls.....	6,958.85	115.91
28 16 11 00-0118	EA	CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls.....	8,504.67	115.91
28 16 11 00-0119	EA	Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls.....	3,338.99	115.91
28 16 11 00-0120	EA	Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass).....	1,982.21	115.91
28 16 11 00-0121	EA	Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox).....	2,208.88	115.91
28 16 11 00-0122	EA	Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart).....	1,982.21	115.91
28 16 11 00-0123		<b>Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 16 11)</small>		
		Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124		<b>2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 16 11 00-0123)</small>		
28 16 11 00-0125	EA	44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls..... Note: Includes a 5" x 5" base plate.	473.24	52.88
28 16 11 00-0126	EA	73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls..... Note: Includes an 8" x 8" base plate.	878.50	52.88
28 16 11 00-0127	EA	Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls..... Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	432.03	52.88
28 16 11 00-0128		<b>4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls</b> <small>(28 16 11 00-0123)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0129 EA 59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls ..... 834.41	834.41	63.46
Note: Includes an 8" x 8" base plate.		
28 16 11 00-0130 EA 49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls ..... 985.52	985.52	63.46
Note: Includes an 8" x 8" base plate and a 14" offset from back of post.		
28 16 11 00-0131 EA Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls ..... 624.91	624.91	63.46
Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
<b>28 16 11 00-0132 4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28</b>		
<small>16 11 00-0123)</small>		
28 16 11 00-0133 EA 59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls ..... 2,614.24	2,614.24	79.33
Note: Includes a 11" x 13" base plate.		
28 16 11 00-0134 EA 50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls ..... 2,734.44	2,734.44	79.33
Note: Includes a 10" x 14" base plate and a 14" offset from back of post.		
28 16 11 00-0135 EA Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls ..... 1,171.79	1,171.79	26.44
Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 16 11 00-0136 EA 48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls ..... 1,824.32	1,824.32	79.33
<b>28 16 11 00-0137 Access Control Accessories (28 16 11)</b>		
28 16 11 00-0138 EA 6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5) ..... 655.19	655.19	
28 16 11 00-0139 EA 7 Amperes, 12 Volt, Battery ..... 87.85	87.85	
28 16 11 00-0140 EA 18 Amperes, 12 Volt, Battery ..... 195.81	195.81	
28 16 11 00-0141 EA Door Personality Module (Sensomatic RM-4) ..... 714.68	714.68	28.98
28 16 11 00-0142 EA Mini-Alert Door Ajar Sounder (System Sensor PA400) ..... 282.97	282.97	57.95
28 16 11 00-0143 EA Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C) ..... 82.50	82.50	34.77
28 16 11 00-0144 EA Access Control Systems Power Supply (Altronix AL400ULACMCB) ..... 795.80	795.80	23.18
28 16 11 00-0145 EA Surge Suppressor (Tripp-Lite IBAR4) ..... 119.58	119.58	5.80
28 16 11 00-0146 EA Door Strike Relay (Altronix RBSN-TTL) ..... 79.68	79.68	23.18
28 16 11 00-0147 EA 4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) ..... 480.46	480.46	
Note: Set in concrete.		
28 16 11 00-0148 EA 16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16) ..... 684.02	684.02	144.87
<b>28 16 11 00-0149 Access Controllers (28 16 11)</b>		
<b>28 16 11 00-0150 Microterm Controller (28 16 11 00-0149)</b>		
28 16 11 00-0151 EA Microterm Stand-Alone One Or Two Door Processing Panel (Continental Instruments CICIP1100) ..... 1,813.63	1,813.63	144.87
Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.		
28 16 11 00-0152 EA Microterm PC Board (Continental Instruments CICIP1100PCB) ..... 1,320.52	1,320.52	86.93
28 16 11 00-0153 EA Battery Standby For Microterm (Continental Instruments CICIP1100BAT-2) ..... 634.23	634.23	
Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.		
<b>28 16 11 00-0154 Miniterm Controller (28 16 11 00-0149)</b>		
28 16 11 00-0155 EA Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200) ..... 2,859.83	2,859.83	144.87
Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, tamper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0156 EA Miniterm PC Board (Continental Instrument CICIP1200PCB) ..... 2,175.63	2,175.63	86.93
<b>28 16 11 00-0157 Super-2 Controller (28 16 11 00-0149)</b>		
28 16 11 00-0158 EA Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300) ..... 2,107.66	2,107.66	144.87
Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0159 EA Super-Two - PC Board (Continental Instruments CICIP1300BD) ..... 1,456.75	1,456.75	86.93
28 16 11 00-0160 EA Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD) ..... 391.78	391.78	86.93
Note: Optional on-board adapter allows for communication over TCP/IP.		
<b>28 16 11 00-0161 Smarterm Controller (28 16 11 00-0149)</b>		
28 16 11 00-0162 EA Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400) ..... 6,038.95	6,038.95	173.85
Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.		
28 16 11 00-0163 EA Smarterm PC Board (Continental Instrument CICIP1400PCB) ..... 4,668.13	4,668.13	86.93
28 16 11 00-0164 EA Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1) ..... 1,806.71	1,806.71	86.93
Note: Up to 10,000 cardholders.		
28 16 11 00-0165 EA Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1) ..... 2,575.30	2,575.30	86.93
Note: Up to 50,000 cardholders.		
28 16 11 00-0166 EA Smarterm Relay Expander Board (Continental Instrument CICIP1400RB) ..... 1,999.38	1,999.38	86.93
Note: 16 Output relays, 8 alarm inputs.		
28 16 11 00-0167 EA Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB) ..... 1,999.38	1,999.38	86.93
Note: (Supervised) 16 alarm inputs.		
<b>28 16 11 00-0168 Superterm-4 Controller (28 16 11 00-0149)</b>		

**28 Electronic Safety and Security****28 10 Access Control****28 16 Access Control Interfaces**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0169 EA Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400UL) ..... Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,569.93	173.85
28 16 11 00-0170 EA Superterm-4 PC Board (Continental Instrument CICP1400ULPCB).....	4,589.29	86.93
<b>28 16 11 00-0171 Superterm-8 Controller</b> (28 16 11 00-0149)		
28 16 11 00-0172 EA Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800) ..... Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	7,397.98	289.76
28 16 11 00-0173 EA Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP)..... Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.	8,038.47	289.76
28 16 11 00-0174 EA Superterm-8 PC Board (Continental Instrument CICP1800PCB).....	6,185.53	86.93
<b>28 16 11 00-0175 Turbo Superterm-4 Controller</b> (28 16 11 00-0149)		
28 16 11 00-0176 EA Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT)..... Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,569.93	173.85
28 16 11 00-0177 EA Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB).....	4,589.29	86.93
<b>28 16 11 00-0178 Turbo Superterm-8 Controller</b> (28 16 11 00-0149)		
28 16 11 00-0179 EA Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T)..... Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	7,397.98	289.76
28 16 11 00-0180 EA Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP) ..... Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.	8,038.47	289.76
28 16 11 00-0181 EA Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB).....	6,185.53	86.93
28 16 11 00-0182 EA Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2)..... Note: Up to 140,000 cardholders.	2,575.30	86.93
28 16 11 00-0183 EA Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2)..... Note: Up to 140,000 cardholders.	2,165.37	86.93
28 16 11 00-0184 EA Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB)..... Note: 16 Output relays, 8 alarm inputs.	2,001.45	86.93
28 16 11 00-0185 EA Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB)..... Note: (Supervised) 16 Alarm inputs.	2,001.45	86.93
28 16 11 00-0186 EA Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPWS) .....	821.54	
<b>28 16 11 00-0187 Intelligent Controller</b> (28 16 11 00-0149)		
28 16 11 00-0188 EA Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501).....	1,430.10	86.93
28 16 11 00-0189 EA Up To 64 Doors, Access Controller (Mercury Security EP-1502) .....	2,459.11	144.87
<b>28 16 11 00-0190 Access Control Bundled System</b> (28 16 11)		
28 16 11 00-0191 EA CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0)..... Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.	40,579.98	
<b>28 16 11 00-0192 Magnetic Locks</b> (28 16 11) Note: Excludes access controls.		
<b>28 16 11 00-0193 Magnetic Door Locks</b> (28 16 11 00-0192)		
<b>28 16 11 00-0194 300 Lb. Magnetic Door Locks</b> (28 16 11 00-0193)		
28 16 11 00-0195 EA Single Door, Surface Mount, 300 Lb. Magnetic Door Lock .....	640.50	115.91
<b>28 16 11 00-0196 600 Lb. Magnetic Door Locks</b> (28 16 11 00-0193)		
28 16 11 00-0197 EA 600 Lb., Single Door, Surface Mount, Magnetic Door Lock .....	923.84	115.91
For LED Status Indicator And Signal Relay, Add	86.50	
For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	173.01	
For Mortise Mount, Deduct	-138.41	
28 16 11 00-0198 EA 600 Lb., Dual Doors, Surface Mount, Magnetic Door Lock.....	1,389.20	115.91
For LED Status Indicator And Signal Relay, Add	144.67	
For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	289.35	
<b>28 16 11 00-0199 1,200 Lb. Magnetic Door Locks</b> (28 16 11 00-0193)		
28 16 11 00-0200 EA 1,200 Lb., Single Door, Surface Mount, Magnetic Door Lock .....	966.77	115.91
For LED Status Indicator And Signal Relay, Add	169.04	
For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	220.49	
28 16 11 00-0201 EA Dual Doors, Surface Mount, 1,200 Lb. Magnetic Door Lock.....	1,481.93	115.91
For LED Status Indicator And Signal Relay, Add	287.53	
For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	375.04	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 16 11 00-0202</b> <b>2,000 Lb. Shear Lock, Magnetic And Mechanical Locks</b> <small>(28 16 11 00-0193)</small> Note: Includes LED status indicator and built-in signal relay.		
28 16 11 00-0203    EA    Single Door, Mortise Mount, 2,000 Lb. Shear Lock, Magnetic And Mechanical Door Lock .....	1,013.14	115.91
<b>28 16 11 00-0204</b> <b>Magnetic Gate Locks</b> <small>(28 16 11 00-0192)</small>		
<b>28 16 11 00-0205</b> <b>600 Lb. Magnetic Gate Locks</b> <small>(28 16 11 00-0204)</small>		
28 16 11 00-0206    EA    600 Lb. Magnetic Gate Lock .....	753.84	115.91
<b>28 16 11 00-0207</b> <b>1,200 Lb. Magnetic Gate Locks</b> <small>(28 16 11 00-0204)</small>		
28 16 11 00-0208    EA    1,200 Lb. Magnetic Gate Lock .....	910.10	115.91
For LED Status Indicator And Signal Relay, Add	84.79	
For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	169.57	
For Mortise Mount, Deduct	-135.66	
<b>28 16 11 00-0209</b> <b>Magnetic Lock Power Supply And Chargers</b> <small>(28 16 11 00-0192)</small> Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.		
28 16 11 00-0210    EA    12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger .....	553.92	115.91
28 16 11 00-0211    EA    12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger .....	709.61	115.91
28 16 11 00-0212    EA    12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger .....	801.19	115.91
28 16 11 00-0213    EA    12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger .....	1,011.84	115.91
<b>28 16 11 00-0214</b> <b>Master Door Buzzer Stations</b> <small>(28 16 11)</small>		
<b>28 16 11 00-0215</b> <b>Master Stations</b> <small>(28 16 11 00-0214)</small>		
28 16 11 00-0216    EA    Master Stations, 5 Station Intercommunication Equipment .....	1,173.57	180.81
28 16 11 00-0217    EA    Master Stations, 10 Station Intercommunication Equipment .....	1,745.77	350.03
28 16 11 00-0218    EA    Master Station, Desk Style Remote Intercommunication Equipment .....	501.58	90.41
28 16 11 00-0219    EA    Master Station, Flush Wall Remote Intercommunication Equipment .....	633.92	150.68
28 16 11 00-0220    EA    Sound System Outlet, Protector .....	158.16	59.00
28 16 11 00-0221    EA    Sound System Microphone Outlet .....	272.70	120.77
28 16 11 00-0222    EA    Ceiling Or Wall, Sound System Speaker .....	216.18	59.00
28 16 11 00-0223    EA    Sound System Monitor Panel .....	643.22	120.77
28 16 11 00-0224    EA    Sound System Volume Control .....	184.91	59.00
28 16 11 00-0225    EA    250 Watt, Sound System Amplifier .....	2,992.91	482.97
28 16 11 00-0226    EA    Sound System Cabinet .....	1,702.39	482.97
<b>28 16 11 00-0227</b> <b>Master Door Stations</b> <small>(28 16 11 00-0214)</small>		
28 16 11 00-0228    EA    Master Door Stations, Button Buzzer Type, 25 Station .....	2,477.98	
For Intercom Type Master Door Station, Add	222.87	
28 16 11 00-0229    EA    Master Door Stations, Button Buzzer Type, 50 Station .....	4,101.09	
For Intercom Type Master Door Station, Add	361.05	
28 16 11 00-0230    EA    Master Door Stations, Button Buzzer Type, 75 Station .....	5,618.34	
For Intercom Type Master Door Station, Add	468.03	
28 16 11 00-0231    EA    Master Door Stations, Button Buzzer Type, 100 Station .....	6,426.87	
For Intercom Type Master Door Station, Add	548.26	
28 16 11 00-0232    EA    Master Door Stations, Button Buzzer Type, 150 Station .....	7,848.70	
For Intercom Type Master Door Station, Add	802.33	
28 16 11 00-0233    EA    Master Door Stations, Button Buzzer Type, 200 Station .....	9,242.24	
For Intercom Type Master Door Station, Add	1,034.12	
28 16 11 00-0234    EA    Master Door Stations, Button Buzzer Type, 250 Station .....	11,647.44	
For Intercom Type Master Door Station, Add	1,337.22	
28 16 11 00-0235    EA    Master Door Stations, Button Buzzer Type, 300 Station .....	13,891.72	
For Intercom Type Master Door Station, Add	1,533.35	
28 16 11 00-0236    EA    Transformer .....	173.86	
28 16 11 00-0237    EA    Door Opener .....	257.02	
28 16 11 00-0238    EA    Buzzer With Door Release And Plate .....	315.01	
28 16 11 00-0239    EA    Amplifier For Intercom Type Unit .....	533.87	
28 16 11 00-0240    EA    Speaker With Door Release .....	222.14	

**28 20 Video Surveillance** (28)

Note: Includes testing of new devices and certification.

**28 21 Surveillance Cameras** (28 20)**28 21 31 Proprietary Surveillance Camera Systems** (28 21)

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001	Closed Circuit Television And Surveillance Systems (Pelco) <small>(28 21 31)</small>		
28 21 31 00-0002	Cameras And Accessories <small>(28 21 31 00-0001)</small>		
28 21 31 00-0003	Cameras <small>(28 21 31 00-0002)</small>		
28 21 31 00-0004	Compact, 1/3" Format Cameras <small>(28 21 31 00-0003)</small>		

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0005			<b>High Resolution Color, Compact, 1/3" Format Cameras</b> (28 21 31 00-0004)		
28 21 31 00-0006	EA		High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6).....	687.42	29.03
28 21 31 00-0007			<b>Day/Night, Compact, 1/3" Format Cameras</b> (28 21 31 00-0004)		
28 21 31 00-0008	EA		High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6).....	401.97	29.03
28 21 31 00-0009			<b>Camerapaks</b> (28 21 31 00-0002) Note: Includes camera and lens.		
28 21 31 00-0010			<b>Camerapaks</b> (28 21 31 00-0009)		
28 21 31 00-0011			<b>High Resolution Color, Camerapaks</b> (28 21 31 00-0010)		
28 21 31 00-0012			<b>Fixed Focus, High Resolution Color, Camerapaks</b> (28 21 31 00-0011)		
28 21 31 00-0013			<b>Manual Iris, Fixed Focus, High Resolution Color, Camerapaks</b> (28 21 31 00-0012)		
28 21 31 00-0014	EA		2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3).....	525.78	29.03
28 21 31 00-0015	EA		2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8).....	493.68	29.03
28 21 31 00-0016	EA		4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4).....	478.78	29.03
28 21 31 00-0017	EA		8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8).....	475.34	29.03
28 21 31 00-0018			<b>Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks</b> (28 21 31 00-0012)		
28 21 31 00-0019	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A).....	573.93	29.03
28 21 31 00-0020	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A).....	525.78	29.03
28 21 31 00-0021	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A).....	514.32	29.03
28 21 31 00-0022	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A).....	505.15	29.03
28 21 31 00-0023			<b>Varifocal, High Resolution Color, Camerapaks</b> (28 21 31 00-0011)		
28 21 31 00-0024			<b>Manual Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 21 31 00-0023)		
28 21 31 00-0025	EA		1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1).....	620.93	29.03
28 21 31 00-0026	EA		2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2).....	559.03	29.03
28 21 31 00-0027	EA		2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21).....	508.59	29.03
28 21 31 00-0028	EA		3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3).....	487.95	29.03
28 21 31 00-0029	EA		5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5).....	564.76	29.03
28 21 31 00-0030			<b>Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 21 31 00-0023)		
28 21 31 00-0031	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A).....	671.37	29.03
28 21 31 00-0032	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A).....	628.96	29.03
28 21 31 00-0033	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A).....	556.73	29.03
28 21 31 00-0034	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A).....	495.97	29.03
28 21 31 00-0035	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A).....	588.83	29.03
28 21 31 00-0036	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A).....	666.79	29.03
28 21 31 00-0037	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A).....	766.53	29.03
28 21 31 00-0038			<b>Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks</b> (28 21 31 00-0023)		
28 21 31 00-0039	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A).....	522.34	29.03
28 21 31 00-0040	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A).....	626.66	29.03
28 21 31 00-0041			<b>High Resolution Day/Night, Camerapaks</b> (28 21 31 00-0010)		
28 21 31 00-0042			<b>Varifocal, High Resolution Day/Night, Camerapaks</b> (28 21 31 00-0041)		
28 21 31 00-0043			<b>Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks</b> (28 21 31 00-0042)		
28 21 31 00-0044	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A).....	1,066.88	29.03
28 21 31 00-0045	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A).....	994.66	29.03
28 21 31 00-0046	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A).....	933.90	29.03
28 21 31 00-0047	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A).....	1,026.76	29.03
28 21 31 00-0048	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A).....	1,104.71	29.03
28 21 31 00-0049	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A).....	1,203.30	29.03
28 21 31 00-0050			<b>Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks</b> (28 21 31 00-0042)		
28 21 31 00-0051	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A).....	960.27	29.03
28 21 31 00-0052	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A).....	1,064.59	29.03



			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0053			<b>Compact Camerapaks</b> (28 21 31 00-0053)		
28 21 31 00-0054			<b>High Resolution Color, Compact Camerapaks</b> (28 21 31 00-0053)		
28 21 31 00-0055			<b>DSS, High Resolution Color, Compact Camerapaks</b> (28 21 31 00-0054)		
28 21 31 00-0056			<b>Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0055)		
28 21 31 00-0057			<b>Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0056)		
28 21 31 00-0058	EA		2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3).....	824.99	29.03
28 21 31 00-0059	EA		2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8).....	792.89	29.03
28 21 31 00-0060	EA		4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4).....	776.84	29.03
28 21 31 00-0061	EA		8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8).....	773.40	29.03
28 21 31 00-0062			<b>Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0062)		
28 21 31 00-0063	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A).....	871.99	29.03
28 21 31 00-0064	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A).....	824.99	29.03
28 21 31 00-0065	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A).....	813.53	29.03
28 21 31 00-0066	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A).....	804.36	29.03
28 21 31 00-0067			<b>Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0067)		
28 21 31 00-0068			<b>Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0067)		
28 21 31 00-0069	EA		1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1).....	920.14	29.03
28 21 31 00-0070	EA		2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2).....	857.09	29.03
28 21 31 00-0071	EA		2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21).....	807.80	29.03
28 21 31 00-0072	EA		3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3).....	787.16	29.03
28 21 31 00-0073	EA		5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5).....	862.82	29.03
28 21 31 00-0074	EA		5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50).....	912.12	29.03
28 21 31 00-0075	EA		5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55).....	1,029.05	29.03
28 21 31 00-0076			<b>Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0076)		
28 21 31 00-0077	EA		1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A).....	969.44	29.03
28 21 31 00-0078	EA		2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A).....	928.17	29.03
28 21 31 00-0079	EA		2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A).....	855.94	29.03
28 21 31 00-0080	EA		3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A).....	794.04	29.03
28 21 31 00-0081	EA		5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A).....	888.04	29.03
28 21 31 00-0082	EA		5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A).....	966.00	29.03
28 21 31 00-0083	EA		5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A).....	1,064.59	29.03
28 21 31 00-0084			<b>Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks</b> (28 21 31 00-0084)		
28 21 31 00-0085	EA		3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A).....	821.55	29.03
28 21 31 00-0086	EA		7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A).....	925.87	29.03
28 21 31 00-0087			<b>EDR, High Resolution Color, Compact Camerapaks</b> (28 21 31 00-0087)		
28 21 31 00-0088			<b>Fixed Focus, EDR, High Resolution Color, Camerapaks</b> (28 21 31 00-0087)		
28 21 31 00-0089			<b>Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks</b> (28 21 31 00-0088)		
28 21 31 00-0090	EA		2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3).....	824.99	29.03
28 21 31 00-0091	EA		2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8).....	614.05	29.03
28 21 31 00-0092	EA		4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4).....	598.00	29.03
28 21 31 00-0093	EA		8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8).....	594.57	29.03
28 21 31 00-0094			<b>Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks</b> (28 21 31 00-0088)		
28 21 31 00-0095	EA		2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A).....	693.16	29.03
28 21 31 00-0096	EA		2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A).....	646.15	29.03
28 21 31 00-0097	EA		4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A).....	634.69	29.03
28 21 31 00-0098	EA		8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A).....	634.69	29.03
28 21 31 00-0099			<b>Varifocal, EDR, High Resolution Color, Camerapaks</b> (28 21 31 00-0087)		
28 21 31 00-0100			<b>Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> (28 21 31 00-0099)		
28 21 31 00-0101	EA		1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1).....	741.30	29.03
28 21 31 00-0102	EA		2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2).....	678.25	29.03
28 21 31 00-0103	EA		2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21).....	628.96	29.03
28 21 31 00-0104	EA		3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3).....	608.32	29.03



**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0105 EA 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5).....	683.98	29.03
28 21 31 00-0106 EA 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50).....	733.28	29.03
28 21 31 00-0107 EA 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55).....	850.21	29.03
<b>28 21 31 00-0108 Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 21 31 00-0099)</small>		
28 21 31 00-0109 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A).....	790.60	29.03
28 21 31 00-0110 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A).....	749.33	29.03
28 21 31 00-0111 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A).....	675.96	29.03
28 21 31 00-0112 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A).....	615.20	29.03
28 21 31 00-0113 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A).....	709.21	29.03
28 21 31 00-0114 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A).....	787.16	29.03
28 21 31 00-0115 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A).....	885.75	29.03
<b>28 21 31 00-0116 Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks</b> <small>(28 21 31 00-0099)</small>		
28 21 31 00-0117 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A).....	642.71	29.03
28 21 31 00-0118 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A).....	747.04	29.03
<b>28 21 31 00-0119 High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0053)</small>		
<b>28 21 31 00-0120 Fixed Focus, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0119)</small>		
<b>28 21 31 00-0121 Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0120)</small>		
28 21 31 00-0122 EA 8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	760.79	29.03
<b>28 21 31 00-0123 DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0120)</small>		
28 21 31 00-0124 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	859.38	29.03
28 21 31 00-0125 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	811.23	29.03
<b>28 21 31 00-0126 Varifocal, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0119)</small>		
<b>28 21 31 00-0127 Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0126)</small>		
28 21 31 00-0128 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	794.04	29.03
28 21 31 00-0129 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	773.40	29.03
28 21 31 00-0130 EA 5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	899.51	29.03
<b>28 21 31 00-0131 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0126)</small>		
28 21 31 00-0132 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	914.41	29.03
28 21 31 00-0133 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	842.19	29.03
28 21 31 00-0134 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	781.43	29.03
28 21 31 00-0135 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A).....	874.29	29.03
28 21 31 00-0136 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A).....	952.24	29.03
28 21 31 00-0137 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A).....	1,051.98	29.03
<b>28 21 31 00-0138 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks</b> <small>(28 21 31 00-0126)</small>		
28 21 31 00-0139 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A).....	807.80	29.03
28 21 31 00-0140 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A).....	912.12	29.03
<b>28 21 31 00-0141 Camera Systems</b> <small>(28 21 31 00-0002)</small>		
<b>28 21 31 00-0142 Camera Dome Systems</b> <small>(28 21 31 00-0141)</small>		
<b>28 21 31 00-0143 Spectra®, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0142)</small>		
<b>28 21 31 00-0144 Spectra®, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0143)</small> Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
<b>28 21 31 00-0145 Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0144)</small>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 21 31 00-0146</b> <b>Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0145)</small>		
28 21 31 00-0147    EA    22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB).....	3,361.05	174.15
28 21 31 00-0148    EA    22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F).....	3,831.07	174.15
28 21 31 00-0149    EA    22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB).....	4,042.01	174.15
28 21 31 00-0150    EA    22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E).....	5,619.46	174.15
<b>28 21 31 00-0151</b> <b>Color, Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0145)</small>		
28 21 31 00-0152    EA    16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB).....	2,827.97	174.15
28 21 31 00-0153    EA    16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F).....	3,065.28	174.15
28 21 31 00-0154    EA    16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB).....	3,277.36	174.15
28 21 31 00-0155    EA    16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E).....	3,398.88	174.15
28 21 31 00-0156    EA    16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E).....	3,398.88	174.15
28 21 31 00-0157    EA    22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB).....	3,562.82	174.15
28 21 31 00-0158    EA    22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F).....	4,033.99	174.15
28 21 31 00-0159    EA    22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB).....	4,246.07	174.15
28 21 31 00-0160    EA    22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E).....	4,367.59	174.15
28 21 31 00-0161    EA    22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E).....	4,367.59	174.15
<b>28 21 31 00-0162</b> <b>Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0145)</small>		
28 21 31 00-0163    EA    23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB).....	4,150.92	174.15
28 21 31 00-0164    EA    23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F).....	4,622.09	174.15
28 21 31 00-0165    EA    23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB).....	4,834.17	174.15
28 21 31 00-0166    EA    23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E).....	4,955.69	174.15
28 21 31 00-0167    EA    23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E).....	4,955.69	174.15
<b>28 21 31 00-0168</b> <b>Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0145)</small>		
28 21 31 00-0169    EA    18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB).....	3,765.73	174.15
28 21 31 00-0170    EA    18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F).....	4,004.18	174.15
28 21 31 00-0171    EA    18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB).....	4,215.12	174.15
28 21 31 00-0172    EA    18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E).....	4,336.64	174.15
28 21 31 00-0173    EA    18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E).....	4,336.64	174.15
28 21 31 00-0174    EA    35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB).....	4,537.26	174.15
28 21 31 00-0175    EA    35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F).....	4,912.13	174.15
28 21 31 00-0176    EA    35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB).....	5,123.07	174.15
28 21 31 00-0177    EA    35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E).....	5,244.58	174.15
28 21 31 00-0178    EA    35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E).....	5,244.58	174.15
<b>28 21 31 00-0179</b> <b>Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0144)</small>		
<b>28 21 31 00-0180</b> <b>Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0179)</small>		
28 21 31 00-0181    EA    16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF).....	3,684.33	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0182    EA    16X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP).....	3,888.39	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0183    EA    16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE).....	4,051.18	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0184    EA    22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF).....	4,581.97	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0185    EA    22X, Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP).....	4,786.02	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0186    EA    22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE).....	4,949.96	174.15
For Protective Lower Dome Cage, Add	34.65	
<b>28 21 31 00-0187</b> <b>Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0179)</small>		
28 21 31 00-0188    EA    18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF).....	4,622.09	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0189    EA    18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP).....	4,826.15	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0190    EA    18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE).....	4,990.08	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0191    EA    35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF).....	5,460.11	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0192    EA    35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP).....	5,663.02	174.15
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0193    EA    35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE).....	5,826.96	174.15
For Protective Lower Dome Cage, Add	34.65	

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
28 21 31 00-0194		Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0195		Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0194)		
28 21 31 00-0196	EA	18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE).....	6,127.31	174.15
28 21 31 00-0197	EA	35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE).....	6,965.33	174.15
28 21 31 00-0198		Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0199		Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0200	EA	22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE) .....	5,322.54	174.15
28 21 31 00-0201		Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0202	EA	16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE) .....	4,627.82	174.15
28 21 31 00-0203	EA	22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE).....	5,526.60	174.15
28 21 31 00-0204		Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0205	EA	23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	6,114.70	174.15
28 21 31 00-0206		Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0198)		
28 21 31 00-0207	EA	18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	5,566.72	174.15
28 21 31 00-0208	EA	35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	6,403.59	174.15
28 21 31 00-0209		Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems (28 21 31 00-0144)		
28 21 31 00-0210		Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems (28 21 31 00-0209)		
28 21 31 00-0211	EA	10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B).....	2,110.33	174.15
28 21 31 00-0212		Spectra® IP Network, Pan/Tilt Camera Dome Systems (28 21 31 00-0143) Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0213		Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (28 21 31 00-0212)		
28 21 31 00-0214		Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (28 21 31 00-0213)		
28 21 31 00-0215	EA	16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	3,921.64	174.15
28 21 31 00-0216	EA	16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	4,133.72	174.15
28 21 31 00-0217	EA	16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	4,255.24	174.15
28 21 31 00-0218	EA	16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	4,255.24	174.15
28 21 31 00-0219	EA	22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	4,890.35	174.15
28 21 31 00-0220	EA	22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	5,102.43	174.15
28 21 31 00-0221	EA	22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	5,223.95	174.15
28 21 31 00-0222	EA	22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	5,223.95	174.15
28 21 31 00-0223		Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (28 21 31 00-0213)		
28 21 31 00-0224	EA	23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	5,478.45	174.15
28 21 31 00-0225	EA	23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	5,690.53	174.15
28 21 31 00-0226	EA	23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	5,812.05	174.15
28 21 31 00-0227	EA	23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	5,812.05	174.15
28 21 31 00-0228		Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems (28 21 31 00-0212)		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0229				<b>Color, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0228)</small>		
28 21 31 00-0230	EA			16X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1).....	4,540.69	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0231	EA			16X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1).....	4,744.75	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0232	EA			16X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1).....	4,907.54	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0233	EA			22X, In-Ceiling Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1).....	5,438.33	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0234	EA			22X, Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1).....	5,642.39	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0235	EA			22X, Environmental Pendant Mount, Color, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1).....	5,806.32	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0236				<b>Day/Night, Heavy-Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0228)</small>		
28 21 31 00-0237	EA			18X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1).....	5,478.45	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0238	EA			18X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1).....	5,682.51	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0239	EA			18X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1).....	5,846.44	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0240	EA			35X, In-Ceiling Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1).....	6,316.47	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0241	EA			35X, Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1).....	6,519.38	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0242	EA			35X, Environmental Pendant Mount, Day/Night, Heavy-Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1).....	6,683.32	174.15
				<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0243				<b>Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0212)</small>		
28 21 31 00-0244				<b>Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 21 31 00-0243)</small>		
28 21 31 00-0245	EA			16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-PSGE1).....	5,484.18	174.15
28 21 31 00-0246	EA			22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1).....	6,382.96	174.15
28 21 31 00-0247				<b>Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 21 31 00-0243)</small>		
28 21 31 00-0248	EA			23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	6,971.06	174.15
28 21 31 00-0249				<b>Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems</b> <small>(28 21 31 00-0243)</small>		
28 21 31 00-0250	EA			18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	6,423.08	174.15
28 21 31 00-0251	EA			35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	7,259.96	174.15
28 21 31 00-0252				<b>Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems</b> <small>(28 21 31 00-0212)</small>		
28 21 31 00-0253				<b>Color, Miniature Spectra® IP Network, Mini Camera Dome Systems</b> <small>(28 21 31 00-0252)</small>		
28 21 31 00-0254	EA			10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1).....	2,662.89	174.15
28 21 31 00-0255				<b>Spectra®, Pan/Tilt Dome Drives</b> <small>(28 21 31 00-0143)</small>		
				Note: Includes dome drive, camera and lens.		
28 21 31 00-0256	EA			10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4).....	1,966.29	145.12
28 21 31 00-0257	EA			10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N).....	2,516.56	145.12
28 21 31 00-0258	EA			22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22).....	3,196.37	145.12
28 21 31 00-0259	EA			16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16).....	2,501.66	145.12
28 21 31 00-0260	EA			22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22).....	3,399.29	145.12
28 21 31 00-0261	EA			18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18).....	3,439.41	145.12
28 21 31 00-0262	EA			23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23).....	3,987.39	145.12

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0263 EA 35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35).....	4,277.43	145.12
28 21 31 00-0264 EA 35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35) .....	4,277.43	145.12
<b>28 21 31 00-0265 Accessories For Spectra® Pan/Tilt Camera Dome Systems (28 21 31 00-0143)</b>		
28 21 31 00-0266 EA Upgrade To Chrome Lower Dome (Pelco Spectra) .....	161.64	
28 21 31 00-0267 EA Upgrade To Gold Lower Dome (Pelco Spectra) .....	210.94	
28 21 31 00-0268 EA Wall Mount For Spectra® Systems (Pelco IWM-BK) .....	171.18	14.51
28 21 31 00-0269 EA 24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK) .....	438.29	14.51
28 21 31 00-0270 EA Wall Arm Mount For Spectra® Systems (Pelco IDM4018) .....	166.60	14.51
28 21 31 00-0271 EA Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS).....	305.10	14.51
28 21 31 00-0272 EA Pole Mount Adapter For Spectra® Systems (Pelco PA402).....	84.49	8.63
<b>28 21 31 00-0273 Camclosure®, Camera Dome Systems (28 21 31 00-0142)</b>		
<b>28 21 31 00-0274 Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0273)</b>		
<b>28 21 31 00-0275 Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0274)</b>		
<b>28 21 31 00-0276 High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)</b>		
28 21 31 00-0277 EA 12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	755.28	174.15
28 21 31 00-0278 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22) .....	824.07	174.15
28 21 31 00-0279 EA 12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	921.51	174.15
28 21 31 00-0280 EA 12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	921.51	174.15
<b>28 21 31 00-0281 Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)</b>		
28 21 31 00-0282 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22).....	934.12	174.15
28 21 31 00-0283 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22) .....	1,023.54	174.15
28 21 31 00-0284 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	1,023.54	174.15
<b>28 21 31 00-0285 Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)</b>		
28 21 31 00-0286 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22) .....	1,078.57	174.15
28 21 31 00-0287 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22) .....	1,299.82	174.15
28 21 31 00-0288 EA 9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22) .....	1,299.82	174.15
<b>28 21 31 00-0289 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems (28 21 31 00-0275)</b>		
28 21 31 00-0290 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	1,184.04	174.15
28 21 31 00-0291 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	1,326.19	174.15
<b>28 21 31 00-0292 Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0274)</b>		
<b>28 21 31 00-0293 High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)</b>		
28 21 31 00-0294 EA 3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6).....	855.84	116.11
<b>28 21 31 00-0295 Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)</b>		
28 21 31 00-0296 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22) .....	985.38	116.11
<b>28 21 31 00-0297 Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)</b>		
28 21 31 00-0298 EA 9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	1,088.56	116.11
<b>28 21 31 00-0299 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems (28 21 31 00-0292)</b>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0300 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22) .....	1,140.15	116.11
<b>28 21 31 00-0301 Camclosure® IS Integrated Cameras (28 21 31 00-0274)</b>		
28 21 31 00-0302 EA 12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12) .....	592.17	116.11
28 21 31 00-0303 EA 9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22) .....	592.17	116.11
28 21 31 00-0304 EA 9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22) .....	694.20	116.11
28 21 31 00-0305 EA 9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	970.48	116.11
28 21 31 00-0306 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22) .....	996.85	116.11
<b>28 21 31 00-0307 Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0273)</b>		
<b>28 21 31 00-0308 Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0307)</b>		
<b>28 21 31 00-0309 Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)</b>		
28 21 31 00-0310 EA 12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12) .....	641.79	174.15
28 21 31 00-0311 EA 12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T) .....	691.08	174.15
28 21 31 00-0312 EA 12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12) .....	888.26	174.15
28 21 31 00-0313 EA 12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12) .....	888.26	174.15
<b>28 21 31 00-0314 High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems (28 21 31 00-0308)</b>		
28 21 31 00-0315 EA 3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A) .....	1,109.52	174.15
<b>28 21 31 00-0316 Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0307)</b>		
<b>28 21 31 00-0317 Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems (28 21 31 00-0316)</b>		
28 21 31 00-0318 EA 12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12).....	772.15	116.11
<b>28 21 31 00-0319 Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0307)</b>		
<b>28 21 31 00-0320 High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)</b>		
28 21 31 00-0321 EA 9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22) .....	1,023.54	174.15
<b>28 21 31 00-0322 Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)</b>		
28 21 31 00-0323 EA 9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22).....	1,126.72	174.15
<b>28 21 31 00-0324 Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)</b>		
28 21 31 00-0325 EA 9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22) .....	1,256.26	174.15
<b>28 21 31 00-0326 Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems (28 21 31 00-0319)</b>		
28 21 31 00-0327 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22) .....	1,307.85	174.15
<b>28 21 31 00-0328 Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0273)</b>		
<b>28 21 31 00-0329 Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0328)</b>		
<b>28 21 31 00-0330 High Resolution Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)</b>		
28 21 31 00-0331 EA 3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9).....	1,876.46	174.15
28 21 31 00-0332 EA 9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22) .....	1,876.46	174.15
<b>28 21 31 00-0333 Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)</b>		

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0334	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9) .....	2,018.61	174.15
28 21 31 00-0335	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22) .....	2,018.61	174.15
<b>28 21 31 00-0336</b>			<b>Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)</b>		
28 21 31 00-0337	EA		3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9) .....	2,237.58	174.15
28 21 31 00-0338	EA		9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22) .....	2,237.58	174.15
<b>28 21 31 00-0339</b>			<b>Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems (28 21 31 00-0329)</b>		
28 21 31 00-0340	EA		3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9) .....	2,392.34	174.15
28 21 31 00-0341	EA		9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22) .....	2,392.34	174.15
<b>28 21 31 00-0342</b>			<b>Accessories For Camclosure® Camera Dome Systems (28 21 31 00-0273)</b>		
28 21 31 00-0343	EA		4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP) .....	38.06	8.70
28 21 31 00-0344	EA		4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP) .....	38.06	8.70
28 21 31 00-0345	EA		Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS) .....	49.67	14.51
28 21 31 00-0346	EA		Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND) .....	81.76	14.51
28 21 31 00-0347	EA		2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P) .....	86.20	8.70
28 21 31 00-0348	EA		Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG) .....	81.76	14.51
28 21 31 00-0349	EA		Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM) .....	104.69	14.51
28 21 31 00-0350	EA		Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A) .....	282.74	29.03
28 21 31 00-0351	EA		Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A) .....	282.74	29.03
28 21 31 00-0352	EA		Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A) .....	282.74	29.03
28 21 31 00-0353	EA		Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A) .....	282.74	29.03
28 21 31 00-0354	EA		Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P) .....	98.96	14.51
28 21 31 00-0355	EA		Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD) .....	109.64	29.03
28 21 31 00-0356	EA		Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD) .....	109.64	29.03
28 21 31 00-0357	EA		Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD) .....	109.64	29.03
28 21 31 00-0358	EA		Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD) .....	109.64	29.03
28 21 31 00-0359	EA		Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD) .....	109.64	29.03
28 21 31 00-0360	EA		Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD) .....	109.64	29.03
28 21 31 00-0361	EA		Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC) .....	320.21	39.64
28 21 31 00-0362	EA		Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P) .....	69.15	14.51
28 21 31 00-0363	EA		Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW) .....	120.74	14.51
28 21 31 00-0364	EA		White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P) .....	69.15	14.51
28 21 31 00-0365	EA		White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW) .....	120.74	14.51
28 21 31 00-0366	EA		Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC) .....	1,746.92	174.15
<b>28 21 31 00-0367</b>			<b>Pan/Tilt Camera Systems (28 21 31 00-0141)</b>		
<b>28 21 31 00-0368</b>			<b>Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
			Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
<b>28 21 31 00-0369</b>			<b>EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0368)</b>		
<b>28 21 31 00-0370</b>			<b>Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)</b>		
28 21 31 00-0371	EA		10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N) .....	5,008.32	261.23
28 21 31 00-0372	EA		20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N) .....	5,697.31	261.23
28 21 31 00-0373	EA		30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N) .....	6,652.26	261.23
28 21 31 00-0374	EA		10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN) .....	5,156.21	261.23
28 21 31 00-0375	EA		20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN) .....	5,876.15	261.23
28 21 31 00-0376	EA		30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN) .....	6,831.10	261.23
<b>28 21 31 00-0377</b>			<b>Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0369)</b>		
28 21 31 00-0378	EA		10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W) .....	5,055.33	261.23
28 21 31 00-0379	EA		20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W) .....	5,744.31	261.23
28 21 31 00-0380	EA		30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W) .....	6,699.26	261.23
28 21 31 00-0381	EA		10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW) .....	5,204.36	261.23
28 21 31 00-0382	EA		20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW) .....	5,923.15	261.23



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0383 EA 30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	6,878.10	261.23
<b>28 21 31 00-0384 Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0385 DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0384)</b>		
<b>28 21 31 00-0386 Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)</b>		
28 21 31 00-0387 EA 10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	5,187.16	261.23
28 21 31 00-0388 EA 20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	5,876.15	261.23
28 21 31 00-0389 EA 30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	6,831.10	261.23
28 21 31 00-0390 EA 10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	5,335.05	261.23
28 21 31 00-0391 EA 20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	6,054.99	261.23
28 21 31 00-0392 EA 30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	7,009.94	261.23
<b>28 21 31 00-0393 Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0385)</b>		
28 21 31 00-0394 EA 10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	5,234.16	261.23
28 21 31 00-0395 EA 20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	5,923.15	261.23
28 21 31 00-0396 EA 30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	6,878.10	261.23
28 21 31 00-0397 EA 10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	5,383.20	261.23
28 21 31 00-0398 EA 20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	6,101.99	261.23
28 21 31 00-0399 EA 30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	7,056.94	261.23
<b>28 21 31 00-0400 Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0401 High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0400)</b>		
<b>28 21 31 00-0402 Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0401)</b>		
28 21 31 00-0403 EA 6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N).....	4,887.95	261.23
28 21 31 00-0404 EA 5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N).....	5,576.94	261.23
28 21 31 00-0405 EA 5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N).....	6,531.89	261.23
28 21 31 00-0406 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN).....	5,036.98	261.23
28 21 31 00-0407 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN).....	5,755.78	261.23
28 21 31 00-0408 EA 5.5 x 30, Preset Positioning, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN).....	6,710.73	261.23
<b>28 21 31 00-0409 Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0401)</b>		
28 21 31 00-0410 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	4,936.10	261.23
28 21 31 00-0411 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W).....	5,623.94	261.23
28 21 31 00-0412 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W).....	6,580.04	261.23
28 21 31 00-0413 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW).....	4,969.35	261.23
28 21 31 00-0414 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W).....	5,083.99	261.23
28 21 31 00-0415 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW).....	5,802.78	261.23
28 21 31 00-0416 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW).....	6,758.88	261.23
<b>28 21 31 00-0417 Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0418 Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0417)</b>		
<b>28 21 31 00-0419 Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0418)</b>		
28 21 31 00-0420 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N).....	5,862.39	261.23
28 21 31 00-0421 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N).....	6,817.34	261.23
28 21 31 00-0422 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN).....	5,322.44	261.23
28 21 31 00-0423 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN).....	6,041.23	261.23

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0424 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN).....	6,996.18	261.23
<b>28 21 31 00-0425 Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0418)</b>		
28 21 31 00-0426 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W).....	5,221.55	261.23
28 21 31 00-0427 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W).....	5,909.39	261.23
28 21 31 00-0428 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W).....	6,865.49	261.23
28 21 31 00-0429 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW).....	5,369.44	261.23
28 21 31 00-0430 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW).....	6,088.23	261.23
28 21 31 00-0431 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW).....	7,044.33	261.23
<b>28 21 31 00-0432 Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0433 Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0432)</b>		
<b>28 21 31 00-0434 Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0433)</b>		
28 21 31 00-0435 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N).....	6,969.81	261.23
28 21 31 00-0436 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN).....	5,473.76	261.23
28 21 31 00-0437 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN).....	7,148.65	261.23
<b>28 21 31 00-0438 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0433)</b>		
28 21 31 00-0439 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W).....	5,372.88	261.23
28 21 31 00-0440 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W).....	7,017.96	261.23
28 21 31 00-0441 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW).....	5,521.91	261.23
28 21 31 00-0442 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	6,240.70	261.23
28 21 31 00-0443 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	7,196.80	261.23
<b>28 21 31 00-0444 Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0445 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0444)</b>		
<b>28 21 31 00-0446 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0445)</b>		
28 21 31 00-0447 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N).....	5,853.22	261.23
<b>28 21 31 00-0448 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0445)</b>		
28 21 31 00-0449 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W).....	5,900.22	261.23
<b>28 21 31 00-0450 High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0444)</b>		
<b>28 21 31 00-0451 Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0450)</b>		
28 21 31 00-0452 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N).....	6,969.81	261.23
28 21 31 00-0453 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N).....	6,735.95	261.23
28 21 31 00-0454 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N).....	7,670.26	261.23
<b>28 21 31 00-0455 Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0450)</b>		
28 21 31 00-0456 EA 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W).....	7,015.67	261.23
28 21 31 00-0457 EA 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W).....	6,735.95	261.23
28 21 31 00-0458 EA 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W).....	7,721.85	261.23
<b>28 21 31 00-0459 Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0367)</b>		
<b>28 21 31 00-0460 High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0459)</b>		
<b>28 21 31 00-0461 Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0460)</b>		
28 21 31 00-0462 EA 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N).....	4,478.69	261.23
28 21 31 00-0463 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N).....	5,596.43	261.23
28 21 31 00-0464 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N).....	5,366.00	261.23
28 21 31 00-0465 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N).....	6,093.96	261.23



	MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0466		<b>Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0460)</small>		
28 21 31 00-0467	EA	16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W).....	4,524.54	261.23
28 21 31 00-0468	EA	22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W).....	5,643.43	261.23
28 21 31 00-0469	EA	24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W).....	5,413.00	261.23
28 21 31 00-0470	EA	35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W).....	6,145.55	261.23
28 21 31 00-0471		<b>Esprit® Thermal, Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0367)</small>		
28 21 31 00-0472		<b>Esprit® Thermal, Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0471)</small>		
28 21 31 00-0473		<b>Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0472)</small>		
28 21 31 00-0474	EA	14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N).....	29,305.12	261.23
28 21 31 00-0475	EA	35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N).....	31,521.12	261.23
28 21 31 00-0476	EA	50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N).....	32,265.13	261.23
28 21 31 00-0477		<b>Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0472)</small>		
28 21 31 00-0478	EA	14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W).....	29,353.27	261.23
28 21 31 00-0479	EA	35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W).....	31,568.12	261.23
28 21 31 00-0480	EA	50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W).....	32,312.13	261.23
28 21 31 00-0481		<b>Accessories For Esprit® Pan/Tilt Camera Systems</b> <small>(28 21 31 00-0367)</small>		
28 21 31 00-0482	EA	Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE).....	11.88	2.90
28 21 31 00-0483	EA	Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT).....	69.15	14.51
28 21 31 00-0484	EA	Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM).....	110.42	14.51
28 21 31 00-0485	EA	Wall Mount For High Security Enclosures (Pelco HSWM12).....	141.38	14.51
28 21 31 00-0486	EA	Ground Isolation Transformer (Pelco GIT100).....	400.46	39.64
28 21 31 00-0487	EA	High Security, Indoor Wedge Style Enclosure (Pelco HS2100).....	577.73	39.64
28 21 31 00-0488	EA	High Security, Indoor 10" Length Enclosure (Pelco HS3000).....	484.15	39.64
28 21 31 00-0489	EA	High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500).....	673.68	39.64
28 21 31 00-0490	EA	High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080).....	369.51	39.64
28 21 31 00-0491	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134).....	973.32	39.64
28 21 31 00-0492	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514).....	1,562.91	39.64
28 21 31 00-0493	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT).....	1,862.12	39.64
28 21 31 00-0494	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24).....	1,929.76	39.64
28 21 31 00-0495	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35).....	2,036.37	39.64
28 21 31 00-0496	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2).....	2,515.28	39.65
28 21 31 00-0497	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N).....	2,545.33	39.64
28 21 31 00-0498	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W).....	2,574.19	39.64
28 21 31 00-0499	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30).....	6,432.82	39.64
28 21 31 00-0500	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P).....	6,611.66	39.64
28 21 31 00-0501	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM).....	112.26	9.34
28 21 31 00-0502	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM).....	112.26	9.34
28 21 31 00-0503		<b>Camera Lenses</b> <small>(28 21 31 00-0002)</small>		
28 21 31 00-0504		<b>Fixed Focus Camera Lenses</b> <small>(28 21 31 00-0503)</small> Note: 1/3" format and manual focus.		
28 21 31 00-0505		<b>Manual Iris, Fixed Focus Camera Lenses</b> <small>(28 21 31 00-0504)</small>		
28 21 31 00-0506	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3).....	178.30	13.62
28 21 31 00-0507	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8).....	146.20	13.62
28 21 31 00-0508	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....	130.15	13.62
28 21 31 00-0509	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....	126.71	13.62
28 21 31 00-0510		<b>Direct Drive Auto Iris, Fixed Focus Camera Lenses</b> <small>(28 21 31 00-0504)</small> Note: Includes spot filter. Excludes amplifier.		
28 21 31 00-0511	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3).....	225.30	13.62
28 21 31 00-0512	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8).....	178.30	13.62
28 21 31 00-0513	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4).....	166.84	13.62
28 21 31 00-0514	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8).....	116.40	13.62
28 21 31 00-0515		<b>Video Drive Auto Iris, Fixed Focus Camera Lenses</b> <small>(28 21 31 00-0504)</small> Note: Includes LDC100 adapter to convert DC auto iris to video drive.		
28 21 31 00-0516	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S).....	267.72	13.62
28 21 31 00-0517	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S).....	219.57	13.62
28 21 31 00-0518	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S).....	208.11	13.62
28 21 31 00-0519	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S).....	198.94	13.62
28 21 31 00-0520		<b>Varifocal Camera Lenses</b> <small>(28 21 31 00-0503)</small> Note: 1/3" format and manual focus and zoom.		
28 21 31 00-0521		<b>Manual Iris, Varifocal Camera Lenses</b> <small>(28 21 31 00-0520)</small>		
28 21 31 00-0522	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....	243.03	13.62



**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 21 31 00-0523	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....		210.40	13.62
28 21 31 00-0524	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....		161.11	13.62
28 21 31 00-0525	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....		140.47	13.62
28 21 31 00-0526	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....		382.36	13.62
28 21 31 00-0527	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....		187.48	13.62
28 21 31 00-0528	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....		200.10	13.62
<b>28 21 31 00-0529</b>		<b>Direct Drive Auto Iris, Varifocal Camera Lenses</b> (28 21 31 00-0520)			
		Note: Includes spot filter.			
28 21 31 00-0530	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3).....		238.82	13.62
28 21 31 00-0531	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6).....		210.20	13.62
28 21 31 00-0532	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12).....		159.70	13.62
28 21 31 00-0533	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....		117.62	13.62
28 21 31 00-0534	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5).....		417.90	13.62
28 21 31 00-0535	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....		236.29	13.62
<b>28 21 31 00-0536</b>		<b>Video Drive Auto Iris, Varifocal Camera Lenses</b> (28 21 31 00-0520)			
		Note: Includes spot filter.			
28 21 31 00-0537	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S).....		365.16	13.62
28 21 31 00-0538	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S).....		322.75	13.62
28 21 31 00-0539	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....		189.77	13.62
28 21 31 00-0540	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....		360.58	13.62
<b>28 21 31 00-0541</b>		<b>Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses</b> (28 21 31 00-0520)			
28 21 31 00-0542	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....		136.97	13.62
28 21 31 00-0543	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....		208.52	13.62
<b>28 21 31 00-0544</b>		<b>Motorized Zoom Camera Lenses</b> (28 21 31 00-0503)			
		Note: 1/3" format.			
<b>28 21 31 00-0545</b>		<b>Manual Iris, Motorized Zoom Camera Lenses</b> (28 21 31 00-0544)			
28 21 31 00-0546	EA	8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....		671.25	13.62
28 21 31 00-0547	EA	10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....		840.92	13.62
28 21 31 00-0548	EA	15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....		897.09	13.62
<b>28 21 31 00-0549</b>		<b>Direct Drive Auto Iris, Motorized Zoom Camera Lenses</b> (28 21 31 00-0544)			
		Note: Includes spot filter.			
28 21 31 00-0550	EA	6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....		562.86	13.62
28 21 31 00-0551	EA	10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....		651.24	13.62
28 21 31 00-0552	EA	15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....		992.25	13.62
28 21 31 00-0553	EA	20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....		1,120.90	13.62
28 21 31 00-0554	EA	30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....		2,229.39	13.62
<b>28 21 31 00-0555</b>		<b>Video Drive Auto Iris, Motorized Zoom Camera Lenses</b> (28 21 31 00-0544)			
		Note: Includes spot filter.			
28 21 31 00-0556	EA	8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....		688.45	13.62
28 21 31 00-0557	EA	10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....		821.43	13.62
28 21 31 00-0558	EA	15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....		1,034.66	13.62
28 21 31 00-0559	EA	20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....		1,510.42	13.62
28 21 31 00-0560	EA	30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....		2,465.37	13.62
<b>28 21 31 00-0561</b>		<b>Camera Power Supplies</b> (28 21 31 00-0002)			
28 21 31 00-0562	EA	20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000).....		43.86	11.61
28 21 31 00-0563	EA	50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000).....		78.25	11.61
28 21 31 00-0564	EA	2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....		319.99	23.22
28 21 31 00-0565	EA	5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....		368.46	34.83
28 21 31 00-0566	EA	10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....		414.40	46.44
		For Switchable Outputs, Add		192.97	
28 21 31 00-0567	EA	20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....		462.88	58.05
		For Switchable Outputs, Add		208.06	
<b>28 21 31 00-0568</b>		<b>Camera Illuminators</b> (28 21 31 00-0002)			
<b>28 21 31 00-0569</b>		<b>Camera Illuminators</b> (28 21 31 00-0568)			
		Note: Includes lamp and mounting bracket.			
28 21 31 00-0570	EA	Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF).....		1,802.72	23.22
28 21 31 00-0571	EA	Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS).....		1,802.72	23.22
28 21 31 00-0572	EA	Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF).....		1,802.72	23.22
<b>28 21 31 00-0573</b>		<b>Camera Illuminator Accessories</b> (28 21 31 00-0568)			
28 21 31 00-0574	EA	Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....		143.88	23.22



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 21 31 00-0575</b> <b>Camera Receivers</b> <small>(28 21 31 00-0002)</small>		
28 21 31 00-0576    EA    24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,732.58	39.64
28 21 31 00-0577    EA    120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,732.58	39.64
<b>28 21 31 00-0578</b> <b>Pan And Tilt Drives</b> <small>(28 21 31 00-0002)</small>		
28 21 31 00-0579    EA    15 Lb. Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P).....	1,220.81	87.08
28 21 31 00-0580    EA    40 Lb. Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P).....	1,555.56	87.08
For Preset Positioning, Add	165.00	
28 21 31 00-0581    EA    100 Lb. Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P).....	3,311.85	87.08
For Preset Positioning, Add	165.00	
28 21 31 00-0582    EA    100 Lb. Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC).....	3,787.60	87.08
For Preset Positioning, Add	165.00	
28 21 31 00-0583    EA    100 Lb. Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	4,386.02	87.08
For Preset Positioning, Add	165.00	
28 21 31 00-0584    EA    100 Lb. Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	5,658.53	87.08
For Preset Positioning, Add	165.00	
<b>28 21 31 00-0585</b> <b>Scanners</b> <small>(28 21 31 00-0002)</small>		
28 21 31 00-0586    EA    35 Lb. Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	1,396.21	87.08
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
28 21 31 00-0587    EA    35 Lb. Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	1,468.44	87.08
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
<b>28 21 31 00-0588</b> <b>Camera Monitors</b> <small>(28 21 31 00-0001)</small>		
<b>28 21 31 00-0589</b> <b>Camera Monitors</b> <small>(28 21 31 00-0588)</small>		
<b>28 21 31 00-0590</b> <b>Monochrome Camera Monitors</b> <small>(28 21 31 00-0589)</small>		
28 21 31 00-0591    EA    9" Monochrome Camera Monitor (Pelco PMM9A).....	272.13	17.42
28 21 31 00-0592    EA    12" Monochrome Camera Monitor (Pelco PMM12A).....	312.26	17.42
28 21 31 00-0593    EA    15" Monochrome Camera Monitor (Pelco PMM15A).....	481.93	17.42
28 21 31 00-0594    EA    20" Monochrome Camera Monitor (Pelco PMM20A).....	778.84	17.42
<b>28 21 31 00-0595</b> <b>Color Camera Monitors</b> <small>(28 21 31 00-0589)</small>		
28 21 31 00-0596    EA    9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	879.73	17.42
28 21 31 00-0597    EA    15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	712.35	17.42
28 21 31 00-0598    EA    17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	1,037.93	17.42
28 21 31 00-0599    EA    19", High Resolution Color, Camera Monitor (Pelco PMCS19A).....	1,381.85	17.42
<b>28 21 31 00-0600</b> <b>LCD Camera Monitors</b> <small>(28 21 31 00-0588)</small>		
<b>28 21 31 00-0601</b> <b>VGA Signal, Color LCD Camera Monitors (Pelco 200 Series)</b> <small>(28 21 31 00-0600)</small>		
Note: Displays VGA computer signals.		
28 21 31 00-0602    EA    17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217).....	995.51	17.42
28 21 31 00-0603    EA    19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219).....	1,298.16	17.42
<b>28 21 31 00-0604</b> <b>Multimode, Color LCD Camera Monitors (Pelco 300 Series)</b> <small>(28 21 31 00-0600)</small>		
Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0605    EA    15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315).....	1,133.08	17.42
28 21 31 00-0606    EA    17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317).....	1,357.78	17.42
28 21 31 00-0607    EA    19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319).....	1,671.89	17.42
<b>28 21 31 00-0608</b> <b>Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series)</b> <small>(28 21 31 00-0600)</small>		
Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0609    EA    15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415).....	1,456.37	17.42
28 21 31 00-0610    EA    17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417).....	1,690.23	17.42
28 21 31 00-0611    EA    19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419).....	2,122.42	17.42
<b>28 21 31 00-0612</b> <b>Camera Monitor Mounting Accessories</b> <small>(28 21 31 00-0588)</small>		
<b>28 21 31 00-0613</b> <b>Camera Monitor Mounts</b> <small>(28 21 31 00-0612)</small>		
28 21 31 00-0614    EA    Up To 14", Camera Monitor Mount (Pelco).....	333.04	23.22
28 21 31 00-0615    EA    >14" To 17", Camera Monitor Mount (Pelco).....	389.21	23.22
28 21 31 00-0616    EA    >17" To 21", Camera Monitor Mount (Pelco).....	458.00	23.22
<b>28 21 31 00-0617</b> <b>Camera Monitor Rack Mount Kits</b> <small>(28 21 31 00-0612)</small>		
28 21 31 00-0618    EA    Camera Monitor Rack Mount Kit (Pelco PMCL-RM).....	198.91	23.22

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0619			<b>Video Transmission Equipment</b> (28 21 31 00-0001)		
28 21 31 00-0620			<b>UTP Cable, Video Transmission Equipment</b> (28 21 31 00-0619)		
28 21 31 00-0621			<b>UTP Cable, Active Video Receivers</b> (28 21 31 00-0620)		
28 21 31 00-0622	EA		Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR) .....	419.17	29.03
28 21 31 00-0623	EA		Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR) .....	1,465.83	29.03
28 21 31 00-0624	EA		Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US) .....	2,893.10	29.03
28 21 31 00-0625	EA		Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US) .....	4,758.29	29.03
28 21 31 00-0626	EA		Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US).....	5,557.33	29.03
28 21 31 00-0627			<b>UTP Cable, Passive Video Transceivers</b> (28 21 31 00-0620)		
28 21 31 00-0628	EA		Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P).....	116.52	29.03
28 21 31 00-0629	EA		Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P) .....	419.17	29.03
28 21 31 00-0630	EA		Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P).....	781.43	29.03
28 21 31 00-0631	EA		Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P).....	1,494.49	29.03
28 21 31 00-0632	EA		Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P).....	2,932.07	29.03
28 21 31 00-0633			<b>UTP Cable, Active Video Transmitters</b> (28 21 31 00-0620)		
28 21 31 00-0634	EA		Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT).....	438.65	29.03
28 21 31 00-0635			<b>Fiber Optics, Video Transmission Equipment</b> (28 21 31 00-0619)		
28 21 31 00-0636			<b>Data Only, Fiber Optics Transmission Equipment</b> (28 21 31 00-0635)		
28 21 31 00-0637			<b>Bidirectional Data, Fiber Optics Transmitters</b> (28 21 31 00-0636)		
28 21 31 00-0638	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS).....	2,578.58	58.05
28 21 31 00-0639	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM).....	1,044.69	58.05
28 21 31 00-0640	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S).....	1,880.42	58.05
28 21 31 00-0641	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M).....	1,292.32	58.05
28 21 31 00-0642			<b>Bidirectional Data, Fiber Optics Receivers</b> (28 21 31 00-0636)		
28 21 31 00-0643	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS) .....	2,578.58	58.05
28 21 31 00-0644	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM) .....	1,044.69	58.05
28 21 31 00-0645	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S) .....	1,880.42	58.05
28 21 31 00-0646	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M) .....	1,292.32	58.05
28 21 31 00-0647			<b>Video Only, Fiber Optics Transmission Equipment</b> (28 21 31 00-0635)		
28 21 31 00-0648			<b>Digitally Encoded Video, Fiber Optics Transmitters</b> (28 21 31 00-0647)		
28 21 31 00-0649	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS).....	1,136.41	58.05
28 21 31 00-0650	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM).....	487.54	58.05
28 21 31 00-0651	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S).....	3,175.85	58.05
28 21 31 00-0652	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M).....	1,903.35	58.05
28 21 31 00-0653	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S).....	5,211.86	58.05
28 21 31 00-0654	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M).....	4,331.42	58.05
28 21 31 00-0655	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S) .....	12,961.52	58.05
28 21 31 00-0656	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M) .....	11,534.25	58.05
28 21 31 00-0657			<b>Digitally Encoded Video, Fiber Optics Receivers</b> (28 21 31 00-0647)		
28 21 31 00-0658	EA		Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS).....	1,136.41	58.05
28 21 31 00-0659	EA		Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM).....	487.54	58.05
28 21 31 00-0660	EA		Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS).....	1,950.35	58.05
28 21 31 00-0661	EA		Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM).....	782.17	58.05
28 21 31 00-0662	EA		Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S).....	3,175.85	58.05
28 21 31 00-0663	EA		Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M).....	1,903.35	58.05
28 21 31 00-0664	EA		Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S).....	5,211.86	58.05
28 21 31 00-0665	EA		Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M).....	4,331.42	58.05
28 21 31 00-0666	EA		Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S).....	12,961.52	58.05
28 21 31 00-0667	EA		Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M).....	11,534.25	58.05
28 21 31 00-0668			<b>Video And Data, Fiber Optics Transmission Equipment</b> (28 21 31 00-0635)		
28 21 31 00-0669			<b>Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters</b> (28 21 31 00-0668)		
28 21 31 00-0670	EA		Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS) .....	1,969.84	58.05
28 21 31 00-0671	EA		Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	1,168.51	58.05
28 21 31 00-0672	EA		Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	4,605.41	58.05
28 21 31 00-0673	EA		Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	3,985.21	58.05



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0674 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	7,463.39	58.05
28 21 31 00-0675 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	5,406.75	58.05
<b>28 21 31 00-0676 Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers (28 21 31 00-0669)</b>		
28 21 31 00-0677 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,969.84	58.05
28 21 31 00-0678 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	1,168.51	58.05
28 21 31 00-0679 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	4,605.41	58.05
28 21 31 00-0680 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	3,985.21	58.05
28 21 31 00-0681 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S).....	7,463.39	58.05
28 21 31 00-0682 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	5,406.75	58.05
<b>28 21 31 00-0683 Video, Audio And Data, Fiber Optics Transmission Equipment (28 21 31 00-0635)</b>		
<b>28 21 31 00-0684 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters (28 21 31 00-0683)</b>		
28 21 31 00-0685 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S).....	2,541.89	58.05
28 21 31 00-0686 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	2,019.13	58.05
<b>28 21 31 00-0687 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers (28 21 31 00-0683)</b>		
28 21 31 00-0688 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	2,541.89	58.05
28 21 31 00-0689 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M).....	2,019.13	58.05
<b>28 21 31 00-0690 Video Amplifiers (28 21 31 00-0619)</b>		
<b>28 21 31 00-0691 Video Distribution Amplifiers (28 21 31 00-0690)</b>		
28 21 31 00-0692 EA 1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT).....	312.19	14.51
28 21 31 00-0693 EA 16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA)..... Note: Inserts time-date and title on up to 16 video inputs.	2,563.72	14.51
<b>28 21 31 00-0694 Video Equalizing Amplifiers (28 21 31 00-0690)</b>		
28 21 31 00-0695 EA Video Equalizing Amplifier (Pelco EA2010).....	339.70	14.51
28 21 31 00-0696 EA Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	535.74	14.51
<b>28 21 31 00-0697 Network Video Equipment (28 21 31 00-0001)</b>		
<b>28 21 31 00-0698 Video Encoders/Decoders (28 21 31 00-0697)</b>		
28 21 31 00-0699 EA MPEG4 IP Video Receiver (Pelco NET300R).....	1,257.92	29.03
28 21 31 00-0700 EA MPEG4 IP Video Transmitter (Pelco NET300T).....	1,257.92	29.03
28 21 31 00-0701 EA MPEG4 IP Video Receiver With Audio (Pelco NET350R).....	1,450.52	29.03
28 21 31 00-0702 EA MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T).....	1,450.52	29.03
<b>28 21 31 00-0703 Network Video Recorders (28 21 31 00-0697)</b>		
28 21 31 00-0704 EA 16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	8,056.08	58.05
28 21 31 00-0705 EA 32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	9,377.88	58.05
28 21 31 00-0706 EA 64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	12,023.77	58.05
28 21 31 00-0707 EA 64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	7,956.34	58.05
<b>28 21 31 00-0708 Network Video Recorder Software (28 21 31 00-0697)</b>		
28 21 31 00-0709 EA 10 User, License Pack (Pelco VMX300-LIC-10).....	797.89	
28 21 31 00-0710 EA 20 User, License Pack (Pelco VMX300-LIC-20).....	1,438.73	
28 21 31 00-0711 EA 50 User, License Pack (Pelco VMX300-LIC-50).....	3,195.02	
28 21 31 00-0712 EA 100 User, License Pack (Pelco VMX300-LIC-100).....	5,588.70	
28 21 31 00-0713 EA 10 User, Enterprise License Pack (Pelco VMX300-E-LIC10).....	1,332.12	
28 21 31 00-0714 EA 20 User, Enterprise License Pack (Pelco VMX300-E-LIC20).....	2,395.98	
28 21 31 00-0715 EA 50 User, Enterprise License Pack (Pelco VMX300-E-LIC50).....	5,325.03	
28 21 31 00-0716 EA 100 User, Enterprise License Pack (Pelco VMX300-E-LIC100).....	9,316.79	
28 21 31 00-0717 EA 200 User, Enterprise License Pack (Pelco VMX300-E-LIC200).....	15,970.50	
28 21 31 00-0718 EA 500 User, Enterprise License Pack (Pelco VMX300-E-LIC500).....	33,270.82	

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0719 EA 0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	7,168.29	
28 21 31 00-0720 EA 1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	7,611.95	
28 21 31 00-0721 EA 4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	12,049.66	
28 21 31 00-0722 EA 0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSSVR-0).....	7,967.33	
28 21 31 00-0723 EA 1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSSVR-1).....	8,410.99	
28 21 31 00-0724 EA 4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSSVR-4).....	12,846.41	
28 21 31 00-0725 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0).....	7,701.37	
28 21 31 00-0726 EA 1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1).....	8,146.17	
28 21 31 00-0727 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4).....	12,582.74	
28 21 31 00-0728 EA 0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSSVR-0).....	9,031.19	
28 21 31 00-0729 EA 1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSSVR-1).....	9,474.85	
28 21 31 00-0730 EA 4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSSVR-4).....	13,912.56	
<b>28 21 31 00-0731 Video Recording Equipment (28 21 31 00-0001)</b>		
<b>28 21 31 00-0732 Digital Video Recorders (28 21 31 00-0731)</b>		
28 21 31 00-0733 EA 8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A).....	12,624.48	58.05
28 21 31 00-0734 EA 8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A).....	17,317.84	58.05
28 21 31 00-0735 EA 8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A).....	22,012.35	58.05
28 21 31 00-0736 EA 16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A).....	15,202.73	58.05
28 21 31 00-0737 EA 16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A).....	19,896.10	58.05
28 21 31 00-0738 EA 16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A).....	24,590.60	58.05
28 21 31 00-0739 EA 24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A).....	16,620.83	58.05
28 21 31 00-0740 EA 24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A).....	21,314.19	58.05
28 21 31 00-0741 EA 24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A).....	26,008.70	58.05
28 21 31 00-0742 EA 32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A).....	19,199.08	58.05
28 21 31 00-0743 EA 32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A).....	23,892.45	58.05
28 21 31 00-0744 EA 32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A).....	28,586.95	58.05
28 21 31 00-0745 EA 16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500).....	13,937.45	58.05
<b>28 21 31 00-0746 Digital Video Recorder Accessories (28 21 31 00-0731)</b>		
28 21 31 00-0747 EA 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	1,216.65	29.03
<b>28 21 31 00-0748 Matrix Systems And Controls (28 21 31 00-0001)</b>		
<b>28 21 31 00-0749 Video Multiplexers (28 21 31 00-0748)</b>		
<b>28 21 31 00-0750 Monochrome Duplex, Video Multiplexers (28 21 31 00-0749)</b>		
28 21 31 00-0751 EA 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	2,310.32	58.05
28 21 31 00-0752 EA 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	2,183.07	58.05
<b>28 21 31 00-0753 Color Duplex, Video Multiplexers (28 21 31 00-0749)</b>		
28 21 31 00-0754 EA 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	1,557.13	58.05
28 21 31 00-0755 EA 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	2,979.82	58.05
28 21 31 00-0756 EA 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	3,230.88	58.05
<b>28 21 31 00-0757 Color Simplex, Video Multiplexers (28 21 31 00-0749)</b>		
28 21 31 00-0758 EA 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	2,502.91	58.05
28 21 31 00-0759 EA 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	2,924.79	58.05
<b>28 21 31 00-0760 Video Multiplexer Accessories (28 21 31 00-0749)</b>		
28 21 31 00-0761 EA Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	1,369.17	39.64
28 21 31 00-0762 EA Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002).....	798.26	39.64
28 21 31 00-0763 EA Video Multiplexer Server (Pelco MX4000SVR).....	2,310.32	58.05
<b>28 21 31 00-0764 Quad Video Processor (28 21 31 00-0748)</b>		
28 21 31 00-0765 EA Monochrome, Quad Video Processor (Pelco QD104M).....	712.64	29.03
28 21 31 00-0766 EA Color, Quad Video Processor (Pelco QD104C).....	1,171.20	29.03
<b>28 21 31 00-0767 Switcher (28 21 31 00-0748)</b>		
<b>28 21 31 00-0768 Terminating Manual Switchers (28 21 31 00-0767)</b>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 21 31 00-0769</b> Terminating Manual Switchers <small>(28 21 31 00-0768)</small>		
28 21 31 00-0770 EA 4 Inputs, Terminating Manual Switcher (Pelco MS504DT) .....	244.77	23.22
28 21 31 00-0771 EA 8 Inputs, Terminating Manual Switcher (Pelco MS508DT) .....	334.19	23.22
28 21 31 00-0772 EA 12 Inputs, Terminating Manual Switcher (Pelco MS512DT) .....	407.56	23.22
28 21 31 00-0773 EA 18 Inputs, Terminating Manual Switcher (Pelco MS518DT) .....	670.08	23.22
<b>28 21 31 00-0774</b> Audio Follow, Terminating Manual Switchers <small>(28 21 31 00-0768)</small>		
28 21 31 00-0775 EA 4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF) .....	318.14	23.22
28 21 31 00-0776 EA 8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF) .....	564.61	23.22
28 21 31 00-0777 EA 18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF) .....	989.93	23.22
<b>28 21 31 00-0778</b> Balanced Audio Follow, Terminating Manual Switchers <small>(28 21 31 00-0768)</small>		
28 21 31 00-0779 EA 4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF) .....	427.04	23.22
28 21 31 00-0780 EA 8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF) .....	787.01	23.22
<b>28 21 31 00-0781</b> Looping Manual Switchers <small>(28 21 31 00-0767)</small>		
<b>28 21 31 00-0782</b> Looping Manual Switchers <small>(28 21 31 00-0781)</small>		
28 21 31 00-0783 EA 4 Inputs, Looping Manual Switcher (Pelco MS504LDT) .....	274.57	23.22
28 21 31 00-0784 EA 8 Inputs, Looping Manual Switcher (Pelco MS508LDT) .....	378.90	23.22
28 21 31 00-0785 EA 12 Inputs, Looping Manual Switcher (Pelco MS512LDT) .....	484.36	23.22
28 21 31 00-0786 EA 18 Inputs, Looping Manual Switcher (Pelco MS518LDT) .....	801.92	23.22
<b>28 21 31 00-0787</b> Audio Follow, Looping Manual Switchers <small>(28 21 31 00-0781)</small>		
28 21 31 00-0788 EA 4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL) .....	343.36	23.22
28 21 31 00-0789 EA 8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL) .....	603.59	23.22
28 21 31 00-0790 EA 12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL) .....	830.58	23.22
<b>28 21 31 00-0791</b> Balanced Audio Follow, Looping Manual Switchers <small>(28 21 31 00-0781)</small>		
28 21 31 00-0792 EA 4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL) .....	458.00	23.22
28 21 31 00-0793 EA 8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL) .....	834.02	23.22
28 21 31 00-0794 EA 12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL) .....	1,050.69	23.22
<b>28 21 31 00-0795</b> Sequential Switchers <small>(28 21 31 00-0767)</small>		
<b>28 21 31 00-0796</b> Single Output, Sequential Switchers <small>(28 21 31 00-0795)</small>		
28 21 31 00-0797 EA 4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104) .....	485.51	23.22
28 21 31 00-0798 EA 8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108) .....	726.26	23.22
<b>28 21 31 00-0799</b> Dual Outputs, Sequential Switchers <small>(28 21 31 00-0795)</small>		
28 21 31 00-0800 EA 4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204) .....	608.18	23.22
28 21 31 00-0801 EA 8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208) .....	844.33	23.22
<b>28 21 31 00-0802</b> Controls <small>(28 21 31 00-0748)</small>		
<b>28 21 31 00-0803</b> Direct/Multi-Cable Controls <small>(28 21 31 00-0802)</small>		
28 21 31 00-0804 EA Scanner Control Module (Pelco MPS524DT) .....	409.59	58.05
28 21 31 00-0805 EA 120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT) .....	438.25	58.05
28 21 31 00-0806 EA 24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT) .....	487.54	58.05
28 21 31 00-0807 EA Motorized Zoom Lens Control Module (Pelco MLZ6DT) .....	510.47	58.05
28 21 31 00-0808 EA 120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT) .....	813.12	58.05
28 21 31 00-0809 EA 24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT) .....	896.81	58.05
<b>28 21 31 00-0810</b> Coaxitron Controls <small>(28 21 31 00-0802)</small>		
28 21 31 00-0811 EA Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000) .....	585.03	39.64
28 21 31 00-0812 EA 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000) .....	1,124.99	39.64
28 21 31 00-0813 EA Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008) .....	1,279.75	39.64
<b>28 21 31 00-0814</b> Digital Controls <small>(28 21 31 00-0802)</small>		
28 21 31 00-0815 EA Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A) .....	792.53	39.64
28 21 31 00-0816 EA Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A) .....	1,357.70	39.64
<b>28 21 31 00-0817</b> Lock Boxes <small>(28 21 31 00-0748)</small>		
28 21 31 00-0818 EA VCR Lock Box (Pelco LB1000) .....	487.17	43.53
For Wall Mount, Add	165.00	

**28 Electronic Safety and Security****28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0819	EA		Computer Disk Drive Lock Box (Pelco LB2000) .....	498.64	43.53
28 21 31 00-0820	EA		VCR And Multiplexer Lock Box (Pelco LB3000) .....	922.81	43.53
			Note: Includes storage for 32 VCR tapes.		
<b>28 21 31 00-0821</b>			<b>Test And Certification Of Surveillance Camera System (28 21 31)</b>		
28 21 31 00-0822	DAY		Test And Certification Of Surveillance Camera System To Tie Into Existing Systems .....	921.08	
28 21 31 00-0823	HR		Test And Certification Of Surveillance Camera System .....	287.84	
<b>28 21 31 00-0824</b>			<b>Programming Of Surveillance Camera System (28 21 31)</b>		
28 21 31 00-0825	HR		Programming Of Surveillance Camera (CCTV) System .....	230.27	
<b>28 21 31 00-0826</b>			<b>Removal And Reinstallation Of Cameras (28 21 31)</b>		
			Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0827	EA		Removal And Reinstallation Of Camera System .....	522.46	

**28 40 Life Safety (28)**

Note: Includes testing of new devices and certification.

**28 42 Gas Detection and Alarm (28 40)****28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems (28 42)****28 42 11 00-0001 Monitoring System For Underground Tanks (28 42 11)****28 42 11 00-0002 Continuous Leak Detection System (28 42 11 00-0001)**

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA		Single Channel Underground Tank Monitoring System .....	15,022.00	475.21
28 42 11 00-0004	EA		2 Channel Underground Tank Monitoring System .....	20,282.67	634.00
28 42 11 00-0005	EA		3 Channel Underground Tank Monitoring System .....	29,114.29	679.19
28 42 11 00-0006	EA		4 Channel Underground Tank Monitoring System .....	30,804.01	950.41
28 42 11 00-0007	EA		Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System .....	22,767.77	81.13
28 42 11 00-0008	EA		Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System .....	20,533.29	72.44
28 42 11 00-0009	EA		Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System .....	27,027.67	81.13
28 42 11 00-0010	EA		Tank Leak Detection Probe .....	8,381.12	17.39
28 42 11 00-0011	EA		Secondary Containment Collar Probe .....	1,013.85	6.96
28 42 11 00-0012	EA		Interstitial Leak Detection Probe .....	1,855.00	14.48
28 42 11 00-0013	EA		Liquid Phase Detection .....	6,130.08	43.46
28 42 11 00-0014	EA		Hydrocarbon Vapor, Fixed .....	5,651.93	43.46
28 42 11 00-0015	EA		Hydrocarbon Vapor, Float Mounted .....	6,613.72	49.26
28 42 11 00-0016	EA		Liquid And Vapor Hydrocarbon .....	7,570.02	49.26

**28 42 15 Gas Detection Sensors (28 42)****28 42 15 00-0001 Hydrogen Gas Detection (28 42 15)**

28 42 15 00-0002	EA		Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR) .....	2,050.08	43.53
28 42 15 00-0003	EA		Hydrogen Gas Detector Junction Box (SBS HGDI-JB) .....	105.80	14.51
28 42 15 00-0004	EA		Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM) .....	514.77	43.53

**28 43 Fuel Oil Detection and Alarm (28 40)**

See CSI section 28 42 00 00-0000 for detection and alarms.

**28 46 Fire Detection and Alarm (28 40)****28 46 13 Fire-Alarm Systems (28 46)****28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems (28 46 13)**

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001			Edwards Fire Alarm (28 46 13 31)		
28 46 13 31-0002			EST3 Life Safety And Security Control (28 46 13 31-0001)		
28 46 13 31-0003			EST3 Network (28 46 13 31-0002)		
28 46 13 31-0004			Remote Annunciators (28 46 13 31-0003)		
28 46 13 31-0005	EA		Remote LCD Command Module Annunciator (EST3 3-LCDANN) .....	1,645.95	87.08
			Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 46 13 31-0006	EA		Six Position Base Annunciator (EST3 3-6ANN) .....	1,338.06	87.08
			Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0007	EA		Ten Position Base Annunciator (EST3 3-10ANN) .....	1,697.08	87.08
			Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0008	EA		Annunciator CPU (EST3 3-ANNCPU3) .....	1,075.25	87.08
			Note: One Required per graphic annunciator.		
28 46 13 31-0009	EA		Annunciator Support Module (EST3 3-ANNSM) .....	195.17	29.03
			Note: Takes one space in Annunciator box. Supports one Control/Display module.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0010 EA Liquid Crystal Display Module (EST3 3-LCD).....	684.93	87.08
Note: Mounts over 3-CPU(1).		
28 46 13 31-0011 EA Liquid Crystal Display Module (EST3 3-LCDXL).....	643.38	87.08
Note: Mounts over 3-ANNCPU plus two spaces.		
28 46 13 31-0012 EA LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA).....	774.93	87.08
Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.		
28 46 13 31-0013 EA Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA).....	912.11	58.05
Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.		
28 46 13 31-0014 EA Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX).....	134.05	29.03
Note: Mounts up to three 3-EVDVRA modules.		
28 46 13 31-0015 EA Central Processor Unit Module (EST3 3-CPU3).....	1,952.53	87.08
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 46 13 31-0016 EA 120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3).....	1,732.96	29.03
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
<b>28 46 13 31-0017 Remote Annunciators Cabinets</b> (28 46 13 31-0003)		
28 46 13 31-0018 EA Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCMB).....	144.98	29.03
28 46 13 31-0019 EA Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCMB-S).....	133.37	23.22
28 46 13 31-0020 EA Six Position LED/LCD Flush Wallbox (EST3 6ANN/B).....	164.28	29.03
28 46 13 31-0021 EA Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S).....	152.67	23.22
28 46 13 31-0022 EA Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B).....	182.37	29.03
28 46 13 31-0023 EA Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S).....	170.76	23.22
<b>28 46 13 31-0024 Audio And Telephone Masters</b> (28 46 13 31-0003)		
28 46 13 31-0025 EA Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT).....	5,398.45	116.11
28 46 13 31-0026 EA Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4).....	2,995.61	116.11
28 46 13 31-0027 EA Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU).....	1,771.83	116.11
28 46 13 31-0028 EA Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU).....	2,830.40	116.11
28 46 13 31-0029 EA Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100).....	3,235.82	116.11
28 46 13 31-0030 EA Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95).....	1,735.99	58.05
<b>28 46 13 31-0031 Battery Distribution Unit</b> (28 46 13 31-0003)		
28 46 13 31-0032 EA Battery Distribution Unit (EST3 3-BTSEN).....	574.63	458.54
<b>28 46 13 31-0033 Remote Booster Power Supply</b> (28 46 13 31-0003)		
28 46 13 31-0034 EA 6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A).....	925.14	87.08
28 46 13 31-0035 EA 10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10).....	1,058.76	87.08
28 46 13 31-0036 EA 10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220).....	1,157.22	87.08
28 46 13 31-0037 EA Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	148.22	29.03
<b>28 46 13 31-0038 Batteries And Battery Cabinets</b> (28 46 13 31-0003)		
28 46 13 31-0039 EA 1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours)).....	111.52	29.03
28 46 13 31-0040 EA 4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours)).....	140.55	29.03
28 46 13 31-0041 EA 24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours)).....	340.82	29.03
28 46 13 31-0042 EA 6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours)).....	152.17	29.03
28 46 13 31-0043 EA 40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours)).....	433.80	29.03
28 46 13 31-0044 EA 10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours)).....	241.33	29.03
28 46 13 31-0045 EA 50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours)).....	886.77	29.03
28 46 13 31-0046 EA 17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours)).....	247.33	29.03
28 46 13 31-0047 EA 65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours)).....	1,068.90	29.03
28 46 13 31-0048 EA 8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours)).....	134.89	29.03
28 46 13 31-0049 EA 10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours)).....	120.39	29.03
28 46 13 31-0050 EA 14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1).....	439.97	58.05
Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.		
28 46 13 31-0051 EA 22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2).....	361.78	58.05
Note: Holds up to two 12V17A batteries.		
28 46 13 31-0052 EA Remote Closet Enclosure (EST3 3-RCC7R).....	1,253.55	116.11
28 46 13 31-0053 EA Remote Closet Enclosure (EST3 3-RCC14R).....	1,561.35	116.11
28 46 13 31-0054 EA Remote Closet Enclosure (EST3 3-RCC21R).....	2,199.61	116.11
<b>28 46 13 31-0055 Serial Printer</b> (28 46 13 31-0003)		
28 46 13 31-0056 EA System Printer - Desk Top Style (EST3 PT-1S).....	907.14	29.03
<b>28 46 13 31-0057 Intelligent Analog Initiating Devices</b> (28 46 13 31-0002)		
<b>28 46 13 31-0058 Detectors, Signature</b> (28 46 13 31-0057)		
28 46 13 31-0059 EA Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS).....	262.17	43.53
28 46 13 31-0060 EA Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB).....	295.96	43.53
28 46 13 31-0061 EA Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS).....	252.10	43.53
28 46 13 31-0062 EA Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	221.90	43.53
28 46 13 31-0063 EA Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	231.97	43.53



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0064	EA		135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS) .....	188.22	43.53
28 46 13 31-0065	EA		135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS) .....	188.22	43.53
28 46 13 31-0066	EA		Passive Infrared Motion Detector (EST3 SIGA-MD) .....	304.95	43.53
28 46 13 31-0067	EA		Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS) .....	337.93	43.53
28 46 13 31-0068	EA		Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS) .....	283.35	43.53
28 46 13 31-0069	EA		Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS) .....	414.27	43.53
28 46 13 31-0070	EA		135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS) .....	234.50	43.53
28 46 13 31-0071	EA		135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS) .....	234.50	43.53
28 46 13 31-0072	EA		Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS) .....	327.34	43.53
<b>28 46 13 31-0073</b>			<b>Detectors, Duct Housings and Accessories, Signature</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0074	EA		Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD) .....	534.12	72.56
28 46 13 31-0075	EA		Superduct, Test Magnet Kit (EST3 SD-MAG) .....	21.81	
28 46 13 31-0076	EA		Superduct, 120" Air Sample Tube (EST3 SD-T120) .....	68.34	17.42
28 46 13 31-0077	EA		Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK) .....	138.48	23.22
28 46 13 31-0078	EA		Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS) .....	189.58	23.22
28 46 13 31-0079	EA		High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL) .....	80.17	23.22
<b>28 46 13 31-0080</b>			<b>Modules, Signature</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0081	EA		Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB) .....	249.94	29.03
28 46 13 31-0082	EA		Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1) .....	109.73	29.03
28 46 13 31-0083	EA		Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2) .....	145.78	29.03
28 46 13 31-0084	EA		Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2) .....	223.00	29.03
28 46 13 31-0085	EA		Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1) .....	159.38	29.03
28 46 13 31-0086	EA		Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2) .....	166.86	29.03
28 46 13 31-0087	EA		Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR) .....	128.78	29.03
			Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).		
28 46 13 31-0088	EA		Control Relay UIO (Plug In) Module (EST3 SIGA-MCR) .....	192.87	29.03
28 46 13 31-0089	EA		Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S) .....	260.17	29.03
28 46 13 31-0090	EA		Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO) .....	253.41	29.03
28 46 13 31-0091	EA		Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO) .....	243.35	29.03
28 46 13 31-0092	EA		Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM) .....	222.47	193.45
28 46 13 31-0093	EA		Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1) .....	160.78	29.03
			Note: Factory programmed for non-latching monitor operation.		
28 46 13 31-0094	EA		Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S) .....	261.28	29.03
<b>28 46 13 31-0095</b>			<b>Module Accessories, Signature</b> <small>(28 46 13 31-0057)</small>		
			Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096	EA		Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4) .....	62.85	14.51
28 46 13 31-0097	EA		Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6) .....	219.74	29.03
28 46 13 31-0098	EA		Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P) .....	22.45	8.70
28 46 13 31-0099	EA		Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1) .....	74.50	14.51
28 46 13 31-0100	EA		Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2) .....	66.13	14.51
28 46 13 31-0101	EA		Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L) .....	69.44	14.51
<b>28 46 13 31-0102</b>			<b>Single Action Pull Stations, Signature</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0103	EA		One Stage Fire Alarm Station, English Markings (EST3 SIGA-270) .....	267.73	60.37
28 46 13 31-0104	EA		Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P) .....	318.23	60.37
28 46 13 31-0105	EA		GA Key - For Pre Signal Station (EST3 276-K2) .....	37.26	31.45
28 46 13 31-0106	EA		20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR) .....	46.99	41.18
28 46 13 31-0107	EA		Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB) .....	68.25	45.03
<b>28 46 13 31-0108</b>			<b>Double Action Pull Stations, Signature</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0109	EA		Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278) .....	197.04	60.37
28 46 13 31-0110	EA		12 Glass Rods For SIGA-278 Series (EST3 276-GLR) .....	47.71	5.80
<b>28 46 13 31-0111</b>			<b>Detector Bases and Accessories, Signature</b> <small>(28 46 13 31-0057)</small>		
			Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112	EA		Audible (Sounder) Base (EST3 SIGA-AB4G) .....	137.56	14.51
28 46 13 31-0113	EA		Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB) .....	49.33	14.51
28 46 13 31-0114	EA		Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4) .....	172.60	14.51
28 46 13 31-0115	EA		Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG) .....	96.50	14.51



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0116 EA Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB) .....	113.33	14.51
28 46 13 31-0117 EA Detector Mounting Plate (EST3 SIGA-DMP) .....	180.65	14.51
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0118 EA Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED) .....	62.85	14.51
28 46 13 31-0119 EA Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS) .....	22.60	8.70
28 46 13 31-0120 EA Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4) .....	22.60	8.70
28 46 13 31-0121 EA Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF) .....	68.06	8.70
28 46 13 31-0122 EA Detector Base With Isolator (EST3 SIGA-IB) .....	111.62	14.51
28 46 13 31-0123 EA Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4) .....	118.84	14.51
28 46 13 31-0124 EA Detector Base With Form 'C' Relay (EST3 SIGA-RB) .....	64.39	14.51
28 46 13 31-0125 EA Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4) .....	99.04	14.51
28 46 13 31-0126 EA Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4) .....	40.59	14.51
<b>28 46 13 31-0127</b> <b>Controllers, Signature</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0128 EA Signature Dual Driver Controller (EST3 3-SDDC1) .....	3,870.79	87.08
28 46 13 31-0129 EA Single Signature Loop Controller (EST3 3-SSDC1) .....	2,211.28	87.08
28 46 13 31-0130 EA Signature Loop Controller (EST3 3-SDC1) .....	1,984.76	87.08
28 46 13 31-0131 EA Analog Addressable Loop Controller (EST3 3-AADC1) .....	3,191.83	87.08
<b>28 46 13 31-0132</b> <b>Relays And Accessories</b> <small>(28 46 13 31-0057)</small>		
28 46 13 31-0133 EA Multi Voltage Relay (EST3 MR101) .....	200.54	29.03
28 46 13 31-0134 EA Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T) .....	58.56	14.51
<b>28 46 13 31-0135</b> <b>Notification Appliances</b> <small>(28 46 13 31-0002)</small>		
<b>28 46 13 31-0136</b> <b>Wall Strobes, Horns And Chimes</b> <small>(28 46 13 31-0135)</small>		
28 46 13 31-0137 EA Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM) .....	159.06	43.53
28 46 13 31-0138 EA Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM) .....	159.06	43.53
28 46 13 31-0139 EA Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM) .....	182.50	43.53
28 46 13 31-0140 EA Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD) .....	132.64	43.53
28 46 13 31-0141 EA Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD) .....	132.64	43.53
28 46 13 31-0142 EA Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD) .....	132.64	43.53
28 46 13 31-0143 EA Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD) .....	132.64	43.53
28 46 13 31-0144 EA Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P) .....	110.45	43.53
28 46 13 31-0145 EA Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P) .....	110.45	43.53
28 46 13 31-0146 EA Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P) .....	110.45	43.53
28 46 13 31-0147 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM) .....	278.18	43.53
28 46 13 31-0148 EA Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM) .....	278.18	43.53
28 46 13 31-0149 EA Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C) .....	179.64	43.53
28 46 13 31-0150 EA Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C) .....	179.64	43.53
28 46 13 31-0151 EA Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575) .....	159.06	43.53
28 46 13 31-0152 EA Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM) .....	159.06	43.53
28 46 13 31-0153 EA Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM) .....	159.06	43.53
28 46 13 31-0154 EA Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575) .....	159.06	43.53
28 46 13 31-0155 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM) .....	165.65	43.53
28 46 13 31-0156 EA Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM) .....	165.65	43.53
28 46 13 31-0157 EA Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH) .....	181.06	43.53
28 46 13 31-0158 EA Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM) .....	165.65	43.53
28 46 13 31-0159 EA Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH) .....	165.65	43.53
28 46 13 31-0160 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE) .....	96.02	43.53
28 46 13 31-0161 EA Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE) .....	96.02	43.53
<b>28 46 13 31-0162</b> <b>Wall Speakers And Speaker Strobes</b> <small>(28 46 13 31-0135)</small>		
28 46 13 31-0163 EA Multi-Wattage 25 VRMS Speaker (EST3 G4-S2) .....	130.65	43.53
28 46 13 31-0164 EA Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM) .....	205.00	43.53
28 46 13 31-0165 EA Multi-Wattage 70 VRMS Speaker (EST3 G4-S7) .....	130.65	43.53
28 46 13 31-0166 EA Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM) .....	205.00	43.53
28 46 13 31-0167 EA Surface Box, White, For Genesis Speaker (EST3 G4B) .....	64.56	23.22
28 46 13 31-0168 EA Surface Box, Red, For Genesis Speaker (EST3 G4RB) .....	64.56	23.22
<b>28 46 13 31-0169</b> <b>Ceiling Speakers And Speaker Strobes</b> <small>(28 46 13 31-0135)</small>		
28 46 13 31-0170 EA Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7) .....	157.62	43.53
28 46 13 31-0171 EA Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM) .....	205.00	43.53
28 46 13 31-0172 EA Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH) .....	220.01	43.53
<b>28 46 13 31-0173</b> <b>Harsh Environment Signals</b> <small>(28 46 13 31-0135)</small>		
28 46 13 31-0174 EA Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T) .....	139.16	43.53
28 46 13 31-0175 EA 15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T) .....	198.34	43.53
28 46 13 31-0176 EA 110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T) .....	198.34	43.53



**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0177	EA		15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T).....	180.75	43.53
28 46 13 31-0178	EA		15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T).....	169.05	43.53
28 46 13 31-0179	EA		30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T).....	180.75	43.53
28 46 13 31-0180	EA		60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T).....	180.75	43.53
28 46 13 31-0181	EA		110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T).....	180.75	43.53
28 46 13 31-0182	EA		15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T).....	199.62	49.35
28 46 13 31-0183	EA		110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	199.62	49.35
28 46 13 31-0184	EA		15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T).....	146.30	43.53
28 46 13 31-0185	EA		30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T).....	192.72	43.53
<b>28 46 13 31-0186</b>			<b>Fire Alarm Bells</b> (28 46 13 31-0135)		
28 46 13 31-0187	EA		10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW).....	214.76	43.53
28 46 13 31-0188	EA		6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW).....	170.56	43.53
28 46 13 31-0189	EA		10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW).....	189.42	43.53
<b>28 46 13 31-0190</b>			<b>Multiple Tone Signal</b> (28 46 13 31-0135)		
28 46 13 31-0191	EA		27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW).....	1,413.23	1,369.68
<b>28 46 13 31-0192</b>			<b>Multi-Purpose Loudspeaker</b> (28 46 13 31-0135)		
28 46 13 31-0193	EA		15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	285.25	43.53
28 46 13 31-0194	EA		15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	285.25	43.53
<b>28 46 13 31-0195</b>			<b>Bell/Strobe Plate</b> (28 46 13 31-0135)		
28 46 13 31-0196	EA		Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	144.11	23.22
<b>28 46 13 31-0197</b>			<b>Mounting Accessories</b> (28 46 13 31-0135)		
28 46 13 31-0198	EA		Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11).....	65.93	23.22
28 46 13 31-0199	EA		One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	65.93	23.22
28 46 13 31-0200	EA		Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	65.93	23.22
28 46 13 31-0201	EA		Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21).....	65.93	23.22
28 46 13 31-0202	EA		Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	65.93	23.22
<b>28 46 13 31-0203</b>			<b>Firefighters' Telephones</b> (28 46 13 31-0135)		
28 46 13 31-0204	EA		Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	1,260.61	72.56
28 46 13 31-0205	EA		Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	702.88	72.56
28 46 13 31-0206	EA		Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	502.03	72.56
28 46 13 31-0207	EA		Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	362.01	72.56
28 46 13 31-0208	EA		Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	677.88	72.56
28 46 13 31-0209	EA		Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	411.98	72.56
28 46 13 31-0210	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4).....	766.39	72.56
28 46 13 31-0211	EA		Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	428.64	72.56
28 46 13 31-0212	EA		Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4).....	879.74	72.56
28 46 13 31-0213	EA		Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	93.18	23.22
28 46 13 31-0214	EA		Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	107.68	23.22
28 46 13 31-0215	EA		Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	155.85	
28 46 13 31-0216	EA		Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	155.85	
28 46 13 31-0217	EA		Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	232.06	29.03
28 46 13 31-0218	EA		Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2).....	289.77	29.03
28 46 13 31-0219	EA		Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	203.20	29.03
28 46 13 31-0220	EA		Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4).....	194.72	29.03
28 46 13 31-0221	EA		Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	139.81	43.53
28 46 13 31-0222	EA		Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	1,304.47	58.05
<b>28 46 13 31-0223</b>			<b>Mass Notification EC Appliances</b> (28 46 13 31-0135)		
28 46 13 31-0224	EA		G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	165.70	43.53
28 46 13 31-0225	EA		G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	159.70	43.53
28 46 13 31-0226	EA		G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	165.70	43.53
28 46 13 31-0227	EA		G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	159.70	43.53
28 46 13 31-0228	EA		G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	24.59	8.70
<b>28 46 13 31-0229</b>			<b>Hazardous Location Devices</b> (28 46 13 31-0002)		
<b>28 46 13 31-0230</b>			<b>Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location</b> (28 46 13 31-0229)		
28 46 13 31-0231	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	145.66	43.53
28 46 13 31-0232	EA		Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	145.66	43.53
28 46 13 31-0233	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	151.97	43.53
28 46 13 31-0234	EA		Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194).....	151.97	43.53



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0235 EA Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135).....	210.32	43.53
28 46 13 31-0236 EA Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194).....	210.32	43.53
28 46 13 31-0237 EA Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	151.97	43.53
28 46 13 31-0238 EA Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	151.97	43.53
<b>28 46 13 31-0239 Hazardous Locations Fire Alarm Station (28 46 13 31-0229)</b>		
28 46 13 31-0240 EA Hazardous Location Fire Alarm Station (EST3 XAL53).....	1,336.23	72.56
28 46 13 31-0241 EA Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE).....	1,271.52	72.56
<b>28 46 13 31-0242 Hazardous Location Strobes (28 46 13 31-0229)</b>		
28 46 13 31-0243 EA Explosion Proof Strobe (EST3 116DEXSTC-FJ).....	1,996.73	43.53
28 46 13 31-0244 EA Wall Bracket Mounting Elbow (EST3 116EX-B).....	371.60	14.51
28 46 13 31-0245 EA Ceiling / Wall Mounting Module (EST3 116EX-C).....	486.41	17.42
28 46 13 31-0246 EA Pendant Mounting Module (EST3 116EX-P).....	356.17	17.42
<b>28 46 13 31-0247 Hazardous Location Bells (28 46 13 31-0229)</b>		
28 46 13 31-0248 EA 6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW).....	1,438.88	43.53
28 46 13 31-0249 EA 8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW).....	1,476.34	43.53
28 46 13 31-0250 EA 10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW).....	1,489.83	43.53
<b>28 46 13 31-0251 Hazardous Location Horns (28 46 13 31-0229)</b>		
28 46 13 31-0252 EA Hazardous Location Horns (EST3 888D-N5).....	1,406.59	43.53
28 46 13 31-0253 EA Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW).....	1,147.35	43.53
<b>28 46 13 31-0254 Door Holders And Relays (28 46 13 31-0002)</b>		
<b>28 46 13 31-0255 Electromagnetic Door Holders (28 46 13 31-0254)</b>		
28 46 13 31-0256 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5).....	245.63	43.53
28 46 13 31-0257 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5).....	320.82	43.53
28 46 13 31-0258 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5).....	207.23	43.53
28 46 13 31-0259 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5).....	207.23	43.53
28 46 13 31-0260 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5).....	210.71	43.53
28 46 13 31-0261 EA 24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5).....	214.01	43.53
<b>28 46 13 31-0262 Control Relays, Multi-Voltage (28 46 13 31-0254)</b>		
28 46 13 31-0263 EA Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1).....	49.68	8.70
<b>28 46 13 31-0264 FireShield Plus (28 46 13 31-0002)</b>		
<b>28 46 13 31-0265 3 Zone System (28 46 13 31-0264)</b>		
28 46 13 31-0266 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R).....	1,310.79	348.31
28 46 13 31-0267 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD).....	1,917.49	464.40
28 46 13 31-0268 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G).....	1,310.79	348.31
28 46 13 31-0269 EA Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD).....	1,917.49	464.40
28 46 13 31-0270 EA Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	93.82	14.51
28 46 13 31-0271 EA Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	93.82	14.51
<b>28 46 13 31-0272 5 Zone System (28 46 13 31-0264)</b>		
28 46 13 31-0273 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R).....	1,415.65	348.31
28 46 13 31-0274 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD).....	2,016.36	464.40
28 46 13 31-0275 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G).....	1,415.65	348.31
28 46 13 31-0276 EA Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD).....	2,016.36	464.40
28 46 13 31-0277 EA Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	93.82	14.51
28 46 13 31-0278 EA Semi-Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	93.82	14.51

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0279			<b>10 Zone System</b> (28 46 13 31-0264)		
28 46 13 31-0280	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R) .....	2,052.31	464.40
28 46 13 31-0281	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD) .....	2,659.02	580.51
28 46 13 31-0282	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G) .....	2,007.37	464.40
28 46 13 31-0283	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD) .....	2,659.02	580.51
28 46 13 31-0284	EA		Semi-Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G) .....	110.04	14.51
28 46 13 31-0285	EA		NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120) .....	200.71	29.03
28 46 13 31-0286			<b>FireShield Plus Off Premise Communication Options</b> (28 46 13 31-0264)		
28 46 13 31-0287	EA		F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	447.53	29.03
28 46 13 31-0288			<b>FireShield Plus Remote LED Annunciators</b> (28 46 13 31-0264)		
28 46 13 31-0289	EA		Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI) .....	184.29	43.53
28 46 13 31-0290	EA		Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A) .....	184.29	43.53
28 46 13 31-0291	EA		Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA) .....	191.94	43.53
28 46 13 31-0292	EA		Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2) .....	36.91	8.70
28 46 13 31-0293	EA		Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3) .....	46.68	8.70
28 46 13 31-0294	EA		Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4) .....	70.17	8.70
28 46 13 31-0295			<b>FireShield Plus Remote 10 Zone LED Annunciators</b> (28 46 13 31-0264)		
28 46 13 31-0296	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10) .....	596.40	43.53
28 46 13 31-0297	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSRA10C) .....	656.32	43.53
28 46 13 31-0298	EA		Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1) .....	207.85	29.03
28 46 13 31-0299			<b>FireShield Plus Remote Relays And Interfaces</b> (28 46 13 31-0264)		
28 46 13 31-0300	EA		Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24) .....	220.07	29.03
28 46 13 31-0301	EA		11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRM's In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11) .....	90.03	17.42
28 46 13 31-0302	EA		Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM) .....	354.65	29.03
28 46 13 31-0303			<b>FireShield Plus Accessories</b> (28 46 13 31-0264)		
28 46 13 31-0304	EA		Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1) .....	20.16	
28 46 13 31-0305	EA		4.7k UL End Of Line Resistor With FireShield Panels (EST3 EOL47PK7) .....	11.96	
28 46 13 31-0306			<b>iO Series Fire Control Panels</b> (28 46 13 31-0002)		
28 46 13 31-0307			<b>Intelligent Analog Control Panels</b> (28 46 13 31-0306)		
28 46 13 31-0308	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G) .....	3,903.92	580.51
28 46 13 31-0309	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD) .....	4,194.53	580.51
28 46 13 31-0310	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G) .....	3,115.95	464.40
28 46 13 31-0311	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD) .....	3,250.77	464.40
28 46 13 31-0312			<b>Option Modules And Accessories For iO Series</b> (28 46 13 31-0306)		
28 46 13 31-0313	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1) .....	386.68	43.53
28 46 13 31-0314	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2) .....	236.88	43.53
28 46 13 31-0315	EA		Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232) .....	236.88	43.53
28 46 13 31-0316	EA		Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA) .....	207.85	29.03
28 46 13 31-0317	EA		Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT) .....	435.92	23.22
28 46 13 31-0318	EA		Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH) .....	795.44	23.22
28 46 13 31-0319	EA		Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1) .....	91.95	14.51
28 46 13 31-0320	EA		Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2) .....	106.93	14.51
28 46 13 31-0321	EA		Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250) .....	1,464.31	58.05



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 46 13 31-0322</b>				<b>Remote Annunciators For iO Series</b> <small>(28 46 13 31-0306)</small>		
			EA	Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	798.62	43.53
			EA	Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C).....	836.08	43.53
<b>28 46 13 31-0325</b>				<b>Remote Annunciator Accessories</b> <small>(28 46 13 31-0306)</small>		
			EA	24 Expander Cable Assembly, With Cable And Hardware (EST3 730073).....	88.95	14.51
			EA	12 Expander Cable (Cable Only) (EST3 7120313-01).....	58.99	14.51
			EA	24 Expander Cable (Cable Only) (EST3 7120313-02).....	81.45	14.51
			EA	Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1).....	236.88	43.53
			EA	Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2).....	274.32	43.53
			EA	Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3).....	311.78	43.53
			EA	Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC).....	58.99	14.51
			EA	Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC).....	58.99	14.51
			EA	Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY).....	124.45	14.51
<b>28 46 13 31-0335</b>				<b>System Accessories</b> <small>(28 46 13 31-0306)</small>		
			EA	Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1).....	439.97	58.05
			EA	Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A).....	1,951.05	464.40
<b>28 46 13 31-0338</b>				<b>Conventional Initiating Devices</b> <small>(28 46 13 31-0002)</small>		
<b>28 46 13 31-0339</b>				<b>Detectors, Heat, Double Pole</b> <small>(28 46 13 31-0338)</small>		
				Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
			EA	Heat Detector, 135 Degree F Fixed Temperature (CF135-2).....	167.80	43.53
			EA	Heat Detector, 200 Degree F Fixed Temperature (CF200-2).....	167.80	43.53
			EA	Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2).....	167.80	43.53
			EA	Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2).....	167.80	43.53
<b>28 46 13 31-0344</b>				<b>Detectors, Rate Compensation Heat, Accessories</b> <small>(28 46 13 31-0338)</small>		
			EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P).....	100.12	43.53
			EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11).....	291.32	23.22
			EA	4" Weatherproof, Octagon Back Box And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27).....	87.24	29.03
<b>28 46 13 31-0348</b>				<b>Detectors, Heat, Fire-Lite</b> <small>(28 46 13 31-0338)</small>		
				Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
			EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135).....	156.28	43.53
			EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194).....	156.28	43.53
<b>28 46 13 31-0351</b>				<b>Audio Notification Systems (Standalone Voice Evacuation)</b> <small>(28 46 13 31-0002)</small>		
<b>28 46 13 31-0352</b>				<b>Audio Notification Panels</b> <small>(28 46 13 31-0351)</small>		
			EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG).....	5,610.08	580.51
			EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR).....	5,610.08	580.51
			EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG).....	4,157.02	580.51
			EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR).....	4,157.02	580.51
			EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG).....	4,876.06	580.51
			EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR).....	4,876.06	580.51
<b>28 46 13 31-0359</b>				<b>Audio Notification Expander Panels</b> <small>(28 46 13 31-0351)</small>		
			EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG).....	4,276.86	580.51
			EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR).....	4,276.86	580.51
			EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG).....	2,868.74	580.51

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0363	EA		Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR).....	2,868.74	580.51
28 46 13 31-0364	EA		Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG) .....	3,692.64	580.51
28 46 13 31-0365	EA		Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR).....	3,692.64	580.51
<b>28 46 13 31-0366</b>			<b>Audio Notification Output Accessories</b> (28 46 13 31-0351)		
28 46 13 31-0367	EA		Zone Adapter, 1 Circuit To 2 Circuit's (GE ANSZC2B) .....	163.85	14.51
28 46 13 31-0368	EA		Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A).....	732.15	29.03
28 46 13 31-0369	EA		Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B).....	732.15	29.03
28 46 13 31-0370	EA		Class A Converter (GE ANSZSC4A) .....	522.43	29.03
<b>28 46 13 31-0371</b>			<b>Audio Notification Remote Microphone</b> (28 46 13 31-0351)		
28 46 13 31-0372	EA		Microphone (GE ANSMIKE) .....	192.87	29.03
28 46 13 31-0373	EA		Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG).....	807.05	29.03
28 46 13 31-0374	EA		Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR).....	807.05	29.03
28 46 13 31-0375	EA		Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP).....	178.83	14.51
28 46 13 31-0376	EA		Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR) .....	96.43	14.51
<b>28 46 13 31-0377</b>			<b>Audio Notification Accessories</b> (28 46 13 31-0351)		
28 46 13 31-0378	EA		Audio Matching - Line Input/Output Card (GE ANSAUX).....	327.69	29.03
28 46 13 31-0379	EA		Class B Backup Amplifier Switching Module (GE ANSBKUP).....	327.69	29.03
28 46 13 31-0380	EA		Class A Backup Amplifier Switching Module (GE ANSBKUPA).....	327.69	29.03
28 46 13 31-0381	EA		Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRIS8) .....	732.15	29.03
<b>28 46 13 31-0382</b>			<b>Audio Notification Modules, Without Cabinet And Transformer</b> (28 46 13 31-0351)		
28 46 13 31-0383	EA		100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A) .....	2,677.69	58.05
			Note: Excludes cabinet.		
28 46 13 31-0384	EA		100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM).....	2,812.51	58.05
			Note: Excludes cabinet.		
28 46 13 31-0385	EA		100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD).....	3,891.07	58.05
			Note: Excludes cabinet.		
28 46 13 31-0386	EA		25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A).....	1,464.31	58.05
			Note: Excludes cabinet.		
28 46 13 31-0387	EA		25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM).....	1,464.31	58.05
			Note: Excludes cabinet.		
28 46 13 31-0388	EA		25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD).....	2,677.69	58.05
28 46 13 31-0389	EA		50W Expander Module (No Microphone Or DMR) (GE ANS50A) .....	2,138.41	58.05
			Note: Excludes cabinet.		
28 46 13 31-0390	EA		50W Expander Module With Microphone (No DMR) (GE ANS50AM) .....	2,273.23	58.05
			Note: Excludes cabinet.		
28 46 13 31-0391	EA		50W Audio Notification Module With DMR And Microphone (GE ANS50AMD).....	3,351.79	58.05
			Note: Excludes cabinet.		
28 46 13 31-0392	EA		Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180).....	163.85	14.51
28 46 13 31-0393	EA		Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885) .....	120.47	14.51
<b>28 46 13 31-0394</b>			<b>Simplex Fire Alarm</b> (28 46 13 31)		
<b>28 46 13 31-0395</b>			<b>4100 Fire Alarm Control Panel</b> (28 46 13 31-0394)		
28 46 13 31-0396	EA		4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACS, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111) .....	6,859.65	579.52
28 46 13 31-0397	EA		4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACS Disabled), 120 Volt AC Input (Simplex 4100-9141) .....	7,510.23	579.52
28 46 13 31-0398	EA		4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACS Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142) .....	10,917.60	579.52
28 46 13 31-0399	EA		Up To 127 Points, IDNet Module, (Simplex 4100-3104) .....	4,303.03	579.52
			Note: Add-on module.		
28 46 13 31-0400	EA		Up To 64 Points, IDNet Module, (Simplex 4100-3105).....	3,310.87	579.52
			Note: Add-on module.		
28 46 13 31-0401	EA		Expansion Power Supply, 3 NACS, 120 Volt AC (Simplex 4100-5101) .....	2,236.80	144.87
			Note: Add-on module.		
28 46 13 31-0402	EA		Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033).....	468.21	28.98
			Note: Add-on module.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0403 EA Dual Port RS-232 Interface Card (Simplex 4100-6038)..... Note: Add-on module.	1,355.99	28.98
<b>28 46 13 31-0404 4100U Back Box</b> (28 46 13 31-0394)		
28 46 13 31-0405 EA 2 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9425) ..... Note: 24" x 40" beige backbox.	2,336.87	115.91
28 46 13 31-0406 EA 3 Bay Back Box With Glass Door And Dress Panel (Simplex 2975-9443) ..... Note: 24" x 56" beige backbox.	3,302.12	115.91
<b>28 46 13 31-0407 DACT (Digital Alarm Communicator Transmitter)</b> (28 46 13 31-0394)		
28 46 13 31-0408 EA 6 Zone Fire Control Communicator (Silent Knight SK-5104).....	1,280.77	57.95
<b>28 46 13 31-0409 4010 Fire Alarm Control Panel</b> (28 46 13 31-0394)		
28 46 13 31-0410 EA 120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101).....	6,460.91	579.52
28 46 13 31-0411 EA 240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201).....	6,263.09	579.52
28 46 13 31-0412 EA Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806).....	237.60	28.98
28 46 13 31-0413 EA Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811).....	1,054.77	28.98
28 46 13 31-0414 EA Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812).....	1,452.80	28.98
28 46 13 31-0415 EA 120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813).....	743.06	28.98
28 46 13 31-0416 EA 240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823).....	804.67	28.98
28 46 13 31-0417 EA Battery Meter Module Expansion Module (Simplex 4010-9820).....	297.47	28.98
<b>28 46 13 31-0418 Printer</b> (28 46 13 31-0394)		
28 46 13 31-0419 EA 24 Pin Dot Matrix Printer (Simplex 4190-9013).....	2,344.03	28.98
<b>28 46 13 31-0420 NAC Panel / Power Booster</b> (28 46 13 31-0394)		
28 46 13 31-0421 EA 120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009- 9201)..... Note: Power supply for horns and strobes.	1,485.13	144.87
<b>28 46 13 31-0422 Battery</b> (28 46 13 31-0394)		
28 46 13 31-0423 EA 50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296)..... Note: Two required for 24 volt DC.	943.69	28.98
28 46 13 31-0424 EA 33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276)..... Note: Two required for 24 volt DC.	624.50	28.98
28 46 13 31-0425 EA 6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272)..... Note: Two required for 24 volt DC.	220.21	28.98
<b>28 46 13 31-0426 Interface Modules</b> (28 46 13 31-0394)		
28 46 13 31-0427 EA Supervised Individual Addressable Modules (Simplex 4090-9001)..... Note: Monitor modules for waterflow / tamper, etc.	176.34	28.98
28 46 13 31-0428 EA Relay Individual Addressable Modules (Simplex 4090-9002)..... Note: Control modules for gas shutdown, door holders, etc.	373.37	28.98
28 46 13 31-0429 EA Relay SPDT With LED MR-801/T (Simplex 2088-9032)..... Note: Interface relay for 120VAC	83.52	28.98
28 46 13 31-0430 EA SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815).....	178.52	28.98
28 46 13 31-0431 EA Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817).....	79.03	14.48
28 46 13 31-0432 EA Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818).....	74.86	14.48
<b>28 46 13 31-0433 Pull Stations</b> (28 46 13 31-0394)		
28 46 13 31-0434 EA Addressable Single Action Manual Pull Station (Simplex 4099-9001).....	218.61	28.98
28 46 13 31-0435 EA N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101).....	153.91	28.98
28 46 13 31-0436 EA N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102).....	166.41	28.98
28 46 13 31-0437 EA Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103).....	148.27	28.98
28 46 13 31-0438 EA N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099- 9104).....	174.77	28.98
28 46 13 31-0439 EA N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099- 9105).....	269.95	28.98
28 46 13 31-0440 EA Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099- 9107).....	224.82	28.98
28 46 13 31-0441 EA Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108).....	266.53	28.98
28 46 13 31-0442 EA Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754).....	119.14	28.98
28 46 13 31-0443 EA Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755).....	126.78	28.98
28 46 13 31-0444 EA Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756).....	151.36	28.98
28 46 13 31-0445 EA N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758).....	240.72	28.98
28 46 13 31-0446 EA Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759).....	423.46	28.98
28 46 13 31-0447 EA Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762).....	133.05	28.98
28 46 13 31-0448 EA Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	83.22	14.48

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>28 46 13 31-0449</b>	<b>Weatherproof Pull Stations</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0450	EA Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)		211.40	34.77
28 46 13 31-0451	EA Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)		138.64	14.48
<b>28 46 13 31-0452</b>	<b>Heat / Smoke Sensor</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0453	EA 32 To 122 Degree F Heat Sensor (Simplex 4098-9733)		209.82	43.46
28 46 13 31-0454	EA Photoelectric Smoke Sensor (Simplex 4098-9714)		312.23	43.46
28 46 13 31-0455	EA Sensor Base With Relay Driver (Simplex 4098-9791)		631.72	14.48
28 46 13 31-0456	EA Standard Sensor Base (Simplex 4098-9792)		318.67	14.48
28 46 13 31-0457	EA Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)		177.11	28.98
	Note: Relay for 4098-9791			
<b>28 46 13 31-0458</b>	<b>Explosion Proof Heat Detector</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0459	EA 135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488)		222.91	43.46
28 46 13 31-0460	EA Explosion Proof Back Box (Killark JLX-21)		149.98	14.48
28 46 13 31-0461	EA Explosion Proof Back Box Plugs (Killark CUP-2)		13.18	2.90
<b>28 46 13 31-0462</b>	<b>Weatherproof Heat Detector</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0463	EA 194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490)		157.12	43.46
<b>28 46 13 31-0464</b>	<b>200 Degree F Heat Detector</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0465	EA 194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604)		127.70	43.46
	Note: Used in kiln rooms and kitchens.			
<b>28 46 13 31-0466</b>	<b>Duct Smoke Sensor</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0467	EA Duct Sensor Housing (Simplex 4098-9755)		507.00	23.18
28 46 13 31-0468	EA Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)		676.85	52.16
	Note: Relay output for AHU shutdown.			
28 46 13 31-0469	EA 46" To 71" Duct Sampling Tube (Simplex 2098-9798)		72.50	14.48
	Note: 25", 49", 73" or 97" sampling tube length.			
28 46 13 31-0470	EA Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)		169.53	43.46
<b>28 46 13 31-0471</b>	<b>Interior Horn</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0472	EA Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850)		155.84	43.46
28 46 13 31-0473	EA White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853)		155.84	43.46
<b>28 46 13 31-0474</b>	<b>Interior Horn Strobe</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0475	EA 75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)		220.92	43.46
28 46 13 31-0476	EA 110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)		220.92	43.46
28 46 13 31-0477	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)		206.07	43.46
28 46 13 31-0478	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)		206.07	43.46
28 46 13 31-0479	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)		206.07	43.46
28 46 13 31-0480	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)		206.07	43.46
28 46 13 31-0481	EA Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)		211.05	43.46
28 46 13 31-0482	EA Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)		211.05	43.46
28 46 13 31-0483	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)		219.80	43.46
28 46 13 31-0484	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)		215.76	43.46
28 46 13 31-0485	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)		219.80	43.46
28 46 13 31-0486	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)		215.76	43.46
28 46 13 31-0487	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)		206.07	43.46
28 46 13 31-0488	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)		206.07	43.46
28 46 13 31-0489	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)		206.07	43.46
28 46 13 31-0490	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)		206.07	43.46
<b>28 46 13 31-0491</b>	<b>Interior Strobe</b> <small>(28 46 13 31-0394)</small>			
28 46 13 31-0492	EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)		174.53	43.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0493 EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102).....	174.53	43.46
28 46 13 31-0494 EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103) .....	174.46	43.46
28 46 13 31-0495 EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104).....	174.53	43.46
28 46 13 31-0496 EA Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105) .....	193.39	43.46
28 46 13 31-0497 EA Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106) .....	193.39	43.46
28 46 13 31-0498 EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109).....	194.60	43.46
28 46 13 31-0499 EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110).....	197.89	43.46
28 46 13 31-0500 EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111) .....	197.89	43.46
28 46 13 31-0501 EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112).....	197.89	43.46
28 46 13 31-0502 EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201).....	174.53	43.46
28 46 13 31-0503 EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202).....	174.53	43.46
28 46 13 31-0504 EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203).....	174.53	43.46
28 46 13 31-0505 EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204).....	174.53	43.46
<b>28 46 13 31-0506 Interior Speakers</b> <small>(28 46 13 31-0394)</small>		
28 46 13 31-0507 EA Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716).....	139.88	43.46
28 46 13 31-0508 EA White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717) .....	139.88	43.46
28 46 13 31-0509 EA Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721).....	139.88	43.46
<b>28 46 13 31-0510 Interior Speaker Strobe</b> <small>(28 46 13 31-0394)</small>		
28 46 13 31-0511 EA Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151) .....	235.61	43.46
28 46 13 31-0512 EA White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153).....	235.61	43.46
<b>28 46 13 31-0513 Surge Suppressors</b> <small>(28 46 13 31-0394)</small>		
28 46 13 31-0514 EA Overvoltage Suppressor (Simplex 2081-9044).....	157.83	8.69
28 46 13 31-0515 EA Isolated Loop Circuit Protector (Simplex 2081-9028) .....	100.03	8.69
28 46 13 31-0516 EA 120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A).....	340.96	8.69
28 46 13 31-0517 EA 24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHL24B) .....	114.93	8.69
28 46 13 31-0518 EA Mounting Base For Two DTK-2MHL (Ditek DTK-2MB) .....	172.79	14.48
28 46 13 31-0519 EA 120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW) .....	117.88	8.69
28 46 13 31-0520 EA <105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP).....	88.10	8.69
<b>28 46 13 31-0521 Boxes And Adapters</b> <small>(28 46 13 31-0394)</small>		
28 46 13 31-0522 EA Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921).....	74.86	14.48
28 46 13 31-0523 EA Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925).....	70.70	14.48
28 46 13 31-0524 EA Red, Surface Mount Adapter Skirt (Simplex 4905-9937).....	62.52	14.48
28 46 13 31-0525 EA White, Surface Mount Adapter Skirt (Simplex 4905-9940) .....	50.91	14.48
<b>28 46 13 31-0526 Accessories</b> <small>(28 46 13 31-0394)</small>		
28 46 13 31-0527 EA End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008) .....	33.83	14.48
<b>28 46 13 31-0528 Siemens Fire Alarm</b> <small>(28 46 13 31)</small>		
<b>28 46 13 31-0529 Conventional Control Panels</b> <small>(28 46 13 31-0528)</small>		
<b>28 46 13 31-0530 SXL Batteries And Power Supplies</b> <small>(28 46 13 31-0529)</small>		
28 46 13 31-0531 EA 6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3).....	1,338.28	57.95
28 46 13 31-0532 EA Main Board Only For PAD-3 (Siemens PAD-3-MB).....	1,074.63	57.95
<b>28 46 13 31-0533 Digital Fire Communicators</b> <small>(28 46 13 31-0529)</small>		
28 46 13 31-0534 EA Four Channel Digital Slave Fire Communicator (Siemens 5129).....	1,039.88	57.95
<b>28 46 13 31-0535 Addressable Control Panels</b> <small>(28 46 13 31-0528)</small>		
<b>28 46 13 31-0536 Fireseeker Equipment</b> <small>(28 46 13 31-0535)</small>		
<b>28 46 13 31-0537 FS-250 System Panels</b> <small>(28 46 13 31-0536)</small>		

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0538 EA FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT).....	3,095.65	579.52
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.		
28 46 13 31-0539 EA FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT).....	3,900.98	579.52
Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 13 31-0540 EA FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT).....	2,293.40	463.61
Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.		
28 46 13 31-0541 EA Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON).....	3,100.45	579.52
<b>28 46 13 31-0542 FS-250 Optional Modules (28 46 13 31-0536)</b>		
28 46 13 31-0543 EA Main Board Module (Siemens FS-MB2).....	1,347.87	57.95
28 46 13 31-0544 EA Display Board Module (Siemens FS-DB2).....	1,055.02	28.98
28 46 13 31-0545 EA Device Loop Card (Siemens FS-DLC).....	863.27	28.98
28 46 13 31-0546 EA Releasing Module (Siemens FS-REL).....	379.12	28.98
28 46 13 31-0547 EA Remote LCD Annunciator (Siemens FS-RD2).....	857.28	28.98
28 46 13 31-0548 EA Relay Processor Card (Siemens FS-RU2).....	743.43	28.98
28 46 13 31-0549 EA Relay Expander Board (Siemens FS-RE8).....	633.18	28.98
28 46 13 31-0550 EA Serial Annunciator Processor Card (Siemens FS-SAU2).....	857.28	28.98
28 46 13 31-0551 EA 16 Output Annunciator Extender (Siemens FS-SAE16).....	666.74	28.98
28 46 13 31-0552 EA Digital Alarm Communication Transmitter (Siemens FS-DACT).....	605.62	28.98
28 46 13 31-0553 EA Municipal Tie Module (Siemens FS-MT).....	513.34	28.98
28 46 13 31-0554 EA Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2).....	459.85	
28 46 13 31-0555 EA Programming Cable Kit (Siemens CBL-UD).....	121.26	14.48
28 46 13 31-0556 EA Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE).....	217.34	28.98
28 46 13 31-0557 EA Releasing Power Transformer (Siemens FS-RPT-A).....	220.93	28.98
28 46 13 31-0558 EA Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB).....	252.48	23.18
28 46 13 31-0559 EA Cabinet Trim Kit (Siemens RD-CAB-TK).....	417.26	14.48
<b>28 46 13 31-0560 Firefinder Systems (28 46 13 31-0535)</b>		
<b>28 46 13 31-0561 XLS Basic Fire System Packages Without Back Box (28 46 13 31-0560)</b>		
28 46 13 31-0562 EA 500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP).....	11,129.91	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0563 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP).....	9,761.33	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0564 EA 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP).....	9,761.33	579.52
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0565 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD).....	16,563.45	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a two row inner and outer door set. OD-LP is an outer door clear plastic lens plate.		
28 46 13 31-0566 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD).....	17,131.49	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.		
28 46 13 31-0567 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP).....	9,623.52	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
28 46 13 31-0568 EA 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP).....	9,623.52	579.52
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
28 46 13 31-0569 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP).....	11,224.58	579.52
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
<b>28 46 13 31-0570 Firefinder - XLS Basic System Equipment (28 46 13 31-0560)</b>		
28 46 13 31-0571 EA Person Machine Interface With Central Processor (Siemens PMI).....	5,153.31	579.52
Note: Includes inner door.		
28 46 13 31-0572 EA Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC).....	8,689.79	579.52
Note: Includes inner door.		
28 46 13 31-0573 EA Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT).....	5,153.31	579.52
Note: Includes inner door.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0574 EA Two Slot Card Cage (Siemens CC-2).....	652.36	28.98
28 46 13 31-0575 EA Five Slot Card Cage (Siemens CC-5).....	1,108.95	28.98
28 46 13 31-0576 EA Four Circuit Zone Indicating Card (Siemens ZIC-4A) .....	1,588.31	28.98
28 46 13 31-0577 EA Eight Circuit Zone Indicating Card (Siemens ZIC-8B).....	1,659.01	28.98
28 46 13 31-0578 EA Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C).....	518.14	28.98
28 46 13 31-0579 EA Device Loop Card (Siemens DLC).....	1,884.31	28.98
Note: Interfaces with up to 252 detectors and devices.		
28 46 13 31-0580 EA Controllable Relay Card (Siemens CRC-6) .....	1,063.41	28.98
Note: Provides six programmable relays.		
28 46 13 31-0581 EA 12 Amperes Power Supply Charger Module (Siemens PSC-12).....	4,052.22	28.98
28 46 13 31-0582 EA Person Machine Interface With Central Processor And GPII-UK Software Upgrade Kit (Siemens GPMI) .....	6,751.97	579.52
Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.		
28 46 13 31-0583 EA Network Interface Card (Siemens NIC-C).....	1,245.56	28.98
Note: Provides HNET Or XNET communication between enclosures.		
28 46 13 31-0584 EA 12 Amperes Power Supply Extender (Siemens PSX-12) .....	3,369.13	28.98
Note: Extends PSC-12 with an additional 24 volt DC.		
28 46 13 31-0585 EA Power Termination Board (Siemens PTB).....	561.28	28.98
Note: Used with systems requiring more than one PSX-12.		
28 46 13 31-0586 EA Conventional Detector Card (Siemens CDC-4) .....	1,200.03	28.98
28 46 13 31-0587 EA Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS).....	2,358.88	28.98
28 46 13 31-0588 EA Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS) .....	8,504.27	28.98
<b>28 46 13 31-0589 Remote Lobby Enclosure</b> (28 46 13 31-0560)		
28 46 13 31-0590 EA 14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2) .....	1,534.47	115.91
Note: Flush mounted. Includes clear lens plate on cover.		
28 46 13 31-0591 EA 24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4) .....	1,989.86	115.91
Note: Flush mounted. Includes clear lens plate on cover.		
28 46 13 31-0592 EA Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP) .....	241.31	28.98
Note: Required to mount up to four SIM-16 or OCM-16 modules.		
28 46 13 31-0593 EA Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP) .....	264.07	28.98
Note: Required to mount up to eight SIM-16 or OCM-16 modules.		
<b>28 46 13 31-0594 Battery Enclosures</b> (28 46 13 31-0560)		
28 46 13 31-0595 EA Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT) .....	940.06	115.91
<b>28 46 13 31-0596 Graphic Annunciator Output Drivers And Inputs</b> (28 46 13 31-0560)		
28 46 13 31-0597 EA Output Control Module (Siemens OCM-16).....	766.20	28.98
28 46 13 31-0598 EA Supervised Input Module (Siemens SIM-16) .....	766.20	28.98
<b>28 46 13 31-0599 Remote LCD Displays</b> (28 46 13 31-0560)		
28 46 13 31-0600 EA Remote LED/LCD System Status Display (Siemens SSD).....	1,771.32	86.93
Note: No control or menu capability.		
28 46 13 31-0601 EA Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C).....	2,000.21	86.93
<b>28 46 13 31-0602 Voice Equipment</b> (28 46 13 31-0560)		
28 46 13 31-0603 EA 40 Watts Zone Amplifier Card (Siemens ZAC-40) .....	1,774.06	28.98
28 46 13 31-0604 EA 180 Watts Zone Amplifier Module (Siemens ZAM-180).....	3,939.57	28.98
28 46 13 31-0605 EA Live Voice Module (Siemens LVM).....	1,655.42	28.98
Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.		
<b>28 46 13 31-0606 MXL Series Equipment</b> (28 46 13 31-0535)		
<b>28 46 13 31-0607 MXL Optional Equipment</b> (28 46 13 31-0606)		
28 46 13 31-0608 EA Two Circuit Analog Loop Driver (Siemens ALD-2I).....	1,903.92	57.95
28 46 13 31-0609 EA CXL/MXL Interface Module (Siemens CMI-300).....	4,947.42	28.98
28 46 13 31-0610 EA Four Relay Programmable Relay Module (Siemens CRM-4) .....	844.10	28.98
28 46 13 31-0611 EA Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	1,020.27	28.98
28 46 13 31-0612 EA Remote Conventional Zone Module (Siemens CZM-1B6).....	380.32	28.98
28 46 13 31-0613 EA Short Circuit Line Isolator Module (Siemens Model LIM-1).....	232.92	28.98
28 46 13 31-0614 EA Four Circuit Conventional Zone Module (Siemens CZM-4) .....	992.70	28.98
28 46 13 31-0615 EA 12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD).....	350.58	43.46
28 46 13 31-0616 EA Lexan Window For RCC (Siemens GENBOX-WD) .....	239.30	23.18
28 46 13 31-0617 EA Input Driver Module (Siemens MID-16) .....	648.76	28.98
28 46 13 31-0618 EA Programmable Output Driver Module (Siemens MOD-16) .....	648.76	28.98
28 46 13 31-0619 EA MXL Output/Input Module (Siemens MOI-7).....	1,041.84	28.98
28 46 13 31-0620 EA Two Slot Network Option Module Card Cage (Siemens MOM-2) .....	551.69	28.98
28 46 13 31-0621 EA Four Slot Network Option Module Card Cage (Siemens MOM-4) .....	871.66	28.98
28 46 13 31-0622 EA 12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220) .....	2,140.42	86.93
28 46 13 31-0623 EA 12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240) .....	2,140.42	86.93
28 46 13 31-0624 EA Network Interface Module (Siemens NIM-1W).....	1,557.15	28.98
28 46 13 31-0625 EA U.L. Listed Parallel Printer (Siemens PAL-1).....	4,066.69	115.91
28 46 13 31-0626 EA Peripheral Interface Module, Model PIM-1 (Siemens 500-691324).....	452.22	28.98
28 46 13 31-0627 EA Surface Mounted Remote Command Center (Siemens RCC-1).....	4,352.78	579.52



**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 46 13 31-0628	EA	Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	538.95		57.95
28 46 13 31-0629	EA	Flush Mounted Remote Command Center (Siemens RCC-1F).....	4,352.78		579.52
28 46 13 31-0630	EA	Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	553.33		57.95
28 46 13 31-0631	EA	Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	3,316.16		579.52
28 46 13 31-0632	EA	MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	5,028.67		579.52
28 46 13 31-0633	EA	RCC-2/RSE-1 Trim Ring (Siemens RCF-1).....	82.91		14.48
28 46 13 31-0634	EA	Remote Diagnostics Module For MXL (Siemens RDM-MXL).....	6,347.59		57.95
28 46 13 31-0635	EA	Remote Diagnostics Module For PC (Siemens RDM-PC).....	13,534.39		57.95
28 46 13 31-0636	EA	Releasing End Of Line Module (Siemens REL-EOL).....	188.58		28.98
28 46 13 31-0637	EA	36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC).....	4,043.07		57.95
28 46 13 31-0638	EA	36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	3,859.71		57.95
28 46 13 31-0639	EA	8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	2,030.61		115.91
<b>28 46 13 31-0640</b>		<b>Complete MXL And MXLV System Packages Without Enclosure</b> (28 46 13 31-0606)			
28 46 13 31-0641	EA	MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP).....	14,599.27		579.52
		Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.			
28 46 13 31-0642	EA	MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP).....	19,090.88		579.52
		Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.			
28 46 13 31-0643	EA	MXLV Demonstration Panel (Siemens MXLV DEMO).....	40,067.67		579.52
<b>28 46 13 31-0644</b>		<b>MXL Basic System</b> (28 46 13 31-0606)			
28 46 13 31-0645	EA	MXL/MXLV Main Control Board (Siemens MMB-3).....	8,947.62		579.52
28 46 13 31-0646	EA	MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL).....	11,630.84		579.52
		Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.			
28 46 13 31-0647	EA	MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	3,407.91		57.95
28 46 13 31-0648	EA	MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5).....	4,273.16		57.95
28 46 13 31-0649	EA	6 Amperes Power Supply For MXL (Siemens MPS-6).....	1,468.12		86.93
28 46 13 31-0650	EA	220/240 Volt AC Adapter Cable (Siemens CIA-12).....	106.88		14.48
<b>28 46 13 31-0651</b>		<b>MXL/MXLV System Expansion Accessories</b> (28 46 13 31-0606)			
28 46 13 31-0652	EA	MXL Remote Power Supply Module (Siemens PSR-1).....	1,807.27		86.93
28 46 13 31-0653	EA	Style 4 Communication Module (Siemens NET-4).....	368.34		28.98
28 46 13 31-0654	EA	Style 7 Communication Module (Siemens NET-7).....	676.32		28.98
28 46 13 31-0655	EA	MXL/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	403.09		28.98
<b>28 46 13 31-0656</b>		<b>Peripheral Devices</b> (28 46 13 31-0535)			
<b>28 46 13 31-0657</b>		<b>Thermal Detectors</b> (28 46 13 31-0656)			
28 46 13 31-0658	EA	Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R).....	145.65		43.46
28 46 13 31-0659	EA	Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R).....	145.65		43.46
28 46 13 31-0660	EA	135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	145.65		43.46
28 46 13 31-0661	EA	200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	145.65		43.46
28 46 13 31-0662	EA	Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	235.53		43.46
28 46 13 31-0663	EA	Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	235.53		43.46
28 46 13 31-0664	EA	Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP).....	598.65		43.46
<b>28 46 13 31-0665</b>		<b>Beam Smoke Detector</b> (28 46 13 31-0656)			
28 46 13 31-0666	EA	Linear Beam Smoke Detector (Siemens PBA-1191).....	2,867.45		43.46
28 46 13 31-0667	EA	Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	326.18		14.48
28 46 13 31-0668	EA	20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192).....	329.78		14.48
28 46 13 31-0669	EA	10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193).....	166.80		14.48
<b>28 46 13 31-0670</b>		<b>Bases For Detectors</b> (28 46 13 31-0656)			
28 46 13 31-0671	EA	Detector Base (Siemens DB-11).....	46.96		14.48
28 46 13 31-0672	EA	Universal Base (Siemens DB-3S).....	43.36		14.48
<b>28 46 13 31-0673</b>		<b>Manual Stations</b> (28 46 13 31-0656)			
28 46 13 31-0674	EA	Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP).....	355.96		34.77
<b>28 46 13 31-0675</b>		<b>Addressable Devices</b> (28 46 13 31-0535)			
<b>28 46 13 31-0676</b>		<b>Intelligent Detectors And Devices For Firefinder XLS And FS-250</b> (28 46 13 31-0675)			



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0677 EA Addressable Fireprint Fire Detector (Siemens HFP-11) .....	293.05	43.46
28 46 13 31-0678 EA Addressable Thermal Fire Detector (Siemens HFPT-11) .....	251.11	43.46
28 46 13 31-0679 EA Relay Base For H-Series Intelligent Detectors (Siemens DB-HR) .....	201.98	43.46
28 46 13 31-0680 EA Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC) .....	131.27	43.46
28 46 13 31-0681 EA Wall Mounted Remote Alarm Indicator (Siemens RL-HW) .....	131.27	43.46
28 46 13 31-0682 EA Addressable Single Action Manual Pull Station (Siemens HMS-S) .....	310.81	28.98
28 46 13 31-0683 EA Addressable Double Action Manual Pull Station (Siemens HMS-D) .....	296.43	28.98
28 46 13 31-0684 EA Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S) .....	232.92	28.98
28 46 13 31-0685 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D) .....	286.84	28.98
28 46 13 31-0686 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R) .....	286.84	28.98
28 46 13 31-0687 EA Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M) .....	214.94	28.98
28 46 13 31-0688 EA Line Isolator Module (Siemens HLIM) .....	222.13	28.98
28 46 13 31-0689 EA Remote Convention Zone Module (Siemens HZM) .....	332.38	28.98
28 46 13 31-0690 EA Intelligent Control Point Module (Siemens HCP) .....	423.46	28.98
28 46 13 31-0691 EA Handheld Programming And Testing Unit (Siemens DPU) .....	1,898.48	
28 46 13 31-0692 EA DPU Carrying Case (Siemens DPU-C1) .....	290.63	
28 46 13 31-0693 EA Label Printer And Carrying Case (Siemens DPU-PRT) .....	3,250.49	28.98
<b>28 46 13 31-0694 Air Duct Housings And Detectors (28 46 13 31-0675)</b>		
28 46 13 31-0695 EA Air-Duct Housing (Siemens AD2-P) .....	342.36	23.18
28 46 13 31-0696 EA Air-Duct Housing With Relay (Siemens AD2-XHR) .....	387.90	23.18
28 46 13 31-0697 EA Weatherproof Enclosure For Duct Housing (Siemens WP-2000) .....	308.42	28.98
28 46 13 31-0698 EA 6" To 1' Duct Sampling Tube (Siemens ST-10) .....	41.36	8.69
28 46 13 31-0699 EA >1' To 3' Duct Sampling Tube (Siemens ST-25) .....	50.74	11.59
28 46 13 31-0700 EA >3' To 5' Duct Sampling Tube (Siemens ST-50) .....	63.73	14.48
28 46 13 31-0701 EA >5' To 10' Duct Sampling Tube (Siemens ST-100) .....	74.32	17.39
<b>28 46 13 31-0702 Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 46 13 31-0675)</b>		
28 46 13 31-0703 EA Addressable Fireprint Fire Detector (Siemens FP-11) .....	306.24	43.46
28 46 13 31-0704 EA Addressable Thermal Fire Detector (Siemens FPT-11) .....	261.90	43.46
28 46 13 31-0705 EA Intelligent Ionization Smoke Detector (Siemens ILI-1) .....	339.79	43.46
28 46 13 31-0706 EA Addressable Single Action Manual Pull Station (Siemens MSI-10B) .....	302.42	28.98
28 46 13 31-0707 EA Addressable Double Action Manual Pull Station (Siemens MSI-20B) .....	334.78	28.98
28 46 13 31-0708 EA Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S) .....	306.02	28.98
28 46 13 31-0709 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D) .....	339.57	28.98
28 46 13 31-0710 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R) .....	339.57	28.98
<b>28 46 13 31-0711 Detector Universal Bases (28 46 13 31-0675)</b>		
28 46 13 31-0712 EA Detector Base With Relay (Siemens DB-X11RS) .....	142.83	14.48
28 46 13 31-0713 EA PE-11 To DB-3 Base Adapter (Siemens DB-ADPT) .....	70.92	14.48
28 46 13 31-0714 EA Locking Kit (Siemens LK-11) .....	12.55	
28 46 13 31-0715 EA Detector Base With Relay (Siemens DB-X3RS) .....	142.83	14.48
28 46 13 31-0716 EA Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11) .....	166.80	14.48
28 46 13 31-0717 EA Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX) .....	67.33	14.48
28 46 13 31-0718 EA Flush Trim Ring For Bases (Siemens RA-ADB) .....	31.77	8.69
28 46 13 31-0719 EA Seal For DB-11 (Siemens DB11-SEAL) .....	15.43	
28 46 13 31-0720 EA Gasket For DB-11 (Siemens DB-SEAL) .....	17.02	
28 46 13 31-0721 EA Detector Guard Housing (Siemens DGH-11) .....	211.14	14.48
28 46 13 31-0722 EA Small Detector Base (Siemens DB-11E) .....	51.75	14.48
28 46 13 31-0723 EA Audible Base For Series 3 (Siemens ADBI-60A) .....	188.37	14.48
28 46 13 31-0724 EA Base Plug (Siemens DB-11-DP) .....	12.50	
<b>28 46 13 31-0725 Air Duct Smoke Detectors (28 46 13 31-0675)</b>		
28 46 13 31-0726 EA Intelligent Remote Duct Relay Module (Siemens DA-X3SR) .....	155.02	28.98
28 46 13 31-0727 EA Weatherproof Enclosure For Duct Housing (Siemens EAD-3) .....	833.31	28.98
<b>28 46 13 31-0728 Notification Devices (28 46 13 31-0535)</b>		
<b>28 46 13 31-0729 Synchronization Control Devices (28 46 13 31-0728)</b>		
28 46 13 31-0730 EA Dual Synchronization Control Module (Siemens DSC) .....	232.92	28.98
<b>28 46 13 31-0731 Stand-Alone Strobes (28 46 13 31-0728)</b>		
28 46 13 31-0732 EA Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R) .....	188.79	43.46
28 46 13 31-0733 EA Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R) .....	206.77	43.46
28 46 13 31-0734 EA Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR) .....	188.79	43.46
28 46 13 31-0735 EA Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR) .....	206.77	43.46
28 46 13 31-0736 EA Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW) .....	206.77	43.46
28 46 13 31-0737 EA Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW) .....	188.79	43.46
28 46 13 31-0738 EA Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R) .....	219.95	43.46
28 46 13 31-0739 EA Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP) .....	210.37	43.46
28 46 13 31-0740 EA Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP) .....	210.37	43.46
28 46 13 31-0741 EA Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP) .....	225.94	43.46
28 46 13 31-0742 EA Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP) .....	225.94	43.46



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

28 46 13 31-0743	Horns And Strobes <small>(28 46 13 31-0728)</small>			
28 46 13 31-0744	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R) .....	259.50	43.46
28 46 13 31-0745	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R) .....	275.08	43.46
28 46 13 31-0746	EA	Wall Mounted Horn (Siemens SE-R) .....	145.65	43.46
28 46 13 31-0747	EA	Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR) .....	259.50	43.46
28 46 13 31-0748	EA	Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR).....	275.08	43.46
28 46 13 31-0749	EA	Ceiling Mounted Horn (Siemens SEC-R).....	152.84	43.46
28 46 13 31-0750	EA	Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R) .....	259.50	43.46
28 46 13 31-0751	EA	Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R) .....	275.08	43.46
28 46 13 31-0752	EA	Wall Mounted Low Profile Horn (Siemens SEF-R) .....	145.65	43.46
28 46 13 31-0753	EA	Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW).....	259.50	43.46
28 46 13 31-0754	EA	Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	275.08	43.46
28 46 13 31-0755	EA	Ceiling Mounted Low Profile Horn (Siemens SEF-CR) .....	152.84	43.46
28 46 13 31-0756	EA	Mini Horn (Siemens MH-R).....	119.29	43.46
28 46 13 31-0757	EA	Indoor/Outdoor Multi Tone Horn (Siemens MTH-R) .....	155.24	43.46
28 46 13 31-0758	EA	Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R) .....	243.92	43.46
28 46 13 31-0759	EA	Industrial Tri-Tone Horn (Siemens ASR) .....	716.09	43.46
28 46 13 31-0760	EA	Wall Mounted Horn (Siemens HS-R) .....	155.24	43.46
28 46 13 31-0761	EA	Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	245.12	43.46
28 46 13 31-0762	EA	Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	264.29	43.46
28 46 13 31-0763	EA	6" Motor Bell (Siemens MBDC-6) .....	179.21	43.46
28 46 13 31-0764	EA	10" Motor Bell (Siemens MBDC-10) .....	197.18	43.46
28 46 13 31-0765	Mounting Accessories <small>(28 46 13 31-0728)</small>			
28 46 13 31-0766	EA	Concealed Conduit Adapter Plate (Siemens APS-R) .....	43.36	14.48
28 46 13 31-0767	EA	4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	43.36	14.48
28 46 13 31-0768	EA	4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	44.56	14.48
28 46 13 31-0769	EA	Red Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX) .....	73.32	14.48
28 46 13 31-0770	EA	White Weatherproof Surface Mount Back Box (Siemens MT-SUR-BOX-W) .....	57.74	14.48
28 46 13 31-0771	EA	Surface Mounted Speaker Back Box (Siemens SBBS-R).....	61.34	14.48
28 46 13 31-0772	EA	Surface Mounted Speaker Back Box (Siemens SBL2S-R).....	66.13	14.48
28 46 13 31-0773	EA	Square Semi-Flush Extension Ring (Siemens SERS-R) .....	51.75	14.48
28 46 13 31-0774	EA	Semi-Flush Plate (Siemens SFPS-R) .....	42.16	14.48
28 46 13 31-0775	EA	Square Surface Back Box (Siemens SHBBS-R).....	51.75	14.48
28 46 13 31-0776	EA	Horn Adapter Plate (Siemens SHMPS-R).....	49.35	14.48
28 46 13 31-0777	EA	Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	43.36	14.48
28 46 13 31-0778	EA	Wall Mounted Surface Mounted Speaker Back Box (Siemens SPSB-R).....	57.74	14.48
28 46 13 31-0779	EA	Wall Mounted Surface Mounted Speaker/Strobe Back Box (Siemens SPSSB-R).....	61.34	14.48
28 46 13 31-0780	EA	Weatherproof Speaker Back Box (Siemens WBBS-R) .....	58.94	14.48
28 46 13 31-0781	EA	Weatherproof Speaker Back Box With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B) .....	66.13	14.48
28 46 13 31-0782	EA	Weatherproof Flush Plate (Siemens WFPAS-R) .....	66.13	14.48
28 46 13 31-0783	EA	Weatherproof Horn Flush Plate (Siemens WFPS-R) .....	66.13	14.48
28 46 13 31-0784	EA	Weatherproof Horn Back Box (Siemens WPBBS-R) .....	61.34	14.48
28 46 13 31-0785	EA	Weatherproof Strobe Back Box (Siemens WPSBBS-R).....	61.34	14.48
28 46 13 31-0786	EA	Surface Mounted Weatherproof Back Box Kit (Siemens WPS-KIT) .....	43.36	14.48
28 46 13 31-0787	EA	Z Series Back Box (Siemens ZBB-R) .....	49.35	14.48
28 46 13 31-0788	Door Holders <small>(28 46 13 31-0728)</small>			
28 46 13 31-0789	EA	120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	396.12	43.46
28 46 13 31-0790	EA	24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D) .....	396.12	43.46
28 46 13 31-0791	Voice Equipment <small>(28 46 13 31-0535)</small>			
28 46 13 31-0792	Voicecom <small>(28 46 13 31-0791)</small>			
28 46 13 31-0793	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM) .....	6,090.46	579.52
28 46 13 31-0794	EA	Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L) .....	9,745.58	579.52
28 46 13 31-0795	Honeywell Fire Alarm <small>(28 46 13 31)</small>			
28 46 13 31-0796	Notifier Fire Alarm <small>(28 46 13 31-0795)</small>			
28 46 13 31-0797	Fire Alarm Control Panel And Accessories <small>(28 46 13 31-0796)</small>			
28 46 13 31-0798	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D) .....	5,222.58	579.52
28 46 13 31-0799	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	4,380.61	579.52
28 46 13 31-0800	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E).....	4,528.58	579.52
28 46 13 31-0801	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	5,212.67	579.52
28 46 13 31-0802	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C).....	5,985.43	579.52
28 46 13 31-0803	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E) .....	5,827.06	579.52
28 46 13 31-0804	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R) .....	5,675.84	579.52
28 46 13 31-0805	EA	Two-Tone Sequential Module (Notifier 2TTM) .....	390.16	28.98



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0806 EA 5', Not Low Loss, Antenna Cable (Notifier 7626-5C) .....	98.51	5.79
28 46 13 31-0807 EA 25', Low Loss, Antenna Cable (Notifier 7626-25HC) .....	188.69	11.59
28 46 13 31-0808 EA 50', Low Loss, Antenna Cable (Notifier 7626-50HC) .....	286.60	17.39
28 46 13 31-0809 EA IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P) .....	461.99	
28 46 13 31-0810 EA RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119) .....	65.32	
28 46 13 31-0811 EA 120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS) .....	5,556.77	579.52
28 46 13 31-0812 EA 240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYSE) .....	5,615.12	579.52
28 46 13 31-0813 EA 3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB) .....	246.16	5.79
28 46 13 31-0814 EA Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER) .....	74.70	5.79
28 46 13 31-0815 EA Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT) .....	105.04	11.59
28 46 13 31-0816 EA Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT) .....	102.80	14.48
28 46 13 31-0817 EA IP Communicator (Notifier IPDACT-2) .....	796.18	28.98
28 46 13 31-0818 EA IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD) .....	924.78	28.98
28 46 13 31-0819 EA Red, IP Communicator External Mounting Enclosure (Notifier IPENC) .....	210.36	28.98
Note: Includes IPBRKT.		
28 46 13 31-0820 EA Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B) .....	209.76	28.98
Note: Includes IPBRKT		
28 46 13 31-0821 EA Dual 8TPC To Single 8TPC Y-Splitter With Two 9' Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT) .....	52.59	11.59
28 46 13 31-0822 EA Loop Control Module (Notifier LCM-320) .....	1,776.73	57.95
28 46 13 31-0823 EA Loop Expander Module (Notifier LEM-320) .....	1,828.14	57.95
28 46 13 31-0824 EA Keyboard Display Module For CPU2-640 (Notifier KDM-R2) .....	1,353.00	57.95
28 46 13 31-0825 EA 7' DACT Phone Cord (Notifier MCBL-7) .....	25.52	
28 46 13 31-0826 EA Back Box For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1) .....	227.23	14.48
28 46 13 31-0827 EA Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R) .....	256.20	28.98
28 46 13 31-0828 EA Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B) .....	256.20	28.98
28 46 13 31-0829 EA Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2) .....	806.06	28.98
28 46 13 31-0830 EA Universal Zone Coder (Notifier UZC-256) .....	1,123.05	28.98
28 46 13 31-0831 EA Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI) .....	350.77	
Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.		
28 46 13 31-0832 EA Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD) .....	860.57	
28 46 13 31-0833 EA ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD) .....	546.19	
28 46 13 31-0834 EA Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS) .....	4,990.46	17.39
28 46 13 31-0835 EA Surface Back Box For NBG-12LRA (Notifier SBA-10) .....	55.29	14.48
28 46 13 31-0836 EA Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X) .....	2,356.22	579.52
28 46 13 31-0837 EA Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X) .....	3,450.32	579.52
<b>28 46 13 31-0838 ONYX Cabinets (28 46 13 31-0796)</b>		
28 46 13 31-0839 EA Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R) .....	662.92	14.48
28 46 13 31-0840 EA Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R) .....	890.93	14.48
28 46 13 31-0841 EA Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R) .....	1,101.67	14.48
28 46 13 31-0842 EA Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4) .....	133.60	17.39
28 46 13 31-0843 EA Chassis Bridge (Notifier CB-1) .....	121.56	14.48
28 46 13 31-0844 EA Four Position Chassis (Notifier CHS-4) .....	205.80	14.48
28 46 13 31-0845 EA Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2) .....	187.82	28.98
28 46 13 31-0846 EA Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B) .....	117.52	17.39
28 46 13 31-0847 EA Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP) .....	149.97	17.39
28 46 13 31-0848 EA One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4) .....	339.71	28.98
28 46 13 31-0849 EA One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B) .....	219.74	28.98
28 46 13 31-0850 EA Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4) .....	432.52	43.46
28 46 13 31-0851 EA Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B) .....	272.93	43.46
28 46 13 31-0852 EA Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4) .....	643.10	57.95
28 46 13 31-0853 EA Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B) .....	399.87	57.95
28 46 13 31-0854 EA Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4) .....	781.02	72.44
28 46 13 31-0855 EA Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B) .....	466.25	72.44
28 46 13 31-0856 EA Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4) .....	326.66	14.48
28 46 13 31-0857 EA Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B) .....	224.25	14.48
28 46 13 31-0858 EA Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR) .....	224.25	14.48
28 46 13 31-0859 EA Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R) .....	332.61	14.48
28 46 13 31-0860 EA Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR) .....	252.83	14.48
28 46 13 31-0861 EA Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R) .....	421.91	14.48
28 46 13 31-0862 EA Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR) .....	287.96	14.48
28 46 13 31-0863 EA Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R) .....	502.88	14.48
28 46 13 31-0864 EA Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR) .....	414.77	14.48
28 46 13 31-0865 EA Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R) .....	746.97	14.48
28 46 13 31-0866 EA Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR) .....	464.78	14.48
28 46 13 31-0867 EA Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R) .....	894.62	14.48
28 46 13 31-0868 EA Black, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4) .....	428.26	28.98
28 46 13 31-0869 EA Black, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4) .....	633.06	28.98
28 46 13 31-0870 EA Black, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4) .....	742.60	28.98
28 46 13 31-0871 EA Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4) .....	448.50	28.98
28 46 13 31-0872 EA Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4) .....	678.30	28.98
28 46 13 31-0873 EA Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4) .....	792.61	28.98
28 46 13 31-0874 EA Red, Two Tiers, Equipment Back Box Assembly (Notifier EQBB-B4R) .....	431.83	28.98
28 46 13 31-0875 EA Red, Three Tiers, Equipment Back Box Assembly (Notifier EQBB-C4R) .....	633.06	28.98
28 46 13 31-0876 EA Red, Four Tiers, Equipment Back Box Assembly (Notifier EQBB-D4R) .....	752.13	28.98
28 46 13 31-0877 EA Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R) .....	469.93	28.98
28 46 13 31-0878 EA Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R) .....	678.30	28.98
28 46 13 31-0879 EA Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R) .....	792.61	28.98





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

28 46 13 31-0880	EA		Back Box With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC).....	3,379.64	144.87
28 46 13 31-0881	EA		CAB-4 Series Mounting Kit (Notifier P40-KITB).....	402.06	28.98
			Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 46 13 31-0882	EA		Black, One Tier Back Box Assembly (Notifier SBB-A4).....	387.68	86.93
28 46 13 31-0883	EA		Black, Two Tier Back Box Assembly (Notifier SBB-B4).....	547.53	115.91
28 46 13 31-0884	EA		Black, Three Tier Back Box Assembly (Notifier SBB-C4).....	717.34	115.91
28 46 13 31-0885	EA		Black, Four Tier Back Box Assembly (Notifier SBB-D4).....	873.40	144.87
28 46 13 31-0886	EA		Black, Mini, One Tier, Back Box (Notifier SBB-AA4).....	252.03	28.98
28 46 13 31-0887	EA		Red, Mini, One Tier, Back Box (Notifier SBB-AA4R).....	252.03	28.98
28 46 13 31-0888	EA		Red, One Tier Back Box Assembly (Notifier SBB-A4R).....	306.81	28.98
28 46 13 31-0889	EA		Red, Two Tier Back Box Assembly (Notifier SBB-B4R).....	427.07	28.98
28 46 13 31-0890	EA		Red, Three Tier Back Box Assembly (Notifier SBB-C4R).....	625.91	28.98
28 46 13 31-0891	EA		Red, Four Tier Back Box Assembly (Notifier SBB-D4R).....	740.22	28.98
28 46 13 31-0892	EA		Trim Ring For NFS-320 Cabinet (Notifier TR-320).....	243.74	17.39
28 46 13 31-0893	EA		Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R).....	243.74	17.39
28 46 13 31-0894	EA		Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4).....	328.87	17.39
28 46 13 31-0895	EA		Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4).....	259.81	17.39
28 46 13 31-0896	EA		Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4).....	261.60	17.39
28 46 13 31-0897	EA		Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4).....	258.62	17.39
28 46 13 31-0898	EA		Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4).....	265.17	17.39
28 46 13 31-0899	EA		2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Back Box (Notifier VP-2B).....	93.59	17.39
28 46 13 31-0900	EA		Wire Trays For Routing Wire In A CAB-4 Series Back Box (Notifier WC-2).....	65.41	5.79

### 28 46 13 31-0901 NFS2-3030/640 Cabinet Mechanicals (28 46 13 31-0796)

28 46 13 31-0902	EA		Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640).....	126.59	17.39
28 46 13 31-0903	EA		Blank Module Dress Plate (Notifier BM-1B).....	105.21	17.39
28 46 13 31-0904	EA		Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4).....	119.05	17.39
28 46 13 31-0905	EA		Four Position Expansion Chassis (Notifier CHS-4MB).....	320.70	14.48
28 46 13 31-0906	EA		Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3).....	268.06	43.46
28 46 13 31-0907	EA		Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2).....	131.62	17.39

### 28 46 13 31-0908 NFS-3030/640 Cabinet Mechanicals (28 46 13 31-0796)

28 46 13 31-0909	EA		Annunciator Dress Plate (Notifier ADP-4B).....	120.30	17.39
28 46 13 31-0910	EA		Blank Module Dress Plate (Notifier BMP-1).....	76.28	17.39
28 46 13 31-0911	EA		Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L).....	170.53	28.98
28 46 13 31-0912	EA		Module Dress Plate (Notifier MP-1B).....	121.56	17.39

### 28 46 13 31-0913 Battery Cabinets (28 46 13 31-0796)

28 46 13 31-0914	EA		Six Position Chassis (Notifier CHS-6).....	111.16	28.98
28 46 13 31-0915	EA		Black, 24" x 14" x 7-3/4" Battery Back Box (Notifier NFS-LBB).....	543.65	86.93

### 28 46 13 31-0916 Digital Voice (28 46 13 31-0796)

28 46 13 31-0917	EA		Chassis Used With BB-XP (Notifier 18439).....	59.34	14.48
28 46 13 31-0918	EA		220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E).....	2,294.27	43.46
28 46 13 31-0919	EA		220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E).....	2,229.82	43.46
28 46 13 31-0920	EA		220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E).....	1,121.39	43.46
28 46 13 31-0921	EA		Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4).....	548.56	43.46
28 46 13 31-0922	EA		Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4).....	743.57	57.95
28 46 13 31-0923	EA		Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4).....	925.99	72.44
28 46 13 31-0924	EA		Multimode Audio Fiber Link Receiver (Notifier AFL-RM).....	974.07	28.98
28 46 13 31-0925	EA		Multimode Audio Fiber Link Transmitter (Notifier AFL-TM).....	974.07	28.98
28 46 13 31-0926	EA		Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS).....	2,087.77	28.98
28 46 13 31-0927	EA		15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Back Box (Notifier AFAWS-BX).....	126.32	14.48
28 46 13 31-0928	EA		Flush Mounted, Key Lock, Door (Notifier AFAWS-KR).....	214.73	14.48
28 46 13 31-0929	EA		Surface Mounted, Key Lock, Door (Notifier AFAWS-KS).....	215.92	14.48
28 46 13 31-0930	EA		Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR).....	208.78	14.48
28 46 13 31-0931	EA		Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS).....	211.16	14.48
28 46 13 31-0932	EA		Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA).....	432.63	14.48
28 46 13 31-0933	EA		Coil Cord, Telephone Chassis (Notifier AFAWS-TELC).....	330.23	14.48
28 46 13 31-0934	EA		Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B).....	135.42	
28 46 13 31-0935	EA		For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V).....	580.99	28.98
28 46 13 31-0936	EA		For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V).....	586.27	28.98
28 46 13 31-0937	EA		Blank Dress Plate For CA-2 (Notifier BP-CA2).....	124.53	14.48
28 46 13 31-0938	EA		One Tier Chassis For Digital Voice Command Panel (Notifier CA-1).....	148.51	28.98
28 46 13 31-0939	EA		Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2).....	456.73	43.46
28 46 13 31-0940	EA		Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM).....	250.25	28.98
28 46 13 31-0941	EA		Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR).....	250.25	28.98
28 46 13 31-0942	EA		Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1).....	326.66	14.48
28 46 13 31-0943	EA		Chassis With Paging Microphone With Well (Notifier CMIC-1).....	323.08	14.48
28 46 13 31-0944	EA		120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025).....	1,866.72	28.98
28 46 13 31-0945	EA		Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F).....	1,956.22	28.98
28 46 13 31-0946	EA		Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF).....	1,956.22	28.98
28 46 13 31-0947	EA		120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070).....	1,927.10	28.98
28 46 13 31-0948	EA		Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F).....	2,071.26	28.98
28 46 13 31-0949	EA		120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525).....	2,001.31	28.98
28 46 13 31-0950	EA		Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	2,560.21	28.98





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0951 EA Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF).....	2,560.21	28.98
28 46 13 31-0952 EA 220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E).....	1,865.88	28.98
28 46 13 31-0953 EA 220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E).....	1,918.71	28.98
28 46 13 31-0954 EA 220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E).....	2,001.13	28.98
28 46 13 31-0955 EA 120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525).....	1,266.76	28.98
28 46 13 31-0956 EA 220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E).....	1,300.57	28.98
28 46 13 31-0957 EA 120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570).....	1,331.21	28.98
28 46 13 31-0958 EA 220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E).....	1,375.59	28.98
28 46 13 31-0959 EA 120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025).....	1,385.10	28.98
28 46 13 31-0960 EA 220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E).....	1,426.31	28.98
28 46 13 31-0961 EA 120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070).....	1,467.52	28.98
28 46 13 31-0962 EA 220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E).....	1,541.49	28.98
28 46 13 31-0963 EA Dress Plate For CFFT-1 (Notifier DP-CFFT).....	144.78	14.48
28 46 13 31-0964 EA Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1).....	114.01	17.39
28 46 13 31-0965 EA Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4).....	131.62	17.39
28 46 13 31-0966 EA Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B).....	225.96	17.39
28 46 13 31-0967 EA WPS Power Amplifier (Notifier DPA3204P).....	689.83	28.98
28 46 13 31-0968 EA WPS Power Amplifier (Notifier DPA4001P).....	580.99	28.98
28 46 13 31-0969 EA Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232).....	1,316.42	28.98
28 46 13 31-0970 EA 120 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP)..... Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	983.58	28.98
28 46 13 31-0971 EA 220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE)..... Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V	995.20	28.98
28 46 13 31-0972 EA Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB).....	1,660.89	28.98
28 46 13 31-0973 EA 125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA).....	644.39	28.98
28 46 13 31-0974 EA Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM).....	377.06	28.98
28 46 13 31-0975 EA Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXX Series Amplifier), Fiber Option Module (Notifier DS-RFM).....	377.06	28.98
28 46 13 31-0976 EA Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM).....	377.06	28.98
28 46 13 31-0977 EA Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V).....	157.08	28.98
28 46 13 31-0978 EA Analog Output Board For Digital Voice Command (Notifier DVC-AO).....	328.39	28.98
28 46 13 31-0979 EA Extended Memory For Digital Voice Command (Notifier DVC-EM).....	1,881.82	28.98
28 46 13 31-0980 EA Keypad For Digital Voice Command (Notifier DVC-KD).....	549.86	57.95
28 46 13 31-0981 EA Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE).....	303.31	28.98
28 46 13 31-0982 EA Portable Fireman's Telephone Handset (Notifier FHS).....	181.26	28.98
28 46 13 31-0983 EA Red, Fireman's Telephone Handset (Notifier FHS-F).....	210.44	28.98
28 46 13 31-0984 EA Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R).....	522.32	28.98
28 46 13 31-0985 EA Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S).....	522.32	28.98
28 46 13 31-0986 EA Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ).....	84.31	8.69
28 46 13 31-0987 EA Paging Microphone Only (Notifier MIC-1).....	222.73	28.98
28 46 13 31-0988 EA Firefighter's Telephone Handset (Notifier TELH-1).....	207.46	28.98
28 46 13 31-0989 EA Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1).....	547.25	28.98
28 46 13 31-0990 EA Remote Microphone Assembly For Mounting In A Stand-Alone Cabinet (Notifier RM-1SA).....	547.25	28.98
<b>28 46 13 31-0991 Amplifiers</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-0992 EA 30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30).....	1,050.39	28.98
28 46 13 31-0993 EA 100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100).....	2,289.36	28.98
28 46 13 31-0994 EA 120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120).....	2,223.95	28.98
28 46 13 31-0995 EA Audio Coupling Transformer (Notifier ACT-1).....	162.35	28.98
28 46 13 31-0996 EA Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	190.02	28.98
28 46 13 31-0997 EA Audio Coupling Transformer For DAA-5025 (Notifier ACT-25).....	190.02	28.98
28 46 13 31-0998 EA Audio Coupling Transformer For DAA-5070 (Notifier ACT-70).....	190.02	28.98
28 46 13 31-0999 EA 50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025).....	1,786.63	28.98
28 46 13 31-1000 EA 50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070).....	1,847.92	28.98
28 46 13 31-1001 EA 75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525).....	1,919.77	28.98
28 46 13 31-1002 EA Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA)..... Note: Requires NFC-BDA-BU	3,502.63	28.98
28 46 13 31-1003 EA 50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V)..... Note: Requires NFC-BDA-BU	697.22	28.98
28 46 13 31-1004 EA 50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V)..... Note: Requires NFC-BDA-BU	700.39	28.98
<b>28 46 13 31-1005 FireVoice-25/50 Emergency Voice Evacuation Control Panels</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1006 EA 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	5,136.77	579.52
28 46 13 31-1007 EA Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	3,575.01	579.52
28 46 13 31-1008 EA Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV- 25/50DAZS).....	4,696.72	579.52
28 46 13 31-1009 EA Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS).....	6,163.56	579.52
28 46 13 31-1010 EA Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	6,836.58	579.52
<b>28 46 13 31-1011 System Printer</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1012 EA 80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6).....	2,274.26	28.98
<b>28 46 13 31-1013 Batteries</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1014 EA 5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP).....	678.30	28.98
28 46 13 31-1015 EA 7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP).....	488.13	28.98



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

28 46 13 31-1016	EA		12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP).....	641.59	28.98
28 46 13 31-1017	EA		18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP).....	374.93	28.98
28 46 13 31-1018	EA		26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP).....	523.35	28.98
28 46 13 31-1019	EA		55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550).....	522.09	28.98
28 46 13 31-1020	EA		100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000).....	830.01	28.98

### 28 46 13 31-1021 Battery Back Boxes And Miscellaneous Mechanicals (28 46 13 31-0796)

28 46 13 31-1022	EA		14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Back Box (Notifier BB-17).....	182.70	23.18
28 46 13 31-1023	EA		24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25)..... Note: XP6 modules require a CHS-6.	310.70	23.18
28 46 13 31-1024	EA		15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Back Box (Notifier BB-26).....	430.55	115.91
28 46 13 31-1025	EA		Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH).....	226.05	57.95
28 46 13 31-1026	EA		Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1).....	131.98	14.48
28 46 13 31-1027	EA		Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25).....	355.56	23.18
28 46 13 31-1028	EA		Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB).....	246.40	23.18
28 46 13 31-1029	EA		Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA).....	274.38	23.18
28 46 13 31-1030	EA		Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB).....	292.83	23.18
28 46 13 31-1031	EA		Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550).....	438.10	23.18
28 46 13 31-1032	EA		Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26).....	257.11	23.18
28 46 13 31-1033	EA		Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100)..... Note: Two kits are required for the BB-200	366.66	23.18
28 46 13 31-1034	EA		Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17)..... Note: Two kits are required for the BB-200	316.65	23.18
28 46 13 31-1035	EA		Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25)..... Note: Two kits are required for the BB-200	323.79	23.18
28 46 13 31-1036	EA		Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC)..... Note: Two kits are required for the BB-200	282.12	23.18
28 46 13 31-1037	EA		Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4)..... Note: Two kits are required for the BB-200	264.26	23.18

### 28 46 13 31-1038 Power Supplies And Chargers (28 46 13 31-0796)

28 46 13 31-1039	EA		120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610).....	1,542.99	43.46
28 46 13 31-1040	EA		220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E).....	1,619.07	43.46
28 46 13 31-1041	EA		Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24).....	1,603.84	28.98
28 46 13 31-1042	EA		6A Auxiliary Power Supply (Notifier APS-6R).....	1,046.77	28.98
28 46 13 31-1043	EA		10 Amperes Battery Charger (Notifier BC10A).....	1,222.86	43.46
28 46 13 31-1044	EA		33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100)..... Note: Holds four 55 ampere hour or two 100 ampere hour batteries	668.46	34.77
28 46 13 31-1045	EA		Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R)..... Note: Holds four 55 ampere hour or two 100 ampere hour batteries	676.80	34.77
28 46 13 31-1046	EA		30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200)..... Note: Holds four 55 ampere hour or four 100 ampere hour batteries	909.58	34.77
28 46 13 31-1047	EA		30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R).....	909.58	34.77
28 46 13 31-1048	EA		15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1).....	229.41	28.98
28 46 13 31-1049	EA		25 To 120 Ampere Hours Battery Charger (Notifier CHG-120).....	1,236.55	28.98
28 46 13 31-1050	EA		Mounts XPIQ-PS And/or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS).....	102.80	14.48
28 46 13 31-1051	EA		Door Used For Mounting ACPS-610 (E) In A CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1).....	164.12	14.48
28 46 13 31-1052	EA		8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8).....	820.20	28.98
28 46 13 31-1053	EA		8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E).....	905.05	86.93
28 46 13 31-1054	EA		Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R).....	865.96	86.93
28 46 13 31-1055	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8).....	1,002.26	86.93
28 46 13 31-1056	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E).....	993.81	86.93
28 46 13 31-1057	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM).....	970.29	43.46
28 46 13 31-1058	EA		Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME).....	970.29	43.46
28 46 13 31-1059	EA		12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12).....	1,203.81	43.46
28 46 13 31-1060	EA		12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E).....	1,149.92	43.46
28 46 13 31-1061	EA		12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM).....	1,221.77	86.93
28 46 13 31-1062	EA		12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME).....	1,221.77	86.93
28 46 13 31-1063	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6).....	846.94	86.93
28 46 13 31-1064	EA		6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E).....	846.94	86.93
28 46 13 31-1065	EA		8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8).....	914.56	86.93
28 46 13 31-1066	EA		8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E).....	914.56	86.93
28 46 13 31-1067	EA		6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA).....	733.87	86.93
28 46 13 31-1068	EA		9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA).....	865.96	86.93
28 46 13 31-1069	EA		Class A Adapter HPFF8/HPFF12 (Notifier HPP31076).....	186.42	14.48
28 46 13 31-1070	EA		Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A).....	1,524.79	28.98
28 46 13 31-1071	EA		Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4).....	227.03	28.98
28 46 13 31-1072	EA		240 Volt AC Addressable Power Supply (Notifier AMPS-24E).....	1,836.86	28.98
28 46 13 31-1073	EA		6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R).....	877.58	86.93
28 46 13 31-1074	EA		6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE).....	914.56	86.93
28 46 13 31-1075	EA		25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75).....	835.64	28.98
28 46 13 31-1076	EA		6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E).....	845.88	86.93
28 46 13 31-1077	EA		6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R).....	825.80	86.93



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 46 13 31-1078</b>				<b>Network Control Annunciators</b> (28 46 13 31-0796)		
				28 46 13 31-1079 EA Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2) .....	2,249.29	86.93
				28 46 13 31-1080 EA Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO) .....	86.34	17.39
				28 46 13 31-1081 EA Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit) .....	62.44	17.39
<b>28 46 13 31-1082</b>				<b>FIRSTVISION Firefighter's Display</b> (28 46 13 31-0796)		
				28 46 13 31-1083 EA ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD) .....	17,412.15	579.52
<b>28 46 13 31-1084</b>				<b>FlashScan Addressable Modules</b> (28 46 13 31-0796)		
				28 46 13 31-1085 EA Intelligent Addressable Control Module (Notifier FCM-1) .....	195.05	28.98
				28 46 13 31-1086 EA Addressable Dual Monitor Module (Notifier FDM-1) .....	217.70	28.98
				28 46 13 31-1087 EA Intelligent Addressable Monitor Module (Notifier FMM-1) .....	162.35	28.98
				28 46 13 31-1088 EA Intelligent Addressable Miniature Monitor Module (Notifier FMM-101) .....	144.74	28.98
				28 46 13 31-1089 EA Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20) .....	296.94	28.98
				28 46 13 31-1090 EA Intelligent Addressable Relay Module (Notifier FRM-1) .....	190.42	28.98
				28 46 13 31-1091 EA Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1) .....	245.37	28.98
				28 46 13 31-1092 EA SLC Loop Powered Fault Isolator Module (Notifier ISO-X) .....	159.83	28.98
<b>28 46 13 31-1093</b>				<b>Addressable Device Bases And Accessories</b> (28 46 13 31-0796)		
				28 46 13 31-1094 EA Intelligent Detector Base With Flange (Notifier B710LP) .....	61.77	14.48
				28 46 13 31-1095 EA Weatherproof Device Housing (Notifier DH400OE-1) .....	499.45	28.98
				28 46 13 31-1096 EA Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W) .....	59.34	14.48
				28 46 13 31-1097 EA Swift AV Base Ceiling (Notifier WAV-CRL) .....	337.37	14.48
				28 46 13 31-1098 EA Swift AV Base Wall (Notifier WAV-RL) .....	337.37	14.48
<b>28 46 13 31-1099</b>				<b>XP6/XP10 Transponder</b> (28 46 13 31-0796)		
				28 46 13 31-1100 EA Synchronization Daughter Module For XP6-C (Notifier SYNC-1) .....	144.11	28.98
				28 46 13 31-1101 EA Six Circuit Supervised Control Module (Notifier XP6-C) .....	717.06	28.98
				28 46 13 31-1102 EA Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA) .....	868.00	28.98
				28 46 13 31-1103 EA Six Relay Control Module (Notifier XP6-R) .....	689.39	28.98
				28 46 13 31-1104 EA Ten Input Monitor Module (Notifier XP10-M) .....	830.26	28.98
<b>28 46 13 31-1105</b>				<b>LCD Display Annunciators</b> (28 46 13 31-0796)		
				28 46 13 31-1106 EA 80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80) .....	922.26	86.93
				28 46 13 31-1107 EA 80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80) .....	1,293.33	86.93
				28 46 13 31-1108 EA 640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160) .....	1,338.61	86.93
				28 46 13 31-1109 EA 8 To 16 Switch Smoke Control Expander (Notifier SCE-8) .....	967.64	28.98
				28 46 13 31-1110 EA 8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L) .....	509.23	28.98
				28 46 13 31-1111 EA Eight Switch Smoke Control Master Module (Notifier SCS-8) .....	1,255.79	28.98
				28 46 13 31-1112 EA White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W) .....	604.96	86.93
<b>28 46 13 31-1113</b>				<b>ONYX ACM And AEM Series LED Annunciators</b> (28 46 13 31-0796)		
				28 46 13 31-1114 EA Remote, Eight Form C Relay Module (Notifier ACM-8R) .....	550.90	28.98
				28 46 13 31-1115 EA 16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT) .....	949.76	28.98
				28 46 13 31-1116 EA 16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT) .....	727.12	28.98
				28 46 13 31-1117 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT) .....	949.76	28.98
				28 46 13 31-1118 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT) .....	727.12	28.98
				28 46 13 31-1119 EA 32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A) .....	727.12	28.98
				28 46 13 31-1120 EA 32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A) .....	651.65	28.98
				28 46 13 31-1121 EA 48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A) .....	727.12	28.98
				28 46 13 31-1122 EA 48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A) .....	651.65	28.98
<b>28 46 13 31-1123</b>				<b>Graphic Annunciator - Lamp Driver Modules</b> (28 46 13 31-0796)		
				28 46 13 31-1124 EA Single Annunciator Flush Mounted Back Box (Notifier ABF-1B) .....	299.55	57.95
				28 46 13 31-1125 EA Single Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-1DB) .....	325.97	57.95
				28 46 13 31-1126 EA Two Annunciator Flush Mounted Back Box (Notifier ABF-2B) .....	375.05	72.44
				28 46 13 31-1127 EA Two Annunciator Flush Mounted Back Box With Glass Door And Key Lock (Notifier ABF-2DB) .....	409.02	72.44
				28 46 13 31-1128 EA Four Annunciator Flush Mounted Back Box (Notifier ABF-4B) .....	658.17	101.41
				28 46 13 31-1129 EA Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1) .....	117.16	17.39
				28 46 13 31-1130 EA Single Annunciator Surface Mounted Back Box (Notifier ABS-1B) .....	192.01	57.95
				28 46 13 31-1131 EA Single Annunciator Surface Mounted Back Box With Trim (Notifier ABS-1TB) .....	193.73	14.48
				28 46 13 31-1132 EA Two Annunciator Surface Mounted Back Box (Notifier ABS-2B) .....	240.44	57.95
				28 46 13 31-1133 EA 12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Back Box (Notifier ABS-2D) .....	426.63	72.44
				28 46 13 31-1134 EA Red, Surface (Or Semi-Flush) Mounted Back Box For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR) .....	367.54	14.48
				28 46 13 31-1135 EA Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4D) .....	692.13	101.41
				28 46 13 31-1136 EA Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Back Box (Notifier ABS-4DR) .....	622.72	17.39
				28 46 13 31-1137 EA Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Back Box (Notifier ABS-8RB) .....	232.27	23.18
				28 46 13 31-1138 EA Annunciator Key Switch (Notifier AKS-1B) .....	118.90	8.69
				28 46 13 31-1139 EA Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D) .....	111.41	28.98



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1140	EA		32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32) .....	651.65	28.98
28 46 13 31-1141	EA		24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24) .....	211.03	5.79
28 46 13 31-1142	EA		48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48) .....	264.61	5.79
28 46 13 31-1143	EA		32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32) .....	537.19	28.98
28 46 13 31-1144	EA		Lamp Driver Module (Notifier LDM-R32) .....	1,028.37	28.98
28 46 13 31-1145	EA		Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L) .....	953.36	28.98
28 46 13 31-1146	EA		48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48) .....	271.76	5.79
28 46 13 31-1147	EA		Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D) .....	241.36	17.39
28 46 13 31-1148	EA		Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D) .....	139.06	17.39
28 46 13 31-1149	EA		Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR) .....	139.06	17.39
28 46 13 31-1150	EA		Graphic Annunciator Dress Plate (Notifier DP-GDIS1) .....	230.64	17.39
28 46 13 31-1151	EA		Graphic Annunciator Dress Plate (Notifier DP-GDIS2) .....	230.64	17.39
28 46 13 31-1152	EA		Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED) .....	580.47	28.98
<b>28 46 13 31-1153</b>			<b>Network Gateways (28 46 13 31-0796)</b>		
28 46 13 31-1154	EA		Common Alerting Protocol Gateway (Notifier CAP-GW) .....	3,333.57	28.98
28 46 13 31-1155	EA		Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF) .....	2,479.79	28.98
28 46 13 31-1156	EA		Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF) .....	2,794.67	28.98
28 46 13 31-1157	EA		Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF) .....	3,079.97	28.98
28 46 13 31-1158	EA		Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W) .....	2,501.98	28.98
28 46 13 31-1159	EA		Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF) .....	2,434.36	28.98
28 46 13 31-1160	EA		Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF) .....	2,741.84	28.98
28 46 13 31-1161	EA		Modbus Gateway (Notifier MODBUS-GW) .....	2,731.27	28.98
28 46 13 31-1162	EA		22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW) .....	3,161.92	19.12
28 46 13 31-1163	EA		Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS) .....	4,704.63	19.12
28 46 13 31-1164	EA		1920x1080P Wide Screen (Notifier MON-42LCDW) .....	14,922.43	19.12
28 46 13 31-1165	EA		Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD) .....	751.96	43.46
28 46 13 31-1166	EA		Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD) .....	1,394.33	43.46
28 46 13 31-1167	EA		Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD) .....	2,044.24	43.46
28 46 13 31-1168	EA		Mass Notification Voice Paging (Notifier NOTIFY-IP) .....	1,251.07	
28 46 13 31-1169	EA		Embedded NFN Gateway (Notifier NFN-GW-EM) .....	2,749.73	28.98
28 46 13 31-1170	EA		NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F) .....	2,749.73	28.98
28 46 13 31-1171	EA		High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF) .....	3,787.92	28.98
28 46 13 31-1172	EA		High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF) .....	4,411.35	28.98
28 46 13 31-1173	EA		High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW) .....	3,787.92	28.98
28 46 13 31-1174	EA		NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W) .....	2,749.73	28.98
28 46 13 31-1175	EA		Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER) .....	1,813.73	
28 46 13 31-1176	EA		ONYXWorks Workstation (Notifier ONYXWORKS-WS) .....	27,951.08	695.42
28 46 13 31-1177	EA		Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW) .....	7,141.25	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 13 31-1178	EA		Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF) .....	7,141.25	
			Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 13 31-1179	EA		Fiber Optics, Standard Network Repeater Board (Notifier RPT-F) .....	1,156.87	28.98
28 46 13 31-1180	EA		Wire, Standard Network Repeater Board (Notifier RPT-W) .....	942.37	28.98
28 46 13 31-1181	EA		Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF) .....	1,120.94	28.98
28 46 13 31-1182	EA		Signaling Line Circuit Integration Module (Notifier SLC-IM) .....	1,250.91	28.98
28 46 13 31-1183	EA		VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanel™ (Notifier VESDA-HLI-GW) .....	2,604.48	28.98
28 46 13 31-1184	EA		Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanel™ (Notifier VHX-1420-HFS) .....	2,718.08	28.98
28 46 13 31-1185	EA		Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3) .....	3,022.88	
28 46 13 31-1186	EA		Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD) .....	1,604.42	19.12
28 46 13 31-1187	EA		SWIFT Wireless Gateway With Flashscan (Notifier FWSG) .....	499.28	28.98
<b>28 46 13 31-1188</b>			<b>NOTI-FIRE-NET Network Components (28 46 13 31-0796)</b>		
28 46 13 31-1189	EA		Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3) .....	2,749.73	28.98
28 46 13 31-1190	EA		Fiber Optic Network Communications Module (Notifier NCM-F) .....	1,223.97	28.98
28 46 13 31-1191	EA		NOTI-FIRE-NET Web Server (Notifier NWS) .....	2,749.73	28.98
28 46 13 31-1192	EA		Wired Network Communications Module (Notifier NCM-W) .....	1,166.11	28.98
28 46 13 31-1193	EA		Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit) .....	135.97	14.48
<b>28 46 13 31-1194</b>			<b>FireWarden Addressable Fire Panels (28 46 13 31-0796)</b>		
28 46 13 31-1195	EA		50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50) .....	2,360.28	579.52
28 46 13 31-1196	EA		Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100) .....	2,806.81	579.52
28 46 13 31-1197	EA		Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C) .....	2,961.68	289.76
28 46 13 31-1198	EA		Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E) .....	2,961.68	289.76
28 46 13 31-1199	EA		Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R) .....	2,949.01	289.76





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1200 EA Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addressable Fire Alarm Control Panel (Notifier NFW-50C).....	3,382.23	289.76
28 46 13 31-1201 EA Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addressable Fire Alarm Control Panel (NFW-50R) .....	2,435.47	289.76
<b>28 46 13 31-1202 FireWarden Accessories</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1203 EA Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100).....	227.43	43.46
28 46 13 31-1204 EA Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T) .....	215.53	43.46
<b>28 46 13 31-1205 FireWarden Devices</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1206 EA SLC Loop Powered Fault Isolator Module (Notifier N100-ISO).....	158.58	28.98
28 46 13 31-1207 EA Intelligent Addressable Control Module (Notifier NC-100) .....	188.77	28.98
28 46 13 31-1208 EA Intelligent Addressable Relay Module (Notifier NC-100R) .....	181.22	28.98
28 46 13 31-1209 EA Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100).....	482.11	43.46
28 46 13 31-1210 EA Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R) .....	585.66	43.46
28 46 13 31-1211 EA Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100) .....	181.22	28.98
28 46 13 31-1212 EA Intelligent Addressable Thermal Detector With Base (Notifier NH-100).....	185.04	43.46
28 46 13 31-1213 EA Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H) .....	185.04	43.46
28 46 13 31-1214 EA Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R) .....	185.04	43.46
28 46 13 31-1215 EA Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100).....	250.45	43.46
28 46 13 31-1216 EA Intelligent Addressable Monitor Module (Notifier NMM-100) .....	156.06	28.98
28 46 13 31-1217 EA Intelligent Addressable Mini Monitor Module (Notifier NMM-100P).....	141.60	28.98
28 46 13 31-1218 EA Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX).....	212.04	28.98
28 46 13 31-1219 EA Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100) .....	193.85	43.46
28 46 13 31-1220 EA Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100) .....	237.82	28.98
28 46 13 31-1221 EA Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6).....	847.87	28.98
<b>28 46 13 31-1222 SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1223 EA 120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402) .....	1,556.14	463.61
28 46 13 31-1224 EA 120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404) .....	1,718.40	463.61
28 46 13 31-1225 EA 240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E).....	1,228.30	144.87
28 46 13 31-1226 EA 240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E) .....	1,396.31	144.87
28 46 13 31-1227 EA Class A Converter Module (Notifier CAC-4) .....	454.45	28.98
28 46 13 31-1228 EA Internal Dress Plate, Required For FM And ULC (Notifier DP-4X).....	163.66	17.39
28 46 13 31-1229 EA Remote Zone Annunciator (Notifier RZA-4X) .....	233.39	43.46
28 46 13 31-1230 EA Red, Dress Panel (Notifier DP-51050).....	198.49	17.39
28 46 13 31-1231 EA Black, Dress Panel (Notifier DP-51050B) .....	200.87	17.39
<b>28 46 13 31-1232 SFP-5UD 5 Zone Control Panels And Accessories</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1233 EA 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD).....	2,410.59	579.52
28 46 13 31-1234 EA 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC) .....	4,364.14	434.63
28 46 13 31-1235 EA 240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE) .....	2,877.76	289.76
28 46 13 31-1236 EA Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR).....	2,877.76	289.76
28 46 13 31-1237 EA Class A Converter Module (Notifier N-CAC-5X) .....	471.12	28.98
28 46 13 31-1238 EA Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE) .....	177.65	17.39
28 46 13 31-1239 EA Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC) .....	3,683.84	434.63
Note: Includes internal dress panel with built-in annunciator module		
28 46 13 31-1240 EA 240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE).....	2,439.70	289.76
28 46 13 31-1241 EA Red, 120 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDR) .....	2,417.51	289.76
<b>28 46 13 31-1242 SFP-10UD 10 Zone Control Panels And Accessories</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1243 EA 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	5,280.49	579.52
28 46 13 31-1244 EA 240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE).....	3,947.84	434.63
28 46 13 31-1245 EA 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD) .....	2,762.79	579.52
28 46 13 31-1246 EA Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR).....	4,527.36	579.52
28 46 13 31-1247 EA Four Channel, Dual Line, Stand-Alone Fire Alarm Communicator (Fire-Lite 411UDAC).....	712.21	86.93
28 46 13 31-1248 EA 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC) .....	4,518.02	579.52
Note: Includes internal dress panel with built-in annunciator module		
28 46 13 31-1249 EA 240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE).....	3,370.02	434.63
28 46 13 31-1250 EA Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR) .....	3,923.12	579.52
<b>28 46 13 31-1251 Smoke Detectors</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1252 EA Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	268.06	43.46
28 46 13 31-1253 EA Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	451.70	43.46
28 46 13 31-1254 EA Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	1,467.49	43.46





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

28 46 13 31-1255	EA		Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	202.43	43.46
			Note: For use with DNR(W) duct detector housing.		
28 46 13 31-1256	EA		Filters For Harsh Detector (Notifier RF-FTX) .....	24.49	
28 46 13 31-1257	EA		Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY) .....	162.04	28.98
28 46 13 31-1258	EA		Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI) .....	1,826.18	43.46
28 46 13 31-1259	EA		Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951) .....	211.06	43.46
28 46 13 31-1260	EA		Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV).....	230.71	43.46
28 46 13 31-1261	EA		Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R) .....	220.88	43.46
28 46 13 31-1262	EA		Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV) .....	238.74	43.46
28 46 13 31-1263	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T) .....	222.07	43.46
28 46 13 31-1264	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV).....	239.93	43.46
28 46 13 31-1265	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951) .....	179.80	43.46
28 46 13 31-1266	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H).....	179.80	43.46
28 46 13 31-1267	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV) .....	196.47	43.46
28 46 13 31-1268	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV).....	196.47	43.46
28 46 13 31-1269	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R) .....	179.80	43.46
28 46 13 31-1270	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV).....	196.47	43.46
28 46 13 31-1271	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R) .....	489.39	43.46
28 46 13 31-1272	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV) .....	525.11	43.46
28 46 13 31-1273	EA		Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE) .....	488.20	43.46
			Note: Requires B210W base, ordered separately		
28 46 13 31-1274	EA		Wireless Photo Detector With Flashscan (Notifier FWD-200P) .....	448.90	43.46
			Note: Requires B210W base, ordered separately		
28 46 13 31-1275	EA		Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135).....	407.23	43.46
			Note: Requires B210W base, ordered separately		
28 46 13 31-1276	EA		Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135) .....	407.23	43.46
			Note: Requires B210W base, ordered separately		
28 46 13 31-1277	EA		Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951) .....	295.30	43.46
28 46 13 31-1278	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250) .....	2,809.92	43.46
			Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.		
28 46 13 31-1279	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500) .....	3,444.01	43.46
			Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /Ft. Obs.		

### 28 46 13 31-1280 Pull Stations (28 46 13 31-0796)

28 46 13 31-1281	EA		Trim Ring For NBG12 Series Pull Station (Notifier BG12TR) .....	36.36	5.79
28 46 13 31-1282	EA		One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2) .....	91.16	14.48
28 46 13 31-1283	EA		Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Back Box (Notifier BG-2R) .....	78.51	14.48
28 46 13 31-1284	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1) .....	117.54	28.98
28 46 13 31-1285	EA		DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	130.50	28.98
28 46 13 31-1286	EA		Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS).....	181.46	28.98
28 46 13 31-1287	EA		Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R) .....	117.54	28.98
28 46 13 31-1288	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS) .....	136.54	28.98
28 46 13 31-1289	EA		Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL) .....	136.54	28.98
28 46 13 31-1290	EA		Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR).....	136.54	28.98
28 46 13 31-1291	EA		Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1) .....	128.77	28.98
28 46 13 31-1292	EA		Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R) .....	140.00	28.98
28 46 13 31-1293	EA		Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL).....	931.77	34.77
28 46 13 31-1294	EA		Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S).....	102.13	28.98
28 46 13 31-1295	EA		Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12).....	107.25	28.98
28 46 13 31-1296	EA		Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L).....	109.84	28.98
28 46 13 31-1297	EA		Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB) .....	251.93	34.77
28 46 13 31-1298	EA		Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS) .....	163.62	28.98
28 46 13 31-1299	EA		Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR) .....	136.54	28.98
28 46 13 31-1300	EA		Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX) .....	213.29	28.98
28 46 13 31-1301	EA		Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	68.59	5.79
28 46 13 31-1302	EA		Dual Action, Wireless Pull Station (Notifier NBG-12WL).....	480.33	34.77

### 28 46 13 31-1303 Rate Compensation Heat Detectors (28 46 13 31-0796)

28 46 13 31-1304	EA		135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135) .....	197.62	43.46
28 46 13 31-1305	EA		194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194) .....	197.62	43.46

### 28 46 13 31-1306 FM Series Door Releases (28 46 13 31-0796)

28 46 13 31-1307	EA		1/2" Door Holder Spacer (Notifier FM900-50).....	32.48	8.69
28 46 13 31-1308	EA		3/4" Door Holder Spacer (Notifier FM900-75).....	32.48	8.69
28 46 13 31-1309	EA		1" Door Holder Spacer (Notifier FM900-100).....	32.48	8.69
28 46 13 31-1310	EA		Door Holder Extension Kit (Notifier FM900) .....	34.37	8.69
28 46 13 31-1311	EA		90 Degree Door Holder Extension Kit (Notifier FM900-Z).....	35.00	8.69
28 46 13 31-1312	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980) .....	220.10	43.46
28 46 13 31-1313	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996) .....	192.59	43.46
28 46 13 31-1314	EA		12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998) .....	192.59	43.46

### 28 46 13 31-1315 Multicriteria Fire Detector (28 46 13 31-0796)

28 46 13 31-1316	EA		Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851) .....	354.84	43.46
------------------	----	--	--	--------	-------



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1317 EA Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851).....	353.65	43.46
Note: Detects fire, thermal, photo, CO and IR, with Flashscan.		
28 46 13 31-1318 EA Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951).....	227.43	43.46
28 46 13 31-1319 EA Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV).....	235.77	43.46
28 46 13 31-1320 EA Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951).....	354.84	43.46
<b>28 46 13 31-1321 Modules</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1322 EA Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	428.26	28.98
28 46 13 31-1323 EA Addressable Firephone Control Module (Notifier FTM-1).....	262.75	28.98
28 46 13 31-1324 EA Wireless Monitor Module With Flashscan (Notifier FW-MM).....	413.97	28.98
28 46 13 31-1325 EA Wireless Relay Module With Flashscan (Notifier FW-RM).....	479.46	28.98
28 46 13 31-1326 EA Wireless Sync Module (Notifier W-SYNC).....	441.51	28.98
<b>28 46 13 31-1327 DH Series Door Releases</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1328 EA Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	215.23	43.46
28 46 13 31-1329 EA Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB).....	229.81	43.46
28 46 13 31-1330 EA Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	243.51	43.46
28 46 13 31-1331 EA Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC).....	239.93	43.46
28 46 13 31-1332 EA Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	251.84	43.46
28 46 13 31-1333 EA Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	261.96	43.46
28 46 13 31-1334 EA Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC).....	215.23	43.46
28 46 13 31-1335 EA Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB).....	228.03	43.46
28 46 13 31-1336 EA Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	243.51	43.46
28 46 13 31-1337 EA Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1).....	276.25	43.46
28 46 13 31-1338 EA Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1).....	295.30	43.46
28 46 13 31-1339 EA Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1).....	317.33	43.46
28 46 13 31-1340 EA Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2).....	322.69	43.46
28 46 13 31-1341 EA Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2).....	345.31	43.46
28 46 13 31-1342 EA Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2).....	372.70	43.46
28 46 13 31-1343 EA 0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC).....	24.63	5.79
28 46 13 31-1344 EA 0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B).....	24.63	5.79
28 46 13 31-1345 EA 0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D).....	27.07	5.79
28 46 13 31-1346 EA 1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC).....	24.63	5.79
28 46 13 31-1347 EA 1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B).....	24.63	5.79
28 46 13 31-1348 EA 1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D).....	27.07	5.79
28 46 13 31-1349 EA 1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC).....	25.88	5.79
28 46 13 31-1350 EA 1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC).....	25.88	5.79
28 46 13 31-1351 EA 1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	27.07	5.79
28 46 13 31-1352 EA 1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D).....	28.44	5.79
28 46 13 31-1353 EA 2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC).....	28.44	5.79
28 46 13 31-1354 EA 2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC).....	28.44	5.79
28 46 13 31-1355 EA 2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B).....	29.69	5.79
28 46 13 31-1356 EA 2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D).....	29.69	5.79
28 46 13 31-1357 EA 3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC).....	29.69	5.79
28 46 13 31-1358 EA 3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B).....	31.06	5.79
28 46 13 31-1359 EA 3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D).....	31.06	5.79
28 46 13 31-1360 EA 4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC).....	32.31	5.79
28 46 13 31-1361 EA 4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC).....	32.31	5.79
28 46 13 31-1362 EA 4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB).....	33.68	5.79
28 46 13 31-1363 EA 4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	37.55	5.79
28 46 13 31-1364 EA 5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC).....	36.24	5.79
28 46 13 31-1365 EA 5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B).....	34.93	5.79
28 46 13 31-1366 EA 5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	37.55	5.79
28 46 13 31-1367 EA Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCP).....	34.24	8.69
28 46 13 31-1368 EA Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB).....	35.49	8.69
28 46 13 31-1369 EA Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD).....	39.48	8.69
28 46 13 31-1370 EA Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC).....	65.38	8.69
28 46 13 31-1371 EA Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB).....	69.19	8.69
28 46 13 31-1372 EA Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD).....	73.00	8.69
28 46 13 31-1373 EA Surface Mounted Back Box, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBPC).....	58.75	14.48
28 46 13 31-1374 EA Surface Mounted Back Box, Plated Brass For Electromagnetic Door Holder (Notifier DHBBB).....	61.37	14.48
28 46 13 31-1375 EA Surface Mounted Back Box, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD).....	66.61	14.48
28 46 13 31-1376 EA Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF).....	367.93	
<b>28 46 13 31-1377 First Command</b> <small>(28 46 13 31-0796)</small>		
28 46 13 31-1378 EA Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100).....	6,352.84	724.39
28 46 13 31-1379 EA Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E).....	6,416.23	724.39
28 46 13 31-1380 EA Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA).....	1,773.46	57.95

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1381	EA		Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE).....	1,821.01	57.95
28 46 13 31-1382	EA		Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA).....	3,253.83	57.95
28 46 13 31-1383	EA		Black, 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE).....	3,359.49	57.95
28 46 13 31-1384	EA		50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt).....	851.46	28.98
28 46 13 31-1385	EA		50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt).....	851.46	28.98
28 46 13 31-1386	EA		Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4).....	538.99	28.98
28 46 13 31-1387	EA		Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6).....	680.32	28.98
28 46 13 31-1388	EA		Standalone Firefighter Telephone System (Notifier NFC-FFT).....	2,403.23	57.95
			Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.		
28 46 13 31-1389	EA		Local Operator Console (Notifier NFC-LOC).....	2,352.51	57.95
			Note: Includes built-in microphone, message and zone control switches, black.		
28 46 13 31-1390	EA		Black, Remote Microphone (Notifier NFC-RM).....	687.85	
28 46 13 31-1391	EA		Remote Page Unit (Notifier NFC-RPU).....	1,987.96	57.95
			Note: Includes built-in microphone, message control switches, black.		
28 46 13 31-1392	EA		70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V).....	406.83	28.98
28 46 13 31-1393	EA		Firefighters Phone Jack (Notifier N-FPJ).....	187.06	8.69
28 46 13 31-1394	EA		Thumbblatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH).....	50.25	8.69
28 46 13 31-1395	EA		Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B).....	164.85	17.39
<b>28 46 13 31-1396</b>			<b>LED Displays</b> (28 46 13 31-0796)		
28 46 13 31-1397	EA		2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215).....	1,878.52	34.77
28 46 13 31-1398	EA		Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW).....	2,640.30	46.36
28 46 13 31-1399	EA		4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT).....	2,670.95	46.36
28 46 13 31-1400	EA		8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8).....	2,565.28	46.36
28 46 13 31-1401	EA		16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16).....	3,590.23	46.36
28 46 13 31-1402	EA		LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V).....	2,723.78	46.36
<b>28 46 13 31-1403</b>			<b>Control Relays</b> (28 46 13 31-0796)		
28 46 13 31-1404	EA		Single SPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-101/CR).....	79.82	14.48
28 46 13 31-1405	EA		Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T).....	59.70	14.48
28 46 13 31-1406	EA		Four Position SPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-104/CR).....	221.67	28.98
28 46 13 31-1407	EA		Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T).....	124.53	14.48
28 46 13 31-1408	EA		Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T).....	149.24	14.48
28 46 13 31-1409	EA		24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C).....	228.22	28.98
28 46 13 31-1410	EA		120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C).....	228.22	28.98
28 46 13 31-1411	EA		Single DPDT Relay With LED With Metal Back Box And Red Plastic Cover (Notifier MR-201/CR).....	112.72	28.98
28 46 13 31-1412	EA		Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T).....	64.94	14.48
28 46 13 31-1413	EA		Four Position DPDT Relay With LEDs With Metal Back Box And Red Plastic Cover (Notifier MR-204/CR).....	243.10	28.98
28 46 13 31-1414	EA		24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1).....	79.62	28.98
28 46 13 31-1415	EA		12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2).....	79.62	28.98
28 46 13 31-1416	EA		9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4).....	79.62	28.98
<b>28 46 13 31-1417</b>			<b>Gamewell-FCI Fire Control Instruments</b> (28 46 13 31-0796)		
<b>28 46 13 31-1418</b>			<b>7100 Series And NetSOLO®</b> (28 46 13 31-1417)		
<b>28 46 13 31-1419</b>			<b>7100 Compact Analog Addressable Fire Alarm Control Panels</b> (28 46 13 31-1418)		
28 46 13 31-1420	EA		Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M).....	1,104.79	347.71
28 46 13 31-1421	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2).....	4,828.00	579.52
28 46 13 31-1422	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D).....	5,304.48	579.52
28 46 13 31-1423	EA		Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E).....	4,828.00	579.52
28 46 13 31-1424	EA		Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E).....	5,304.48	579.52
28 46 13 31-1425	EA		Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1).....	1,583.95	
28 46 13 31-1426	EA		Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D).....	1,902.72	
28 46 13 31-1427	EA		Analog Loop Unit (Gamewell-FCI ALU).....	1,902.72	57.95
<b>28 46 13 31-1428</b>			<b>NetSOLO® Intelligent Network</b> (28 46 13 31-1418)		
28 46 13 31-1429	EA		Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO).....	2,112.44	57.95
			Note: Mounted in 7100 panel.		
28 46 13 31-1430	EA		Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP).....	1,674.55	57.95
			Note: Mounted in 7100 panel.		
<b>28 46 13 31-1431</b>			<b>Components And Accessories</b> (28 46 13 31-1418)		
28 46 13 31-1432	EA		Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	1,036.54	43.46
28 46 13 31-1433	EA		Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100).....	780.30	57.95
28 46 13 31-1434	EA		Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	1,446.37	57.95
28 46 13 31-1435	EA		Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	572.26	57.95
28 46 13 31-1436	EA		Enclosure Box (Gamewell-FCI EN-7100).....	444.89	115.91
28 46 13 31-1437	EA		Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	1,520.96	28.98



	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 46 13 31-1438</b>			<b>E3 Series® Basic System</b> <small>(28 46 13 31-1417)</small>		
	EA		Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	1,373.12	57.95
	EA		Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	1,175.83	57.95
	EA		Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3).....	1,373.12	57.95
	EA		Intelligent Loop Interface, Supplemental, XP95 Protocol (Gamewell-FCI ILI95-S-E3).....	1,175.83	57.95
	EA		LCD Keypad Display (Gamewell-FCI LCD-E3).....	877.69	57.95
	EA		Power Supply Module (Gamewell-FCI PM-9).....	1,154.90	57.95
	EA		Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX).....	969.50	57.95
	EA		Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A).....	967.71	28.98
	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	543.38	57.95
	EA		Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	1,486.04	57.95
	EA		Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP).....	1,242.15	57.95
	EA		Local Operating Console (Gamewell-FCI 1100-0455).....	827.71	43.46
	EA		Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	2,697.90	43.46
	EA		70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70).....	1,058.14	57.95
	EA		INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	3,261.44	57.95
	EA		8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1).....	721.96	115.91
	EA		C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC).....	522.09	115.91
	EA		Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP).....	113.47	28.98
	EA		Programmable Switch Module (Gamewell-FCI ASM-16).....	736.57	57.95
	EA		LED Driver module (Gamewell-FCI ANU-48).....	736.57	57.95
	EA		Network Graphic Annunciator (Gamewell-FCI NGA).....	2,259.94	43.46
<b>28 46 13 31-1460</b>			<b>Addressable Devices, Module, Pulls And Accessories</b> <small>(28 46 13 31-1417)</small>		
<b>28 46 13 31-1461</b>			<b>Velociti® Series Sensors And Bases</b> <small>(28 46 13 31-1460)</small>		
	EA		Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	224.51	43.46
	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	229.54	43.46
	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	244.64	43.46
	EA		Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	184.24	43.46
	EA		Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	192.63	43.46
	EA		Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	184.24	43.46
	EA		Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	279.87	43.46
	EA		Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	632.20	43.46
	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	522.37	72.44
	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	589.48	72.44
	EA		Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB).....	274.06	
	EA		Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	55.82	14.48
	EA		Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	682.53	43.46
	EA		Flanged Mounting Base, For Use With ASD-FILTREX Or ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	133.84	14.48
	EA		Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	2,438.83	86.93
<b>28 46 13 31-1477</b>			<b>Velociti® Series Modules And Pull Station</b> <small>(28 46 13 31-1460)</small>		
	EA		Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F).....	164.49	28.98
	EA		Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	271.03	28.98
	EA		Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F).....	181.27	28.98
	EA		Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	259.28	28.98
	EA		Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	214.82	28.98
	EA		Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	223.21	28.98
	EA		Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	306.34	57.95
	EA		Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	230.76	28.98
	EA		Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	36.76	5.79
<b>28 46 13 31-1487</b>			<b>Components And Accessories</b> <small>(28 46 13 31-1460)</small>		
	EA		Remote LED Annunciator Alarm (Gamewell-FCI RA400Z).....	88.30	23.18
			Note: Mounts on single gang box.		
	EA		Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	44.15	11.59
	EA		>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	47.51	11.59
	EA		>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	56.66	14.48
	EA		>8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	93.49	17.39
	EA		Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451).....	140.31	23.18
			Note: Mounts on single gang box.		
<b>28 46 13 31-1494</b>			<b>Fixed And Rate of Rise Heat Detectors</b> <small>(28 46 13 31-1460)</small>		
	EA		135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P).....	115.45	43.46
	EA		194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	115.45	43.46
	EA		135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	115.15	43.46
	EA		194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	115.15	43.46
<b>28 46 13 31-1499</b>			<b>NAC Expander/Power Supply</b> <small>(28 46 13 31-1460)</small>		
	EA		FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	2,135.21	463.61
	EA		6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	1,816.43	463.61
	EA		9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,975.82	463.61



**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1503			<b>Batteries And Accessories</b> (28 46 13 31-1417)		
28 46 13 31-1504	EA		B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A) .....	346.52	28.98
28 46 13 31-1505	EA		B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A) .....	893.47	28.98
28 46 13 31-1506	EA		B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A) .....	178.75	28.98
28 46 13 31-1507	EA		BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	419.58	57.95
28 46 13 31-1508	EA		BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	419.58	57.95
28 46 13 31-1509	EA		12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970) .....	370.93	57.95
28 46 13 31-1510			<b>Electronic Door Holders</b> (28 46 13 31-1417)		
			Note: Rixson products.		
28 46 13 31-1511	EA		XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000) .....	60.92	5.79
28 46 13 31-1512	EA		FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder(Gamewell-FCI 140-90000) .....	489.59	43.46
28 46 13 31-1513	EA		FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001) .....	672.47	43.46
28 46 13 31-1514	EA		FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002).....	307.39	43.46
28 46 13 31-1515	EA		FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003) .....	292.29	43.46
28 46 13 31-1516	EA		FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004).....	307.39	43.46
28 46 13 31-1517	EA		FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005) .....	306.72	43.46
28 46 13 31-1518			<b>Fire Alarm Programming</b> (28 46 13 31-1417)		
			Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1519	EA		Program And Test Up To 5 Total Fire Alarm Devices .....	500.00	
28 46 13 31-1520	EA		Program And Test >5 To 20 Total Fire Alarm Devices .....	1,000.00	
28 46 13 31-1521	EA		Program And Test >20 To 50 Total Fire Alarm Devices .....	2,000.00	
28 46 13 31-1522			<b>Fire-Lite Fire Alarm</b> (28 46 13 31-0795)		
28 46 13 31-1523			<b>Intelligent Addressable Fire Alarm Control Panel</b> (28 46 13 31-1522)		
28 46 13 31-1524	EA		50 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-50X) .....	1,269.22	231.81
28 46 13 31-1525	EA		198 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-200X) .....	1,637.07	260.78
28 46 13 31-1526	EA		954 Point, Addressable Fire Alarm Control Panels (Fire-Lite ES-1000X ) .....	2,450.80	289.76
28 46 13 31-1527	EA		Loop Expander Module (Fire-Lite SLC-3LS).....	731.32	43.46
28 46 13 31-1528	EA		Optional Cabinet For 1 Or 2 Modules (Fire-Lite BB-2F).....	202.57	28.98
28 46 13 31-1529	EA		Optional Cabinet For Up To 6 Modules Mounted On CHS-6 (Fire-Lite BB-6F).....	287.35	28.98
28 46 13 31-1530	EA		Battery Back Box (Fire-Lite BB-26) .....	176.59	17.39
28 46 13 31-1531	EA		Battery Box (Fire-Lite BB-55F).....	327.06	17.39
28 46 13 31-1532	EA		Chassis, Mounts Up To 6 Multi-Modules In A BB-6F Cabinet (Fire-Lite CHS-6) .....	89.29	11.59
28 46 13 31-1533	EA		Chassis, Mounts Up To Six Multi-Modules In A BB-6F Cabine (Fire-Lite CHG-75) .....	768.08	28.98
28 46 13 31-1534	EA		Battery Charger For Lead-Acid Batteries With A Rating Of 25 To 75 AH (Fire-Lite CHG-120F).....	1,637.47	57.95
28 46 13 31-1535	EA		6 AMP, NAC Expander Power Supply (Fire-Lite FL-PS6).....	891.04	28.98
28 46 13 31-1536	EA		10 AMP, NAC Expander Power Supply (Fire-Lite FL-PS10).....	920.77	28.98
28 46 13 31-1537	EA		Remote, Red LCD Annunciator Mimics The Information Displayed On The Face LCD Display (Fire-Lite ANN-80) .....	359.03	28.98
28 46 13 31-1538	EA		Led Driver Module Provides Connections To A User Supplied Graphic Annunciator (Fire-Lite ANN-I/O) .....	439.94	28.98
28 46 13 31-1539	EA		Annunciator Module Provides Three Leds For Each Zone: Alarm, Trouble, And Supervisory. Ships With Red Enclosure (Fire-Lite ANN-LED) .....	384.45	28.98
28 46 13 31-1540	EA		Provides Alarm (Red) Indicators For Up To 30 Input Zones Or Addressable Points (Fire-Lite ANN-RLED).....	384.45	28.98
28 46 13 31-1541	EA		Relay Module Provides 10 Programmable Form-C Relays (Fire-Lite ANN-RLY) .....	308.68	28.98
28 46 13 31-1542	EA		Serial/Parallel Printer Gateway Module (Fire-Lite ANN-S/PG).....	301.82	28.98
28 46 13 31-1543	EA		Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD365(A)).....	153.73	43.46
28 46 13 31-1544	EA		Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD365T(A)).....	172.44	43.46
28 46 13 31-1545	EA		Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD365R(A)).....	177.80	43.46
28 46 13 31-1546	EA		Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (CO) Detection (Fire-Lite SD365CO) .....	319.29	43.46
28 46 13 31-1547	EA		Low-Profile 135°F Fixed Thermal Sensor (Fire-Lite H365(A)) .....	147.04	43.46
28 46 13 31-1548	EA		Low-Profile, Intelligent, Rate-Of-Rise Thermal Sensor (Fire-Lite H365R(A)).....	165.68	43.46
28 46 13 31-1549	EA		Low-Profile Intelligent 190°F/88°C Fixed Thermal Sensor (Fire-Lite H365HT(A)) .....	196.06	43.46
28 46 13 31-1550	EA		Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite D365PL) .....	621.13	43.46
28 46 13 31-1551	EA		Addressable Low-Profile Ionization Smoke Detector (Fire-Lite CP355(A)) .....	229.15	43.46
28 46 13 31-1552	EA		Addressable Low-Profile Photoelectric Smoke Detector (Fire-Lite SD355(A)).....	153.73	43.46
28 46 13 31-1553	EA		Addressable Low-Profile Photoelectric Smoke Detector With Thermal Sensor (Fire-Lite SD355T(A)).....	198.90	43.46
28 46 13 31-1554	EA		Remote Test Capable Addressable Photoelectric Smoke Detector For Use With DNR (W) Duct Detector Housing (Fire-Lite SD355R(A)).....	222.83	43.46
28 46 13 31-1555	EA		Addressable, Low-Profile Device That Provides Fire, Heat, And Carbon Monoxide (Co) Detection (Fire-Lite SD355CO) .....	163.75	43.46
28 46 13 31-1556	EA		Fast-Response, Low-Profile Heat Detector (Fire-Lite H355(A)).....	198.27	43.46
28 46 13 31-1557	EA		Fast-Response, Low-Profile Heat Detector With Rate-Of-Rise Option (Fire-Lite H355R(A)).....	191.86	43.46
28 46 13 31-1558	EA		Fast-Response, Low-Profile Heat Detector That Activates At 190°F/88°C (Fire-Lite H355HT(A)).....	224.94	43.46
28 46 13 31-1559	EA		Low-Profile, Intelligent, "Adapt" Multi-Sensor Detector (B350LP Base Included) (Fire-Lite AD355(A)).....	219.67	43.46
28 46 13 31-1560	EA		Programmable, Addressable Sounder Base (Fire-Lite B200S(A)-WH).....	139.54	28.98
28 46 13 31-1561	EA		Addressable Sounder Base (Fire-Lite B200SR(A)-WH) .....	161.27	28.98
28 46 13 31-1562	EA		Programmable, Addressable Sounder Base, Low-Frequency (Fire-Lite B200S-LF-WH).....	184.68	28.98
28 46 13 31-1563	EA		Addressable Sounder Base, Low-Frequency (Fire-Lite B200SR-LF-WH) .....	188.62	28.98
28 46 13 31-1564	EA		Intelligent Beam Smoke Detector (Fire-Lite BEAM355) .....	1,704.05	43.46





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1565 EA Intelligent Beam Smoke Detector With Integral Sensitivity Test (Fire-Lite BEAM355S) .....	1,950.57	43.46
28 46 13 31-1566 EA Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Includes SD355R) (Fire-Lite D355PL(A)).....	274.75	28.98
28 46 13 31-1567 EA Innovairflex Low-Flow Non-Relay Duct-Detector Housing (Fire-Lite DNR(A)) .....	166.41	28.98
28 46 13 31-1568 EA Innovairflex Low-Flow Non-Relay Duct-Detector Housing, With NEMA-4 Rating, Watertight (Fire-Lite DNRW) .....	256.48	28.98
28 46 13 31-1569 EA Addressable Control Module For One Class B Or A Zone Of Supervised Polarized Notification Appliances (Fire-Lite CMF-300).....	108.45	17.39
28 46 13 31-1570 EA Six-Circuit Supervised Control Module (Fire-Lite CMF-300-6).....	584.77	28.98
28 46 13 31-1571 EA Addressable Relay Module Containing Two Isolated Sets Of Form-C Contacts, Which Operate As A Dpdt Switch (Fire-Lite CRF-300) .....	163.39	28.98
28 46 13 31-1572 EA Six-Relay Control Module (Form-C Relays) (Fire-Lite CRF-300-6).....	471.47	28.98
28 46 13 31-1573 EA Module Isolates The SLC (DCL) Loop From Short Circuit Conditions (Fire-Lite I300).....	88.71	14.48
28 46 13 31-1574 EA Six-Fault Isolator Module (Fire-Lite ISO-6) .....	422.24	28.98
28 46 13 31-1575 EA Dual Monitor Module (Fire-Lite MDF-300) .....	199.10	28.98
28 46 13 31-1576 EA Addressable Monitor Module For One Zone Of Normally-Open Dry-Contact Initiating Devices (Fire-Lite MMF-300) .....	88.46	14.48
28 46 13 31-1577 EA Ten-Input Monitor Module (Fire-Lite MMF-300-10).....	611.40	28.98
28 46 13 31-1578 EA Miniature Version Of MMF-300 (Fire-Lite MMF-301).....	117.16	23.18
28 46 13 31-1579 EA Addressable Monitor Module For One Zone Of Conventional Two-Wire Detectors (Fire-Lite MMF-302).....	167.05	28.98
28 46 13 31-1580 EA Six-Zone Interface Module (Fire-Lite MMF-302-6).....	604.67	28.98
28 46 13 31-1581 EA Mount For Modules (Fire-Lite SMB500).....	17.84	2.90
<b>28 46 13 31-1582 Addressable Control Panels (28 46 13 31-1522)</b>		
28 46 13 31-1583 EA 25 Point Intelligent Control (Fire Lite MS-25).....	1,919.61	579.52
28 46 13 31-1584 EA 50 Point Intelligent Control (Fire Lite MS-9050UD).....	2,104.66	579.52
28 46 13 31-1585 EA 198-Point Intelligent Control (Fire Lite MS-9200UDLS) .....	2,969.38	579.52
28 46 13 31-1586 EA 636-Point Intelligent Control (Fire Lite MS-9600LS) .....	4,360.40	579.52
28 46 13 31-1587 EA 636-Point Intelligent Control (Fire Lite MS-9600UDLS).....	4,277.13	579.52
28 46 13 31-1588 EA IP And 4G Cellur Fire Alarm Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G).....	681.96	
<b>28 46 13 31-1589 Silent Knight Fire Alarm (28 46 13 31-0795)</b>		
<b>28 46 13 31-1590 Addressable Fire Alarm Control Panel (28 46 13 31-1589)</b>		
28 46 13 31-1591 EA Addressable Fire Alarm Control Panel (Silent Knight 6820) .....	2,525.60	289.76
<b>28 46 13 31-1592 Intelligent Addressable Fire Alarm Control Panel with Emergency Voice System (28 46 13 31-1589)</b>		
28 46 13 31-1593 EA Intelligent Fire Alarm Control Panel with Emergency Voice System (Silent Knight 6820EVS) .....	4,914.07	289.76
<b>28 46 13 31-1594 Compatible EVS Equipment (28 46 13 31-1589)</b>		
28 46 13 31-1595 EA 50 Watt Amplifier (Silent Knight EVS-50W) .....	896.31	57.95
28 46 13 31-1596 EA 125 Watt Amplifier (Silent Knight EVS-125W) .....	1,572.54	57.95
28 46 13 31-1597 EA 50/100 Watt Amplifier (Silent Knight EVS-100W) .....	1,955.10	57.95
28 46 13 31-1598 EA External Backup Amplifier (Silent Knight EVS-100WBU).....	686.10	57.95
28 46 13 31-1599 EA 50 Watt Internal Amplifier (Silent Knight EVS-INT50W).....	645.06	57.95
28 46 13 31-1600 EA 4 Additional Audio Circuits (Silent Knight EVS-CE4) .....	234.96	14.48
28 46 13 31-1601 EA Remote Voice Module (Silent Knight EVS-RVM).....	1,048.64	23.18
28 46 13 31-1602 EA 24 Switch Expander (Silent Knight EVS-SW24) .....	415.49	28.98
28 46 13 31-1603 EA Network Voice Control Module (Silent Knight EVS-VCM).....	1,255.22	23.18
28 46 13 31-1604 EA Local Operator Consoule (Silent Knight EVS-LOC).....	1,689.36	57.95
<b>28 46 13 31-1605 Compatible SBUS Devices (28 46 13 31-1589)</b>		
28 46 13 31-1606 EA 4x40 LCD Remote Fire Annunciator With Four Programmable Buttons, Red (Silent Knight 6860).....	1,011.39	57.95
28 46 13 31-1607 EA 4x20 LCD Remote Fire Annunciator, Gray (Silent Knight 5860).....	453.14	57.95
28 46 13 31-1608 EA 4x20 LCD Remote Fire Annunciator, Red (Silent Knight 5860R) .....	539.85	57.95
28 46 13 31-1609 EA 4x20 LCD Remote Fire Annunciator, Red (Silent Knight 6855).....	354.84	57.95
28 46 13 31-1610 EA LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) (Silent Knight 5865-3).....	456.39	57.95
28 46 13 31-1611 EA LED Annunciators- Display Up To 30 LEDs (15 Red/15 Yellow) With Key Switches For Silence And Reset, And A System Trouble Led (Silent Knight 5865-4).....	482.46	57.95
28 46 13 31-1612 EA LED I/O Module With 40 Programmable LED Outputs And Eight Supervised Dry Contact Inputs (Silent Knight 5880) .....	376.93	43.46
28 46 13 31-1613 EA Relay Interface. Provides 10 Form C Relays (Silent Knight 5883).....	228.59	28.98
28 46 13 31-1614 EA Serial/Parallel Printer Interface Module For Printer Connection (Silent Knight 5824) .....	309.68	28.98
<b>28 46 13 31-1615 SK Compatible Addressable Device (28 46 13 31-1589)</b>		
28 46 13 31-1616 EA Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature (Silent Knight SK-ACCLIMATE).....	161.06	43.46
28 46 13 31-1617 EA Reflected Beam Smoke Detector Without Test Feature (Silent Knight SK-BEAM).....	925.47	43.46
28 46 13 31-1618 EA Reflected Beam Smoke Detector With Test Feature (Silent Knight SK-BEAM-T) .....	1,049.42	43.46
28 46 13 31-1619 EA Reflected Beam Smoke Detector, SK Protocol (Silent Knight OSI-RI-SK) .....	1,183.83	43.46
28 46 13 31-1620 EA Supervised Control Module (Silent Knight SK-CONTROL).....	159.43	43.46
28 46 13 31-1621 EA Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6) .....	481.39	57.95
28 46 13 31-1622 EA Photoelectric Duct Smoke Detector With Extended Air Speed Range (Silent Knight SK-DUCT) .....	259.97	43.46
28 46 13 31-1623 EA Four Criteria Fire And Carbon Monoxide Detector (Silent Knight SK-FIRE-CO) .....	234.41	43.46
28 46 13 31-1624 EA Four Criteria Fire And Carbon Monoxide Detector, White (Silent Knight SK-FIRE-CO-W).....	262.02	43.46
28 46 13 31-1625 EA Fixed Thermal Detector (135°F) (Silent Knight SK-HEAT) .....	146.25	43.46

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

28 46 13 31-1626	EA		Fixed Thermal Detector (135°F), White (Silent Knight SK-HEAT-W).....	150.46	43.46
28 46 13 31-1627	EA		Fixed Rate Of Rise Detector (Silent Knight SK-HEAT-ROR).....	147.91	43.46
28 46 13 31-1628	EA		Fixed Rate Of Rise Detector, White (Silent Knight SK-HEAT-ROR-W).....	150.46	43.46
28 46 13 31-1629	EA		Fixed High Temperature Heat Detector (190°F) (Silent Knight SK-HEAT-HT).....	146.25	43.46
28 46 13 31-1630	EA		Fixed High Temperature Heat Detector (190°F), White (Silent Knight SK-HEAT-HT-W).....	150.46	43.46
28 46 13 31-1631	EA		Fault Isolator Module (Silent Knight SK-ISO).....	146.25	43.46
28 46 13 31-1632	EA		Mini Monitor Module (Silent Knight SK-MINIMON).....	134.71	43.46
28 46 13 31-1633	EA		Monitor Module (Silent Knight SK-MONITOR).....	143.25	43.46
28 46 13 31-1634	EA		Dual Input Monitor Module (Silent Knight SK-MONITOR-2).....	185.81	43.46
28 46 13 31-1635	EA		10 Input Monitor Module (Silent Knight SK-MON-10).....	543.36	57.95
28 46 13 31-1636	EA		Photoelectric Smoke Detector (Silent Knight SK-PHOTO).....	149.55	43.46
28 46 13 31-1637	EA		Photoelectric Smoke Detector, White (Silent Knight SK-PHOTO-W).....	158.20	43.46
28 46 13 31-1638	EA		Photoelectric Detector With Remote Test Capability (Silent Knight SK-PHOTO-R).....	152.02	43.46
28 46 13 31-1639	EA		Photoelectric Detector With Remote Test Capability, White (Silent Knight SK-PHOTO-R-W).....	160.78	43.46
28 46 13 31-1640	EA		Photoelectric Smoke Detector With Fixed Thermal Heat (135°F) (Silent Knight SK-PHOTO-T).....	156.15	43.46
28 46 13 31-1641	EA		Photoelectric Smoke Detector With Fixed Thermal Heat (135°F), White (Silent Knight SK-PHOTO-T-W).....	164.89	43.46
28 46 13 31-1642	EA		Multi Criteria Photoelectric Smoke Detector With Thermal 135°F Fixed Temperature, White (Silent Knight SK-PTIR-W).....	175.21	43.46
28 46 13 31-1643	EA		Addressable Single Action Pull Station (Silent Knight SK-PULL-SA).....	141.28	28.98
28 46 13 31-1644	EA		Addressable Dual Action Pull Station (Silent Knight SK-PULL-DA).....	141.28	28.98
28 46 13 31-1645	EA		Addressable Relay Module (Silent Knight SK-RELAY).....	130.45	28.98
28 46 13 31-1646	EA		Addressable Six Relay Control Module (Silent Knight SK-RELAY-6).....	468.68	57.95
28 46 13 31-1647	EA		Addressable Dual Relay/Monitor Module (Silent Knight SK-RELAYMON-2).....	292.91	43.46
28 46 13 31-1648	EA		Addressable Zone Interface Module (Silent Knight SK-ZONE).....	172.62	43.46
28 46 13 31-1649	EA		Six Zone Interface Module (Silent Knight SK-ZONE-6).....	565.62	57.95

**28 46 13 31-1650 SK Bases** (28 46 13 31-1589)

28 46 13 31-1651	EA		6" Mounting Base (Silent Knight B210LP).....	42.57	14.48
28 46 13 31-1652	EA		4" Flangeless Mounting Base (Silent Knight B501).....	45.32	14.48
28 46 13 31-1653	EA		Intelligent Sounder Base (Silent Knight B200S).....	88.29	14.48
28 46 13 31-1654	EA		Low-Frequency Intelligent Sounder Base (Silent Knight B200-LF).....	122.92	14.48
28 46 13 31-1655	EA		Relay Base (Silent Knight B224RB).....	72.50	14.48
28 46 13 31-1656	EA		Isolator Base (Silent Knight B224BI).....	71.65	14.48

**28 46 13 31-1657 SD Compatible Addressable Device** (28 46 13 31-1589)

28 46 13 31-1658	EA		Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB).....	40.84	14.48
28 46 13 31-1659	EA		Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB).....	55.32	14.48
28 46 13 31-1660	EA		6" Addressable Relay Base (Silent Knight SD505-6RB).....	152.20	14.48
28 46 13 31-1661	EA		6" Addressable Sounder Base (Silent Knight SD505-6SB).....	157.62	14.48
28 46 13 31-1662	EA		Addressable Input Module (Silent Knight SD500-AIM).....	252.94	43.46
28 46 13 31-1663	EA		Addressable Notification Module (Silent Knight SD500-ANM).....	241.85	43.46
28 46 13 31-1664	EA		Addressable Relay Module (Silent Knight SD500-ARM).....	261.03	43.46

**28 46 13 31-1665 System Expanders** (28 46 13 31-1589)

28 46 13 31-1666	EA		SLC Expander For IDP Or SK Devices (Silent Knight 6815).....	538.31	57.95
28 46 13 31-1667	EA		SLC Expander For SD Devices (Silent Knight 5815XL).....	474.31	57.95
28 46 13 31-1668	EA		6A Power Supply With 6 Flexput Circuits And 2 Form C Relays (Silent Knight RPS-1000).....	846.13	28.98
28 46 13 31-1669	EA		6 AMP NAC Power Expander With 4 Power-Limited Output Ckts (Silent Knight 5496).....	589.29	86.93

**28 46 13 31-1670 Miscellaneous Accessories** (28 46 13 31-1589)

28 46 13 31-1671	EA		Remote Battery Box Accessory Cabinet (Silent Knight RBB).....	141.99	28.98
------------------	----	--	---	--------	-------

**28 46 13 31-1672 Silent Knight Fire Alarm** (28 46 13 31-0795)

28 46 13 31-1673	EA		Detector (Silent Knight IDP-PhotoR).....	211.31	43.46
28 46 13 31-1674	EA		SLC Annunciator Driver Module (Silent Knight SD500-LED).....	627.42	86.93
28 46 13 31-1675	EA		Monitoring Module (Silent Knight IDP).....	217.86	43.46
28 46 13 31-1676	EA		I/O Input-Output Module (Silent Knight SK-2880).....	516.21	28.98
28 46 13 31-1677	EA		Remote Annunciator (Silent Knight RA-2000).....	1,483.15	86.93
28 46 13 31-1678	EA		Power Supply (Silent Knight 5195/96).....	908.99	28.98
28 46 13 31-1679	EA		8 Zone Expander (Silent Knight SK-5210).....	712.60	28.98
28 46 13 31-1680	EA		10 Zone Expander (Silent Knight SK-5217).....	326.11	28.98
28 46 13 31-1681	EA		Remote Annunciator (Silent Knight SK-5235).....	339.89	57.95
28 46 13 31-1682	EA		LCD Remote Annunciator (Silent Knight SK-5230).....	324.11	57.95
28 46 13 31-1683	EA		Digital Fire Communicator with Cabinet (Silent Knight SK-5104).....	516.74	86.93
28 46 13 31-1684	EA		Ionization Smoke Detector (Silent Knight SK-ION).....	168.34	43.46
28 46 13 31-1685	EA		Addressable Relay Module (Silent Knight IDP-Relay).....	185.13	43.46
28 46 13 31-1686	EA		Telephone Line Monitor (Silent Knight SK-7150).....	116.87	28.98
28 46 13 31-1687	EA		Serial Driver Board (Silent Knight SK-2884).....	203.28	28.98
28 46 13 31-1688	EA		Addressable Duct Detector Test Switch (Silent Knight SD505-DTS).....	159.10	43.46
28 46 13 31-1689	EA		Smoke Detector Base (Silent Knight IDP-6AB).....	61.71	14.48
28 46 13 31-1690	EA		Mini Input Module (Silent Knight IDP-MINIMON).....	156.15	28.98
28 46 13 31-1691	EA		Status Display Module (Silent Knight SK-4180).....	529.30	28.98
28 46 13 31-1692	EA		8-Channel Digital Communicator (Silent Knight SK-1420).....	319.81	28.98
28 46 13 31-1693	EA		Serial Parallel Module (Silent Knight SK-4824).....	293.62	28.98
28 46 13 31-1694	EA		Addressable Heat Sensor (Silent Knight SD505-AHS).....	179.75	43.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1695 EA Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS).....	155.73	43.46
28 46 13 31-1696 EA Power Supply (Silent Knight SK-5197 / SK-5198) .....	1,039.93	28.98
28 46 13 31-1697 EA 4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204).....	1,802.97	115.91
28 46 13 31-1698 EA Intelligent Ionization Smoke Detector (Silent Knight IDP-ION).....	217.86	43.46
28 46 13 31-1699 EA Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo) .....	185.13	43.46
28 46 13 31-1700 EA Analog Ionization Smoke Detector (Silent Knight SD505-AIS) .....	165.12	43.46
28 46 13 31-1701 EA Addressable Mini Input Module (Silent Knight SD500-MIM) .....	124.25	28.98
28 46 13 31-1702 EA 6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495).....	594.69	86.93
28 46 13 31-1703 EA Manual Pull Station (single action) (Silent Knight PS-SATK) .....	89.24	28.98
28 46 13 31-1704 EA Manual Pull Station (dual action) (Silent Knight PS-DATK) .....	95.49	28.98
28 46 13 31-1705 EA Manual Pull Station (dual action) (Silent Knight PS-DA).....	93.73	28.98
28 46 13 31-1706 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808) .....	1,242.26	115.91
28 46 13 31-1707 EA Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS).....	3,937.47	289.76
28 46 13 31-1708 EA Supervised Remote Command Unit (Silent Knight EVS-RCU).....	1,653.92	173.85
28 46 13 31-1709 EA Voice Evacuation System (Silent Knight SKE-450) .....	1,941.59	115.91
28 46 13 31-1710 EA Fire Fighters Telephone (Silent Knight SK-FFT).....	1,618.11	115.91
28 46 13 31-1711 EA Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL) .....	1,743.48	173.85
28 46 13 31-1712 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700) .....	959.70	115.91
28 46 13 31-1713 EA Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600).....	833.45	115.91
28 46 13 31-1714 EA Ionization Smoke Detector (Silent Knight SK-ION) .....	168.34	43.46
28 46 13 31-1715 EA Sounder Base (Silent Knight B200SR) .....	91.07	14.48
28 46 13 31-1716 EA Intelligent Sounder Base (Silent Knight B200S).....	96.11	14.48
28 46 13 31-1717 EA Isolator Base (Silent Knight B224BI).....	76.82	14.48
28 46 13 31-1718 EA Relay Base (Silent Knight B224RB).....	77.65	14.48
28 46 13 31-1719 EA 6" Isolator Base (Silent Knight SD505-6IB).....	95.28	14.48
28 46 13 31-1720 EA Loop Isolation Module (Silent Knight SD500-LIM) .....	160.77	43.46
28 46 13 31-1721 EA Single Action Addressable Pull Station (Silent Knight SD500-PS).....	156.54	28.98
28 46 13 31-1722 EA Dual Action Addressable Pull Station (Silent Knight SD500-PSDA) .....	150.07	28.98
28 46 13 31-1723 EA Back Box (Silent Knight SK-PSSMBB) .....	73.42	23.18
28 46 13 31-1724 EA Smoke Detector Module (Silent Knight SD500-SDM).....	177.43	43.46
28 46 13 31-1725 EA Addressable Duct Housing (Silent Knight SD505-DUCT).....	314.59	43.46
28 46 13 31-1726 EA Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR).....	353.50	43.46
28 46 13 31-1727 EA Intelligent Power Module (Silent Knight 5895XL).....	900.47	115.91
28 46 13 31-1728 EA Addressable Pull Station (Silent Knight SK-Pull-DA/SA) .....	150.07	28.98
28 46 13 31-1729 EA Communicator (Silent Knight IPGSM-4G) .....	733.24	57.95
28 46 13 31-1730 EA Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208) .....	1,169.87	115.91
28 46 13 31-1731 EA Status Display Module (Silent Knight 5280).....	104.12	28.98
28 46 13 31-1732 EA Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4).....	688.49	115.91
28 46 13 31-1733 EA Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E) .....	700.96	115.91
28 46 13 31-1734 EA Dress Panel (Silent Knight SK-DP2/4).....	133.47	28.98
28 46 13 31-1735 EA Class A Convertor (Silent Knight SK-CAC4) .....	333.00	43.46
28 46 13 31-1736 EA Transmitter Module (Silent Knight SK-4XTM) .....	185.52	43.46
28 46 13 31-1737 EA LED Interface Module (Silent Knight SK-4XLM) .....	172.58	43.46
28 46 13 31-1738 EA 110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24) .....	169.46	28.98
28 46 13 31-1739 EA Remote Annunciator (Silent Knight SK-RZA4) .....	172.58	43.46
28 46 13 31-1740 EA Zone Relay Module (Silent Knight SK-4XZM).....	183.90	43.46
28 46 13 31-1741 EA Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2) .....	602.76	115.91
28 46 13 31-1742 EA Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH) .....	85.17	28.98
28 46 13 31-1743 EA Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	176.21	34.77
28 46 13 31-1744 EA 9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499).....	663.27	86.93
<b>28 46 13 31-1745</b>	<b>Alerton Fire Alarm</b> <small>(28 46 13 31)</small>	
28 46 13 31-1746 EA UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100) .....	638.94	8.69
<b>28 46 13 31-1747</b>	<b>Cooper Fire Alarm</b> <small>(28 46 13 31)</small>	
28 46 13 31-1748 EA Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R).....	204.41	28.98
28 46 13 31-1749 EA Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001).....	4,644.93	49.26
28 46 13 31-1750 EA Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	6,131.23	49.26
28 46 13 31-1751 EA Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	2,224.80	57.95
28 46 13 31-1752 EA Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	2,238.01	57.95
28 46 13 31-1753 EA Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	2,238.01	57.95
28 46 13 31-1754 EA Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001).....	1,653.40	57.95
28 46 13 31-1755 EA Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003).....	1,653.40	57.95
28 46 13 31-1756 EA Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004).....	1,653.40	57.95
28 46 13 31-1757 EA Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005).....	2,238.01	57.95
28 46 13 31-1758 EA Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006) .....	2,238.01	57.95
28 46 13 31-1759 EA Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007) .....	2,238.01	57.95
28 46 13 31-1760 EA Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008) .....	2,238.01	57.95



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1761	EA		Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002).....	2,238.01	57.95
28 46 13 31-1762	EA		Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001).....	2,579.86	57.95
28 46 13 31-1763	EA		Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003).....	2,394.90	57.95
28 46 13 31-1764	EA		Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005).....	2,394.90	57.95
28 46 13 31-1765	EA		Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006).....	2,394.90	57.95
<b>28 46 13 31-1766</b>			<b>Light Engineered Displays Message Boards (28 46 13 31)</b>		
28 46 13 31-1767	EA		Two Message Sign, Announcement And Evacuate (LED SP-2/MNS).....	952.59	34.77
28 46 13 31-1768	EA		Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4).....	838.93	34.77
<b>28 46 13 31-1769</b>			<b>Safety Technology International Fire Alarm (28 46 13 31)</b>		
<b>28 46 13 31-1770</b>			<b>Enclosures (28 46 13 31-1769)</b>		
28 46 13 31-1771	EA		6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O).....	157.45	17.39
28 46 13 31-1772	EA		6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W).....	206.74	17.39
28 46 13 31-1773	EA		8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O).....	160.74	17.39
28 46 13 31-1774	EA		8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W).....	207.84	17.39
28 46 13 31-1775	EA		8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O).....	165.12	17.39
28 46 13 31-1776	EA		8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W).....	240.70	17.39
28 46 13 31-1777	EA		10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O).....	172.79	17.39
28 46 13 31-1778	EA		10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W).....	239.60	17.39
28 46 13 31-1779	EA		12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O).....	185.93	17.39
28 46 13 31-1780	EA		12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W).....	260.41	17.39
28 46 13 31-1781	EA		14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O).....	222.08	17.39
28 46 13 31-1782	EA		14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W).....	339.28	17.39
28 46 13 31-1783	EA		14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O).....	239.60	17.39
28 46 13 31-1784	EA		14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W).....	429.10	17.39
28 46 13 31-1785	EA		16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O).....	254.94	17.39
28 46 13 31-1786	EA		16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W).....	442.24	17.39
28 46 13 31-1787	EA		18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O).....	304.23	17.39
28 46 13 31-1788	EA		18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W).....	454.29	17.39
28 46 13 31-1789	EA		20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O).....	442.24	17.39
28 46 13 31-1790	EA		20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W).....	659.13	17.39
28 46 13 31-1791	EA		6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O).....	115.83	17.39
28 46 13 31-1792	EA		6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T).....	126.78	17.39
28 46 13 31-1793	EA		8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O).....	120.76	17.39
28 46 13 31-1794	EA		8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T).....	130.07	17.39
28 46 13 31-1795	EA		8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O).....	125.14	17.39
28 46 13 31-1796	EA		8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T).....	136.09	17.39
28 46 13 31-1797	EA		10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O).....	126.78	17.39
28 46 13 31-1798	EA		10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T).....	149.24	17.39
28 46 13 31-1799	EA		10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O).....	133.35	17.39
28 46 13 31-1800	EA		10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T).....	153.62	17.39
28 46 13 31-1801	EA		10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O).....	139.38	17.39
28 46 13 31-1802	EA		10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T).....	156.35	17.39
28 46 13 31-1803	EA		12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O).....	141.02	17.39
28 46 13 31-1804	EA		12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T).....	161.83	17.39
28 46 13 31-1805	EA		14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O).....	166.21	17.39
28 46 13 31-1806	EA		14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T).....	207.84	17.39
28 46 13 31-1807	EA		16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O).....	183.74	17.39
28 46 13 31-1808	EA		16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T).....	249.46	17.39
28 46 13 31-1809	EA		18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O).....	204.55	17.39
28 46 13 31-1810	EA		18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T).....	268.08	17.39
28 46 13 31-1811	EA		18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O).....	233.03	17.39
28 46 13 31-1812	EA		18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T).....	315.18	17.39
28 46 13 31-1813	EA		20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O).....	374.33	17.39
28 46 13 31-1814	EA		20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T).....	391.86	17.39
28 46 13 31-1815	EA		24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O).....	567.11	17.39
28 46 13 31-1816	EA		24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T).....	658.03	17.39
<b>28 46 13 31-1817</b>			<b>STI® Fire Alarm Devices (28 46 13 31-1769)</b>		
28 46 13 31-1818	EA		Pull Station Polycarbonate Cover, Semi-Flush With Horn (STI-1100).....	189.76	17.39
			Note: Includes 9 Volt DC self contained battery.		
28 46 13 31-1819	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130).....	207.84	17.39
28 46 13 31-1820	EA		Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200).....	119.39	17.39
28 46 13 31-1821	EA		Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D).....	120.48	17.39
			Note: For surface mounted horn strobes.		
28 46 13 31-1822	EA		Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E).....	106.24	17.39
28 46 13 31-1823	EA		Strobe Damage Stopper And Open Back Box With Conduit Knockout (STI-1221D).....	120.48	17.39
			Note: For surface mounted strobe.		
28 46 13 31-1824	EA		Strobe Damage Stopper And Open Back Box, Semi-Flush (STI-1221E).....	95.56	17.39
28 46 13 31-1825	EA		NEMA 4X Rated Polycarbonate Dome Cover (STI-1229).....	235.22	17.39
28 46 13 31-1826	EA		Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230).....	154.16	17.39
			Note: For surface mounted pull stations.		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1827 EA Backplate For Polycarbonate Cover (STI-1280).....	69.38	17.39
28 46 13 31-1828 EA Conduit Gasket For Polycarbonate Cover (STI-3003).....	47.91	17.39
28 46 13 31-1829 EA Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100).....	70.59	17.39
28 46 13 31-1830 EA Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150).....	173.33	17.39
28 46 13 31-1831 EA 8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A).....	142.12	17.39
28 46 13 31-1832 EA Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100).....	102.68	17.39
28 46 13 31-1833 EA Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601).....	96.66	17.39
28 46 13 31-1834 EA Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602).....	93.10	17.39
28 46 13 31-1835 EA Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604).....	96.66	17.39
28 46 13 31-1836 EA Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605).....	93.10	17.39
28 46 13 31-1837 EA Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609).....	96.66	17.39
28 46 13 31-1838 EA Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610).....	93.10	17.39
28 46 13 31-1839 EA Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625).....	190.86	17.39
28 46 13 31-1840 EA White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705).....	85.92	17.39
28 46 13 31-1841 EA Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R).....	105.78	17.39
28 46 13 31-1842 EA Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706).....	135.00	17.39
28 46 13 31-1843 EA Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707).....	135.00	17.39
28 46 13 31-1844 EA White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708).....	95.56	17.39
28 46 13 31-1845 EA Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R).....	95.56	17.39
28 46 13 31-1846 EA White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711).....	85.92	17.39
28 46 13 31-1847 EA Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713).....	95.56	17.39
28 46 13 31-1848 EA White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714).....	95.56	17.39
28 46 13 31-1849 EA Yellow, High Threat, Push Button Station (STI SS-2201).....	130.93	8.69
28 46 13 31-1850 EA Gasket Kit For STI Covers (STI SUB-121).....	53.34	
28 46 13 31-1851 EA Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT).....	249.46	17.39
28 46 13 31-1852 EA No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV).....	132.80	17.39
28 46 13 31-1853 EA No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM).....	132.80	17.39
28 46 13 31-1854 EA Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM).....	249.46	17.39
28 46 13 31-1855 EA Flush Mounted, Weather Stopper II (STI-1250).....	143.48	17.39
28 46 13 31-1856 EA Flush Mounted, Clear, Universal Stopper (STI-13000NC).....	93.10	17.39
28 46 13 31-1857 EA Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR).....	164.57	17.39
28 46 13 31-1858 EA Surface Mounted, Clear, Universal Stopper (STI-13200NC).....	113.64	17.39
28 46 13 31-1859 EA Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR).....	124.59	17.39
28 46 13 31-1860 EA Surface Mounted, No Label, White, Universal Stopper (STI-13210NW).....	136.09	17.39
28 46 13 31-1861 EA Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY).....	136.09	17.39
28 46 13 31-1862 EA Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR).....	184.83	17.39
28 46 13 31-1863 EA Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY).....	195.79	17.39
28 46 13 31-1864 EA Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR).....	234.13	17.39
28 46 13 31-1865 EA Stopper II, Weather Gasket (STI-3002).....	46.76	17.39
28 46 13 31-1866 EA Large, Break Glass Stopper (STI-4100).....	135.00	17.39
28 46 13 31-1867 EA Stopper "G" Standard Break Glass Cover (STI-6100).....	130.07	17.39
28 46 13 31-1868 EA Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A).....	125.41	17.39
28 46 13 31-1869 EA Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530).....	345.85	17.39
28 46 13 31-1870 EA Heated, Metal, Protective Cabinet (STI-7560AH).....	4,920.08	17.39
28 46 13 31-1871 EA Stainless Steel Guard (STI-9604SS).....	88.44	17.39
28 46 13 31-1872 EA 5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621).....	78.86	17.39
28 46 13 31-1873 EA System Sensor Fire Alarm (28 46 13 31)		
28 46 13 31-1874 EA Smoke Detectors (28 46 13 31-1873)		
28 46 13 31-1875 EA Beam Detector Heater Kit (System Sensor BEAMHK).....	64.58	5.79
28 46 13 31-1876 EA Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR).....	277.12	5.79
Note: Four used with long range kit.		
28 46 13 31-1877 EA Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK).....	323.09	57.95
28 46 13 31-1878 EA Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK).....	232.00	57.95
28 46 13 31-1879 EA Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK).....	185.57	57.95
28 46 13 31-1880 EA Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B).....	168.69	43.46
28 46 13 31-1881 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B).....	173.55	43.46
28 46 13 31-1882 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B).....	177.49	43.46
28 46 13 31-1883 EA Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B).....	171.52	43.46
28 46 13 31-1884 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B).....	185.46	43.46
28 46 13 31-1885 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B).....	181.90	43.46
28 46 13 31-1886 EA Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B).....	265.29	43.46
28 46 13 31-1887 EA Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151).....	153.73	28.98
28 46 13 31-1888 EA Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T).....	176.85	28.98
Note: Requires B100 series base.		
28 46 13 31-1889 EA Heavy-Duty Multi-Mount Kit (System Sensor 6500-MMK).....	317.13	14.48
28 46 13 31-1890 EA Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy-Duty Multi-Mount Kit (System Sensor 6500-SMK).....	105.48	14.48
28 46 13 31-1891 EA Four Wire, Low Profile, Plug In Detector (System Sensor 2D51).....	199.14	43.46
28 46 13 31-1892 EA Duct Smoke Detectors (28 46 13 31-1873)		
28 46 13 31-1893 EA Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2).....	398.89	43.46
28 46 13 31-1894 EA Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120).....	395.32	43.46
28 46 13 31-1895 EA Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W).....	521.22	49.26
28 46 13 31-1896 EA Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S).....	260.37	28.98
28 46 13 31-1897 EA Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL).....	70.38	8.69





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1898	EA		Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	223.77	23.18
28 46 13 31-1899	EA		Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	366.34	28.98
28 46 13 31-1900	EA		1' Steel Sampling Tube (System Sensor DST1)	38.54	11.59
28 46 13 31-1901	EA		1.5' Steel Sampling Tube (System Sensor DST1.5)	42.59	11.59
28 46 13 31-1902	EA		3' Steel Sampling Tube (System Sensor DST3)	48.72	11.59
28 46 13 31-1903	EA		5' Steel Sampling Tube (System Sensor DST5)	54.77	14.48
28 46 13 31-1904	EA		10' Steel Sampling Tube (System Sensor DST10)	94.19	17.39
28 46 13 31-1905	EA		1' Steel, Exhaust Tube Duct (System Sensor ETX)	44.26	11.59
28 46 13 31-1906	EA		Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	105.18	14.48
28 46 13 31-1907	EA		Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	238.74	
28 46 13 31-1908	EA		Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	256.60	
<b>28 46 13 31-1909</b>			<b>Heat Detectors</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-1910	EA		Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	113.34	43.46
28 46 13 31-1911	EA		Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	115.15	43.46
28 46 13 31-1912	EA		Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	136.34	43.46
28 46 13 31-1913	EA		Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	136.34	43.46
28 46 13 31-1914	EA		Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	146.17	43.46
28 46 13 31-1915	EA		Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	146.17	43.46
<b>28 46 13 31-1916</b>			<b>Horns</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-1917	EA		Red, Mini Horn (System Sensor MHR)	124.73	43.46
28 46 13 31-1918	EA		White, Mini Horn (System Sensor MHW)	124.73	43.46
28 46 13 31-1919	EA		White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	126.58	43.46
28 46 13 31-1920	EA		Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	160.79	49.26
28 46 13 31-1921	EA		Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	126.58	43.46
28 46 13 31-1922	EA		Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	168.69	43.46
28 46 13 31-1923	EA		White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	127.18	43.46
28 46 13 31-1924	EA		Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	127.18	43.46
<b>28 46 13 31-1925</b>			<b>Wall Mounted Horns/Strobes</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-1926	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	176.23	43.46
28 46 13 31-1927	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	222.35	43.46
28 46 13 31-1928	EA		Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	265.22	49.26
28 46 13 31-1929	EA		Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P)	258.67	49.26
28 46 13 31-1930	EA		Outdoor Back Box, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120)	271.47	49.26
28 46 13 31-1931	EA		Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK)	264.32	49.26
28 46 13 31-1932	EA		Plain, Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P)	250.33	49.26
28 46 13 31-1933	EA		Outdoor, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R)	217.61	43.46
28 46 13 31-1934	EA		Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P)	172.07	43.46
28 46 13 31-1935	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL)	176.23	43.46
28 46 13 31-1936	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH)	224.00	43.46
28 46 13 31-1937	EA		Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK)	256.29	49.26
28 46 13 31-1938	EA		Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P)	258.67	49.26
28 46 13 31-1939	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P)	222.35	43.46
28 46 13 31-1940	EA		Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK)	273.26	49.26
28 46 13 31-1941	EA		Plain, Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P)	250.33	49.26
28 46 13 31-1942	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	171.17	43.46
28 46 13 31-1943	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL)	213.74	43.46
28 46 13 31-1944	EA		Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH)	213.97	43.46
28 46 13 31-1945	EA		Outdoor Back Box, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK)	246.95	49.26
28 46 13 31-1946	EA		Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R)	244.38	49.26
28 46 13 31-1947	EA		White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL)	213.74	43.46
28 46 13 31-1948	EA		Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4WHK)	283.48	49.26
28 46 13 31-1949	EA		Outdoor Back Box, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK)	259.26	49.26



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1950 EA Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF) .....	265.53	43.46
28 46 13 31-1951 EA White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF) .....	265.53	43.46
28 46 13 31-1952 EA Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL) .....	175.64	43.46
28 46 13 31-1953 EA White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL) .....	175.64	43.46
<b>28 46 13 31-1954 Ceiling Mounted Horns/Strobes (28 46 13 31-1873)</b>		
28 46 13 31-1955 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL) .....	179.21	43.46
28 46 13 31-1956 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH) .....	225.65	43.46
28 46 13 31-1957 EA Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK) .....	256.29	49.26
28 46 13 31-1958 EA Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK) .....	248.55	49.26
28 46 13 31-1959 EA Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P) .....	214.09	43.46
28 46 13 31-1960 EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL) .....	179.21	43.46
28 46 13 31-1961 EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH) .....	225.65	43.46
28 46 13 31-1962 EA Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK) .....	256.29	49.26
28 46 13 31-1963 EA Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P) .....	225.65	43.46
28 46 13 31-1964 EA Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK) .....	248.55	49.26
28 46 13 31-1965 EA Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P) .....	212.44	43.46
28 46 13 31-1966 EA Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL) .....	215.23	43.46
28 46 13 31-1967 EA Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH) .....	213.97	43.46
28 46 13 31-1968 EA White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL) .....	215.23	43.46
<b>28 46 13 31-1969 Wall Mounted Strobes (28 46 13 31-1873)</b>		
28 46 13 31-1970 EA White Strobe Expander Plate Back Box Skirt (System Sensor SEP-BBSW) .....	82.44	14.48
28 46 13 31-1971 EA White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW) .....	162.64	14.48
28 46 13 31-1972 EA Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL) .....	158.07	43.46
28 46 13 31-1973 EA Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH) .....	181.27	43.46
28 46 13 31-1974 EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK) .....	220.53	49.26
28 46 13 31-1975 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK) .....	218.01	49.26
28 46 13 31-1976 EA Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P) .....	228.90	49.26
28 46 13 31-1977 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R) .....	199.73	49.26
28 46 13 31-1978 EA Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P) .....	156.59	43.46
28 46 13 31-1979 EA White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL) .....	157.48	43.46
28 46 13 31-1980 EA White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT) .....	171.47	43.46
28 46 13 31-1981 EA White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT) .....	200.88	43.46
28 46 13 31-1982 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH) .....	210.79	43.46
28 46 13 31-1983 EA White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT) .....	209.14	43.46
28 46 13 31-1984 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P) .....	209.14	43.46
28 46 13 31-1985 EA Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P) .....	232.47	49.26
28 46 13 31-1986 EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK) .....	229.79	49.26
28 46 13 31-1987 EA White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P) .....	231.88	49.26
28 46 13 31-1988 EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R) .....	225.68	49.26
28 46 13 31-1989 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK) .....	227.41	49.26
28 46 13 31-1990 EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P) .....	228.60	49.26
28 46 13 31-1991 EA White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P) .....	156.29	43.46

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1992	EA		Amber, Wall Strobe Lens Attachment (System Sensor LENS-A) .....	27.96	5.79
28 46 13 31-1993	EA		Blue, Wall Strobe Lens Attachment (System Sensor LENS-B) .....	27.96	5.79
28 46 13 31-1994	EA		Green, Wall Strobe Lens Attachment (System Sensor LENS-G) .....	27.96	5.79
28 46 13 31-1995	EA		Red, Wall Strobe Lens Attachment (System Sensor LENS-R) .....	27.96	5.79
28 46 13 31-1996	EA		Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL) .....	160.46	43.46
28 46 13 31-1997	EA		White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL) .....	157.18	43.46
28 46 13 31-1998	EA		L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2) .....	27.96	5.79
28 46 13 31-1999	EA		L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2) .....	27.96	5.79
28 46 13 31-2000	EA		L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2) .....	27.96	5.79
28 46 13 31-2001	EA		L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2) .....	27.96	5.79
28 46 13 31-2002	EA		Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR) .....	224.60	43.46
28 46 13 31-2003	EA		White, 8 Multi-tone, 12 VDC, 1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW) .....	224.60	43.46
<b>28 46 13 31-2004</b>			<b>Ceiling Mounted Strobes</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2005	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL) .....	161.35	43.46
28 46 13 31-2006	EA		Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH) .....	183.78	43.46
28 46 13 31-2007	EA		Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK) .....	220.53	49.26
28 46 13 31-2008	EA		Outdoor Back Box, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK) .....	220.53	49.26
28 46 13 31-2009	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL) .....	161.35	43.46
28 46 13 31-2010	EA		Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT) .....	173.26	43.46
28 46 13 31-2011	EA		White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH) .....	214.09	43.46
28 46 13 31-2012	EA		Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK) .....	229.79	49.26
28 46 13 31-2013	EA		Outdoor Back Box, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK) .....	227.41	49.26
28 46 13 31-2014	EA		Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWP) .....	189.32	43.46
28 46 13 31-2015	EA		Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC) .....	27.96	5.79
28 46 13 31-2016	EA		Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC) .....	27.96	5.79
28 46 13 31-2017	EA		Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC) .....	27.96	5.79
28 46 13 31-2018	EA		Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC) .....	27.96	5.79
<b>28 46 13 31-2019</b>			<b>Wall Mounted Speakers</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2020	EA		24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V) .....	433.42	43.46
28 46 13 31-2021	EA		Red, Wall Mounted Speaker (System Sensor SPRL) .....	133.96	43.46
28 46 13 31-2022	EA		Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK) .....	220.88	43.46
28 46 13 31-2023	EA		Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R) .....	180.68	49.26
28 46 13 31-2024	EA		Red, High dB, Wall Mounted Speaker (System Sensor SPRV) .....	149.82	43.46
28 46 13 31-2025	EA		White, Wall Mounted Speaker (System Sensor SPWL) .....	133.96	43.46
28 46 13 31-2026	EA		White, Outdoor, Wall Mounted Speaker (System Sensor SPWK) .....	231.28	49.26
28 46 13 31-2027	EA		White, High dB, Wall Mounted Speaker (System Sensor SPWV) .....	152.30	43.46
<b>28 46 13 31-2028</b>			<b>Ceiling Mounted Speakers</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2029	EA		Red, Ceiling Mounted Speaker (System Sensor SPCL) .....	130.69	43.46
28 46 13 31-2030	EA		Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK) .....	200.76	43.46
28 46 13 31-2031	EA		Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV) .....	149.82	43.46
28 46 13 31-2032	EA		White, Ceiling Mounted Speaker (System Sensor SPCWL) .....	133.37	43.46
28 46 13 31-2033	EA		White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV) .....	169.50	43.46
28 46 13 31-2034	EA		White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK) .....	232.47	49.26
<b>28 46 13 31-2035</b>			<b>Wall Mounted Speakers/Strobes</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2036	EA		White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL) .....	160.55	14.48
28 46 13 31-2037	EA		White Speaker Strobe Expander Plate Back Box Skirt (System Sensor SPSEP-BBSWL) .....	78.87	14.48
28 46 13 31-2038	EA		Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL) .....	223.86	43.46
28 46 13 31-2039	EA		Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH) .....	229.07	43.46
28 46 13 31-2040	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK) .....	304.81	49.26
28 46 13 31-2041	EA		Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P) .....	324.16	49.26
28 46 13 31-2042	EA		Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R) .....	274.74	49.26
28 46 13 31-2043	EA		Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P) .....	221.18	43.46
28 46 13 31-2044	EA		Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV) .....	221.52	43.46
28 46 13 31-2045	EA		White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT) .....	225.05	43.46



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2046 EA White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT).....	328.33	49.26
28 46 13 31-2047 EA White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL).....	223.86	43.46
28 46 13 31-2048 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH).....	273.54	43.46
28 46 13 31-2049 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P).....	273.54	43.46
28 46 13 31-2050 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK).....	340.23	49.26
28 46 13 31-2051 EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P).....	322.97	49.26
28 46 13 31-2052 EA White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P).....	219.99	43.46
28 46 13 31-2053 EA White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV).....	263.63	43.46
28 46 13 31-2054 EA White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P).....	263.63	43.46
28 46 13 31-2055 EA L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT).....	233.66	49.26
<b>28 46 13 31-2056 Ceiling Mounted Speakers/Strobes (28 46 13 31-1873)</b>		
28 46 13 31-2057 EA Red, Selectable Candela ( 15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL).....	207.79	43.46
28 46 13 31-2058 EA Red, Selectable Candela ( 135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH).....	231.58	43.46
28 46 13 31-2059 EA Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV).....	221.52	43.46
28 46 13 31-2060 EA White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL).....	207.79	43.46
28 46 13 31-2061 EA White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT).....	222.67	43.46
28 46 13 31-2062 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH).....	273.54	43.46
28 46 13 31-2063 EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK).....	342.02	49.26
28 46 13 31-2064 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P).....	273.54	43.46
28 46 13 31-2065 EA White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT).....	328.92	49.26
28 46 13 31-2066 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK).....	340.23	49.26
28 46 13 31-2067 EA White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P).....	207.79	43.46
28 46 13 31-2068 EA White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV).....	263.63	43.46
28 46 13 31-2069 EA White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH).....	273.54	43.46
28 46 13 31-2070 EA White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P).....	263.63	43.46
28 46 13 31-2071 EA High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH).....	273.31	43.46
<b>28 46 13 31-2072 Electric Alarm Bells (28 46 13 31-1873)</b>		
28 46 13 31-2073 EA 6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6).....	168.79	43.46
28 46 13 31-2074 EA 8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8).....	183.38	43.46
28 46 13 31-2075 EA 10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10).....	199.45	43.46
<b>28 46 13 31-2076 Device Bases (28 46 13 31-1873)</b>		
28 46 13 31-2077 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	136.44	14.48
28 46 13 31-2078 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	131.98	14.48
28 46 13 31-2079 EA Intelligent Isolator Base (System Sensor B224BI).....	107.86	14.48
28 46 13 31-2080 EA Intelligent Relay Base (System Sensor B224RB).....	109.05	14.48
28 46 13 31-2081 EA Flangeless, Intelligent Detector Base (System Sensor B501).....	66.13	14.48
28 46 13 31-2082 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV).....	136.44	14.48
28 46 13 31-2083 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV).....	131.98	14.48
28 46 13 31-2084 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF).....	199.25	14.48
28 46 13 31-2085 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV).....	199.25	14.48
28 46 13 31-2086 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH).....	192.70	14.48
28 46 13 31-2087 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH).....	144.25	14.48
28 46 13 31-2088 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH).....	129.30	14.48
28 46 13 31-2089 EA Intelligent Isolator Base, Ivory (System Sensor B224BI-IV).....	107.86	14.48
28 46 13 31-2090 EA Intelligent Isolator Base, White (System Sensor B224BI-WH).....	100.72	14.48
28 46 13 31-2091 EA Intelligent Relay Base, Ivory (System Sensor B224RB-IV).....	109.05	14.48
28 46 13 31-2092 EA Intelligent Relay Base, White (System Sensor B224RB-WH).....	102.21	14.48
28 46 13 31-2093 EA Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL).....	66.13	14.48





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2094	EA		Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV) .....	66.13	14.48
28 46 13 31-2095	EA		Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE) .....	58.39	14.48
28 46 13 31-2096	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF) .....	202.82	14.48
28 46 13 31-2097	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV) .....	202.82	14.48
28 46 13 31-2098	EA		Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH) .....	195.08	14.48
28 46 13 31-2099	EA		6" Intelligent Flanged Mounting Base (System Sensor B300-6) .....	51.31	14.48
28 46 13 31-2100	EA		6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV) .....	58.75	14.48
28 46 13 31-2101	EA		Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP) .....	56.23	14.48
28 46 13 31-2102	EA		Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP) .....	114.86	17.39
<b>28 46 13 31-2103 Boxes, Plates And Decals (28 46 13 31-1873)</b>					
28 46 13 31-2104	EA		120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K) .....	58.99	14.48
28 46 13 31-2105	EA		Red, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBB) .....	91.25	14.48
28 46 13 31-2106	EA		White, Ceiling Mounted, Metal, Weatherproof Back Box (System Sensor MWBBCW) .....	99.83	14.48
28 46 13 31-2107	EA		White, Wall Mounted, Metal, Weatherproof Back Box (System Sensor MWBBW) .....	91.25	14.48
28 46 13 31-2108	EA		Red Retrofit Plate (System Sensor RFP) .....	41.44	8.69
28 46 13 31-2109	EA		White Retrofit Plate (System Sensor RFPW) .....	41.08	8.69
28 46 13 31-2110	EA		Red, Wall Mounted, Weatherproof Back Box (System Sensor SA-WBB) .....	76.37	14.48
28 46 13 31-2111	EA		Red, Ceiling Mounted, Weatherproof Back Box (System Sensor SA-WBBC) .....	86.61	14.48
28 46 13 31-2112	EA		Red, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCL) .....	59.70	14.48
28 46 13 31-2113	EA		White, Ceiling Mounted, Surface Mounted, Back Box (System Sensor SBBCLW) .....	59.70	14.48
28 46 13 31-2114	EA		Red, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBRL) .....	51.01	14.48
28 46 13 31-2115	EA		Red, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPRL) .....	57.56	14.48
28 46 13 31-2116	EA		White, Wall Mounted, Surface Mounted, Back Box For Speaker (System Sensor SBBSPWL) .....	57.56	14.48
28 46 13 31-2117	EA		White, Wall Mounted, Surface Mounted, Back Box (System Sensor SBBWL) .....	51.01	14.48
28 46 13 31-2118	EA		Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500) .....	55.40	14.48
28 46 13 31-2119	EA		Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600) .....	51.31	14.48
28 46 13 31-2120	EA		Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS) .....	18.40	5.79
28 46 13 31-2121	EA		Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R) .....	28.20	
28 46 13 31-2122	EA		Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC) .....	39.48	
28 46 13 31-2123	EA		White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W) .....	28.20	
28 46 13 31-2124	EA		White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC) .....	39.48	
28 46 13 31-2125	EA		Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2) .....	20.57	5.79
28 46 13 31-2126	EA		White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W) .....	20.57	5.79
28 46 13 31-2127	EA		Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2) .....	20.57	5.79
28 46 13 31-2128	EA		White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W) .....	20.57	5.79
28 46 13 31-2129	EA		Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL) .....	51.01	14.48
28 46 13 31-2130	EA		White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL) .....	51.01	14.48
28 46 13 31-2131	EA		Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG) .....	25.28	5.79
28 46 13 31-2132	EA		Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL) .....	25.28	5.79
28 46 13 31-2133	EA		Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV) .....	25.28	5.79
28 46 13 31-2134	EA		Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F) .....	25.28	5.79
28 46 13 31-2135	EA		White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG) .....	25.28	5.79
28 46 13 31-2136	EA		White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL) .....	25.28	5.79
28 46 13 31-2137	EA		White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV) .....	25.28	5.79
28 46 13 31-2138	EA		White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F) .....	25.28	5.79
28 46 13 31-2139	EA		Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P) .....	25.28	5.79
28 46 13 31-2140	EA		White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P) .....	25.28	5.79
28 46 13 31-2141	EA		Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG) .....	25.28	5.79
28 46 13 31-2142	EA		Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL) .....	25.28	5.79
28 46 13 31-2143	EA		Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG) .....	27.78	5.79
28 46 13 31-2144	EA		Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL) .....	27.78	5.79
28 46 13 31-2145	EA		Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV) .....	27.78	5.79
28 46 13 31-2146	EA		Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F) .....	27.78	5.79
28 46 13 31-2147	EA		Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P) .....	27.78	5.79
28 46 13 31-2148	EA		Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV) .....	25.28	5.79
28 46 13 31-2149	EA		Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F) .....	25.28	5.79
28 46 13 31-2150	EA		Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P) .....	25.28	5.79
28 46 13 31-2151	EA		Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG) .....	25.28	5.79
28 46 13 31-2152	EA		White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG) .....	25.28	5.79
28 46 13 31-2153	EA		White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL) .....	25.28	5.79
28 46 13 31-2154	EA		White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG) .....	27.78	5.79
28 46 13 31-2155	EA		White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL) .....	27.78	5.79
28 46 13 31-2156	EA		White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV) .....	27.78	5.79
28 46 13 31-2157	EA		White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F) .....	27.78	5.79
28 46 13 31-2158	EA		White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P) .....	27.78	5.79
28 46 13 31-2159	EA		White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV) .....	25.28	5.79
28 46 13 31-2160	EA		White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F) .....	25.28	5.79
28 46 13 31-2161	EA		Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01) .....	5.30	
28 46 13 31-2162	EA		Control Module Barrier (System Sensor CB500) .....	37.87	8.69
28 46 13 31-2163	EA		White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300) .....	34.66	8.69
28 46 13 31-2164	EA		Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL) .....	42.34	8.69
28 46 13 31-2165	EA		PTIR Color Kit, White (System Sensor CK-300-IR) .....	165.04	8.69
			Note: Includes cover and trim ring		
28 46 13 31-2166	EA		PTIR Color Kit, Black (System Sensor CK-300-IR-BL) .....	240.65	8.69
			Note: Includes cover and trim ring		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2167 EA PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV).....	240.65	8.69
Note: Includes cover and trim ring		
28 46 13 31-2168 EA Accessory Flange Ring For B210LP Base (System Sensor F210).....	27.93	8.69
Note: Includes cover and trim ring		
28 46 13 31-2169 EA Black Faceplate (System Sensor FP-BLACK-BP).....	27.06	8.69
28 46 13 31-2170 EA White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP).....	27.51	8.69
28 46 13 31-2171 EA White Faceplate (System Sensor FP-WHITE-BP).....	26.05	8.69
28 46 13 31-2172 EA White, Back Box (System Sensor SMB500-WH).....	48.21	14.48
28 46 13 31-2173 EA Accessory Flange Ring For B210LP Base, White (System Sensor TR300).....	19.03	5.79
28 46 13 31-2174 EA Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV).....	27.72	5.79
28 46 13 31-2175 EA White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP).....	28.91	8.69
28 46 13 31-2176 EA Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL).....	25.28	5.79
28 46 13 31-2177 EA Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG).....	27.78	5.79
28 46 13 31-2178 EA Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL).....	27.78	5.79
28 46 13 31-2179 EA Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV).....	27.78	5.79
28 46 13 31-2180 EA Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F).....	27.78	5.79
28 46 13 31-2181 EA Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P).....	27.78	5.79
28 46 13 31-2182 EA Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV).....	25.28	5.79
28 46 13 31-2183 EA Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F).....	25.28	5.79
28 46 13 31-2184 EA Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P).....	25.28	5.79
28 46 13 31-2185 EA L Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL).....	76.85	14.48
28 46 13 31-2186 EA White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P).....	155.49	14.48
<b>28 46 13 31-2187 Chimes</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2188 EA Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL).....	154.03	43.46
28 46 13 31-2189 EA White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL).....	162.54	43.46
<b>28 46 13 31-2190 Chime/Strobes</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2191 EA Red, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL).....	241.72	43.46
28 46 13 31-2192 EA White, 15, 15/75, 30, 75 , 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL).....	241.72	43.46
28 46 13 31-2193 EA L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCRL).....	243.51	43.46
28 46 13 31-2194 EA L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSCWL).....	243.51	43.46
<b>28 46 13 31-2195 Carbon Monoxide Detectors</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2196 EA Conventional Carbon Monoxide Detector (System Sensor CO1224).....	275.03	57.95
28 46 13 31-2197 EA Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR).....	239.34	43.46
28 46 13 31-2198 EA CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE).....	18.78	5.79
28 46 13 31-2199 EA Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951).....	364.36	43.46
28 46 13 31-2200 EA 12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T).....	268.32	57.95
28 46 13 31-2201 EA Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV).....	377.46	43.46
<b>28 46 13 31-2202 Switches</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2203 EA SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1).....	222.58	23.18
28 46 13 31-2204 EA Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2).....	249.37	23.18
28 46 13 31-2205 EA SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1).....	222.58	23.18
28 46 13 31-2206 EA Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2).....	249.37	23.18
28 46 13 31-2207 EA Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2).....	232.11	23.18
28 46 13 31-2208 EA Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2).....	216.63	23.18
<b>28 46 13 31-2209 Low Frequency Sounders</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2210 EA Red, Low Frequency Sounder (System Sensor HR-LF).....	215.74	43.46
28 46 13 31-2211 EA White, Low Frequency Sounder (System Sensor HW-LF).....	215.74	43.46
28 46 13 31-2212 EA Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF).....	195.58	43.46
28 46 13 31-2213 EA White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF).....	195.58	43.46
28 46 13 31-2214 EA Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF).....	194.09	43.46
28 46 13 31-2215 EA White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF).....	194.09	43.46
<b>28 46 13 31-2216 Sync Modules</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2217 EA Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R).....	174.04	28.98
28 46 13 31-2218 EA White, 12/24 Volt DC, Sync Module (System Sensor MDL3W).....	171.07	28.98

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2219			<b>Relays</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2220	EA		Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E).....	96.61	23.18
28 46 13 31-2221	EA		SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T).....	62.44	14.48
28 46 13 31-2222	EA		4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E).....	189.72	14.48
28 46 13 31-2223	EA		4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T).....	138.52	14.48
28 46 13 31-2224	EA		Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E).....	104.59	23.18
28 46 13 31-2225	EA		DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T).....	64.58	14.48
28 46 13 31-2226	EA		4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E).....	214.13	14.48
28 46 13 31-2227	EA		4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T).....	159.06	14.48
28 46 13 31-2228	EA		18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1).....	53.75	14.48
28 46 13 31-2229	EA		10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2).....	53.75	14.48
28 46 13 31-2230	EA		Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3).....	53.75	14.48
28 46 13 31-2231			<b>Remote Annunciator</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2232	EA		Remote Annunciator (System Sensor RA100Z).....	124.44	43.46
28 46 13 31-2233	EA		Remote LED Annunciator (System Sensor RA100ZA).....	118.95	43.46
28 46 13 31-2234	EA		Remote Annunciator With Piezo Alarm (System Sensor APA151).....	150.27	43.46
28 46 13 31-2235			<b>Remote Test Station</b> <small>(28 46 13 31-1873)</small>		
28 46 13 31-2236	EA		Remote Test Station With Key (System Sensor RTS151KEY).....	201.83	43.46
28 46 13 31-2237			<b>Wheelock Fire Alarm</b> <small>(28 46 13 31)</small>		
28 46 13 31-2238			<b>Ceiling Mounted Chimes/Strobes</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2239	EA		White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW).....	250.98	43.46
28 46 13 31-2240			<b>Wall Mounted Chimes/Strobes</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2241	EA		Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR).....	250.98	43.46
28 46 13 31-2242	EA		White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW).....	250.98	43.46
28 46 13 31-2243			<b>Ceiling Mounted Horns/Strobes</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2244	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC).....	162.36	43.46
28 46 13 31-2245	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC).....	195.88	43.46
28 46 13 31-2246			<b>Wall Mounted Horns/Strobes</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2247	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR).....	165.87	43.46
28 46 13 31-2248	EA		Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR).....	275.19	43.46
28 46 13 31-2249	EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR).....	237.55	43.46
28 46 13 31-2250	EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW).....	237.55	43.46
28 46 13 31-2251	EA		Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR).....	260.33	43.46
28 46 13 31-2252	EA		Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR).....	185.86	43.46
28 46 13 31-2253	EA		Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR).....	183.80	43.46
28 46 13 31-2254	EA		Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR).....	202.81	49.26
28 46 13 31-2255	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR).....	165.04	43.46
28 46 13 31-2256	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW).....	165.04	43.46
28 46 13 31-2257	EA		White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW).....	182.97	43.46
28 46 13 31-2258	EA		Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR).....	237.55	43.46
28 46 13 31-2259	EA		White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW).....	237.55	43.46
28 46 13 31-2260			<b>Ceiling Mounted Strobes</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2261	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR).....	154.94	43.46
28 46 13 31-2262	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW).....	154.94	43.46
28 46 13 31-2263	EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC).....	176.23	43.46
28 46 13 31-2264	EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC).....	148.76	43.46
28 46 13 31-2265	EA		White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW).....	165.66	43.46
28 46 13 31-2266	EA		White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW).....	167.10	43.46
28 46 13 31-2267	EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCC-FW).....	167.72	43.46
28 46 13 31-2268	EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR).....	185.46	43.46



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>28 46 13 31-2269 Wall Mounted Strobes</b> <small>(28 46 13 31-2237)</small>						
		EA		Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR).....	235.73	43.46
		EA		Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR) .....	189.15	43.46
		EA		Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR) .....	217.39	43.46
		EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR) .....	153.29	43.46
		EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW) .....	153.29	43.46
		EA		Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR) .....	164.01	43.46
		EA		Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR).....	171.07	49.26
				Note: Requires WPSBB-R.		
		EA		Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR) .....	149.79	43.46
		EA		White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW).....	149.79	43.46
		EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCWH-NW).....	178.44	43.46
		EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-NW).....	155.15	43.46
		EA		Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW).....	200.92	49.26
				Note: Requires WPSBB-R.		
		EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCWH-FW).....	199.75	43.46
<b>28 46 13 31-2283 Ceiling Mounted Speakers/Strobes</b> <small>(28 46 13 31-2237)</small>						
		EA		Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR).....	189.15	43.46
		EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW).....	189.15	43.46
		EA		White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW).....	189.15	43.46
		EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW) .....	191.22	43.46
		EA		White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW).....	202.76	43.46
		EA		White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW) .....	218.83	43.46
		EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR) .....	218.83	43.46
		EA		Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR) .....	192.86	43.46
		EA		White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW).....	225.65	43.46
		EA		Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW).....	239.93	43.46
		EA		White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW).....	254.22	43.46
<b>28 46 13 31-2295 Wall Mounted Speakers/Strobes</b> <small>(28 46 13 31-2237)</small>						
		EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR).....	303.27	43.46
		EA		White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW).....	303.27	43.46
		EA		Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FR).....	202.76	43.46
		EA		White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCC-FW).....	202.76	43.46
		EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR).....	189.15	43.46
		EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW).....	185.86	43.46
		EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR).....	202.76	43.46
		EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW).....	202.76	43.46
		EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR).....	299.97	43.46
		EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR) .....	191.22	43.46
		EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW).....	189.57	43.46
		EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR) .....	292.53	43.46
		EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	299.97	43.46
		EA		Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR).....	218.83	43.46
		EA		White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW).....	218.83	43.46
		EA		Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe (Wheelock ET70WP-2475 W-FR) .....	325.59	49.26
				Note: Requires weatherproof backbox (IOB).		
		EA		Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR) .....	173.90	43.46
		EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW).....	167.72	43.46
		EA		White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW).....	239.93	43.46
		EA		Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR) .....	254.22	43.46
		EA		White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	259.58	43.46
		EA		White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW).....	268.51	43.46
		EA		Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR).....	275.06	43.46

**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-2319	EA	Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR).....	270.89	43.46
			Note: Requires IOB		
28 46	13 31-2320	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW) .....	268.51	43.46
			Note: Requires IOB		
<b>28 46</b>	<b>13 31-2321</b>		<b>Electric Alarm Bells</b> <small>(28 46 13 31-2327)</small>		
28 46	13 31-2322	EA	6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R) .....	184.21	43.46
28 46	13 31-2323	EA	6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R) .....	177.61	43.46
28 46	13 31-2324	EA	10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R) .....	221.72	43.46
28 46	13 31-2325	EA	10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R) .....	1,744.00	49.26
28 46	13 31-2326	EA	10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R) .....	2,819.01	49.26
28 46	13 31-2327	EA	10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R).....	3,360.11	49.26
28 46	13 31-2328	EA	6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R).....	146.90	43.46
28 46	13 31-2329	EA	10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R).....	210.76	43.46
28 46	13 31-2330	EA	6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R).....	149.38	43.46
28 46	13 31-2331	EA	10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R).....	208.68	43.46
<b>28 46</b>	<b>13 31-2332</b>		<b>Horns</b> <small>(28 46 13 31-2337)</small>		
28 46	13 31-2333	EA	Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R).....	152.99	43.46
28 46	13 31-2334	EA	Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR).....	123.70	43.46
28 46	13 31-2335	EA	White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW) .....	123.70	43.46
28 46	13 31-2336	EA	Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC).....	124.60	43.46
28 46	13 31-2337	EA	White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC).....	124.60	43.46
28 46	13 31-2338	EA	Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R).....	109.35	43.46
28 46	13 31-2339	EA	White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W) .....	109.35	43.46
28 46	13 31-2340	EA	Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R).....	124.60	43.46
28 46	13 31-2341	EA	Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R).....	154.80	43.46
<b>28 46</b>	<b>13 31-2342</b>		<b>Speakers</b> <small>(28 46 13 31-2337)</small>		
28 46	13 31-2343	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R).....	127.24	43.46
28 46	13 31-2344	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W) .....	127.24	43.46
28 46	13 31-2345	EA	Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R).....	127.24	43.46
28 46	13 31-2346	EA	White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W) .....	125.43	43.46
28 46	13 31-2347	EA	Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R).....	127.24	43.46
28 46	13 31-2348	EA	White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W).....	127.24	43.46
28 46	13 31-2349	EA	Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R).....	127.24	43.46
28 46	13 31-2350	EA	White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W).....	127.24	43.46
28 46	13 31-2351	EA	Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R).....	147.11	43.46
28 46	13 31-2352	EA	White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W) .....	147.11	43.46
28 46	13 31-2353	EA	White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W) .....	148.76	43.46
28 46	13 31-2354	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R).....	210.17	43.46
28 46	13 31-2355	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R).....	189.33	43.46
28 46	13 31-2356	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S).....	276.54	43.46
28 46	13 31-2357	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR).....	276.54	43.46
28 46	13 31-2358	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R) .....	210.17	43.46
28 46	13 31-2359	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W) .....	212.55	43.46
28 46	13 31-2360	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R).....	189.33	43.46
28 46	13 31-2361	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW) .....	283.99	43.46
28 46	13 31-2362	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25) .....	203.62	43.46
<b>28 46</b>	<b>13 31-2363</b>		<b>Sync Modules</b> <small>(28 46 13 31-2337)</small>		
28 46	13 31-2364	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R) .....	186.76	28.98
<b>28 46</b>	<b>13 31-2365</b>		<b>Boxes, Plates And Rings</b> <small>(28 46 13 31-2337)</small>		
28 46	13 31-2366	EA	4" Square, Red, Surface Back Box (Wheelock BB-R) .....	38.01	14.48
28 46	13 31-2367	EA	Standard 4" Square Box (Wheelock BB-STD) .....	38.27	14.48
28 46	13 31-2368	EA	Black, Back Box For UZC-256 (Wheelock BB-UZC).....	250.25	28.98
28 46	13 31-2369	EA	Red, Back Box For UZC-256 (Wheelock BB-UZC-R) .....	250.25	28.98
28 46	13 31-2370	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP) .....	192.82	23.18
28 46	13 31-2371	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R).....	19.67	5.79
28 46	13 31-2372	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W) .....	19.67	5.79
28 46	13 31-2373	EA	Red, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-R) .....	47.78	14.48
28 46	13 31-2374	EA	White, Surface Mounted Back Box For E50 Speakers (Wheelock E50SB-W).....	45.14	14.48
28 46	13 31-2375	EA	Red, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-R).....	47.78	14.48
28 46	13 31-2376	EA	White, Surface Mounted Back Box For E50 Speaker Strobe (Wheelock E50SSB-W).....	47.78	14.48
28 46	13 31-2377	EA	4" Square Back Box (Wheelock DBB-R).....	39.70	14.48
28 46	13 31-2378	EA	Red, Surface Back Box (Wheelock IOB-R).....	46.04	14.48
28 46	13 31-2379	EA	White, Surface, Back Box (Wheelock IOB-W) .....	46.04	14.48
28 46	13 31-2380	EA	White, Indoor, Surface Extender (Wheelock ISP2-W) .....	18.80	5.79
28 46	13 31-2381	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R).....	25.63	5.79
28 46	13 31-2382	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W) .....	25.63	5.79





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2383 EA Red Retrofit Plate (Wheelock RP-R).....	22.31	5.79
28 46 13 31-2384 EA 4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4).....	41.71	5.79
28 46 13 31-2385 EA Red, Surface Mounted, Back Box For Chimes, Speakers (Wheelock SBB-R) .....	48.19	14.48
28 46 13 31-2386 EA White, Surface Mounted, Back Box For Chimes, Speaker (Wheelock SBB-W).....	48.77	14.48
28 46 13 31-2387 EA Red, Surface Mounted, Back Box For With RSSP (Wheelock SBL2-R).....	51.82	14.48
28 46 13 31-2388 EA Red, Semi-Flush Plate (Wheelock SFB-R).....	26.87	5.79
28 46 13 31-2389 EA White, Semi-Flush Plate (Wheelock SFB-W).....	26.87	5.79
28 46 13 31-2390 EA Red, Shallow Surface Mounted, Back Box (Wheelock SHBB-R).....	42.46	14.48
28 46 13 31-2391 EA White, Shallow Surface Mounted, Back Box (Wheelock SHBB-W).....	42.46	14.48
28 46 13 31-2392 EA Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R).....	27.75	5.79
28 46 13 31-2393 EA Red, Weather Resistant Back Box (Wheelock WBB-R).....	47.45	14.48
28 46 13 31-2394 EA Silver, Weather Resistant Back Box (Wheelock WBB-S).....	47.45	14.48
28 46 13 31-2395 EA White, Weather Resistant Back Box (Wheelock WBB-W).....	47.45	14.48
28 46 13 31-2396 EA Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R) .....	34.01	5.79
28 46 13 31-2397 EA White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W).....	34.01	5.79
28 46 13 31-2398 EA Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFP-A-R) .....	34.01	5.79
28 46 13 31-2399 EA White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFP-A-W).....	34.01	5.79
28 46 13 31-2400 EA Gasket Kit For Rear Wiring To Outdoor Back Box (Wheelock WP-KIT).....	24.63	5.79
28 46 13 31-2401 EA Weather Resistant Back Box For ASWP (Wheelock WPBB-R).....	61.37	14.48
28 46 13 31-2402 EA Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R).....	56.13	14.48
28 46 13 31-2403 EA Red Plate For RSS (Wheelock RSSCP-R).....	18.80	5.79
28 46 13 31-2404 EA White Plate For RSS (Wheelock RSSCP-W).....	18.80	5.79
28 46 13 31-2405 EA Red Fire Plate For RSS (Wheelock RSSCPW-FR).....	19.67	5.79
28 46 13 31-2406 EA White Fire Plate For RSS (Wheelock RSSCPW-FW).....	19.67	5.79
28 46 13 31-2407 EA Red, Indoor, Surface Extender (Wheelock ISP2-R).....	19.17	5.79
28 46 13 31-2408 EA Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR).....	154.47	5.79
28 46 13 31-2409 EA White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW).....	138.40	5.79
28 46 13 31-2410 EA White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW).....	136.02	5.79
28 46 13 31-2411 EA White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW).....	138.40	5.79
28 46 13 31-2412 EA Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R).....	22.72	5.79
28 46 13 31-2413 EA White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W).....	22.01	5.79
28 46 13 31-2414 EA Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R).....	23.26	5.79
28 46 13 31-2415 EA White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W).....	23.26	5.79
28 46 13 31-2416 EA White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW).....	22.01	5.79
28 46 13 31-2417 EA Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR).....	23.14	5.79
28 46 13 31-2418 EA White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW).....	23.14	5.79
28 46 13 31-2419 EA Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R).....	22.01	5.79
28 46 13 31-2420 EA White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W).....	22.01	5.79
28 46 13 31-2421 EA Red, Surface Mounted, Extender Ring (Wheelock SER-R).....	31.06	5.79
28 46 13 31-2422 EA White, Surface Mounted, Extender Ring (Wheelock SER-W).....	31.42	5.79
28 46 13 31-2423 EA Red, Semi-Flush, Plate (Wheelock SFP-R).....	24.63	5.79
28 46 13 31-2424 EA Silver, Semi-Flush, Plate (Wheelock SFP-S).....	23.26	5.79
28 46 13 31-2425 EA White, Semi-Flush, Plate (Wheelock SFP-W).....	24.63	5.79
28 46 13 31-2426 EA Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R).....	61.37	14.48
28 46 13 31-2427 EA Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R).....	56.13	14.48
28 46 13 31-2428 EA White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W).....	56.13	14.48
<b>28 46 13 31-2429 Manual Pull Station</b> <small>(28 46 13 31-2237)</small>		
28 46 13 31-2430 EA SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100).....	134.61	28.98
28 46 13 31-2431 EA SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200).....	134.61	28.98
28 46 13 31-2432 EA Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X).....	1,215.48	28.98
<b>28 46 13 31-2433 Fire Alarm Terminal Cabinets</b> <small>(28 46 13 31)</small>		
28 46 13 31-2434 EA 18 Point Lockable Fire Alarm Terminal Cabinet.....	249.99	58.05
28 46 13 31-2435 EA 32 Point Lockable Fire Alarm Terminal Cabinet.....	330.34	58.05
28 46 13 31-2436 EA 64 Point Lockable Fire Alarm Terminal Cabinet.....	491.02	58.05
28 46 13 31-2437 EA 128 Point Lockable Fire Alarm Terminal Cabinet.....	651.66	58.05
<b>28 46 13 31-2438 Fire Alarm Digital Cellular Communicator</b> <small>(28 46 13 31)</small>		
28 46 13 31-2439 EA Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS).....	763.76	57.95
<b>28 46 13 31-2440 Test And Certification Of Fire Alarm System To Tie In To Existing Systems</b> <small>(28 46 13 31)</small>		
28 46 13 31-2441 DAY Test And Certification Of Fire Alarm System To Tie Into Existing Systems.....	921.08	
28 46 13 31-2442 HR Test And Certification Of Fire Alarm System To Tie In To Existing Systems.....	287.84	
<b>28 46 13 31-2443 Programming Of Existing Fire Alarm System</b> <small>(28 46 13 31)</small>		
28 46 13 31-2444 HR Fire Alarm Technician For Programming Of Existing Fire Alarm System.....	230.27	
<b>28 46 13 31-2445 Removal And Reinstallation Of Smoke Detector</b> <small>(28 46 13 31)</small>		
Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2446 EA Removal And Reinstallation Of Ceiling Mounted Smoke Detector.....	162.27	



**28 Electronic Safety and Security****28 40 Life Safety****28 46 Fire Detection and Alarm**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

28 46 13 31-2447	EA	Removal And Reinstallation Of Wall Mounted Smoke Detector.....	130.39	
<b>28 46 13 31-2448</b>		<b>Kidde Fire Safety Equipment (28 46 13 31)</b>		
<b>28 46 13 31-2449</b>		<b>Smoke Detectors (28 46 13 31-2448)</b>		
28 46 13 31-2450	EA	Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With 10 Year Sealed Battery Back-up (Kidde P4010ACS-CO) .....	157.08	43.46
28 46 13 31-2451	EA	Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO).....	137.29	43.46
28 46 13 31-2452	EA	Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO).....	129.58	43.46
<b>28 46 13 31-2453</b>		<b>Potter Fire Alarm (28 46 13 31)</b>		
<b>28 46 13 31-2454</b>		<b>Electric Alarm Bells (28 46 13 31-2453)</b>		
28 46 13 31-2455	EA	6" Alarm Bell, 12 Volt DC (Potter MBA-6-12) .....	126.65	43.46
28 46 13 31-2456	EA	8" Alarm Bell, 12 Volt DC (Potter MBA-8-12) .....	139.20	43.46
28 46 13 31-2457	EA	10" Alarm Bell, 12 Volt DC (Potter MBA-10-12) .....	145.47	43.46
28 46 13 31-2458	EA	6" Alarm Bell, 24 Volt DC (Potter MBA-6-24) .....	126.65	43.46
28 46 13 31-2459	EA	8" Alarm Bell, 24 Volt DC (Potter MBA-8-24) .....	139.20	43.46
28 46 13 31-2460	EA	10" Alarm Bell, 24 Volt DC (Potter MBA-10-24) .....	145.47	43.46
28 46 13 31-2461	EA	6" Alarm Bell, 24 Volt AC (Potter PBA246) .....	137.30	43.46
28 46 13 31-2462	EA	8" Alarm Bell, 24 Volt AC (Potter PBA248) .....	143.32	43.46
28 46 13 31-2463	EA	10" Alarm Bell, 24 Volt AC (Potter PBA2410) .....	178.78	43.46
28 46 13 31-2464	EA	6" Alarm Bell, 120 Volt AC (Potter PBA1206) .....	128.46	43.46
28 46 13 31-2465	EA	8" Alarm Bell, 120 Volt AC (Potter PBA1208) .....	143.32	43.46
28 46 13 31-2466	EA	10" Alarm Bell, 120 Volt AC (Potter PBA12010) .....	155.74	43.46
<b>28 46 13 31-2467</b>		<b>Manual Pull Station (28 46 13 31-2463)</b>		
28 46 13 31-2468	EA	SPST, Single Action, Manual Pull Station (Potter P32-1T) .....	93.51	28.98
28 46 13 31-2469	EA	DPST, Single Action, Manual Pull Station (Potter RMS-2T) .....	99.21	28.98
28 46 13 31-2470	EA	DPST, Single Action, Manual Pull Station (Potter RMS-6T) .....	163.32	28.98
28 46 13 31-2471	EA	DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL) .....	102.75	28.98
28 46 13 31-2472	EA	SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP) .....	96.74	28.98
28 46 13 31-2473	EA	SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP) .....	183.37	28.98
28 46 13 31-2474	EA	SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP).....	231.20	28.98
<b>28 46 31</b>		<b>Fire-Alarm Initiating Devices (28 46)</b>		
<b>28 46 31 11</b>		<b>Heat-Sensing Fire Detectors (28 46 31)</b>		
<b>28 46 31 11-0001</b>		<b>Protectowire Fire Alarm (28 46 31 11)</b>		
<b>28 46 31 11-0002</b>		<b>Linear Heat Detector Cable (28 46 31 11-0001)</b>		
28 46 31 11-0003	LF	Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC).....	5.79	
28 46 31 11-0004	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC-M).....	6.28	
28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR).....	6.28	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M).....	6.78	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT).....	7.25	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M) .....	7.75	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL).....	70.29	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC) .....	28.51	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W).....	9.26	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2) .....	9.26	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO) .....	10.18	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2) .....	15.88	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P) .....	16.54	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A) .....	1.67	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B) .....	2.28	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C).....	10.07	
<b>28 46 41</b>		<b>Fire-Alarm Notification Appliances (28 46)</b>		
<b>28 46 41 11</b>		<b>Audible Fire-Alarm Notification Appliances (28 46 41)</b>		
		See CSI section 28 46 13 31-0000 for fire alarm speakers.		
<b>28 46 41 31</b>		<b>Combination Fire-Alarm Notification Appliances (28 46 41)</b>		
		See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.		
<b>28 47</b>		<b>Mass Notification (28 40)</b>		
<b>28 47 21</b>		<b>Mass Notification System Interfaces (28 47)</b>		
<b>28 47 21 21</b>		<b>Notification Interfaces to Fire Detection and Alarm (28 47 21)</b>		
<b>28 47 21 21-0001</b>		<b>Emergency Command Center (Honeywell Fire-Lite) (28 47 21 21)</b>		
28 47 21 21-0002	EA	Emergency Command Center Multipurpose Emergency Voice Evacuation Panels (Fire-Lite ECC-50/100(E)).....	2,603.24	289.76
28 47 21 21-0003	EA	Circuit Expander Module (Fire-Lite ECC_CE6).....	510.94	23.18



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 21 21-0004 EA 25V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_25V).....	447.62	28.98
28 47 21 21-0005 EA 75V, 50 Watt Audio Amplifier Module (Fire-Lite ECC_50W_70V).....	461.68	28.98
28 47 21 21-0006 EA 70V Transformer Conversion Module (Fire-Lite ECC_XRM_70V).....	235.25	28.98
28 47 21 21-0007 EA Local Operator Console (Fire-Lite ECC-LOC).....	1,411.65	57.95
28 47 21 21-0008 EA Remote Page Unit Hand Held Microphone (Fire-Lite ECC-RPU).....	1,122.85	14.48
28 47 21 21-0009 EA Distributed (Remote) Audio Amplifier, 50 Watts (Fire-Lite ECC-50DA) .....	1,071.38	57.95
28 47 21 21-0010 EA Distributed (Remote) Audio Amplifier, 125 Watts (Fire-Lite ECC-125DA) .....	1,853.35	57.95
28 47 21 21-0011 EA Distributed (Remote) Audio Amplifier With Backup, 50/100 Watts (Fire-Lite ECC50BDA) .....	2,947.37	57.95
28 47 21 21-0012 EA 100 Watt Primary / 50 Watt Back-up Remote Amplifier Expander Card (Fire-Lite ECC-50WBUC).....	1,444.36	28.98
28 47 21 21-0013 EA Distributed Audio Speaker Circuit/Zone Expander Module (Fire-Lite ECC-CE4).....	442.48	28.98
28 47 21 21-0014 EA Addressable Mini-Monitor Module (Fire-Lite MMF-301).....	99.96	28.98
28 47 21 21-0015 EA Thumb Latch (Fire-Lite THUMBLTCH).....	56.20	11.59
28 47 21 21-0016 EA 25-120 Ampere-Hours (AH) Battery Charger (Fire-Lite CHG-120F).....	808.02	11.59
28 47 21 21-0017 EA Replacement Microphone (Fire-Lite ECC-MICROPHONE).....	165.23	11.59
28 47 21 21-0018 EA 12 Volt, 7 Ampere-Hour (AH) Battery (Fire-Lite BAT-1270).....	305.50	28.98
28 47 21 21-0019 EA 12 Volt, 12 Ampere-Hour (AH) Battery (Fire-Lite BAT-12120).....	393.96	28.98
28 47 21 21-0020 EA 12 Volt, 18 Ampere-Hour (AH) Battery (Fire-Lite BAT-12180).....	291.14	28.98

**28 49 Electronic Personal Protection Systems** (28 40)

**28 49 11 Electronic Personal Safety Detection Systems** (28 49)

**28 49 11 00-0001 Personnel Alarm Locating System** (28 49 11)

Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.

28 49 11 00-0002 EA Personnel Alarm Locating System.....	24,147.60	930.32
Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
28 49 11 00-0003 EA Personnel Alarm Transmitters With Lithium Batteries.....	193.15	
28 49 11 00-0004 EA Lapel Reader .....	74.29	
28 49 11 00-0005 EA IR Locator .....	262.79	34.83
28 49 11 00-0006 EA Repeaters And Receivers .....	633.37	116.11

**28 49 11 00-0007 Rescue Assistance Systems** (28 49 11)

28 49 11 00-0008 EA Recess Mounted 8 Area Rescue Command Unit, ADA Compliant.....	5,770.20	347.71
Note: Includes built-in phone, LEDs on command unit indicating station and line status, siren, strobe, built-in UPS for 4 hour power back-up. Also includes mounting sleeve box for flush mounting. Does not include hands-free emergency phone.		
28 49 11 00-0009 EA Indoor, ADA Compliant Hands-Free Emergency Phone.....	1,035.28	86.93
Note: For use with recess mounted 8 area rescue command units.		

**28 49 17 Electronic Personal Safety Emergency Aid Devices** (28 49)

**28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling)** (28 49 17)

**28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling)** (28 49 17 00-0001)

28 49 17 00-0003 EA Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5) .....	335.92	69.66
Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).		
28 49 17 00-0004 EA Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5).....	398.94	81.27
Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.		
28 49 17 00-0005 EA Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5).....	402.05	81.27
Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.		

**28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling)** (28 49 17 00-0001)

28 49 17 00-0007 EA High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5) .....	249.14	43.53
28 49 17 00-0008 EA High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5).....	244.50	34.83
28 49 17 00-0009 EA Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592) .....	108.88	34.83
28 49 17 00-0010 EA 1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5) .....	196.35	34.83
28 49 17 00-0011 EA 2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5) .....	227.62	34.83
28 49 17 00-0012 EA 4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5).....	260.07	34.83
28 49 17 00-0013 EA 2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2).....	364.39	34.83
28 49 17 00-0014 EA 4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4).....	409.28	34.83

**28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling)** (28 49 17 00-0001)

28 49 17 00-0016 EA Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537) .....	148.12	34.83
28 49 17 00-0017 EA Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E).....	222.67	34.83
28 49 17 00-0018 EA Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E).....	294.64	34.83

**28 Electronic Safety and Security****28 40 Life Safety****28 49 Electronic Personal Protection Systems**

MINOR					TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION			UNIT COST	UNIT COST
28 49 17 00-0019	EA	3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....			322.14	11.61
28 49 17 00-0020	EA	Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930) .....			229.32	34.83
28 49 17 00-0021	EA	Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....			272.37	34.83
28 49 17 00-0022	EA	Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L) .....			468.51	34.83
28 49 17 00-0023	EA	Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620) .....			217.49	34.83
28 49 17 00-0024	EA	Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675) .....			271.85	11.61
28 49 17 00-0025	EA	Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676) .....			422.07	11.61
28 49 17 00-0026	EA	Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685) .....			431.31	11.61
28 49 17 00-0027	EA	Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686) .....			569.25	11.61

**END OF SECTION 28**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 31 Earthwork

### 31 05 Common Work Results for Earthwork <sup>(31)</sup>

#### 31 05 16 Aggregates for Earthwork <sup>(31 05)</sup>

See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

31 05 16 00-0001	Aggregate (Loose, Purchased Material) <sup>(31 05 16)</sup>	
	Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.	
31 05 16 00-0002	TON CA 1 Stone Aggregate Fill .....	25.64
31 05 16 00-0003	TON CA 6 Stone Aggregate Fill .....	22.21
31 05 16 00-0004	TON CA 7 Stone Aggregate Fill .....	28.17
31 05 16 00-0005	TON FA 5 Fine Aggregate.....	21.59
31 05 16 00-0006	TON Recycled CA-6 Aggregate .....	17.45
31 05 16 00-0007	TON Recycled 3" To 1" Aggregate.....	21.47
31 05 16 00-0008	TON Sand, Bank Run.....	25.12
31 05 16 00-0009	TON Sand, Washed .....	28.90
31 05 16 00-0010	TON Asphalt Sand .....	21.59
31 05 16 00-0011	TON Lawn Sand.....	21.23
31 05 16 00-0012	CY Pulverized Topsoil .....	13.75

### 31 10 Site Clearing <sup>(31)</sup>

#### 31 11 Clearing and Grubbing <sup>(31 10)</sup>

31 11 00 00-0001	Clear And Grub Roots And Stumps <sup>(31 11)</sup>	
	Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.	
31 11 00 00-0002	ACR Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip .....	8,354.28
	Note: Includes grub and removal of stump	
31 11 00 00-0003	ACR Clear And Grub Light Stumps Only Up To 6" Diameter .....	2,147.81
31 11 00 00-0004	ACR Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip .....	11,139.05
	Note: Includes grub and removal of stump	
31 11 00 00-0005	ACR Clear And Grub Medium Stumps Only Up To 10" Diameter .....	3,579.68
31 11 00 00-0006	ACR Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip .....	15,316.19
	Note: Includes grub and removal of stump	
31 11 00 00-0007	ACR Clear And Grub Heavy Stumps Only Up To 16" Diameter.....	5,369.51
31 11 00 00-0008	ACR Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip.....	22,278.10
	Note: Includes grub and removal of stump	
31 11 00 00-0009	ACR Clear And Grub Heavy Stumps Only Up To 24" Diameter.....	7,517.32
31 11 00 00-0010	ACR Clearing By Machine - Light Brush Without Grub .....	369.09
31 11 00 00-0011	ACR Clearing By Machine - Medium Brush Without Grub .....	750.52
31 11 00 00-0012	ACR Clearing By Machine - Heavy Brush Without Grub .....	1,064.87
31 11 00 00-0013	ACR Chipping - Light Brush .....	2,970.94
31 11 00 00-0014	ACR Chipping - Medium Brush .....	3,819.97
31 11 00 00-0015	ACR Chipping - Heavy Brush .....	5,348.45
31 11 00 00-0016	Loading Of Cleared And Grubbed Material <sup>(31 11)</sup>	
	See CSI section 01 74 19 00-0064 for hauling.	
31 11 00 00-0017	CY Machine Loading Of Cleared And Grubbed Material .....	12.65
31 11 00 00-0018	CY Chute Loading Of Cleared And Grubbed Material .....	15.18
31 11 00 00-0019	CY Hand Loading Of Cleared And Grubbed Material .....	48.07
31 11 00 00-0020	CY Wheel And Ramp Loading Of Cleared And Grubbed Material.....	37.77

### 31 13 Selective Tree and Shrub Removal and Trimming <sup>(31 10)</sup>

#### 31 13 13 Selective Tree and Shrub Removal <sup>(31 13)</sup>

31 13 13 00-0001	Individual Tree Removal <sup>(31 13 13)</sup>	
	Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.	
31 13 13 00-0002	EA Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal .....	696.19
	Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0003	EA >6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal .....	1,044.29
	Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0004	EA >12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal .....	1,392.39
	Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0005	EA >24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal .....	2,088.57
	Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0006	EA >36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal .....	2,784.76
	Note: Includes cutting up tree, chipping and loading.	
31 13 13 00-0007	Stump Removal <sup>(31 13 13)</sup>	
	Note: Measured by diameter of stump.	

**31 Earthwork****31 10 Site Clearing****31 13 Selective Tree and Shrub Removal and Trimming**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>31 13 13 00-0008 Stump Removal By Machine</b> <small>(31 13 13 00-0007)</small>		
31 13 13 00-0009 EA Up To 6" Diameter Stump Removal.....	107.39	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0010 EA >6" To 12" Diameter Stump Removal.....	205.84	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0011 EA >12" To 24" Diameter Stump Removal.....	268.47	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0012 EA >24" To 36" Diameter Stump Removal.....	402.72	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0013 EA >36" To 48" Diameter Stump Removal.....	474.34	
Note: Includes excavation necessary to remove stump and loading.		
<b>31 13 13 00-0014 Stump Removal By Hand</b> <small>(31 13 13 00-0007)</small>		
31 13 13 00-0015 EA Up To 6" Diameter Stump Removal By Hand.....	712.80	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
31 13 13 00-0016 EA >6" To 12" Diameter Stump Removal By Hand.....	890.99	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
31 13 13 00-0017 EA >12" To 24" Diameter Stump Removal By Hand.....	1,306.80	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
31 13 13 00-0018 EA >24" To 36" Diameter Stump Removal By Hand.....	1,781.99	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
31 13 13 00-0019 EA >36" To 48" Diameter Stump Removal By Hand.....	2,375.98	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
<b>31 13 13 00-0020 Stump Grinding</b> <small>(31 13 13)</small>		
Note: Measured by diameter of stump.		
<b>31 13 13 00-0021 Stump Grinding, 18" Deep Below Surface Of Soil</b> <small>(31 13 13 00-0020)</small>		
Note: Level soil to match existing surface area.		
31 13 13 00-0022 EA Stump Grinding Up To 6" Tree.....	141.75	
For 24" Depth, Add	28.35	
For >10, Deduct	-17.72	
31 13 13 00-0023 EA Stump Grinding >6" To 12" Tree.....	177.18	
For 24" Depth, Add	35.44	
For >10, Deduct	-22.15	
31 13 13 00-0024 EA Stump Grinding >12" To 15" Tree.....	212.63	
For 24" Depth, Add	42.53	
For >10, Deduct	-26.58	
31 13 13 00-0025 EA Stump Grinding >15" To 18" Tree.....	236.25	
For 24" Depth, Add	47.25	
For >10, Deduct	-29.53	
31 13 13 00-0026 EA Stump Grinding >18" To 21" Tree.....	253.97	
For 24" Depth, Add	50.79	
For >10, Deduct	-31.75	
31 13 13 00-0027 EA Stump Grinding >21" To 24" Tree.....	271.69	
For 24" Depth, Add	54.34	
For >10, Deduct	-33.96	
31 13 13 00-0028 EA Stump Grinding >24" To 27" Tree.....	295.31	
For 24" Depth, Add	59.06	
For >10, Deduct	-36.91	
31 13 13 00-0029 EA Stump Grinding >27" To 30" Tree.....	321.82	
For 24" Depth, Add	64.36	
For >10, Deduct	-40.23	
31 13 13 00-0030 EA Stump Grinding >30" To 33" Tree.....	357.58	
For 24" Depth, Add	71.52	
For >10, Deduct	-44.70	
31 13 13 00-0031 EA Stump Grinding >33" To 36" Tree.....	393.33	
For 24" Depth, Add	78.67	
For >10, Deduct	-49.17	
31 13 13 00-0032 EA Stump Grinding >36" To 42" Tree.....	429.09	
For 24" Depth, Add	85.82	
For >10, Deduct	-53.64	
31 13 13 00-0033 EA Stump Grinding >42" To 48" Tree.....	476.77	
For 24" Depth, Add	95.35	
For >10, Deduct	-59.60	
31 13 13 00-0034 EA Stump Grinding >48" To 60" Tree.....	595.95	
For 24" Depth, Add	119.19	
For >10, Deduct	-74.49	
31 13 13 00-0035 EA Stump Grinding >60" To 72" Tree.....	744.95	
For 24" Depth, Add	148.99	
For >10, Deduct	-93.12	
31 13 13 00-0036 EA Stump Grinding >72" To 84" Tree.....	953.53	
For 24" Depth, Add	190.71	
For >10, Deduct	-119.19	
<b>31 13 13 00-0037 Tree And Shrub Removal</b> <small>(31 13 13)</small>		





<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Site Clearing</b>	<b>31 10</b>	
<b>Selective Tree and Shrub Removal and Trimming</b>	<b>31 13</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0038 EA Removal Of 18" To 24" Shrub, Broadleaf Evergreen .....	53.43	
31 13 13 00-0039 EA Removal Of 2' To 3' Shrub, Broadleaf Evergreen .....	83.78	
31 13 13 00-0040 EA Removal Of 3' To 4' Shrub, Broadleaf Evergreen .....	97.14	
31 13 13 00-0041 EA Removal Of 4' To 5' Shrub, Broadleaf Evergreen .....	145.72	
31 13 13 00-0042 EA Removal Of 12" To 15" Shrub, Deciduous .....	26.72	
31 13 13 00-0043 EA Removal Of 18" To 24" Shrub, Deciduous .....	41.29	
31 13 13 00-0044 EA Removal Of 2' To 3' Shrub, Deciduous .....	53.44	
31 13 13 00-0045 EA Removal Of 3' To 4' Shrub, Deciduous .....	58.29	
31 13 13 00-0046 EA Removal Of 18" To 24" Shrub, Evergreen .....	53.43	
31 13 13 00-0047 EA Removal Of 24" To 30" Shrub, Evergreen .....	58.29	
31 13 13 00-0048 EA Removal Of 30" To 36" Shrub, Evergreen .....	83.78	
31 13 13 00-0049 EA Removal Of 36" To 42" Shrub, Evergreen .....	145.72	
31 13 13 00-0050 EA Removal Of 2' To 3' Tree, Deciduous .....	53.43	
31 13 13 00-0051 EA Removal Of 3' To 4' Tree, Deciduous .....	58.29	
31 13 13 00-0052 EA Removal Of 4' To 5' Tree, Deciduous .....	83.78	
31 13 13 00-0053 EA Removal Of 5' To 6' Tree, Deciduous .....	97.14	
31 13 13 00-0054 EA Removal Of 5' To 6' Tree, Shade .....	58.29	
31 13 13 00-0055 EA Removal Of 6' To 8' Tree, Shade .....	83.78	
31 13 13 00-0056 EA Removal Of 8' To 10' Tree, Shade .....	116.58	
31 13 13 00-0057 EA Removal Of 2" Calliper Tree, Shade .....	242.87	
31 13 13 00-0058 EA Removal Of 4' To 5' Tree, Evergreen .....	83.78	
31 13 13 00-0059 EA Removal Of 5' To 6' Tree, Evergreen .....	116.58	
31 13 13 00-0060 EA Removal Of 6' To 7' Tree, Evergreen .....	153.01	
31 13 13 00-0061 EA Removal Of 7' To 8' Tree, Evergreen .....	194.29	
31 13 13 00-0062 EA Removal Of 8' To 10' Tree, Evergreen .....	264.71	
<b>31 13 13 00-0063 Tree Removal</b> <sup>(31 13 13)</sup> Note: Cut 2" to 8" above soil surface. Includes loading. Excludes stump grinding or removal.		
31 13 13 00-0064 DI Removal Of Tree(s), For D.B.H. of 6" Or Less .....	24.91	
31 13 13 00-0065 DI Removal Of Tree(s), For D.B.H. of 6" To 12" .....	42.04	
31 13 13 00-0066 DI Removal Of Tree(s), For D.B.H. of 12" To 18" .....	49.83	
31 13 13 00-0067 DI Removal Of Tree(s), For D.B.H. of 18" To 24" .....	66.96	
31 13 13 00-0068 DI Removal Of Tree(s), For D.B.H. of 24" Or Greater .....	88.75	
<b>31 13 16 Selective Tree and Shrub Trimming</b> <sup>(31 13)</sup> See CSI section 32 01 90 23-0000 for tree pruning.		
<b>31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance</b> <sup>(31 13 16)</sup> Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.		
31 13 16 00-0002 LF Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction .....	2.32	
31 13 16 00-0003 LF Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction .....	3.48	
31 13 16 00-0004 LF Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction .....	4.09	
<b>31 20 Earth Moving</b> <sup>(31)</sup> Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.		
<b>31 22 Grading</b> <sup>(31 20)</sup>		
<b>31 22 13 Rough Grading</b> <sup>(31 22)</sup> See CSI section 31 23 16 00-0000 for rough grading.		
<b>31 22 16 Fine Grading</b> <sup>(31 22)</sup>		
<b>31 22 16 13 Roadway Subgrade Reshaping</b> <sup>(31 22 16)</sup> See CSI section 31 23 16 00-0000 for bulk shaping and grading, 31 24 13 00-0000 for roadway shaping and grading.		
<b>31 22 19 Finish Grading</b> <sup>(31 22)</sup>		
<b>31 22 19 13 Spreading and Grading Topsoil</b> <sup>(31 22 19)</sup>		
31 22 19 13-0001 Site Grading For Areas Outside Of Structures And Slabs <sup>(31 22 19 13)</sup> Note: Use of bobcat type equipment or hand for finish grading for positive drainage.		
31 22 19 13-0002 Hand Digging And Grading <sup>(31 22 19 13-0001)</sup>		
31 22 19 13-0003 SF Trim And Shape Machine Excavated Area By Hand Finish Grade .....	1.32	
31 22 19 13-0004 SF Trim And Shape Area On Grade By Hand, Finish Grade .....	1.20	
31 22 19 13-0005 SF Fine Grade Gravel Bedding By Hand Finish Grade .....	1.25	
31 22 19 13-0006 SF Fine Grade Gravel By Hand Finish Grade .....	1.05	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 22</b>	<b>Grading</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

31 22 19 13-007	Machine Operations <small>(31 22 19 13-0001)</small>	
31 22 19 13-008	Machine Operations With Grader <small>(31 22 19 13-0007)</small>	
31 22 19 13-009	CSY Semi-Grade, 2 Passes With Grader	461.56
31 22 19 13-010	CSY Fine Grade, 3 Passes With Grader	641.06

**31 23 Excavation and Fill** (31 20)

**31 23 16 Excavation** (31 23)

**31 23 16 13 Trenching** (31 23 16)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001	Up To 12" Deep, Trench Excavation <small>(31 23 16 13)</small>	
	Note: Includes all equipment, labor and handling of trench generated spoils.	
31 23 16 13-0002	LF 4" To 10" Wide, Up To 12" Deep, Trench Excavation	1.95
31 23 16 13-0003	LF >12" To 18" Wide, Up To 12" Deep, Trench Excavation	2.39
31 23 16 13-0004	LF >18" To 24" Wide, Up To 12" Deep, Trench Excavation	2.92
31 23 16 13-0005	LF >24" To 30" Wide, Up To 12" Deep, Trench Excavation	3.28
31 23 16 13-0006	LF >30" To 36" Wide, Up To 12" Deep, Trench Excavation	3.98
31 23 16 13-0007	LF >36" To 42" Wide, Up To 12" Deep, Trench Excavation	4.34

31 23 16 13-0008	>12" To 48" Deep, Trench Excavation <small>(31 23 16 13)</small>	
	Note: Includes all equipment, labor and handling of trench generated spoils.	
31 23 16 13-0009	LF 4" To 10" Wide, >12" To 48" Deep, Trench Excavation	3.72
31 23 16 13-0010	LF >10" To 18" Wide, >12" To 48" Deep, Trench Excavation	4.51
31 23 16 13-0011	LF >18" To 24" Wide, >12" To 48" Deep, Trench Excavation	5.67
31 23 16 13-0012	LF >24" To 30" Wide, >12" To 48" Deep, Trench Excavation	6.82
31 23 16 13-0013	LF >30" To 36" Wide, >12" To 48" Deep, Trench Excavation	7.53
31 23 16 13-0014	LF >36" To 42" Wide, >12" To 48" Deep, Trench Excavation	8.06

31 23 16 13-0015	>48" To 96" Deep, Trench Excavation <small>(31 23 16 13)</small>	
	Note: Includes all equipment, labor and handling of trench generated spoils.	
31 23 16 13-0016	LF 12" To 18" Wide, >48" To 96" Deep, Trench Excavation	7.00
31 23 16 13-0017	LF >18" To 24" Wide, >48" To 96" Deep, Trench Excavation	7.97
31 23 16 13-0018	LF >24" To 30" Wide, >48" To 96" Deep, Trench Excavation	8.77
31 23 16 13-0019	LF >30" To 36" Wide, >48" To 96" Deep, Trench Excavation	10.27
31 23 16 13-0020	LF >36" To 42" Wide, >48" To 96" Deep, Trench Excavation	11.43

31 23 16 13-0021	Earthwork <small>(31 23 16 13)</small>	
	Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.	
31 23 16 13-0022	CY Excavation, (0 > 150)	68.21
31 23 16 13-0023	CY Excavation, (150 > 3,000)	57.99
31 23 16 13-0024	CY Excavation, (3,000 > 6,000)	51.39
31 23 16 13-0025	CY Excavation, (6,000 > 9,000)	44.59
31 23 16 13-0026	CY Excavation, (9,000 >)	40.39
31 23 16 13-0027	CY Special Excavation, (0 > 150)	84.57
31 23 16 13-0028	CY Special Excavation, (150 > 3,000)	73.40
31 23 16 13-0029	CY Special Excavation, (3,000 > 6,000)	65.85
31 23 16 13-0030	CY Special Excavation, (6,000 > 9,000)	55.79
31 23 16 13-0031	CY Special Excavation, (9,000 >)	50.25
31 23 16 13-0032	CY Trench Backfill, (0 > 50)	72.11
31 23 16 13-0033	CY Trench Backfill, (50 > 500)	59.49
31 23 16 13-0034	CY Trench Backfill, (500 > 2,500)	49.60
31 23 16 13-0035	CY Trench Backfill, (2,500 >)	39.68
31 23 16 13-0036	CY Embankment, (0 > 100)	54.41
31 23 16 13-0037	CY Embankment, (100 > 500)	44.33
31 23 16 13-0038	CY Embankment, (500 >)	35.49
31 23 16 13-0039	CY Porous Granular Backfill, (0 > 20)	87.89
31 23 16 13-0040	CY Porous Granular Backfill, (20 > 150)	74.00
31 23 16 13-0041	CY Porous Granular Backfill, (150 >)	55.11
31 23 16 13-0042	TON Crushed Stone (Temporary Use), (0 > 50)	42.76
31 23 16 13-0043	TON Crushed Stone (Temporary Use), (50 > 250)	30.30
31 23 16 13-0044	TON Crushed Stone (Temporary Use), (250 > 1,000)	27.10
31 23 16 13-0045	TON Crushed Stone (Temporary Use), (1,000 >)	18.56
31 23 16 13-0046	CY Structural Soil	318.48
31 23 16 13-0047	CY Engineered Soil Placement, (0 > 100)	374.46
31 23 16 13-0048	CY Engineered Soil Placement, (100 > 500)	309.97
31 23 16 13-0049	CY Engineered Soil Placement, (500 >)	248.21

**31 23 16 16 Structural Excavation for Minor Structures** (31 23 16)



<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Excavation and Fill</b>	<b>31 23</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**31 23 16 16-0001 Post Holes** (31 23 16 16)  
 Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.

**31 23 16 16-0002 Drilling Post Hole In Soil** (31 23 16 16-0001)  
 Note: Auger by machine unless otherwise notified by owner.

31 23 16 16-0003	VLF	Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil .....	11.00
31 23 16 16-0004	VLF	2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil .....	12.37
31 23 16 16-0005	VLF	3" Diameter Hole, Auger By Machine Post Hole In Soil .....	14.67
31 23 16 16-0006	VLF	4" Diameter Hole, Auger By Machine Post Hole In Soil .....	16.51
31 23 16 16-0007	VLF	6" Diameter Hole, Auger By Machine Post Hole In Soil .....	18.01
31 23 16 16-0008	VLF	8" Diameter Hole, Auger By Machine Post Hole In Soil .....	19.81
31 23 16 16-0009	VLF	10" Diameter Hole, Auger By Machine Post Hole In Soil .....	22.01
31 23 16 16-0010	VLF	12" Diameter Hole, Auger By Machine Post Hole In Soil .....	24.76
31 23 16 16-0011	VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil .....	28.29
31 23 16 16-0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil .....	33.01
31 23 16 16-0013	VLF	30" Diameter Hole, Auger By Machine Post Hole In Soil .....	39.60
31 23 16 16-0014	VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil .....	49.51

**31 23 16 16-0015 Drilling Post Hole In Rock** (31 23 16 16-0001)

31 23 16 16-0016	CF	Jackhammer Post Hole, Rock .....	84.78
31 23 16 16-0017	CF	Rock Drill Post Hole, Rock .....	21.99

**31 23 16 16-0018 Post Hole Fill** (31 23 16 16-0001)

**31 23 16 16-0019 Concrete Fill** (31 23 16 16-0018)

31 23 16 16-0020	VLF	Concrete Fill, Up To 2-1/2" Diameter Hole .....	6.94
31 23 16 16-0021	VLF	Concrete Fill, 2-1/2" Diameter Hole .....	8.93
31 23 16 16-0022	VLF	Concrete Fill, 3" Diameter Hole .....	9.82
31 23 16 16-0023	VLF	Concrete Fill, 4" Diameter Hole .....	11.27
31 23 16 16-0024	VLF	Concrete Fill, 6" Diameter Hole .....	15.89
31 23 16 16-0025	VLF	Concrete Fill, 8" Diameter Hole .....	21.20
31 23 16 16-0026	VLF	Concrete Fill, 10" Diameter Hole .....	25.93
31 23 16 16-0027	VLF	Concrete Fill, 12" Diameter Hole .....	30.23
31 23 16 16-0028	VLF	Concrete Fill, 18" Diameter Hole .....	41.14
31 23 16 16-0029	VLF	Concrete Fill, 24" Diameter Hole .....	50.99
31 23 16 16-0030	VLF	Concrete Fill, 30" Diameter Hole .....	60.60
31 23 16 16-0031	VLF	Concrete Fill, 36" Diameter Hole .....	70.57

**31 23 16 16-0032 Grout Fill** (31 23 16 16-0018)

31 23 16 16-0033	VLF	Grout Fill, Up To 2-1/2" Diameter Hole .....	8.25
31 23 16 16-0034	VLF	Grout Fill, 2-1/2" Diameter Hole .....	10.62
31 23 16 16-0035	VLF	Grout Fill, 3" Diameter Hole .....	11.56
31 23 16 16-0036	VLF	Grout Fill, 4" Diameter Hole .....	12.98
31 23 16 16-0037	VLF	Grout Fill, 6" Diameter Hole .....	18.12
31 23 16 16-0038	VLF	Grout Fill, 8" Diameter Hole .....	24.19
31 23 16 16-0039	VLF	Grout Fill, 10" Diameter Hole .....	29.47
31 23 16 16-0040	VLF	Grout Fill, 12" Diameter Hole .....	34.19
31 23 16 16-0041	VLF	Grout Fill, 18" Diameter Hole .....	45.67
31 23 16 16-0042	VLF	Grout Fill, 24" Diameter Hole .....	55.75
31 23 16 16-0043	VLF	Grout Fill, 30" Diameter Hole .....	65.51
31 23 16 16-0044	VLF	Grout Fill, 36" Diameter Hole .....	75.50

**31 23 16 16-0045 Earth Fill, Compacted** (31 23 16 16-0018)

31 23 16 16-0046	VLF	Earth Fill, Up To 2-1/2" Diameter Hole .....	5.88
31 23 16 16-0047	VLF	Earth Fill, 2-1/2" Diameter Hole .....	7.66
31 23 16 16-0048	VLF	Earth Fill, 3" Diameter Hole .....	8.01
31 23 16 16-0049	VLF	Earth Fill, 4" Diameter Hole .....	8.24
31 23 16 16-0050	VLF	Earth Fill, 6" Diameter Hole .....	11.01
31 23 16 16-0051	VLF	Earth Fill, 8" Diameter Hole .....	14.69
31 23 16 16-0052	VLF	Earth Fill, 10" Diameter Hole .....	17.62
31 23 16 16-0053	VLF	Earth Fill, 12" Diameter Hole .....	19.98
31 23 16 16-0054	VLF	Earth Fill, 18" Diameter Hole .....	24.35
31 23 16 16-0055	VLF	Earth Fill, 24" Diameter Hole .....	27.32
31 23 16 16-0056	VLF	Earth Fill, 30" Diameter Hole .....	29.97
31 23 16 16-0057	VLF	Earth Fill, 36" Diameter Hole .....	32.32

**31 23 16 26 Rock Removal** (31 23 16)

**31 23 16 26-0001 Rock Breaking By Machine** (31 23 16 26)  
 Note: Excludes excavation of broken-up rock.

31 23 16 26-0002	CY	Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone) .....	28.57
31 23 16 26-0003	CY	Rock Breaking By Machine, Medium Metamorphic Rock (Slate) .....	30.47
31 23 16 26-0004	CY	Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt) .....	36.18

**31 23 19 Dewatering** (31 23)

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 23</b>	<b>Excavation and Fill</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

31 23 19 00-0001	<b>Well Point Dewatering System</b> <small>(31 23 19)</small>	
31 23 19 00-0002	<b>Delivery, Installation And Removal Cost</b> <small>(31 23 19 00-0001)</small>	
	Note: Priced by linear foot of header used.	
31 23 19 00-0003	LF	Up To 100' In Length Well Point System Delivery, Installation And Removal ..... 151.79
31 23 19 00-0004	LF	>100' To 250' In Length Well Point System Delivery, Installation And Removal ..... 83.49
31 23 19 00-0005	LF	>250' To 500' In Length Well Point System Delivery, Installation And Removal ..... 75.90
31 23 19 00-0006	LF	>500' To 1,000' In Length Well Point System Delivery, Installation And Removal ..... 68.31
31 23 19 00-0007	LF	>1,000' In Length Well Point System Delivery, Installation And Removal ..... 60.71
31 23 19 00-0008	LF	>1,000' In Length Well Point System Delivery, Installation And Removal ..... 53.13

31 23 19 00-0009	<b>Well Point Dewatering System Rental</b> <small>(31 23 19 00-0001)</small>	
	Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200' of header for four days - quantity should be 200'x4 or 800'). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.	
31 23 19 00-0010	LFD	Up To 100' In Length Well Point System Rental (LF x Days = Quantity) ..... 4.12
		For >5 Days And <1 Month, Deduct ..... -0.91
		For >1 Month, Deduct ..... -1.15
31 23 19 00-0011	LFD	>100' To 250' In Length Well Point System Rental (LF x Days = Quantity) ..... 2.40
		For >5 Days And <1 Month, Deduct ..... -0.53
		For >1 Month, Deduct ..... -0.67
31 23 19 00-0012	LFD	>250' To 500' In Length Well Point System Rental (LF x Days = Quantity) ..... 1.72
		For >5 Days And <1 Month, Deduct ..... -0.38
		For >1 Month, Deduct ..... -0.48
31 23 19 00-0013	LFD	>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity) ..... 1.26
		For >5 Days And <1 Month, Deduct ..... -0.28
		For >1 Month, Deduct ..... -0.35
31 23 19 00-0014	LFD	>1,000' In Length Well Point System Rental (LF x Days = Quantity) ..... 1.14
		For >5 Days And <1 Month, Deduct ..... -0.25
		For >1 Month, Deduct ..... -0.32

31 23 19 00-0015	<b>Well Point Dewatering System Operation Costs</b> <small>(31 23 19 00-0001)</small>	
	Note: The quantity for operation shall be the total number of hours the well point system is operational.	
31 23 19 00-0016	HR	Operation Costs ..... 116.58

**31 23 23** **Fill** (31 23)

**31 23 23 23** **Compaction** (31 23 23)

31 23 23 23-0001	<b>Compaction Water, Water Truck And Operator</b> <small>(31 23 23 23)</small>	
31 23 23 23-0002	MGL	Compaction Water, Water Truck And Operator ..... 296.37
	Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)	

**31 23 23 33** **Flowable Fill** (31 23 23)

31 23 23 33-0001	<b>Flowable Fill (Fly Ash) Cement Backfill For Trenches</b> <small>(31 23 23 33)</small>	
	Note: Includes compaction and restoration of final grade.	
31 23 23 33-0002	CY	Flowable Fill (Fly Ash) Cement Backfill for Trenches ..... 146.13

**31 24** **Embankments** (31 20)

**31 24 13** **Roadway Embankments** (31 24)

31 24 13 00-0001	<b>Excavation And Backfill</b> <small>(31 24 13)</small>	
	See CSI section 31 05 16 00-0000 for imported material, 32 12 16 00-0000 for asphalt paving, 32 13 13 00-0000 for concrete paving.	
31 24 13 00-0002	<b>Excavation</b> <small>(31 24 13 00-0001)</small>	
31 24 13 00-0003	<b>Excavation By Machine</b> <small>(31 24 13 00-0002)</small>	
	Note: Includes the excavation of material to be removed from site, final cut to proposed subgrade elevation, and loading onto trucks. Also to be used for Cut and Fill operations up to a move distance of 200 feet of the cut and fill. If directed by the Owner, includes excavation of material that is to be stockpiled. Also to be used for excavation required to expose buried foundation walls and footings, underground utilities and other underground structures to be removed.	
31 24 13 00-0004	CY	Excavation Up To A Depth Of 4' ..... 5.49
31 24 13 00-0005	CY	Excavation From A Depth > 4' To 8' ..... 6.21
31 24 13 00-0006	CY	Excavation For Greater Than A Depth Of 8' ..... 7.62
31 24 13 00-0007	<b>Excavation By Hand</b> <small>(31 24 13 00-0002)</small>	
31 24 13 00-0008	CY	Excavation By Hand Up To 1 On 4 Slope ..... 98.04
31 24 13 00-0009	CY	Excavation By Hand Greater Than 1 On 4 Slope ..... 196.07



	<b>Earthwork</b>	<b>31</b>	
	Earth Moving	31 20	13
	Embankments	31 24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

31 24 13 00-0010			<b>Excavation By Machine Around Structures To Remain</b> <small>(31 24 13 00-0002)</small>		
			Note: Includes the excavation of material to be removed from site, final cut to proposed subgrade elevation, loading onto trucks and any necessary hand labor around structures. Also to be used for Cut and Fill operations up to a move distance of 200 feet of the cut and fill. If directed by the Owner, includes excavation of material that is to be stockpiled. Also to be used for excavation required to expose buried foundation walls and footings, underground utilities and other underground structures to remain in place.		
31 24 13 00-0011	CY		Excavation Around Buried Structures To Remain Up To Depth Of 4'.....	9.74	
31 24 13 00-0012	CY		Excavation Around Buried Structures To Remain > 4' To 8'.....	10.63	
31 24 13 00-0013	CY		Excavation Around Buried Structures To Remain > 8'.....	13.46	

31 24 13 00-0014			<b>Loading Or Spreading Of Stockpiled Material</b> <small>(31 24 13 00-0002)</small>		
			Note: If excavated material is permitted to be stockpiled on site by the Owner, then this work task is allowed for the spreading of material on-site or loading of material for removal from the project site.		
31 24 13 00-0015	CY		Loading Or Spreading Of Stockpile (Up To 500 CY).....	3.94	
31 24 13 00-0016	CY		Loading Or Spreading Of Stockpile (>500 - 1,500 CY).....	3.58	
31 24 13 00-0017	CY		Loading Or Spreading Of Stockpile (>1,500 CY).....	3.31	

31 24 13 00-0018			<b>Scarify Soil</b> <small>(31 24 13 00-0001)</small>		
31 24 13 00-0019	CSF		Scarify Soil.....	7.01	
			For Up To 20, Add	3.51	
			For >20 To 50, Add	1.75	
			For >250 To 500, Deduct	-0.70	
			For >500, Deduct	-1.40	

31 24 13 00-0020 **Grading** (31 24 13 00-0001)

31 24 13 00-0021			<b>Grading And Compaction Of Miscellaneous Earthen Fill</b> <small>(31 24 13 00-0020)</small>		
			Note: Includes topsoil, clay, sand, mixed, and brick-bat. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0022	CY		Grade And Compact Earthen Fill (0-500 CY).....	5.05	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0023	CY		Grade And Compact Earthen Fill (>500-1,000 CY).....	4.15	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0024	CY		Grade And Compact Earthen Fill (>1,000 CY).....	3.34	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		

31 24 13 00-0025 **Grading And Compaction Of Sub-base Stone Fill** (31 24 13 00-0020)

			Note: Includes CA-6, FA-1, FA-5 screenings, stone with fines. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0026	TON		Grade And Compact Sub-base Stone (0-500 Ton).....	6.76	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0027	TON		Grade And Compact Sub-base Stone (>500-1,000 Ton).....	6.04	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0028	TON		Grade And Compact Sub-base Stone (>1,000 Ton).....	5.41	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		

31 24 13 00-0029 **Grading And Compaction Of Backfill And Undercut Fill** (31 24 13 00-0020)

			Note: Includes CA-1, CA-7, Rip Rap, bedding stone with no fines. Includes spreading, shaping, rough grading, compaction, and watering of generated, imported or stockpiled material by machine.		
31 24 13 00-0030	TON		Grade And Compact Backfill / Undercut Fill (0-500 Ton).....	4.05	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0031	TON		Grade And Compact Backfill / Undercut Fill (>500 - 1,000 Ton).....	3.60	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		
31 24 13 00-0032	TON		Grade And Compact Backfill / Undercut Fill (>1,000 Ton).....	2.55	
			Note: Includes spreading, shaping, rough grading, compaction, and watering of imported or stockpiled material by machine.		

31 24 13 00-0033 **Final Grading Of Cut And Fill Areas** (31 24 13 00-0020)

31 24 13 00-0034	SY		Fine Grading Of Parking Lots.....	1.18	
31 24 13 00-0035	SY		Fine Grading Of Slab On Grade Interiors.....	1.18	
31 24 13 00-0036	SY		Fine Grading Of Sidewalk And Exterior Slabs.....	2.26	
31 24 13 00-0037	SY		Fine Grading Of Landscaped And Green Areas.....	0.63	
31 24 13 00-0038	LF		Fine Grading Of Curb And Gutter.....	1.63	

**31 25 Erosion and Sedimentation Controls** (31 20)

**31 25 14 Stabilization Measures for Erosion and Sedimentation Control** (31 25)



<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 25</b>	<b>Erosion and Sedimentation Controls</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**31 25 14 13      Hydraulically-Applied Erosion Control** (31 25 14)

<b>31 25 14 13-0001</b>	<b>Bonded Fiber Matrix</b> <small>(31 25 14 13)</small>		
31 25 14 13-0002	MSF Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied .....	65.30	
31 25 14 13-0003	MSF >25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied .....	59.89	
31 25 14 13-0004	MSF >50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied .....	55.30	
31 25 14 13-0005	MSF >100,000 Bonded Fiber Matrix, Hydraulically Applied .....	52.67	

**31 25 14 16      Rolled Erosion Control Mats and Blankets** (31 25 14)

Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.

**31 25 14 16-0001      Erosion Control Blankets And Turf Reinforcement Mats** (31 25 14 16)

<b>31 25 14 16-0002</b>	<b>Erosion Control Blankets, Short Term, Light Duty</b> <small>(31 25 14 16-0001)</small>		
31 25 14 16-0003	SY S75 Single Net Erosion Control Blanket .....	3.46	
	Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14 16-0004	SY S75BN Single Net Erosion Control Blanket .....	4.44	
	Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.		
31 25 14 16-0005	SY Curlex 1, Single Net Erosion Control Blanket .....	3.29	
	Note: As manufactured by American Excelsior		
31 25 14 16-0006	SY Curlex 1, Single Net Erosion Control Blanket .....	3.46	
	Note: As manufactured by American Green.		
31 25 14 16-0007	SY Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting .....	3.07	

**31 25 14 16-0008      Erosion Control Blankets, Intermediate Duration** (31 25 14 16-0001)

31 25 14 16-0009	SY S150 Double Net Erosion Control Blanket .....	4.45	
	Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14 16-0010	SY S150 BN Double Net Erosion Control Blanket .....	5.99	
	Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.		
31 25 14 16-0011	SY Curlex II, Double Net Erosion Control Blanket, Natural .....	3.73	
	Note: As manufactured by American Excelsior.		
31 25 14 16-0012	SY Curlex II, Double Net Erosion Control Blanket, Green .....	3.90	
	Note: As manufactured by American Excelsior.		
31 25 14 16-0013	SY Enforcer Double Net Erosion Control Blanket .....	4.16	
	Note: As manufactured by American Excelsior.		

**31 25 14 16-0014      Turf Reinforcement Mats (TRM)** (31 25 14 16-0001)

Note: Permanent, UV stabilized.

31 25 14 16-0015	SY P300 Permanent Polypropylene Turf Reinforcement Mat .....	15.50	
	Note: 100% synthetic, UV stabilized, two layer netting.		
31 25 14 16-0016	SY C350 Permanent Turf Reinforcement Mat .....	14.31	
	Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.		
31 25 14 16-0017	SY Recyclex TRM, Permanent Turf Reinforcement Mat .....	18.34	
	Note: As manufactured by American Excelsior, 100% recycled		

**31 25 14 16-0018      Jute Mesh Erosion Control Blankets** (31 25 14 16-0001)

31 25 14 16-0019	SY Jute Mesh, Open Uniform Weave .....	6.07	
------------------	--	------	--

**31 25 14 16-0020      Revegetation Mat** (31 25 14 16-0001)

31 25 14 16-0021	SY 3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber .....	11.75	
	Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.		
31 25 14 16-0022	SY Webbed Revegetation Mat, Polypropylene Fiber .....	16.77	
	Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.		

**31 25 14 23      Stabilization Measures for Erosion Control** (31 25 14)

See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

**31 25 14 23-0001      Sand Bags** (31 25 14 23)

Note: Bags filled on site with delivered material. Includes material and placement of bags.

31 25 14 23-0002	BAG 50 Lb. Capacity Sand Bag With Sand .....	7.90	3.34
	For >2,500 To 5,000, Deduct	-0.67	
	For >5,000, Deduct	-1.46	
31 25 14 23-0003	BAG 75 Lb. Capacity Sand Bag With Sand .....	10.16	4.15
	For >2,500 To 5,000, Deduct	-0.83	
	For >5,000, Deduct	-1.85	
31 25 14 23-0004	BAG 100 Lb. Capacity Sand Bag With Sand .....	12.76	4.97
	For >2,500 To 5,000, Deduct	-0.99	
	For >5,000, Deduct	-2.27	
31 25 14 23-0005	BAG 125 Lb. Capacity Sand Bag With Sand .....	15.73	6.21
	For >2,500 To 5,000, Deduct	-1.24	
	For >5,000, Deduct	-2.82	



<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Erosion and Sedimentation Controls</b>	<b>31 25</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0006 BAG 150 Lb. Capacity Sand Bag With Sand.....	19.12	7.44
For >2,500 To 5,000, Deduct	-1.49	
For >5,000, Deduct	-3.40	
31 25 14 23-0007 BAG 175 Lb. Capacity Sand Bag With Sand.....	22.24	8.47
For >2,500 To 5,000, Deduct	-1.69	
For >5,000, Deduct	-3.92	
31 25 14 23-0008 BAG 2,000 Lb. Capacity Sand Bag With Sand.....	165.21	56.27
For >2,500 To 5,000, Deduct	-9.81	
For >5,000, Deduct	-26.34	
31 25 14 23-0009 BAG 3,000 Lb. Capacity Sand Bag With Sand.....	214.48	61.89
For >2,500 To 5,000, Deduct	-10.80	
For >5,000, Deduct	-32.24	
<b>31 25 14 23-0010 Gravel Bags</b> <small>(31 25 14 23)</small>		
Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0011 BAG 30 Lb. Capacity Gravel Bag With Gravel .....	7.18	2.22
For >2,500 To 5,000, Deduct	-0.44	
For >5,000, Deduct	-1.16	
31 25 14 23-0012 BAG 50 Lb. Capacity Gravel Bag With Gravel .....	12.76	3.34
For >2,500 To 5,000, Deduct	-0.67	
For >5,000, Deduct	-1.94	
<b>31 25 14 23-0013 Floating Turbidity Curtain</b> <small>(31 25 14 23)</small>		
Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6" x 6", 13.5 lb/ft. buoyancy in fresh water and 14.4 lb/ft buoyancy in saltwater.		
31 25 14 23-0014 LF 3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	27.97	
For Type 1, Deduct	-4.23	
For 13 Oz PVC Fabric, Type 2, Deduct	-2.58	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	3.13	
31 25 14 23-0015 LF 4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	30.29	
For Type 1, Deduct	-4.66	
For 13 Oz PVC Fabric, Type 2, Deduct	-2.84	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	3.44	
31 25 14 23-0016 LF 5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	33.49	
For Type 1, Deduct	-5.28	
For 13 Oz PVC Fabric, Type 2, Deduct	-3.21	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	3.90	
31 25 14 23-0017 LF 6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	36.22	
For Type 1, Deduct	-5.79	
For 13 Oz PVC Fabric, Type 2, Deduct	-3.52	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	4.28	
31 25 14 23-0018 LF 7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	38.01	
For Type 1, Deduct	-6.07	
For 13 Oz PVC Fabric, Type 2, Deduct	-3.69	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	4.49	
31 25 14 23-0019 LF 8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	39.81	
For Type 1, Deduct	-6.35	
For 13 Oz PVC Fabric, Type 2, Deduct	-3.87	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	4.70	
31 25 14 23-0020 LF 9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	41.89	
For Type 1, Deduct	-6.69	
For 13 Oz PVC Fabric, Type 2, Deduct	-4.07	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	4.95	
31 25 14 23-0021 LF 10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	44.74	
For Type 1, Deduct	-7.20	
For 13 Oz PVC Fabric, Type 2, Deduct	-4.38	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	5.32	
31 25 14 23-0022 LF 12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	47.02	
For Type 1, Deduct	-7.57	
For 13 Oz PVC Fabric, Type 2, Deduct	-4.61	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	5.59	
31 25 14 23-0023 LF 13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	50.05	
For Type 1, Deduct	-8.10	
For 13 Oz PVC Fabric, Type 2, Deduct	-4.93	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	5.99	
31 25 14 23-0024 LF 14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	52.88	
For Type 1, Deduct	-8.58	
For 13 Oz PVC Fabric, Type 2, Deduct	-5.22	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	6.34	
31 25 14 23-0025 LF 15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	55.63	
For Type 1, Deduct	-9.03	
For 13 Oz PVC Fabric, Type 2, Deduct	-5.50	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	6.68	
31 25 14 23-0026 LF 16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	60.50	
For Type 1, Deduct	-9.97	
For 13 Oz PVC Fabric, Type 2, Deduct	-6.07	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	7.37	
31 25 14 23-0027 LF 17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	63.43	
For Type 1, Deduct	-10.45	
For 13 Oz PVC Fabric, Type 2, Deduct	-6.36	
For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add	7.72	

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 20</b>	<b>Earth Moving</b>
	<b>31 25</b>	<b>Erosion and Sedimentation Controls</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 25 14 23-0028	LF	18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	66.30	
			<i>For Type 1, Deduct</i>	-10.90	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.63	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add</i>	8.05	
	31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	69.33	
			<i>For Type 1, Deduct</i>	-11.38	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.93	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add</i>	8.41	
	31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	72.28	
			<i>For Type 1, Deduct</i>	-11.83	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-7.20	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy-Duty, Add</i>	8.74	
<b>31 25 14 23-0031</b>			<b>Turbidity Curtain Anchors</b> <small>(31 25 14 23)</small>		
	31 25 14 23-0032	EA	14 Lb., Turbidity Curtain Anchor System .....	738.81	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0033	EA	25 Lb., Turbidity Curtain Anchor System .....	1,011.40	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0034	EA	40 Lb., Turbidity Curtain Anchor System .....	1,285.16	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0035	EA	65 Lb., Turbidity Curtain Anchor System .....	1,679.41	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
<b>31 25 14 23-0036</b>			<b>Filter Bags</b> <small>(31 25 14 23)</small>		
<b>31 25 14 23-0037</b>			<b>Non-Woven Filter Bags</b> <small>(31 25 14 23-0036)</small>		
	31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag .....	258.70	
	31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag .....	373.96	
	31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag .....	430.40	
<b>31 25 14 23-0041</b>			<b>Monofilament Filter Bags</b> <small>(31 25 14 23-0036)</small>		
	31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag .....	268.84	
	31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag .....	371.76	
<b>31 25 14 23-0044</b>			<b>Cable Articulating Concrete Block</b> <small>(31 25 14 23)</small>		
			Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
	31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill.....	46.58	
			<i>For Up To 500, Add</i>	10.66	
			<i>For &gt;500 To 1,000, Add</i>	6.00	
	31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill .....	52.95	
			<i>For Up To 500, Add</i>	12.06	
			<i>For &gt;500 To 1,000, Add</i>	6.76	
	31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill.....	60.27	
			<i>For Up To 500, Add</i>	13.67	
			<i>For &gt;500 To 1,000, Add</i>	7.64	
	31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill .....	67.85	
			<i>For Up To 500, Add</i>	15.36	
			<i>For &gt;500 To 1,000, Add</i>	8.58	
	31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block .....	49.54	
			<i>For Up To 500, Add</i>	11.25	
			<i>For &gt;500 To 1,000, Add</i>	6.30	
	31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block .....	56.49	
			<i>For Up To 500, Add</i>	12.77	
			<i>For &gt;500 To 1,000, Add</i>	7.12	
	31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block .....	64.47	
			<i>For Up To 500, Add</i>	14.51	
			<i>For &gt;500 To 1,000, Add</i>	8.06	
	31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block .....	72.65	
			<i>For Up To 500, Add</i>	16.32	
			<i>For &gt;500 To 1,000, Add</i>	9.06	
<b>31 25 14 26</b>			<b>Stabilization Measures for Sedimentation Control</b> <small>(31 25 14)</small>		
<b>31 25 14 26-0001</b>			<b>Silt Fences And Dike Barriers</b> <small>(31 25 14 26)</small>		
			Note: Includes stakes and embedding.		
<b>31 25 14 26-0002</b>			<b>Silt Fences 2' High</b> <small>(31 25 14 26-0001)</small>		
			See CSI section 31 25 14 26-0014 for removal of silt fence.		
	31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center .....	6.46	
	31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center .....	5.04	
	31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center .....	3.61	
	31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center .....	3.12	
<b>31 25 14 26-0007</b>			<b>Silt Fences 3' High</b> <small>(31 25 14 26-0001)</small>		
			See CSI section 31 25 14 26-0014 for removal of silt fence.		
	31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center .....	7.60	



<b>Earthwork</b>	<b>31</b>	<b>13</b>
<b>Earth Moving</b>	<b>31 20</b>	
<b>Erosion and Sedimentation Controls</b>	<b>31 25</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0009 LF 3' High Silt Fence with Stakes at 6' On Center .....	6.03	
31 25 14 26-0010 LF 3' High Silt Fence with Stakes at 8' On Center .....	4.21	
31 25 14 26-0011 LF 3' High Silt Fence with Stakes at 10' On Center .....	3.52	
<b>31 25 14 26-0012 Silt Dike Barrier</b> <small>(31 25 14 26-0001)</small>		
31 25 14 26-0013 LF Silt Dike Barrier With Stakes.....	5.92	
<b>31 25 14 26-0014 Silt Fences Removal</b> <small>(31 25 14 26-0001)</small>		
31 25 14 26-0015 LF Removal Of Silt Fence And Stakes.....	1.05	
<b>31 25 14 26-0016 Hay And Straw Bales</b> <small>(31 25 14 26)</small>		
Note: Includes trench for placement, and stakes.		
31 25 14 26-0017 LF Place Sterilized Straw Bales .....	5.16	
Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018 LF Place Hay Bales .....	4.89	
Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019 LF Removal Of Hay Or Straw Bales .....	1.89	
Note: Includes removal of stakes.		
<b>31 25 14 26-0020 Sediment Logs (Degradable)</b> <small>(31 25 14 26)</small>		
<b>31 25 14 26-0021 Sediment Logs (Degradable)</b> <small>(31 25 14 26-0020)</small>		
Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022 LF 9" Sediment Fiber Roll Log.....	7.47	
31 25 14 26-0023 LF 12" Sediment Fiber Roll Log.....	8.61	
31 25 14 26-0024 LF 20" Sediment Fiber Roll Log.....	13.32	
<b>31 25 14 26-0025 Wattles (Degradable) With UV Stabilized Synthetic Netting</b> <small>(31 25 14 26-0020)</small>		
Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0026 EA Wattles (Sterile Straw Filled Rolls), 8" x 25'.....	144.09	
31 25 14 26-0027 EA Wattles (Sterile Straw Filled Rolls), 9" x 25'.....	151.28	
31 25 14 26-0028 EA Wattles (Sterile Straw Filled Rolls), 12" x 20'.....	161.64	
31 25 14 26-0029 EA Wattles (Sterile Straw Filled Rolls), 20" x 10'.....	174.50	
<b>31 25 14 26-0030 Inlet Protection Sediment Bags</b> <small>(31 25 14 26)</small>		
Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0031 EA 2' x 2' x 3' Inlet Protection Sediment Bag.....	85.89	
31 25 14 26-0032 EA 2' x 3' x 3' Inlet Protection Sediment Bag.....	100.18	
31 25 14 26-0033 EA 2' x 4' x 3' Inlet Protection Sediment Bag.....	109.67	
<b>31 30 Earthwork Methods</b> <small>(31)</small>		
<b>31 31 Soil Treatment</b> <small>(31 30)</small>		
<b>31 31 16 Termite Control</b> <small>(31 31)</small>		
<b>31 31 16 13 Chemical Termite Control</b> <small>(31 31 16)</small>		
<b>31 31 16 13-0001 Commercial Use</b> <small>(31 31 16 13)</small>		
31 31 16 13-0002 SF Termite Pretreatment, Commercial Soil Poisoning Under Slab .....	0.98	
31 31 16 13-0003 SF Termite Pretreatment, Commercial Slab And Walls.....	1.38	
<b>31 31 16 13-0004 Residential Use</b> <small>(31 31 16 13)</small>		
31 31 16 13-0005 SF Termite Pretreatment, Residential General Spraying Walls And Slab .....	1.39	
31 31 16 13-0006 SF Termite Treatment, Existing Residential Structure.....	1.51	
<b>31 31 19 Vegetation Control</b> <small>(31 31)</small>		
<b>31 31 19 13 Chemical Vegetation Control</b> <small>(31 31 19)</small>		
<b>31 31 19 13-0001 Soil Sterilants</b> <small>(31 31 19 13)</small>		
31 31 19 13-0002 MSF Soil Sterilant.....	34.22	
Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
		-0.52
<i>For &gt;45 To 90, Deduct</i>		
		-2.76
<i>For &gt;90 To 225, Deduct</i>		
		-3.81
<i>For &gt;225, Deduct</i>		
<b>31 32 Soil Stabilization</b> <small>(31 30)</small>		
<b>31 32 13 Soil Mixing Stabilization</b> <small>(31 32)</small>		

<b>31</b>	<b>31</b>	<b>Earthwork</b>
	<b>31 30</b>	<b>Earthwork Methods</b>
	<b>31 32</b>	<b>Soil Stabilization</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**31 32 13 16 Cement Soil Stabilization** (31 32 13)

<b>31 32 13 16-0001</b>	<b>Cementitious Soil Binder</b> <small>(31 32 13 16)</small>	
31 32 13 16-0002	CY Cementitious Soil Binder, 4% Cement Mix By Volume .....	43.08
31 32 13 16-0003	CY Cementitious Soil Binder, 6% Cement Mix By Volume .....	49.59
31 32 13 16-0004	CY Cementitious Soil Binder, 9% Cement Mix By Volume .....	60.31
31 32 13 16-0005	CY Cementitious Soil Binder, 12% Cement Mix By Volume .....	70.88

**31 32 13 19 Lime Soil Stabilization** (31 32 13)

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

<b>31 32 13 19-0001</b>	<b>Lime Slurry</b> <small>(31 32 13 19)</small>	
31 32 13 19-0002	LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume.....	38.36
31 32 13 19-0003	TON Cement Stabilized Base Material.....	135.76
31 32 13 19-0004	CWT Lime For Soil Stabilization .....	21.97
	Note: Excludes the cost for spreading or backfilling	
31 32 13 19-0005	LCY Roller, Grader - Lime Stabilization .....	18.13
31 32 13 19-0006	LCY Roller, Grader - Cement Stabilization .....	4.31

**31 32 13 19-0007 Lime Stabilized Subgrade** (31 32 13 19)

Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).

31 32 13 19-0008	SY 6" Thick Lime Stabilized Subgrade, 25 Lb. ....	13.47
	<i>For 4% Lime Instead Of 5%, Deduct</i> .....	-0.39
	<i>For 6% Lime Instead Of 5%, Add</i> .....	0.39
31 32 13 19-0009	SY 7" Thick Lime Stabilized Subgrade, 29 Lb. ....	15.62
	<i>For 4% Lime Instead Of 5%, Deduct</i> .....	-0.45
	<i>For 6% Lime Instead Of 5%, Add</i> .....	0.45
31 32 13 19-0010	SY 8" Thick Lime Stabilized Subgrade, 33 Lb. ....	17.81
	<i>For 4% Lime Instead Of 5%, Deduct</i> .....	-0.51
	<i>For 6% Lime Instead Of 5%, Add</i> .....	0.51

**31 32 13 29 Liquid Soil Stabilization** (31 32 13)

31 32 13 29-0001	GAL Polyacrylamide And Calcium Solution .....	2.98
------------------	---	------

**31 32 19 Geosynthetic Soil Stabilization and Layer Separation** (31 32)

**31 32 19 13 Geogrid Soil Stabilization** (31 32 19)

**31 32 19 13-0001 Geogrid Fabrics** (31 32 19 13)

Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications. Includes stakes.

31 32 19 13-0002	SY 5.3 Ounce/SY, 1,700 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150) .....	5.48
	<i>For Up To 50, Add</i> .....	1.23
	<i>For &gt;50 To 150, Add</i> .....	0.91
	<i>For &gt;150 To 250, Add</i> .....	0.59
	<i>For &gt;250 To 500, Add</i> .....	0.30
31 32 19 13-0003	SY 6.9 Ounce/SY, 3,100 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300) .....	6.25
	<i>For Up To 50, Add</i> .....	1.39
	<i>For &gt;50 To 150, Add</i> .....	1.03
	<i>For &gt;150 To 250, Add</i> .....	0.67
	<i>For &gt;250 To 500, Add</i> .....	0.34
31 32 19 13-0004	SY 8.7 Ounce/SY, 4,280 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500) .....	6.82
	<i>For Up To 50, Add</i> .....	1.51
	<i>For &gt;50 To 150, Add</i> .....	1.12
	<i>For &gt;150 To 250, Add</i> .....	0.73
	<i>For &gt;250 To 500, Add</i> .....	0.36
31 32 19 13-0005	SY 12.6 Ounce/SY, 7,315 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800) .....	9.81
	<i>For Up To 50, Add</i> .....	2.11
	<i>For &gt;50 To 150, Add</i> .....	1.57
	<i>For &gt;150 To 250, Add</i> .....	1.03
	<i>For &gt;250 To 500, Add</i> .....	0.52
31 32 19 13-0006	SY 14.1 Ounce/SY, 9,790 Lb./FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000) .....	11.22
	<i>For Up To 50, Add</i> .....	2.40
	<i>For &gt;50 To 150, Add</i> .....	1.79
	<i>For &gt;150 To 250, Add</i> .....	1.17
	<i>For &gt;250 To 500, Add</i> .....	0.59
31 32 19 13-0007	SY 4.3 Ounce/SY, 1,658 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20) .....	5.57
	<i>For Up To 50, Add</i> .....	1.24
	<i>For &gt;50 To 150, Add</i> .....	0.92
	<i>For &gt;150 To 250, Add</i> .....	0.60
	<i>For &gt;250 To 500, Add</i> .....	0.30





	<b>Earthwork</b>	<b>31</b>	
	<b>Earthwork Methods</b>	<b>31 30</b>	<b>13</b>
	<b>Soil Stabilization</b>	<b>31 32</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0008	SY		5.9 Ounce/SY, 2,192 Lb./FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30) .....	8.19	
			For Up To 50, Add	1.77	
			For >50 To 150, Add	1.32	
			For >150 To 250, Add	0.86	
			For >250 To 500, Add	0.43	
<b>31 32 19 16</b>			<b>Geotextile Soil Stabilization</b> (31 32 19)		
<b>31 32 19 16-0001</b>			<b>Nonwoven Polypropylene Geotextiles</b> (31 32 19 16)		
			Note: For drainage, filtration and separation. Includes stakes.		
31 32 19 16-0002	SY		3.0 Ounce/SY, 40 Mil, 80 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS) .....	1.71	
			For Up To 50, Add	0.39	
			For >50 To 150, Add	0.29	
			For >150 To 250, Add	0.19	
			For >250 To 500, Add	0.09	
31 32 19 16-0003	SY		3.5 Ounce/SY, 50 Mil, 95 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS) .....	1.83	
			For Up To 50, Add	0.42	
			For >50 To 150, Add	0.31	
			For >150 To 250, Add	0.20	
			For >250 To 500, Add	0.10	
31 32 19 16-0004	SY		4.0 Ounce/SY, 60 Mil, 115 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS) .....	1.98	
			For Up To 50, Add	0.45	
			For >50 To 150, Add	0.33	
			For >150 To 250, Add	0.22	
			For >250 To 500, Add	0.11	
31 32 19 16-0005	SY		4.5 Ounce/SY, 55 Mil, 120 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS) .....	2.13	
			For Up To 50, Add	0.48	
			For >50 To 150, Add	0.35	
			For >150 To 250, Add	0.23	
			For >250 To 500, Add	0.12	
31 32 19 16-0006	SY		6.0 Ounce/SY, 70 Mil, 160 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS) .....	2.53	
			For Up To 50, Add	0.56	
			For >50 To 150, Add	0.41	
			For >150 To 250, Add	0.27	
			For >250 To 500, Add	0.14	
31 32 19 16-0007	SY		7.0 Ounce/SY, 85 Mil, 180 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS) .....	2.96	
			For Up To 50, Add	0.66	
			For >50 To 150, Add	0.49	
			For >150 To 250, Add	0.32	
			For >250 To 500, Add	0.16	
31 32 19 16-0008	SY		8.0 Ounce/SY, 85 Mil, 205 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS) .....	3.26	
			For Up To 50, Add	0.72	
			For >50 To 150, Add	0.53	
			For >150 To 250, Add	0.35	
			For >250 To 500, Add	0.17	
31 32 19 16-0009	SY		10 Ounce/SY, 115 Mil, 250 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS) .....	4.02	
			For Up To 50, Add	0.87	
			For >50 To 150, Add	0.65	
			For >150 To 250, Add	0.42	
			For >250 To 500, Add	0.21	
<b>31 32 19 16-0010</b>			<b>Woven Geotextiles Fabric</b> (31 32 19 16)		
			Note: Includes stakes.		
31 32 19 16-0011	SY		200 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55) .....	2.47	
			For Up To 50, Add	0.55	
			For >50 To 150, Add	0.40	
			For >150 To 250, Add	0.26	
			For >250 To 500, Add	0.13	
31 32 19 16-0012	SY		315 Lb. Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66) .....	3.46	
			For Up To 50, Add	0.74	
			For >50 To 150, Add	0.55	
			For >150 To 250, Add	0.36	
			For >250 To 500, Add	0.18	
31 32 19 16-0013	SY		4 To 6% Open Area, 370 x 250 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%) .....	6.10	
			For Up To 50, Add	1.28	
			For >50 To 150, Add	0.96	
			For >150 To 250, Add	0.63	
			For >250 To 500, Add	0.32	
31 32 19 16-0014	SY		11 To 15% Open Area, 370 x 220 Lb. Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%) .....	5.95	
			For Up To 50, Add	1.25	
			For >50 To 150, Add	0.93	
			For >150 To 250, Add	0.62	
			For >250 To 500, Add	0.31	

**31 Earthwork****31 30 Earthwork Methods****31 32 Soil Stabilization**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

31 32 19 16-0015	SY	6.9 Oz/SY, 250 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF).....	5.20	
		<i>For Up To 50, Add</i> .....	1.10	
		<i>For &gt;50 To 150, Add</i> .....	0.82	
		<i>For &gt;150 To 250, Add</i> .....	0.54	
		<i>For &gt;250 To 500, Add</i> .....	0.27	
31 32 19 16-0016	SY	9.1 Oz/SY, 333 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF).....	5.56	
		<i>For Up To 50, Add</i> .....	1.18	
		<i>For &gt;50 To 150, Add</i> .....	0.88	
		<i>For &gt;150 To 250, Add</i> .....	0.58	
		<i>For &gt;250 To 500, Add</i> .....	0.29	
31 32 19 16-0017	SY	12.1 Oz/SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF).....	7.10	
		<i>For Up To 50, Add</i> .....	1.48	
		<i>For &gt;50 To 150, Add</i> .....	1.11	
		<i>For &gt;150 To 250, Add</i> .....	0.73	
		<i>For &gt;250 To 500, Add</i> .....	0.37	
31 32 19 16-0018	SY	12.1 Oz/SY, 400 Lb./IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF).....	10.12	
		<i>For Up To 50, Add</i> .....	2.09	
		<i>For &gt;50 To 150, Add</i> .....	1.56	
		<i>For &gt;150 To 250, Add</i> .....	1.03	
		<i>For &gt;250 To 500, Add</i> .....	0.52	

**31 32 19 16-0019 Geomembranes** (31 32 19 16)

Note: Includes stakes.

**31 32 19 16-0020 Polyvinyl Chloride (PVC) Geomembrane** (31 32 19 16-0019)

31 32 19 16-0021	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.52	
31 32 19 16-0022	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	1.75	
31 32 19 16-0023	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	2.11	
31 32 19 16-0024	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	2.53	
31 32 19 16-0025	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	2.89	
31 32 19 16-0026	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	3.15	
31 32 19 16-0027	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	3.42	
31 32 19 16-0028	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	3.79	
31 32 19 16-0029	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics).....	4.13	

**31 32 19 16-0030 High-Density Polyethylene (HDPE) Geomembrane** (31 32 19 16-0019)

31 32 19 16-0031	SF	20 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.46	
31 32 19 16-0032	SF	30 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	0.97	
31 32 19 16-0033	SF	40 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.07	
31 32 19 16-0034	SF	50 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.52	
31 32 19 16-0035	SF	60 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.26	
31 32 19 16-0036	SF	80 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.46	
31 32 19 16-0037	SF	100 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	1.67	
31 32 19 16-0038	SF	120 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	2.71	
31 32 19 16-0039	SF	140 Mil High-Density Polyethylene (HDPE) Membrane (US Fabrics).....	2.80	

**31 32 19 26 Geoweb Cellular Confinement System** (31 32 19)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

**31 32 19 26-0001 Geoweb Cellular Confinement System** (31 32 19 26)

Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.

31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems).....	8.08	
		<i>For &gt;20,000, Deduct</i> .....	-0.19	
		<i>For &gt;2:1 Slope, Add</i> .....	1.40	
31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems).....	9.80	
		<i>For &gt;20,000, Deduct</i> .....	-0.28	
		<i>For &gt;2:1 Slope, Add</i> .....	1.40	
31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems).....	11.85	
		<i>For &gt;20,000, Deduct</i> .....	-0.38	
		<i>For &gt;2:1 Slope, Add</i> .....	1.40	

**31 35 Slope Protection** (31 30)**31 35 19 Geosynthetic Slope Protection** (31 35)**31 35 19 19 Slope Protection with Mulch Control Netting** (31 35 19)

Note: Includes stakes.

**31 35 19 19-0001 Erosion Control Fabric** (31 35 19 19)

31 35 19 19-0002	SY	26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocorr 900).....	5.60	
------------------	----	--	------	--

**31 36 Gabions** (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, unloading and placing. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.



	<b>Earthwork</b>	<b>31</b>	
	<b>Earthwork Methods</b>	<b>31 30</b>	<b>13</b>
	<b>Gabions</b>	<b>31 36</b>	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	---------------------	------------------------	----------------------

**31 36 13 Gabion Boxes** <sup>(31 36)</sup>

31 36 13 00-0001	Stone Filled Gabion Slope Protection <sup>(31 36 13)</sup>		
Note: Machine placed by SY of total top face area for depth indicated.			
31 36 13 00-0002	SY 6" Deep Stone Filled Gabion Slope Protection .....	79.49	
31 36 13 00-0003	SY 9" Deep Stone Filled Gabion Slope Protection .....	93.69	
31 36 13 00-0004	SY 12" Deep Stone Filled Gabion Slope Protection .....	112.66	
31 36 13 00-0005	SY 15" Deep Stone Filled Gabion Slope Protection .....	133.22	
31 36 13 00-0006	SY 18" Deep Stone Filled Gabion Slope Protection .....	156.47	
31 36 13 00-0007	SY 24" Deep Stone Filled Gabion Slope Protection .....	214.06	
31 36 13 00-0008	SY 36" Deep Stone Filled Gabion Slope Protection .....	270.44	

**31 37 Riprap** <sup>(31 30)</sup>

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

**31 37 13 Machined Riprap** <sup>(31 37)</sup>

31 37 13 00-0001	Random - Filter Stone <sup>(31 37 13)</sup>		
31 37 13 00-0002	CY 10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	86.11	
	<i>For Chinking Material, Add</i>	13.92	
31 37 13 00-0003	CY >50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	101.06	
	<i>For Chinking Material, Add</i>	13.92	
31 37 13 00-0004	CY >100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	108.10	
	<i>For Chinking Material, Add</i>	13.92	
31 37 13 00-0005	CY >200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	116.11	
	<i>For Chinking Material, Add</i>	13.92	
31 37 13 00-0006	CY >300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	122.58	
	<i>For Chinking Material, Add</i>	13.92	
31 37 13 00-0007	CY >600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	133.15	
31 37 13 00-0008	CY 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap .....	152.72	
31 37 13 00-0009	TON 10 To 50 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	56.48	
31 37 13 00-0010	TON >50 To 100 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	65.97	
31 37 13 00-0011	TON >100 To 200 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	70.44	
31 37 13 00-0012	TON >200 To 300 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	75.52	
31 37 13 00-0013	TON >300 To 600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	79.63	
31 37 13 00-0014	TON >600 Lb. Average Pieces Random, Dumped From Truck, Rip Rap .....	86.42	
31 37 13 00-0015	TON 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap .....	102.23	

**31 40 Shoring and Underpinning** <sup>(31)</sup>

**31 41 Shoring** <sup>(31 40)</sup>

**31 41 13 Timber Shoring** <sup>(31 41)</sup>

31 41 13 00-0001	Wood Sheet Piling <sup>(31 41 13)</sup>		
31 41 13 00-0002	Pull And Salvage <sup>(31 41 13 00-0001)</sup>		
Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.			
31 41 13 00-0003	SF 8' Deep Excavation, Wood Shoring, Pull And Salvage .....	15.40	
	<i>For Wood Sheeting Left In Place</i>	-1.71	
31 41 13 00-0004	SF 10' Deep Excavation, Wood Shoring, Pull And Salvage .....	16.68	
	<i>For Wood Sheeting Left In Place</i>	-1.97	
31 41 13 00-0005	SF 12' Deep Excavation, Wood Shoring, Pull And Salvage .....	18.09	
	<i>For Wood Sheeting Left In Place</i>	-2.25	
31 41 13 00-0006	SF 14' Deep Excavation, Wood Shoring, Pull And Salvage .....	19.60	
	<i>For Wood Sheeting Left In Place</i>	-2.56	
31 41 13 00-0007	SF 16' Deep Excavation, Wood Shoring, Pull And Salvage .....	21.25	
	<i>For Wood Sheeting Left In Place</i>	-2.90	
31 41 13 00-0008	SF 18' Deep Excavation, Wood Shoring, Pull And Salvage .....	23.04	
	<i>For Wood Sheeting Left In Place</i>	-3.29	
31 41 13 00-0009	SF 20' Deep Excavation, Wood Shoring, Pull And Salvage .....	25.00	
	<i>For Wood Sheeting Left In Place</i>	-3.70	

**31 41 16 Sheet Piling** <sup>(31 41)</sup>

**31 41 16 13 Steel Sheet Piling** <sup>(31 41 16)</sup>

31 41 16 13-0001	Standard Carbon Grade Steel Sheeting - Pull And Salvage <sup>(31 41 16 13)</sup>		
Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-back (rock bolting) where required and excavation.			

<b>31</b>	<b>31 Earthwork</b>
	<b>31 40 Shoring and Underpinning</b>
	<b>31 41 Shoring</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41 16 13-0002 TON Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage.....	2,146.39	
For Standard Sheeting Left In Place, Add	1,254.57	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,208.93	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	
31 41 16 13-0003 TON Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage.....	2,231.29	
For Standard Sheeting Left In Place, Add	1,212.12	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	1,166.48	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	
31 41 16 13-0004 TON Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	2,626.00	
For Standard Sheeting Left In Place, Add	1,014.76	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	969.12	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	
31 41 16 13-0005 TON Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,005.82	
For Standard Sheeting Left In Place, Add	824.85	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	779.21	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	
31 41 16 13-0006 TON Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,229.24	
For Standard Sheeting Left In Place, Add	713.14	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	667.50	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	
31 41 16 13-0007 TON Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,457.12	
For Standard Sheeting Left In Place, Add	599.20	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add	553.56	
For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add	102.70	
For High Strength Sheeting 55,000 PSI Grade, Add	114.11	
For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add	353.73	
For Each Additional Month >3 Months, Add	57.05	

**31 43 Concrete Raising** (31 40)

**31 43 13 Pressure Grouting** (31 43)

**31 43 13 16 Polyurethane Pressure Grouting** (31 43 13)

**31 43 13 16-0001 PolyLift™ Concrete Injection For Lifting And Leveling** (31 43 13 16)

31 43 13 16-0002 EA Mobilization PolyLift™ Concrete Lifting And Leveling Minimum Charge.....	3,448.37
31 43 13 16-0003 LB Up To 1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling.....	31.85
Note: Per pound of material.	
31 43 13 16-0004 LB >1,000 Lb. PolyLift™ Concrete Injection For Lifting And Leveling .....	26.68
Note: Per pound of material.	

**31 45 Vibroflotation and Densification** (31 40)

**31 45 13 Vibroflotation** (31 45)

31 45 13 00-0001 LCY Soil Stabilization, Vibroflotation.....	17.82
--	-------

**END OF SECTION 31**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 32 Exterior Improvements

### 32 01 Operation and Maintenance of Exterior Improvements <sup>(32)</sup>

#### 32 01 11 Paving Cleaning <sup>(32 01)</sup>

##### 32 01 11 53 Paint Removal from Paving <sup>(32 01 11)</sup>

##### 32 01 11 53-0001 Remove Painted Or Epoxy Pavement Markings <sup>(32 01 11 53)</sup>

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF Removal Of 4" Wide Painted Or Epoxy Pavement Striping .....	2.61	
	For Up To 250, Add	1.31	
	For >250 To 1,000, Add	0.65	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 25,000, Deduct	-0.65	
	For >25,000 To 50,000, Deduct	-0.91	
	For >50,000, Deduct	-1.04	
32 01 11 53-0003	LF Removal Of 6" Wide Painted Or Epoxy Pavement Striping .....	3.14	
	For Up To 250, Add	1.57	
	For >250 To 1,000, Add	0.79	
	For >5,000 To 10,000, Deduct	-0.47	
	For >10,000 To 25,000, Deduct	-0.79	
	For >25,000 To 50,000, Deduct	-1.10	
	For >50,000, Deduct	-1.26	
32 01 11 53-0004	LF Removal Of 8" Wide Painted Or Epoxy Pavement Striping .....	3.76	
	For Up To 250, Add	1.88	
	For >250 To 1,000, Add	0.94	
	For >5,000 To 10,000, Deduct	-0.56	
	For >10,000 To 25,000, Deduct	-0.94	
	For >25,000 To 50,000, Deduct	-1.32	
	For >50,000, Deduct	-1.50	
32 01 11 53-0005	LF Removal Of 12" Wide Painted Or Epoxy Pavement Striping .....	4.51	
	For Up To 250, Add	2.26	
	For >250 To 1,000, Add	1.13	
	For >5,000 To 10,000, Deduct	-0.68	
	For >10,000 To 25,000, Deduct	-1.13	
	For >25,000 To 50,000, Deduct	-1.58	
	For >50,000, Deduct	-1.80	
32 01 11 53-0006	SF Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols .....	4.51	
	For Up To 250, Add	2.26	
	For >250 To 1,000, Add	1.13	
	For >5,000 To 10,000, Deduct	-0.68	
	For >10,000 To 25,000, Deduct	-1.13	
	For >25,000 To 50,000, Deduct	-1.58	
	For >50,000, Deduct	-1.80	
32 01 11 53-0007	LF Removal Of 4" Wide Thermoplastic Pavement Striping .....	3.37	
	For Up To 250, Add	1.69	
	For >250 To 1,000, Add	0.84	
	For >5,000 To 10,000, Deduct	-0.51	
	For >10,000 To 25,000, Deduct	-0.84	
	For >25,000 To 50,000, Deduct	-1.18	
	For >50,000, Deduct	-1.35	
32 01 11 53-0008	LF Removal Of 6" Wide Thermoplastic Pavement Striping .....	3.97	
	For Up To 250, Add	1.99	
	For >250 To 1,000, Add	0.99	
	For >5,000 To 10,000, Deduct	-0.60	
	For >10,000 To 25,000, Deduct	-0.99	
	For >25,000 To 50,000, Deduct	-1.39	
	For >50,000, Deduct	-1.59	
32 01 11 53-0009	LF Removal Of 8" Wide Thermoplastic Pavement Striping .....	4.80	
	For Up To 250, Add	2.40	
	For >250 To 1,000, Add	1.20	
	For >5,000 To 10,000, Deduct	-0.72	
	For >10,000 To 25,000, Deduct	-1.20	
	For >25,000 To 50,000, Deduct	-1.68	
	For >50,000, Deduct	-1.92	
32 01 11 53-0010	LF Removal Of 12" Wide Thermoplastic Pavement Striping .....	5.74	
	For Up To 250, Add	2.87	
	For >250 To 1,000, Add	1.44	
	For >5,000 To 10,000, Deduct	-0.86	
	For >10,000 To 25,000, Deduct	-1.44	
	For >25,000 To 50,000, Deduct	-2.01	
	For >50,000, Deduct	-2.30	
32 01 11 53-0011	SF Removal Of Thermoplastic Pavement Marking, Letters Or Symbols .....	5.74	
	For Up To 250, Add	2.87	
	For >250 To 1,000, Add	1.44	
	For >5,000 To 10,000, Deduct	-0.86	
	For >10,000 To 25,000, Deduct	-1.44	
	For >25,000 To 50,000, Deduct	-2.01	
	For >50,000, Deduct	-2.30	

#### 32 01 13 Flexible Paving Surface Treatment <sup>(32 01)</sup>



**32 Exterior Improvements****32 01 Operation and Maintenance of Exterior Improvements****32 01 13 Flexible Paving Surface Treatment**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**32 01 13 61 Slurry Seal (Latex Modified)** (32 01 13)**32 01 13 61-0001 Asphalt Seal Coating, For Roads And Parking Lot** (32 01 13 61)

Note: Includes sweeping and cleaning of area.

32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge .....	879.75
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.71
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.33
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.39
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.49
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.42
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.31
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.37
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.47
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.18
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	3.97
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	3.77
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	3.59
		Note: 1/4" thick, 14 to 18 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.27
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.33
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.43
		For Each 0.5% Of Latex Addition, Add	0.45
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	5.97
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.34
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.40
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.50
		For Each 0.5% Of Latex Addition, Add	0.73
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	5.65
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.32
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.38
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.48
		For Each 0.5% Of Latex Addition, Add	0.73
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	5.39
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.31
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.37
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.47
		For Each 0.5% Of Latex Addition, Add	0.73
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	5.17
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.30
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.36
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.46
		For Each 0.5% Of Latex Addition, Add	0.73
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	4.96
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.29
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.35
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.45
		For Each 0.5% Of Latex Addition, Add	0.73
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat.....	4.76
		Note: 3/8" thick, 25 to 30 Lb/SY.	
		For Tire Rubber Modified Slurry Seal (TRMSS), Add	0.28
		For Rubberized Emulsion Aggregate Slurry (REAS), Add	0.34
		For Rubberized Polymer Modified Emulsion (RPME), Add	0.44
		For Each 0.5% Of Latex Addition, Add	0.73

**32 01 13 62 Asphalt Surface Treatment** (32 01 13)**32 01 13 62-0001 Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing)** (32 01 13 62)

Note: Use a blend of emulsified quickset polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 62-0002 SY Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	10.71	
32 01 13 62-0003 SY Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	10.21	
32 01 13 62-0004 SY >500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	9.78	
32 01 13 62-0005 SY >1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	9.41	
32 01 13 62-0006 SY >5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	9.07	
32 01 13 62-0007 SY >10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.78	
32 01 13 62-0008 SY >20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.57	
32 01 13 62-0009 SY >50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.46	

### 32 01 16 Flexible Paving Rehabilitation (32 01)

#### 32 01 16 71 Cold Milling Asphalt Pavement (32 01 16)

##### 32 01 16 71-0001 Removal Of Asphalt Surface Course (32 01 16 71)

Note: Includes direct loading into truck.

##### 32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas (32 01 16 71-0001)

Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.

32 01 16 71-0003 SY Up To 3" Depth, Production Cold Milling Of Asphalt.....	4.43	
For Up To 2,500, Add	3.32	
For >2,500 To 5,000, Add	1.11	
For >10,000 To 25,000, Deduct	-0.78	
For >25,000, Deduct	-1.11	
32 01 16 71-0004 SY >3" To 6" Depth, Production Cold Milling Of Asphalt.....	5.60	
For Up To 2,500, Add	4.20	
For >2,500 To 5,000, Add	1.40	
For >10,000 To 25,000, Deduct	-0.98	
For >25,000, Deduct	-1.40	
32 01 16 71-0005 SY >6" To 12" Depth, Production Cold Milling Of Asphalt.....	7.45	
For Up To 2,500, Add	5.59	
For >2,500 To 5,000, Add	1.86	
For >10,000 To 25,000, Deduct	-1.30	
For >25,000, Deduct	-1.86	

##### 32 01 16 71-0006 Limited Production Cold Milling (32 01 16 71-0001)

Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.

32 01 16 71-0007 SY Up To 3" Depth, Limited Cold Milling Of Asphalt.....	29.49	
For >100 To 1,000, Deduct	-14.75	
For >1,000, Deduct	-22.12	
32 01 16 71-0008 SY >3" To 6" Depth, Limited Cold Milling Of Asphalt.....	39.06	
For >100 To 1,000, Deduct	-19.53	
For >1,000, Deduct	-29.30	
32 01 16 71-0009 SY >6" To 12" Depth, Limited Cold Milling Of Asphalt.....	52.02	
For >100 To 1,000, Deduct	-26.01	
For >1,000, Deduct	-39.02	

##### 32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings (32 01 16 71)

Note: For use as subbase material, includes spreading and rolling.

32 01 16 71-0011 SY Grind, Leave In-Place As Subbase Course, 6-9" Depth.....	8.12	
--	------	--

#### 32 01 16 74 In Place Hot Reused Asphalt Paving (32 01 16)

##### 32 01 16 74-0001 Rejuvenate And Respread Asphalt Pavement (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0002 SY Removal, Rejuvenation, And Respreading Of Up To 4" Deep, Asphalt Grindings.....	13.82	
32 01 16 74-0003 SY Removal, Rejuvenation, And Respreading Of >4" To 6" Deep, Asphalt Grindings.....	20.51	

##### 32 01 16 74-0004 Reclamation, Pulverize And Blending With Existing (32 01 16 74)

Note: Includes direct loading into truck.

32 01 16 74-0005 SY Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	15.88	
32 01 16 74-0006 SY Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	7.94	
32 01 16 74-0007 SY Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.97	
32 01 16 74-0008 SY Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.76	
32 01 16 74-0009 SY >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.33	
32 01 16 74-0010 SY >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	17.34	
32 01 16 74-0011 SY >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	8.67	
32 01 16 74-0012 SY >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.08	

**32 Exterior Improvements****32 01 Operation and Maintenance of Exterior Improvements****32 01 16 Flexible Paving Rehabilitation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 16 74-0013	SY		>3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	19.07	
32 01 16 74-0014	SY		>3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	9.53	
32 01 16 74-0015	SY		>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.76	
32 01 16 74-0016	SY		>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.40	
32 01 16 74-0017	SY		>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	20.80	
32 01 16 74-0018	SY		>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	10.40	
32 01 16 74-0019	SY		>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	5.20	
32 01 16 74-0020	SY		>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.84	
32 01 16 74-0021	EA		Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew.....	1,787.37	

**32 01 17 Flexible Paving Repair** (32 01)

See CSI section 32 12 16 00-0000 for large area resurfacing.

**32 01 17 61 Sealing Cracks in Asphalt Paving** (32 01 17)

Note: Includes removing loose materials and cleaning.

**32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair** (32 01 17 61)

Note: Includes removing loose materials and cleaning.

32 01 17 61-0002	LF		Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.81	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.54	
			For 1" x 1/2" Fill, Add	1.02	
			For Backer Rod, Add	1.19	
32 01 17 61-0003	LF		>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.47	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.44	
			For 1" x 1/2" Fill, Add	0.85	
			For Backer Rod, Add	1.07	
32 01 17 61-0004	LF		>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.18	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.36	
			For 1" x 1/2" Fill, Add	0.69	
			For Backer Rod, Add	0.96	
32 01 17 61-0005	LF		>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.02	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.32	
			For 1" x 1/2" Fill, Add	0.61	
			For Backer Rod, Add	0.90	
32 01 17 61-0006	LF		>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.91	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.28	
			For 1" x 1/2" Fill, Add	0.54	
			For Backer Rod, Add	0.85	
32 01 17 61-0007	LF		>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.84	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.26	
			For 1" x 1/2" Fill, Add	0.50	
			For Backer Rod, Add	0.81	
32 01 17 61-0008	LF		For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.62	

**32 01 17 63 Flexible Pavement Repair** (32 01 17)**32 01 17 63-0001 Temporary Pot Hole Repair** (32 01 17 63)

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 01 17 63-0002	EA		Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons.....	1,734.09	
32 01 17 63-0003	TON		Temporary Pot Hole Repairs With Cold Mix Modified.....	520.02	
			Note: Use for each ton over 3 tons.		
32 01 17 63-0004	EA		Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,672.58	
32 01 17 63-0005	TON		Temporary Pot Hole Repairs With Cold Mix.....	499.51	
			Note: Use for each ton over 3 tons.		
32 01 17 63-0006	EA		Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,641.82	
32 01 17 63-0007	TON		Temporary Pot Hole Repairs With Hot Mix Modified.....	489.26	
			Note: Use for each ton over 3 tons.		
32 01 17 63-0008	EA		Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons.....	1,611.06	
32 01 17 63-0009	TON		Temporary Pot Hole Repairs With Hot Mix.....	479.01	
			Note: Use for each ton over 3 tons.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>32 01 17 63-0010</b>		<b>Asphalt Placement For Small Repairs</b> <small>(32 01 17 63)</small>			
<small>Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0051 for saw cutting, 32 12 00 00-0000 for areas requiring more than 100 tons, 32 12 16 00-0000 for areas requiring more than 100 tons.</small>					
32 01 17 63-0011	EA	Asphalt Placement For Small Repair Areas, Cold Mix Modified, Up To 3 Tons.....		2,457.27	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0012	TON	Asphalt Placement For Small Repair Areas, Cold Mix Modified .....		313.24	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0013	EA	Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons .....		2,395.76	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0014	TON	Asphalt Placement For Small Repair Areas, Cold Mix.....		292.73	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0015	EA	Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons .....		2,365.00	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0016	TON	Asphalt Placement For Small Repair Areas, Hot Mix Modified .....		282.48	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0017	EA	Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons .....		2,334.24	
<small>Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					
32 01 17 63-0018	TON	Asphalt Placement For Small Repair Areas, Hot Mix.....		272.23	
<small>Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.</small>					

### 32 01 26 Rigid Paving Rehabilitation (32 01)

#### 32 01 26 71 Grooving of Concrete Paving (32 01 26)

<b>32 01 26 71-0001</b>		<b>Roadway Grooving</b> <small>(32 01 26 71)</small>			
32 01 26 71-0002	EA	First 500 SY Of Pavement Grooving, Concrete, Longitudinal .....		4,075.19	
32 01 26 71-0003	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal .....		3.78	
32 01 26 71-0004	EA	First 500 SY Of Pavement Grooving, Concrete, Traverse .....		4,539.90	
32 01 26 71-0005	SY	Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse .....		4.92	
<b>32 01 26 71-0006</b>		<b>Rumble Strips</b> <small>(32 01 26 71)</small>			
32 01 26 71-0007	EA	First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....		5,057.69	
32 01 26 71-0008	LF	Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....		0.92	
32 01 26 71-0009	EA	First 2,000 LF Of MIARDS, Rumble Strips, Concrete .....		5,636.33	
32 01 26 71-0010	LF	Each LF Over First 2,000 LF Of MIARDS, Rumble Strips, Concrete .....		1.02	

#### 32 01 26 73 Milling Of Concrete Paving (32 01 26)

<b>32 01 26 73-0001</b>		<b>Removal Of Concrete</b> <small>(32 01 26 73)</small>			
<small>Note: Includes direct loading into truck.</small>					
<b>32 01 26 73-0002</b>		<b>Production Milling Of Roads And Parking Areas</b> <small>(32 01 26 73-0001)</small>			
<small>Note: For removal of entire lanes of roads or parking areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.</small>					
32 01 26 73-0003	SY	Production Milling Of Concrete Per Inch .....		7.06	
<b>32 01 26 73-0004</b>		<b>Limited Production Milling</b> <small>(32 01 26 73-0001)</small>			
<small>Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around manholes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0064 for hauling.</small>					
32 01 26 73-0005	SY	Limited Production Milling Of Concrete Per Inch .....		44.33	

### 32 01 29 Rigid Paving Repair (32 01)

#### 32 01 29 61 Partial Depth Patching of Rigid Paving (32 01 29)

<b>32 01 29 61-0001</b>		<b>Hot Applied Flexible Concrete Repair</b> <small>(32 01 29 61)</small>			
<small>Note: Excludes saw cutting (where required), flagmen.</small>					
32 01 29 61-0002	EA	Hot Applied Flexible Concrete Repair Minimum Charge.....		1,288.69	
<small>Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphalt charge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.</small>					
32 01 29 61-0003	SF	Up To 2" Depth, Hot Applied Flexible Concrete Repair .....		71.03	
				-7.10	
<small>For &gt;25 SF Quantity, Deduct</small>					

**32 Exterior Improvements****32 01 Operation and Maintenance of Exterior Improvements****32 01 29 Rigid Paving Repair**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 01 29 61-0004	SF	>2" To 4" Depth, Hot Applied Flexible Concrete Repair	133.33	
		<i>For &gt;25 SF Quantity, Deduct</i>	-13.33	
32 01 29 61-0005	SF	>4" To 6" Depth, Hot Applied Flexible Concrete Repair	195.04	
		<i>For &gt;25 SF Quantity, Deduct</i>	-19.50	
32 01 29 61-0006	SF	>6" To 8" Depth, Hot Applied Flexible Concrete Repair	256.74	
		<i>For &gt;25 SF Quantity, Deduct</i>	-25.67	
32 01 29 61-0007	SF	>8" To 10" Depth, Hot Applied Flexible Concrete Repair	318.45	
		<i>For &gt;25 SF Quantity, Deduct</i>	-31.85	
32 01 29 61-0008	CF	>10" Depth, Hot Applied Flexible Concrete Repair	379.59	

**32 01 29 61-0009 Cold Applied Flexible Concrete Repair (32 01 29 61)**

32 01 29 61-0010	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	7.02	
32 01 29 61-0011	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	10.08	
32 01 29 61-0012	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	13.26	
32 01 29 61-0013	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	16.57	
32 01 29 61-0014	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water)	23.62	
32 01 29 61-0015	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	7.11	
32 01 29 61-0016	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	10.17	
32 01 29 61-0017	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	13.35	
32 01 29 61-0018	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	16.66	
32 01 29 61-0019	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R)	23.71	
32 01 29 61-0020	SF	1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	7.06	
32 01 29 61-0021	SF	1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	10.13	
32 01 29 61-0022	SF	1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	13.30	
32 01 29 61-0023	SF	3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	16.61	
32 01 29 61-0024	SF	1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R)	23.66	

**32 01 30 Operation and Maintenance of Site Improvements (32 01)****32 01 30 13 Snow Removal (32 01 30)****32 01 30 13-0001 Snow Removal (32 01 30 13)**

32 01 30 13-0002	MSF	Up To 4" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	6.23	
		<i>For &lt;5, Add 1.25</i>		
		<i>For &gt;25 To 50, Deduct</i>	-0.47	
		<i>For &gt;50, Deduct</i>	-0.78	
32 01 30 13-0003	MSF	>4" To 10" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	8.39	
		<i>For &lt;5, Add 1.68</i>		
		<i>For &gt;25 To 50, Deduct</i>	-0.63	
		<i>For &gt;50, Deduct</i>	-1.05	
32 01 30 13-0004	MSF	>10" To 15" Depth Snow Plowing, Parking Lot And Drives, Pick-up Truck With Plow	14.49	
		<i>For &lt;5, Add 2.90</i>		
		<i>For &gt;25 To 50, Deduct</i>	-1.09	
		<i>For &gt;50, Deduct</i>	-1.81	
32 01 30 13-0005	MSF	Up To 4" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	4.33	
		<i>For &gt;50 To 100, Deduct</i>	-0.43	
		<i>For &gt;100 To 500, Deduct</i>	-0.76	
		<i>For &gt;500, Deduct</i>	-1.08	
32 01 30 13-0006	MSF	>4 To 10" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	8.39	
		<i>For &gt;50 To 100, Deduct</i>	-0.84	
		<i>For &gt;100 To 500, Deduct</i>	-1.47	
		<i>For &gt;500, Deduct</i>	-2.10	
32 01 30 13-0007	MSF	>10 To 15" Depth Snow Plowing, Roadway, 12 Ton Plow Truck	14.49	
		<i>For &gt;50 To 100, Deduct</i>	-1.45	
		<i>For &gt;100 To 500, Deduct</i>	-2.54	
		<i>For &gt;500, Deduct</i>	-3.62	
32 01 30 13-0008	SF	Removal Of Up To 2" Snow From Sidewalk And Drives, By Hand	0.87	
32 01 30 13-0009	SF	Removal Of >2" To 4" Snow From Sidewalk And Drives, By Hand	1.06	
32 01 30 13-0010	SF	Removal Of >4" To 6" Snow From Sidewalk And Drives, By Hand	1.28	
32 01 30 13-0011	CF	Removal Of >6" Snow From Sidewalk And Drives, By Hand	1.69	
32 01 30 13-0012	CF	Removal Of Snow From Sidewalk And Drives, By 24" Wide Power Blower	0.11	
32 01 30 13-0013	CY	Snow Removal, Load And Haul, 1 Mile Round Trip	13.68	
32 01 30 13-0014	CY	Snow Removal, Load And Haul, 2 Mile Round Trip	17.78	
32 01 30 13-0015	CY	Snow Removal, Load And Haul, 3 Mile Round Trip	20.91	
32 01 30 13-0016	CY	Snow Removal, Load And Haul, 4 Mile Round Trip	24.03	
32 01 30 13-0017	CY	Snow Removal, Load And Haul, 5 Mile Round Trip	25.99	
32 01 30 13-0018	CY	Snow Removal, Clearing, 1 CY, With Wheeled Skid Steer Loader	4.84	
32 01 30 13-0019	MSF	Spread Sand And Salt Mix On Parking Lot And Drives	16.48	
		<i>For &lt;5, Add 0.57</i>		
		<i>For &gt;25 To 50, Deduct</i>	-0.21	
		<i>For &gt;50, Deduct</i>	-0.36	
32 01 30 13-0020	MSF	Spread Sand And Salt Mix On Roadway	15.66	
		<i>For &gt;50 To 100, Deduct</i>	-0.20	
		<i>For &gt;100 To 500, Deduct</i>	-0.36	
		<i>For &gt;500, Deduct</i>	-0.51	

**32 01 30 13-0021 De-Ice Walks (32 01 30 13)**

32 01 30 13-0022	CSF	De-Ice Walks, With Rock Salt, By Hand	11.48	
32 01 30 13-0023	CSF	De-Ice Sidewalks And Drives, With Rock Salt, By Rotary Spreader	10.96	
32 01 30 13-0024	MSF	De-Ice Parking Lots And Roadway With Rock Salt, By Rotary Spreader	103.10	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

32 01 30 13-0025	CSF De-Ice Walks, With Calcium Chloride, 1.9 Lb./CSF, By Hand .....	30.56
32 01 30 13-0026	CSF De-Ice Sidewalks And Drives With Calcium Chloride, 1.9 Lb./CSF, By Rotary Spreader .....	30.04
32 01 30 13-0027	MSF De-Ice Parking Lots And Roadways With Calcium Chloride, 19 Lb./MSF, By Rotary Spreader .....	293.88

### 32 01 90 Operation and Maintenance of Planting (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

#### 32 01 90 13 Fertilizing (32 01 90)

32 01 90 13-0001	MSF Fertilizer - 2 Lb. Of Nitrogen/MSF (Granular) .....	17.44
32 01 90 13-0002	MSF Fertilizer - 2 Lb. Of Nitrogen/MSF (Liquid) .....	13.07
32 01 90 13-0003	MSF Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Granular) .....	14.21
32 01 90 13-0004	MSF Fertilizer - 0.5 Lb. Of Nitrogen/MSF (Liquid) .....	11.76

#### 32 01 90 19 Mowing (32 01 90)

32 01 90 19-0001	ACR Vegetation Cutting By Bush Hog .....	216.06
	Note: Includes normal debris removal, cutting, and trimming. For <1 Acre, Add	54.02
32 01 90 19-0002	CLF Power Edging, At Walks .....	9.83
32 01 90 19-0003	CLF Power Edging, At Planting, Mulch Or Stone Beds .....	35.98
32 01 90 19-0004	LF Edge Trimming With Weed Whacker .....	0.12
32 01 90 19-0005	MSF Mowing Lawns With Push Mower, Up To 5,000 SF .....	14.72
32 01 90 19-0006	MSF Mowing Lawns With Push Mower, >5,000 To 20,000 SF .....	12.40
32 01 90 19-0007	MSF Mowing Lawns With Riding Mower, >20,000 To 45,000 SF .....	7.34
32 01 90 19-0008	MSF Mowing Lawns With Riding Mower, >45,000 SF .....	5.69

#### 32 01 90 23 Pruning (32 01 90)

##### 32 01 90 23-0001 Tree Pruning (32 01 90 23)

Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture) 1. CROWN CLEANING - Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown. 2. CROWN THINNING - Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch. 3. CROWN RAISING - Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown. 4. CROWN REDUCTION - Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made. 5. CROWN RESTORATION - Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several prunings over a number of years. Includes loading onto truck or dumpster.

32 01 90 23-0002	EA Tree Pruning, 2" Caliper, Crown Thinning, Class I Trees, Light Pruning .....	24.77
	For Class II Trees, Add	8.25
	For Class III Trees, Add	12.39
	For Crown Reduction, Add	16.51
32 01 90 23-0003	EA Tree Pruning, 2" To 4" Caliper Crown Thinning, Class I Trees, Light Pruning .....	33.04
	For Class II Trees, Add	11.00
	For Class III Trees, Add	16.52
	For Crown Reduction, Add	22.03
32 01 90 23-0004	EA Tree Pruning, 4" To 6" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	74.31
	For Class II Trees, Add	24.75
	For Class III Trees, Add	37.16
	For Crown Reduction, Add	49.54
32 01 90 23-0005	EA Tree Pruning, 6" To 9" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	99.08
	For Class II Trees, Add	32.99
	For Class III Trees, Add	49.54
	For Crown Reduction, Add	66.06
	For Crown Clean Pruning, Deduct	-16.52
	For Crown Restoration, Deduct	-24.77
32 01 90 23-0006	EA Tree Pruning, 9" - 12" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	148.62
	For Class II Trees, Add	49.49
	For Class III Trees, Add	74.31
	For Crown Reduction, Add	99.08
	For Crown Clean Pruning, Deduct	-24.77
	For Crown Restoration, Deduct	-37.16
	For Medium Trimming, Add	24.77
	For Heavy Trimming, Add	49.49

**32 Exterior Improvements****32 01 Operation and Maintenance of Exterior Improvements****32 01 90 Operation and Maintenance of Planting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0007 EA Tree Pruning, 12" - 18" Caliper By Hand Crown Thinning, Class I Trees, Light Pruning .....	195.58	
For Class II Trees, Add	65.13	
For Class III Trees, Add	97.79	
For Crown Reduction, Add	130.39	
For Crown Clean Pruning, Deduct	-32.60	
For Crown Restoration, Deduct	-48.90	
For Medium Trimming, Add	32.60	
For Heavy Trimming, Add	65.13	
32 01 90 23-0008 EA Tree Pruning, 12" - 18" Caliper By Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning .....	229.29	
For Class II Trees, Add	76.35	
For Class III Trees, Add	114.65	
For Crown Reduction, Add	152.87	
For Crown Clean Pruning, Deduct	-38.22	
For Crown Restoration, Deduct	-57.32	
For Medium Trimming, Add	38.22	
For Heavy Trimming, Add	76.35	
32 01 90 23-0009 EA Tree Pruning, 18" - 24" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	260.76	
For Class II Trees, Add	86.83	
For Class III Trees, Add	130.38	
For Crown Reduction, Add	173.85	
For Crown Clean Pruning, Deduct	-43.47	
For Crown Restoration, Deduct	-65.19	
For Medium Trimming, Add	43.47	
For Heavy Trimming, Add	86.83	
32 01 90 23-0010 EA Tree Pruning, 18" - 24" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning .....	229.29	
For Class II Trees, Add	76.35	
For Class III Trees, Add	114.65	
For Crown Reduction, Add	152.87	
For Crown Clean Pruning, Deduct	-38.22	
For Crown Restoration, Deduct	-57.32	
For Medium Trimming, Add	38.22	
For Heavy Trimming, Add	76.35	
32 01 90 23-0011 EA Tree Pruning, 24" - 30" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	325.97	
For Class II Trees, Add	108.55	
For Class III Trees, Add	162.99	
For Crown Reduction, Add	217.32	
For Crown Clean Pruning, Deduct	-54.34	
For Crown Restoration, Deduct	-81.49	
For Medium Trimming, Add	54.34	
For Heavy Trimming, Add	108.55	
32 01 90 23-0012 EA Tree Pruning, 24" - 30" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning .....	305.71	
For Class II Trees, Add	101.80	
For Class III Trees, Add	152.86	
For Crown Reduction, Add	203.82	
For Crown Clean Pruning, Deduct	-50.96	
For Crown Restoration, Deduct	-76.43	
For Medium Trimming, Add	50.96	
For Heavy Trimming, Add	101.80	
32 01 90 23-0013 EA Tree Pruning, 30" - 36" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning .....	391.14	
For Class II Trees, Add	130.25	
For Class III Trees, Add	195.57	
For Crown Reduction, Add	260.77	
For Crown Clean Pruning, Deduct	-65.20	
For Crown Restoration, Deduct	-97.79	
For Medium Trimming, Add	65.20	
For Heavy Trimming, Add	130.25	
32 01 90 23-0014 EA Tree Pruning, 30" - 36" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning .....	382.14	
For Class II Trees, Add	127.25	
For Class III Trees, Add	191.07	
For Crown Reduction, Add	254.77	
For Crown Clean Pruning, Deduct	-63.70	
For Crown Restoration, Deduct	-95.54	
For Medium Trimming, Add	63.70	
For Heavy Trimming, Add	127.25	
32 01 90 23-0015 EA Tree Pruning, >36" Caliper, By Hand Crown Thinning, Class I Trees, Light Pruning.....	456.34	
For Class II Trees, Add	151.96	
For Class III Trees, Add	228.17	
For Crown Reduction, Add	304.24	
For Crown Clean Pruning, Deduct	-76.07	
For Crown Restoration, Deduct	-114.09	
For Medium Trimming, Add	76.07	
For Heavy Trimming, Add	151.96	
32 01 90 23-0016 EA Tree Pruning, >36" Caliper, Aerial Lift Equipment Crown Thinning, Class I Trees, Light Pruning .....	458.57	
For Class II Trees, Add	152.70	
For Class III Trees, Add	229.29	
For Crown Reduction, Add	305.73	
For Crown Clean Pruning, Deduct	-76.44	
For Crown Restoration, Deduct	-114.64	
For Medium Trimming, Add	76.44	
For Heavy Trimming, Add	152.70	
32 01 90 23-0017 EA Tree Bolting by Each Bolt .....	296.33	
32 01 90 23-0018 Shrub Pruning <small>(32 01 90 23)</small>		
32 01 90 23-0019 MSF Shrub Pruning, Prune, Shrub Bed .....	122.59	
32 01 90 23-0020 EA Shrub Pruning, Prune, Shrub Under 3' Height .....	4.31	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 01 90 23-0021 EA Shrub Pruning, Prune, Shrub 4' Height.....	9.68	
32 01 90 23-0022 EA Shrub Pruning, Prune, Shrub Over 6' .....	17.21	
32 01 90 23-0023 EA Shrub Pruning, Prune Trees From Ground .....	43.03	
32 01 90 23-0024 EA Shrub Pruning, Prune Trees From Ground, High Work .....	107.59	
<b>32 01 90 26 Watering (32 01 90)</b>		
Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.		
<b>32 01 90 26-0001 Watering Lawns, Plants And Trees (32 01 90 26)</b>		
Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.		
32 01 90 26-0002 MSF Watering Sod/Grass, Per Inch Of Water .....	46.00	
32 01 90 26-0003 CSF Watering Groundcover.....	7.05	
32 01 90 26-0004 CSF Watering Annuals And Perennials .....	12.41	
32 01 90 26-0005 EA Watering Shrub Or Bush By Hand .....	11.99	
32 01 90 26-0006 EA Watering Trees, 1-1/2" To 5" Diameter By Hand .....	23.83	
32 01 90 26-0007 EA Watering Trees, 6" To 12" Diameter By Hand .....	31.33	
32 01 90 26-0008 EA Watering Trees, 13" To 18" Diameter By Hand .....	38.83	
32 01 90 26-0009 EA Watering Trees, >18" Diameter By Hand .....	47.81	
<b>32 01 90 36 Weed and Brush Control (32 01 90)</b>		
<b>32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied (32 01 90 36)</b>		
32 01 90 36-0002 MSF Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF) .....	9.83	
For >45 To 90, Deduct	-0.53	
For >90 To 225, Deduct	-1.52	
For >225 To 870, Deduct	-2.50	
For >870, Deduct	-3.03	
32 01 90 36-0003 MSF Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF) .....	10.51	
For >45 To 90, Deduct	-0.60	
For >90 To 225, Deduct	-1.65	
For >225 To 870, Deduct	-2.70	
For >870, Deduct	-3.30	
32 01 90 36-0004 MSF Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF) .....	10.46	
Note: Includes pre and post emergent.		
For >45 To 90, Deduct	-0.60	
For >90 To 225, Deduct	-1.64	
For >225 To 870, Deduct	-2.69	
For >870, Deduct	-3.28	
32 01 90 36-0005 MSF Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF) .....	10.88	
Note: Includes pre and post emergent.		
For >45 To 90, Deduct	-0.64	
For >90 To 225, Deduct	-1.73	
For >225 To 870, Deduct	-2.81	
For >870, Deduct	-3.45	
<b>32 01 90 39 Pesticides (32 01 90)</b>		
32 01 90 39-0001 MSF Pesticide - Surface Eating .....	13.52	
32 01 90 39-0002 MSF Pesticide - Subsurface Eating.....	13.56	
32 01 90 39-0003 MSF Pesticide - Fungicide Application .....	14.49	
<b>32 01 90 43 Weed and Cultivate Beds (32 01 90)</b>		
32 01 90 43-0001 MSF Weed Mulched Bed .....	52.87	
32 01 90 43-0002 MSF Weed Unmulched Bed.....	151.07	
32 01 90 43-0003 MSF Cultivate Bed .....	81.34	
<b>32 01 90 46 Hedge Trimming (32 01 90)</b>		
32 01 90 46-0001 LF Trim 0-5' High Hedge, 0-3' Wide.....	6.96	
32 01 90 46-0002 LF Trim 0-5' High Hedge, 4-6' Wide.....	10.44	
32 01 90 46-0003 LF Trim 5-10' High Hedge, 0-3' Wide.....	15.81	
32 01 90 46-0004 LF Trim 5-10' High Hedge, 4-6' Wide.....	16.10	
<b>32 01 90 53 Plant Growth Regulator Application (32 01 90)</b>		
32 01 90 53-0001 EA Plant Growth Regulator Application .....	7.32	
<b>32 01 90 56 Raking (32 01 90)</b>		
<b>32 01 90 56-0001 Raking (32 01 90 56)</b>		
32 01 90 56-0002 MSF Raking Leaves By Hand .....	115.30	
32 01 90 56-0003 MSF Raking Leaves By Power Blower.....	20.80	
32 01 90 56-0004 MSF Raking Grass Clippings By Hand.....	115.30	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 01 90 Operation and Maintenance of Planting**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**32 10 Bases, Ballasts, and Paving** <sup>(32)</sup>**32 11 Base Courses** <sup>(32 10)</sup>**32 11 16 Subbase Courses** <sup>(32 11)</sup>**32 11 16 16 Aggregate Subbase Courses** <sup>(32 11 16)</sup>**32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas** <sup>(32 11 16 16)</sup>

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

**32 11 16 16-0002 Base And Subbase Courses By The CY** <sup>(32 11 16 16-0001)</sup>

32 11 16 16-0003	CY	Graded Crushed Aggregate Roadway Base Course .....	115.87
		<i>For Limestone, Deduct</i>	-10.78

**32 11 16 16-0004 Base And Subbase Courses For Roadways And Parking Areas By The SY**

32 11 16 16-0005	SY	2" Crushed Aggregate Base Course For Roadways And Parking Areas .....	5.36
		<i>For Limestone, Deduct</i>	-0.39
		<i>For Up To 500, Add</i>	1.39
		<i>For &gt;500 To 1,000, Add</i>	0.54
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.20
		<i>For &gt;10,000, Deduct</i>	-0.35
32 11 16 16-0006	SY	4" Crushed Aggregate Base Course For Roadways And Parking Areas .....	9.99
		<i>For Limestone, Deduct</i>	-0.66
		<i>For Up To 500, Add</i>	2.64
		<i>For &gt;500 To 1,000, Add</i>	1.00
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.38
		<i>For &gt;10,000, Deduct</i>	-0.65
32 11 16 16-0007	SY	6" Crushed Aggregate Base Course For Roadways And Parking Areas .....	15.72
		<i>For Limestone, Deduct</i>	-1.12
		<i>For Up To 500, Add</i>	4.10
		<i>For &gt;500 To 1,000, Add</i>	1.57
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.60
		<i>For &gt;10,000, Deduct</i>	-1.02
32 11 16 16-0008	SY	9" Crushed Aggregate Base Course For Roadways And Parking Areas .....	22.82
		<i>For Limestone, Deduct</i>	-1.54
		<i>For Up To 500, Add</i>	6.00
		<i>For &gt;500 To 1,000, Add</i>	2.28
		<i>For &gt;5,000 To 10,000, Deduct</i>	-0.87
		<i>For &gt;10,000, Deduct</i>	-1.48
32 11 16 16-0009	SY	12" Crushed Aggregate Base Course For Roadways And Parking Areas .....	27.92
		<i>For Limestone, Deduct</i>	-2.33
		<i>For Up To 500, Add</i>	7.09
		<i>For &gt;500 To 1,000, Add</i>	2.79
		<i>For &gt;5,000 To 10,000, Deduct</i>	-1.06
		<i>For &gt;10,000, Deduct</i>	-1.81

**32 11 23 Aggregate Base Courses** <sup>(32 11)</sup>**32 11 23 16 Aggregate Base Courses** <sup>(32 11 23)</sup>**32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete)** <sup>(32 11 23 16)</sup>

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 11 23 16-0002	SF	2" Crushed Aggregate Base Course For Sidewalks .....	0.74
		<i>For Up To 1,000, Add</i>	0.20
		<i>For &gt;1,000 To 2,500, Add</i>	0.07
32 11 23 16-0003	SF	3" Crushed Aggregate Base Course For Sidewalks .....	1.04
		<i>For Up To 1,000, Add</i>	0.29
		<i>For &gt;1,000 To 2,500, Add</i>	0.10
32 11 23 16-0004	SF	4" Crushed Aggregate Base Course For Sidewalks .....	1.34
		<i>For Up To 1,000, Add</i>	0.37
		<i>For &gt;1,000 To 2,500, Add</i>	0.13
32 11 23 16-0005	SF	5" Crushed Aggregate Base Course For Sidewalks .....	1.74
		<i>For Up To 1,000, Add</i>	0.48
		<i>For &gt;1,000 To 2,500, Add</i>	0.17
32 11 23 16-0006	SF	6" Crushed Aggregate Base Course For Sidewalks .....	2.15
		<i>For Up To 1,000, Add</i>	0.59
		<i>For &gt;1,000 To 2,500, Add</i>	0.22
32 11 23 16-0007	SF	7" Crushed Aggregate Base Course For Sidewalks .....	2.48
		<i>For Up To 1,000, Add</i>	0.68
		<i>For &gt;1,000 To 2,500, Add</i>	0.25
32 11 23 16-0008	SF	8" Crushed Aggregate Base Course For Sidewalks .....	2.80
		<i>For Up To 1,000, Add</i>	0.77
		<i>For &gt;1,000 To 2,500, Add</i>	0.28

**32 11 26 Asphaltic Base Courses** <sup>(32 11)</sup>**32 11 26 19 Bituminous-Stabilized Base Courses** <sup>(32 11 26)</sup>**32 11 26 19-0001 Bituminous-Stabilized Base Courses** <sup>(32 11 26 19)</sup>



<b>Exterior Improvements</b>		<b>32</b>
<b>Bases, Ballasts, and Paving</b>		<b>32 10</b>
<b>Base Courses</b>		<b>32 11</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 11 26	19-0002	CY	Bituminous Stabilized Base Course..... Note: 3/4" ASTM C33.	92.22	
<b>32 12 Flexible Paving</b> <small>(32 10)</small>					
<b>32 12 13 Preparatory Coats</b> <small>(32 12)</small>					
<b>32 12 13 13 Tack Coats</b> <small>(32 12 13)</small>					
32 12 13 13-0001	SY		Tack Coat, 0.04 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	0.64 0.12 0.06 0.03 -0.02 -0.04	
32 12 13 13-0002	SY		Tack Coat, 0.05 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	0.71 0.14 0.07 0.04 -0.02 -0.04	
32 12 13 13-0003	SY		Tack Coat, 0.07 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	0.84 0.17 0.08 0.04 -0.02 -0.05	
32 12 13 13-0004	SY		Tack Coat, 0.08 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	0.91 0.19 0.09 0.05 -0.02 -0.06	
32 12 13 13-0005	SY		Tack Coat, 0.10 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	1.05 0.23 0.11 0.05 -0.03 -0.07	
32 12 13 13-0006	SY		Tack Coat, 0.11 Gallon/SY ..... <i>For Up To 150, Add</i> <i>For &gt;150 To 300, Add</i> <i>For &gt;300 To 500, Add</i> <i>For &gt;3,500 To 5,000, Deduct</i> <i>For &gt;5,000, Deduct</i>	1.11 0.24 0.11 0.06 -0.03 -0.07	
<b>32 12 16 Asphalt Paving</b> <small>(32 12)</small>					
<b>32 12 16 13 Plant-Mix Asphalt Paving</b> <small>(32 12 16)</small>					
Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0064 for hauling greater than 15 miles, 32 12 13 13-0000 for tack coats.					
32 12 16 13-0001			<b>Minimum Charge For Asphalt Placement</b> <small>(32 12 16 13)</small> Note: Excludes mobilization.		
32 12 16 13-0002	EA		Asphalt Placement Minimum Charge..... Note: Use this task exclusively for projects where the total asphalt placement charge is less than the minimum charge. This task is applicable for asphalt placed by paver/screed and not when asphalt is placed by hand. This task cannot be used in conjunction with any other bituminous paving tasks.	3,567.00	
<b>32 12 16 39 Paving Fabrics</b> <small>(32 12 16)</small>					
See CSI section 31 32 19 16-0000 for geotextile fabric.					
32 12 16 39-0001			<b>Geotextile Paving Fabrics</b> <small>(32 12 16 39)</small>		
32 12 16 39-0002	SY		3.6 Ounce/SY, 90 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)..... <i>For Up To 50, Add</i> <i>For &gt;50 To 150, Add</i> <i>For &gt;150 To 250, Add</i> <i>For &gt;250 To 500, Add</i>	1.98 0.45 0.33 0.22 0.11	
32 12 16 39-0003	SY		4.1 Ounce/SY, 101 Lb. Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42A/O)..... <i>For Up To 50, Add</i> <i>For &gt;50 To 150, Add</i> <i>For &gt;150 To 250, Add</i> <i>For &gt;250 To 500, Add</i>	2.13 0.48 0.35 0.23 0.12	
<b>32 12 16 43 Waterproofing Membranes</b> <small>(32 12 16)</small>					
32 12 16 43-0001			<b>Waterproofing Membranes</b> <small>(32 12 16 43)</small>		
32 12 16 43-0002	SY		Up To 500 SY, Preformed Rubberized Asphalt Membrane .....	34.88	
32 12 16 43-0003	SY		>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane.....	25.71	
32 12 16 43-0004	SY		>1,000 SY, Preformed Rubberized Asphalt Membrane.....	15.24	



**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**32 12 36 Seal Coats** (32 12)

See CSI section 32 01 13 62-0000 for slurry seal.

**32 12 36 13 Asphaltic Seal and Fog Coats** (32 12 36)**32 12 36 13-0001****Asphalt Emulsion Seal Coat (Chip Seal)** (32 12 36 13)

Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0047 for fog seal.

**32 12 36 13-0002****Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** (32 12 36 13-0001)

Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.

32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.15
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.66
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.44
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.20
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.07
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.96
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.84
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	3.77
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.57

**32 12 36 13-0011****Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** (32 12 36 13-0001)

Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.

32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.99
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.44
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.17
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.02
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.73
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.54
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.39
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.30
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.71

**32 12 36 13-0020****Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** (32 12 36 13-0001)

Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.73
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.11
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0023	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.80
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0024	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.45
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0025	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.26
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0026	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.01
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0027	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.83
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85
32 12 36 13-0028	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.74
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.85

**32 12 36 13-0029****Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)** (32 12 36 13-0001)

Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.

32 12 36 13-0030	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.80
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.97
32 12 36 13-0031	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.18
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.97
32 12 36 13-0032	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.87
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.97
32 12 36 13-0033	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.54
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.97



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0034 SY >5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.35	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.97</i>	
32 12 36 13-0035 SY >10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.17	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.97</i>	
32 12 36 13-0036 SY >20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.92	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.97</i>	
32 12 36 13-0037 SY >50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.82	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.97</i>	
<b>32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)</b> <sup>(32)</sup>		
<small>12 36 13-0001</small>		
Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0039 SY Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	10.28	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0040 SY >200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	9.48	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0041 SY >500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	9.04	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0042 SY >1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	8.52	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0043 SY >5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	8.24	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0044 SY >10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	7.91	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0045 SY >20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	7.65	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
32 12 36 13-0046 SY >50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	7.53	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.41</i>	
<b>32 12 36 13-0047 Fog Seal, CQS-1h</b> <sup>(32 12 36 13)</sup>		
Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.		
32 12 36 13-0048 SY Up To 200 SY, CQS-1h, Fog Seal.....	1.94	
32 12 36 13-0049 SY >200 To 500 SY, CQS-1h, Fog Seal.....	1.41	
32 12 36 13-0050 SY >500 To 1,000 SY, CQS-1h, Fog Seal.....	1.20	
32 12 36 13-0051 SY >1,000 To 5,000 SY, CQS-1h, Fog Seal.....	1.03	
32 12 36 13-0052 SY >5,000 To 10,000 SY, CQS-1h, Fog Seal.....	0.94	
32 12 36 13-0053 SY >10,000 To 20,000 SY, CQS-1h, Fog Seal.....	0.86	
32 12 36 13-0054 SY >20,000 To 50,000 SY, CQS-1h, Fog Seal.....	0.81	
32 12 36 13-0055 SY >50,000 SY, CQS-1h, Fog Seal.....	0.78	
<b>32 12 36 13-0056 Sand Sealer</b> <sup>(32 12 36 13)</sup>		
Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.		
32 12 36 13-0057 SY Up To 200 SY, Sand Seal.....	2.74	
32 12 36 13-0058 SY >200 To 500 SY, Sand Seal.....	1.84	
32 12 36 13-0059 SY >500 To 1,000 SY, Sand Seal.....	1.81	
32 12 36 13-0060 SY >1,000 To 5,000 SY, Sand Seal.....	1.60	
32 12 36 13-0061 SY >5,000 To 10,000 SY, Sand Seal.....	1.49	
32 12 36 13-0062 SY >10,000 To 20,000 SY, Sand Seal.....	1.39	
32 12 36 13-0063 SY >20,000 To 50,000 SY, Sand Seal.....	1.32	
32 12 36 13-0064 SY >50,000 SY, Sand Seal.....	1.29	
<b>32 12 36 13-0065 Polymer Enhanced Pavement Sealer</b> <sup>(32 12 36 13)</sup>		
Note: Includes sweeping and cleaning of area.		
32 12 36 13-0066 SY Up To 200 SY, Polymer Enhanced Pavement Sealer.....	5.32	
Note: 0.12 gallons per SY.		
32 12 36 13-0067 SY >200 To 500 SY, Polymer Enhanced Pavement Sealer.....	4.70	
Note: 0.12 gallons per SY.		
32 12 36 13-0068 SY >500 To 1,000 SY, Polymer Enhanced Pavement Sealer.....	3.16	
Note: 0.12 gallons per SY.		
32 12 36 13-0069 SY >1,000 To 5,000 SY, Polymer Enhanced Pavement Sealer.....	2.26	
Note: 0.12 gallons per SY.		
32 12 36 13-0070 SY >5,000 To 10,000 SY, Polymer Enhanced Pavement Sealer.....	1.62	
Note: 0.12 gallons per SY.		
32 12 36 13-0071 SY >10,000 To 20,000 SY, Polymer Enhanced Pavement Sealer.....	1.46	
Note: 0.12 gallons per SY.		
32 12 36 13-0072 SY >20,000 To 50,000 SY, Polymer Enhanced Pavement Sealer.....	1.30	
Note: 0.12 gallons per SY.		
32 12 36 13-0073 SY >50,000 SY, Polymer Enhanced Pavement Sealer.....	1.22	
Note: 0.12 gallons per SY.		
<b>32 12 36 16 Coal Tar Seal Coats</b> <sup>(32 12 36)</sup>		
<b>32 12 36 16-0001 Thermoplastic Coal-Tar Asphalt Seal</b> <sup>(32 12 36 16)</sup>		
Note: Includes sweeping and cleaning of area.		
32 12 36 16-0002 SY Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	16.04	
32 12 36 16-0003 SY >500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	15.10	

**32 Exterior Improvements**

**32 10 Bases, Ballasts, and Paving**

**32 12 Flexible Paving**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 12 36 16-0004	SY	>1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	13.31	
	32 12 36 16-0005	SY	>5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	11.96	
	32 12 36 16-0006	SY	>20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	10.17	
	32 12 36 16-0007	SY	>50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	8.39	
	32 12 36 16-0008	SY	Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	19.52	
	32 12 36 16-0009	SY	>500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	18.46	
	32 12 36 16-0010	SY	>1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	16.31	
	32 12 36 16-0011	SY	>5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	14.71	
	32 12 36 16-0012	SY	>20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	12.57	
	32 12 36 16-0013	SY	>50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	10.43	

**32 12 43 Porous Flexible Paving (32 12)**

32 12 43 00-0001			<b>Flexible Recycled Plastic Porous Grid (32 12 43)</b> Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod.		
32 12 43 00-0002	SY		1" Thick, Recycled Plastic Flexible Pavement With Sand Fill ..... Note: Includes sand fill in rings. Excludes base, earthwork and grass or sod. Invisible Structures, Inc.; Grasspave2.	41.53	
			<i>For Up To 100, Add</i>	14.20	
			<i>For &gt;100 To 500, Add</i>	3.60	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-1.53	
			<i>For &gt;5,000, Deduct</i>	-3.08	

**32 13 Rigid Paving (32 10)**

**32 13 13 Concrete Paving (32 13)**

Note: The following section includes concrete spreading and placing delivered Portland cement concrete mix.

**32 13 13 33 Plain Concrete Paving (32 13 13)**

32 13 13 33-0001			<b>Concrete Paving Assemblies (32 13 13 33)</b> Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.		
32 13 13 33-0002			<b>4,500 PSI Concrete Paving Assembly (32 13 13 33-0001)</b>		
32 13 13 33-0003	SY		4" 4,500 PSI Concrete Paving Assembly..... <i>For 2,500 PSI Concrete, Deduct</i> <i>For 3,000 PSI Concrete, Deduct</i> <i>For 3,500 PSI Concrete, Deduct</i> <i>For 4,000 PSI Concrete, Deduct</i> <i>For 5,000 PSI Concrete, Add</i> <i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i> <i>For &lt;12' Wide Pass, Add</i> <i>For 24' Or Greater Wide Pass, Deduct</i> <i>For Air Entrainment, Add</i> <i>For Slipforming, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 250, Add</i> <i>For &gt;250 To 500, Add</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000 To 5,000, Deduct</i> <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	69.00	
				-4.04	
				-2.63	
				-2.11	
				-0.91	
				0.56	
				4.56	
				11.98	
				-13.80	
				1.76	
				-6.90	
				27.36	
				15.43	
				7.72	
				-1.76	
				-3.48	
				-5.21	
				-6.93	
				-8.66	
32 13 13 33-0004	SY		5" 4,500 PSI Concrete Paving Assembly..... <i>For 2,500 PSI Concrete, Deduct</i> <i>For 3,000 PSI Concrete, Deduct</i> <i>For 3,500 PSI Concrete, Deduct</i> <i>For 4,000 PSI Concrete, Deduct</i> <i>For 5,000 PSI Concrete, Add</i> <i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i> <i>For &lt;12' Wide Pass, Add</i> <i>For 24' Or Greater Wide Pass, Deduct</i> <i>For Air Entrainment, Add</i> <i>For Slipforming, Deduct</i> <i>For Up To 100, Add</i> <i>For &gt;100 To 250, Add</i> <i>For &gt;250 To 500, Add</i> <i>For &gt;1,000 To 2,000, Deduct</i> <i>For &gt;2,000 To 5,000, Deduct</i> <i>For &gt;5,000 To 10,000, Deduct</i> <i>For &gt;10,000 To 20,000, Deduct</i> <i>For &gt;20,000, Deduct</i>	81.73	
				-5.07	
				-3.31	
				-2.64	
				-1.15	
				0.71	
				5.73	
				13.82	
				-16.35	
				2.20	
				-8.17	
				31.41	
				17.91	
				8.95	
				-2.20	
				-4.25	
				-6.29	
				-8.33	
				-10.38	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, and Paving</b>	<b>32 10</b>
		<b>Rigid Paving</b>	<b>32 13</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 13 13 33-0005 SY 6" 4,500 PSI Concrete Paving Assembly.....	87.29	
For 2,500 PSI Concrete, Deduct	-5.35	
For 3,000 PSI Concrete, Deduct	-3.49	
For 3,500 PSI Concrete, Deduct	-2.79	
For 4,000 PSI Concrete, Deduct	-1.21	
For 5,000 PSI Concrete, Add	0.74	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	6.04	
For <12' Wide Pass, Add	14.85	
For 24' Or Greater Wide Pass, Deduct	-17.46	
For Air Entrainment, Add	2.32	
For Slipforming, Deduct	-8.73	
For Up To 100, Add	33.78	
For >100 To 250, Add	19.21	
For >250 To 500, Add	9.61	
For >1,000 To 2,000, Deduct	-2.32	
For >2,000 To 5,000, Deduct	-4.51	
For >5,000 To 10,000, Deduct	-6.69	
For >10,000 To 20,000, Deduct	-8.87	
For >20,000, Deduct	-11.05	
32 13 13 33-0006 SY 7" 4,500 PSI Concrete Paving Assembly.....	103.82	
For 2,500 PSI Concrete, Deduct	-6.74	
For 3,000 PSI Concrete, Deduct	-4.40	
For 3,500 PSI Concrete, Deduct	-3.52	
For 4,000 PSI Concrete, Deduct	-1.52	
For 5,000 PSI Concrete, Add	0.94	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	7.62	
For <12' Wide Pass, Add	17.16	
For 24' Or Greater Wide Pass, Deduct	-20.76	
For Air Entrainment, Add	2.93	
For Slipforming, Deduct	-10.38	
For Up To 100, Add	38.84	
For >100 To 250, Add	22.35	
For >250 To 500, Add	11.18	
For >1,000 To 2,000, Deduct	-2.93	
For >2,000 To 5,000, Deduct	-5.53	
For >5,000 To 10,000, Deduct	-8.12	
For >10,000 To 20,000, Deduct	-10.72	
For >20,000, Deduct	-13.31	
32 13 13 33-0007 SY 8" 4,500 PSI Concrete Paving Assembly.....	118.58	
For 2,500 PSI Concrete, Deduct	-7.40	
For 3,000 PSI Concrete, Deduct	-4.83	
For 3,500 PSI Concrete, Deduct	-3.86	
For 4,000 PSI Concrete, Deduct	-1.67	
For 5,000 PSI Concrete, Add	1.03	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	8.36	
For <12' Wide Pass, Add	19.99	
For 24' Or Greater Wide Pass, Deduct	-23.72	
For Air Entrainment, Add	3.22	
For Slipforming, Deduct	-11.86	
For Up To 100, Add	45.41	
For >100 To 250, Add	25.92	
For >250 To 500, Add	12.96	
For >1,000 To 2,000, Deduct	-3.22	
For >2,000 To 5,000, Deduct	-6.18	
For >5,000 To 10,000, Deduct	-9.15	
For >10,000 To 20,000, Deduct	-12.11	
For >20,000, Deduct	-15.08	
32 13 13 33-0008 SY 9" 4,500 PSI Concrete Paving Assembly.....	134.24	
For 2,500 PSI Concrete, Deduct	-8.55	
For 3,000 PSI Concrete, Deduct	-5.58	
For 3,500 PSI Concrete, Deduct	-4.46	
For 4,000 PSI Concrete, Deduct	-1.93	
For 5,000 PSI Concrete, Add	1.19	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	9.67	
For <12' Wide Pass, Add	22.41	
For 24' Or Greater Wide Pass, Deduct	-26.85	
For Air Entrainment, Add	3.72	
For Slipforming, Deduct	-13.42	
For Up To 100, Add	50.80	
For >100 To 250, Add	29.12	
For >250 To 500, Add	14.56	
For >1,000 To 2,000, Deduct	-3.72	
For >2,000 To 5,000, Deduct	-7.07	
For >5,000 To 10,000, Deduct	-10.43	
For >10,000 To 20,000, Deduct	-13.79	
For >20,000, Deduct	-17.14	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 13 Rigid Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 13 13 33-0009	SY	10"	4,500 PSI Concrete Paving Assembly.....	149.59	
			<i>For 2,500 PSI Concrete, Deduct</i>	-9.41	
			<i>For 3,000 PSI Concrete, Deduct</i>	-6.13	
			<i>For 3,500 PSI Concrete, Deduct</i>	-4.91	
			<i>For 4,000 PSI Concrete, Deduct</i>	-2.13	
			<i>For 5,000 PSI Concrete, Add</i>	1.31	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	10.63	
			<i>For &lt;12' Wide Pass, Add</i>	25.13	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-29.92	
			<i>For Air Entrainment, Add</i>	4.09	
			<i>For Slipforming, Deduct</i>	-14.96	
			<i>For Up To 100, Add</i>	57.04	
			<i>For &gt;100 To 250, Add</i>	32.61	
			<i>For &gt;250 To 500, Add</i>	16.30	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-4.09	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-7.83	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-11.57	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-15.31	
			<i>For &gt;20,000, Deduct</i>	-19.05	
32 13 13 33-0010	SY	12"	4,500 PSI Concrete Paving Assembly.....	178.20	
			<i>For 2,500 PSI Concrete, Deduct</i>	-11.14	
			<i>For 3,000 PSI Concrete, Deduct</i>	-7.26	
			<i>For 3,500 PSI Concrete, Deduct</i>	-5.81	
			<i>For 4,000 PSI Concrete, Deduct</i>	-2.52	
			<i>For 5,000 PSI Concrete, Add</i>	1.55	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	12.59	
			<i>For &lt;12' Wide Pass, Add</i>	30.02	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-35.64	
			<i>For Air Entrainment, Add</i>	4.84	
			<i>For Slipforming, Deduct</i>	-17.82	
			<i>For Up To 100, Add</i>	68.18	
			<i>For &gt;100 To 250, Add</i>	38.93	
			<i>For &gt;250 To 500, Add</i>	19.47	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-4.84	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-9.30	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-13.75	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-18.21	
			<i>For &gt;20,000, Deduct</i>	-22.66	
32 13 13 33-0011	SY	15"	4,500 PSI Concrete Paving Assembly.....	226.90	
			<i>For 2,500 PSI Concrete, Deduct</i>	-13.68	
			<i>For 3,000 PSI Concrete, Deduct</i>	-8.92	
			<i>For 3,500 PSI Concrete, Deduct</i>	-7.14	
			<i>For 4,000 PSI Concrete, Deduct</i>	-3.09	
			<i>For 5,000 PSI Concrete, Add</i>	1.90	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	15.46	
			<i>For &lt;12' Wide Pass, Add</i>	38.89	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-45.38	
			<i>For Air Entrainment, Add</i>	5.95	
			<i>For Slipforming, Deduct</i>	-22.69	
			<i>For Up To 100, Add</i>	88.57	
			<i>For &gt;100 To 250, Add</i>	50.23	
			<i>For &gt;250 To 500, Add</i>	25.12	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-5.95	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-11.62	
			<i>For &gt;5,000 To 10,000, Deduct</i>	-17.29	
			<i>For &gt;10,000 To 20,000, Deduct</i>	-22.96	
			<i>For &gt;20,000, Deduct</i>	-28.64	

**32 13 13 33-0012 Portland Cement Concrete Pavements And Sidewalks (32 13 13 33)**

Note: The following City of Chicago, Department of Transportation standard site work tasks, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications for a complete definition of what is included in these work tasks. Excludes demolition, saw cutting, excavation, and aggregate base. See CSI section 02 41 13 43-0001 for demolition and sawcutting, 31 23 16 13-0021 for earthwork and excavation, 32 11 23 16-0001 for base and aggregate.

32 13 13 33-0013	SF	P.C.C. Sidewalk, 5", (Up To 200).....	14.34
32 13 13 33-0014	SF	P.C.C. Sidewalk, 5", (>200 - 1,200).....	13.06
32 13 13 33-0015	SF	P.C.C. Sidewalk, 5", (>1,200 - 20,000).....	11.78
32 13 13 33-0016	SF	P.C.C. Sidewalk, 5", (>20,000).....	10.51
32 13 13 33-0017	SF	P.C.C. Sidewalk, 8", (Up To 200).....	18.45
32 13 13 33-0018	SF	P.C.C. Sidewalk, 8", (>200 - 1,200).....	16.93
32 13 13 33-0019	SF	P.C.C. Sidewalk, 8", (>1,200 - 20,000).....	15.39
32 13 13 33-0020	SF	P.C.C. Sidewalk, 8", (>20,000).....	13.87
32 13 13 33-0021	SF	High Early P.C.C. Sidewalk, 5", (Up To 200).....	14.78
32 13 13 33-0022	SF	High Early P.C.C. Sidewalk, 5", (>200 - 1,200).....	13.50
32 13 13 33-0023	SF	High Early P.C.C. Sidewalk, 5", (>1,200 - 20,000).....	12.22
32 13 13 33-0024	SF	High Early P.C.C. Sidewalk, 5", (>20,000).....	10.95
32 13 13 33-0025	SF	High Early P.C.C. Sidewalk, 8", (Up To 200).....	19.16
32 13 13 33-0026	SF	High Early P.C.C. Sidewalk, 8", (>200 - 1,200).....	17.64
32 13 13 33-0027	SF	High Early P.C.C. Sidewalk, 8", (>1,200 - 20,000).....	16.10
32 13 13 33-0028	SF	High Early P.C.C. Sidewalk, 8", (>20,000).....	14.58
32 13 13 33-0029	SF	P.C.C. Sidewalk, 5", (Special), (Up To 25).....	29.89
32 13 13 33-0030	SF	P.C.C. Sidewalk, 5", (Special), (>25 - 100).....	28.60
32 13 13 33-0031	SF	P.C.C. Sidewalk, 5", (Special), (>100 - 500).....	27.29
32 13 13 33-0032	SF	P.C.C. Sidewalk, 5", (Special), (>500).....	26.00
32 13 13 33-0033	SF	P.C.C. Sidewalk, 8", (Special), (Up To 25).....	34.15





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0034 SF P.C.C. Sidewalk, 8", (Special), (>25 - 100).....	32.62	
32 13 13 33-0035 SF P.C.C. Sidewalk, 8", (Special), (>100 - 500).....	32.27	
32 13 13 33-0036 SF P.C.C. Sidewalk, 8", (Special), (>500).....	30.75	
32 13 13 33-0037 SF High Early P.C.C. Sidewalk, 5" (Special), (Up To 25).....	30.34	
32 13 13 33-0038 SF High Early P.C.C. Sidewalk, 5" (Special), (>25 - 100).....	29.05	
32 13 13 33-0039 SF High Early P.C.C. Sidewalk, 5" (Special), (>100 - 500).....	27.74	
32 13 13 33-0040 SF High Early P.C.C. Sidewalk, 5" (Special), (>500).....	26.45	
32 13 13 33-0041 SF High Early P.C.C. Sidewalk, 8" (Special), (Up To 25).....	34.86	
32 13 13 33-0042 SF High Early P.C.C. Sidewalk, 8" (Special), (>25 - 100).....	33.33	
32 13 13 33-0043 SF High Early P.C.C. Sidewalk, 8" (Special), (>100 - 500).....	32.98	
32 13 13 33-0044 SF High Early P.C.C. Sidewalk, 8" (Special), (>500).....	31.46	
32 13 13 33-0045 SF P.C.C. Driveway And Alley Pavements, 8", (Up To 180).....	16.74	
32 13 13 33-0046 SF P.C.C. Driveway And Alley Pavements, 8", (>180 - 450).....	12.80	
32 13 13 33-0047 SF P.C.C. Driveway And Alley Pavements, 8", (>450 - 900).....	10.25	
32 13 13 33-0048 SF P.C.C. Driveway And Alley Pavements, 8", (>900).....	8.40	
32 13 13 33-0049 SF P.C.C. Driveway And Alley Pavements, 10", (Up To 180).....	17.66	
32 13 13 33-0050 SF P.C.C. Driveway And Alley Pavements, 10", (>180 - 450).....	13.86	
32 13 13 33-0051 SF P.C.C. Driveway And Alley Pavements, 10", (>450 - 900).....	12.35	
32 13 13 33-0052 SF P.C.C. Driveway And Alley Pavements, 10", (>900).....	10.29	
32 13 13 33-0053 SF High Early P.C.C. Driveway And Alley Pavements, 8", (Up To 180).....	16.24	
32 13 13 33-0054 SF High Early P.C.C. Driveway And Alley Pavements, 8", (>180 - 450).....	12.42	
32 13 13 33-0055 SF High Early P.C.C. Driveway And Alley Pavements, 8", (>450 - 900).....	10.06	
32 13 13 33-0056 SF High Early P.C.C. Driveway And Alley Pavements, 8", (>900).....	8.32	
32 13 13 33-0057 SF High Early P.C.C. Driveway And Alley Pavements, 10", (Up To 180).....	17.26	
32 13 13 33-0058 SF High Early P.C.C. Driveway And Alley Pavements, 10", (>180 - 450).....	13.54	
32 13 13 33-0059 SF High Early P.C.C. Driveway And Alley Pavements, 10", (>450 - 900).....	12.10	
32 13 13 33-0060 SF High Early P.C.C. Driveway And Alley Pavements, 10", (>900).....	10.18	
32 13 13 33-0061 SY Protective Coat, (Up To 50).....	9.50	
32 13 13 33-0062 SY Protective Coat, (>50 - 150).....	3.82	
32 13 13 33-0063 SY Protective Coat, (>150 - 1,000).....	2.02	
32 13 13 33-0064 SY Protective Coat, (>1,000 - 7,000).....	1.48	
32 13 13 33-0065 SY Protective Coat, (>7,000).....	1.19	
32 13 13 33-0066 SF P.C.C. Sidewalk Topping, PAV-1, 4" (Up To 25).....	8.32	
32 13 13 33-0067 SF P.C.C. Sidewalk Topping, PAV-1, 4" (>25 - 100).....	6.84	
32 13 13 33-0068 SF P.C.C. Sidewalk Topping, PAV-1, 4" (>100 - 500).....	5.35	
32 13 13 33-0069 SF P.C.C. Sidewalk Topping, PAV-1, 4" (>500).....	3.86	
32 13 13 33-0070 LF P.C.C. Concrete Curb, Type B, (Up To 20).....	50.03	
32 13 13 33-0071 LF P.C.C. Concrete Curb, Type B, (>20 - 200).....	40.07	
32 13 13 33-0072 LF P.C.C. Concrete Curb, Type B, (>200 - 500).....	33.35	
32 13 13 33-0073 LF P.C.C. Concrete Curb, Type B, (>500).....	29.89	
32 13 13 33-0074 LF High Early P.C.C. Concrete Curb, Type B, (Up To 20).....	52.98	
32 13 13 33-0075 LF High Early P.C.C. Concrete Curb, Type B, (>20 - 200).....	42.37	
32 13 13 33-0076 LF High Early P.C.C. Concrete Curb, Type B, (>200 - 500).....	35.19	
32 13 13 33-0077 LF High Early P.C.C. Concrete Curb, Type B, (>500).....	31.46	
32 13 13 33-0078 LF Combination Concrete Curb And Gutter, Type B-V-12, (Up To 50).....	62.99	
32 13 13 33-0079 LF Combination Concrete Curb And Gutter, Type B-V-12, (>50 - 200).....	46.76	
32 13 13 33-0080 LF Combination Concrete Curb And Gutter, Type B-V-12, (>200 - 1,500).....	39.29	
32 13 13 33-0081 LF Combination Concrete Curb And Gutter, Type B-V-12, (>1,500 - 5,000).....	31.11	
32 13 13 33-0082 LF Combination Concrete Curb And Gutter, Type B-V-12, (>5000).....	28.12	
32 13 13 33-0083 LF High Strength Combination Concrete Curb And Gutter, Type B-V-12, (Up To 50).....	65.47	
32 13 13 33-0084 LF High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>50 - 200).....	50.46	
32 13 13 33-0085 LF High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>200 - 1,500).....	44.47	
32 13 13 33-0086 LF High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>1,500 - 5,000).....	36.49	
32 13 13 33-0087 LF High Strength Combination Concrete Curb And Gutter, Type B-V-12, (>5,000).....	33.59	
32 13 13 33-0088 SF Concrete Median, 5 Inch, (Up To 250).....	12.04	
32 13 13 33-0089 SF Concrete Median, 5 Inch, (>250 - 1,000).....	9.50	
32 13 13 33-0090 SF Concrete Median, 5 Inch, (>1,000 - 2,500).....	8.49	
32 13 13 33-0091 SF Concrete Median, 5 Inch, (>2,500).....	7.46	
32 13 13 33-0092 SF Concrete Median, 10 Inch, (Up To 250).....	16.02	
32 13 13 33-0093 SF Concrete Median, 10 Inch, (>250 - 1,000).....	12.73	
32 13 13 33-0094 SF Concrete Median, 10 Inch, (>1,000 - 2,500).....	10.07	
32 13 13 33-0095 SF Concrete Median, 10 Inch, (>2,500).....	8.35	
32 13 13 33-0096 SY Up To 2,000, Bridge Deck Latex Concrete Overlay.....	98.70	
32 13 13 33-0097 SY >2,000 To 5,000, Bridge Deck Latex Concrete Overlay.....	83.56	
32 13 13 33-0098 SY >5,000, Bridge Deck Latex Concrete Overlay.....	68.40	
32 13 13 33-0099 LB Reinforced Bars, Epoxy Coated.....	4.62	
32 13 13 33-0100 SF Cast In Place Tactile/Detectable Warning Surface System for Ramps for People with Disabilities, Linear Tiles.....	71.54	
32 13 13 33-0101 SF Cast In Place Tactile/Detectable Warning Surface System for Ramps for People with Disabilities, Radius Tiles.....	81.87	
32 13 13 33-0102 SY Class C Patches, Type I, 10 Inches.....	141.01	
32 13 13 33-0103 SY Class C Patches, Type II, 10 Inches.....	114.32	
32 13 13 33-0104 SY Class C Patches, Type III, 10 Inches.....	114.32	
32 13 13 33-0105 SY Class C Patches, Type IV, 10 Inches.....	88.49	
32 13 13 33-0106 CY Class C Patches, Type I, Variable Depth.....	377.94	
32 13 13 33-0107 CY Class C Patches, Type II, Variable Depth.....	377.94	
32 13 13 33-0108 CY Class C Patches, Type III, Variable Depth.....	377.94	
32 13 13 33-0109 CY Class C Patches, Type IV, Variable Depth.....	377.94	

**32 13 73 Concrete Paving Joint Sealants (32 13)****32 13 73 13 Fuel-Resistant Concrete Paving Joint Sealants (32 13 73)**

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 13 Rigid Paving**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>32 13 73 13-0001</b>	<b>Concrete Pavement Joint And Crack Repair</b> <small>(32 13 73 13)</small>		
	Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
<b>32 13 73 13-0002</b>	<b>Silicone Concrete Pavement Joint And Crack Repair</b> <small>(32 13 73 13-0001)</small>		
32 13 73 13-0003	CLF 1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	662.90	
	<i>For Custom Match Coloring, Add</i>	21.94	
	<i>For 1 Part Mildew Resistant, Add</i>	31.99	
	<i>For High-Modulus Non-Acid Curing, Add</i>	18.28	
32 13 73 13-0004	CLF 1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	746.70	
	<i>For Custom Match Coloring, Add</i>	32.91	
	<i>For 1 Part Mildew Resistant, Add</i>	47.99	
	<i>For High-Modulus Non-Acid Curing, Add</i>	27.42	
32 13 73 13-0005	CLF 1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	830.50	
	<i>For Custom Match Coloring, Add</i>	43.88	
	<i>For 1 Part Mildew Resistant, Add</i>	63.99	
	<i>For High-Modulus Non-Acid Curing, Add</i>	36.56	
32 13 73 13-0006	CLF 3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	853.35	
	<i>For Custom Match Coloring, Add</i>	49.36	
	<i>For 1 Part Mildew Resistant, Add</i>	71.98	
	<i>For High-Modulus Non-Acid Curing, Add</i>	41.13	
32 13 73 13-0007	CLF 3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	940.95	
	<i>For Custom Match Coloring, Add</i>	65.81	
	<i>For 1 Part Mildew Resistant, Add</i>	95.98	
	<i>For High-Modulus Non-Acid Curing, Add</i>	54.84	
32 13 73 13-0008	CLF 3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,028.57	
	<i>For Custom Match Coloring, Add</i>	82.27	
	<i>For 1 Part Mildew Resistant, Add</i>	119.97	
	<i>For High-Modulus Non-Acid Curing, Add</i>	68.56	
32 13 73 13-0009	CLF 3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,135.22	
	<i>For Custom Match Coloring, Add</i>	98.72	
	<i>For 1 Part Mildew Resistant, Add</i>	143.97	
	<i>For High-Modulus Non-Acid Curing, Add</i>	82.27	
32 13 73 13-0010	CLF 1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,051.42	
	<i>For Custom Match Coloring, Add</i>	87.75	
	<i>For 1 Part Mildew Resistant, Add</i>	127.97	
	<i>For High-Modulus Non-Acid Curing, Add</i>	73.13	
32 13 73 13-0011	CLF 1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,219.02	
	<i>For Custom Match Coloring, Add</i>	109.69	
	<i>For 1 Part Mildew Resistant, Add</i>	159.96	
	<i>For High-Modulus Non-Acid Curing, Add</i>	91.41	
32 13 73 13-0012	CLF 1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,348.53	
	<i>For Custom Match Coloring, Add</i>	131.63	
	<i>For 1 Part Mildew Resistant, Add</i>	191.96	
	<i>For High-Modulus Non-Acid Curing, Add</i>	109.69	
32 13 73 13-0013	CLF 1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,478.04	
	<i>For Custom Match Coloring, Add</i>	153.57	
	<i>For 1 Part Mildew Resistant, Add</i>	223.95	
	<i>For High-Modulus Non-Acid Curing, Add</i>	127.97	
32 13 73 13-0014	CLF 1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,588.50	
	<i>For Custom Match Coloring, Add</i>	175.50	
	<i>For 1 Part Mildew Resistant, Add</i>	255.94	
	<i>For High-Modulus Non-Acid Curing, Add</i>	146.25	
32 13 73 13-0015	CLF 3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	1,698.95	
	<i>For Custom Match Coloring, Add</i>	197.44	
	<i>For 1 Part Mildew Resistant, Add</i>	287.93	
	<i>For High-Modulus Non-Acid Curing, Add</i>	164.53	
32 13 73 13-0016	CLF 3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	2,056.97	
	<i>For Custom Match Coloring, Add</i>	274.22	
	<i>For 1 Part Mildew Resistant, Add</i>	399.91	
	<i>For High-Modulus Non-Acid Curing, Add</i>	228.52	
32 13 73 13-0017	CLF 1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair .....	2,415.01	
	<i>For Custom Match Coloring, Add</i>	351.01	
	<i>For 1 Part Mildew Resistant, Add</i>	511.89	
	<i>For High-Modulus Non-Acid Curing, Add</i>	292.51	

**32 13 73 16 Field-Molded Concrete Paving Joint Sealants** (32 13 73)

<b>32 13 73 16-0001</b>	<b>Preformed Elastomeric Concrete Pavement Joint And Crack Repair</b> <small>(32 13 73 16)</small>		
	Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 16-0002	LF Joint Sealing, Concrete Pavement Preformed Elastomeric .....	13.53	

**32 13 73 19 Compression Concrete Paving Joint Sealants** (32 13 73)

<b>32 13 73 19-0001</b>	<b>Silicone Joint Sealant For Concrete Pavement</b> <small>(32 13 73 19)</small>		
	Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.		
32 13 73 19-0002	LF 1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	12.67	2.92
32 13 73 19-0003	LF 3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	13.34	2.98
32 13 73 19-0004	LF 1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	14.26	3.04
32 13 73 19-0005	LF 3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	17.29	3.10
32 13 73 19-0006	LF 1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	20.36	3.17
32 13 73 19-0007	LF 1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement .....	26.38	3.23



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, and Paving</b>	<b>32 10</b>
		<b>Rigid Paving</b>	<b>32 13</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 13 73 19-0008	LF		2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement.....	39.75	3.30
------------------	----	--	---	-------	------

### 32 14 Unit Paving <sup>(32 10)</sup>

#### 32 14 09 Paver Restraints <sup>(32 14)</sup>

##### 32 14 09 00-0001 Paver Restraints <sup>(32 14 09)</sup>

Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.

32 14 09 00-0002	LF		Up To 2" Height, Vinyl Paver Restraint.....	5.50	1.34
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.74	
			<i>For &gt;2,000 To 4,000, Deduct</i>	-1.08	
			<i>For &gt;4,000, Deduct</i>	-1.38	
32 14 09 00-0003	LF		Up To 2" Height, Galvanized Steel Paver Restraint.....	5.95	1.34
			<i>For &gt;500 To 1,000, Deduct</i>	-0.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.38	
			<i>For &gt;2,000, Deduct</i>	-0.57	
32 14 09 00-0004	LF		Up To 1" Height, Aluminum Paver Restraint.....	5.72	1.34
			<i>For &gt;250 To 500, Deduct</i>	-0.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.54	
			<i>For &gt;1,000 To 1,500, Deduct</i>	-0.90	
32 14 09 00-0005	LF		>1" To 2" Height, Aluminum Paver Restraint.....	6.73	1.34
			<i>For &gt;250 To 500, Deduct</i>	-0.46	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.69	
			<i>For &gt;1,000 To 1,500, Deduct</i>	-1.15	
32 14 09 00-0006	LF		>2" To 3" Height, Aluminum Paver Restraint.....	8.67	1.34
			<i>For &gt;250 To 500, Deduct</i>	-0.65	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.98	
			<i>For &gt;1,000 To 1,500, Deduct</i>	-1.64	
32 14 09 00-0007	LF		>3" To 4" Height, Aluminum Paver Restraint.....	10.15	1.34
			<i>For &gt;250 To 500, Deduct</i>	-0.80	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.20	
			<i>For &gt;1,000 To 1,500, Deduct</i>	-2.01	

#### 32 14 11 Bedding for Unit Paving <sup>(32 14)</sup>

##### 32 14 11 00-0001 Bedding For Brick, Precast Concrete Paver And Stone Sidewalk <sup>(32 14 11)</sup>

Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 14 11 00-0002	SF		1" To 2" Screeded Sand Bedding.....	1.25	
			<i>For Up To 100, Add</i>	0.56	
			<i>For &gt;100 To 500, Add</i>	0.16	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000, Deduct</i>	-0.15	
32 14 11 00-0003	SF		1" To 2" Screeded Stone Dust Bedding.....	1.48	
			<i>For Up To 100, Add</i>	0.61	
			<i>For &gt;100 To 500, Add</i>	0.17	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.10	
			<i>For &gt;5,000, Deduct</i>	-0.16	
32 14 11 00-0004	SF		3" Screeded Stone Dust Bedding.....	1.92	
			<i>For Up To 100, Add</i>	0.77	
			<i>For &gt;100 To 500, Add</i>	0.21	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.12	
			<i>For &gt;5,000, Deduct</i>	-0.20	
32 14 11 00-0005	SF		4" Screeded Stone Dust Bedding.....	2.42	
			<i>For Up To 100, Add</i>	0.96	
			<i>For &gt;100 To 500, Add</i>	0.26	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.14	
			<i>For &gt;5,000, Deduct</i>	-0.24	
32 14 11 00-0006	SF		1" Mortar Bedding.....	3.92	
			<i>For Up To 100, Add</i>	1.78	
			<i>For &gt;100 To 500, Add</i>	0.51	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.32	
			<i>For &gt;5,000, Deduct</i>	-0.50	
32 14 11 00-0007	SF		2" Mortar Bedding.....	5.71	
			<i>For Up To 100, Add</i>	2.49	
			<i>For &gt;100 To 500, Add</i>	0.71	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.42	
			<i>For &gt;5,000, Deduct</i>	-0.68	
32 14 11 00-0008	SF		Thin-Set Latex Portland Cement Mortar.....	2.00	
			<i>For Up To 100, Add</i>	0.93	
			<i>For &gt;100 To 500, Add</i>	0.27	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.17	
			<i>For &gt;5,000, Deduct</i>	-0.26	

#### 32 14 13 Precast Concrete Unit Paving <sup>(32 14)</sup>

##### 32 14 13 16 Precast Concrete Unit Paving Slabs <sup>(32 14 13)</sup>

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
<b>32 14 13 16-0001</b>	<b>Precast Concrete Paver Sidewalk</b> <small>(32 14 13 16)</small>		
	Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 13 16-0002	SF 2-3/8" Thick, Up To 32 SI Precast Concrete Paver.....	13.91	3.96
	Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
	For 2-3/4" Concrete Paver, Add	1.29	
	For 3-1/8" Concrete Paver, Add	2.09	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.09	
	For Up To 100, Add	5.47	
	For >100 To 500, Add	1.49	
	For >1,000 To 5,000, Deduct	-0.80	
	For >5,000, Deduct	-1.37	
	For 3/8" Grout Joint Add	0.66	
32 14 13 16-0003	SF 2-3/8" Thick, >32 to 64 SI Precast Concrete Paver .....	13.19	3.61
	Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
	For 2-3/4" Concrete Paver, Add	1.26	
	For 3-1/8" Concrete Paver, Add	2.03	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.02	
	For Up To 100, Add	5.11	
	For >100 To 500, Add	1.38	
	For >1,000 To 5,000, Deduct	-0.72	
	For >5,000, Deduct	-1.26	
	For 3/8" Grout Joint Add	0.60	
32 14 13 16-0004	SF 2-3/8" Thick, >64 to 144 SI Precast Concrete Paver.....	12.52	2.87
	Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
	For 2-3/4" Concrete Paver, Add	1.22	
	For 3-1/8" Concrete Paver, Add	1.98	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.95	
	For Up To 100, Add	4.77	
	For >100 To 500, Add	1.28	
	For >1,000 To 5,000, Deduct	-0.66	
	For >5,000, Deduct	-1.16	
	For 3/8" Grout Joint Add	0.55	
32 14 13 16-0005	SF 2-3/8" Thick, >144 SI Precast Concrete Paver .....	11.93	2.98
	Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
	For 2-3/4" Concrete Paver, Add	1.19	
	For 3-1/8" Concrete Paver, Add	1.94	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.90	
	For Up To 100, Add	4.48	
	For >100 To 500, Add	1.19	
	For >1,000 To 5,000, Deduct	-0.60	
	For >5,000, Deduct	-1.07	
	For 3/8" Grout Joint Add	0.51	
32 14 13 16-0006	SF 2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns .....	12.84	3.43
	Note: Patterns made by combining pavers from two or more size groups.		
	For 2-3/4" Concrete Paver, Add	1.24	
	For 3-1/8" Concrete Paver, Add	2.01	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.99	
	For Up To 100, Add	4.93	
	For >100 To 500, Add	1.33	
	For >1,000 To 5,000, Deduct	-0.69	
	For >5,000, Deduct	-1.21	
	For 3/8" Grout Joint Add	0.58	
<b>32 14 13 19</b>	<b>Porous Precast Concrete Unit Paving</b> <small>(32 14 13)</small>		
<b>32 14 13 19-0001</b>	<b>Turf Block</b> <small>(32 14 13 19)</small>		
	Note: Grass grid, open-cell unit paver, geoblock.		
32 14 13 19-0002	SF 3-1/8" Thick, Precast Concrete Turf Block .....	13.69	3.43
	For Up To 100, Add	5.14	
	For >100 To 500, Add	1.37	
	For >1,000 To 5,000, Deduct	-0.69	
	For >5,000, Deduct	-1.24	
<b>32 14 16</b>	<b>Brick Unit Paving</b> <small>(32 14)</small>		
<b>32 14 16 00-0001</b>	<b>Brick Paver Sidewalk</b> <small>(32 14 16)</small>		
	Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 16 00-0002	SF 4" x 8" x 2-1/4" Brick Paver, Laid Flat .....	16.90	3.96
	For 1-3/8" Thick Paver, Deduct	-3.53	
	For 2-3/4" Thick Paver (Vehicular), Add	8.03	
	For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.24	
	For Up To 100, Add	6.21	
	For >100 To 500, Add	1.64	
	For >1,000 To 5,000, Deduct	-0.80	
	For >5,000, Deduct	-1.46	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, and Paving</b>	<b>32 10</b>
		<b>Unit Paving</b>	<b>32 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 16 00-0003	SF		4" x 8" x 2-1/4" Brick, Laid On Edge .....	24.95	4.52
			<i>For 1-3/8" Thick Paver, Deduct</i>	-6.02	
			<i>For 2-3/4" Thick Paver (Vehicular), Add</i>	14.03	
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.70	
			<i>For Up To 100, Add</i>	8.50	
			<i>For &gt;100 To 500, Add</i>	2.15	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.90	
			<i>For &gt;5,000, Deduct</i>	-1.83	
<b>32 14 33</b>			<b>Plastic Paving</b> <small>(32 14)</small>		
<b>32 14 33 13</b>			<b>Permeable Plastic Paving</b> <small>(32 14 33)</small>		
<b>32 14 33 13-0001</b>			<b>Turf Block Plastic Paving</b> <small>(32 14 33 13)</small>		
32 14 33 13-0002	SF		4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block .....	20.39	3.43
			<i>For Up To 100, Add</i>	6.82	
			<i>For &gt;100 To 500, Add</i>	1.71	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.69	
			<i>For &gt;5,000, Deduct</i>	-1.44	
<b>32 14 40</b>			<b>Stone Paving</b> <small>(32 14)</small>		
<b>32 14 40 00-0001</b>			<b>Slate Paver Sidewalk</b> <small>(32 14 40)</small>		
			Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002	SF		1" Thick, Up to 54 SI Slate Paver .....	17.40	3.29
			Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.20	
			<i>For 1/4" Thick Paver, Deduct</i>	-8.58	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.97	
			<i>For Up To 100, Add</i>	5.99	
			<i>For &gt;100 To 500, Add</i>	1.53	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.66	
			<i>For &gt;5,000, Deduct</i>	-1.31	
32 14 40 00-0003	SF		1" Thick, >54 to 108 SI Slate Paver .....	16.81	2.98
			Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.14	
			<i>For 1/4" Thick Paver, Deduct</i>	-8.43	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.88	
			<i>For Up To 100, Add</i>	5.70	
			<i>For &gt;100 To 500, Add</i>	1.44	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.60	
			<i>For &gt;5,000, Deduct</i>	-1.22	
32 14 40 00-0004	SF		1" Thick, >108 to 216 SI Slate Paver .....	15.77	2.46
			Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.04	
			<i>For 1/4" Thick Paver, Deduct</i>	-8.17	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.73	
			<i>For Up To 100, Add</i>	5.18	
			<i>For &gt;100 To 500, Add</i>	1.28	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.49	
			<i>For &gt;5,000, Deduct</i>	-1.06	
32 14 40 00-0005	SF		1" Thick, >216 SI Slate Paver .....	15.33	2.24
			Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	0.99	
			<i>For 1/4" Thick Paver, Deduct</i>	-8.06	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.66	
			<i>For Up To 100, Add</i>	4.96	
			<i>For &gt;100 To 500, Add</i>	1.22	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.45	
			<i>For &gt;5,000, Deduct</i>	-1.00	
32 14 40 00-0006	SF		1" Thick, Slate Paver, Combinations And Patterns .....	16.24	2.70
			Note: Patterns made by combining pavers from two or more size groups.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.08	
			<i>For 1/4" Thick Paver, Deduct</i>	-8.29	
			<i>For 1/2" Thick Paver, Deduct</i>	-5.80	
			<i>For Up To 100, Add</i>	5.41	
			<i>For &gt;100 To 500, Add</i>	1.35	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.54	
			<i>For &gt;5,000, Deduct</i>	-1.14	
<b>32 14 40 00-0007</b>			<b>Granite Paver Sidewalk</b> <small>(32 14 40)</small>		
			Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 31 23 16 00-0000 for excavation, 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF		1" Thick, Up to 54 SI Granite Paver .....	30.91	3.29
			Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers.		
			<i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i>	1.87	
			<i>For 2" Granite Paver, Add</i>	1.55	
			<i>For 3" Granite Paver, Add</i>	3.09	
			<i>For 4" Granite Paver, Add</i>	3.42	
			<i>For Up To 100, Add</i>	9.37	
			<i>For &gt;100 To 500, Add</i>	2.20	
			<i>For &gt;1,000 To 5,000, Deduct</i>	-0.66	
			<i>For &gt;5,000, Deduct</i>	-1.71	



**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0009	SF	1" Thick, >54 to 108 SI Granite Paver.....	30.32	2.98	
		Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.81		
		For 2" Granite Paver, Add	1.52		
		For 3" Granite Paver, Add	3.03		
		For 4" Granite Paver, Add	3.33		
		For Up To 100, Add	9.07		
		For >100 To 500, Add	2.11		
		For >1,000 To 5,000, Deduct	-0.60		
		For >5,000, Deduct	-1.63		
32 14 40 00-0010	SF	1" Thick, >108 to 216 SI Granite Paver.....	29.28	2.46	
		Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.71		
		For 2" Granite Paver, Add	1.46		
		For 3" Granite Paver, Add	2.93		
		For 4" Granite Paver, Add	3.17		
		For Up To 100, Add	8.55		
		For >100 To 500, Add	1.96		
		For >1,000 To 5,000, Deduct	-0.49		
		For >5,000, Deduct	-1.47		
32 14 40 00-0011	SF	1" Thick, >216 SI Granite Paver .....	28.84	2.24	
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.67		
		For 2" Granite Paver, Add	1.44		
		For 3" Granite Paver, Add	2.88		
		For 4" Granite Paver, Add	3.11		
		For Up To 100, Add	8.33		
		For >100 To 500, Add	1.89		
		For >1,000 To 5,000, Deduct	-0.45		
		For >5,000, Deduct	-1.40		
32 14 40 00-0012	SF	1" Thick, Granite Paver, Combinations And Patterns .....	29.75	2.70	
		Note: Patterns made by combining pavers from two or more size groups.			
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	1.76		
		For 2" Granite Paver, Add	1.49		
		For 3" Granite Paver, Add	2.98		
		For 4" Granite Paver, Add	3.25		
		For Up To 100, Add	8.79		
		For >100 To 500, Add	2.03		
		For >1,000 To 5,000, Deduct	-0.54		
		For >5,000, Deduct	-1.54		

**32 15 Aggregate Surfacing** <sup>(32 10)</sup>**32 15 40 Crushed Stone Surfacing** <sup>(32 15)</sup>

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 15 40 00-0001		Gravel Surfacing And Spreading <sup>(32 15 40)</sup>			
		Note: Includes delivered material, placement, rolling and compaction water.			
32 15 40 00-0002	CY	Gravel Surfacing And Spreading .....	103.67		
32 15 40 00-0003		Limestone Screenings <sup>(32 15 40)</sup>			
		Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.			
32 15 40 00-0004	CY	Limestone Screenings For Trail .....	79.76		

**32 16 Curbs, Gutters, Sidewalks, and Driveways** <sup>(32 10)</sup>**32 16 13 Curbs and Gutters** <sup>(32 16)</sup>

Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0051 for additional saw cuts within the 100'.

**32 16 13 13 Cast-In-Place Concrete Curbs and Gutters** <sup>(32 16 13)</sup>

Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.

32 16 13 13-0001		Cast In Place Concrete Curbs Assemblies <sup>(32 16 13 13)</sup>			
		Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.			
32 16 13 13-0002	LF	6" x 12" Cast In Place Concrete Curb .....	24.43	11.50	
		For Mountable Curb, Add	1.51		
		For Up To 20, Add	14.08		
		For >20 To 50, Add	7.96		
		For >50 To 100, Add	3.06		
		For >500 To 1,000, Deduct	-3.06		
		For >1,000, Deduct	-5.20		
32 16 13 13-0003	LF	6" x 12" Cast In Place Concrete Curb - Radius.....	27.71	13.22	
		For Mountable Curb, Add	1.77		
		For Up To 20, Add	16.18		
		For >20 To 50, Add	9.15		
		For >50 To 100, Add	3.51		
		For >500 To 1,000, Deduct	-3.51		
		For >1,000, Deduct	-5.96		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0004 LF 6" x 14" Cast In Place Concrete Curb.....	26.66	11.50
For Mountable Curb, Add	1.65	
For Up To 20, Add	15.39	
For >20 To 50, Add	8.70	
For >50 To 100, Add	3.34	
For >500 To 1,000, Deduct	-3.34	
For >1,000, Deduct	-5.68	
32 16 13 13-0005 LF 6" x 14" Cast In Place Concrete Curb - Radius.....	30.28	13.22
For Mountable Curb, Add	1.94	
For Up To 20, Add	17.70	
For >20 To 50, Add	10.01	
For >50 To 100, Add	3.84	
For >500 To 1,000, Deduct	-3.84	
For >1,000, Deduct	-6.52	
32 16 13 13-0006 LF 6" x 16" Cast In Place Concrete Curb.....	29.15	11.50
For Mountable Curb, Add	1.78	
For Up To 20, Add	16.75	
For >20 To 50, Add	9.47	
For >50 To 100, Add	3.64	
For >500 To 1,000, Deduct	-3.64	
For >1,000, Deduct	-6.19	
32 16 13 13-0007 LF 6" x 16" Cast In Place Concrete Curb - Radius.....	33.03	17.24
For Mountable Curb, Add	2.10	
For Up To 20, Add	19.25	
For >20 To 50, Add	10.89	
For >50 To 100, Add	4.18	
For >500 To 1,000, Deduct	-4.18	
For >1,000, Deduct	-7.10	
32 16 13 13-0008 LF 6" x 18" Cast In Place Concrete Curb.....	31.13	11.50
For Mountable Curb, Add	1.89	
For Up To 20, Add	17.84	
For >20 To 50, Add	10.08	
For >50 To 100, Add	3.88	
For >500 To 1,000, Deduct	-3.88	
For >1,000, Deduct	-6.60	
32 16 13 13-0009 LF 6" x 18" Cast In Place Concrete Curb - Radius.....	34.93	13.22
For Mountable Curb, Add	2.18	
For Up To 20, Add	20.21	
For >20 To 50, Add	11.43	
For >50 To 100, Add	4.39	
For >500 To 1,000, Deduct	-4.39	
For >1,000, Deduct	-7.46	
32 16 13 13-0010 LF 6" x 24" Cast In Place Concrete Curb.....	35.49	12.65
For Mountable Curb, Add	2.01	
For Up To 20, Add	19.87	
For >20 To 50, Add	11.21	
For >50 To 100, Add	4.33	
For >500 To 1,000, Deduct	-4.33	
For >1,000, Deduct	-7.38	
32 16 13 13-0011 LF 6" x 24" Cast In Place Concrete Curb - Radius.....	39.47	14.36
For Mountable Curb, Add	2.28	
For Up To 20, Add	22.26	
For >20 To 50, Add	12.57	
For >50 To 100, Add	4.85	
For >500 To 1,000, Deduct	-4.85	
For >1,000, Deduct	-8.26	
32 16 13 13-0012 LF 8" x 24" Cast In Place Concrete Curb.....	35.80	12.65
For Mountable Curb, Add	1.99	
For Up To 20, Add	19.94	
For >20 To 50, Add	11.25	
For >50 To 100, Add	4.35	
For >500 To 1,000, Deduct	-4.35	
For >1,000, Deduct	-7.41	
32 16 13 13-0013 LF 8" x 24" Cast In Place Concrete Curb - Radius.....	40.01	14.36
For Mountable Curb, Add	2.25	
For Up To 20, Add	22.37	
For >20 To 50, Add	12.62	
For >50 To 100, Add	4.87	
For >500 To 1,000, Deduct	-4.87	
For >1,000, Deduct	-8.31	
32 16 13 13-0014 LF 8" x 36" Cast In Place Concrete Curb.....	49.87	17.24
For Mountable Curb, Add	2.60	
For Up To 20, Add	27.22	
For >20 To 50, Add	15.33	
For >50 To 100, Add	5.94	
For >500 To 1,000, Deduct	-5.94	
For >1,000, Deduct	-10.16	
32 16 13 13-0015 LF 8" x 36" Cast In Place Concrete Curb - Radius.....	55.78	19.43
For Mountable Curb, Add	2.96	
For Up To 20, Add	30.59	
For >20 To 50, Add	17.24	
For >50 To 100, Add	6.68	
For >500 To 1,000, Deduct	-6.68	
For >1,000, Deduct	-11.41	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13	13-0016	LF	8" x 48" Cast In Place Concrete Curb .....	61.44	20.47
			<i>For Mountable Curb, Add</i>	2.96	
			<i>For Up To 20, Add</i>	32.75	
			<i>For &gt;20 To 50, Add</i>	18.42	
			<i>For &gt;50 To 100, Add</i>	7.17	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.17	
			<i>For &gt;1,000, Deduct</i>	-12.28	
32 16 13	13-0017	LF	8" x 48" Cast In Place Concrete Curb - Radius.....	68.65	22.99
			<i>For Mountable Curb, Add</i>	3.37	
			<i>For Up To 20, Add</i>	36.78	
			<i>For &gt;20 To 50, Add</i>	20.69	
			<i>For &gt;50 To 100, Add</i>	8.04	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.04	
			<i>For &gt;1,000, Deduct</i>	-13.78	
32 16 13	13-0018	LF	12" x 24" Cast In Place Concrete Curb .....	45.75	14.36
			<i>For Mountable Curb, Add</i>	1.94	
			<i>For Up To 20, Add</i>	23.52	
			<i>For &gt;20 To 50, Add</i>	13.20	
			<i>For &gt;50 To 100, Add</i>	5.16	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.16	
			<i>For &gt;1,000, Deduct</i>	-8.89	
32 16 13	13-0019	LF	12" x 24" Cast In Place Concrete Curb - Radius.....	50.69	16.09
			<i>For Mountable Curb, Add</i>	2.20	
			<i>For Up To 20, Add</i>	26.23	
			<i>For &gt;20 To 50, Add</i>	14.73	
			<i>For &gt;50 To 100, Add</i>	5.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.75	
			<i>For &gt;1,000, Deduct</i>	-9.90	
32 16 13	13-0020	LF	12" x 36" Cast In Place Concrete Curb .....	61.63	19.65
			<i>For Mountable Curb, Add</i>	2.68	
			<i>For Up To 20, Add</i>	31.92	
			<i>For &gt;20 To 50, Add</i>	17.92	
			<i>For &gt;50 To 100, Add</i>	7.00	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.00	
			<i>For &gt;1,000, Deduct</i>	-12.04	
32 16 13	13-0021	LF	12" x 36" Cast In Place Concrete Curb - Radius.....	66.71	22.07
			<i>For Mountable Curb, Add</i>	3.17	
			<i>For Up To 20, Add</i>	35.41	
			<i>For &gt;20 To 50, Add</i>	19.91	
			<i>For &gt;50 To 100, Add</i>	7.75	
			<i>For &gt;500 To 1,000, Deduct</i>	-7.75	
			<i>For &gt;1,000, Deduct</i>	-13.29	
32 16 13	13-0022	LF	12" x 48" Cast In Place Concrete Curb .....	76.47	23.33
			<i>For Mountable Curb, Add</i>	3.01	
			<i>For Up To 20, Add</i>	38.57	
			<i>For &gt;20 To 50, Add</i>	21.61	
			<i>For &gt;50 To 100, Add</i>	8.48	
			<i>For &gt;500 To 1,000, Deduct</i>	-8.48	
			<i>For &gt;1,000, Deduct</i>	-14.63	
32 16 13	13-0023	LF	12" x 48" Cast In Place Concrete Curb - Radius.....	85.33	26.21
			<i>For Mountable Curb, Add</i>	3.43	
			<i>For Up To 20, Add</i>	43.27	
			<i>For &gt;20 To 50, Add</i>	24.26	
			<i>For &gt;50 To 100, Add</i>	9.51	
			<i>For &gt;500 To 1,000, Deduct</i>	-9.51	
			<i>For &gt;1,000, Deduct</i>	-16.39	
32 16 13	13-0024	EA	Additional Finish For Handicap Drop Section In Curb.....	86.21	
32 16 13	13-0025		<b>Cast In Place Concrete Curb And Gutter Assemblies</b> <small>(32 16 13 13)</small>		
			Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.		
32 16 13	13-0026	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	33.46	14.31
			<i>For Up To 20, Add</i>	22.58	
			<i>For &gt;20 To 50, Add</i>	12.54	
			<i>For &gt;50 To 100, Add</i>	5.02	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.18	
			<i>For &gt;1,000, Deduct</i>	-7.10	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.04	
32 16 13	13-0027	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	36.30	19.08
			<i>For Up To 20, Add</i>	24.52	
			<i>For &gt;20 To 50, Add</i>	13.63	
			<i>For &gt;50 To 100, Add</i>	5.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-4.56	
			<i>For &gt;1,000, Deduct</i>	-7.74	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.26	
32 16 13	13-0028	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	41.96	15.86
			<i>For Up To 20, Add</i>	28.34	
			<i>For &gt;20 To 50, Add</i>	15.75	
			<i>For &gt;50 To 100, Add</i>	6.29	
			<i>For &gt;500 To 1,000, Deduct</i>	-5.26	
			<i>For &gt;1,000, Deduct</i>	-8.94	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.59	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0029 LF 6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius .....	46.15	17.65
For Up To 20, Add	31.21	
For >20 To 50, Add	17.36	
For >50 To 100, Add	6.92	
For >500 To 1,000, Deduct	-5.83	
For >1,000, Deduct	-9.89	
For Mountable Or Rolled Curb And Gutter, Add	2.91	
32 16 13 13-0030 LF 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight .....	50.44	19.08
For Up To 20, Add	34.08	
For >20 To 50, Add	18.95	
For >50 To 100, Add	7.57	
For >500 To 1,000, Deduct	-6.34	
For >1,000, Deduct	-10.77	
For Mountable Or Rolled Curb And Gutter, Add	3.14	
32 16 13 13-0031 LF 6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius .....	55.99	21.47
For Up To 20, Add	37.89	
For >20 To 50, Add	21.09	
For >50 To 100, Add	8.40	
For >500 To 1,000, Deduct	-7.09	
For >1,000, Deduct	-12.04	
For Mountable Or Rolled Curb And Gutter, Add	3.57	

**32 17 Paving Specialties** (32 10)**32 17 13 Parking Bumpers** (32 17)

Note: Includes dowels set.

**32 17 13 16 Plastic Parking Bumpers** (32 17 13)

32 17 13 16-0001 EA 4" x 6" x 4' Recycled Plastic Wheel Stop .....	200.61	8.79
32 17 13 16-0002 EA 4" x 6" x 6' Recycled Plastic Wheel Stop .....	227.06	8.79

**32 17 13 19 Precast Concrete Parking Bumpers** (32 17 13)

32 17 13 19-0001 EA 6" x 8" x 4' Precast Concrete Wheel Stop With Dowels .....	77.18	26.47
32 17 13 19-0002 EA 6" x 6" x 6' Precast Concrete Wheel Stop With Dowels .....	88.02	26.47
32 17 13 19-0003 EA 6" x 8" x 6' Precast Concrete Wheel Stop With Dowels .....	91.38	26.47
32 17 13 19-0004 EA 6" x 10" x 6' Precast Concrete Wheel Stop With Dowels .....	95.46	26.47
32 17 13 19-0005 EA 4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels .....	89.41	26.47
32 17 13 19-0006 EA 8" x 13" x 6' Precast Concrete Wheel Stop With Dowels .....	111.85	26.47
32 17 13 19-0007 EA Removal And Relocation Of Precast Concrete Wheel Stop .....	42.36	
32 17 13 19-0008 EA Removal And Relocation Of Plastic Or Wood Wheel Stop .....	27.54	

**32 17 13 23 Rubber Parking Bumpers** (32 17 13)

32 17 13 23-0001 EA 3' Recycled Rubber Wheel Stop .....	33.77	8.79
32 17 13 23-0002 EA 4' Recycled Rubber Wheel Stop .....	38.79	8.79
32 17 13 23-0003 EA 5' Recycled Rubber Wheel Stop .....	40.80	8.79
32 17 13 23-0004 EA 6' Recycled Rubber Wheel Stop .....	43.81	8.79

**32 17 13 26 Wood Parking Bumpers** (32 17 13)

32 17 13 26-0001 LF 4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated .....	11.24	2.12
32 17 13 26-0002 LF 6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated .....	14.06	2.12

**32 17 16 Manufactured Traffic-Calming Devices** (32 17)**32 17 16 00-0001 Speed Bumps** (32 17 16)

Note: Excludes pavement markings or reflectors.

32 17 16 00-0002 LF 2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump .....	31.99	1.92
32 17 16 00-0003 LF 2-1/4" High x 12" Wide, Recycled Rubber Speed Bump .....	30.27	1.28
32 17 16 00-0004 LF 2-5/8" High x 12" Wide, Recycled Plastic Speed Bump .....	198.58	1.28

**32 17 23 Pavement Markings** (32 17)**32 17 23 13 Painted Pavement Markings** (32 17 23)**32 17 23 13-0001 Pavement Striping, Letters, Symbols And Markers For Roads** (32 17 23 13)

Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.

**32 17 23 13-0002 Epoxy Reflective Pavement Marking** (32 17 23 13-0001)

Note: 15 mil thickness.

32 17 23 13-0003 LF Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping .....	0.73	
For 20 Mil Thickness, Add	0.18	
For Up To 5,000 LF, Add	0.15	
For >25,000 LF, Deduct	-0.11	
For Broken Line, Deduct	-0.38	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23	13-0004	LF	Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.03	
			<i>For 20 Mil Thickness, Add</i>	0.26	
			<i>For Up To 5,000 LF, Add</i>	0.21	
			<i>For &gt;25,000 LF, Deduct</i>	-0.15	
			<i>For Broken Line, Deduct</i>	-0.56	
32 17 23	13-0005	LF	Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.26	
			<i>For 20 Mil Thickness, Add</i>	0.32	
			<i>For Up To 5,000 LF, Add</i>	0.25	
			<i>For &gt;25,000 LF, Deduct</i>	-0.19	
			<i>For Broken Line, Deduct</i>	-0.68	
32 17 23	13-0006	LF	Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.92	
			<i>For 20 Mil Thickness, Add</i>	0.51	
			<i>For Up To 5,000 LF, Add</i>	0.38	
			<i>For &gt;25,000 LF, Deduct</i>	-0.29	
			<i>For Broken Line, Deduct</i>	-1.10	
32 17 23	13-0007	LF	Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	1.21	
			<i>For 20 Mil Thickness, Add</i>	0.34	
			<i>For Up To 5,000 LF, Add</i>	0.24	
			<i>For &gt;25,000 LF, Deduct</i>	-0.18	
			<i>For Broken Line On One Side, Deduct</i>	-0.37	
			<i>For Double Broken Line, Deduct</i>	-0.74	
32 17 23	13-0008	LF	Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	1.75	
			<i>For 20 Mil Thickness, Add</i>	0.50	
			<i>For Up To 5,000 LF, Add</i>	0.35	
			<i>For &gt;25,000 LF, Deduct</i>	-0.26	
			<i>For Broken Line On One Side, Deduct</i>	-0.55	
			<i>For Double Broken Line, Deduct</i>	-1.10	
32 17 23	13-0009	SF	Solid Area, Epoxy Reflective Pavement Marking.....	9.01	
			Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
			<i>For 20 Mil Thickness, Add</i>	1.20	
32 17 23	13-0010	EA	6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	5.41	
			<i>For 20 Mil Thickness, Add</i>	0.57	
			<i>For &lt;10, Add</i>	0.65	
			<i>For &gt;50 To 100, Deduct</i>	-0.33	
			<i>For &gt;100 To 200, Deduct</i>	-0.44	
			<i>For &gt;200, Deduct</i>	-0.87	
32 17 23	13-0011	EA	12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	10.40	
			<i>For 20 Mil Thickness, Add</i>	1.60	
			<i>For &lt;10, Add</i>	0.99	
			<i>For &gt;50 To 100, Deduct</i>	-0.49	
			<i>For &gt;100 To 200, Deduct</i>	-0.66	
			<i>For &gt;200, Deduct</i>	-1.32	
32 17 23	13-0012	EA	24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	17.62	
			<i>For 20 Mil Thickness, Add</i>	2.77	
			<i>For &lt;10, Add</i>	1.64	
			<i>For &gt;50 To 100, Deduct</i>	-0.82	
			<i>For &gt;100 To 200, Deduct</i>	-1.10	
			<i>For &gt;200, Deduct</i>	-2.19	
32 17 23	13-0013	EA	36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	33.60	
			<i>For 20 Mil Thickness, Add</i>	5.00	
			<i>For &lt;10, Add</i>	3.28	
			<i>For &gt;50 To 100, Deduct</i>	-1.64	
			<i>For &gt;100 To 200, Deduct</i>	-2.19	
			<i>For &gt;200, Deduct</i>	-4.38	
32 17 23	13-0014	EA	48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	39.79	
			<i>For 20 Mil Thickness, Add</i>	6.31	
			<i>For &lt;10, Add</i>	3.68	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100 To 200, Deduct</i>	-2.46	
			<i>For &gt;200, Deduct</i>	-4.91	
32 17 23	13-0015	EA	72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	71.51	
			<i>For 20 Mil Thickness, Add</i>	11.46	
			<i>For &lt;10, Add</i>	6.55	
			<i>For &gt;50 To 100, Deduct</i>	-3.28	
			<i>For &gt;100 To 200, Deduct</i>	-4.37	
			<i>For &gt;200, Deduct</i>	-8.73	
32 17 23	13-0016	EA	96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	95.28	
			<i>For 20 Mil Thickness, Add</i>	15.14	
			<i>For &lt;10, Add</i>	8.80	
			<i>For &gt;50 To 100, Deduct</i>	-4.40	
			<i>For &gt;100 To 200, Deduct</i>	-5.87	
			<i>For &gt;200, Deduct</i>	-11.73	
32 17 23	13-0017	EA	120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	154.42	
			<i>For 20 Mil Thickness, Add</i>	30.88	
			<i>For &lt;10, Add</i>	10.90	
			<i>For &gt;50 To 100, Deduct</i>	-5.45	
			<i>For &gt;100 To 200, Deduct</i>	-7.27	
			<i>For &gt;200, Deduct</i>	-14.53	
32 17 23	13-0018	EA	Bike Lane Symbol, Epoxy Reflective Pavement Marking.....	126.89	
			Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For 20 Mil Thickness, Add</i>	30.25	
32 17 23	13-0019	EA	Railroad Crossing Symbol, Epoxy Reflective Pavement Marking.....	528.20	
			Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
			<i>For 20 Mil Thickness, Add</i>	145.95	
32 17 23	13-0020	EA	Preferential Lane Symbol (Diamond), Epoxy Reflective Pavement Marking.....	145.41	
			Note: Approximate overall dimensions: 3' width x 12' height.		
			<i>For 20 Mil Thickness, Add</i>	34.17	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0021 EA Through Lane Arrow, Epoxy Reflective Pavement Marking.....	150.95	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
For 20 Mil Thickness, Add	33.70	
32 17 23 13-0022 EA Turn Lane Arrow, Epoxy Reflective Pavement Marking.....	185.23	
Note: Approximate overall dimensions: 6' width x 8' height.		
For 20 Mil Thickness, Add	45.12	
32 17 23 13-0023 EA Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking .....	294.76	
Note: Approximate overall dimensions: 11' width x 8' height.		
For 20 Mil Thickness, Add	80.48	
32 17 23 13-0024 EA Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking .....	302.67	
Note: Approximate overall dimensions: 7' width x 13' height.		
For 20 Mil Thickness, Add	83.12	
32 17 23 13-0025 EA Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking.....	420.83	
Note: Approximate overall dimensions: 9' width x 15' height.		
For 20 Mil Thickness, Add	121.90	
32 17 23 13-0026 EA Elongated Through Lane Arrow, Epoxy Reflective Pavement Marking.....	121.59	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
For 20 Mil Thickness, Add	20.96	
32 17 23 13-0027 EA Elongated Turn Lane Arrow, Epoxy Reflective Pavement Marking.....	164.00	
Note: Approximate overall dimensions: 3' width x 12' height.		
For 20 Mil Thickness, Add	35.10	
32 17 23 13-0028 EA Elongated Dual Turn Lane Arrow, Epoxy Reflective Pavement Marking .....	212.13	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
For 20 Mil Thickness, Add	49.63	
32 17 23 13-0029 EA Elongated Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking.....	217.84	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
For 20 Mil Thickness, Add	51.54	
32 17 23 13-0030 EA Elongated Dual Turn And Through Lane Arrow, Epoxy Reflective Pavement Marking.....	367.65	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
For 20 Mil Thickness, Add	100.57	
32 17 23 13-0031 EA Lane-Reduction Arrow, Epoxy Reflective Pavement Marking.....	327.71	
Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
For 20 Mil Thickness, Add	89.66	
32 17 23 13-0032 EA Wrong-Way Arrow, Epoxy Reflective Pavement Marking .....	313.92	
Note: Approximate overall dimensions: 6' width x 24' height.		
For 20 Mil Thickness, Add	86.27	
<b>32 17 23 13-0033 Painted Reflective Pavement Marking</b> <small>(32 17 23 13-0001)</small>		
Note: 15 mil thickness.		
32 17 23 13-0034 LF Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.32	
For Up To 5,000 LF, Add	0.06	
For >25,000 LF, Deduct	-0.05	
For Broken Line, Deduct	-0.07	
32 17 23 13-0035 LF Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....	0.41	
For Up To 5,000 LF, Add	0.08	
For >25,000 LF, Deduct	-0.06	
For Broken Line, Deduct	-0.10	
32 17 23 13-0036 LF Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....	0.52	
For Up To 5,000 LF, Add	0.10	
For >25,000 LF, Deduct	-0.08	
For Broken Line, Deduct	-0.12	
32 17 23 13-0037 LF Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....	0.70	
For Up To 5,000 LF, Add	0.14	
For >25,000 LF, Deduct	-0.11	
For Broken Line, Deduct	-0.18	
32 17 23 13-0038 LF Double 4" Wide Solid Lines, Painted Reflective Pavement Striping .....	0.46	
For Up To 5,000 LF, Add	0.09	
For >25,000 LF, Deduct	-0.07	
For Broken Line On One Side, Deduct	-0.06	
For Double Broken Line, Deduct	-0.12	
32 17 23 13-0039 LF Double 6" Wide Solid Lines, Painted Reflective Pavement Striping .....	0.70	
For Up To 5,000 LF, Add	0.14	
For >25,000 LF, Deduct	-0.11	
For Broken Line On One Side, Deduct	-0.09	
For Double Broken Line, Deduct	-0.18	
32 17 23 13-0040 SF Solid Area, Painted Reflective Pavement Striping .....	6.61	
Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0041 EA 6" High, Letter/Number, Painted Reflective Pavement Marking.....	4.92	
For <10, Add	0.65	
For >50 To 100, Deduct	-0.33	
For >100 To 200, Deduct	-0.44	
For >200, Deduct	-0.87	
32 17 23 13-0042 EA 12" High, Letter/Number, Painted Reflective Pavement Marking.....	8.63	
For <10, Add	0.99	
For >50 To 100, Deduct	-0.49	
For >100 To 200, Deduct	-0.66	
For >200, Deduct	-1.32	
32 17 23 13-0043 EA 24" High, Letter/Number, Painted Reflective Pavement Marking.....	14.53	
For <10, Add	1.64	
For >50 To 100, Deduct	-0.82	
For >100 To 200, Deduct	-1.10	
For >200, Deduct	-2.19	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23	13-0044	EA	36" High, Letter/Number, Painted Reflective Pavement Marking.....	28.17	
			<i>For &lt;10, Add</i>	3.28	
			<i>For &gt;50 To 100, Deduct</i>	-1.64	
			<i>For &gt;100 To 200, Deduct</i>	-2.19	
			<i>For &gt;200, Deduct</i>	-4.38	
32 17 23	13-0045	EA	48" High, Letter/Number, Painted Reflective Pavement Marking.....	32.72	
			<i>For &lt;10, Add</i>	3.68	
			<i>For &gt;50 To 100, Deduct</i>	-1.84	
			<i>For &gt;100 To 200, Deduct</i>	-2.46	
			<i>For &gt;200, Deduct</i>	-4.91	
32 17 23	13-0046	EA	72" High, Letter/Number, Painted Reflective Pavement Marking.....	58.60	
			<i>For &lt;10, Add</i>	6.55	
			<i>For &gt;50 To 100, Deduct</i>	-3.28	
			<i>For &gt;100 To 200, Deduct</i>	-4.37	
			<i>For &gt;200, Deduct</i>	-8.73	
32 17 23	13-0047	EA	96" High, Letter/Number, Painted Reflective Pavement Marking.....	78.30	
			<i>For &lt;10, Add</i>	8.80	
			<i>For &gt;50 To 100, Deduct</i>	-4.40	
			<i>For &gt;100 To 200, Deduct</i>	-5.87	
			<i>For &gt;200, Deduct</i>	-11.73	
32 17 23	13-0048	EA	120" High, Letter/Number, Painted Reflective Pavement Marking.....	116.52	
			<i>For &lt;10, Add</i>	10.90	
			<i>For &gt;50 To 100, Deduct</i>	-5.45	
			<i>For &gt;100 To 200, Deduct</i>	-7.27	
			<i>For &gt;200, Deduct</i>	-14.53	
32 17 23	13-0049	EA	Bike Lane Symbol, Painted Reflective Pavement Marking .....	87.76	
			Note: Approximate overall dimensions: 4' width x 8' height.		
32 17 23	13-0050	EA	Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	332.56	
			Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
32 17 23	13-0051	EA	Preferential Lane Symbol (Diamond), Painted Reflective Pavement Marking .....	101.39	
			Note: Approximate overall dimensions: 3' width x 12' height.		
32 17 23	13-0052	EA	Through Lane Arrow, Painted Reflective Pavement Marking.....	108.16	
			Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23	13-0053	EA	Turn Lane Arrow, Painted Reflective Pavement Marking.....	126.54	
			Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23	13-0054	EA	Dual Turn Lane Arrow, Painted Reflective Pavement Marking .....	187.16	
			Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23	13-0055	EA	Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	191.41	
			Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23	13-0056	EA	Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	255.76	
			Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23	13-0057	EA	Elongated Through Lane Arrow, Painted Reflective Pavement Marking.....	97.24	
			Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
32 17 23	13-0058	EA	Elongated Turn Lane Arrow, Painted Reflective Pavement Marking .....	119.98	
			Note: Approximate overall dimensions: 3' width x 12' height.		
32 17 23	13-0059	EA	Elongated Dual Turn Lane Arrow, Painted Reflective Pavement Marking .....	167.72	
			Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
32 17 23	13-0060	EA	Elongated Turn And Through Lane Arrow, Painted Reflective Pavement Marking.....	173.38	
			Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
32 17 23	13-0061	EA	Elongated Dual Turn And Through Lane Arrow, Painted Reflective Pavement Marking .....	233.15	
			Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
32 17 23	13-0062	EA	Lane-Reduction Arrow, Painted Reflective Pavement Marking.....	209.09	
			Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
32 17 23	13-0063	EA	Wrong-Way Arrow, Painted Reflective Pavement Marking.....	268.49	
			Note: Approximate overall dimensions: 6' width x 24' height.		
32 17 23	13-0064		<b>Pavement Striping, Letters And Symbols For Parking Areas</b> (32 17 23 13)		
			Note: Includes primers. Per Coat.		
32 17 23	13-0065		<b>Painted Pavement Marking For Parking Areas</b> (32 17 23 13-0064)		
			Note: 15 mil thickness.		
32 17 23	13-0066	LF	Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.17	
32 17 23	13-0067	LF	Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.28	
32 17 23	13-0068	LF	Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.35	
32 17 23	13-0069	LF	Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.52	
32 17 23	13-0070	SF	Solid Area, Painted Pavement Marking For Parking Areas.....	6.57	
			Note: Use task for lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23	13-0071	EA	6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	4.80	
			<i>For Up To 10, Add</i>	0.64	
			<i>For &gt;50 To 100, Deduct</i>	-0.32	
			<i>For &gt;100 To 200, Deduct</i>	-0.43	
			<i>For &gt;200, Deduct</i>	-0.85	
32 17 23	13-0072	EA	12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	8.36	
			<i>For Up To 10, Add</i>	0.96	
			<i>For &gt;50 To 100, Deduct</i>	-0.48	
			<i>For &gt;100 To 200, Deduct</i>	-0.64	
			<i>For &gt;200, Deduct</i>	-1.27	
32 17 23	13-0073	EA	24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	14.10	
			<i>For Up To 10, Add</i>	1.59	
			<i>For &gt;50 To 100, Deduct</i>	-0.80	
			<i>For &gt;100 To 200, Deduct</i>	-1.06	
			<i>For &gt;200, Deduct</i>	-2.12	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0074 EA 36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	26.29	
<i>For Up To 10, Add</i>	3.03	
<i>For &gt;50 To 100, Deduct</i>	-1.51	
<i>For &gt;100 To 200, Deduct</i>	-2.02	
<i>For &gt;200, Deduct</i>	-4.04	
32 17 23 13-0075 EA 42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	34.65	
<i>For Up To 10, Add</i>	4.14	
<i>For &gt;50 To 100, Deduct</i>	-2.07	
<i>For &gt;100 To 200, Deduct</i>	-2.76	
<i>For &gt;200, Deduct</i>	-5.52	
32 17 23 13-0076 EA 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas .....	41.96	
<i>For Up To 10, Add</i>	5.10	
<i>For &gt;50 To 100, Deduct</i>	-2.55	
<i>For &gt;100 To 200, Deduct</i>	-3.40	
<i>For &gt;200, Deduct</i>	-6.80	
32 17 23 13-0077 EA 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas .....	57.02	
<i>For Up To 10, Add</i>	6.38	
<i>For &gt;50 To 100, Deduct</i>	-3.19	
<i>For &gt;100 To 200, Deduct</i>	-4.25	
<i>For &gt;200, Deduct</i>	-8.50	
32 17 23 13-0078 EA Through Lane Arrow, Painted Pavement Marking For Parking Areas .....	106.81	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0079 EA Turn Lane Arrow, Painted Pavement Marking For Parking Areas .....	124.69	
Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0080 EA Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas .....	183.77	
Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0081 EA Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas .....	187.90	
Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0082 EA Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas .....	250.55	
Note: Approximate overall dimensions: 9' width x 15' height.		
32 17 23 13-0083 EA Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas .....	41.62	
Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.		
<i>For Blue Background With White Symbol, Add</i>	34.12	
<i>For Blue Background With White Symbol And Border, Add</i>	42.65	
32 17 23 13-0084 EA Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas .....	64.12	
Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.		
<i>For Blue Background With White Symbol, Add</i>	73.17	
<i>For Blue Background With White Symbol And Border, Add</i>	91.46	
<b>32 17 23 13-0085 Painted Curbs</b> <small>(32 17 23 13)</small>		
Note: All colors.		
32 17 23 13-0086 LF Reflective Painted Curb .....	3.63	
32 17 23 13-0087 LF Reflective Painted Curb And Gutter.....	6.91	
32 17 23 13-0088 LF Painted Curb.....	2.94	
32 17 23 13-0089 LF Painted Curb And Gutter .....	6.30	
<b>32 17 23 13-0090 Markings For Outdoor Play Areas, Courts</b> <small>(32 17 23 13)</small>		
32 17 23 13-0091 LF 2" Wide Marking For Outdoor Play Areas .....	1.31	
32 17 23 13-0092 LF 3" Wide Marking For Outdoor Play Areas .....	1.49	
32 17 23 13-0093 LF 4" Wide Marking For Outdoor Play Areas .....	1.68	
32 17 23 13-0094 LF 6" Wide Marking For Outdoor Play Areas .....	2.01	
32 17 23 13-0095 EA Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera).....	380.72	
<b>32 17 23 23 Raised Pavement Markings</b> <small>(32 17 23)</small>		
<b>32 17 23 23-0001 Raised Pavement Markers (RPMs)</b> <small>(32 17 23 23)</small>		
Note: White, Red, Yellow/Amber, Green or Blue		
32 17 23 23-0002 EA One-Way Reflective, Raised Pavement Marker (RPM) .....	8.27	3.20
<i>For &gt;100, Deduct</i>	-0.83	
32 17 23 23-0003 EA Two-Way Reflective, Raised Pavement Marker (RPM) .....	8.77	3.20
<i>For &gt;100, Deduct</i>	-0.88	
32 17 23 23-0004 EA 4" Diameter, Non-Reflective, Raised Pavement Marker (RPM).....	7.63	3.20
<i>For &gt;100, Deduct</i>	-0.76	
<b>32 17 23 23-0005 Snowplowable Pavement Markers</b> <small>(32 17 23 23)</small>		
32 17 23 23-0006 EA One-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	83.33	35.72
32 17 23 23-0007 EA Two-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	83.76	35.72
32 17 23 23-0008 EA Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker.....	24.20	
32 17 23 23-0009 EA Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker .....	30.58	
<b>32 17 23 33 Plastic Pavement Markings</b> <small>(32 17 23)</small>		
<b>32 17 23 33-0001 Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads</b> <small>(32 17 23 33)</small>		
Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 17 23 33-0002		<b>Thermoplastic Reflective Pavement Marking</b> <small>(32 17 23 33-0001)</small>		
		Note: 90 mil thickness.		
32 17 23 33-0003	LF	Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	1.46	
		For Up To 5,000 LF, Add	0.29	
		For >25,000 LF, Deduct	-0.22	
		For 60 mils Thick, Deduct	-0.20	
		For 125 mils Thick, Add	0.26	
		For Broken Line, Deduct	-0.87	
32 17 23 33-0004	LF	Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	2.10	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	0.42	
		For >25,000 LF, Deduct	-0.32	
		For 60 mils Thick, Deduct	-0.30	
		For 125 mils Thick, Add	0.39	
		For Broken Line, Deduct	-1.30	
32 17 23 33-0005	LF	Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	2.78	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	0.56	
		For >25,000 LF, Deduct	-0.42	
		For 60 mils Thick, Deduct	-0.40	
		For 125 mils Thick, Add	0.52	
		For Broken Line, Deduct	-1.73	
32 17 23 33-0006	LF	Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	4.08	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	0.82	
		For >25,000 LF, Deduct	-0.61	
		For 60 mils Thick, Deduct	-0.61	
		For 125 mils Thick, Add	0.78	
		For Broken Line, Deduct	-2.60	
32 17 23 33-0007	LF	Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	2.77	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	0.55	
		For >25,000 LF, Deduct	-0.42	
		For 60 mils Thick, Deduct	-0.40	
		For 125 mils Thick, Add	0.52	
		For Broken Line On One Side, Deduct	-0.87	
		For Double Broken Line, Deduct	-1.73	
32 17 23 33-0008	LF	Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....	4.08	
		Note: Includes yellow or white.		
		For Up To 5,000 LF, Add	0.82	
		For >25,000 LF, Deduct	-0.61	
		For 60 mils Thick, Deduct	-0.61	
		For 125 mils Thick, Add	0.78	
		For Broken Line On One Side, Deduct	-1.30	
		For Double Broken Line, Deduct	-2.60	
32 17 23 33-0009	SF	Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	9.82	
		Note: Includes yellow or white.		
		For 60 mils Thick, Deduct	-0.60	
		For 125 mils Thick, Add	0.78	
32 17 23 33-0010	EA	6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	6.63	
		For Up To 10, Add	0.72	
		For >50 To 100, Deduct	-0.36	
		For >100 To 200, Deduct	-0.48	
		For >200, Deduct	-0.96	
		For 60 mils Thick, Deduct	-0.32	
		For 125 mils Thick, Add	0.41	
32 17 23 33-0011	EA	12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	13.89	
		For Up To 10, Add	1.08	
		For >50 To 100, Deduct	-0.54	
		For >100 To 200, Deduct	-0.72	
		For >200, Deduct	-1.44	
		For 60 mils Thick, Deduct	-1.17	
		For 125 mils Thick, Add	1.50	
32 17 23 33-0012	EA	24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	23.69	
		For Up To 10, Add	1.80	
		For >50 To 100, Deduct	-0.90	
		For >100 To 200, Deduct	-1.20	
		For >200, Deduct	-2.40	
		For 60 mils Thick, Deduct	-2.04	
		For 125 mils Thick, Add	2.63	
32 17 23 33-0013	EA	36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	44.65	
		For Up To 10, Add	3.62	
		For >50 To 100, Deduct	-1.81	
		For >100 To 200, Deduct	-2.41	
		For >200, Deduct	-4.82	
		For 60 mils Thick, Deduct	-3.59	
		For 125 mils Thick, Add	4.62	
32 17 23 33-0014	EA	48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	53.67	
		For Up To 10, Add	4.05	
		For >50 To 100, Deduct	-2.02	
		For >100 To 200, Deduct	-2.70	
		For >200, Deduct	-5.40	
		For 60 mils Thick, Deduct	-4.67	
		For 125 mils Thick, Add	6.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0015 EA 72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	96.80	
<i>For Up To 10, Add</i>	7.20	
<i>For &gt;50 To 100, Deduct</i>	-3.60	
<i>For &gt;100 To 200, Deduct</i>	-4.80	
<i>For &gt;200, Deduct</i>	-9.61	
<i>For 60 mils Thick, Deduct</i>	-8.53	
<i>For 125 mils Thick, Add</i>	10.97	
32 17 23 33-0016 EA 96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	128.67	
<i>For Up To 10, Add</i>	9.68	
<i>For &gt;50 To 100, Deduct</i>	-4.84	
<i>For &gt;100 To 200, Deduct</i>	-6.45	
<i>For &gt;200, Deduct</i>	-12.90	
<i>For 60 mils Thick, Deduct</i>	-11.23	
<i>For 125 mils Thick, Add</i>	14.44	
32 17 23 33-0017 EA 120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	223.12	
<i>For Up To 10, Add</i>	11.99	
<i>For &gt;50 To 100, Deduct</i>	-5.99	
<i>For &gt;100 To 200, Deduct</i>	-7.99	
<i>For &gt;200, Deduct</i>	-15.98	
<i>For 60 mils Thick, Deduct</i>	-25.06	
<i>For 125 mils Thick, Add</i>	32.22	
32 17 23 33-0018 SF Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	11.84	
<i>For 60 mils Thick, Deduct</i>	-0.81	
<i>For 125 mils Thick, Add</i>	1.04	
32 17 23 33-0019 EA Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	188.96	
Note: Approximate overall dimensions: 4' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-25.63	
<i>For 125 mils Thick, Add</i>	32.95	
32 17 23 33-0020 EA Railroad Crossing Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	838.53	
Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.		
<i>For 60 mils Thick, Deduct</i>	-128.15	
<i>For 125 mils Thick, Add</i>	164.76	
32 17 23 33-0021 EA Preferential Lane Symbol (Diamond), 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	215.23	
Note: Approximate overall dimensions: 3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-28.83	
<i>For 125 mils Thick, Add</i>	37.07	
32 17 23 33-0022 EA Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	218.84	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
<i>For 60 mils Thick, Deduct</i>	-28.03	
<i>For 125 mils Thick, Add</i>	36.04	
32 17 23 33-0023 EA Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	278.33	
Note: Approximate overall dimensions: 6' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-38.44	
<i>For 125 mils Thick, Add</i>	49.43	
32 17 23 33-0024 EA Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	465.44	
Note: Approximate overall dimensions: 11' width x 8' height.		
<i>For 60 mils Thick, Deduct</i>	-70.48	
<i>For 125 mils Thick, Add</i>	90.62	
32 17 23 33-0025 EA Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	479.17	
Note: Approximate overall dimensions: 7' width x 13' height.		
<i>For 60 mils Thick, Deduct</i>	-72.88	
<i>For 125 mils Thick, Add</i>	93.71	
32 17 23 33-0026 EA Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	682.67	
Note: Approximate overall dimensions: 9' width x 15' height.		
<i>For 60 mils Thick, Deduct</i>	-108.13	
<i>For 125 mils Thick, Add</i>	139.02	
32 17 23 33-0027 EA Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	160.23	
Note: Approximate overall dimensions: 1-2/3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-15.95	
<i>For 125 mils Thick, Add</i>	20.51	
32 17 23 33-0028 EA Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	233.82	
Note: Approximate overall dimensions: 3' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-28.83	
<i>For 125 mils Thick, Add</i>	37.07	
32 17 23 33-0029 EA Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	376.43	
Note: Approximate overall dimensions: 5-1/2' width x 12' height.		
<i>For 60 mils Thick, Deduct</i>	-52.86	
<i>For 125 mils Thick, Add</i>	67.96	
32 17 23 33-0030 EA Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	394.74	
Note: Approximate overall dimensions: 3-1/2' width x 20' height.		
<i>For 60 mils Thick, Deduct</i>	-56.06	
<i>For 125 mils Thick, Add</i>	72.08	
32 17 23 33-0031 EA Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	581.00	
Note: Approximate overall dimensions: 5-1/2' width x 20' height.		
<i>For 60 mils Thick, Deduct</i>	-88.10	
<i>For 125 mils Thick, Add</i>	113.27	
32 17 23 33-0032 EA Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	522.16	
Note: Approximate overall dimensions: 5-1/2' width x 18' height.		
<i>For 60 mils Thick, Deduct</i>	-79.29	
<i>For 125 mils Thick, Add</i>	101.95	
32 17 23 33-0033 EA Wrong-Way Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....	723.86	
Note: Approximate overall dimensions: 6' width x 24' height.		
<i>For 60 mils Thick, Deduct</i>	-115.33	
<i>For 125 mils Thick, Add</i>	148.29	



**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>32 17 23 33-0034</b>	<b>Thermoplastic Reflective Pavement Striping By Hand For Repairs</b> <small>(32 17 23 33-0001)</small>		
32 17 23 33-0035	LF Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	3.41	
	<i>For 60 mils Thick, Deduct</i>	-0.20	
	<i>For 125 mils Thick, Add</i>	0.26	
32 17 23 33-0036	LF Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	4.29	
	<i>For 60 mils Thick, Deduct</i>	-0.30	
	<i>For 125 mils Thick, Add</i>	0.39	
32 17 23 33-0037	LF Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	5.29	
	<i>For 60 mils Thick, Deduct</i>	-0.40	
	<i>For 125 mils Thick, Add</i>	0.52	
32 17 23 33-0038	LF Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	7.61	
	<i>For 60 mils Thick, Deduct</i>	-0.61	
	<i>For 125 mils Thick, Add</i>	0.78	
32 17 23 33-0039	LF Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs .....	13.66	
	<i>For 60 mils Thick, Deduct</i>	-1.21	
	<i>For 125 mils Thick, Add</i>	1.56	
<b>32 17 23 33-0040</b>	<b>Preformed, Patterned Reflective Pavement Marking Tape</b> <small>(32 17 23 33-0001)</small>		
	Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0041	LF Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping .....	3.15	
	Note: Includes yellow or white.		
	<i>For Up To 5,000 LF, Add</i>	0.63	
	<i>For &gt;25,000 LF, Deduct</i>	-0.47	
32 17 23 33-0042	LF Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping .....	4.67	
	Note: Includes yellow or white.		
	<i>For Up To 5,000 LF, Add</i>	0.93	
	<i>For &gt;25,000 LF, Deduct</i>	-0.70	
32 17 23 33-0043	LF Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping .....	6.20	
	Note: Includes yellow or white.		
	<i>For Up To 5,000 LF, Add</i>	1.24	
	<i>For &gt;25,000 LF, Deduct</i>	-0.93	
32 17 23 33-0044	LF Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping .....	9.21	
	Note: Includes yellow or white.		
	<i>For Up To 5,000 LF, Add</i>	1.84	
	<i>For &gt;25,000 LF, Deduct</i>	-1.38	
32 17 23 33-0045	SF Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape .....	26.10	
	Note: Includes yellow or white.		
32 17 23 33-0046	EA 6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	38.73	
	<i>For &lt;10, Add</i>	1.31	
	<i>For &gt;50 To 100, Deduct</i>	-0.65	
	<i>For &gt;100 To 200, Deduct</i>	-0.87	
	<i>For &gt;200, Deduct</i>	-1.74	
32 17 23 33-0047	EA 12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	68.18	
	<i>For &lt;10, Add</i>	1.66	
	<i>For &gt;50 To 100, Deduct</i>	-0.83	
	<i>For &gt;100 To 200, Deduct</i>	-1.11	
	<i>For &gt;200, Deduct</i>	-2.21	
32 17 23 33-0048	EA 24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	117.26	
	<i>For &lt;10, Add</i>	3.28	
	<i>For &gt;50 To 100, Deduct</i>	-1.64	
	<i>For &gt;100 To 200, Deduct</i>	-2.19	
	<i>For &gt;200, Deduct</i>	-4.38	
32 17 23 33-0049	EA 36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	169.86	
	<i>For &lt;10, Add</i>	6.57	
	<i>For &gt;50 To 100, Deduct</i>	-3.28	
	<i>For &gt;100 To 200, Deduct</i>	-4.38	
	<i>For &gt;200, Deduct</i>	-8.76	
32 17 23 33-0050	EA 48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	198.99	
	<i>For &lt;10, Add</i>	7.36	
	<i>For &gt;50 To 100, Deduct</i>	-3.68	
	<i>For &gt;100 To 200, Deduct</i>	-4.91	
	<i>For &gt;200, Deduct</i>	-9.82	
32 17 23 33-0051	EA 72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	255.84	
	<i>For &lt;10, Add</i>	13.10	
	<i>For &gt;50 To 100, Deduct</i>	-6.55	
	<i>For &gt;100 To 200, Deduct</i>	-8.74	
	<i>For &gt;200, Deduct</i>	-17.47	
32 17 23 33-0052	EA 96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	326.46	
	<i>For &lt;10, Add</i>	17.60	
	<i>For &gt;50 To 100, Deduct</i>	-8.80	
	<i>For &gt;100 To 200, Deduct</i>	-11.73	
	<i>For &gt;200, Deduct</i>	-23.46	
32 17 23 33-0053	EA 120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	409.13	
	<i>For &lt;10, Add</i>	21.80	
	<i>For &gt;50 To 100, Deduct</i>	-10.90	
	<i>For &gt;100 To 200, Deduct</i>	-14.54	
	<i>For &gt;200, Deduct</i>	-29.07	
32 17 23 33-0054	SF Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	26.95	
32 17 23 33-0055	SF Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape .....	28.55	
	Note: Handicap, railroad, diamond symbol, etc.		
<b>32 17 23 33-0056</b>	<b>Preformed, Thermoplastic Reflective Pavement Marking</b> <small>(32 17 23 33-0001)</small>		
	Note: Heat applied. (Flint PreMark or HotTape Series).		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0057 EA Prefomed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 412.10 Note: Approximate overall dimensions: 4' width x 8' height.	412.10	
32 17 23 33-0058 EA Prefomed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 1,093.01 Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,093.01	
32 17 23 33-0059 EA Prefomed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 217.88 Note: Approximate overall dimensions: 3-1/4' width x 13' height.	217.88	
32 17 23 33-0060 EA 6' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 183.96 Note: Approximate overall dimensions: 2' width x 6' height.	183.96	
32 17 23 33-0061 EA 9-1/2' Height, Prefomed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 357.91 Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	357.91	
32 17 23 33-0062 EA 4' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 213.30 Note: Approximate overall dimensions: 3' width x 4' height.	213.30	
32 17 23 33-0063 EA 8' Height, Prefomed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 398.56 Note: Approximate overall dimensions: 6' width x 8' height.	398.56	
32 17 23 33-0064 EA Prefomed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape..... 681.69 Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	681.69	
32 17 23 33-0065 EA Prefomed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 1,026.79 Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,026.79	
32 17 23 33-0066 EA Prefomed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 368.32 Note: Approximate overall dimensions: 1-2/3' width x 12' height.	368.32	
32 17 23 33-0067 EA Prefomed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 408.97 Note: Approximate overall dimensions: 3' width x 12' height.	408.97	
32 17 23 33-0068 EA Prefomed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 754.18 Note: Approximate overall dimensions: 5-1/2' width x 12' height.	754.18	
32 17 23 33-0069 EA Prefomed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 693.37 Note: Approximate overall dimensions: 3-1/2' width x 20' height.	693.37	
32 17 23 33-0070 EA Prefomed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 696.56 Note: Approximate overall dimensions: 5-1/2' width x 20' height.	696.56	
32 17 23 33-0071 EA Prefomed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape ..... 958.14 Note: Approximate overall dimensions: 5-1/2' width x 18' height.	958.14	
<b>32 17 23 33-0072 Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas</b> <small>(32 17 23 33)</small>		
<b>32 17 23 33-0073 Thermoplastic Pavement Marking Symbols For Parking Areas</b> <small>(32 17 23 33-0072)</small> Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0074 EA 28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas ..... 140.48 Note: White or blue symbol. Excludes striping.	140.48	
32 17 23 33-0075 EA 39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas ..... 527.14 Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	527.14	
32 17 23 33-0076 EA 40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas ..... 298.68 Note: White symbol on blue background. Excludes striping.	298.68	
32 17 23 33-0077 EA 45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas ..... 358.74 Note: White symbol on blue background. Excludes striping.	358.74	
32 17 23 33-0078 EA 48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas ..... 375.97 Note: White symbol on blue background. Excludes striping.	375.97	
<b>32 17 26 Tactile Warning Surfaces</b> <small>(32 17)</small>		
<b>32 17 26 00-0001 Vitrified Polymer Composite (VPC); (Armor Tile)</b> <small>(32 17 26)</small> Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002 SF Surface Applied VPC Truncated Dome Detectable Warning Surface ..... 71.54 Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	71.54	11.06
32 17 26 00-0003 SF Embedded, VPC Truncated Dome Detectable Warning Surface ..... 57.17 Note: Also raised strips or directional bars. All colors.	57.17	11.06
<b>32 18 Athletic and Recreational Surfacing</b> <small>(32 10)</small>		
<b>32 18 16 Synthetic Resilient Surfacing</b> <small>(32 18)</small>		
<b>32 18 16 13 Playground Protective Surfacing</b> <small>(32 18 16)</small>		
<b>32 18 16 13-0001 Tile Playground Surface Material</b> <small>(32 18 16 13)</small> Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002 SF 1-3/4" Thick, Resilient Rubber Tile Playground Surfacing ..... 24.89 <i>For Manufacturer's Standard Colors, Add</i> 1.46 <i>For Interlocking Tiles, Add</i> 3.25 <i>For Mechanically Fastened, Add</i> 2.13 <i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i> 1.50	24.89	2.89
32 18 16 13-0003 SF 2" Thick, Resilient Rubber Tile Playground Surfacing ..... 25.44 <i>For Manufacturer's Standard Colors, Add</i> 1.46 <i>For Interlocking Tiles, Add</i> 3.25 <i>For Mechanically Fastened, Add</i> 2.24 <i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i> 1.50	25.44	3.06

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0004 SF 2-1/4" Thick, Resilient Rubber Tile Playground Surfacing .....	26.52	3.41
For Manufacturer's Standard Colors, Add	1.46	
For Interlocking Tiles, Add	3.25	
For Mechanically Fastened, Add	2.45	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0005 SF 2-1/2" Thick, Resilient Rubber Tile Playground Surfacing .....	27.60	3.78
For Manufacturer's Standard Colors, Add	1.46	
For Interlocking Tiles, Add	3.25	
For Mechanically Fastened, Add	2.67	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0006 SF 3" Thick, Resilient Rubber Tile Playground Surfacing .....	30.77	4.14
For Manufacturer's Standard Colors, Add	1.10	
For Interlocking Tiles, Add	3.67	
For Mechanically Fastened, Add	2.88	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0007 SF 3" Thick, Resilient Rubber Tile Playground Surfacing.....	31.97	4.54
For Manufacturer's Standard Colors, Add	1.10	
For Interlocking Tiles, Add	3.67	
For Mechanically Fastened, Add	3.12	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0008 SF 3-1/4" Thick, Resilient Rubber Tile Playground Surfacing .....	33.21	4.95
For Manufacturer's Standard Colors, Add	1.10	
For Interlocking Tiles, Add	3.67	
For Mechanically Fastened, Add	3.37	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0009 SF 3-1/2" Thick, Resilient Rubber Tile Playground Surfacing .....	36.47	5.29
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	4.10	
For Mechanically Fastened, Add	3.60	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0010 SF 3-3/4" Thick, Resilient Rubber Tile Playground Surfacing .....	37.55	5.72
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	4.10	
For Mechanically Fastened, Add	3.81	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0011 SF 4" Thick, Resilient Rubber Tile Playground Surfacing.....	38.74	6.05
For Manufacturer's Standard Colors, Add	0.61	
For Interlocking Tiles, Add	4.10	
For Mechanically Fastened, Add	4.05	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
32 18 16 13-0012 SF 4-1/2" Thick, Resilient Rubber Tile Playground Surfacing .....	44.54	6.80
For Manufacturer's Standard Colors, Add	0.60	
For Interlocking Tiles, Add	4.80	
For Mechanically Fastened, Add	4.51	
For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add	1.50	
<b>32 18 16 13-0013 Loose Laid Playground Surface Material</b> <small>(32 18 16 13)</small>		
Note: Excludes sub base.		
32 18 16 13-0014 SF 3" Loose Laid Wood Fiber Safety Playground Surfacing .....	2.04	0.43
32 18 16 13-0015 SF 6" Loose Laid Wood Fiber Safety Playground Surfacing .....	2.72	0.54
32 18 16 13-0016 SF 9" Loose Laid Wood Fiber Safety Playground Surfacing .....	3.45	0.65
32 18 16 13-0017 SF 12" Loose Laid Wood Fiber Safety Playground Surfacing .....	4.89	0.98
32 18 16 13-0018 SF 3" Loose Laid Synthetic Fiber Safety Playground Surfacing .....	3.04	0.43
32 18 16 13-0019 SF 6" Loose Laid Synthetic Fiber Safety Playground Surfacing .....	3.77	0.54
32 18 16 13-0020 SF 9" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	5.75	0.65
32 18 16 13-0021 SF 12" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	7.21	0.98
32 18 16 13-0022 SF 8" FIBAR System Playground Surfacing .....	12.24	1.62
Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.		
32 18 16 13-0023 SF 12" FIBAR System Playground Surfacing .....	15.58	2.16
Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.		
<b>32 18 16 13-0024 Poured In Place Playground Surfacing</b> <small>(32 18 16 13)</small>		
Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.		
32 18 16 13-0025 SF 1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing .....	20.92	3.38
For Up To 2,000, Add	4.48	
For >2,000 To 3,000, Add	3.15	
For >3,000 To 4,000, Add	2.14	
For >4,000 To 5,000, Add	1.36	
For >5,000 To 7,000, Add	0.56	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0026 SF 2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing .....	21.58	3.75
For Up To 2,000, Add	4.61	
For >2,000 To 3,000, Add	3.24	
For >3,000 To 4,000, Add	2.20	
For >4,000 To 5,000, Add	1.41	
For >5,000 To 7,000, Add	0.58	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0027 SF 2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	23.29	4.28
For Up To 2,000, Add	4.98	
For >2,000 To 3,000, Add	3.50	
For >3,000 To 4,000, Add	2.38	
For >4,000 To 5,000, Add	1.52	
For >5,000 To 7,000, Add	0.63	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0028 SF 3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	25.16	4.56
For Up To 2,000, Add	5.38	
For >2,000 To 3,000, Add	3.78	
For >3,000 To 4,000, Add	2.57	
For >4,000 To 5,000, Add	1.64	
For >5,000 To 7,000, Add	0.68	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0029 SF 3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	27.02	4.80
For Up To 2,000, Add	5.78	
For >2,000 To 3,000, Add	4.06	
For >3,000 To 4,000, Add	2.76	
For >4,000 To 5,000, Add	1.76	
For >5,000 To 7,000, Add	0.73	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0030 SF 4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	28.60	5.07
For Up To 2,000, Add	6.12	
For >2,000 To 3,000, Add	4.30	
For >3,000 To 4,000, Add	2.92	
For >4,000 To 5,000, Add	1.86	
For >5,000 To 7,000, Add	0.77	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0031 SF 4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	30.46	5.35
For Up To 2,000, Add	6.51	
For >2,000 To 3,000, Add	4.58	
For >3,000 To 4,000, Add	3.11	
For >4,000 To 5,000, Add	1.98	
For >5,000 To 7,000, Add	0.82	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0032 SF 5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	34.17	6.00
For Up To 2,000, Add	7.31	
For >2,000 To 3,000, Add	5.14	
For >3,000 To 4,000, Add	3.49	
For >4,000 To 5,000, Add	2.23	
For >5,000 To 7,000, Add	0.92	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0033 SF 1/2" Top Only, Poured In Place Playground Surfacing .....	13.66	
Note: Not used with new surfacing system tasks.		
For Up To 2,000, Add	4.43	
For >2,000 To 3,000, Add	2.86	
For >3,000 To 4,000, Add	1.74	
For >4,000 To 5,000, Add	1.05	
For >5,000 To 7,000, Add	0.47	
For Aliphatic (Non-Yellowing) Binder, Add	4.37	
For Each 10% Of Area In Black Instead Of Color, Deduct	-0.61	
32 18 16 13-0034 EA Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing .....	3,331.72	
<b>32 18 16 13-0035 Synthetic Playground Turf (Sporturf) <sup>(32 18 16 13)</sup></b>		
Note: Excludes base preparation, aggregate, or drainage.		
32 18 16 13-0036 SF 60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929).....	11.09	
32 18 16 13-0037 SF 71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906) .....	9.79	
32 18 16 13-0038 SF 2" Foam Padding (Sporturf).....	6.35	
32 18 16 13-0039 CF Sand/Rubber Infill (Sporturf).....	63.29	
<b>32 18 23 Athletic Surfacing <sup>(32 18)</sup></b>		
<b>32 18 23 13 Baseball Field Surfacing <sup>(32 18 23)</sup></b>		
<b>32 18 23 13-0001 Clay Infield Maintenance <sup>(32 18 23 13)</sup></b>		
32 18 23 13-0002 MSF Playing Field Maintenance (Clay - Nail Drag) .....	13.99	
32 18 23 13-0003 MSF Playing Field Maintenance (Clay - Screen Drag) .....	13.99	
32 18 23 13-0004 CY Playing Field Maintenance Of Clay .....	115.12	
32 18 23 13-0005 Ton Medium Pro Baseball Infield Mix (Diamond Select 60/40 Pro Infield Mix) .....	189.84	
<b>32 18 23 23 Field Sport Surfacing <sup>(32 18 23)</sup></b>		
<b>32 18 23 23-0001 Turf Field Maintenance <sup>(32 18 23 23)</sup></b>		
32 18 23 23-0002 ACR Turf Aeration (Minimum 6" Penetration).....	188.27	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 18 23 23-0003	MSF Top Dressing 1/8" - 1/4" Sand .....	17.82
32 18 23 23-0004	BAG Envirofill, 50 Lb. Bag .....	135.82

**32 18 23 29 Synthetic Field Sport Surfacing (32 18 23)**

32 18 23 29-0001	Synthetic Field Sport Surfacing (32 18 23 29)	
32 18 23 29-0002	Synthetic Turf (AstroTurf) (32 18 23 29-0001) Note: Includes labor, equipment and material required to install the task.	
32 18 23 29-0003	Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) (32 18 23 29-0002)	
32 18 23 29-0004	38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) (32 18 23 29-0003)	
32 18 23 29-0005	SF 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38) .....	8.80
	For Ambient Rubber And Sand Infill, Add .....	0.10
	For Cryo Rubber Infill, Add .....	0.26
	For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
	For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0006	EA Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields .....	28,026.03
32 18 23 29-0007	EA Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields .....	22,843.86
32 18 23 29-0008	EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields .....	6,874.31
	Note: Per sport.	
32 18 23 29-0009	EA End Zone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields .....	2,538.21
	Note: Per letter. Excludes outline.	
32 18 23 29-0010	EA Colored End Zone For AstroTurf® GameDay Grass™ MT 38 Fields .....	2,432.45
	Note: Per end zone.	
32 18 23 29-0011	EA Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields .....	21,151.72
	Note: Block letter.	
32 18 23 29-0012	EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields .....	30,669.99
	Note: Graphic.	
32 18 23 29-0013	41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) (32 18 23 29-0003)	
32 18 23 29-0014	SF 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41) .....	10.08
	For Ambient Rubber And Sand Infill, Add .....	0.10
	For Cryo Rubber Infill, Add .....	0.26
	For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
	For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0015	EA Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields .....	28,554.99
32 18 23 29-0016	EA Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields .....	23,690.07
32 18 23 29-0017	EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields .....	7,403.15
	Note: Per sport.	
32 18 23 29-0018	EA End Zone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields .....	2,749.74
	Note: Per letter. Excludes outline.	
32 18 23 29-0019	EA Colored End Zone For AstroTurf® GameDay Grass™ MT 41 Fields .....	2,538.22
	Note: Per end zone.	
32 18 23 29-0020	EA Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields .....	22,209.44
	Note: Block letter.	
32 18 23 29-0021	EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields .....	32,203.69
	Note: Graphic.	
32 18 23 29-0022	45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) (32 18 23 29-0003)	
32 18 23 29-0023	SF 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45) .....	10.26
	For Ambient Rubber And Sand Infill, Add .....	0.10
	For Cryo Rubber Infill, Add .....	0.26
	For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add .....	0.31
	For Cryo Rubber And Sand Infill, Add .....	0.36
32 18 23 29-0024	EA Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields .....	29,083.79
32 18 23 29-0025	EA Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields .....	25,593.73
32 18 23 29-0026	EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields .....	7,931.94
	Note: Per sport.	
32 18 23 29-0027	EA End Zone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields .....	2,961.26
	Note: Per letter. Excludes outline.	
32 18 23 29-0028	EA Colored End Zone For AstroTurf® GameDay Grass™ MT 45 Fields .....	2,643.98
	Note: Per end zone.	
32 18 23 29-0029	EA Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields .....	23,267.03
	Note: Block letter.	
32 18 23 29-0030	EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields .....	33,737.20
	Note: Graphic.	
32 18 23 29-0031	Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) (32 18 23 29-0002)	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 18 23 29-0032</b> <b>52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52)</b> <small>(32 18 23 29-0031)</small>		
32 18 23 29-0033   SF   52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52) .....	11.46	
<i>For Ambient Rubber And Sand Infill, Add</i> .....	0.10	
<i>For Cryo Rubber Infill, Add</i> .....	0.20	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i> .....	0.25	
<i>For Cryo Rubber And Sand Infill, Add</i> .....	0.30	
32 18 23 29-0034   EA   Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	30,141.20	
32 18 23 29-0035   EA   Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	32,150.61	
32 18 23 29-0036   EA   Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	8,989.48	
Note: Per sport.		
32 18 23 29-0037   EA   End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	3,384.28	
Note: Per letter. Excludes outline.		
32 18 23 29-0038   EA   Colored End Zone For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	2,855.48	
Note: Per end zone.		
32 18 23 29-0039   EA   Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	25,382.06	
Note: Block letter.		
32 18 23 29-0040   EA   Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields .....	36,803.99	
Note: Graphic.		
<b>32 18 23 29-0041</b> <b>60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60)</b> <small>(32 18 23 29-0031)</small>		
32 18 23 29-0042   SF   60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60) .....	11.84	
<i>For Ambient Rubber And Sand Infill, Add</i> .....	0.10	
<i>For Cryo Rubber Infill, Add</i> .....	0.20	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i> .....	0.25	
<i>For Cryo Rubber And Sand Infill, Add</i> .....	0.30	
32 18 23 29-0043   EA   Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	30,669.99	
32 18 23 29-0044   EA   Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	35,746.41	
32 18 23 29-0045   EA   Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	9,518.27	
Note: Per sport.		
32 18 23 29-0046   EA   End Zone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	3,595.79	
Note: Per letter. Excludes outline.		
32 18 23 29-0047   EA   Colored End Zone For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	2,961.24	
Note: Per end zone.		
32 18 23 29-0048   EA   Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	26,439.65	
Note: Block letter.		
32 18 23 29-0049   EA   Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields .....	38,337.49	
Note: Graphic.		
<b>32 18 23 29-0050</b> <b>52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52)</b> <small>(32 18 23 29-0031)</small>		
32 18 23 29-0051   SF   52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52) .....	11.86	
<i>For Ambient Rubber And Sand Infill, Add</i> .....	0.10	
<i>For Cryo Rubber Infill, Add</i> .....	0.20	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i> .....	0.25	
<i>For Cryo Rubber And Sand Infill, Add</i> .....	0.30	
32 18 23 29-0052   EA   Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields .....	31,198.79	
32 18 23 29-0053   EA   Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields .....	35,957.92	
32 18 23 29-0054   EA   Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields .....	10,047.07	
Note: Per sport.		
32 18 23 29-0055   EA   End Zone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields .....	3,807.31	
Note: Per letter. Excludes outline.		
32 18 23 29-0056   EA   Colored End Zone For AstroTurf® GameDay Grass™ 3D 52 Fields .....	3,067.00	
Note: Per end zone.		
32 18 23 29-0057   EA   Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields .....	27,497.24	
Note: Block letter.		
32 18 23 29-0058   EA   Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields .....	39,870.99	
Note: Graphic.		
<b>32 18 23 29-0059</b> <b>60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60)</b> <small>(32 18 23 29-0031)</small>		
32 18 23 29-0060   SF   60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60) .....	12.08	
<i>For Ambient Rubber And Sand Infill, Add</i> .....	0.10	
<i>For Cryo Rubber Infill, Add</i> .....	0.20	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i> .....	0.25	
<i>For Cryo Rubber And Sand Infill, Add</i> .....	0.30	
32 18 23 29-0061   EA   Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields .....	31,727.58	
32 18 23 29-0062   EA   Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields .....	38,284.61	
32 18 23 29-0063   EA   Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields .....	10,575.86	
Note: Per sport.		
32 18 23 29-0064   EA   End Zone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields .....	4,230.34	
Note: Per letter. Excludes outline.		
32 18 23 29-0065   EA   Colored End Zone For AstroTurf® GameDay Grass™ 3D 60 Fields .....	3,172.76	
Note: Per end zone.		

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0066	EA		Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields.....	28,554.82	
			Note: Block letter.		
32 18 23 29-0067	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields.....	41,404.49	
			Note: Graphic.		
32 18 23 29-0068			<b>Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) <sup>(32 18 23 29-0002)</sup></b>		
32 18 23 29-0069			<b>38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) <sup>(32 18 23 29-0068)</sup></b>		
32 18 23 29-0070	SF		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38).....	9.69	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.26	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0071	EA		Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields.....	26,968.60	
32 18 23 29-0072	EA		Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields.....	19,882.74	
32 18 23 29-0073	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields.....	5,816.76	
			Note: Per sport.		
32 18 23 29-0074	EA		End Zone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields.....	2,115.18	
			Note: Per letter. Excludes outline.		
32 18 23 29-0075	EA		Colored End Zone For AstroTurf® GameDay Grass™ XPe 38 Fields.....	2,220.94	
			Note: Per end zone.		
32 18 23 29-0076	EA		Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	19,036.66	
			Note: Block letter.		
32 18 23 29-0077	EA		Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	27,603.16	
			Note: Graphic.		
32 18 23 29-0078			<b>42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) <sup>(32 18 23 29-0068)</sup></b>		
32 18 23 29-0079	SF		42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42).....	8.54	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.26	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0080	EA		Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields.....	27,497.24	
32 18 23 29-0081	EA		Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields.....	21,151.72	
32 18 23 29-0082	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields.....	6,345.52	
			Note: Per sport.		
32 18 23 29-0083	EA		End Zone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields.....	2,326.69	
			Note: Per letter. Excludes outline.		
32 18 23 29-0084	EA		Colored End Zone For AstroTurf® GameDay Grass™ XPe 42 Fields.....	2,326.69	
			Note: Per end zone.		
32 18 23 29-0085	EA		Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	20,094.13	
			Note: Block letter.		
32 18 23 29-0086	EA		Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	29,136.49	
			Note: Graphic.		
32 18 23 29-0087			<b>Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) <sup>(32 18 23 29-0002)</sup></b>		
32 18 23 29-0088	SF		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®).....	18.87	
32 18 23 29-0089	SF		Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®).....	16.92	
32 18 23 29-0090	EA		Football Markings For AstroTurf® PureGrass® Fields.....	52,184.97	
32 18 23 29-0091	EA		Baseball Markings For AstroTurf® PureGrass® Fields.....	61,997.53	
32 18 23 29-0092	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields.....	15,164.86	
			Note: Per sport.		
32 18 23 29-0093	EA		End Zone Lettering For AstroTurf® PureGrass® Fields.....	5,798.33	
			Note: Per letter. Excludes outline.		
32 18 23 29-0094	EA		Colored End Zone For AstroTurf® PureGrass® Fields.....	4,303.92	
			Note: Per end zone.		
32 18 23 29-0095	EA		Simple Logo For AstroTurf® PureGrass® Fields.....	38,735.24	
			Note: Block letter.		
32 18 23 29-0096	EA		Deluxe Logo For AstroTurf® PureGrass® Fields.....	56,868.24	
			Note: Graphic.		
32 18 23 29-0097			<b>Synthetic Turf (G9 Turf) <sup>(32 18 23 29-0001)</sup></b>		
			Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098	SF		2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf).....	10.52	
			Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.		
			<i>For &gt;35,000, Deduct</i>	-0.96	
32 18 23 29-0099	SF		2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf).....	10.42	
			Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.		
			<i>For &gt;35,000, Deduct</i>	-0.95	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0100 SF 1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf).....	10.88	
Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0101 EA Football Inlays For G9 Synthetic Turf .....	72,159.26	
Note: Includes field grid, numbers, arrows, coach's box and kick off lines.		
32 18 23 29-0102 EA Soccer Inlays For G9 Synthetic Turf.....	31,269.01	
32 18 23 29-0103 EA Boys Lacrosse Inlays For G9 Synthetic Turf.....	31,269.01	
32 18 23 29-0104 EA Girls Lacrosse Inlays For G9 Synthetic Turf.....	31,269.01	
32 18 23 29-0105 EA Field Hockey Inlays For G9 Synthetic Turf .....	31,269.01	
32 18 23 29-0106 EA End Zone Lettering For G9 Synthetic Turf.....	3,607.96	
Note: Priced per letter. Includes single color outlining.		
32 18 23 29-0107 SF Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf .....	3.38	
32 18 23 29-0108 SF Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf.....	8.82	
32 18 23 29-0109 SF Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf.....	2.52	
32 18 23 29-0110 SF Sand Infill For G9 Synthetic Turf.....	1.27	
32 18 23 29-0111 SF Acrylic Coated Sand Infill For G9 Synthetic Turf.....	2.09	
32 18 23 29-0112 EA Gmax Compaction And Hardness Test For G9 Synthetic Turf .....	2,405.31	
Note: Includes a comprehensive report.		
32 18 23 29-0113 EA Safety Bridge Over Track For G9 Synthetic Turf .....	24,053.09	
32 18 23 29-0114 SF Clean And Groom Synthetic Turf.....	0.79	
Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.		
For >10,000 To 30,000, Deduct	-0.32	
For >30,000 To 60,000, Deduct	-0.55	
For >60,000, Deduct	-0.60	
32 18 23 29-0115 SF Rejuvenate Synthetic Turf And Reinstall Existing Infill.....	5.39	
Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.		
32 18 23 29-0116 SF Rejuvenate Synthetic Turf For Installation Of New Infill.....	5.99	
Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high-pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.		
32 18 23 29-0117 SF Drainage Layer For G9 Synthetic Turf .....	4.91	
Note: Used for drainage over asphalt or on rooftops.		
32 18 23 29-0118 SF 15 mm, Shock Pad For G9 Synthetic Turf .....	3.02	
Note: Used for additional Gmax for a stone base field.		
32 18 23 29-0119 EA Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf .....	4,793.60	
Note: Includes field inspection and report.		
32 18 23 29-0120 LF Repair Inlay Lines Or Seams On G9 Synthetic Turf .....	13.18	
Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.		
32 18 23 29-0121 LF Nailer Used To Attach G9 Synthetic Turf.....	5.27	
32 18 23 29-0122 SF Removal And Recycling Of Existing Field.....	3.72	
Note: Includes removal, shipping and recycling of infill, fibers and backing.		
<b>32 18 23 33 Running Track Surfacing (32 18 23)</b>		
<b>32 18 23 33-0001 Running Track Surfacing (32 18 23 33)</b>		
32 18 23 33-0002 SY 2-1/2" Asphaltic Concrete Running Track Surfacing.....	32.42	
<b>32 18 23 33-0003 Running Track Seal And Colored Surfaces (32 18 23 33)</b>		
32 18 23 33-0004 SY 1 Seal Coat, Striping Of Track.....	20.14	
Note: Includes certification.		
<b>32 18 23 39 Synthetic Running Track Surfacing (32 18 23)</b>		
<b>32 18 23 39-0001 Synthetic Running Track Surfacing And Striping (32 18 23 39)</b>		
Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.		
32 18 23 39-0002 SY Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing.....	86.62	7.77
For >5,500, Deduct	-6.64	
For Up To 4,000, Add	21.12	
32 18 23 39-0003 SY Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing.....	108.39	7.77
For >5,500, Deduct	-8.91	
For Up To 4,000, Add	28.34	
For Custom Color Upgrade, Add	7.69	
For Aliphatic Top Coating, Add	14.57	
32 18 23 39-0004 SY Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing.....	177.20	7.77
For >5,500, Deduct	-8.16	
For Up To 4,000, Add	47.62	
For Custom Color Upgrade, Add	10.48	
For Aliphatic Top Coating, Add	19.46	
32 18 23 39-0005 SY Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing.....	230.34	7.77
For >5,500, Deduct	-10.55	
For Up To 4,000, Add	61.52	
For Custom Color Upgrade, Add	13.71	
For Aliphatic Top Coating, Add	20.04	

**32 Exterior Improvements****32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23	39-0006	SY	Latex Binder, Synthetic Running Track Surfacing..... <i>For &gt;5,500, Deduct</i> <i>For Up To 4,000, Add</i>	77.32 -11.21 27.06	
32 18 23	39-0007	SY	Spray Retop Running Tracks..... <i>For Up To 4,000, Add</i> <i>For &gt;5,500, Deduct</i>	67.92 23.77 -6.64	
32 18 23	39-0008	SY	Sandwich Retop Running Tracks..... <i>For Up To 4,000, Add</i> <i>For &gt;5,500, Deduct</i>	131.46 46.01 -13.86	
<b>32 18 23 53 Tennis Court Surfacing (32 18 23)</b>					
32 18 23	53-0001		Tennis Court Surfacing (32 18 23 53) See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.		
32 18 23	53-0002	SY	Tennis Court Bituminous Pavement, 2-1/2" Thick.....	28.93	
32 18 23	53-0003		Tennis Court Markings (32 18 23 53)		
32 18 23	53-0004	EA	Paint Markings On Asphalt Tennis Court 2 Coats.....	679.90	
<b>32 18 23 56 Natural Tennis Court Surfacing (32 18 23)</b>					
32 18 23	56-0001	SY	Clay Tennis Court.....	39.59	
32 18 23	56-0002	SY	Tennis Court, Pulverized Natural Greenstone, Fast Dry..... Note: Includes 4" base.	43.82	
32 18 23	56-0003	SY	Tennis Court, Rubber-Cork Base Resilient Pavement.....	21.26	
32 18 23	56-0004	SY	Resurface Clay Tennis Court.....	12.52	
32 18 23	56-0005	SY	Resurface Tennis Court, Pulverized Natural Greenstone.....	10.86	
32 18 23	56-0006	SY	Resurface Tennis Court, Resilient Pavement.....	9.09	
<b>32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing (32 18 23)</b>					
32 18 23	61-0001		100% Acrylic Athletic Surfacing System (Plexipave®) (32 18 23 61) Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23	61-0002		Surface Preparation For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001)		
32 18 23	61-0003	SY	100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat..... Note: Includes ultra fine silica sand. Applied with rubber squeegee.	1.98	
32 18 23	61-0004	SY	Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat..... Note: For previously uncoated portland cement concrete. Applied with broom.	1.10	
32 18 23	61-0005	SY	Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat..... Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.	2.85	
32 18 23	61-0006	SY	Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat..... Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.	117.59	
32 18 23	61-0007		Surface Coatings For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001) Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.		
32 18 23	61-0008	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat..... Note: Includes ultra fine silica sand. Applied with rubber squeegee.	4.34	
			<i>For Pacific Blue, Add</i>	0.25	
			<i>For US Open Blue, Add</i>	0.89	
32 18 23	61-0009	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat..... Note: Includes ultra fine silica sand. Applied with rubber squeegee.	3.48	
			<i>For Pacific Blue, Add</i>	0.18	
			<i>For US Open Blue, Add</i>	0.64	
32 18 23	61-0010	SY	100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat..... Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.	3.00	
			<i>For Pacific Blue, Add</i>	0.14	
			<i>For US Open Blue, Add</i>	0.50	
32 18 23	61-0011	SY	Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat..... Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.	3.19	
			<i>For Pacific Blue, Add</i>	0.08	
			<i>For US Open Or Australian Open Blue, Add</i>	0.58	
			<i>For Pro Purple, Add</i>	1.50	
32 18 23	61-0012		Line Striping For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001)		
32 18 23	61-0013	SY	Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®)..... Note: Textured or non-textured highly reflective line marking paint.	1.85	



		<b>Exterior Improvements</b>	<b>32</b>
		<b>Bases, Ballasts, and Paving</b>	<b>32 10</b>
		<b>Athletic and Recreational Surfacing</b>	<b>32 18</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

32 18 23 61-0014	<b>Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®)</b> <small>(32 18 23 61-0001)</small>	
32 18 23 61-0015 SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat ..... 7.30 Note: Applied with rubber squeegee.	
32 18 23 61-0016 SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat ..... 10.09 Note: Applied with rubber squeegee.	
32 18 23 61-0017 SY	Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat ..... 8.63 Note: Price per coat for third or additional coats. Applied with rubber squeegee.	
32 18 23 61-0018 SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat ..... 6.38 Note: Applied with rubber squeegee.	
32 18 23 61-0019 SY	Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat ..... 4.79 Note: Price per coat for second or additional coats. Applied with rubber squeegee.	
32 18 23 61-0020	<b>Resurface Athletic Court</b> <small>(32 18 23 61)</small> Note: Excludes asphalt or concrete sub base and repairs of sub base.	
32 18 23 61-0021 SY	Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster) ..... 2.97	

**32 30 Site Improvements** (32)**32 31 Fences and Gates** (32 30)**32 31 11 Gate Operators** (32 31)**32 31 11 00-0001 Gate Operators** (32 31 11)

Note: Excludes gates, electrical connections, access controls and concrete foundation.

**32 31 11 00-0002 Gate Operators (DKS™ DoorKing®)** (32 31 11 00-0001)**32 31 11 00-0003 Swing Gate Actuator (DKS™ DoorKing®)** (32 31 11 00-0002)**32 31 11 00-0004 Single Gate, Swing Gate Actuator** (32 31 11 00-0003)

32 31 11 00-0005 EA	Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) ..... 2,074.29	264.41
	Note: Includes one primary operator with a 10' wide gate capacity.	
32 31 11 00-0006 EA	Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) ..... 2,744.00	264.41
	Note: Includes one primary operator with a 14' wide gate capacity.	

**32 31 11 00-0007 Dual Gate, Swing Gate Actuator** (32 31 11 00-0003)

32 31 11 00-0008 EA	Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003) ..... 4,148.60	528.81
	Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.	
32 31 11 00-0009 EA	Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002) ..... 5,488.02	528.81
	Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.	

**32 31 11 00-0010 Swing Gate Operators (DKS™ DoorKing®)** (32 31 11 00-0002)**32 31 11 00-0011 Single Gate, Swing Gate Operators** (32 31 11 00-0010)

32 31 11 00-0012 EA	400 Lb. Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050) ..... 4,169.27	264.41
	Note: Includes one primary operator with a 10' wide and 400 Lb. gate capacity.	
32 31 11 00-0013 EA	500 Lb. Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100) ..... 4,529.89	264.41
	Note: Includes one primary operator with a 14' wide and 500 Lb. gate capacity.	
32 31 11 00-0014 EA	700 Lb. Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) ..... 6,126.88	264.41
	Note: Includes one primary operator with an 18' wide and 700 Lb. gate capacity.	
	<i>For 208/230/460 Volt AC, Add</i> 322.50	
32 31 11 00-0015 EA	800 Lb. Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500) ..... 6,933.97	264.41
	Note: Includes one primary operator with a 22' wide and 800 Lb. gate capacity.	
	<i>For 208/230/460 Volt AC, Add</i> 322.50	

**32 31 11 00-0016 Dual Gate, Swing Gate Operators** (32 31 11 00-0010)

32 31 11 00-0017 EA	400 Lb. Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050) ..... 7,394.11	528.81
	Note: Includes one primary and one secondary operator each with a 10' wide and 400 Lb. gate capacity.	
32 31 11 00-0018 EA	500 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100) ..... 8,115.33	528.81
	Note: Includes one primary and one secondary operator each with a 14' wide and 500 Lb. gate capacity.	
32 31 11 00-0019 EA	700 Lb. Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500) ..... 11,292.15	528.81
	Note: Includes one primary and one secondary operator each with an 18' wide and 700 Lb. gate capacity.	
	<i>For 208/230/460 Volt AC, Add</i> 322.50	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0020	EA		800 Lb. Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	13,060.87	528.81
			Note: Includes one primary and one secondary operator each with a 22' wide and 800 Lb. gate capacity. For 208/230/460 Volt AC, Add	322.50	
<b>32 31 11 00-0021</b>			<b>Sliding Gate Operators (DKS™ DoorKing®)</b> (32 31 11 00-0002) Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.		
32 31 11 00-0022	EA		300 Lb. Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050).....	1,987.82	264.41
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0023	EA		1,000 Lb. Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100).....	2,756.78	317.29
			Note: Includes operator, chain brackets, hardware and 20' of #41 chain.		
32 31 11 00-0024	EA		1,500 Lb. Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150).....	3,375.76	317.29
			Note: Includes operator, chain brackets, hardware and 20' of #40 chain.		
32 31 11 00-0025	EA		3,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210).....	4,387.87	370.17
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0026	EA		2,000 Lb. Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220).....	5,342.86	370.17
			Note: Includes operator, chain brackets, hardware and 20' of #50 chain.		
32 31 11 00-0027	EA		5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230).....	7,252.50	423.06
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0028	EA		5,000 Lb. Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530).....	11,987.66	423.06
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
32 31 11 00-0029	EA		10,000 Lb. Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550).....	20,210.83	475.94
			Note: Includes operator, chain brackets, hardware and 20' of #60 chain.		
<b>32 31 11 00-0030</b>			<b>Accessories For Gate Actuators And Operators (DKS™ DoorKing®)</b> (32 31 11 00-0002)		
32 31 11 00-0031	EA		Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410).....	712.75	
32 31 11 00-0032	EA		Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409).....	1,389.44	
32 31 11 00-0033	EA		Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601).....	898.41	
32 31 11 00-0034	EA		Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031).....	987.00	
32 31 11 00-0035	EA		Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020).....	883.97	
32 31 11 00-0036	EA		Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310).....	634.97	
32 31 11 00-0037	LF		#40 Chain For Sliding Gate Operators.....	6.12	
32 31 11 00-0038	LF		#41 Chain For Sliding Gate Operators.....	6.38	
32 31 11 00-0039	LF		#50 Chain For Sliding Gate Operators.....	8.10	
32 31 11 00-0040	LF		#60 Chain For Sliding Gate Operators.....	12.35	
32 31 11 00-0041	EA		Exterior Keypad Gate Operator (Linear AK-11).....	722.68	145.12
<b>32 31 11 00-0042</b>			<b>Sliding Gate Operator (LiftMaster)</b> (32 31 11 00-0001)		
32 31 11 00-0043	EA		Up To 1,500 Lb. Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U).....	2,954.32	322.76
			Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoops (LMRRUL) and 5' Resistive Safety Edge (S505AL).		
			For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add	191.03	
			For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add	136.74	
			For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add	67.34	
			For 10 Watt Solar Panel (Liftmaster SP10W12V), Add	270.67	
			For Each Additional 10' Chain, Add	40.54	
<b>32 31 13</b>			<b>Chain Link Fences and Gates</b> (32 31)		
<b>32 31 13 13</b>			<b>Chain Link Fences and Gates</b> (32 31 13)		
32 31 13 13-0001			<b>Post Holes</b> (32 31 13 13) Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0075 for core drilling in concrete, 02 41 19 13-0213 for core drilling in asphalt.		
32 31 13 13-0002			<b>Auger By Machine Fence Post Hole In Soil</b> (32 31 13 13-0001)		
32 31 13 13-0003	VLF		Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	11.00	
32 31 13 13-0004	VLF		2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	12.37	
32 31 13 13-0005	VLF		3" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	14.67	
32 31 13 13-0006	VLF		4" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	16.51	
32 31 13 13-0007	VLF		6" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	18.01	
32 31 13 13-0008	VLF		8" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	19.81	
32 31 13 13-0009	VLF		10" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	22.01	
32 31 13 13-0010	VLF		12" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	24.76	
32 31 13 13-0011	VLF		18" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	28.29	
32 31 13 13-0012	VLF		24" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	33.01	
32 31 13 13-0013	VLF		30" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	39.60	
32 31 13 13-0014	VLF		36" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	49.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 13 13-0015</b> <b>Post Hole In Rock</b> <small>(32 31 13 13-0001)</small>		
32 31 13 13-0016    CF    Jackhammer Post Hole In Rock.....	84.78	
32 31 13 13-0017    CF    Rock Drill Post Hole In Rock.....	21.99	
<b>32 31 13 13-0018</b> <b>Fill For Post Holes</b> <small>(32 31 13 13-0001)</small>		
See CSI section 03 21 00 00-0000 for reinforcing steel.		
<b>32 31 13 13-0019</b> <b>Concrete Fill For Post Holes</b> <small>(32 31 13 13-0018)</small>		
32 31 13 13-0020    VLF    Up To 2-1/2" Diameter, Concrete Fill For Post Hole.....	6.94	
32 31 13 13-0021    VLF    2-1/2" Diameter, Concrete Fill For Post Hole.....	8.93	
32 31 13 13-0022    VLF    3" Diameter, Concrete Fill For Post Hole.....	9.82	
32 31 13 13-0023    VLF    4" Diameter, Concrete Fill For Post Hole.....	11.27	
32 31 13 13-0024    VLF    6" Diameter, Concrete Fill For Post Hole.....	15.89	
32 31 13 13-0025    VLF    8" Diameter, Concrete Fill For Post Hole.....	21.20	
32 31 13 13-0026    VLF    10" Diameter, Concrete Fill For Post Hole.....	25.93	
32 31 13 13-0027    VLF    12" Diameter, Concrete Fill For Post Hole.....	30.23	
32 31 13 13-0028    VLF    18" Diameter, Concrete Fill For Post Hole.....	41.14	
32 31 13 13-0029    VLF    24" Diameter, Concrete Fill For Post Hole.....	50.99	
32 31 13 13-0030    VLF    30" Diameter, Concrete Fill For Post Hole.....	60.60	
32 31 13 13-0031    VLF    36" Diameter, Concrete Fill For Post Hole.....	70.57	
<b>32 31 13 13-0032</b> <b>Grout Fill For Post Holes</b> <small>(32 31 13 13-0018)</small>		
32 31 13 13-0033    VLF    Up To 2-1/2" Diameter, Grout Fill For Post Hole.....	8.25	
32 31 13 13-0034    VLF    2-1/2" Diameter, Grout Fill For Post Hole.....	10.62	
32 31 13 13-0035    VLF    3" Diameter, Grout Fill For Post Hole.....	11.56	
32 31 13 13-0036    VLF    4" Diameter, Grout Fill For Post Hole.....	12.98	
32 31 13 13-0037    VLF    6" Diameter, Grout Fill For Post Hole.....	18.12	
32 31 13 13-0038    VLF    8" Diameter, Grout Fill For Post Hole.....	24.19	
32 31 13 13-0039    VLF    10" Diameter, Grout Fill For Post Hole.....	29.47	
32 31 13 13-0040    VLF    12" Diameter, Grout Fill For Post Hole.....	34.19	
32 31 13 13-0041    VLF    18" Diameter, Grout Fill For Post Hole.....	45.67	
32 31 13 13-0042    VLF    24" Diameter, Grout Fill For Post Hole.....	55.75	
32 31 13 13-0043    VLF    30" Diameter, Grout Fill For Post Hole.....	65.51	
32 31 13 13-0044    VLF    36" Diameter, Grout Fill For Post Hole.....	75.50	
<b>32 31 13 13-0045</b> <b>Compacted Earth Fill For Post Holes</b> <small>(32 31 13 13-0018)</small>		
32 31 13 13-0046    VLF    Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole.....	5.88	
32 31 13 13-0047    VLF    2-1/2" Diameter, Compacted Earth Fill For Post Hole.....	7.66	
32 31 13 13-0048    VLF    3" Diameter, Compacted Earth Fill For Post Hole.....	8.01	
32 31 13 13-0049    VLF    4" Diameter, Compacted Earth Fill For Post Hole.....	8.24	
32 31 13 13-0050    VLF    6" Diameter, Compacted Earth Fill For Post Hole.....	11.01	
32 31 13 13-0051    VLF    8" Diameter, Compacted Earth Fill For Post Hole.....	14.69	
32 31 13 13-0052    VLF    10" Diameter, Compacted Earth Fill For Post Hole.....	17.62	
32 31 13 13-0053    VLF    12" Diameter, Compacted Earth Fill For Post Hole.....	19.98	
32 31 13 13-0054    VLF    18" Diameter, Compacted Earth Fill For Post Hole.....	24.35	
32 31 13 13-0055    VLF    24" Diameter, Compacted Earth Fill For Post Hole.....	27.32	
32 31 13 13-0056    VLF    30" Diameter, Compacted Earth Fill For Post Hole.....	29.97	
32 31 13 13-0057    VLF    36" Diameter, Compacted Earth Fill For Post Hole.....	32.32	
<b>32 31 13 13-0058</b> <b>Fence Posts</b> <small>(32 31 13 13)</small>		
Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 13 13-0059</b> <b>Fence Posts</b> <small>(32 31 13 13-0058)</small>		
<b>32 31 13 13-0060</b> <b>1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel</b> <small>(32 31 13 13-0059)</small>		
Note: Includes cap and accessories.		
32 31 13 13-0061    LF    1-7/8" Galvanized H-beam Post, Up To 6' In Length.....	21.03	3.36
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0062    LF    1-7/8" Galvanized H-beam Post, 7' To 10' In Length.....	20.08	2.86
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0063    LF    1-7/8" Galvanized H-beam Post, 11' To 15' In Length.....	18.91	2.36
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0064    LF    1-7/8" Galvanized H-beam Post, 16' To 20' In Length.....	17.98	1.87
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0065    LF    1-7/8" Galvanized H-beam Post, 21' To 24' In Length.....	17.36	1.62
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0066    LF    1-7/8" Galvanized H-beam Post, >24' In Length.....	16.38	1.12
For Each Top Rail Fitting, Add	0.85	
<b>32 31 13 13-0067</b> <b>Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal)</b> <small>(32 31 13 13-0059)</small>		
Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0068	LF Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	14.49	3.11
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.07	
	<i>For Vinyl Coated, Add</i>	4.96	
	<i>For Powder Coated, Add</i>	6.62	
	<i>For Aluminum Coated, Add</i>	10.34	
	<i>For Schedule 20, Deduct</i>	-1.65	
	<i>For Schedule 80, Add</i>	4.59	
32 31 13 13-0069	LF 7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	13.40	2.61
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.04	
	<i>For Vinyl Coated, Add</i>	4.89	
	<i>For Powder Coated, Add</i>	6.52	
	<i>For Aluminum Coated, Add</i>	10.19	
	<i>For Schedule 20, Deduct</i>	-1.63	
	<i>For Schedule 80, Add</i>	4.44	
32 31 13 13-0070	LF 11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	12.28	2.11
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.02	
	<i>For Vinyl Coated, Add</i>	4.85	
	<i>For Powder Coated, Add</i>	6.47	
	<i>For Aluminum Coated, Add</i>	10.11	
	<i>For Schedule 20, Deduct</i>	-1.62	
	<i>For Schedule 80, Add</i>	4.30	
32 31 13 13-0071	LF 16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	11.42	1.62
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.02	
	<i>For Vinyl Coated, Add</i>	4.84	
	<i>For Powder Coated, Add</i>	6.45	
	<i>For Aluminum Coated, Add</i>	10.08	
	<i>For Schedule 20, Deduct</i>	-1.61	
	<i>For Schedule 80, Add</i>	4.20	
32 31 13 13-0072	LF 21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	10.85	1.37
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.01	
	<i>For Vinyl Coated, Add</i>	4.83	
	<i>For Powder Coated, Add</i>	6.44	
	<i>For Aluminum Coated, Add</i>	10.06	
	<i>For Schedule 20, Deduct</i>	-1.61	
	<i>For Schedule 80, Add</i>	4.14	
32 31 13 13-0073	LF >24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post.....	10.25	1.12
	<i>For Each Top Rail Fitting, Add</i>	0.85	
	<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
	<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.01	
	<i>For Vinyl Coated, Add</i>	4.83	
	<i>For Powder Coated, Add</i>	6.44	
	<i>For Aluminum Coated, Add</i>	10.06	
	<i>For Schedule 20, Deduct</i>	-1.61	
	<i>For Schedule 80, Add</i>	4.08	
32 31 13 13-0074	<b>Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal)</b> (32 31 13 13-0059)		
	Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0075	LF 2" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	16.54	3.23
	<i>For Each Top Rail Fitting, Add</i>	1.35	
	<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
	<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.53	
	<i>For Vinyl Coated, Add</i>	6.07	
	<i>For Powder Coated, Add</i>	8.09	
	<i>For Aluminum Coated, Add</i>	12.64	
	<i>For Schedule 20, Deduct</i>	-2.02	
	<i>For Schedule 80, Add</i>	5.50	
32 31 13 13-0076	LF 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	15.54	2.74
	<i>For Each Top Rail Fitting, Add</i>	1.35	
	<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
	<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
	<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.49	
	<i>For Vinyl Coated, Add</i>	5.98	
	<i>For Powder Coated, Add</i>	7.98	
	<i>For Aluminum Coated, Add</i>	12.46	
	<i>For Schedule 20, Deduct</i>	-1.99	
	<i>For Schedule 80, Add</i>	5.34	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0077	LF	2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	14.33	2.24
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.47	
			<i>For Vinyl Coated, Add</i>	5.93	
			<i>For Powder Coated, Add</i>	7.91	
			<i>For Aluminum Coated, Add</i>	12.36	
			<i>For Schedule 20, Deduct</i>	-1.98	
			<i>For Schedule 80, Add</i>	5.19	
32 31 13	13-0078	LF	2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	13.40	1.74
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.46	
			<i>For Vinyl Coated, Add</i>	5.91	
			<i>For Powder Coated, Add</i>	7.88	
			<i>For Aluminum Coated, Add</i>	12.31	
			<i>For Schedule 20, Deduct</i>	-1.97	
			<i>For Schedule 80, Add</i>	5.08	
32 31 13	13-0079	LF	2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....	12.80	1.49
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.46	
			<i>For Vinyl Coated, Add</i>	5.90	
			<i>For Powder Coated, Add</i>	7.87	
			<i>For Aluminum Coated, Add</i>	12.30	
			<i>For Schedule 20, Deduct</i>	-1.97	
			<i>For Schedule 80, Add</i>	5.02	
32 31 13	13-0080	LF	2" Outside Diameter Galvanized Steel Post, >24' In Length.....	12.23	1.24
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.46	
			<i>For Vinyl Coated, Add</i>	5.90	
			<i>For Powder Coated, Add</i>	7.86	
			<i>For Aluminum Coated, Add</i>	12.29	
			<i>For Schedule 20, Deduct</i>	-1.97	
			<i>For Schedule 80, Add</i>	4.96	
32 31 13	13-0081		<b>Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal)</b> <small>(32 31 13 13-0059)</small>		
			Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13	13-0082	LF	2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	20.15	3.48
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.34	
			<i>For Vinyl Coated, Add</i>	8.02	
			<i>For Powder Coated, Add</i>	10.70	
			<i>For Aluminum Coated, Add</i>	16.71	
			<i>For Schedule 20, Deduct</i>	-2.67	
			<i>For Schedule 80, Add</i>	7.10	
32 31 13	13-0083	LF	2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	19.03	2.98
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.30	
			<i>For Vinyl Coated, Add</i>	7.92	
			<i>For Powder Coated, Add</i>	10.56	
			<i>For Aluminum Coated, Add</i>	16.50	
			<i>For Schedule 20, Deduct</i>	-2.64	
			<i>For Schedule 80, Add</i>	6.92	
32 31 13	13-0084	LF	2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	17.77	2.36
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.28	
			<i>For Vinyl Coated, Add</i>	7.87	
			<i>For Powder Coated, Add</i>	10.49	
			<i>For Aluminum Coated, Add</i>	16.39	
			<i>For Schedule 20, Deduct</i>	-2.62	
			<i>For Schedule 80, Add</i>	6.76	
32 31 13	13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	16.80	1.87
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.27	
			<i>For Vinyl Coated, Add</i>	7.84	
			<i>For Powder Coated, Add</i>	10.46	
			<i>For Aluminum Coated, Add</i>	16.34	
			<i>For Schedule 20, Deduct</i>	-2.61	
			<i>For Schedule 80, Add</i>	6.65	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 31 13 13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	16.16	1.62
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.26	
			<i>For Vinyl Coated, Add</i>	7.83	
			<i>For Powder Coated, Add</i>	10.44	
			<i>For Aluminum Coated, Add</i>	16.31	
			<i>For Schedule 20, Deduct</i>	-2.61	
			<i>For Schedule 80, Add</i>	6.58	
	32 31 13 13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length.....	15.57	1.24
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.26	
			<i>For Vinyl Coated, Add</i>	7.83	
			<i>For Powder Coated, Add</i>	10.44	
			<i>For Aluminum Coated, Add</i>	16.31	
			<i>For Schedule 20, Deduct</i>	-2.61	
			<i>For Schedule 80, Add</i>	6.52	
	32 31 13 13-0088		<b>Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal)</b> <small>(32 31 13 13-0059)</small>		
			Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
	32 31 13 13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	27.69	3.73
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	5.06	
			<i>For Vinyl Coated, Add</i>	12.14	
			<i>For Powder Coated, Add</i>	16.18	
			<i>For Aluminum Coated, Add</i>	25.29	
			<i>For Schedule 20, Deduct</i>	-4.05	
			<i>For Schedule 80, Add</i>	10.46	
	32 31 13 13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	26.31	3.23
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.97	
			<i>For Vinyl Coated, Add</i>	11.93	
			<i>For Powder Coated, Add</i>	15.90	
			<i>For Aluminum Coated, Add</i>	24.85	
			<i>For Schedule 20, Deduct</i>	-3.98	
			<i>For Schedule 80, Add</i>	10.19	
	32 31 13 13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	24.88	2.61
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.93	
			<i>For Vinyl Coated, Add</i>	11.82	
			<i>For Powder Coated, Add</i>	15.76	
			<i>For Aluminum Coated, Add</i>	24.63	
			<i>For Schedule 20, Deduct</i>	-3.94	
			<i>For Schedule 80, Add</i>	9.97	
	32 31 13 13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	23.76	2.11
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.91	
			<i>For Vinyl Coated, Add</i>	11.77	
			<i>For Powder Coated, Add</i>	15.70	
			<i>For Aluminum Coated, Add</i>	24.53	
			<i>For Schedule 20, Deduct</i>	-3.92	
			<i>For Schedule 80, Add</i>	9.83	
	32 31 13 13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....	23.03	1.74
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.89	
			<i>For Vinyl Coated, Add</i>	11.74	
			<i>For Powder Coated, Add</i>	15.66	
			<i>For Aluminum Coated, Add</i>	24.46	
			<i>For Schedule 20, Deduct</i>	-3.91	
			<i>For Schedule 80, Add</i>	9.74	
	32 31 13 13-0094	LF	3" Outside Diameter Galvanized Steel Post, >24' In Length .....	22.36	1.37
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.89	
			<i>For Vinyl Coated, Add</i>	11.74	
			<i>For Powder Coated, Add</i>	15.65	
			<i>For Aluminum Coated, Add</i>	24.45	
			<i>For Schedule 20, Deduct</i>	-3.91	
			<i>For Schedule 80, Add</i>	9.67	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0095			<b>Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal)</b> (32 31 13 13-0059) Note: 4" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0096	LF		4" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....40.88		3.98
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	8.26	
			<i>For Vinyl Coated, Add</i>	19.82	
			<i>For Powder Coated, Add</i>	26.42	
			<i>For Aluminum Coated, Add</i>	41.29	
			<i>For Schedule 20, Deduct</i>	-6.61	
			<i>For Schedule 80, Add</i>	16.64	
32 31 13 13-0097	LF		4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....38.95		3.23
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	8.10	
			<i>For Vinyl Coated, Add</i>	19.44	
			<i>For Powder Coated, Add</i>	25.92	
			<i>For Aluminum Coated, Add</i>	40.50	
			<i>For Schedule 20, Deduct</i>	-6.48	
			<i>For Schedule 80, Add</i>	16.21	
32 31 13 13-0098	LF		4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....37.54		2.74
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	8.02	
			<i>For Vinyl Coated, Add</i>	19.25	
			<i>For Powder Coated, Add</i>	25.66	
			<i>For Aluminum Coated, Add</i>	40.10	
			<i>For Schedule 20, Deduct</i>	-6.42	
			<i>For Schedule 80, Add</i>	15.94	
32 31 13 13-0099	LF		4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....36.29		2.24
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.98	
			<i>For Vinyl Coated, Add</i>	19.15	
			<i>For Powder Coated, Add</i>	25.54	
			<i>For Aluminum Coated, Add</i>	39.90	
			<i>For Schedule 20, Deduct</i>	-6.38	
			<i>For Schedule 80, Add</i>	15.76	
32 31 13 13-0100	LF		4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....36.21		2.24
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.96	
			<i>For Vinyl Coated, Add</i>	19.11	
			<i>For Powder Coated, Add</i>	25.48	
			<i>For Aluminum Coated, Add</i>	39.81	
			<i>For Schedule 20, Deduct</i>	-6.37	
			<i>For Schedule 80, Add</i>	15.72	
32 31 13 13-0101	LF		4" Outside Diameter Galvanized Steel Post, >24' In Length .....34.94		1.62
			<i>For Each Top Rail Fitting, Add</i>	2.60	
			<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
			<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.96	
			<i>For Vinyl Coated, Add</i>	19.10	
			<i>For Powder Coated, Add</i>	25.46	
			<i>For Aluminum Coated, Add</i>	39.79	
			<i>For Schedule 20, Deduct</i>	-6.37	
			<i>For Schedule 80, Add</i>	15.59	
32 31 13 13-0102			<b>Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal)</b> (32 31 13 13-0059) Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0103	LF		6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....81.38		4.35
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	18.17	
			<i>For Vinyl Coated, Add</i>	43.60	
			<i>For Powder Coated, Add</i>	58.13	
			<i>For Aluminum Coated, Add</i>	90.83	
			<i>For Schedule 20, Deduct</i>	-14.53	
			<i>For Schedule 80, Add</i>	35.75	
32 31 13 13-0104	LF		6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....77.60		3.61
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.57	
			<i>For Vinyl Coated, Add</i>	42.17	
			<i>For Powder Coated, Add</i>	56.22	
			<i>For Aluminum Coated, Add</i>	87.85	
			<i>For Schedule 20, Deduct</i>	-14.06	
			<i>For Schedule 80, Add</i>	34.47	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 31 13 13-0105	LF	6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	75.15	2.98
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.27	
			<i>For Vinyl Coated, Add</i>	41.45	
			<i>For Powder Coated, Add</i>	55.26	
			<i>For Aluminum Coated, Add</i>	86.35	
			<i>For Schedule 20, Deduct</i>	-13.82	
			<i>For Schedule 80, Add</i>	33.77	
	32 31 13 13-0106	LF	6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	73.34	2.36
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.12	
			<i>For Vinyl Coated, Add</i>	41.09	
			<i>For Powder Coated, Add</i>	54.79	
			<i>For Aluminum Coated, Add</i>	85.61	
			<i>For Schedule 20, Deduct</i>	-13.70	
			<i>For Schedule 80, Add</i>	33.36	
	32 31 13 13-0107	LF	6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length .....	72.33	2.11
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.05	
			<i>For Vinyl Coated, Add</i>	40.91	
			<i>For Powder Coated, Add</i>	54.55	
			<i>For Aluminum Coated, Add</i>	85.24	
			<i>For Schedule 20, Deduct</i>	-13.64	
			<i>For Schedule 80, Add</i>	33.15	
	32 31 13 13-0108	LF	6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length .....	71.59	1.74
			<i>For Each Top Rail Fitting, Add</i>	4.55	
			<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.03	
			<i>For Vinyl Coated, Add</i>	40.88	
			<i>For Powder Coated, Add</i>	54.50	
			<i>For Aluminum Coated, Add</i>	85.16	
			<i>For Schedule 20, Deduct</i>	-13.63	
			<i>For Schedule 80, Add</i>	33.05	
	32 31 13 13-0109		<b>Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal)</b> <small>(32 31 13 13-0059)</small>		
			Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
	32 31 13 13-0110	LF	8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length .....	158.21	4.85
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	37.13	
			<i>For Vinyl Coated, Add</i>	89.11	
			<i>For Powder Coated, Add</i>	118.82	
			<i>For Aluminum Coated, Add</i>	185.65	
			<i>For Schedule 20, Deduct</i>	-29.70	
			<i>For Schedule 80, Add</i>	72.26	
	32 31 13 13-0111	LF	8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length .....	151.89	4.10
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	35.95	
			<i>For Vinyl Coated, Add</i>	86.27	
			<i>For Powder Coated, Add</i>	115.02	
			<i>For Aluminum Coated, Add</i>	179.73	
			<i>For Schedule 20, Deduct</i>	-28.76	
			<i>For Schedule 80, Add</i>	69.83	
	32 31 13 13-0112	LF	8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length .....	148.13	3.36
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	35.35	
			<i>For Vinyl Coated, Add</i>	84.85	
			<i>For Powder Coated, Add</i>	113.13	
			<i>For Aluminum Coated, Add</i>	176.76	
			<i>For Schedule 20, Deduct</i>	-28.28	
			<i>For Schedule 80, Add</i>	68.55	
	32 31 13 13-0113	LF	8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length .....	145.55	2.61
			<i>For Each Top Rail Fitting, Add</i>	7.50	
			<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
			<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	35.06	
			<i>For Vinyl Coated, Add</i>	84.13	
			<i>For Powder Coated, Add</i>	112.18	
			<i>For Aluminum Coated, Add</i>	175.28	
			<i>For Schedule 20, Deduct</i>	-28.04	
			<i>For Schedule 80, Add</i>	67.84	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0114	LF	8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	144.24	2.24
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	34.91	
			For Vinyl Coated, Add	83.78	
			For Powder Coated, Add	111.70	
			For Aluminum Coated, Add	174.54	
			For Schedule 20, Deduct	-27.93	
			For Schedule 80, Add	67.48	
32 31 13	13-0115	LF	8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	143.36	1.87
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	34.88	
			For Vinyl Coated, Add	83.71	
			For Powder Coated, Add	111.61	
			For Aluminum Coated, Add	174.39	
			For Schedule 20, Deduct	-27.90	
			For Schedule 80, Add	67.35	
32 31 13	13-0116		<b>Driven Post Supports</b> (32 31 13 13)		
			Note: OZ-Post.		
32 31 13	13-0117		<b>Driven Post Support For Round Chain Link Fence Posts</b> (32 31 13 13-0116)		
32 31 13	13-0118	EA	26" Driven Post Support For 1-5/8" Round Chain Link Fence Post.....	78.00	
			Note: OZ-Post GB-700.		
32 31 13	13-0119	EA	26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post.....	78.00	
			Note: OZ-Post HB-700.		
32 31 13	13-0120	EA	26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	80.03	
			Note: OZ-Post IS-600.		
32 31 13	13-0121	EA	32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	96.18	
			Note: OZ-Post ISW-850.		
32 31 13	13-0122		<b>Driven Post Support For Square Ornamental Fence Posts</b> (32 31 13 13-0116)		
32 31 13	13-0123	EA	34" Driven Post Support For 1-3/4" Square Ornamental Fence Post.....	90.09	
			Note: OZ-Post C175-850.		
32 31 13	13-0124	EA	24" Driven Post Support For 2" Square Ornamental Fence Post.....	87.04	
			Note: OZ-Post I2-600.		
32 31 13	13-0125	EA	34" Driven Post Support For 2" Square Ornamental Fence Post.....	90.70	
			Note: OZ-Post I2-850.		
32 31 13	13-0126	EA	34" Driven Post Support For 2-1/2" Square Ornamental Fence Post.....	96.18	
			Note: OZ-Post I25-850.		
32 31 13	13-0127	EA	34" Driven Post Support For 3" Square Ornamental Fence Post.....	96.18	
			Note: OZ-Post I3-850.		
32 31 13	13-0128		<b>Driven Post Support For Wooden Fence Posts</b> (32 31 13 13-0116)		
32 31 13	13-0129	EA	24" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	88.83	
			Note: OZ-Post T4-600.		
32 31 13	13-0130	EA	34" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	93.13	
			Note: OZ-Post T4-850.		
32 31 13	13-0131	EA	34" Driven Post Support For 3-3/4" Square Wooden Fence Post.....	100.25	
			Note: OZ-Post C4-850.		
32 31 13	13-0132	EA	34" Driven Post Support For 4" Square Wooden Fence Post.....	100.25	
			Note: OZ-Post P4-850.		
32 31 13	13-0133	EA	36" Driven Post Support For 4" x 6" Wooden Fence Post.....	113.46	
			Note: OZ-Post T46-850.		
32 31 13	13-0134	EA	36" Driven Post Support For 6" Square Wooden Fence Post.....	122.80	
			Note: OZ-Post T6-850.		
32 31 13	13-0135		<b>Driven Post Support For Vinyl Fence Posts</b> (32 31 13 13-0116)		
32 31 13	13-0136	EA	24" Driven Post Support For 3-1/2" Square Vinyl Fence Post.....	88.83	
			Note: OZ-Post T4-600.		
32 31 13	13-0137	EA	34" Driven Post Support For 3-1/2" Square Vinyl Fence Post.....	93.13	
			Note: OZ-Post T4-850.		
32 31 13	13-0138	EA	34" Driven Post Support For 4" Square Vinyl Fence Post.....	100.25	
			Note: OZ-Post P4-850.		
32 31 13	13-0139	EA	34" Driven Post Support For 5" Square Vinyl Fence Post.....	101.87	
			Note: OZ-Post P4-850.		
32 31 13	13-0140		<b>Chain Link Fence Assemblies</b> (32 31 13 13)		
32 31 13	13-0141		<b>Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts</b> (32 31 13 13-0140)		
			Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvage), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 02 41 16 13-0013 for concrete footing removal, 32 31 13 13-0633 for barb wire attachments.		

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0142		<b>Galvanized</b> <small>(32 31 13 13-0141)</small>		
32 31 13 13-0143	LF	3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	40.97	4.23
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.88	
		<i>For 13 Gauge Fabric, Deduct</i>	-8.48	
		<i>For 11 Gauge Fabric, Deduct</i>	-4.96	
		<i>For 6 Gauge Fabric, Add</i>	7.79	
		<i>For 1" Mesh Fabric, Add</i>	10.62	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.25	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.12	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.83	
		<i>For Posts 8' On Centers, Add</i>	2.25	
		<i>For Posts 5' On Centers, Add</i>	8.45	
		<i>For Up To 100, Add</i>	7.80	
		<i>For &gt;100 To 250, Add</i>	2.88	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.44	
		<i>For &gt;5,000, Deduct</i>	-2.88	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	32.30	
32 31 13 13-0144	LF	3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	42.58	4.23
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	2.97	
		<i>For 13 Gauge Fabric, Deduct</i>	-8.95	
		<i>For 11 Gauge Fabric, Deduct</i>	-5.23	
		<i>For 6 Gauge Fabric, Add</i>	8.22	
		<i>For 1" Mesh Fabric, Add</i>	11.21	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.24	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-2.99	
		<i>For Posts 8' On Centers, Add</i>	2.33	
		<i>For Posts 5' On Centers, Add</i>	8.76	
		<i>For Up To 100, Add</i>	8.07	
		<i>For &gt;100 To 250, Add</i>	2.97	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.49	
		<i>For &gt;5,000, Deduct</i>	-2.97	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	37.06	
32 31 13 13-0145	LF	4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	44.00	4.23
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.05	
		<i>For 13 Gauge Fabric, Deduct</i>	-9.35	
		<i>For 11 Gauge Fabric, Deduct</i>	-5.46	
		<i>For 6 Gauge Fabric, Add</i>	8.59	
		<i>For 1" Mesh Fabric, Add</i>	11.71	
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.68	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.34	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.12	
		<i>For Posts 8' On Centers, Add</i>	2.40	
		<i>For Posts 5' On Centers, Add</i>	9.03	
		<i>For Up To 100, Add</i>	8.31	
		<i>For &gt;100 To 250, Add</i>	3.05	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.53	
		<i>For &gt;5,000, Deduct</i>	-3.05	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	41.87	
32 31 13 13-0146	LF	5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	47.32	4.23
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.25	
		<i>For 13 Gauge Fabric, Deduct</i>	-10.32	
		<i>For 11 Gauge Fabric, Deduct</i>	-6.03	
		<i>For 6 Gauge Fabric, Add</i>	9.47	
		<i>For 1" Mesh Fabric, Add</i>	12.92	
		<i>For 1-3/4" Mesh Fabric, Add</i>	5.17	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.58	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.44	
		<i>For Posts 8' On Centers, Add</i>	2.58	
		<i>For Posts 5' On Centers, Add</i>	9.66	
		<i>For Up To 100, Add</i>	8.86	
		<i>For &gt;100 To 250, Add</i>	3.25	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.62	
		<i>For &gt;5,000, Deduct</i>	-3.25	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	50.86	
32 31 13 13-0147	LF	6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	51.26	4.23
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.50	
		<i>For 13 Gauge Fabric, Deduct</i>	-11.29	
		<i>For 11 Gauge Fabric, Deduct</i>	-6.59	
		<i>For 6 Gauge Fabric, Add</i>	10.36	
		<i>For 1" Mesh Fabric, Add</i>	14.13	
		<i>For 1-3/4" Mesh Fabric, Add</i>	5.65	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.83	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.77	
		<i>For Posts 8' On Centers, Add</i>	2.79	
		<i>For Posts 5' On Centers, Add</i>	10.45	
		<i>For Up To 100, Add</i>	9.57	
		<i>For &gt;100 To 250, Add</i>	3.50	
		<i>For &gt;2,500 To 5,000, Deduct</i>	-1.75	
		<i>For &gt;5,000, Deduct</i>	-3.50	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	59.92	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0148 LF 7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.18	6.34
For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	3.63	
For 13 Gauge Fabric, Deduct	-11.71	
For 11 Gauge Fabric, Deduct	-6.84	
For 6 Gauge Fabric, Add	10.75	
For 1" Mesh Fabric, Add	14.66	
For 1-3/4" Mesh Fabric, Add	5.86	
For 2-1/8" Mesh Fabric, Deduct	-2.93	
For 2-3/8" Mesh Fabric, Deduct	-3.91	
For Posts 8' On Centers, Add	2.89	
For Posts 5' On Centers, Add	10.84	
For Up To 100, Add	9.93	
For >100 To 250, Add	3.63	
For >2,500 To 5,000, Deduct	-1.82	
For >5,000, Deduct	-3.63	
For 3/8" Non-Climbable Mesh, Add	69.11	
32 31 13 13-0149 LF 8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	60.35	7.39
For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	4.06	
For 13 Gauge Fabric, Deduct	-13.76	
For 11 Gauge Fabric, Deduct	-8.04	
For 6 Gauge Fabric, Add	12.63	
For 1" Mesh Fabric, Add	17.23	
For 1-3/4" Mesh Fabric, Add	6.89	
For 2-1/8" Mesh Fabric, Deduct	-3.45	
For 2-3/8" Mesh Fabric, Deduct	-4.59	
For Posts 8' On Centers, Add	3.27	
For Posts 5' On Centers, Add	12.21	
For Up To 100, Add	11.13	
For >100 To 250, Add	4.06	
For >2,500 To 5,000, Deduct	-2.03	
For >5,000, Deduct	-4.06	
For 3/8" Non-Climbable Mesh, Add	78.40	
32 31 13 13-0150 LF 9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	64.35	9.51
For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	4.30	
For 13 Gauge Fabric, Deduct	-14.81	
For 11 Gauge Fabric, Deduct	-8.65	
For 6 Gauge Fabric, Add	13.60	
For 1" Mesh Fabric, Add	18.54	
For 1-3/4" Mesh Fabric, Add	7.42	
For 2-1/8" Mesh Fabric, Deduct	-3.71	
For 2-3/8" Mesh Fabric, Deduct	-4.94	
For Posts 8' On Centers, Add	3.48	
For Posts 5' On Centers, Add	13.00	
For Up To 100, Add	11.83	
For >100 To 250, Add	4.30	
For >2,500 To 5,000, Deduct	-2.15	
For >5,000, Deduct	-4.30	
For 3/8" Non-Climbable Mesh, Add	86.48	
32 31 13 13-0151 LF 10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.37	10.57
For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	4.55	
For 13 Gauge Fabric, Deduct	-15.86	
For 11 Gauge Fabric, Deduct	-9.27	
For 6 Gauge Fabric, Add	14.56	
For 1" Mesh Fabric, Add	19.86	
For 1-3/4" Mesh Fabric, Add	7.94	
For 2-1/8" Mesh Fabric, Deduct	-3.97	
For 2-3/8" Mesh Fabric, Deduct	-5.30	
For Posts 8' On Centers, Add	3.69	
For Posts 5' On Centers, Add	13.78	
For Up To 100, Add	12.53	
For >100 To 250, Add	4.55	
For >2,500 To 5,000, Deduct	-2.28	
For >5,000, Deduct	-4.55	
For 3/8" Non-Climbable Mesh, Add	94.84	
32 31 13 13-0152 LF 12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	75.92	12.68
For Each Additional Foot >12, Add	4.21	
For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	5.03	
For 13 Gauge Fabric, Deduct	-17.82	
For 11 Gauge Fabric, Deduct	-10.41	
For 6 Gauge Fabric, Add	16.36	
For 1" Mesh Fabric, Add	22.31	
For 1-3/4" Mesh Fabric, Add	8.92	
For 2-1/8" Mesh Fabric, Deduct	-4.46	
For 2-3/8" Mesh Fabric, Deduct	-5.95	
For Posts 8' On Centers, Add	4.09	
For Posts 5' On Centers, Add	15.27	
For Up To 100, Add	13.85	
For >100 To 250, Add	5.03	
For >2,500 To 5,000, Deduct	-2.51	
For >5,000, Deduct	-5.03	
For 3/8" Non-Climbable Mesh, Add	102.85	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13	13-0153	<b>Vinyl Coated</b> <small>(32 31 13 13-0141)</small>		
32 31 13	13	13-0154	LF 4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....45.56	45.56	4.23
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.27	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.13	
			<i>For 13 Gauge Fabric, Deduct</i>	-9.90	
			<i>For 11 Gauge Fabric, Deduct</i>	-5.78	
			<i>For 6 Gauge Fabric, Add</i>	9.09	
			<i>For 1" Mesh Fabric, Add</i>	12.39	
			<i>For 1-3/4" Mesh Fabric, Add</i>	4.96	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.48	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.30	
			<i>For Posts 8' On Centers, Add</i>	2.48	
			<i>For Posts 5' On Centers, Add</i>	9.31	
			<i>For Up To 100, Add</i>	8.54	
			<i>For &gt;100 To 250, Add</i>	3.13	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.57	
			<i>For &gt;5,000, Deduct</i>	-3.13	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	46.96	
32 31 13	13	13-0155	LF 5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....49.29	49.29	4.23
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.75	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.35	
			<i>For 13 Gauge Fabric, Deduct</i>	-11.00	
			<i>For 11 Gauge Fabric, Deduct</i>	-6.43	
			<i>For 6 Gauge Fabric, Add</i>	10.10	
			<i>For 1" Mesh Fabric, Add</i>	13.77	
			<i>For 1-3/4" Mesh Fabric, Add</i>	5.51	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.75	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.67	
			<i>For Posts 8' On Centers, Add</i>	2.68	
			<i>For Posts 5' On Centers, Add</i>	10.02	
			<i>For Up To 100, Add</i>	9.16	
			<i>For &gt;100 To 250, Add</i>	3.35	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.67	
			<i>For &gt;5,000, Deduct</i>	-3.35	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	57.22	
32 31 13	13	13-0156	LF 6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....55.27	55.27	4.23
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.47	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.70	
			<i>For 13 Gauge Fabric, Deduct</i>	-12.68	
			<i>For 11 Gauge Fabric, Deduct</i>	-7.41	
			<i>For 6 Gauge Fabric, Add</i>	11.64	
			<i>For 1" Mesh Fabric, Add</i>	15.87	
			<i>For 1-3/4" Mesh Fabric, Add</i>	6.35	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.17	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.23	
			<i>For Posts 8' On Centers, Add</i>	2.99	
			<i>For Posts 5' On Centers, Add</i>	11.17	
			<i>For Up To 100, Add</i>	10.17	
			<i>For &gt;100 To 250, Add</i>	3.70	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.85	
			<i>For &gt;5,000, Deduct</i>	-3.70	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	67.55	
32 31 13	13	13-0157	LF 7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....57.83	57.83	6.34
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.75	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.87	
			<i>For 13 Gauge Fabric, Deduct</i>	-13.33	
			<i>For 11 Gauge Fabric, Deduct</i>	-7.79	
			<i>For 6 Gauge Fabric, Add</i>	12.23	
			<i>For 1" Mesh Fabric, Add</i>	16.68	
			<i>For 1-3/4" Mesh Fabric, Add</i>	6.67	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.34	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.45	
			<i>For Posts 8' On Centers, Add</i>	3.13	
			<i>For Posts 5' On Centers, Add</i>	11.68	
			<i>For Up To 100, Add</i>	10.62	
			<i>For &gt;100 To 250, Add</i>	3.87	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-1.93	
			<i>For &gt;5,000, Deduct</i>	-3.87	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	78.01	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0158	LF 8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	65.77	7.39
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	6.75	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.33	
			<i>For 13 Gauge Fabric, Deduct</i>	-15.64	
			<i>For 11 Gauge Fabric, Deduct</i>	-9.14	
			<i>For 6 Gauge Fabric, Add</i>	14.36	
			<i>For 1" Mesh Fabric, Add</i>	19.58	
			<i>For 1-3/4" Mesh Fabric, Add</i>	7.83	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.92	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.22	
			<i>For Posts 8' On Centers, Add</i>	3.54	
			<i>For Posts 5' On Centers, Add</i>	13.19	
			<i>For Up To 100, Add</i>	11.94	
			<i>For &gt;100 To 250, Add</i>	4.33	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-2.16	
			<i>For &gt;5,000, Deduct</i>	-4.33	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	88.57	
32 31	13	13-0159	LF 9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post .....	70.17	9.51
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	7.27	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.60	
			<i>For 13 Gauge Fabric, Deduct</i>	-16.83	
			<i>For 11 Gauge Fabric, Deduct</i>	-9.83	
			<i>For 6 Gauge Fabric, Add</i>	15.45	
			<i>For 1" Mesh Fabric, Add</i>	21.07	
			<i>For 1-3/4" Mesh Fabric, Add</i>	8.43	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.21	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.62	
			<i>For Posts 8' On Centers, Add</i>	3.77	
			<i>For Posts 5' On Centers, Add</i>	14.04	
			<i>For Up To 100, Add</i>	12.70	
			<i>For &gt;100 To 250, Add</i>	4.60	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-2.30	
			<i>For &gt;5,000, Deduct</i>	-4.60	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	97.80	
32 31	13	13-0160	LF 10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	74.59	10.57
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	7.78	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.87	
			<i>For 13 Gauge Fabric, Deduct</i>	-18.02	
			<i>For 11 Gauge Fabric, Deduct</i>	-10.53	
			<i>For 6 Gauge Fabric, Add</i>	16.55	
			<i>For 1" Mesh Fabric, Add</i>	22.56	
			<i>For 1-3/4" Mesh Fabric, Add</i>	9.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.51	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-6.02	
			<i>For Posts 8' On Centers, Add</i>	4.00	
			<i>For Posts 5' On Centers, Add</i>	14.90	
			<i>For Up To 100, Add</i>	13.46	
			<i>For &gt;100 To 250, Add</i>	4.87	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-2.43	
			<i>For &gt;5,000, Deduct</i>	-4.87	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	107.31	
32 31	13	13-0161	LF 12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	81.39	12.68
			<i>For Each Additional Foot &gt;12, Add</i>	4.46	
			<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	8.51	
			<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	5.30	
			<i>For 13 Gauge Fabric, Deduct</i>	-19.72	
			<i>For 11 Gauge Fabric, Deduct</i>	-11.52	
			<i>For 6 Gauge Fabric, Add</i>	18.11	
			<i>For 1" Mesh Fabric, Add</i>	24.69	
			<i>For 1-3/4" Mesh Fabric, Add</i>	9.88	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.94	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-6.58	
			<i>For Posts 8' On Centers, Add</i>	4.37	
			<i>For Posts 5' On Centers, Add</i>	16.25	
			<i>For Up To 100, Add</i>	14.67	
			<i>For &gt;100 To 250, Add</i>	5.30	
			<i>For &gt;2,500 To 5,000, Deduct</i>	-2.65	
			<i>For &gt;5,000, Deduct</i>	-5.30	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	116.37	
32 31	13	13-0162	<b>Rails</b> <small>(32 31 13 13)</small>		
			Note: Includes rail end fittings.		
32 31	13	13-0163	<b>SS-20 Chain Link Fence Rails</b> <small>(32 31 13 13-0162)</small>		
			Note: Includes tie wires.		
32 31	13	13-0164	LF 1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings .....	7.43	1.37
			<i>For SS15, Deduct</i>	-0.46	
			<i>For SS40, Add</i>	1.14	
32 31	13	13-0165	LF 1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings.....	8.96	1.37
			<i>For SS40, Add</i>	0.61	
			<i>For Powder Coated, Add</i>	1.22	
			<i>For Aluminum Coated, Add</i>	2.44	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings .....	9.20	1.55
			<i>For SS15, Deduct</i>	-0.61	
			<i>For SS40, Add</i>	1.52	
32 31 13	13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings.....	11.25	1.55
			<i>For SS40, Add</i>	0.81	
			<i>For Powder Coated, Add</i>	1.63	
			<i>For Aluminum Coated, Add</i>	3.26	
32 31 13	13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings .....	10.78	1.74
			<i>For SS40, Add</i>	1.83	
32 31 13	13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings .....	13.25	1.74
			<i>For SS40, Add</i>	0.98	
			<i>For Powder Coated, Add</i>	1.95	
			<i>For Aluminum Coated, Add</i>	3.91	
32 31 13	13-0170		<b>Fabric</b> <small>(32 31 13 13)</small>		
32 31 13	13-0171		<b>Fabric, Galvanized Chain Link</b> <small>(32 31 13 13-0170)</small>		
32 31 13	13-0172	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh .....	11.93	2.49
			<i>For 1-1/4" Mesh Fabric, Add</i>	1.08	
			<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	0.96	
			<i>For 13 Gauge Fabric, Deduct</i>	-1.73	
			<i>For 11 Gauge Fabric, Deduct</i>	-0.96	
			<i>For 6 Gauge Fabric, Add</i>	3.08	
			<i>For 1" Mesh Fabric, Add</i>	2.89	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1.93	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.16	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.58	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.77	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	33.51	
32 31 13	13-0173	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh .....	13.19	2.79
			<i>For 1-1/4" Mesh Fabric, Add</i>	1.26	
			<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.12	
			<i>For 13 Gauge Fabric, Deduct</i>	-2.02	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.12	
			<i>For 6 Gauge Fabric, Add</i>	3.59	
			<i>For 1" Mesh Fabric, Add</i>	3.37	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2.25	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.35	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.67	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.90	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	38.36	
32 31 13	13-0174	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh .....	14.27	3.11
			<i>For 1-1/4" Mesh Fabric, Add</i>	1.38	
			<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.24	
			<i>For 13 Gauge Fabric, Deduct</i>	-2.22	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.24	
			<i>For 6 Gauge Fabric, Add</i>	3.95	
			<i>For 1" Mesh Fabric, Add</i>	3.71	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2.47	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.48	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.74	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.99	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	43.27	
32 31 13	13-0175	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh .....	16.11	3.73
			<i>For 1-1/4" Mesh Fabric, Add</i>	1.72	
			<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.54	
			<i>For 13 Gauge Fabric, Deduct</i>	-2.77	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.54	
			<i>For 6 Gauge Fabric, Add</i>	4.93	
			<i>For 1" Mesh Fabric, Add</i>	4.62	
			<i>For 1-1/4" Mesh Fabric, Add</i>	3.08	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1.85	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.92	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.23	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	52.35	
32 31 13	13-0176	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh .....	18.06	4.35
			<i>For 1-1/4" Mesh Fabric, Add</i>	2.07	
			<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.85	
			<i>For 13 Gauge Fabric, Deduct</i>	-3.33	
			<i>For 11 Gauge Fabric, Deduct</i>	-1.85	
			<i>For 6 Gauge Fabric, Add</i>	5.92	
			<i>For 1" Mesh Fabric, Add</i>	5.55	
			<i>For 1-1/4" Mesh Fabric, Add</i>	3.70	
			<i>For 1-3/4" Mesh Fabric, Add</i>	2.22	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-1.11	
			<i>For 2-3/8" Mesh Fabric, Deduct</i>	-1.48	
			<i>For 3/8" Non-Climbable Mesh, Add</i>	61.53	



	<b>Exterior Improvements</b>	<b>32</b>
	Site Improvements	32 30
	Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0177	LF 7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	20.09	4.97
			For 1-1/4" Mesh Fabric, Add	2.41	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.15	
			For 13 Gauge Fabric, Deduct	-3.87	
			For 11 Gauge Fabric, Deduct	-2.15	
			For 6 Gauge Fabric, Add	6.89	
			For 1" Mesh Fabric, Add	6.46	
			For 1-1/4" Mesh Fabric, Add	4.31	
			For 1-3/4" Mesh Fabric, Add	2.58	
			For 2-1/8" Mesh Fabric, Deduct	-1.29	
			For 2-3/8" Mesh Fabric, Deduct	-1.72	
			For 3/8" Non-Climbable Mesh, Add	70.83	
32 31	13	13-0178	LF 8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	22.29	6.22
			For 1-1/4" Mesh Fabric, Add	2.76	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.46	
			For 13 Gauge Fabric, Deduct	-4.43	
			For 11 Gauge Fabric, Deduct	-2.46	
			For 6 Gauge Fabric, Add	7.88	
			For 1" Mesh Fabric, Add	7.39	
			For 1-1/4" Mesh Fabric, Add	4.93	
			For 1-3/4" Mesh Fabric, Add	2.96	
			For 2-1/8" Mesh Fabric, Deduct	-1.48	
			For 2-3/8" Mesh Fabric, Deduct	-1.97	
			For 3/8" Non-Climbable Mesh, Add	80.28	
32 31	13	13-0179	LF 10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	26.52	6.84
			For 1-1/4" Mesh Fabric, Add	3.58	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.20	
			For 13 Gauge Fabric, Deduct	-5.76	
			For 11 Gauge Fabric, Deduct	-3.20	
			For 6 Gauge Fabric, Add	10.24	
			For 1" Mesh Fabric, Add	9.60	
			For 1-1/4" Mesh Fabric, Add	6.40	
			For 1-3/4" Mesh Fabric, Add	3.84	
			For 2-1/8" Mesh Fabric, Deduct	-1.92	
			For 2-3/8" Mesh Fabric, Deduct	-2.56	
			For 3/8" Non-Climbable Mesh, Add	96.90	
32 31	13	13-0180	LF 12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	30.26	7.46
			For 1-1/4" Mesh Fabric, Add	4.30	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.84	
			For 13 Gauge Fabric, Deduct	-6.90	
			For 11 Gauge Fabric, Deduct	-3.84	
			For 6 Gauge Fabric, Add	12.27	
			For 1" Mesh Fabric, Add	11.51	
			For 1-1/4" Mesh Fabric, Add	7.67	
			For 1-3/4" Mesh Fabric, Add	4.60	
			For 2-1/8" Mesh Fabric, Deduct	-2.30	
			For 2-3/8" Mesh Fabric, Deduct	-3.07	
			For 3/8" Non-Climbable Mesh, Add	105.09	
32 31	13	13-0181	LF 14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	33.89	8.70
			For 1-1/4" Mesh Fabric, Add	4.61	
			For 2 Oz Galvanized Or Zinc Coating, Add	4.12	
			For 13 Gauge Fabric, Deduct	-7.42	
			For 11 Gauge Fabric, Deduct	-4.12	
			For 6 Gauge Fabric, Add	13.18	
			For 1" Mesh Fabric, Add	12.36	
			For 1-1/4" Mesh Fabric, Add	8.24	
			For 1-3/4" Mesh Fabric, Add	4.94	
			For 2-1/8" Mesh Fabric, Deduct	-2.47	
			For 2-3/8" Mesh Fabric, Deduct	-3.30	
			For 3/8" Non-Climbable Mesh, Add	114.59	
32 31	13	13-0182	LF 16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	37.51	9.95
			For 1-1/4" Mesh Fabric, Add	4.93	
			For 2 Oz Galvanized Or Zinc Coating, Add	4.40	
			For 13 Gauge Fabric, Deduct	-7.92	
			For 11 Gauge Fabric, Deduct	-4.40	
			For 6 Gauge Fabric, Add	14.09	
			For 1" Mesh Fabric, Add	13.21	
			For 1-1/4" Mesh Fabric, Add	8.81	
			For 1-3/4" Mesh Fabric, Add	5.28	
			For 2-1/8" Mesh Fabric, Deduct	-2.64	
			For 2-3/8" Mesh Fabric, Deduct	-3.52	
			For 3/8" Non-Climbable Mesh, Add	124.10	
32 31	13	13-0183	Fabric, Vinyl Coated Chain Link <small>(32 31 13 13-0170)</small>		
32 31	13	13-0184	LF 4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	15.83	2.49
			For 1-1/4" Mesh Fabric, Add	1.82	
			For 13 Gauge Fabric, Deduct	-2.93	
			For 11 Gauge Fabric, Deduct	-1.63	
			For 6 Gauge Fabric, Add	5.20	
			For 1" Mesh Fabric, Add	4.88	
			For 1-1/4" Mesh Fabric, Add	3.25	
			For 1-3/4" Mesh Fabric, Add	1.95	
			For 2-1/8" Mesh Fabric, Deduct	-0.98	
			For 2-3/8" Mesh Fabric, Deduct	-1.30	
			For 3/8" Non-Climbable Mesh, Add	48.36	
			For Aluminum Coated, Add	2.60	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0185	LF 5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	18.08	3.73
	For 1-1/4" Mesh Fabric, Add	2.28	
	For 13 Gauge Fabric, Deduct	-3.66	
	For 11 Gauge Fabric, Deduct	-2.03	
	For 6 Gauge Fabric, Add	6.50	
	For 1" Mesh Fabric, Add	6.10	
	For 1-1/4" Mesh Fabric, Add	4.07	
	For 1-3/4" Mesh Fabric, Add	2.44	
	For 2-1/8" Mesh Fabric, Deduct	-1.22	
	For 2-3/8" Mesh Fabric, Deduct	-1.63	
	For 3/8" Non-Climbable Mesh, Add	58.71	
	For Aluminum Coated, Add	3.25	
32 31 13 13-0186	LF 6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	22.06	4.35
	For 1-1/4" Mesh Fabric, Add	3.19	
	For 13 Gauge Fabric, Deduct	-5.13	
	For 11 Gauge Fabric, Deduct	-2.85	
	For 6 Gauge Fabric, Add	9.12	
	For 1" Mesh Fabric, Add	8.55	
	For 1-1/4" Mesh Fabric, Add	5.70	
	For 1-3/4" Mesh Fabric, Add	3.42	
	For 2-1/8" Mesh Fabric, Deduct	-1.71	
	For 2-3/8" Mesh Fabric, Deduct	-2.28	
	For 3/8" Non-Climbable Mesh, Add	69.16	
	For Aluminum Coated, Add	4.56	
32 31 13 13-0187	LF 7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	24.75	4.97
	For 1-1/4" Mesh Fabric, Add	3.72	
	For 13 Gauge Fabric, Deduct	-5.97	
	For 11 Gauge Fabric, Deduct	-3.32	
	For 6 Gauge Fabric, Add	10.62	
	For 1" Mesh Fabric, Add	9.95	
	For 1-1/4" Mesh Fabric, Add	6.64	
	For 1-3/4" Mesh Fabric, Add	3.98	
	For 2-1/8" Mesh Fabric, Deduct	-1.99	
	For 2-3/8" Mesh Fabric, Deduct	-2.65	
	For 3/8" Non-Climbable Mesh, Add	79.73	
	For Aluminum Coated, Add	5.31	
32 31 13 13-0188	LF 8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	27.72	6.22
	For 1-1/4" Mesh Fabric, Add	4.28	
	For 13 Gauge Fabric, Deduct	-6.88	
	For 11 Gauge Fabric, Deduct	-3.82	
	For 6 Gauge Fabric, Add	12.22	
	For 1" Mesh Fabric, Add	11.46	
	For 1-1/4" Mesh Fabric, Add	7.64	
	For 1-3/4" Mesh Fabric, Add	4.58	
	For 2-1/8" Mesh Fabric, Deduct	-2.29	
	For 2-3/8" Mesh Fabric, Deduct	-3.06	
	For 3/8" Non-Climbable Mesh, Add	90.45	
	For Aluminum Coated, Add	6.11	
32 31 13 13-0189	LF 10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	32.74	6.84
	For 1-1/4" Mesh Fabric, Add	5.33	
	For 13 Gauge Fabric, Deduct	-8.56	
	For 11 Gauge Fabric, Deduct	-4.76	
	For 6 Gauge Fabric, Add	15.22	
	For 1" Mesh Fabric, Add	14.27	
	For 1-1/4" Mesh Fabric, Add	9.51	
	For 1-3/4" Mesh Fabric, Add	5.71	
	For 2-1/8" Mesh Fabric, Deduct	-2.85	
	For 2-3/8" Mesh Fabric, Deduct	-3.80	
	For 3/8" Non-Climbable Mesh, Add	109.37	
	For Aluminum Coated, Add	7.61	
32 31 13 13-0190	LF 12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	35.72	7.46
	For 1-1/4" Mesh Fabric, Add	5.82	
	For 13 Gauge Fabric, Deduct	-9.36	
	For 11 Gauge Fabric, Deduct	-5.20	
	For 6 Gauge Fabric, Add	16.64	
	For 1" Mesh Fabric, Add	15.60	
	For 1-1/4" Mesh Fabric, Add	10.40	
	For 1-3/4" Mesh Fabric, Add	6.24	
	For 2-1/8" Mesh Fabric, Deduct	-3.12	
	For 2-3/8" Mesh Fabric, Deduct	-4.16	
	For 3/8" Non-Climbable Mesh, Add	118.61	
	For Aluminum Coated, Add	8.32	
32 31 13 13-0191	LF 14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh .....	40.31	8.70
	For 1-1/4" Mesh Fabric, Add	6.41	
	For 13 Gauge Fabric, Deduct	-10.31	
	For 11 Gauge Fabric, Deduct	-5.73	
	For 6 Gauge Fabric, Add	18.32	
	For 1" Mesh Fabric, Add	17.18	
	For 1-1/4" Mesh Fabric, Add	11.45	
	For 1-3/4" Mesh Fabric, Add	6.87	
	For 2-1/8" Mesh Fabric, Deduct	-3.44	
	For 2-3/8" Mesh Fabric, Deduct	-4.58	
	For 3/8" Non-Climbable Mesh, Add	129.17	
	For Aluminum Coated, Add	9.16	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31
			<b>32</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0192	LF	16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh ..... <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i> <i>For Aluminum Coated, Add</i>	44.99 7.03 -11.29 -6.27 20.07 18.82 12.55 7.53 -3.76 -5.02 139.73 10.04	9.95
<b>32 31 13</b>	<b>13-0193</b>		<b>Fabric, Aluminized Steel Chain Link</b> <small>(32 31 13 13-0170)</small>		
32 31 13	13-0194	LF	3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	11.46 2.70 3.55	2.49
32 31 13	13-0195	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	12.62 3.14 4.12	2.79
32 31 13	13-0196	LF	4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	13.82 3.59 4.71	3.11
32 31 13	13-0197	LF	5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	15.56 4.49 5.89	3.73
32 31 13	13-0198	LF	6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	17.37 5.37 7.05	4.35
32 31 13	13-0199	LF	7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	19.33 6.28 8.24	4.97
32 31 13	13-0200	LF	8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	21.40 7.17 9.41	6.22
32 31 13	13-0201	LF	10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	24.92 8.96 11.76	6.84
32 31 13	13-0202	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	28.36 10.75 14.11	7.46
<b>32 31 13</b>	<b>13-0203</b>		<b>Fabric, All Aluminum Chain Link</b> <small>(32 31 13 13-0170)</small>		
32 31 13	13-0204	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.91 7.06 9.27	2.49
32 31 13	13-0205	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	19.00 8.24 10.82	2.79
32 31 13	13-0206	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	21.10 9.42 12.36	3.11
32 31 13	13-0207	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	24.66 11.77 15.45	3.73
32 31 13	13-0208	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	28.32 14.13 18.54	4.35
32 31 13	13-0209	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	32.08 16.48 21.63	4.97
32 31 13	13-0210	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	35.98 18.83 24.72	6.22
32 31 13	13-0211	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	43.15 23.54 30.90	6.84
32 31 13	13-0212	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh ..... <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	50.23 28.25 37.08	7.46
<b>32 31 13</b>	<b>13-0213</b>		<b>Fence Inserts</b> <small>(32 31 13 13-0170)</small> Note: For use with new or existing chain link fence, per lf of fence.		
<b>32 31 13</b>	<b>13-0214</b>		<b>Vinyl Plastic Fence Inserts</b> <small>(32 31 13 13-0213)</small> Note: Assorted colors.		
32 31 13	13-0215	LF	3' High Fence, Vinyl Plastic Fence Insert.....	10.46	
32 31 13	13-0216	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert.....	11.97	
32 31 13	13-0217	LF	4' High Fence, Vinyl Plastic Fence Insert.....	13.19	
32 31 13	13-0218	LF	5' High Fence, Vinyl Plastic Fence Insert.....	16.55	
32 31 13	13-0219	LF	6' High Fence, Vinyl Plastic Fence Insert.....	19.80	
32 31 13	13-0220	LF	7' High Fence, Vinyl Plastic Fence Insert.....	23.15	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 31 13 13-0221	LF	8' High Fence, Vinyl Plastic Fence Insert.....	26.39	
32 31 13 13-0222	LF	10' High Fence, Vinyl Plastic Fence Insert.....	31.87	
<b>32 31 13 13-0223</b>		<b>Aluminum Fence Inserts</b> (32 31 13 13-0213)		
		Note: Assorted colors.		
32 31 13 13-0224	LF	3' High Fence, Aluminum Fence Insert.....	34.86	
32 31 13 13-0225	LF	3-1/2' High Fence, Aluminum Fence Insert.....	38.27	
32 31 13 13-0226	LF	4' High Fence, Aluminum Fence Insert.....	43.60	
32 31 13 13-0227	LF	5' High Fence, Aluminum Fence Insert.....	54.57	
32 31 13 13-0228	LF	6' High Fence, Aluminum Fence Insert.....	65.48	
32 31 13 13-0229	LF	7' High Fence, Aluminum Fence Insert.....	71.29	
32 31 13 13-0230	LF	8' High Fence, Aluminum Fence Insert.....	87.28	
32 31 13 13-0231	LF	10' High Fence, Aluminum Fence Insert.....	108.42	
<b>32 31 13 13-0232</b>		<b>Redwood Fence Inserts</b> (32 31 13 13-0213)		
32 31 13 13-0233	LF	4' High Fence, Redwood Fence Insert.....	15.42	
32 31 13 13-0234	LF	5' High Fence, Redwood Fence Insert.....	19.52	
32 31 13 13-0235	LF	6' High Fence, Redwood Fence Insert.....	23.45	
32 31 13 13-0236	LF	7' High Fence, Redwood Fence Insert.....	27.29	
32 31 13 13-0237	LF	8' High Fence, Redwood Fence Insert.....	31.22	
<b>32 31 13 13-0238</b>		<b>Diagonal Flexible Polyethylene Inserts</b> (32 31 13 13-0213)		
32 31 13 13-0239	SF	Diagonal Polyethylene Fence Weave.....	4.18	
<b>32 31 13 13-0240</b>		<b>Hedge Link Fence Inserts</b> (32 31 13 13-0213)		
32 31 13 13-0241	LF	3' High Fence, Hedge Link Fence Insert.....	22.03	
32 31 13 13-0242	LF	3-1/2' High Fence, Hedge Link Fence Insert.....	25.09	
32 31 13 13-0243	LF	4' High Fence, Hedge Link Fence Insert.....	29.49	
32 31 13 13-0244	LF	5' High Fence, Hedge Link Fence Insert.....	36.40	
32 31 13 13-0245	LF	6' High Fence, Hedge Link Fence Insert.....	41.72	
32 31 13 13-0246	LF	7' High Fence, Hedge Link Fence Insert.....	52.53	
32 31 13 13-0247	LF	8' High Fence, Hedge Link Fence Insert.....	59.67	
32 31 13 13-0248	LF	10' High Fence, Hedge Link Fence Insert.....	71.23	
32 31 13 13-0249	LF	12' High Fence, Hedge Link Fence Insert.....	81.69	
<b>32 31 13 13-0250</b>		<b>Fence Windscreen Fabric</b> (32 31 13 13-0170)		
		Note: Includes plastic wire clips.		
32 31 13 13-0251	SF	Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY.....	1.44	0.67
		<i>For Sewn Boxed Vent (Each), Add</i>	28.76	
		<i>For Welded Boxed Vent (Each), Add</i>	14.38	
		<i>For 4' x 4' One Color Logo (Each), Add</i>	599.20	
<b>32 31 13 13-0252</b>		<b>Gates</b> (32 31 13 13)		
		Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 08 78 00 00-0001 for padlocks, 08 78 00 00-0002 for padlocks, 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 13 13-0253</b>		<b>Galvanized Steel Without Barbed Wire</b> (32 31 13 13-0252)		
		Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
<b>32 31 13 13-0254</b>		<b>4' Fence Height</b> (32 31 13 13-0253)		
32 31 13 13-0255	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	373.47	27.75
		<i>For Gate With Single Barb Wire Arm, Add</i>	31.54	
		<i>For Gate With Double Barb Wire Arm, Add</i>	45.88	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-53.77	
		<i>For Aluminized Steel Gate And Post, Add</i>	137.64	
		<i>For Powder Coated Gate And Post, Add</i>	74.56	
		<i>For 1" Mesh Fabric, Add</i>	124.74	
		<i>For 1-1/4" Mesh Fabric, Add</i>	80.29	
		<i>For 1-3/4" Mesh Fabric, Add</i>	49.89	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-24.95	
32 31 13 13-0256	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire.....	469.05	28.90
		<i>For Gate With Single Barb Wire Arm, Add</i>	42.06	
		<i>For Gate With Double Barb Wire Arm, Add</i>	61.17	
		<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-71.69	
		<i>For Aluminized Steel Gate And Post, Add</i>	183.52	
		<i>For Powder Coated Gate And Post, Add</i>	99.41	
		<i>For 1" Mesh Fabric, Add</i>	166.31	
		<i>For 1-1/4" Mesh Fabric, Add</i>	107.05	
		<i>For 1-3/4" Mesh Fabric, Add</i>	66.53	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.26	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0257 EA 5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	554.10	30.75
For Gate With Single Barb Wire Arm, Add	50.78	
For Gate With Double Barb Wire Arm, Add	73.86	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-86.55	
For Aluminized Steel Gate And Post, Add	221.57	
For Powder Coated Gate And Post, Add	120.02	
For 1" Mesh Fabric, Add	200.80	
For 1-1/4" Mesh Fabric, Add	129.25	
For 1-3/4" Mesh Fabric, Add	80.32	
For 2-1/8" Mesh Fabric, Deduct	-40.16	
32 31 13 13-0258 EA 6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	651.88	37.00
For Gate With Single Barb Wire Arm, Add	59.49	
For Gate With Double Barb Wire Arm, Add	86.54	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-101.41	
For Aluminized Steel Gate And Post, Add	259.61	
For Powder Coated Gate And Post, Add	140.62	
For 1" Mesh Fabric, Add	235.27	
For 1-1/4" Mesh Fabric, Add	151.44	
For 1-3/4" Mesh Fabric, Add	94.11	
For 2-1/8" Mesh Fabric, Deduct	-47.05	
32 31 13 13-0259 EA 7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	749.64	43.13
For Gate With Single Barb Wire Arm, Add	68.21	
For Gate With Double Barb Wire Arm, Add	99.22	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.27	
For Aluminized Steel Gate And Post, Add	297.66	
For Powder Coated Gate And Post, Add	161.23	
For 1" Mesh Fabric, Add	269.76	
For 1-1/4" Mesh Fabric, Add	173.64	
For 1-3/4" Mesh Fabric, Add	107.90	
For 2-1/8" Mesh Fabric, Deduct	-53.95	
32 31 13 13-0260 EA 8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	850.65	49.26
For Gate With Single Barb Wire Arm, Add	77.29	
For Gate With Double Barb Wire Arm, Add	112.42	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.75	
For Aluminized Steel Gate And Post, Add	337.27	
For Powder Coated Gate And Post, Add	182.69	
For 1" Mesh Fabric, Add	305.65	
For 1-1/4" Mesh Fabric, Add	196.74	
For 1-3/4" Mesh Fabric, Add	122.26	
For 2-1/8" Mesh Fabric, Deduct	-61.13	
32 31 13 13-0261 EA 9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	948.42	55.50
For Gate With Single Barb Wire Arm, Add	86.01	
For Gate With Double Barb Wire Arm, Add	125.11	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-146.61	
For Aluminized Steel Gate And Post, Add	375.32	
For Powder Coated Gate And Post, Add	203.30	
For 1" Mesh Fabric, Add	340.14	
For 1-1/4" Mesh Fabric, Add	218.94	
For 1-3/4" Mesh Fabric, Add	136.05	
For 2-1/8" Mesh Fabric, Deduct	-68.03	
32 31 13 13-0262 EA 10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire .....	1,047.57	61.63
For Gate With Single Barb Wire Arm, Add	94.88	
For Gate With Double Barb Wire Arm, Add	138.01	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-161.73	
For Aluminized Steel Gate And Post, Add	414.04	
For Powder Coated Gate And Post, Add	224.27	
For 1" Mesh Fabric, Add	375.22	
For 1-1/4" Mesh Fabric, Add	241.52	
For 1-3/4" Mesh Fabric, Add	150.09	
For 2-1/8" Mesh Fabric, Deduct	-75.04	
32 31 13 13-0263 EA 10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,332.00	61.63
For Gate With Single Barb Wire Arm, Add	126.17	
For Gate With Double Barb Wire Arm, Add	183.52	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-215.06	
For Aluminized Steel Gate And Post, Add	550.56	
For Powder Coated Gate And Post, Add	298.22	
For 1" Mesh Fabric, Add	498.95	
For 1-1/4" Mesh Fabric, Add	321.16	
For 1-3/4" Mesh Fabric, Add	199.58	
For 2-1/8" Mesh Fabric, Deduct	-99.79	
32 31 13 13-0264 EA 12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,574.61	66.03
For Gate With Single Barb Wire Arm, Add	151.40	
For Gate With Double Barb Wire Arm, Add	220.22	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-258.08	
For Aluminized Steel Gate And Post, Add	660.67	
For Powder Coated Gate And Post, Add	357.86	
For 1" Mesh Fabric, Add	598.73	
For 1-1/4" Mesh Fabric, Add	385.39	
For 1-3/4" Mesh Fabric, Add	239.49	
For 2-1/8" Mesh Fabric, Deduct	-119.75	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

32 31 13 13-0265	EA 14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	1,819.26	71.11
	<i>For Gate With Single Barb Wire Arm, Add</i>	176.64	
	<i>For Gate With Double Barb Wire Arm, Add</i>	256.93	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-301.09	
	<i>For Aluminized Steel Gate And Post, Add</i>	770.78	
	<i>For Powder Coated Gate And Post, Add</i>	417.51	
	<i>For 1" Mesh Fabric, Add</i>	698.52	
	<i>For 1-1/4" Mesh Fabric, Add</i>	449.62	
	<i>For 1-3/4" Mesh Fabric, Add</i>	279.41	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-139.70	
32 31 13 13-0266	EA 16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	2,066.45	77.00
	<i>For Gate With Single Barb Wire Arm, Add</i>	201.87	
	<i>For Gate With Double Barb Wire Arm, Add</i>	293.63	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-344.10	
	<i>For Aluminized Steel Gate And Post, Add</i>	880.90	
	<i>For Powder Coated Gate And Post, Add</i>	477.15	
	<i>For 1" Mesh Fabric, Add</i>	798.31	
	<i>For 1-1/4" Mesh Fabric, Add</i>	513.86	
	<i>For 1-3/4" Mesh Fabric, Add</i>	319.32	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-159.66	
32 31 13 13-0267	EA 18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	2,341.38	92.12
	<i>For Gate With Single Barb Wire Arm, Add</i>	227.11	
	<i>For Gate With Double Barb Wire Arm, Add</i>	330.34	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-387.11	
	<i>For Aluminized Steel Gate And Post, Add</i>	991.01	
	<i>For Powder Coated Gate And Post, Add</i>	536.80	
	<i>For 1" Mesh Fabric, Add</i>	898.10	
	<i>For 1-1/4" Mesh Fabric, Add</i>	578.09	
	<i>For 1-3/4" Mesh Fabric, Add</i>	359.24	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-179.62	
32 31 13 13-0268	EA 20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	2,590.55	98.73
	<i>For Gate With Single Barb Wire Arm, Add</i>	252.34	
	<i>For Gate With Double Barb Wire Arm, Add</i>	367.04	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-430.13	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,101.12	
	<i>For Powder Coated Gate And Post, Add</i>	596.44	
	<i>For 1" Mesh Fabric, Add</i>	997.89	
	<i>For 1-1/4" Mesh Fabric, Add</i>	642.32	
	<i>For 1-3/4" Mesh Fabric, Add</i>	399.16	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-199.58	
32 31 13 13-0269	EA 22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	2,837.16	106.39
	<i>For Gate With Single Barb Wire Arm, Add</i>	276.96	
	<i>For Gate With Double Barb Wire Arm, Add</i>	402.85	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-472.09	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,208.54	
	<i>For Powder Coated Gate And Post, Add</i>	654.63	
	<i>For 1" Mesh Fabric, Add</i>	1,095.24	
	<i>For 1-1/4" Mesh Fabric, Add</i>	704.98	
	<i>For 1-3/4" Mesh Fabric, Add</i>	438.10	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-219.05	
32 31 13 13-0270	EA 24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	3,087.58	115.21
	<i>For Gate With Single Barb Wire Arm, Add</i>	301.58	
	<i>For Gate With Double Barb Wire Arm, Add</i>	438.66	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-514.05	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,315.97	
	<i>For Powder Coated Gate And Post, Add</i>	712.82	
	<i>For 1" Mesh Fabric, Add</i>	1,192.60	
	<i>For 1-1/4" Mesh Fabric, Add</i>	767.65	
	<i>For 1-3/4" Mesh Fabric, Add</i>	477.04	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-238.52	
32 31 13 13-0271	EA 26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	3,342.83	125.72
	<i>For Gate With Single Barb Wire Arm, Add</i>	326.20	
	<i>For Gate With Double Barb Wire Arm, Add</i>	474.47	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-556.01	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,423.40	
	<i>For Powder Coated Gate And Post, Add</i>	771.01	
	<i>For 1" Mesh Fabric, Add</i>	1,289.95	
	<i>For 1-1/4" Mesh Fabric, Add</i>	830.31	
	<i>For 1-3/4" Mesh Fabric, Add</i>	515.98	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-257.99	
32 31 13 13-0272	EA 28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	3,520.46	138.30
	<i>For Gate With Single Barb Wire Arm, Add</i>	341.58	
	<i>For Gate With Double Barb Wire Arm, Add</i>	496.85	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-582.24	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,490.54	
	<i>For Powder Coated Gate And Post, Add</i>	807.38	
	<i>For 1" Mesh Fabric, Add</i>	1,350.80	
	<i>For 1-1/4" Mesh Fabric, Add</i>	869.48	
	<i>For 1-3/4" Mesh Fabric, Add</i>	540.32	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-270.16	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31
			<b>32</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 31 13	13-0273	EA 30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire .....	3,902.30	153.61
			For Gate With Single Barb Wire Arm, Add	378.51	
			For Gate With Double Barb Wire Arm, Add	550.56	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-645.19	
			For Aluminized Steel Gate And Post, Add	1,651.68	
			For Powder Coated Gate And Post, Add	894.66	
			For 1" Mesh Fabric, Add	1,496.84	
			For 1-1/4" Mesh Fabric, Add	963.48	
			For 1-3/4" Mesh Fabric, Add	598.73	
			For 2-1/8" Mesh Fabric, Deduct	-299.37	
	<b>32 31 13</b>	<b>13-0274</b>	<b>5' Fence Height (32 31 13 13-0253)</b>		
	32 31 13	13-0275	EA 3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	446.86	30.75
			For Gate With Single Barb Wire Arm, Add	38.98	
			For Gate With Double Barb Wire Arm, Add	56.70	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-66.44	
			For Aluminized Steel Gate And Post, Add	170.09	
			For Powder Coated Gate And Post, Add	92.13	
			For 1" Mesh Fabric, Add	154.15	
			For 1-1/4" Mesh Fabric, Add	99.22	
			For 1-3/4" Mesh Fabric, Add	61.66	
			For 2-1/8" Mesh Fabric, Deduct	-30.83	
	32 31 13	13-0276	EA 4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	563.42	30.75
			For Gate With Single Barb Wire Arm, Add	51.80	
			For Gate With Double Barb Wire Arm, Add	75.35	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-88.30	
			For Aluminized Steel Gate And Post, Add	226.04	
			For Powder Coated Gate And Post, Add	122.44	
			For 1" Mesh Fabric, Add	204.85	
			For 1-1/4" Mesh Fabric, Add	131.86	
			For 1-3/4" Mesh Fabric, Add	81.94	
			For 2-1/8" Mesh Fabric, Deduct	-40.97	
	32 31 13	13-0277	EA 5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	657.81	32.72
			For Gate With Single Barb Wire Arm, Add	61.55	
			For Gate With Double Barb Wire Arm, Add	89.52	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-104.91	
			For Aluminized Steel Gate And Post, Add	268.56	
			For Powder Coated Gate And Post, Add	145.47	
			For 1" Mesh Fabric, Add	243.39	
			For 1-1/4" Mesh Fabric, Add	156.66	
			For 1-3/4" Mesh Fabric, Add	97.35	
			For 2-1/8" Mesh Fabric, Deduct	-48.68	
	32 31 13	13-0278	EA 6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	770.71	39.31
			For Gate With Single Barb Wire Arm, Add	71.80	
			For Gate With Double Barb Wire Arm, Add	104.44	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-122.39	
			For Aluminized Steel Gate And Post, Add	313.32	
			For Powder Coated Gate And Post, Add	169.72	
			For 1" Mesh Fabric, Add	283.95	
			For 1-1/4" Mesh Fabric, Add	182.77	
			For 1-3/4" Mesh Fabric, Add	113.58	
			For 2-1/8" Mesh Fabric, Deduct	-56.79	
	32 31 13	13-0279	EA 7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	874.28	45.79
			For Gate With Single Barb Wire Arm, Add	81.04	
			For Gate With Double Barb Wire Arm, Add	117.87	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-138.13	
			For Aluminized Steel Gate And Post, Add	353.61	
			For Powder Coated Gate And Post, Add	191.54	
			For 1" Mesh Fabric, Add	320.46	
			For 1-1/4" Mesh Fabric, Add	206.27	
			For 1-3/4" Mesh Fabric, Add	128.18	
			For 2-1/8" Mesh Fabric, Deduct	-64.09	
	32 31 13	13-0280	EA 8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	988.35	52.73
			For Gate With Single Barb Wire Arm, Add	91.29	
			For Gate With Double Barb Wire Arm, Add	132.79	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-155.61	
			For Aluminized Steel Gate And Post, Add	398.37	
			For Powder Coated Gate And Post, Add	215.78	
			For 1" Mesh Fabric, Add	361.02	
			For 1-1/4" Mesh Fabric, Add	232.38	
			For 1-3/4" Mesh Fabric, Add	144.41	
			For 2-1/8" Mesh Fabric, Deduct	-72.20	
	32 31 13	13-0281	EA 9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	1,096.59	59.32
			For Gate With Single Barb Wire Arm, Add	101.04	
			For Gate With Double Barb Wire Arm, Add	146.96	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.22	
			For Aluminized Steel Gate And Post, Add	440.89	
			For Powder Coated Gate And Post, Add	238.82	
			For 1" Mesh Fabric, Add	399.56	
			For 1-1/4" Mesh Fabric, Add	257.19	
			For 1-3/4" Mesh Fabric, Add	159.82	
			For 2-1/8" Mesh Fabric, Deduct	-79.91	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0282	EA 10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire .....	1,204.84	65.79
	<i>For Gate With Single Barb Wire Arm, Add</i>	110.78	
	<i>For Gate With Double Barb Wire Arm, Add</i>	161.14	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-188.84	
	<i>For Aluminized Steel Gate And Post, Add</i>	483.42	
	<i>For Powder Coated Gate And Post, Add</i>	261.85	
	<i>For 1" Mesh Fabric, Add</i>	438.10	
	<i>For 1-1/4" Mesh Fabric, Add</i>	281.99	
	<i>For 1-3/4" Mesh Fabric, Add</i>	175.24	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-87.62	
32 31 13 13-0283	EA 10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	1,619.37	66.03
	<i>For Gate With Single Barb Wire Arm, Add</i>	156.33	
	<i>For Gate With Double Barb Wire Arm, Add</i>	227.39	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-266.47	
	<i>For Aluminized Steel Gate And Post, Add</i>	682.16	
	<i>For Powder Coated Gate And Post, Add</i>	369.50	
	<i>For 1" Mesh Fabric, Add</i>	618.20	
	<i>For 1-1/4" Mesh Fabric, Add</i>	397.92	
	<i>For 1-3/4" Mesh Fabric, Add</i>	247.28	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-123.64	
32 31 13 13-0284	EA 12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	1,919.97	71.11
	<i>For Gate With Single Barb Wire Arm, Add</i>	187.72	
	<i>For Gate With Double Barb Wire Arm, Add</i>	273.04	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-319.97	
	<i>For Aluminized Steel Gate And Post, Add</i>	819.12	
	<i>For Powder Coated Gate And Post, Add</i>	443.69	
	<i>For 1" Mesh Fabric, Add</i>	742.33	
	<i>For 1-1/4" Mesh Fabric, Add</i>	477.82	
	<i>For 1-3/4" Mesh Fabric, Add</i>	296.93	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-148.47	
32 31 13 13-0285	EA 14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	2,223.11	77.00
	<i>For Gate With Single Barb Wire Arm, Add</i>	219.10	
	<i>For Gate With Double Barb Wire Arm, Add</i>	318.70	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-373.47	
	<i>For Aluminized Steel Gate And Post, Add</i>	956.09	
	<i>For Powder Coated Gate And Post, Add</i>	517.88	
	<i>For 1" Mesh Fabric, Add</i>	866.46	
	<i>For 1-1/4" Mesh Fabric, Add</i>	557.72	
	<i>For 1-3/4" Mesh Fabric, Add</i>	346.58	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-173.29	
32 31 13 13-0286	EA 16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	2,553.99	92.12
	<i>For Gate With Single Barb Wire Arm, Add</i>	250.49	
	<i>For Gate With Double Barb Wire Arm, Add</i>	364.35	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-426.98	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,093.06	
	<i>For Powder Coated Gate And Post, Add</i>	592.07	
	<i>For 1" Mesh Fabric, Add</i>	990.59	
	<i>For 1-1/4" Mesh Fabric, Add</i>	637.62	
	<i>For 1-3/4" Mesh Fabric, Add</i>	396.23	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-198.12	
32 31 13 13-0287	EA 18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	2,853.52	98.73
	<i>For Gate With Single Barb Wire Arm, Add</i>	281.27	
	<i>For Gate With Double Barb Wire Arm, Add</i>	409.12	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-479.43	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,227.35	
	<i>For Powder Coated Gate And Post, Add</i>	664.81	
	<i>For 1" Mesh Fabric, Add</i>	1,112.28	
	<i>For 1-1/4" Mesh Fabric, Add</i>	715.95	
	<i>For 1-3/4" Mesh Fabric, Add</i>	444.91	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-222.46	
32 31 13 13-0288	EA 20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	3,167.28	106.39
	<i>For Gate With Single Barb Wire Arm, Add</i>	313.27	
	<i>For Gate With Double Barb Wire Arm, Add</i>	455.67	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-533.99	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,367.00	
	<i>For Powder Coated Gate And Post, Add</i>	740.46	
	<i>For 1" Mesh Fabric, Add</i>	1,238.85	
	<i>For 1-1/4" Mesh Fabric, Add</i>	797.42	
	<i>For 1-3/4" Mesh Fabric, Add</i>	495.54	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-247.77	
32 31 13 13-0289	EA 22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	3,479.24	115.21
	<i>For Gate With Single Barb Wire Arm, Add</i>	344.66	
	<i>For Gate With Double Barb Wire Arm, Add</i>	501.32	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-587.49	
	<i>For Aluminized Steel Gate And Post, Add</i>	1,503.97	
	<i>For Powder Coated Gate And Post, Add</i>	814.65	
	<i>For 1" Mesh Fabric, Add</i>	1,362.97	
	<i>For 1-1/4" Mesh Fabric, Add</i>	877.32	
	<i>For 1-3/4" Mesh Fabric, Add</i>	545.19	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-272.59	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0290	EA	24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	3,790.44	125.72
			For Gate With Single Barb Wire Arm, Add	375.43	
			For Gate With Double Barb Wire Arm, Add	546.08	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-639.94	
			For Aluminized Steel Gate And Post, Add	1,638.25	
			For Powder Coated Gate And Post, Add	887.39	
			For 1" Mesh Fabric, Add	1,484.66	
			For 1-1/4" Mesh Fabric, Add	955.65	
			For 1-3/4" Mesh Fabric, Add	593.87	
			For 2-1/8" Mesh Fabric, Deduct	-296.93	
32 31 13	13-0291	EA	26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	4,119.14	138.30
			For Gate With Single Barb Wire Arm, Add	407.44	
			For Gate With Double Barb Wire Arm, Add	592.64	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-694.49	
			For Aluminized Steel Gate And Post, Add	1,777.91	
			For Powder Coated Gate And Post, Add	963.03	
			For 1" Mesh Fabric, Add	1,611.23	
			For 1-1/4" Mesh Fabric, Add	1,037.11	
			For 1-3/4" Mesh Fabric, Add	644.49	
			For 2-1/8" Mesh Fabric, Deduct	-322.25	
32 31 13	13-0292	EA	28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	4,447.10	153.61
			For Gate With Single Barb Wire Arm, Add	438.44	
			For Gate With Double Barb Wire Arm, Add	637.73	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-747.34	
			For Aluminized Steel Gate And Post, Add	1,913.18	
			For Powder Coated Gate And Post, Add	1,036.31	
			For 1" Mesh Fabric, Add	1,733.82	
			For 1-1/4" Mesh Fabric, Add	1,116.02	
			For 1-3/4" Mesh Fabric, Add	693.53	
			For 2-1/8" Mesh Fabric, Deduct	-346.76	
32 31 13	13-0293	EA	30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire .....	4,782.44	172.81
			For Gate With Single Barb Wire Arm, Add	468.98	
			For Gate With Double Barb Wire Arm, Add	682.16	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-799.40	
			For Aluminized Steel Gate And Post, Add	2,046.47	
			For Powder Coated Gate And Post, Add	1,108.50	
			For 1" Mesh Fabric, Add	1,854.61	
			For 1-1/4" Mesh Fabric, Add	1,193.77	
			For 1-3/4" Mesh Fabric, Add	741.85	
			For 2-1/8" Mesh Fabric, Deduct	-370.92	
32 31 13	13-0294		<b>6' Fence Height</b> <small>(32 31 13 13-0253)</small>		
32 31 13	13-0295	EA	3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	479.11	32.95
			For Gate With Single Barb Wire Arm, Add	41.80	
			For Gate With Double Barb Wire Arm, Add	60.80	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.25	
			For Aluminized Steel Gate And Post, Add	182.40	
			For Powder Coated Gate And Post, Add	98.80	
			For 1" Mesh Fabric, Add	165.30	
			For 1-1/4" Mesh Fabric, Add	106.40	
			For 1-3/4" Mesh Fabric, Add	66.12	
			For 2-1/8" Mesh Fabric, Deduct	-33.06	
32 31 13	13-0296	EA	4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	605.00	32.95
			For Gate With Single Barb Wire Arm, Add	55.65	
			For Gate With Double Barb Wire Arm, Add	80.94	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-94.85	
			For Aluminized Steel Gate And Post, Add	242.83	
			For Powder Coated Gate And Post, Add	131.53	
			For 1" Mesh Fabric, Add	220.06	
			For 1-1/4" Mesh Fabric, Add	141.65	
			For 1-3/4" Mesh Fabric, Add	88.02	
			For 2-1/8" Mesh Fabric, Deduct	-44.01	
32 31 13	13-0297	EA	5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	707.40	35.03
			For Gate With Single Barb Wire Arm, Add	66.24	
			For Gate With Double Barb Wire Arm, Add	96.35	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-112.91	
			For Aluminized Steel Gate And Post, Add	289.04	
			For Powder Coated Gate And Post, Add	156.56	
			For 1" Mesh Fabric, Add	261.94	
			For 1-1/4" Mesh Fabric, Add	168.61	
			For 1-3/4" Mesh Fabric, Add	104.78	
			For 2-1/8" Mesh Fabric, Deduct	-52.39	
32 31 13	13-0298	EA	6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	821.91	42.32
			For Gate With Single Barb Wire Arm, Add	76.42	
			For Gate With Double Barb Wire Arm, Add	111.16	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-130.26	
			For Aluminized Steel Gate And Post, Add	333.47	
			For Powder Coated Gate And Post, Add	180.63	
			For 1" Mesh Fabric, Add	302.21	
			For 1-1/4" Mesh Fabric, Add	194.52	
			For 1-3/4" Mesh Fabric, Add	120.88	
			For 2-1/8" Mesh Fabric, Deduct	-60.44	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0299	EA	7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	941.79	49.72
			<i>For Gate With Single Barb Wire Arm, Add</i>	87.19	
			<i>For Gate With Double Barb Wire Arm, Add</i>	126.82	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-148.62	
			<i>For Aluminized Steel Gate And Post, Add</i>	380.47	
			<i>For Powder Coated Gate And Post, Add</i>	206.09	
			<i>For 1" Mesh Fabric, Add</i>	344.80	
			<i>For 1-1/4" Mesh Fabric, Add</i>	221.94	
			<i>For 1-3/4" Mesh Fabric, Add</i>	137.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-68.96	
32 31 13	13-0300	EA	8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	1,055.85	56.66
			<i>For Gate With Single Barb Wire Arm, Add</i>	97.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	141.74	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-166.10	
			<i>For Aluminized Steel Gate And Post, Add</i>	425.23	
			<i>For Powder Coated Gate And Post, Add</i>	230.33	
			<i>For 1" Mesh Fabric, Add</i>	385.36	
			<i>For 1-1/4" Mesh Fabric, Add</i>	248.05	
			<i>For 1-3/4" Mesh Fabric, Add</i>	154.14	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-77.07	
32 31 13	13-0301	EA	9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	1,171.09	63.94
			<i>For Gate With Single Barb Wire Arm, Add</i>	107.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	156.66	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-183.59	
			<i>For Aluminized Steel Gate And Post, Add</i>	469.99	
			<i>For Powder Coated Gate And Post, Add</i>	254.58	
			<i>For 1" Mesh Fabric, Add</i>	425.93	
			<i>For 1-1/4" Mesh Fabric, Add</i>	274.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	170.37	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-85.19	
32 31 13	13-0302	EA	10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire .....	1,244.32	71.23
			<i>For Gate With Single Barb Wire Arm, Add</i>	113.35	
			<i>For Gate With Double Barb Wire Arm, Add</i>	164.87	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-193.21	
			<i>For Aluminized Steel Gate And Post, Add</i>	494.61	
			<i>For Powder Coated Gate And Post, Add</i>	267.91	
			<i>For 1" Mesh Fabric, Add</i>	448.24	
			<i>For 1-1/4" Mesh Fabric, Add</i>	288.52	
			<i>For 1-3/4" Mesh Fabric, Add</i>	179.29	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-89.65	
32 31 13	13-0303	EA	10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	1,729.74	71.11
			<i>For Gate With Single Barb Wire Arm, Add</i>	166.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	242.60	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-284.30	
			<i>For Aluminized Steel Gate And Post, Add</i>	727.81	
			<i>For Powder Coated Gate And Post, Add</i>	394.23	
			<i>For 1" Mesh Fabric, Add</i>	659.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	424.56	
			<i>For 1-3/4" Mesh Fabric, Add</i>	263.83	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-131.92	
32 31 13	13-0304	EA	12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	2,049.66	77.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	200.03	
			<i>For Gate With Double Barb Wire Arm, Add</i>	290.95	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-340.95	
			<i>For Aluminized Steel Gate And Post, Add</i>	872.84	
			<i>For Powder Coated Gate And Post, Add</i>	472.79	
			<i>For 1" Mesh Fabric, Add</i>	791.01	
			<i>For 1-1/4" Mesh Fabric, Add</i>	509.15	
			<i>For 1-3/4" Mesh Fabric, Add</i>	316.40	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-158.20	
32 31 13	13-0305	EA	14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	2,422.70	98.73
			<i>For Gate With Single Barb Wire Arm, Add</i>	233.88	
			<i>For Gate With Double Barb Wire Arm, Add</i>	340.18	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-398.65	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,020.55	
			<i>For Powder Coated Gate And Post, Add</i>	552.80	
			<i>For 1" Mesh Fabric, Add</i>	924.88	
			<i>For 1-1/4" Mesh Fabric, Add</i>	595.32	
			<i>For 1-3/4" Mesh Fabric, Add</i>	369.95	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-184.98	
32 31 13	13-0306	EA	16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	2,747.64	106.39
			<i>For Gate With Single Barb Wire Arm, Add</i>	267.11	
			<i>For Gate With Double Barb Wire Arm, Add</i>	388.52	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-455.30	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,165.57	
			<i>For Powder Coated Gate And Post, Add</i>	631.35	
			<i>For 1" Mesh Fabric, Add</i>	1,056.30	
			<i>For 1-1/4" Mesh Fabric, Add</i>	679.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	422.52	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-211.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0307 EA 18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	3,081.98	115.21
For Gate With Single Barb Wire Arm, Add	300.96	
For Gate With Double Barb Wire Arm, Add	437.76	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-513.00	
For Aluminized Steel Gate And Post, Add	1,313.28	
For Powder Coated Gate And Post, Add	711.36	
For 1" Mesh Fabric, Add	1,190.16	
For 1-1/4" Mesh Fabric, Add	766.08	
For 1-3/4" Mesh Fabric, Add	476.07	
For 2-1/8" Mesh Fabric, Deduct	-238.03	
32 31 13 13-0308 EA 20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	3,421.17	125.72
For Gate With Single Barb Wire Arm, Add	334.81	
For Gate With Double Barb Wire Arm, Add	487.00	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-570.70	
For Aluminized Steel Gate And Post, Add	1,461.00	
For Powder Coated Gate And Post, Add	791.38	
For 1" Mesh Fabric, Add	1,324.03	
For 1-1/4" Mesh Fabric, Add	852.25	
For 1-3/4" Mesh Fabric, Add	529.61	
For 2-1/8" Mesh Fabric, Deduct	-264.81	
32 31 13 13-0309 EA 22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	3,761.05	138.30
For Gate With Single Barb Wire Arm, Add	368.05	
For Gate With Double Barb Wire Arm, Add	535.34	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-627.35	
For Aluminized Steel Gate And Post, Add	1,606.02	
For Powder Coated Gate And Post, Add	869.93	
For 1" Mesh Fabric, Add	1,455.46	
For 1-1/4" Mesh Fabric, Add	936.85	
For 1-3/4" Mesh Fabric, Add	582.18	
For 2-1/8" Mesh Fabric, Deduct	-291.09	
32 31 13 13-0310 EA 24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	4,112.12	153.61
For Gate With Single Barb Wire Arm, Add	401.59	
For Gate With Double Barb Wire Arm, Add	584.13	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-684.53	
For Aluminized Steel Gate And Post, Add	1,752.39	
For Powder Coated Gate And Post, Add	949.21	
For 1" Mesh Fabric, Add	1,588.11	
For 1-1/4" Mesh Fabric, Add	1,022.23	
For 1-3/4" Mesh Fabric, Add	635.24	
For 2-1/8" Mesh Fabric, Deduct	-317.62	
32 31 13 13-0311 EA 26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	4,471.35	172.81
For Gate With Single Barb Wire Arm, Add	434.76	
For Gate With Double Barb Wire Arm, Add	632.38	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-741.07	
For Aluminized Steel Gate And Post, Add	1,897.15	
For Powder Coated Gate And Post, Add	1,027.62	
For 1" Mesh Fabric, Add	1,719.29	
For 1-1/4" Mesh Fabric, Add	1,106.67	
For 1-3/4" Mesh Fabric, Add	687.72	
For 2-1/8" Mesh Fabric, Deduct	-343.86	
32 31 13 13-0312 EA 28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	4,850.99	197.47
For Gate With Single Barb Wire Arm, Add	468.37	
For Gate With Double Barb Wire Arm, Add	681.26	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-798.35	
For Aluminized Steel Gate And Post, Add	2,043.79	
For Powder Coated Gate And Post, Add	1,107.05	
For 1" Mesh Fabric, Add	1,852.18	
For 1-1/4" Mesh Fabric, Add	1,192.21	
For 1-3/4" Mesh Fabric, Add	740.87	
For 2-1/8" Mesh Fabric, Deduct	-370.44	
32 31 13 13-0313 EA 30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire .....	5,255.89	230.42
For Gate With Single Barb Wire Arm, Add	502.03	
For Gate With Double Barb Wire Arm, Add	730.23	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-855.74	
For Aluminized Steel Gate And Post, Add	2,190.69	
For Powder Coated Gate And Post, Add	1,186.62	
For 1" Mesh Fabric, Add	1,985.31	
For 1-1/4" Mesh Fabric, Add	1,277.90	
For 1-3/4" Mesh Fabric, Add	794.13	
For 2-1/8" Mesh Fabric, Deduct	-397.06	
<b>32 31 13 13-0314 7' Fence Height (32 31 13 13-0253)</b>		
32 31 13 13-0315 EA 3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	503.05	35.49
For Gate With Single Barb Wire Arm, Add	43.60	
For Gate With Double Barb Wire Arm, Add	63.41	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-74.31	
For Aluminized Steel Gate And Post, Add	190.23	
For Powder Coated Gate And Post, Add	103.04	
For 1" Mesh Fabric, Add	172.40	
For 1-1/4" Mesh Fabric, Add	110.97	
For 1-3/4" Mesh Fabric, Add	68.96	
For 2-1/8" Mesh Fabric, Deduct	-34.48	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0316	EA	4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	633.60	35.49
			<i>For Gate With Single Barb Wire Arm, Add</i>	57.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	84.30	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-98.79	
			<i>For Aluminized Steel Gate And Post, Add</i>	252.90	
			<i>For Powder Coated Gate And Post, Add</i>	136.99	
			<i>For 1" Mesh Fabric, Add</i>	229.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	147.52	
			<i>For 1-3/4" Mesh Fabric, Add</i>	91.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-45.84	
32 31 13	13-0317	EA	5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	744.78	37.34
			<i>For Gate With Single Barb Wire Arm, Add</i>	69.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	101.22	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-118.62	
			<i>For Aluminized Steel Gate And Post, Add</i>	303.66	
			<i>For Powder Coated Gate And Post, Add</i>	164.48	
			<i>For 1" Mesh Fabric, Add</i>	275.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	177.13	
			<i>For 1-3/4" Mesh Fabric, Add</i>	110.08	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-55.04	
32 31 13	13-0318	EA	6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	912.66	45.44
			<i>For Gate With Single Barb Wire Arm, Add</i>	85.39	
			<i>For Gate With Double Barb Wire Arm, Add</i>	124.20	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-145.54	
			<i>For Aluminized Steel Gate And Post, Add</i>	372.59	
			<i>For Powder Coated Gate And Post, Add</i>	201.82	
			<i>For 1" Mesh Fabric, Add</i>	337.66	
			<i>For 1-1/4" Mesh Fabric, Add</i>	217.34	
			<i>For 1-3/4" Mesh Fabric, Add</i>	135.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-67.53	
32 31 13	13-0319	EA	7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	1,079.44	53.19
			<i>For Gate With Single Barb Wire Arm, Add</i>	101.19	
			<i>For Gate With Double Barb Wire Arm, Add</i>	147.18	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-172.48	
			<i>For Aluminized Steel Gate And Post, Add</i>	441.54	
			<i>For Powder Coated Gate And Post, Add</i>	239.17	
			<i>For 1" Mesh Fabric, Add</i>	400.15	
			<i>For 1-1/4" Mesh Fabric, Add</i>	257.57	
			<i>For 1-3/4" Mesh Fabric, Add</i>	160.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-80.03	
32 31 13	13-0320	EA	8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	1,247.33	61.17
			<i>For Gate With Single Barb Wire Arm, Add</i>	116.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	170.16	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-199.40	
			<i>For Aluminized Steel Gate And Post, Add</i>	510.48	
			<i>For Powder Coated Gate And Post, Add</i>	276.51	
			<i>For 1" Mesh Fabric, Add</i>	462.62	
			<i>For 1-1/4" Mesh Fabric, Add</i>	297.78	
			<i>For 1-3/4" Mesh Fabric, Add</i>	185.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-92.52	
32 31 13	13-0321	EA	9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	1,414.12	68.92
			<i>For Gate With Single Barb Wire Arm, Add</i>	132.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	193.14	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-226.34	
			<i>For Aluminized Steel Gate And Post, Add</i>	579.43	
			<i>For Powder Coated Gate And Post, Add</i>	313.86	
			<i>For 1" Mesh Fabric, Add</i>	525.11	
			<i>For 1-1/4" Mesh Fabric, Add</i>	338.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	210.04	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-105.02	
32 31 13	13-0322	EA	10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire .....	1,556.13	77.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	145.74	
			<i>For Gate With Double Barb Wire Arm, Add</i>	211.98	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-248.42	
			<i>For Aluminized Steel Gate And Post, Add</i>	635.94	
			<i>For Powder Coated Gate And Post, Add</i>	344.47	
			<i>For 1" Mesh Fabric, Add</i>	576.32	
			<i>For 1-1/4" Mesh Fabric, Add</i>	370.97	
			<i>For 1-3/4" Mesh Fabric, Add</i>	230.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-115.26	
32 31 13	13-0323	EA	10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	1,970.32	77.00
			<i>For Gate With Single Barb Wire Arm, Add</i>	191.30	
			<i>For Gate With Double Barb Wire Arm, Add</i>	278.25	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-326.08	
			<i>For Aluminized Steel Gate And Post, Add</i>	834.75	
			<i>For Powder Coated Gate And Post, Add</i>	452.16	
			<i>For 1" Mesh Fabric, Add</i>	756.50	
			<i>For 1-1/4" Mesh Fabric, Add</i>	486.94	
			<i>For 1-3/4" Mesh Fabric, Add</i>	302.60	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-151.30	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0324 EA 12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	2,230.26	98.73
For Gate With Single Barb Wire Arm, Add	212.71	
For Gate With Double Barb Wire Arm, Add	309.39	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-362.57	
For Aluminized Steel Gate And Post, Add	928.18	
For Powder Coated Gate And Post, Add	502.76	
For 1" Mesh Fabric, Add	841.16	
For 1-1/4" Mesh Fabric, Add	541.44	
For 1-3/4" Mesh Fabric, Add	336.47	
For 2-1/8" Mesh Fabric, Deduct	-168.23	
32 31 13 13-0325 EA 14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	2,575.35	106.39
For Gate With Single Barb Wire Arm, Add	248.16	
For Gate With Double Barb Wire Arm, Add	360.96	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-423.00	
For Aluminized Steel Gate And Post, Add	1,082.88	
For Powder Coated Gate And Post, Add	586.56	
For 1" Mesh Fabric, Add	981.36	
For 1-1/4" Mesh Fabric, Add	631.68	
For 1-3/4" Mesh Fabric, Add	392.54	
For 2-1/8" Mesh Fabric, Deduct	-196.27	
32 31 13 13-0326 EA 16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	2,897.34	115.21
For Gate With Single Barb Wire Arm, Add	280.65	
For Gate With Double Barb Wire Arm, Add	408.22	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-478.38	
For Aluminized Steel Gate And Post, Add	1,224.66	
For Powder Coated Gate And Post, Add	663.36	
For 1" Mesh Fabric, Add	1,109.85	
For 1-1/4" Mesh Fabric, Add	714.38	
For 1-3/4" Mesh Fabric, Add	443.94	
For 2-1/8" Mesh Fabric, Deduct	-221.97	
32 31 13 13-0327 EA 18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	3,253.31	125.72
For Gate With Single Barb Wire Arm, Add	316.35	
For Gate With Double Barb Wire Arm, Add	460.14	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-539.23	
For Aluminized Steel Gate And Post, Add	1,380.43	
For Powder Coated Gate And Post, Add	747.73	
For 1" Mesh Fabric, Add	1,251.01	
For 1-1/4" Mesh Fabric, Add	805.25	
For 1-3/4" Mesh Fabric, Add	500.40	
For 2-1/8" Mesh Fabric, Deduct	-250.20	
32 31 13 13-0328 EA 20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	3,609.98	138.30
For Gate With Single Barb Wire Arm, Add	351.43	
For Gate With Double Barb Wire Arm, Add	511.17	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-599.03	
For Aluminized Steel Gate And Post, Add	1,533.51	
For Powder Coated Gate And Post, Add	830.65	
For 1" Mesh Fabric, Add	1,389.74	
For 1-1/4" Mesh Fabric, Add	894.55	
For 1-3/4" Mesh Fabric, Add	555.90	
For 2-1/8" Mesh Fabric, Deduct	-277.95	
32 31 13 13-0329 EA 22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	3,975.04	153.61
For Gate With Single Barb Wire Arm, Add	386.51	
For Gate With Double Barb Wire Arm, Add	562.20	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-658.83	
For Aluminized Steel Gate And Post, Add	1,686.60	
For Powder Coated Gate And Post, Add	913.57	
For 1" Mesh Fabric, Add	1,528.48	
For 1-1/4" Mesh Fabric, Add	983.85	
For 1-3/4" Mesh Fabric, Add	611.39	
For 2-1/8" Mesh Fabric, Deduct	-305.70	
32 31 13 13-0330 EA 24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	4,351.62	172.81
For Gate With Single Barb Wire Arm, Add	421.59	
For Gate With Double Barb Wire Arm, Add	613.23	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-718.62	
For Aluminized Steel Gate And Post, Add	1,839.68	
For Powder Coated Gate And Post, Add	996.49	
For 1" Mesh Fabric, Add	1,667.21	
For 1-1/4" Mesh Fabric, Add	1,073.14	
For 1-3/4" Mesh Fabric, Add	666.88	
For 2-1/8" Mesh Fabric, Deduct	-333.44	
32 31 13 13-0331 EA 26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire.....	4,744.68	197.47
For Gate With Single Barb Wire Arm, Add	456.67	
For Gate With Double Barb Wire Arm, Add	664.25	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-778.42	
For Aluminized Steel Gate And Post, Add	1,992.76	
For Powder Coated Gate And Post, Add	1,079.41	
For 1" Mesh Fabric, Add	1,805.94	
For 1-1/4" Mesh Fabric, Add	1,162.44	
For 1-3/4" Mesh Fabric, Add	722.37	
For 2-1/8" Mesh Fabric, Deduct	-361.19	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0332	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	5,162.45	230.42
			<i>For Gate With Single Barb Wire Arm, Add</i>	491.76	
			<i>For Gate With Double Barb Wire Arm, Add</i>	715.28	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-838.22	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,145.84	
			<i>For Powder Coated Gate And Post, Add</i>	1,162.33	
			<i>For 1" Mesh Fabric, Add</i>	1,944.67	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,251.74	
			<i>For 1-3/4" Mesh Fabric, Add</i>	777.87	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-388.93	
32 31 13	13-0333	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire .....	5,619.76	276.48
			<i>For Gate With Single Barb Wire Arm, Add</i>	526.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	766.31	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-898.02	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,298.92	
			<i>For Powder Coated Gate And Post, Add</i>	1,245.25	
			<i>For 1" Mesh Fabric, Add</i>	2,083.40	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,341.04	
			<i>For 1-3/4" Mesh Fabric, Add</i>	833.36	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-416.68	
<b>32 31 13</b>	<b>13-0334</b>		<b>8' Fence Height</b> <small>(32 31 13 13-0253)</small>		
32 31 13	13-0335	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	588.95	38.50
			<i>For Gate With Single Barb Wire Arm, Add</i>	52.07	
			<i>For Gate With Double Barb Wire Arm, Add</i>	75.73	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-88.75	
			<i>For Aluminized Steel Gate And Post, Add</i>	227.19	
			<i>For Powder Coated Gate And Post, Add</i>	123.06	
			<i>For 1" Mesh Fabric, Add</i>	205.89	
			<i>For 1-1/4" Mesh Fabric, Add</i>	132.53	
			<i>For 1-3/4" Mesh Fabric, Add</i>	82.36	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-41.18	
32 31 13	13-0336	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	746.73	38.50
			<i>For Gate With Single Barb Wire Arm, Add</i>	69.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	100.98	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-118.33	
			<i>For Aluminized Steel Gate And Post, Add</i>	302.93	
			<i>For Powder Coated Gate And Post, Add</i>	164.09	
			<i>For 1" Mesh Fabric, Add</i>	274.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	176.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	109.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-54.91	
32 31 13	13-0337	EA	5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	871.16	42.90
			<i>For Gate With Single Barb Wire Arm, Add</i>	81.65	
			<i>For Gate With Double Barb Wire Arm, Add</i>	118.76	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-139.17	
			<i>For Aluminized Steel Gate And Post, Add</i>	356.28	
			<i>For Powder Coated Gate And Post, Add</i>	192.98	
			<i>For 1" Mesh Fabric, Add</i>	322.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	207.83	
			<i>For 1-3/4" Mesh Fabric, Add</i>	129.15	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.57	
32 31 13	13-0338	EA	6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	999.08	48.56
			<i>For Gate With Single Barb Wire Arm, Add</i>	93.87	
			<i>For Gate With Double Barb Wire Arm, Add</i>	136.54	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-160.01	
			<i>For Aluminized Steel Gate And Post, Add</i>	409.63	
			<i>For Powder Coated Gate And Post, Add</i>	221.88	
			<i>For 1" Mesh Fabric, Add</i>	371.23	
			<i>For 1-1/4" Mesh Fabric, Add</i>	238.95	
			<i>For 1-3/4" Mesh Fabric, Add</i>	148.49	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-74.25	
32 31 13	13-0339	EA	7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	1,140.29	58.51
			<i>For Gate With Single Barb Wire Arm, Add</i>	106.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	154.33	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-180.85	
			<i>For Aluminized Steel Gate And Post, Add</i>	462.98	
			<i>For Powder Coated Gate And Post, Add</i>	250.78	
			<i>For 1" Mesh Fabric, Add</i>	419.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	270.07	
			<i>For 1-3/4" Mesh Fabric, Add</i>	167.83	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-83.92	
32 31 13	13-0340	EA	8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	1,280.37	68.11
			<i>For Gate With Single Barb Wire Arm, Add</i>	118.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	172.11	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-201.70	
			<i>For Aluminized Steel Gate And Post, Add</i>	516.34	
			<i>For Powder Coated Gate And Post, Add</i>	279.68	
			<i>For 1" Mesh Fabric, Add</i>	467.93	
			<i>For 1-1/4" Mesh Fabric, Add</i>	301.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	187.17	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-93.59	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0341 EA 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	1,421.58	78.16
For Gate With Single Barb Wire Arm, Add	130.55	
For Gate With Double Barb Wire Arm, Add	189.90	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.54	
For Aluminized Steel Gate And Post, Add	569.69	
For Powder Coated Gate And Post, Add	308.58	
For 1" Mesh Fabric, Add	516.28	
For 1-1/4" Mesh Fabric, Add	332.32	
For 1-3/4" Mesh Fabric, Add	206.51	
For 2-1/8" Mesh Fabric, Deduct	-103.26	
32 31 13 13-0342 EA 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire .....	1,562.79	88.22
For Gate With Single Barb Wire Arm, Add	142.78	
For Gate With Double Barb Wire Arm, Add	207.68	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-243.38	
For Aluminized Steel Gate And Post, Add	623.05	
For Powder Coated Gate And Post, Add	337.49	
For 1" Mesh Fabric, Add	564.64	
For 1-1/4" Mesh Fabric, Add	363.45	
For 1-3/4" Mesh Fabric, Add	225.86	
For 2-1/8" Mesh Fabric, Deduct	-112.93	
32 31 13 13-0343 EA 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	2,243.61	98.73
For Gate With Single Barb Wire Arm, Add	214.18	
For Gate With Double Barb Wire Arm, Add	311.53	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-365.07	
For Aluminized Steel Gate And Post, Add	934.59	
For Powder Coated Gate And Post, Add	506.24	
For 1" Mesh Fabric, Add	846.97	
For 1-1/4" Mesh Fabric, Add	545.18	
For 1-3/4" Mesh Fabric, Add	338.79	
For 2-1/8" Mesh Fabric, Deduct	-169.39	
32 31 13 13-0344 EA 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	2,641.33	106.39
For Gate With Single Barb Wire Arm, Add	255.42	
For Gate With Double Barb Wire Arm, Add	371.52	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-435.37	
For Aluminized Steel Gate And Post, Add	1,114.55	
For Powder Coated Gate And Post, Add	603.71	
For 1" Mesh Fabric, Add	1,010.06	
For 1-1/4" Mesh Fabric, Add	650.15	
For 1-3/4" Mesh Fabric, Add	404.02	
For 2-1/8" Mesh Fabric, Deduct	-202.01	
32 31 13 13-0345 EA 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	3,048.41	115.21
For Gate With Single Barb Wire Arm, Add	297.27	
For Gate With Double Barb Wire Arm, Add	432.39	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-506.71	
For Aluminized Steel Gate And Post, Add	1,297.17	
For Powder Coated Gate And Post, Add	702.63	
For 1" Mesh Fabric, Add	1,175.56	
For 1-1/4" Mesh Fabric, Add	756.68	
For 1-3/4" Mesh Fabric, Add	470.22	
For 2-1/8" Mesh Fabric, Deduct	-235.11	
32 31 13 13-0346 EA 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	3,471.52	125.72
For Gate With Single Barb Wire Arm, Add	340.35	
For Gate With Double Barb Wire Arm, Add	495.06	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-580.14	
For Aluminized Steel Gate And Post, Add	1,485.17	
For Powder Coated Gate And Post, Add	804.47	
For 1" Mesh Fabric, Add	1,345.93	
For 1-1/4" Mesh Fabric, Add	866.35	
For 1-3/4" Mesh Fabric, Add	538.37	
For 2-1/8" Mesh Fabric, Deduct	-269.19	
32 31 13 13-0347 EA 18' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	3,900.93	138.30
For Gate With Single Barb Wire Arm, Add	383.43	
For Gate With Double Barb Wire Arm, Add	557.72	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-653.58	
For Aluminized Steel Gate And Post, Add	1,673.16	
For Powder Coated Gate And Post, Add	906.30	
For 1" Mesh Fabric, Add	1,516.31	
For 1-1/4" Mesh Fabric, Add	976.01	
For 1-3/4" Mesh Fabric, Add	606.52	
For 2-1/8" Mesh Fabric, Deduct	-303.26	
32 31 13 13-0348 EA 20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	4,333.12	153.61
For Gate With Single Barb Wire Arm, Add	425.90	
For Gate With Double Barb Wire Arm, Add	619.49	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-725.97	
For Aluminized Steel Gate And Post, Add	1,858.47	
For Powder Coated Gate And Post, Add	1,006.67	
For 1" Mesh Fabric, Add	1,684.24	
For 1-1/4" Mesh Fabric, Add	1,084.11	
For 1-3/4" Mesh Fabric, Add	673.70	
For 2-1/8" Mesh Fabric, Deduct	-336.85	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0349	EA	22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	4,771.25	172.81
			<i>For Gate With Single Barb Wire Arm, Add</i>	467.75	
			<i>For Gate With Double Barb Wire Arm, Add</i>	680.37	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-797.30	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,041.10	
			<i>For Powder Coated Gate And Post, Add</i>	1,105.60	
			<i>For 1" Mesh Fabric, Add</i>	1,849.75	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,190.64	
			<i>For 1-3/4" Mesh Fabric, Add</i>	739.90	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-369.95	
32 31 13	13-0350	EA	24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	5,237.05	197.47
			<i>For Gate With Single Barb Wire Arm, Add</i>	510.83	
			<i>For Gate With Double Barb Wire Arm, Add</i>	743.03	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-870.74	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,229.10	
			<i>For Powder Coated Gate And Post, Add</i>	1,207.43	
			<i>For 1" Mesh Fabric, Add</i>	2,020.12	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,300.31	
			<i>For 1-3/4" Mesh Fabric, Add</i>	808.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-404.02	
32 31 13	13-0351	EA	26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	5,727.56	230.42
			<i>For Gate With Single Barb Wire Arm, Add</i>	553.92	
			<i>For Gate With Double Barb Wire Arm, Add</i>	805.70	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-944.18	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,417.09	
			<i>For Powder Coated Gate And Post, Add</i>	1,309.26	
			<i>For 1" Mesh Fabric, Add</i>	2,190.49	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,409.97	
			<i>For 1-3/4" Mesh Fabric, Add</i>	876.20	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-438.10	
32 31 13	13-0352	EA	28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	6,252.01	276.48
			<i>For Gate With Single Barb Wire Arm, Add</i>	596.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	867.47	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,016.56	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,602.40	
			<i>For Powder Coated Gate And Post, Add</i>	1,409.63	
			<i>For 1" Mesh Fabric, Add</i>	2,358.43	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,518.07	
			<i>For 1-3/4" Mesh Fabric, Add</i>	943.37	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-471.69	
32 31 13	13-0353	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire .....	6,845.65	345.63
			<i>For Gate With Single Barb Wire Arm, Add</i>	638.85	
			<i>For Gate With Double Barb Wire Arm, Add</i>	929.24	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,088.95	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,787.71	
			<i>For Powder Coated Gate And Post, Add</i>	1,510.01	
			<i>For 1" Mesh Fabric, Add</i>	2,526.36	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,626.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,010.55	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-505.27	
<b>32 31 13</b>	<b>13-0354</b>		<b>10' Fence Height</b> <small>(32 31 13 13-0253)</small>		
32 31 13	13-0355	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	740.54	42.78
			<i>For Gate With Single Barb Wire Arm, Add</i>	67.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	97.93	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-114.76	
			<i>For Aluminized Steel Gate And Post, Add</i>	293.79	
			<i>For Powder Coated Gate And Post, Add</i>	159.14	
			<i>For 1" Mesh Fabric, Add</i>	266.25	
			<i>For 1-1/4" Mesh Fabric, Add</i>	171.38	
			<i>For 1-3/4" Mesh Fabric, Add</i>	106.50	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-53.25	
32 31 13	13-0356	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	944.56	42.78
			<i>For Gate With Single Barb Wire Arm, Add</i>	89.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	130.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-153.02	
			<i>For Aluminized Steel Gate And Post, Add</i>	391.72	
			<i>For Powder Coated Gate And Post, Add</i>	212.18	
			<i>For 1" Mesh Fabric, Add</i>	355.00	
			<i>For 1-1/4" Mesh Fabric, Add</i>	228.51	
			<i>For 1-3/4" Mesh Fabric, Add</i>	142.00	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-71.00	
32 31 13	13-0357	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,093.96	44.63
			<i>For Gate With Single Barb Wire Arm, Add</i>	105.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	153.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-179.97	
			<i>For Aluminized Steel Gate And Post, Add</i>	460.72	
			<i>For Powder Coated Gate And Post, Add</i>	249.56	
			<i>For 1" Mesh Fabric, Add</i>	417.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	268.76	
			<i>For 1-3/4" Mesh Fabric, Add</i>	167.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-83.51	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0358 EA 6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,270.09	55.50
For Gate With Single Barb Wire Arm, Add	121.39	
For Gate With Double Barb Wire Arm, Add	176.57	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-206.92	
For Aluminized Steel Gate And Post, Add	529.72	
For Powder Coated Gate And Post, Add	286.93	
For 1" Mesh Fabric, Add	480.06	
For 1-1/4" Mesh Fabric, Add	309.01	
For 1-3/4" Mesh Fabric, Add	192.02	
For 2-1/8" Mesh Fabric, Deduct	-96.01	
32 31 13 13-0359 EA 7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,445.50	65.79
For Gate With Single Barb Wire Arm, Add	137.20	
For Gate With Double Barb Wire Arm, Add	199.57	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-233.87	
For Aluminized Steel Gate And Post, Add	598.70	
For Powder Coated Gate And Post, Add	324.30	
For 1" Mesh Fabric, Add	542.57	
For 1-1/4" Mesh Fabric, Add	349.24	
For 1-3/4" Mesh Fabric, Add	217.03	
For 2-1/8" Mesh Fabric, Deduct	-108.51	
32 31 13 13-0360 EA 8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,621.12	76.66
For Gate With Single Barb Wire Arm, Add	153.01	
For Gate With Double Barb Wire Arm, Add	222.57	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-260.82	
For Aluminized Steel Gate And Post, Add	667.70	
For Powder Coated Gate And Post, Add	361.67	
For 1" Mesh Fabric, Add	605.10	
For 1-1/4" Mesh Fabric, Add	389.49	
For 1-3/4" Mesh Fabric, Add	242.04	
For 2-1/8" Mesh Fabric, Deduct	-121.02	
32 31 13 13-0361 EA 9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,796.08	87.06
For Gate With Single Barb Wire Arm, Add	168.83	
For Gate With Double Barb Wire Arm, Add	245.57	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-287.77	
For Aluminized Steel Gate And Post, Add	736.70	
For Powder Coated Gate And Post, Add	399.05	
For 1" Mesh Fabric, Add	667.63	
For 1-1/4" Mesh Fabric, Add	429.74	
For 1-3/4" Mesh Fabric, Add	267.05	
For 2-1/8" Mesh Fabric, Deduct	-133.53	
32 31 13 13-0362 EA 10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire .....	1,972.23	97.82
For Gate With Single Barb Wire Arm, Add	184.64	
For Gate With Double Barb Wire Arm, Add	268.57	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-314.73	
For Aluminized Steel Gate And Post, Add	805.70	
For Powder Coated Gate And Post, Add	436.42	
For 1" Mesh Fabric, Add	730.16	
For 1-1/4" Mesh Fabric, Add	469.99	
For 1-3/4" Mesh Fabric, Add	292.07	
For 2-1/8" Mesh Fabric, Deduct	-146.03	
32 31 13 13-0363 EA 10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	2,847.28	109.76
For Gate With Single Barb Wire Arm, Add	276.96	
For Gate With Double Barb Wire Arm, Add	402.84	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-472.08	
For Aluminized Steel Gate And Post, Add	1,208.53	
For Powder Coated Gate And Post, Add	654.62	
For 1" Mesh Fabric, Add	1,095.23	
For 1-1/4" Mesh Fabric, Add	704.98	
For 1-3/4" Mesh Fabric, Add	438.09	
For 2-1/8" Mesh Fabric, Deduct	-219.05	
32 31 13 13-0364 EA 12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	3,096.37	118.06
For Gate With Single Barb Wire Arm, Add	301.58	
For Gate With Double Barb Wire Arm, Add	438.66	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-514.06	
For Aluminized Steel Gate And Post, Add	1,315.99	
For Powder Coated Gate And Post, Add	712.83	
For 1" Mesh Fabric, Add	1,192.62	
For 1-1/4" Mesh Fabric, Add	767.66	
For 1-3/4" Mesh Fabric, Add	477.05	
For 2-1/8" Mesh Fabric, Deduct	-238.52	
32 31 13 13-0365 EA 14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	3,528.88	128.05
For Gate With Single Barb Wire Arm, Add	345.89	
For Gate With Double Barb Wire Arm, Add	503.11	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-589.59	
For Aluminized Steel Gate And Post, Add	1,509.34	
For Powder Coated Gate And Post, Add	817.56	
For 1" Mesh Fabric, Add	1,367.84	
For 1-1/4" Mesh Fabric, Add	880.45	
For 1-3/4" Mesh Fabric, Add	547.14	
For 2-1/8" Mesh Fabric, Deduct	-273.57	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0366	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	4,011.26	139.60
			<i>For Gate With Single Barb Wire Arm, Add</i>	395.13	
			<i>For Gate With Double Barb Wire Arm, Add</i>	574.73	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-673.51	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,724.19	
			<i>For Powder Coated Gate And Post, Add</i>	933.94	
			<i>For 1" Mesh Fabric, Add</i>	1,562.55	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,005.78	
			<i>For 1-3/4" Mesh Fabric, Add</i>	625.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-312.51	
32 31 13	13-0367	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	4,500.98	153.61
			<i>For Gate With Single Barb Wire Arm, Add</i>	444.36	
			<i>For Gate With Double Barb Wire Arm, Add</i>	646.35	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-757.44	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,939.05	
			<i>For Powder Coated Gate And Post, Add</i>	1,050.32	
			<i>For 1" Mesh Fabric, Add</i>	1,757.26	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,131.11	
			<i>For 1-3/4" Mesh Fabric, Add</i>	702.90	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-351.45	
32 31 13	13-0368	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	5,002.38	170.61
			<i>For Gate With Single Barb Wire Arm, Add</i>	493.91	
			<i>For Gate With Double Barb Wire Arm, Add</i>	718.41	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-841.89	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,155.24	
			<i>For Powder Coated Gate And Post, Add</i>	1,167.42	
			<i>For 1" Mesh Fabric, Add</i>	1,953.18	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,257.22	
			<i>For 1-3/4" Mesh Fabric, Add</i>	781.27	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-390.64	
32 31 13	13-0369	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	5,517.12	192.02
			<i>For Gate With Single Barb Wire Arm, Add</i>	543.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	790.48	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-926.34	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,371.44	
			<i>For Powder Coated Gate And Post, Add</i>	1,284.53	
			<i>For 1" Mesh Fabric, Add</i>	2,149.11	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,383.34	
			<i>For 1-3/4" Mesh Fabric, Add</i>	859.65	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-429.82	
32 31 13	13-0370	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	6,046.68	219.26
			<i>For Gate With Single Barb Wire Arm, Add</i>	592.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	862.10	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,010.27	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,586.29	
			<i>For Powder Coated Gate And Post, Add</i>	1,400.91	
			<i>For 1" Mesh Fabric, Add</i>	2,343.82	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,508.67	
			<i>For 1-3/4" Mesh Fabric, Add</i>	937.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-468.76	
32 31 13	13-0371	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	6,604.54	255.98
			<i>For Gate With Single Barb Wire Arm, Add</i>	641.93	
			<i>For Gate With Double Barb Wire Arm, Add</i>	933.71	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,094.20	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,801.14	
			<i>For Powder Coated Gate And Post, Add</i>	1,517.28	
			<i>For 1" Mesh Fabric, Add</i>	2,538.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,634.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,015.41	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-507.71	
32 31 13	13-0372	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	7,205.10	306.97
			<i>For Gate With Single Barb Wire Arm, Add</i>	691.17	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,005.33	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,178.12	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,015.99	
			<i>For Powder Coated Gate And Post, Add</i>	1,633.66	
			<i>For 1" Mesh Fabric, Add</i>	2,733.24	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,759.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,093.30	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-546.65	
32 31 13	13-0373	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire .....	7,889.77	384.03
			<i>For Gate With Single Barb Wire Arm, Add</i>	741.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,077.84	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,263.10	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,233.53	
			<i>For Powder Coated Gate And Post, Add</i>	1,751.50	
			<i>For 1" Mesh Fabric, Add</i>	2,930.39	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,886.23	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,172.15	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-586.08	

32 31 13 13-0374 12' Fence Height (32 31 13 13-0253)



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0375	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	926.20 86.18 125.35 -146.90 376.06 203.70 340.80 219.37 136.32 -68.16	47.52
32 31 13	13-0376	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,187.34 114.90 167.13 -195.86 501.40 271.59 454.40 292.49 181.76 -90.88	47.52
32 31 13	13-0377	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,376.60 135.15 196.58 -230.36 589.73 319.44 534.44 344.01 213.78 -106.89	49.26
32 31 13	13-0378	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,596.42 155.38 226.01 -264.86 678.04 367.27 614.47 395.52 245.79 -122.89	61.17
32 31 13	13-0379	EA	7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	690.96 51.84 75.40 -88.36 226.20 122.53 205.00 131.95 82.00 -41.00	73.19
32 31 13	13-0380	EA	8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	779.95 57.81 84.09 -98.54 252.27 136.65 228.62 147.16 91.45 -45.72	84.75
32 31 13	13-0381	EA	9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	870.10 63.79 92.78 -108.73 278.34 150.77 252.25 162.37 100.90 -50.45	96.66
32 31 13	13-0382	EA	10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire ..... <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	960.26 69.76 101.47 -118.91 304.41 164.89 275.87 177.57 110.35 -55.17	108.57

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0383	EA 10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,249.69	121.96
	<i>For Gate With Single Barb Wire Arm, Add</i>	97.19	
	<i>For Gate With Double Barb Wire Arm, Add</i>	141.37	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-165.67	
	<i>For Aluminized Steel Gate And Post, Add</i>	424.12	
	<i>For Powder Coated Gate And Post, Add</i>	229.73	
	<i>For 1" Mesh Fabric, Add</i>	384.36	
	<i>For 1-1/4" Mesh Fabric, Add</i>	247.40	
	<i>For 1-3/4" Mesh Fabric, Add</i>	153.74	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-76.87	
32 31 13 13-0384	EA 12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,365.17	131.30
	<i>For Gate With Single Barb Wire Arm, Add</i>	106.82	
	<i>For Gate With Double Barb Wire Arm, Add</i>	155.38	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-182.09	
	<i>For Aluminized Steel Gate And Post, Add</i>	466.14	
	<i>For Powder Coated Gate And Post, Add</i>	252.49	
	<i>For 1" Mesh Fabric, Add</i>	422.44	
	<i>For 1-1/4" Mesh Fabric, Add</i>	271.91	
	<i>For 1-3/4" Mesh Fabric, Add</i>	168.97	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-84.49	
32 31 13 13-0385	EA 14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,540.28	142.20
	<i>For Gate With Single Barb Wire Arm, Add</i>	122.45	
	<i>For Gate With Double Barb Wire Arm, Add</i>	178.10	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-208.72	
	<i>For Aluminized Steel Gate And Post, Add</i>	534.31	
	<i>For Powder Coated Gate And Post, Add</i>	289.42	
	<i>For 1" Mesh Fabric, Add</i>	484.22	
	<i>For 1-1/4" Mesh Fabric, Add</i>	311.68	
	<i>For 1-3/4" Mesh Fabric, Add</i>	193.69	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-96.84	
32 31 13 13-0386	EA 16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	1,737.55	155.04
	<i>For Gate With Single Barb Wire Arm, Add</i>	139.89	
	<i>For Gate With Double Barb Wire Arm, Add</i>	203.47	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-238.44	
	<i>For Aluminized Steel Gate And Post, Add</i>	610.42	
	<i>For Powder Coated Gate And Post, Add</i>	330.64	
	<i>For 1" Mesh Fabric, Add</i>	553.19	
	<i>For 1-1/4" Mesh Fabric, Add</i>	356.08	
	<i>For 1-3/4" Mesh Fabric, Add</i>	221.28	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-110.64	
32 31 13 13-0387	EA 18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	5,357.67	170.74
	<i>For Gate With Single Barb Wire Arm, Add</i>	532.99	
	<i>For Gate With Double Barb Wire Arm, Add</i>	775.26	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-908.51	
	<i>For Aluminized Steel Gate And Post, Add</i>	2,325.78	
	<i>For Powder Coated Gate And Post, Add</i>	1,259.80	
	<i>For 1" Mesh Fabric, Add</i>	2,107.74	
	<i>For 1-1/4" Mesh Fabric, Add</i>	1,356.70	
	<i>For 1-3/4" Mesh Fabric, Add</i>	843.09	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-421.55	
32 31 13 13-0388	EA 20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	5,957.14	189.55
	<i>For Gate With Single Barb Wire Arm, Add</i>	592.69	
	<i>For Gate With Double Barb Wire Arm, Add</i>	862.10	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,010.27	
	<i>For Aluminized Steel Gate And Post, Add</i>	2,586.29	
	<i>For Powder Coated Gate And Post, Add</i>	1,400.91	
	<i>For 1" Mesh Fabric, Add</i>	2,343.82	
	<i>For 1-1/4" Mesh Fabric, Add</i>	1,508.67	
	<i>For 1-3/4" Mesh Fabric, Add</i>	937.53	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-468.76	
32 31 13 13-0389	EA 22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	6,565.93	213.30
	<i>For Gate With Single Barb Wire Arm, Add</i>	651.78	
	<i>For Gate With Double Barb Wire Arm, Add</i>	948.04	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,110.98	
	<i>For Aluminized Steel Gate And Post, Add</i>	2,844.11	
	<i>For Powder Coated Gate And Post, Add</i>	1,540.56	
	<i>For 1" Mesh Fabric, Add</i>	2,577.48	
	<i>For 1-1/4" Mesh Fabric, Add</i>	1,659.06	
	<i>For 1-3/4" Mesh Fabric, Add</i>	1,030.99	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-515.50	
32 31 13 13-0390	EA 24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	7,199.71	243.65
	<i>For Gate With Single Barb Wire Arm, Add</i>	711.48	
	<i>For Gate With Double Barb Wire Arm, Add</i>	1,034.87	
	<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,212.74	
	<i>For Aluminized Steel Gate And Post, Add</i>	3,104.62	
	<i>For Powder Coated Gate And Post, Add</i>	1,681.67	
	<i>For 1" Mesh Fabric, Add</i>	2,813.56	
	<i>For 1-1/4" Mesh Fabric, Add</i>	1,811.03	
	<i>For 1-3/4" Mesh Fabric, Add</i>	1,125.43	
	<i>For 2-1/8" Mesh Fabric, Deduct</i>	-562.71	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0391	EA	26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	7,853.76	284.52
			<i>For Gate With Single Barb Wire Arm, Add</i>	769.95	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,119.92	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,312.41	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,359.76	
			<i>For Powder Coated Gate And Post, Add</i>	1,819.87	
			<i>For 1" Mesh Fabric, Add</i>	3,044.78	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,959.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,217.91	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-608.96	
32 31 13	13-0392	EA	28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	8,560.83	341.09
			<i>For Gate With Single Barb Wire Arm, Add</i>	829.03	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,205.86	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,413.12	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,617.58	
			<i>For Powder Coated Gate And Post, Add</i>	1,959.52	
			<i>For 1" Mesh Fabric, Add</i>	3,278.43	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,110.26	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,311.37	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-655.69	
32 31 13	13-0393	EA	30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire .....	9,360.74	426.72
			<i>For Gate With Single Barb Wire Arm, Add</i>	888.73	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,292.70	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,514.88	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,878.09	
			<i>For Powder Coated Gate And Post, Add</i>	2,100.63	
			<i>For 1" Mesh Fabric, Add</i>	3,514.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,262.22	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,405.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-702.90	
32 31 13	13-0394		<b>Vinyl Coated Without Barb Wire Arm</b> <small>(32 31 13 13-0252)</small>		
			Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13	13-0395		<b>4' Fence Height</b> <small>(32 31 13 13-0394)</small>		
32 31 13	13-0396	EA	3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	196.93	28.90
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-20.66	
			<i>For 1" Mesh Fabric, Add</i>	47.94	
			<i>For 1-1/4" Mesh Fabric, Add</i>	30.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	19.18	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-9.59	
			<i>For Gate With Single Barb Wire Arm, Add</i>	12.12	
			<i>For Gate With Double Barb Wire Arm, Add</i>	17.63	
32 31 13	13-0397	EA	4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	233.66	28.90
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-27.55	
			<i>For 1" Mesh Fabric, Add</i>	63.92	
			<i>For 1-1/4" Mesh Fabric, Add</i>	41.14	
			<i>For 1-3/4" Mesh Fabric, Add</i>	25.57	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-12.78	
			<i>For Gate With Single Barb Wire Arm, Add</i>	16.16	
			<i>For Gate With Double Barb Wire Arm, Add</i>	23.51	
32 31 13	13-0398	EA	5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	270.06	30.75
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-33.29	
			<i>For 1" Mesh Fabric, Add</i>	77.24	
			<i>For 1-1/4" Mesh Fabric, Add</i>	49.72	
			<i>For 1-3/4" Mesh Fabric, Add</i>	30.90	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-15.45	
			<i>For Gate With Single Barb Wire Arm, Add</i>	19.53	
			<i>For Gate With Double Barb Wire Arm, Add</i>	28.41	
32 31 13	13-0399	EA	6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	319.17	37.00
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-39.03	
			<i>For 1" Mesh Fabric, Add</i>	90.55	
			<i>For 1-1/4" Mesh Fabric, Add</i>	58.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	36.22	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.11	
			<i>For Gate With Single Barb Wire Arm, Add</i>	22.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	33.31	
32 31 13	13-0400	EA	7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	368.27	43.13
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-44.77	
			<i>For 1" Mesh Fabric, Add</i>	103.86	
			<i>For 1-1/4" Mesh Fabric, Add</i>	66.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	41.55	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-20.77	
			<i>For Gate With Single Barb Wire Arm, Add</i>	26.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	38.20	
32 31 13	13-0401	EA	8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	417.40	49.26
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-50.51	
			<i>For 1" Mesh Fabric, Add</i>	117.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	75.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	46.88	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-23.44	
			<i>For Gate With Single Barb Wire Arm, Add</i>	29.63	
			<i>For Gate With Double Barb Wire Arm, Add</i>	43.10	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0402	EA	9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	466.52	55.50
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.25	
			<i>For 1" Mesh Fabric, Add</i>	130.50	
			<i>For 1-1/4" Mesh Fabric, Add</i>	84.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	52.20	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.10	
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.00	
			<i>For Gate With Double Barb Wire Arm, Add</i>	48.00	
32 31 13	13-0403	EA	10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	515.61	61.63
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.99	
			<i>For 1" Mesh Fabric, Add</i>	143.82	
			<i>For 1-1/4" Mesh Fabric, Add</i>	92.57	
			<i>For 1-3/4" Mesh Fabric, Add</i>	57.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-28.76	
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.37	
			<i>For Gate With Double Barb Wire Arm, Add</i>	52.90	
32 31 13	13-0404	EA	10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	625.82	61.63
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-82.65	
			<i>For 1" Mesh Fabric, Add</i>	191.76	
			<i>For 1-1/4" Mesh Fabric, Add</i>	123.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	76.70	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-38.35	
			<i>For Gate With Single Barb Wire Arm, Add</i>	48.49	
			<i>For Gate With Double Barb Wire Arm, Add</i>	70.53	
32 31 13	13-0405	EA	12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	727.20	66.03
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-99.19	
			<i>For 1" Mesh Fabric, Add</i>	230.11	
			<i>For 1-1/4" Mesh Fabric, Add</i>	148.12	
			<i>For 1-3/4" Mesh Fabric, Add</i>	92.04	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-46.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	58.19	
			<i>For Gate With Double Barb Wire Arm, Add</i>	84.64	
32 31 13	13-0406	EA	14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	830.61	71.11
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-115.72	
			<i>For 1" Mesh Fabric, Add</i>	268.46	
			<i>For 1-1/4" Mesh Fabric, Add</i>	172.80	
			<i>For 1-3/4" Mesh Fabric, Add</i>	107.38	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-53.69	
			<i>For Gate With Single Barb Wire Arm, Add</i>	67.89	
			<i>For Gate With Double Barb Wire Arm, Add</i>	98.74	
32 31 13	13-0407	EA	16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	936.57	77.00
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-132.25	
			<i>For 1" Mesh Fabric, Add</i>	306.81	
			<i>For 1-1/4" Mesh Fabric, Add</i>	197.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	122.73	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-61.36	
			<i>For Gate With Single Barb Wire Arm, Add</i>	77.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	112.85	
32 31 13	13-0408	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,070.26	92.12
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-148.78	
			<i>For 1" Mesh Fabric, Add</i>	345.16	
			<i>For 1-1/4" Mesh Fabric, Add</i>	222.17	
			<i>For 1-3/4" Mesh Fabric, Add</i>	138.07	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-69.03	
			<i>For Gate With Single Barb Wire Arm, Add</i>	87.28	
			<i>For Gate With Double Barb Wire Arm, Add</i>	126.96	
32 31 13	13-0409	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,178.19	98.73
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-165.31	
			<i>For 1" Mesh Fabric, Add</i>	383.51	
			<i>For 1-1/4" Mesh Fabric, Add</i>	246.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	153.41	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-76.70	
			<i>For Gate With Single Barb Wire Arm, Add</i>	96.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	141.06	
32 31 13	13-0410	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,289.17	106.39
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-181.84	
			<i>For 1" Mesh Fabric, Add</i>	421.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	271.55	
			<i>For 1-3/4" Mesh Fabric, Add</i>	168.75	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-84.37	
			<i>For Gate With Single Barb Wire Arm, Add</i>	106.68	
			<i>For Gate With Double Barb Wire Arm, Add</i>	155.17	
32 31 13	13-0411	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,403.94	115.21
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-198.37	
			<i>For 1" Mesh Fabric, Add</i>	460.22	
			<i>For 1-1/4" Mesh Fabric, Add</i>	296.23	
			<i>For 1-3/4" Mesh Fabric, Add</i>	184.09	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-92.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	116.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	169.28	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0412	EA 26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,523.56 -214.90 498.57 320.92 199.43 -99.71 126.08 183.38	125.72
32 31	13	13-0413	EA 28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,649.47 -231.43 536.92 345.60 214.77 -107.38 135.77 197.49	138.30
32 31	13	13-0414	EA 30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,783.77 -247.96 575.27 370.29 230.11 -115.05 145.47 211.60	153.61
<b>32 31</b>	<b>13</b>	<b>13-0415</b>	<b>5' Fence Height</b> <small>(32 31 13 13-0394)</small>		
32 31	13	13-0416	EA 3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	229.06 -25.61 59.40 38.24 23.76 -11.88 15.02 21.85	30.75
32 31	13	13-0417	EA 4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	274.58 -34.14 79.20 50.98 31.68 -15.84 20.03 29.13	30.75
32 31	13	13-0418	EA 5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	314.51 -40.54 94.06 60.54 37.62 -18.81 23.79 34.60	32.72
32 31	13	13-0419	EA 6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	368.30 -46.94 108.91 70.10 43.56 -21.78 27.54 40.06	39.31
32 31	13	13-0420	EA 7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	422.10 -53.35 123.76 79.66 49.50 -24.75 31.30 45.52	45.79
32 31	13	13-0421	EA 8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	477.05 -59.75 138.61 89.22 55.44 -27.72 35.05 50.98	52.73
32 31	13	13-0422	EA 9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	530.85 -66.15 153.46 98.78 61.39 -30.69 38.81 56.45	59.32

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0423	EA	10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	584.64	65.79
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-72.55	
			<i>For 1" Mesh Fabric, Add</i>	168.31	
			<i>For 1-1/4" Mesh Fabric, Add</i>	108.34	
			<i>For 1-3/4" Mesh Fabric, Add</i>	67.32	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.66	
			<i>For Gate With Single Barb Wire Arm, Add</i>	42.56	
			<i>For Gate With Double Barb Wire Arm, Add</i>	61.91	
32 31 13	13-0424	EA	10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	744.45	66.03
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-102.42	
			<i>For 1" Mesh Fabric, Add</i>	237.61	
			<i>For 1-1/4" Mesh Fabric, Add</i>	152.95	
			<i>For 1-3/4" Mesh Fabric, Add</i>	95.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-47.52	
			<i>For Gate With Single Barb Wire Arm, Add</i>	60.09	
			<i>For Gate With Double Barb Wire Arm, Add</i>	87.40	
32 31 13	13-0425	EA	12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	868.95	71.11
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-122.90	
			<i>For 1" Mesh Fabric, Add</i>	285.14	
			<i>For 1-1/4" Mesh Fabric, Add</i>	183.54	
			<i>For 1-3/4" Mesh Fabric, Add</i>	114.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-57.03	
			<i>For Gate With Single Barb Wire Arm, Add</i>	72.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	104.88	
32 31 13	13-0426	EA	14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	995.98	77.00
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-143.39	
			<i>For 1" Mesh Fabric, Add</i>	332.66	
			<i>For 1-1/4" Mesh Fabric, Add</i>	214.12	
			<i>For 1-3/4" Mesh Fabric, Add</i>	133.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-66.53	
			<i>For Gate With Single Barb Wire Arm, Add</i>	84.12	
			<i>For Gate With Double Barb Wire Arm, Add</i>	122.36	
32 31 13	13-0427	EA	16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,150.76	92.12
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-163.87	
			<i>For 1" Mesh Fabric, Add</i>	380.18	
			<i>For 1-1/4" Mesh Fabric, Add</i>	244.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	152.07	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-76.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	96.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	139.84	
32 31 13	13-0428	EA	18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,279.78	98.73
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-184.36	
			<i>For 1" Mesh Fabric, Add</i>	427.71	
			<i>For 1-1/4" Mesh Fabric, Add</i>	275.30	
			<i>For 1-3/4" Mesh Fabric, Add</i>	171.08	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-85.54	
			<i>For Gate With Single Barb Wire Arm, Add</i>	108.16	
			<i>For Gate With Double Barb Wire Arm, Add</i>	157.32	
32 31 13	13-0429	EA	20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,411.84	106.39
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-204.84	
			<i>For 1" Mesh Fabric, Add</i>	475.23	
			<i>For 1-1/4" Mesh Fabric, Add</i>	305.89	
			<i>For 1-3/4" Mesh Fabric, Add</i>	190.09	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-95.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	120.17	
			<i>For Gate With Double Barb Wire Arm, Add</i>	174.80	
32 31 13	13-0430	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,547.69	115.21
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-225.32	
			<i>For 1" Mesh Fabric, Add</i>	522.75	
			<i>For 1-1/4" Mesh Fabric, Add</i>	336.48	
			<i>For 1-3/4" Mesh Fabric, Add</i>	209.10	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-104.55	
			<i>For Gate With Single Barb Wire Arm, Add</i>	132.19	
			<i>For Gate With Double Barb Wire Arm, Add</i>	192.28	
32 31 13	13-0431	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,688.39	125.72
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-245.81	
			<i>For 1" Mesh Fabric, Add</i>	570.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	367.07	
			<i>For 1-3/4" Mesh Fabric, Add</i>	228.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-114.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	144.21	
			<i>For Gate With Double Barb Wire Arm, Add</i>	209.76	
32 31 13	13-0432	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,835.39	138.30
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-266.29	
			<i>For 1" Mesh Fabric, Add</i>	617.80	
			<i>For 1-1/4" Mesh Fabric, Add</i>	397.66	
			<i>For 1-3/4" Mesh Fabric, Add</i>	247.12	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-123.56	
			<i>For Gate With Single Barb Wire Arm, Add</i>	156.22	
			<i>For Gate With Double Barb Wire Arm, Add</i>	227.24	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0433	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	1,990.77 -286.78 665.32 428.25 266.13 -133.06 168.24 244.72	153.61
32 31 13	13-0434	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,157.68 -307.26 712.84 458.84 285.14 -142.57 180.26 262.20	172.81
32 31 13	13-0435		<b>6' Fence Height</b> <small>(32 31 13 0394)</small>		
32 31 13	13-0436	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	245.05 -27.36 63.48 40.86 25.39 -12.70 16.05 23.35	32.95
32 31 13	13-0437	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	293.70 -36.49 84.65 54.49 33.86 -16.93 21.40 31.13	32.95
32 31 13	13-0438	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	336.30 -43.33 100.52 64.70 40.21 -20.10 25.42 36.97	35.03
32 31 13	13-0439	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	394.75 -50.17 116.39 74.92 46.56 -23.28 29.43 42.81	42.32
32 31 13	13-0440	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	453.21 -57.01 132.26 85.13 52.90 -26.45 33.45 48.65	49.72
32 31 13	13-0441	EA	8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	510.50 -63.85 148.13 95.35 59.25 -29.63 37.46 54.49	56.66
32 31 13	13-0442	EA	9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	568.96 -70.69 164.00 105.57 65.60 -32.80 41.47 60.32	63.94
32 31 13	13-0443	EA	10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	627.42 -77.53 179.88 115.78 71.95 -35.98 45.49 66.16	71.23

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0444	EA 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	797.23	71.11
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-109.46	
	For 1" Mesh Fabric, Add	253.94	
	For 1-1/4" Mesh Fabric, Add	163.46	
	For 1-3/4" Mesh Fabric, Add	101.58	
	For 2-1/8" Mesh Fabric, Deduct	-50.79	
	For Gate With Single Barb Wire Arm, Add	64.21	
	For Gate With Double Barb Wire Arm, Add	93.40	
32 31 13 13-0445	EA 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	931.78	77.00
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.35	
	For 1" Mesh Fabric, Add	304.73	
	For 1-1/4" Mesh Fabric, Add	196.15	
	For 1-3/4" Mesh Fabric, Add	121.89	
	For 2-1/8" Mesh Fabric, Deduct	-60.95	
	For Gate With Single Barb Wire Arm, Add	77.06	
	For Gate With Double Barb Wire Arm, Add	112.08	
32 31 13 13-0446	EA 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,113.83	98.73
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-153.24	
	For 1" Mesh Fabric, Add	355.52	
	For 1-1/4" Mesh Fabric, Add	228.84	
	For 1-3/4" Mesh Fabric, Add	142.21	
	For 2-1/8" Mesh Fabric, Deduct	-71.10	
	For Gate With Single Barb Wire Arm, Add	89.90	
	For Gate With Double Barb Wire Arm, Add	130.76	
32 31 13 13-0447	EA 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,253.40	106.39
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-175.13	
	For 1" Mesh Fabric, Add	406.31	
	For 1-1/4" Mesh Fabric, Add	261.53	
	For 1-3/4" Mesh Fabric, Add	162.52	
	For 2-1/8" Mesh Fabric, Deduct	-81.26	
	For Gate With Single Barb Wire Arm, Add	102.74	
	For Gate With Double Barb Wire Arm, Add	149.45	
32 31 13 13-0448	EA 18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,396.76	115.21
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-197.02	
	For 1" Mesh Fabric, Add	457.09	
	For 1-1/4" Mesh Fabric, Add	294.22	
	For 1-3/4" Mesh Fabric, Add	182.84	
	For 2-1/8" Mesh Fabric, Deduct	-91.42	
	For Gate With Single Barb Wire Arm, Add	115.59	
	For Gate With Double Barb Wire Arm, Add	168.13	
32 31 13 13-0449	EA 20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,566.54	125.72
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.96	
	For 1" Mesh Fabric, Add	517.27	
	For 1-1/4" Mesh Fabric, Add	332.95	
	For 1-3/4" Mesh Fabric, Add	206.91	
	For 2-1/8" Mesh Fabric, Deduct	-103.45	
	For Gate With Single Barb Wire Arm, Add	130.80	
	For Gate With Double Barb Wire Arm, Add	190.26	
32 31 13 13-0450	EA 22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,703.39	138.30
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-241.54	
	For 1" Mesh Fabric, Add	560.38	
	For 1-1/4" Mesh Fabric, Add	360.70	
	For 1-3/4" Mesh Fabric, Add	224.15	
	For 2-1/8" Mesh Fabric, Deduct	-112.08	
	For Gate With Single Barb Wire Arm, Add	141.70	
	For Gate With Double Barb Wire Arm, Add	206.12	
32 31 13 13-0451	EA 24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,862.36	153.61
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-262.70	
	For 1" Mesh Fabric, Add	609.46	
	For 1-1/4" Mesh Fabric, Add	392.30	
	For 1-3/4" Mesh Fabric, Add	243.78	
	For 2-1/8" Mesh Fabric, Deduct	-121.89	
	For Gate With Single Barb Wire Arm, Add	154.12	
	For Gate With Double Barb Wire Arm, Add	224.17	
32 31 13 13-0452	EA 26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,036.77	172.81
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-284.59	
	For 1" Mesh Fabric, Add	660.25	
	For 1-1/4" Mesh Fabric, Add	424.99	
	For 1-3/4" Mesh Fabric, Add	264.10	
	For 2-1/8" Mesh Fabric, Deduct	-132.05	
	For Gate With Single Barb Wire Arm, Add	166.96	
	For Gate With Double Barb Wire Arm, Add	242.85	
32 31 13 13-0453	EA 28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,227.67	197.47
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-306.48	
	For 1" Mesh Fabric, Add	711.04	
	For 1-1/4" Mesh Fabric, Add	457.68	
	For 1-3/4" Mesh Fabric, Add	284.42	
	For 2-1/8" Mesh Fabric, Deduct	-142.21	
	For Gate With Single Barb Wire Arm, Add	179.80	
	For Gate With Double Barb Wire Arm, Add	261.53	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0454	EA 30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,443.27 -328.37 761.82 490.37 304.73 -152.36 192.65 280.21	230.42
<b>32 31 13 13-0455</b>	<b>7' Fence Height</b> <small>(32 31 13 13-0394)</small>		
32 31 13 13-0456	EA 3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	260.02 -28.74 66.68 42.92 26.67 -13.34 16.86 24.53	35.49
32 31 13 13-0457	EA 4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	311.12 -38.32 88.91 57.23 35.56 -17.78 22.48 32.70	35.49
32 31 13 13-0458	EA 5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	354.88 -45.51 105.58 67.96 42.23 -21.12 26.70 38.84	37.34
32 31 13 13-0459	EA 6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	417.47 -52.70 122.25 78.69 48.90 -24.45 30.91 44.97	45.44
32 31 13 13-0460	EA 7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	478.93 -59.88 138.93 89.42 55.57 -27.79 35.13 51.10	53.19
32 31 13 13-0461	EA 8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	541.54 -67.07 155.60 100.16 62.24 -31.12 39.35 57.23	61.17
32 31 13 13-0462	EA 9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	602.99 -74.25 172.27 110.89 68.91 -34.45 43.56 63.36	68.92
32 31 13 13-0463	EA 10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	665.60 -81.44 188.94 121.62 75.58 -37.79 47.78 69.50	77.00
32 31 13 13-0464	EA 10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm ..... <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	844.43 -114.97 266.73 171.69 106.69 -53.35 67.45 98.11	77.00



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0465	EA 12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,032.35	98.73
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-137.96	
	For 1" Mesh Fabric, Add	320.07	
	For 1-1/4" Mesh Fabric, Add	206.02	
	For 1-3/4" Mesh Fabric, Add	128.03	
	For 2-1/8" Mesh Fabric, Deduct	-64.01	
	For Gate With Single Barb Wire Arm, Add	80.94	
	For Gate With Double Barb Wire Arm, Add	117.73	
32 31 13 13-0466	EA 14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,177.81	106.39
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-160.96	
	For 1" Mesh Fabric, Add	373.43	
	For 1-1/4" Mesh Fabric, Add	240.37	
	For 1-3/4" Mesh Fabric, Add	149.37	
	For 2-1/8" Mesh Fabric, Deduct	-74.69	
	For Gate With Single Barb Wire Arm, Add	94.43	
	For Gate With Double Barb Wire Arm, Add	137.35	
32 31 13 13-0467	EA 16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,327.04	115.21
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-183.95	
	For 1" Mesh Fabric, Add	426.77	
	For 1-1/4" Mesh Fabric, Add	274.70	
	For 1-3/4" Mesh Fabric, Add	170.71	
	For 2-1/8" Mesh Fabric, Deduct	-85.35	
	For Gate With Single Barb Wire Arm, Add	107.92	
	For Gate With Double Barb Wire Arm, Add	156.97	
32 31 13 13-0468	EA 18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,481.14	125.72
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-206.95	
	For 1" Mesh Fabric, Add	480.12	
	For 1-1/4" Mesh Fabric, Add	309.04	
	For 1-3/4" Mesh Fabric, Add	192.05	
	For 2-1/8" Mesh Fabric, Deduct	-96.02	
	For Gate With Single Barb Wire Arm, Add	121.41	
	For Gate With Double Barb Wire Arm, Add	176.60	
32 31 13 13-0469	EA 20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,641.51	138.30
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-229.94	
	For 1" Mesh Fabric, Add	533.46	
	For 1-1/4" Mesh Fabric, Add	343.38	
	For 1-3/4" Mesh Fabric, Add	213.38	
	For 2-1/8" Mesh Fabric, Deduct	-106.69	
	For Gate With Single Barb Wire Arm, Add	134.90	
	For Gate With Double Barb Wire Arm, Add	196.21	
32 31 13 13-0470	EA 22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,810.25	153.61
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-252.93	
	For 1" Mesh Fabric, Add	586.79	
	For 1-1/4" Mesh Fabric, Add	377.71	
	For 1-3/4" Mesh Fabric, Add	234.72	
	For 2-1/8" Mesh Fabric, Deduct	-117.36	
	For Gate With Single Barb Wire Arm, Add	148.38	
	For Gate With Double Barb Wire Arm, Add	215.83	
32 31 13 13-0471	EA 24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,990.56	172.81
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-275.93	
	For 1" Mesh Fabric, Add	640.15	
	For 1-1/4" Mesh Fabric, Add	412.05	
	For 1-3/4" Mesh Fabric, Add	256.06	
	For 2-1/8" Mesh Fabric, Deduct	-128.03	
	For Gate With Single Barb Wire Arm, Add	161.88	
	For Gate With Double Barb Wire Arm, Add	235.46	
32 31 13 13-0472	EA 26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,187.35	197.47
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-298.92	
	For 1" Mesh Fabric, Add	693.50	
	For 1-1/4" Mesh Fabric, Add	446.39	
	For 1-3/4" Mesh Fabric, Add	277.40	
	For 2-1/8" Mesh Fabric, Deduct	-138.70	
	For Gate With Single Barb Wire Arm, Add	175.37	
	For Gate With Double Barb Wire Arm, Add	255.08	
32 31 13 13-0473	EA 28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,408.82	230.42
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-321.91	
	For 1" Mesh Fabric, Add	746.84	
	For 1-1/4" Mesh Fabric, Add	480.72	
	For 1-3/4" Mesh Fabric, Add	298.74	
	For 2-1/8" Mesh Fabric, Deduct	-149.37	
	For Gate With Single Barb Wire Arm, Add	188.86	
	For Gate With Double Barb Wire Arm, Add	274.70	
32 31 13 13-0474	EA 30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,669.86	276.48
	For 1-5/8" Schedule 40 Pipe Frame, Deduct	-344.91	
	For 1" Mesh Fabric, Add	800.19	
	For 1-1/4" Mesh Fabric, Add	515.07	
	For 1-3/4" Mesh Fabric, Add	320.08	
	For 2-1/8" Mesh Fabric, Deduct	-160.04	
	For Gate With Single Barb Wire Arm, Add	202.35	
	For Gate With Double Barb Wire Arm, Add	294.32	

32 31 13 13-0475 8' Fence Height (32 31 13 13-0394)



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0476	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	301.43	38.50
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-34.84	
			<i>For 1" Mesh Fabric, Add</i>	80.82	
			<i>For 1-1/4" Mesh Fabric, Add</i>	52.02	
			<i>For 1-3/4" Mesh Fabric, Add</i>	32.33	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-16.16	
			<i>For Gate With Single Barb Wire Arm, Add</i>	20.44	
			<i>For Gate With Double Barb Wire Arm, Add</i>	29.73	
32 31 13	13-0477	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	363.36	38.50
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-46.45	
			<i>For 1" Mesh Fabric, Add</i>	107.76	
			<i>For 1-1/4" Mesh Fabric, Add</i>	69.36	
			<i>For 1-3/4" Mesh Fabric, Add</i>	43.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-21.55	
			<i>For Gate With Single Barb Wire Arm, Add</i>	27.25	
			<i>For Gate With Double Barb Wire Arm, Add</i>	39.64	
32 31 13	13-0478	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	404.65	38.50
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-54.19	
			<i>For 1" Mesh Fabric, Add</i>	125.72	
			<i>For 1-1/4" Mesh Fabric, Add</i>	80.93	
			<i>For 1-3/4" Mesh Fabric, Add</i>	50.29	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-25.14	
			<i>For Gate With Single Barb Wire Arm, Add</i>	31.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	46.24	
32 31 13	13-0479	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	475.99	48.56
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-61.93	
			<i>For 1" Mesh Fabric, Add</i>	143.68	
			<i>For 1-1/4" Mesh Fabric, Add</i>	92.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	57.47	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-28.74	
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	52.85	
32 31 13	13-0480	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	547.34	58.51
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-69.68	
			<i>For 1" Mesh Fabric, Add</i>	161.65	
			<i>For 1-1/4" Mesh Fabric, Add</i>	104.05	
			<i>For 1-3/4" Mesh Fabric, Add</i>	64.66	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-32.33	
			<i>For Gate With Single Barb Wire Arm, Add</i>	40.88	
			<i>For Gate With Double Barb Wire Arm, Add</i>	59.46	
32 31 13	13-0481	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	617.55	68.11
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-77.42	
			<i>For 1" Mesh Fabric, Add</i>	179.61	
			<i>For 1-1/4" Mesh Fabric, Add</i>	115.61	
			<i>For 1-3/4" Mesh Fabric, Add</i>	71.84	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-35.92	
			<i>For Gate With Single Barb Wire Arm, Add</i>	45.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	66.06	
32 31 13	13-0482	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	688.90	78.16
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-85.16	
			<i>For 1" Mesh Fabric, Add</i>	197.57	
			<i>For 1-1/4" Mesh Fabric, Add</i>	127.17	
			<i>For 1-3/4" Mesh Fabric, Add</i>	79.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-39.51	
			<i>For Gate With Single Barb Wire Arm, Add</i>	49.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	72.67	
32 31 13	13-0483	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	760.24	88.22
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-92.90	
			<i>For 1" Mesh Fabric, Add</i>	215.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	138.73	
			<i>For 1-3/4" Mesh Fabric, Add</i>	86.21	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-43.11	
			<i>For Gate With Single Barb Wire Arm, Add</i>	54.50	
			<i>For Gate With Double Barb Wire Arm, Add</i>	79.28	
32 31 13	13-0484	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,039.74	98.73
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-139.35	
			<i>For 1" Mesh Fabric, Add</i>	323.29	
			<i>For 1-1/4" Mesh Fabric, Add</i>	208.09	
			<i>For 1-3/4" Mesh Fabric, Add</i>	129.32	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.66	
			<i>For Gate With Single Barb Wire Arm, Add</i>	81.75	
			<i>For Gate With Double Barb Wire Arm, Add</i>	118.91	
32 31 13	13-0485	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,211.19	106.39
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-167.22	
			<i>For 1" Mesh Fabric, Add</i>	387.95	
			<i>For 1-1/4" Mesh Fabric, Add</i>	249.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	155.18	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-77.59	
			<i>For Gate With Single Barb Wire Arm, Add</i>	98.10	
			<i>For Gate With Double Barb Wire Arm, Add</i>	142.69	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 31 13 13-0486	EA	14'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,386.44	115.21
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-195.09	
			<i>For 1" Mesh Fabric, Add</i>	452.60	
			<i>For 1-1/4" Mesh Fabric, Add</i>	291.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	181.04	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-90.52	
			<i>For Gate With Single Barb Wire Arm, Add</i>	114.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	166.48	
32 31 13 13-0487	EA	16'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,566.53	125.72
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-222.96	
			<i>For 1" Mesh Fabric, Add</i>	517.26	
			<i>For 1-1/4" Mesh Fabric, Add</i>	332.95	
			<i>For 1-3/4" Mesh Fabric, Add</i>	206.91	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-103.45	
			<i>For Gate With Single Barb Wire Arm, Add</i>	130.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	190.26	
32 31 13 13-0488	EA	18'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,752.92	138.30
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-250.83	
			<i>For 1" Mesh Fabric, Add</i>	581.92	
			<i>For 1-1/4" Mesh Fabric, Add</i>	374.57	
			<i>For 1-3/4" Mesh Fabric, Add</i>	232.77	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-116.38	
			<i>For Gate With Single Barb Wire Arm, Add</i>	147.15	
			<i>For Gate With Double Barb Wire Arm, Add</i>	214.04	
32 31 13 13-0489	EA	20'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,947.69	153.61
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-278.70	
			<i>For 1" Mesh Fabric, Add</i>	646.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	416.19	
			<i>For 1-3/4" Mesh Fabric, Add</i>	258.63	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-129.32	
			<i>For Gate With Single Barb Wire Arm, Add</i>	163.50	
			<i>For Gate With Double Barb Wire Arm, Add</i>	237.82	
32 31 13 13-0490	EA	22'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,153.98	172.81
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-306.57	
			<i>For 1" Mesh Fabric, Add</i>	711.23	
			<i>For 1-1/4" Mesh Fabric, Add</i>	457.81	
			<i>For 1-3/4" Mesh Fabric, Add</i>	284.49	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-142.25	
			<i>For Gate With Single Barb Wire Arm, Add</i>	179.85	
			<i>For Gate With Double Barb Wire Arm, Add</i>	261.60	
32 31 13 13-0491	EA	24'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,376.76	197.47
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-334.44	
			<i>For 1" Mesh Fabric, Add</i>	775.89	
			<i>For 1-1/4" Mesh Fabric, Add</i>	499.42	
			<i>For 1-3/4" Mesh Fabric, Add</i>	310.36	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-155.18	
			<i>For Gate With Single Barb Wire Arm, Add</i>	196.20	
			<i>For Gate With Double Barb Wire Arm, Add</i>	285.39	
32 31 13 13-0492	EA	26'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,624.25	230.42
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-362.31	
			<i>For 1" Mesh Fabric, Add</i>	840.55	
			<i>For 1-1/4" Mesh Fabric, Add</i>	541.04	
			<i>For 1-3/4" Mesh Fabric, Add</i>	336.22	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-168.11	
			<i>For Gate With Single Barb Wire Arm, Add</i>	212.55	
			<i>For Gate With Double Barb Wire Arm, Add</i>	309.17	
32 31 13 13-0493	EA	28'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,911.28	276.48
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-390.18	
			<i>For 1" Mesh Fabric, Add</i>	905.21	
			<i>For 1-1/4" Mesh Fabric, Add</i>	582.66	
			<i>For 1-3/4" Mesh Fabric, Add</i>	362.08	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-181.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	228.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	332.95	
32 31 13 13-0494	EA	30'	Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm	3,267.50	345.63
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-418.05	
			<i>For 1" Mesh Fabric, Add</i>	969.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	624.28	
			<i>For 1-3/4" Mesh Fabric, Add</i>	387.95	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-193.97	
			<i>For Gate With Single Barb Wire Arm, Add</i>	245.25	
			<i>For Gate With Double Barb Wire Arm, Add</i>	356.73	
32 31 13 13-0495			<b>10' Fence Height</b> (32 31 13 13-0394)		
32 31 13 13-0496	EA	3'	Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm	344.00	42.78
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-40.41	
			<i>For 1" Mesh Fabric, Add</i>	93.76	
			<i>For 1-1/4" Mesh Fabric, Add</i>	60.35	
			<i>For 1-3/4" Mesh Fabric, Add</i>	37.50	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.75	
			<i>For Gate With Single Barb Wire Arm, Add</i>	23.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	34.48	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0497	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	415.85	42.78
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-53.88	
			<i>For 1" Mesh Fabric, Add</i>	125.01	
			<i>For 1-1/4" Mesh Fabric, Add</i>	80.47	
			<i>For 1-3/4" Mesh Fabric, Add</i>	50.00	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-25.00	
			<i>For Gate With Single Barb Wire Arm, Add</i>	31.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	45.98	
32 31 13	13-0498	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm.....	469.40	44.63
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-62.87	
			<i>For 1" Mesh Fabric, Add</i>	145.85	
			<i>For 1-1/4" Mesh Fabric, Add</i>	93.88	
			<i>For 1-3/4" Mesh Fabric, Add</i>	58.34	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-29.17	
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.88	
			<i>For Gate With Double Barb Wire Arm, Add</i>	53.64	
32 31 13	13-0499	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	549.68	55.50
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-71.85	
			<i>For 1" Mesh Fabric, Add</i>	166.68	
			<i>For 1-1/4" Mesh Fabric, Add</i>	107.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	66.67	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.34	
			<i>For Gate With Single Barb Wire Arm, Add</i>	42.15	
			<i>For Gate With Double Barb Wire Arm, Add</i>	61.31	
32 31 13	13-0500	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	628.79	65.79
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-80.83	
			<i>For 1" Mesh Fabric, Add</i>	187.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	120.70	
			<i>For 1-3/4" Mesh Fabric, Add</i>	75.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-37.50	
			<i>For Gate With Single Barb Wire Arm, Add</i>	47.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	68.97	
32 31 13	13-0501	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	709.06	76.66
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-89.81	
			<i>For 1" Mesh Fabric, Add</i>	208.36	
			<i>For 1-1/4" Mesh Fabric, Add</i>	134.11	
			<i>For 1-3/4" Mesh Fabric, Add</i>	83.34	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-41.67	
			<i>For Gate With Single Barb Wire Arm, Add</i>	52.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	76.64	
32 31 13	13-0502	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	788.17	87.06
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-98.79	
			<i>For 1" Mesh Fabric, Add</i>	229.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	147.53	
			<i>For 1-3/4" Mesh Fabric, Add</i>	91.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-45.84	
			<i>For Gate With Single Barb Wire Arm, Add</i>	57.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	84.30	
32 31 13	13-0503	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	868.46	97.82
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-107.77	
			<i>For 1" Mesh Fabric, Add</i>	250.02	
			<i>For 1-1/4" Mesh Fabric, Add</i>	160.94	
			<i>For 1-3/4" Mesh Fabric, Add</i>	100.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-50.00	
			<i>For Gate With Single Barb Wire Arm, Add</i>	63.22	
			<i>For Gate With Double Barb Wire Arm, Add</i>	91.96	
32 31 13	13-0504	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,191.64	109.76
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-161.65	
			<i>For 1" Mesh Fabric, Add</i>	375.03	
			<i>For 1-1/4" Mesh Fabric, Add</i>	241.40	
			<i>For 1-3/4" Mesh Fabric, Add</i>	150.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-75.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	94.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	137.94	
32 31 13	13-0505	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,389.29	118.06
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-193.98	
			<i>For 1" Mesh Fabric, Add</i>	450.04	
			<i>For 1-1/4" Mesh Fabric, Add</i>	289.68	
			<i>For 1-3/4" Mesh Fabric, Add</i>	180.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-90.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	113.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	165.53	
32 31 13	13-0506	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,591.42	128.05
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-226.31	
			<i>For 1" Mesh Fabric, Add</i>	525.05	
			<i>For 1-1/4" Mesh Fabric, Add</i>	337.96	
			<i>For 1-3/4" Mesh Fabric, Add</i>	210.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-105.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	132.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	193.12	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0507	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	1,798.61	139.60
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-258.64	
			<i>For 1" Mesh Fabric, Add</i>	600.05	
			<i>For 1-1/4" Mesh Fabric, Add</i>	386.24	
			<i>For 1-3/4" Mesh Fabric, Add</i>	240.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-120.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	151.74	
			<i>For Gate With Double Barb Wire Arm, Add</i>	220.71	
32 31 13	13-0508	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,013.15	153.61
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-290.97	
			<i>For 1" Mesh Fabric, Add</i>	675.05	
			<i>For 1-1/4" Mesh Fabric, Add</i>	434.52	
			<i>For 1-3/4" Mesh Fabric, Add</i>	270.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-135.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	170.70	
			<i>For Gate With Double Barb Wire Arm, Add</i>	248.30	
32 31 13	13-0509	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,236.58	170.61
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-323.30	
			<i>For 1" Mesh Fabric, Add</i>	750.06	
			<i>For 1-1/4" Mesh Fabric, Add</i>	482.80	
			<i>For 1-3/4" Mesh Fabric, Add</i>	300.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-150.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	189.67	
			<i>For Gate With Double Barb Wire Arm, Add</i>	275.88	
32 31 13	13-0510	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,473.34	192.02
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-355.63	
			<i>For 1" Mesh Fabric, Add</i>	825.07	
			<i>For 1-1/4" Mesh Fabric, Add</i>	531.08	
			<i>For 1-3/4" Mesh Fabric, Add</i>	330.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-165.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	208.64	
			<i>For Gate With Double Barb Wire Arm, Add</i>	303.47	
32 31 13	13-0511	EA	24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,727.72	219.26
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-387.96	
			<i>For 1" Mesh Fabric, Add</i>	900.08	
			<i>For 1-1/4" Mesh Fabric, Add</i>	579.36	
			<i>For 1-3/4" Mesh Fabric, Add</i>	360.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-180.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	227.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	331.06	
32 31 13	13-0512	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,010.39	255.98
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-420.29	
			<i>For 1" Mesh Fabric, Add</i>	975.08	
			<i>For 1-1/4" Mesh Fabric, Add</i>	627.64	
			<i>For 1-3/4" Mesh Fabric, Add</i>	390.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-195.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	246.57	
			<i>For Gate With Double Barb Wire Arm, Add</i>	358.65	
32 31 13	13-0513	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,335.77	306.97
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-452.62	
			<i>For 1" Mesh Fabric, Add</i>	1,050.09	
			<i>For 1-1/4" Mesh Fabric, Add</i>	675.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	420.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-210.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	265.54	
			<i>For Gate With Double Barb Wire Arm, Add</i>	386.24	
32 31 13	13-0514	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,739.67	384.03
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-484.95	
			<i>For 1" Mesh Fabric, Add</i>	1,125.09	
			<i>For 1-1/4" Mesh Fabric, Add</i>	724.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	450.04	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-225.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	284.51	
			<i>For Gate With Double Barb Wire Arm, Add</i>	413.83	
32 31 13	13-0515		<b>12' Fence Height</b> <small>(32 31 13 13-0394)</small>		
32 31 13	13-0516	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	443.33	47.52
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-56.36	
			<i>For 1" Mesh Fabric, Add</i>	130.75	
			<i>For 1-1/4" Mesh Fabric, Add</i>	84.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	52.30	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-26.15	
			<i>For Gate With Single Barb Wire Arm, Add</i>	33.06	
			<i>For Gate With Double Barb Wire Arm, Add</i>	48.09	
32 31 13	13-0517	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm .....	543.25	47.52
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-75.09	
			<i>For 1" Mesh Fabric, Add</i>	174.22	
			<i>For 1-1/4" Mesh Fabric, Add</i>	112.14	
			<i>For 1-3/4" Mesh Fabric, Add</i>	69.69	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-34.84	
			<i>For Gate With Single Barb Wire Arm, Add</i>	44.06	
			<i>For Gate With Double Barb Wire Arm, Add</i>	64.08	





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0518	EA	5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	622.82	49.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-89.03	
			For 1" Mesh Fabric, Add	206.55	
			For 1-1/4" Mesh Fabric, Add	132.95	
			For 1-3/4" Mesh Fabric, Add	82.62	
			For 2-1/8" Mesh Fabric, Deduct	-41.31	
			For Gate With Single Barb Wire Arm, Add	52.23	
			For Gate With Double Barb Wire Arm, Add	75.97	
32 31 13	13-0519	EA	6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	720.60	61.17
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-100.64	
			For 1" Mesh Fabric, Add	233.49	
			For 1-1/4" Mesh Fabric, Add	150.29	
			For 1-3/4" Mesh Fabric, Add	93.40	
			For 2-1/8" Mesh Fabric, Deduct	-46.70	
			For Gate With Single Barb Wire Arm, Add	59.04	
			For Gate With Double Barb Wire Arm, Add	85.88	
32 31 13	13-0520	EA	7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	825.27	73.19
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-113.54	
			For 1" Mesh Fabric, Add	263.42	
			For 1-1/4" Mesh Fabric, Add	169.56	
			For 1-3/4" Mesh Fabric, Add	105.37	
			For 2-1/8" Mesh Fabric, Deduct	-52.68	
			For Gate With Single Barb Wire Arm, Add	66.61	
			For Gate With Double Barb Wire Arm, Add	96.89	
32 31 13	13-0521	EA	8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	928.77	84.75
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-126.45	
			For 1" Mesh Fabric, Add	293.36	
			For 1-1/4" Mesh Fabric, Add	188.83	
			For 1-3/4" Mesh Fabric, Add	117.34	
			For 2-1/8" Mesh Fabric, Deduct	-58.67	
			For Gate With Single Barb Wire Arm, Add	74.18	
			For Gate With Double Barb Wire Arm, Add	107.90	
32 31 13	13-0522	EA	9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,033.42	96.66
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-139.35	
			For 1" Mesh Fabric, Add	323.29	
			For 1-1/4" Mesh Fabric, Add	208.10	
			For 1-3/4" Mesh Fabric, Add	129.32	
			For 2-1/8" Mesh Fabric, Deduct	-64.66	
			For Gate With Single Barb Wire Arm, Add	81.75	
			For Gate With Double Barb Wire Arm, Add	118.91	
32 31 13	13-0523	EA	10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,131.21	108.57
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-150.96	
			For 1" Mesh Fabric, Add	350.24	
			For 1-1/4" Mesh Fabric, Add	225.44	
			For 1-3/4" Mesh Fabric, Add	140.09	
			For 2-1/8" Mesh Fabric, Deduct	-70.05	
			For Gate With Single Barb Wire Arm, Add	88.57	
			For Gate With Double Barb Wire Arm, Add	128.82	
32 31 13	13-0524	EA	10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,573.27	121.96
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-226.37	
			For 1" Mesh Fabric, Add	525.17	
			For 1-1/4" Mesh Fabric, Add	338.04	
			For 1-3/4" Mesh Fabric, Add	210.07	
			For 2-1/8" Mesh Fabric, Deduct	-105.03	
			For Gate With Single Barb Wire Arm, Add	132.80	
			For Gate With Double Barb Wire Arm, Add	193.17	
32 31 13	13-0525	EA	12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,882.11	131.30
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-279.01	
			For 1" Mesh Fabric, Add	647.31	
			For 1-1/4" Mesh Fabric, Add	416.66	
			For 1-3/4" Mesh Fabric, Add	258.92	
			For 2-1/8" Mesh Fabric, Deduct	-129.46	
			For Gate With Single Barb Wire Arm, Add	163.69	
			For Gate With Double Barb Wire Arm, Add	238.09	
32 31 13	13-0526	EA	14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,164.57	142.20
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-325.77	
			For 1" Mesh Fabric, Add	755.79	
			For 1-1/4" Mesh Fabric, Add	486.48	
			For 1-3/4" Mesh Fabric, Add	302.31	
			For 2-1/8" Mesh Fabric, Deduct	-151.16	
			For Gate With Single Barb Wire Arm, Add	191.12	
			For Gate With Double Barb Wire Arm, Add	277.99	
32 31 13	13-0527	EA	16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,451.03	155.04
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-372.22	
			For 1" Mesh Fabric, Add	863.55	
			For 1-1/4" Mesh Fabric, Add	555.85	
			For 1-3/4" Mesh Fabric, Add	345.42	
			For 2-1/8" Mesh Fabric, Deduct	-172.71	
			For Gate With Single Barb Wire Arm, Add	218.37	
			For Gate With Double Barb Wire Arm, Add	317.63	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0528	EA	18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	2,742.16	170.74
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-418.05	
			<i>For 1" Mesh Fabric, Add</i>	969.88	
			<i>For 1-1/4" Mesh Fabric, Add</i>	624.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	387.95	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-193.98	
			<i>For Gate With Single Barb Wire Arm, Add</i>	245.26	
			<i>For Gate With Double Barb Wire Arm, Add</i>	356.74	
32 31 13	13-0529	EA	20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,046.38	189.55
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-464.50	
			<i>For 1" Mesh Fabric, Add</i>	1,077.64	
			<i>For 1-1/4" Mesh Fabric, Add</i>	693.66	
			<i>For 1-3/4" Mesh Fabric, Add</i>	431.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-215.53	
			<i>For Gate With Single Barb Wire Arm, Add</i>	272.51	
			<i>For Gate With Double Barb Wire Arm, Add</i>	396.37	
32 31 13	13-0530	EA	22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,365.77	213.30
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-510.95	
			<i>For 1" Mesh Fabric, Add</i>	1,185.41	
			<i>For 1-1/4" Mesh Fabric, Add</i>	763.02	
			<i>For 1-3/4" Mesh Fabric, Add</i>	474.16	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-237.08	
			<i>For Gate With Single Barb Wire Arm, Add</i>	299.76	
			<i>For Gate With Double Barb Wire Arm, Add</i>	436.01	
32 31 13	13-0531	EA	24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	3,704.56	243.65
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-557.40	
			<i>For 1" Mesh Fabric, Add</i>	1,293.17	
			<i>For 1-1/4" Mesh Fabric, Add</i>	832.39	
			<i>For 1-3/4" Mesh Fabric, Add</i>	517.27	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-258.63	
			<i>For Gate With Single Barb Wire Arm, Add</i>	327.01	
			<i>For Gate With Double Barb Wire Arm, Add</i>	475.65	
32 31 13	13-0532	EA	26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	4,083.06	284.52
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-605.40	
			<i>For 1" Mesh Fabric, Add</i>	1,404.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	904.06	
			<i>For 1-3/4" Mesh Fabric, Add</i>	561.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-280.91	
			<i>For Gate With Single Barb Wire Arm, Add</i>	355.17	
			<i>For Gate With Double Barb Wire Arm, Add</i>	516.61	
32 31 13	13-0533	EA	28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	4,500.73	341.09
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-651.85	
			<i>For 1" Mesh Fabric, Add</i>	1,512.29	
			<i>For 1-1/4" Mesh Fabric, Add</i>	973.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	604.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-302.46	
			<i>For Gate With Single Barb Wire Arm, Add</i>	382.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	556.24	
32 31 13	13-0534	EA	30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm .....	5,005.66	426.72
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-698.30	
			<i>For 1" Mesh Fabric, Add</i>	1,620.06	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,042.80	
			<i>For 1-3/4" Mesh Fabric, Add</i>	648.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-324.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	409.67	
			<i>For Gate With Double Barb Wire Arm, Add</i>	595.88	
32 31 13	13-0535		<b>Chain Link Galvanized Steel Sliding Gate</b> <small>(32 31 13 13-0252)</small>		
			Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0621 for additional gate accessories, 32 31 13 13-0680 for gate replacement parts.		
32 31 13	13-0536		<b>4' High Chain Link Galvanized Steel Sliding Gate</b> <small>(32 31 13 13-0535)</small>		
32 31 13	13-0537	EA	10' Long x 4' High Chain Link Galvanized Steel Sliding Gate .....	3,128.77	421.14
			<i>For 1" Mesh Fabric, Add</i>	994.60	
			<i>For 1-1/4" Mesh Fabric, Add</i>	640.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	397.84	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-198.92	
			<i>For Gate With Barb Wire Arm, Add</i>	251.51	
			<i>For Vinyl Coated, Add</i>	685.93	
32 31 13	13-0538	EA	12' Long x 4' High Chain Link Galvanized Steel Sliding Gate .....	3,760.50	508.45
			<i>For 1" Mesh Fabric, Add</i>	1,193.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	768.24	
			<i>For 1-3/4" Mesh Fabric, Add</i>	477.41	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-238.70	
			<i>For Gate With Barb Wire Arm, Add</i>	301.81	
			<i>For Vinyl Coated, Add</i>	823.12	
32 31 13	13-0539	EA	14' Long x 4' High Chain Link Galvanized Steel Sliding Gate .....	4,387.49	593.18
			<i>For 1" Mesh Fabric, Add</i>	1,392.44	
			<i>For 1-1/4" Mesh Fabric, Add</i>	896.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	556.98	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-278.49	
			<i>For Gate With Barb Wire Arm, Add</i>	352.11	
			<i>For Vinyl Coated, Add</i>	960.31	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0540	EA	16' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,021.85	681.79
			<i>For 1" Mesh Fabric, Add</i>	1,591.36	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,024.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	636.55	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-318.27	
			<i>For Gate With Barb Wire Arm, Add</i>	402.41	
			<i>For Vinyl Coated, Add</i>	1,097.49	
32 31 13	13-0541	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,649.63	767.03
			<i>For 1" Mesh Fabric, Add</i>	1,790.29	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,152.37	
			<i>For 1-3/4" Mesh Fabric, Add</i>	716.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-358.06	
			<i>For Gate With Barb Wire Arm, Add</i>	452.72	
			<i>For Vinyl Coated, Add</i>	1,234.68	
32 31 13	13-0542	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,261.67	844.35
			<i>For 1" Mesh Fabric, Add</i>	1,989.21	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,280.41	
			<i>For 1-3/4" Mesh Fabric, Add</i>	795.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-397.84	
			<i>For Gate With Barb Wire Arm, Add</i>	503.02	
			<i>For Vinyl Coated, Add</i>	1,371.87	
32 31 13	13-0543	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,480.75	1,016.78
			<i>For 1" Mesh Fabric, Add</i>	2,369.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,525.22	
			<i>For 1-3/4" Mesh Fabric, Add</i>	947.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-473.91	
			<i>For Gate With Barb Wire Arm, Add</i>	599.19	
			<i>For Vinyl Coated, Add</i>	1,634.16	
32 31 13	13-0544	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	10,697.80	1,919.25
			<i>For 1" Mesh Fabric, Add</i>	2,983.81	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,920.61	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,193.52	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-596.76	
			<i>For Gate With Barb Wire Arm, Add</i>	754.53	
			<i>For Vinyl Coated, Add</i>	2,057.80	
32 31 13	13-0545	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	14,263.74	2,559.00
			<i>For 1" Mesh Fabric, Add</i>	3,978.41	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,560.82	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,591.36	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-795.68	
			<i>For Gate With Barb Wire Arm, Add</i>	1,006.03	
			<i>For Vinyl Coated, Add</i>	2,743.73	
32 31 13	13-0546	EA	5' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0535)		
32 31 13	13-0547	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,270.38	458.37
			<i>For 1" Mesh Fabric, Add</i>	1,023.83	
			<i>For 1-1/4" Mesh Fabric, Add</i>	659.02	
			<i>For 1-3/4" Mesh Fabric, Add</i>	409.53	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-204.77	
			<i>For Gate With Barb Wire Arm, Add</i>	258.90	
			<i>For Vinyl Coated, Add</i>	706.09	
32 31 13	13-0548	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,923.17	549.45
			<i>For 1" Mesh Fabric, Add</i>	1,228.60	
			<i>For 1-1/4" Mesh Fabric, Add</i>	790.82	
			<i>For 1-3/4" Mesh Fabric, Add</i>	491.44	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-245.72	
			<i>For Gate With Barb Wire Arm, Add</i>	310.68	
			<i>For Vinyl Coated, Add</i>	847.31	
32 31 13	13-0549	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,576.80	640.92
			<i>For 1" Mesh Fabric, Add</i>	1,433.37	
			<i>For 1-1/4" Mesh Fabric, Add</i>	922.63	
			<i>For 1-3/4" Mesh Fabric, Add</i>	573.35	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-286.67	
			<i>For Gate With Barb Wire Arm, Add</i>	362.46	
			<i>For Vinyl Coated, Add</i>	988.53	
32 31 13	13-0550	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,231.00	732.65
			<i>For 1" Mesh Fabric, Add</i>	1,638.14	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,054.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	655.25	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-327.63	
			<i>For Gate With Barb Wire Arm, Add</i>	414.24	
			<i>For Vinyl Coated, Add</i>	1,129.75	
32 31 13	13-0551	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,884.57	823.98
			<i>For 1" Mesh Fabric, Add</i>	1,842.90	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,186.23	
			<i>For 1-3/4" Mesh Fabric, Add</i>	737.16	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-368.58	
			<i>For Gate With Barb Wire Arm, Add</i>	466.02	
			<i>For Vinyl Coated, Add</i>	1,270.97	
32 31 13	13-0552	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,538.48	915.58
			<i>For 1" Mesh Fabric, Add</i>	2,047.67	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,318.04	
			<i>For 1-3/4" Mesh Fabric, Add</i>	819.07	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-409.53	
			<i>For Gate With Barb Wire Arm, Add</i>	517.80	
			<i>For Vinyl Coated, Add</i>	1,412.18	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0553	EA 24' Long x 5' High Chain Link Galvanized Steel Sliding Gate .....	7,807.23	1,099.93
	For 1" Mesh Fabric, Add	2,439.18	
	For 1-1/4" Mesh Fabric, Add	1,570.04	
	For 1-3/4" Mesh Fabric, Add	975.67	
	For 2-1/8" Mesh Fabric, Deduct	-487.84	
	For Gate With Barb Wire Arm, Add	616.80	
	For Vinyl Coated, Add	1,682.19	
32 31 13 13-0554	EA 30' Long x 5' High Chain Link Galvanized Steel Sliding Gate .....	9,808.20	1,373.69
	For 1" Mesh Fabric, Add	3,071.50	
	For 1-1/4" Mesh Fabric, Add	1,977.06	
	For 1-3/4" Mesh Fabric, Add	1,228.60	
	For 2-1/8" Mesh Fabric, Deduct	-614.30	
	For Gate With Barb Wire Arm, Add	776.70	
	For Vinyl Coated, Add	2,118.28	
32 31 13 13-0555	EA 40' Long x 5' High Chain Link Galvanized Steel Sliding Gate .....	13,076.95	1,831.16
	For 1" Mesh Fabric, Add	4,095.33	
	For 1-1/4" Mesh Fabric, Add	2,636.08	
	For 1-3/4" Mesh Fabric, Add	1,638.13	
	For 2-1/8" Mesh Fabric, Deduct	-819.07	
	For Gate With Barb Wire Arm, Add	1,035.60	
	For Vinyl Coated, Add	2,824.37	
<b>32 31 13 13-0556</b>	<b>6' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0535)</b>		
32 31 13 13-0557	EA 10' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	3,475.35	537.38
	For 1" Mesh Fabric, Add	1,044.30	
	For 1-1/4" Mesh Fabric, Add	672.19	
	For 1-3/4" Mesh Fabric, Add	417.72	
	For 2-1/8" Mesh Fabric, Deduct	-208.86	
	For Gate With Barb Wire Arm, Add	264.07	
	For Vinyl Coated, Add	720.20	
32 31 13 13-0558	EA 12' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	4,166.66	642.86
	For 1" Mesh Fabric, Add	1,253.16	
	For 1-1/4" Mesh Fabric, Add	806.63	
	For 1-3/4" Mesh Fabric, Add	501.26	
	For 2-1/8" Mesh Fabric, Deduct	-250.63	
	For Gate With Barb Wire Arm, Add	316.89	
	For Vinyl Coated, Add	864.25	
32 31 13 13-0559	EA 14' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	4,860.84	749.90
	For 1" Mesh Fabric, Add	1,462.01	
	For 1-1/4" Mesh Fabric, Add	941.07	
	For 1-3/4" Mesh Fabric, Add	584.81	
	For 2-1/8" Mesh Fabric, Deduct	-292.40	
	For Gate With Barb Wire Arm, Add	369.70	
	For Vinyl Coated, Add	1,008.29	
32 31 13 13-0560	EA 16' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	5,555.53	857.20
	For 1" Mesh Fabric, Add	1,670.87	
	For 1-1/4" Mesh Fabric, Add	1,075.51	
	For 1-3/4" Mesh Fabric, Add	668.35	
	For 2-1/8" Mesh Fabric, Deduct	-334.17	
	For Gate With Barb Wire Arm, Add	422.52	
	For Vinyl Coated, Add	1,152.33	
32 31 13 13-0561	EA 18' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	6,249.73	964.23
	For 1" Mesh Fabric, Add	1,879.73	
	For 1-1/4" Mesh Fabric, Add	1,209.94	
	For 1-3/4" Mesh Fabric, Add	751.89	
	For 2-1/8" Mesh Fabric, Deduct	-375.95	
	For Gate With Barb Wire Arm, Add	475.33	
	For Vinyl Coated, Add	1,296.37	
32 31 13 13-0562	EA 20' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	6,951.16	1,074.90
	For 1" Mesh Fabric, Add	2,088.59	
	For 1-1/4" Mesh Fabric, Add	1,344.38	
	For 1-3/4" Mesh Fabric, Add	835.44	
	For 2-1/8" Mesh Fabric, Deduct	-417.72	
	For Gate With Barb Wire Arm, Add	528.15	
	For Vinyl Coated, Add	1,440.41	
32 31 13 13-0563	EA 24' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	8,291.03	1,285.86
	For 1" Mesh Fabric, Add	2,487.93	
	For 1-1/4" Mesh Fabric, Add	1,601.42	
	For 1-3/4" Mesh Fabric, Add	995.17	
	For 2-1/8" Mesh Fabric, Deduct	-497.59	
	For Gate With Barb Wire Arm, Add	629.13	
	For Vinyl Coated, Add	1,715.81	
32 31 13 13-0564	EA 30' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	10,417.41	1,607.74
	For 1" Mesh Fabric, Add	3,132.89	
	For 1-1/4" Mesh Fabric, Add	2,016.57	
	For 1-3/4" Mesh Fabric, Add	1,253.15	
	For 2-1/8" Mesh Fabric, Deduct	-626.58	
	For Gate With Barb Wire Arm, Add	792.22	
	For Vinyl Coated, Add	2,160.61	
32 31 13 13-0565	EA 40' Long x 6' High Chain Link Galvanized Steel Sliding Gate .....	13,888.12	2,142.67
	For 1" Mesh Fabric, Add	4,177.18	
	For 1-1/4" Mesh Fabric, Add	2,688.76	
	For 1-3/4" Mesh Fabric, Add	1,670.87	
	For 2-1/8" Mesh Fabric, Deduct	-835.44	
	For Gate With Barb Wire Arm, Add	1,056.30	
	For Vinyl Coated, Add	2,880.82	



<b>Exterior Improvements</b>			<b>32</b>
Site Improvements			32 30
Fences and Gates			32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 13 13-0566</b> 7' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0535)</small>		
32 31 13 13-0567 EA 10' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	3,693.56	599.40
For 1" Mesh Fabric, Add	1,085.22	
For 1-1/4" Mesh Fabric, Add	698.53	
For 1-3/4" Mesh Fabric, Add	434.09	
For 2-1/8" Mesh Fabric, Deduct	-217.04	
For Gate With Barb Wire Arm, Add	274.42	
For Vinyl Coated, Add	748.43	
32 31 13 13-0568 EA 12' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	4,431.36	718.76
For 1" Mesh Fabric, Add	1,302.30	
For 1-1/4" Mesh Fabric, Add	838.26	
For 1-3/4" Mesh Fabric, Add	520.92	
For 2-1/8" Mesh Fabric, Deduct	-260.46	
For Gate With Barb Wire Arm, Add	329.32	
For Vinyl Coated, Add	898.14	
32 31 13 13-0569 EA 14' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	5,171.05	839.16
For 1" Mesh Fabric, Add	1,519.30	
For 1-1/4" Mesh Fabric, Add	977.94	
For 1-3/4" Mesh Fabric, Add	607.72	
For 2-1/8" Mesh Fabric, Deduct	-303.86	
For Gate With Barb Wire Arm, Add	384.19	
For Vinyl Coated, Add	1,047.80	
32 31 13 13-0570 EA 16' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	5,908.73	958.52
For 1" Mesh Fabric, Add	1,736.35	
For 1-1/4" Mesh Fabric, Add	1,117.65	
For 1-3/4" Mesh Fabric, Add	694.54	
For 2-1/8" Mesh Fabric, Deduct	-347.27	
For Gate With Barb Wire Arm, Add	439.08	
For Vinyl Coated, Add	1,197.49	
32 31 13 13-0571 EA 18' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	6,647.51	1,078.53
For 1" Mesh Fabric, Add	1,953.39	
For 1-1/4" Mesh Fabric, Add	1,257.36	
For 1-3/4" Mesh Fabric, Add	781.36	
For 2-1/8" Mesh Fabric, Deduct	-390.68	
For Gate With Barb Wire Arm, Add	493.96	
For Vinyl Coated, Add	1,347.17	
32 31 13 13-0572 EA 20' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	7,385.47	1,198.02
For 1" Mesh Fabric, Add	2,170.45	
For 1-1/4" Mesh Fabric, Add	1,397.07	
For 1-3/4" Mesh Fabric, Add	868.18	
For 2-1/8" Mesh Fabric, Deduct	-434.09	
For Gate With Barb Wire Arm, Add	548.85	
For Vinyl Coated, Add	1,496.86	
32 31 13 13-0573 EA 24' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	8,818.64	1,437.53
For 1" Mesh Fabric, Add	2,585.42	
For 1-1/4" Mesh Fabric, Add	1,664.18	
For 1-3/4" Mesh Fabric, Add	1,034.17	
For 2-1/8" Mesh Fabric, Deduct	-517.08	
For Gate With Barb Wire Arm, Add	653.79	
For Vinyl Coated, Add	1,783.05	
32 31 13 13-0574 EA 30' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	11,078.19	1,796.91
For 1" Mesh Fabric, Add	3,255.66	
For 1-1/4" Mesh Fabric, Add	2,095.60	
For 1-3/4" Mesh Fabric, Add	1,302.26	
For 2-1/8" Mesh Fabric, Deduct	-651.13	
For Gate With Barb Wire Arm, Add	823.27	
For Vinyl Coated, Add	2,245.28	
32 31 13 13-0575 EA 40' Long x 7' High Chain Link Galvanized Steel Sliding Gate .....	14,770.92	2,395.92
For 1" Mesh Fabric, Add	4,340.88	
For 1-1/4" Mesh Fabric, Add	2,794.13	
For 1-3/4" Mesh Fabric, Add	1,736.35	
For 2-1/8" Mesh Fabric, Deduct	-868.18	
For Gate With Barb Wire Arm, Add	1,097.69	
For Vinyl Coated, Add	2,993.71	
<b>32 31 13 13-0576</b> 8' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0535)</small>		
32 31 13 13-0577 EA 10' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	3,867.39	649.35
For 1" Mesh Fabric, Add	1,117.38	
For 1-1/4" Mesh Fabric, Add	719.23	
For 1-3/4" Mesh Fabric, Add	446.95	
For 2-1/8" Mesh Fabric, Deduct	-223.48	
For Gate With Barb Wire Arm, Add	282.56	
For Vinyl Coated, Add	770.61	
32 31 13 13-0578 EA 12' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	4,637.13	777.40
For 1" Mesh Fabric, Add	1,340.85	
For 1-1/4" Mesh Fabric, Add	863.08	
For 1-3/4" Mesh Fabric, Add	536.34	
For 2-1/8" Mesh Fabric, Deduct	-268.17	
For Gate With Barb Wire Arm, Add	339.07	
For Vinyl Coated, Add	924.73	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 31 13 13-0579	EA		14' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	5,410.06	907.02
			<i>For 1" Mesh Fabric, Add</i>	1,564.32	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,006.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	625.73	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-312.86	
			<i>For Gate With Barb Wire Arm, Add</i>	395.58	
			<i>For Vinyl Coated, Add</i>	1,078.84	
32 31 13 13-0580	EA		16' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	6,183.24	1,036.63
			<i>For 1" Mesh Fabric, Add</i>	1,787.80	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,150.77	
			<i>For 1-3/4" Mesh Fabric, Add</i>	715.12	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-357.56	
			<i>For Gate With Barb Wire Arm, Add</i>	452.09	
			<i>For Vinyl Coated, Add</i>	1,232.96	
32 31 13 13-0581	EA		18' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	6,954.97	1,165.72
			<i>For 1" Mesh Fabric, Add</i>	2,011.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,294.61	
			<i>For 1-3/4" Mesh Fabric, Add</i>	804.51	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-402.25	
			<i>For Gate With Barb Wire Arm, Add</i>	508.60	
			<i>For Vinyl Coated, Add</i>	1,387.08	
32 31 13 13-0582	EA		20' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	7,728.28	1,295.46
			<i>For 1" Mesh Fabric, Add</i>	2,234.75	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,438.46	
			<i>For 1-3/4" Mesh Fabric, Add</i>	893.90	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-446.95	
			<i>For Gate With Barb Wire Arm, Add</i>	565.11	
			<i>For Vinyl Coated, Add</i>	1,541.21	
32 31 13 13-0583	EA		24' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	9,229.02	1,554.68
			<i>For 1" Mesh Fabric, Add</i>	2,662.03	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,713.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,064.81	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-532.41	
			<i>For Gate With Barb Wire Arm, Add</i>	673.16	
			<i>For Vinyl Coated, Add</i>	1,835.88	
32 31 13 13-0584	EA		30' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	11,593.39	1,943.64
			<i>For 1" Mesh Fabric, Add</i>	3,352.13	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,157.69	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,340.85	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-670.43	
			<i>For Gate With Barb Wire Arm, Add</i>	847.66	
			<i>For Vinyl Coated, Add</i>	2,311.81	
32 31 13 13-0585	EA		40' Long x 8' High Chain Link Galvanized Steel Sliding Gate .....	15,453.96	2,589.62
			<i>For 1" Mesh Fabric, Add</i>	4,469.49	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,876.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,787.80	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-893.90	
			<i>For Gate With Barb Wire Arm, Add</i>	1,130.22	
			<i>For Vinyl Coated, Add</i>	3,082.41	

**32 31 13 13-0586 9' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0535)**

32 31 13 13-0587	EA		10' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	4,072.80	708.39
			<i>For 1" Mesh Fabric, Add</i>	1,155.37	
			<i>For 1-1/4" Mesh Fabric, Add</i>	743.69	
			<i>For 1-3/4" Mesh Fabric, Add</i>	462.15	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-231.07	
			<i>For Gate With Barb Wire Arm, Add</i>	292.16	
			<i>For Vinyl Coated, Add</i>	796.81	
32 31 13 13-0588	EA		12' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	4,882.09	847.46
			<i>For 1" Mesh Fabric, Add</i>	1,386.45	
			<i>For 1-1/4" Mesh Fabric, Add</i>	892.43	
			<i>For 1-3/4" Mesh Fabric, Add</i>	554.58	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-277.29	
			<i>For Gate With Barb Wire Arm, Add</i>	350.60	
			<i>For Vinyl Coated, Add</i>	956.17	
32 31 13 13-0589	EA		14' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	5,695.46	988.49
			<i>For 1" Mesh Fabric, Add</i>	1,617.53	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,041.17	
			<i>For 1-3/4" Mesh Fabric, Add</i>	647.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-323.51	
			<i>For Gate With Barb Wire Arm, Add</i>	409.03	
			<i>For Vinyl Coated, Add</i>	1,115.54	
32 31 13 13-0590	EA		16' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	6,509.94	1,130.17
			<i>For 1" Mesh Fabric, Add</i>	1,848.60	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,189.90	
			<i>For 1-3/4" Mesh Fabric, Add</i>	739.44	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-369.72	
			<i>For Gate With Barb Wire Arm, Add</i>	467.46	
			<i>For Vinyl Coated, Add</i>	1,274.90	
32 31 13 13-0591	EA		18' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	7,323.54	1,271.33
			<i>For 1" Mesh Fabric, Add</i>	2,079.67	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,338.64	
			<i>For 1-3/4" Mesh Fabric, Add</i>	831.87	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-415.93	
			<i>For Gate With Barb Wire Arm, Add</i>	525.89	
			<i>For Vinyl Coated, Add</i>	1,434.26	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0592	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	8,137.13	1,412.48
			For 1" Mesh Fabric, Add	2,310.75	
			For 1-1/4" Mesh Fabric, Add	1,487.38	
			For 1-3/4" Mesh Fabric, Add	924.30	
			For 2-1/8" Mesh Fabric, Deduct	-462.15	
			For Gate With Barb Wire Arm, Add	584.33	
			For Vinyl Coated, Add	1,593.62	
32 31 13	13-0593	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	9,717.41	1,694.80
			For 1" Mesh Fabric, Add	2,752.56	
			For 1-1/4" Mesh Fabric, Add	1,771.76	
			For 1-3/4" Mesh Fabric, Add	1,101.02	
			For 2-1/8" Mesh Fabric, Deduct	-550.51	
			For Gate With Barb Wire Arm, Add	696.05	
			For Vinyl Coated, Add	1,898.32	
32 31 13	13-0594	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	12,204.52	2,118.28
			For 1" Mesh Fabric, Add	3,466.12	
			For 1-1/4" Mesh Fabric, Add	2,231.07	
			For 1-3/4" Mesh Fabric, Add	1,386.45	
			For 2-1/8" Mesh Fabric, Deduct	-693.22	
			For Gate With Barb Wire Arm, Add	876.49	
			For Vinyl Coated, Add	2,390.43	
32 31 13	13-0595	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate .....	16,277.33	2,826.65
			For 1" Mesh Fabric, Add	4,621.51	
			For 1-1/4" Mesh Fabric, Add	2,974.76	
			For 1-3/4" Mesh Fabric, Add	1,848.60	
			For 2-1/8" Mesh Fabric, Deduct	-924.30	
			For Gate With Barb Wire Arm, Add	1,168.66	
			For Vinyl Coated, Add	3,187.25	
<b>32 31 13</b>	<b>13-0596</b>		<b>10' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0535)</b> .....	<b>4,328.72</b>	<b>779.22</b>
		EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	4,328.72	779.22
			For 1" Mesh Fabric, Add	1,205.07	
			For 1-1/4" Mesh Fabric, Add	775.68	
			For 1-3/4" Mesh Fabric, Add	482.03	
			For 2-1/8" Mesh Fabric, Deduct	-241.01	
			For Gate With Barb Wire Arm, Add	304.73	
			For Vinyl Coated, Add	831.08	
32 31 13	13-0598	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	5,194.46	935.04
			For 1" Mesh Fabric, Add	1,446.08	
			For 1-1/4" Mesh Fabric, Add	930.81	
			For 1-3/4" Mesh Fabric, Add	578.43	
			For 2-1/8" Mesh Fabric, Deduct	-289.22	
			For Gate With Barb Wire Arm, Add	365.68	
			For Vinyl Coated, Add	997.30	
32 31 13	13-0599	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	6,060.73	1,091.11
			For 1" Mesh Fabric, Add	1,687.10	
			For 1-1/4" Mesh Fabric, Add	1,085.95	
			For 1-3/4" Mesh Fabric, Add	674.84	
			For 2-1/8" Mesh Fabric, Deduct	-337.42	
			For Gate With Barb Wire Arm, Add	426.62	
			For Vinyl Coated, Add	1,163.52	
32 31 13	13-0600	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	6,926.25	1,246.94
			For 1" Mesh Fabric, Add	1,928.12	
			For 1-1/4" Mesh Fabric, Add	1,241.09	
			For 1-3/4" Mesh Fabric, Add	771.25	
			For 2-1/8" Mesh Fabric, Deduct	-385.62	
			For Gate With Barb Wire Arm, Add	487.57	
			For Vinyl Coated, Add	1,329.74	
32 31 13	13-0601	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	7,791.68	1,402.62
			For 1" Mesh Fabric, Add	2,169.12	
			For 1-1/4" Mesh Fabric, Add	1,396.21	
			For 1-3/4" Mesh Fabric, Add	867.65	
			For 2-1/8" Mesh Fabric, Deduct	-433.82	
			For Gate With Barb Wire Arm, Add	548.51	
			For Vinyl Coated, Add	1,495.94	
32 31 13	13-0602	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	8,657.43	1,558.44
			For 1" Mesh Fabric, Add	2,410.13	
			For 1-1/4" Mesh Fabric, Add	1,551.35	
			For 1-3/4" Mesh Fabric, Add	964.05	
			For 2-1/8" Mesh Fabric, Deduct	-482.03	
			For Gate With Barb Wire Arm, Add	609.46	
			For Vinyl Coated, Add	1,662.16	
32 31 13	13-0603	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	10,341.49	1,870.86
			For 1" Mesh Fabric, Add	2,870.95	
			For 1-1/4" Mesh Fabric, Add	1,847.97	
			For 1-3/4" Mesh Fabric, Add	1,148.38	
			For 2-1/8" Mesh Fabric, Deduct	-574.19	
			For Gate With Barb Wire Arm, Add	725.99	
			For Vinyl Coated, Add	1,979.96	
32 31 13	13-0604	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate .....	12,986.15	2,337.67
			For 1" Mesh Fabric, Add	3,615.20	
			For 1-1/4" Mesh Fabric, Add	2,327.03	
			For 1-3/4" Mesh Fabric, Add	1,446.08	
			For 2-1/8" Mesh Fabric, Deduct	-723.04	
			For Gate With Barb Wire Arm, Add	914.19	
			For Vinyl Coated, Add	2,493.24	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

32 31 13 13-0605	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate.....	17,311.15	3,115.07
		<i>For 1" Mesh Fabric, Add</i>	4,820.28	
		<i>For 1-1/4" Mesh Fabric, Add</i>	3,102.71	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,928.11	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-964.06	
		<i>For Gate With Barb Wire Arm, Add</i>	1,218.92	
		<i>For Vinyl Coated, Add</i>	3,324.33	

**32 31 13 13-0606 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller (32)**

31 13 13-0252)

Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.

32 31 13 13-0607	EA	5' High x 10' Wide Galvanized Cantilever Sliding Gate.....	6,609.69	518.96
		<i>For 1" Mesh Fabric, Add</i>	2,423.72	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,560.10	
		<i>For 1-3/4" Mesh Fabric, Add</i>	969.49	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-484.74	
		<i>For Gate With Single Barb Wire Arm, Add</i>	612.89	
		<i>For Gate With Double Barb Wire Arm, Add</i>	891.48	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,674.45	
		<i>For Powder Coated Gate And Post, Add</i>	1,170.07	
		<i>For Vinyl Coated, Add</i>	1,671.53	
32 31 13 13-0608	EA	5' High x 12' Wide Galvanized Cantilever Sliding Gate.....	7,248.46	648.71
		<i>For 1" Mesh Fabric, Add</i>	2,588.71	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,666.30	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,035.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-517.74	
		<i>For Gate With Single Barb Wire Arm, Add</i>	654.62	
		<i>For Gate With Double Barb Wire Arm, Add</i>	952.17	
		<i>For Aluminized Steel Gate And Post, Add</i>	2,856.51	
		<i>For Powder Coated Gate And Post, Add</i>	1,249.72	
		<i>For Vinyl Coated, Add</i>	1,785.32	
32 31 13 13-0609	EA	5' High x 15' Wide Galvanized Cantilever Sliding Gate.....	7,892.44	778.45
		<i>For 1" Mesh Fabric, Add</i>	2,755.97	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,773.96	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,102.39	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-551.19	
		<i>For Gate With Single Barb Wire Arm, Add</i>	696.91	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,013.69	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,041.07	
		<i>For Powder Coated Gate And Post, Add</i>	1,330.47	
		<i>For Vinyl Coated, Add</i>	1,900.67	
32 31 13 13-0610	EA	5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	9,256.14	1,037.92
		<i>For 1" Mesh Fabric, Add</i>	3,123.43	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,010.48	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,249.37	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-624.69	
		<i>For Gate With Single Barb Wire Arm, Add</i>	789.83	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,148.85	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,446.54	
		<i>For Powder Coated Gate And Post, Add</i>	1,507.86	
		<i>For Vinyl Coated, Add</i>	2,154.09	
32 31 13 13-0611	EA	6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	8,600.73	1,037.92
		<i>For 1" Mesh Fabric, Add</i>	2,838.32	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1,826.97	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,135.33	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-567.66	
		<i>For Gate With Single Barb Wire Arm, Add</i>	717.74	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,043.98	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,131.94	
		<i>For Powder Coated Gate And Post, Add</i>	1,370.22	
		<i>For Vinyl Coated, Add</i>	1,957.46	
32 31 13 13-0612	EA	6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	10,072.87	1,362.28
		<i>For 1" Mesh Fabric, Add</i>	3,196.51	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,057.53	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,278.61	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-639.30	
		<i>For Gate With Single Barb Wire Arm, Add</i>	808.31	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,175.73	
		<i>For Aluminized Steel Gate And Post, Add</i>	3,527.19	
		<i>For Powder Coated Gate And Post, Add</i>	1,543.15	
		<i>For Vinyl Coated, Add</i>	2,204.49	
32 31 13 13-0613	EA	6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	13,360.65	1,686.63
		<i>For 1" Mesh Fabric, Add</i>	4,344.52	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2,796.47	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1,737.81	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-868.90	
		<i>For Gate With Single Barb Wire Arm, Add</i>	1,098.61	
		<i>For Gate With Double Barb Wire Arm, Add</i>	1,597.98	
		<i>For Aluminized Steel Gate And Post, Add</i>	4,793.95	
		<i>For Powder Coated Gate And Post, Add</i>	2,097.35	
		<i>For Vinyl Coated, Add</i>	2,996.22	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0614	EA 6' High x 30' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	15,044.30 4,794.72 3,086.26 1,917.89 -958.94 1,212.46 1,763.57 5,290.72 2,314.69 3,306.70	2,010.97
32 31	13	13-0615	EA 6' High x 36' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	17,637.99 5,753.66 3,703.51 2,301.46 -1,150.73 1,454.95 2,116.29 6,348.87 2,777.63 3,968.04	2,205.59
32 31	13	13-0616	EA 8' High x 15' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	10,059.97 3,247.34 2,090.24 1,298.94 -649.47 821.17 1,194.43 3,583.28 1,567.68 2,239.55	1,297.40
32 31	13	13-0617	EA 8' High x 20' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	11,908.85 3,656.55 2,353.64 1,462.62 -731.31 924.64 1,344.94 4,034.81 1,765.23 2,521.76	1,751.50
32 31	13	13-0618	EA 8' High x 25' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	15,835.88 4,969.74 3,198.92 1,987.90 -993.95 1,256.72 1,827.95 5,483.86 2,399.19 3,427.41	2,205.59
32 31	13	13-0619	EA 8' High x 30' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	17,796.76 5,484.11 3,530.00 2,193.64 -1,096.82 1,386.79 2,017.14 6,051.43 2,647.50 3,782.14	2,594.81
32 31	13	13-0620	EA 8' High x 36' Wide Galvanized Cantilever Sliding Gate..... For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For Vinyl Coated, Add	20,837.15 6,580.93 4,236.00 2,632.37 -1,316.19 1,664.14 2,420.57 7,261.71 3,177.00 4,538.57	2,854.29
32 31	13	13-0621	<b>Gate Accessories</b> (32 31 13 13-0252)		
32 31	13	13-0622	EA Gate Center Stop, Cast Steel, Ground .....	44.63	
32 31	13	13-0623	EA Gate Latch, Malleable Galvanized Steel .....	60.64	
32 31	13	13-0624	EA Gate Keeper, Full Length, Galvanized Steel.....	279.15	
32 31	13	13-0625	EA Gate Keeper Hold-Open For Cantilever Gate.....	112.83	21.97
32 31	13	13-0626	EA Heavy-Duty Gate Latch, Malleable Galvanized Steel .....	64.47	
32 31	13	13-0627	EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	1,146.01	
32 31	13	13-0628	EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate .....	1,228.86	
32 31	13	13-0629	EA Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate .....	1,311.73	
32 31	13	13-0630	LF Aluminum V-Groove Gate Track.....	63.44	12.79
32 31	13	13-0631	LF Galvanized Steel V-Groove Gate Track.....	48.25	12.79

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 31 13 13-0632	Accessories <small>(32 31 13 13)</small>		
32 31 13 13-0633	Barbed And Concertina Wire <small>(32 31 13 13-0632)</small>		
32 31 13 13-0634	Single Strand Barbed Wire <small>(32 31 13 13-0633)</small>		
32 31 13 13-0635	LF 12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 1, Galvanized Barbed Wire, Per Strand.....	1.29	0.58
	Note: Includes clips. 4 points 12-1/2 Gauge, Class 1.		
	For >500 To 2,000, Deduct	-0.06	
	For >2,000 To 5,000, Deduct	-0.09	
32 31 13 13-0636	LF 12-1/2 Gauge, 4 Points, 5" O. C., ASTM A121, Class 3, Galvanized Barbed Wire, Per Strand.....	1.33	0.58
	For >500 To 2,000, Deduct	-0.06	
	For >2,000 To 5,000, Deduct	-0.09	
32 31 13 13-0637	LF Vinyl Coated Barbed Wire (Fused), Per Strand .....	1.42	0.58
	Note: Includes clips.		
	For >500 To 2,000, Deduct	-0.06	
	For >2,000 To 5,000, Deduct	-0.09	
32 31 13 13-0638	EA Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 3 Strand, 45 Degree, Galvanized Steel, Barbed Wire Single Arm.....	16.89	9.25
32 31 13 13-0639	EA Chain Link 2-1/2" (2-3/8" OD) x 1-5/8", 6 Strand, 45 Degree, Galvanized Steel, Barbed Wire V-Barb Arm .....	28.13	11.10
32 31 13 13-0640	EA Barbed Wire Eye Tops (For Single Strand).....	14.65	9.25
32 31 13 13-0641	Galvanized Steel Concertina (Razor) Wire, Single Coil <small>(32 31 13 13-0633)</small>		
32 31 13 13-0642	LF 18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	5.72	0.81
	For >500 To 1,500, Deduct	-0.49	
	For >1,500 To 5,000, Deduct	-0.97	
	For >5,000, Deduct	-1.38	
	For Ground Installation, Deduct	-0.58	
	For Double Coil (Helix), Add	4.57	
32 31 13 13-0643	LF 18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	8.64	0.81
	For >500 To 1,500, Deduct	-0.73	
	For >1,500 To 5,000, Deduct	-1.47	
	For >5,000, Deduct	-2.08	
	For Ground Installation, Deduct	-0.87	
	For Double Coil (Helix), Add	6.91	
32 31 13 13-0644	LF 18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence .....	11.45	0.81
	For >500 To 1,500, Deduct	-0.97	
	For >1,500 To 5,000, Deduct	-1.95	
	For >5,000, Deduct	-2.75	
	For Ground Installation, Deduct	-1.16	
	For Double Coil (Helix), Add	9.14	
32 31 13 13-0645	LF 24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	9.84	0.81
	For >500 To 1,500, Deduct	-0.80	
	For >1,500 To 5,000, Deduct	-1.60	
	For >5,000, Deduct	-2.23	
	For Ground Installation, Deduct	-0.64	
	For Double Coil (Helix), Add	8.56	
32 31 13 13-0646	LF 24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	14.86	0.81
	For >500 To 1,500, Deduct	-1.21	
	For >1,500 To 5,000, Deduct	-2.42	
	For >5,000, Deduct	-3.36	
	For Ground Installation, Deduct	-0.96	
	For Double Coil (Helix), Add	12.94	
32 31 13 13-0647	LF 24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence .....	19.63	0.81
	For >500 To 1,500, Deduct	-1.60	
	For >1,500 To 5,000, Deduct	-3.20	
	For >5,000, Deduct	-4.44	
	For Ground Installation, Deduct	-1.28	
	For Double Coil (Helix), Add	17.08	
32 31 13 13-0648	LF 30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	31.40	0.81
	For >500 To 1,500, Deduct	-2.43	
	For >1,500 To 5,000, Deduct	-4.85	
	For >5,000, Deduct	-6.57	
	For Ground Installation, Deduct	-0.72	
	For Double Coil (Helix), Add	29.96	
32 31 13 13-0649	LF 30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	47.52	0.81
	For >500 To 1,500, Deduct	-3.67	
	For >1,500 To 5,000, Deduct	-7.34	
	For >5,000, Deduct	-9.94	
	For Ground Installation, Deduct	-1.08	
	For Double Coil (Helix), Add	45.36	





<b>Exterior Improvements</b>		<b>32</b>
Site Improvements		32 30
Fences and Gates		32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0650	LF	30" Diameter, 9' On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	62.79	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-4.85	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-9.71	
			<i>For &gt;5,000, Deduct</i>	-13.14	
			<i>For Ground Installation, Deduct</i>	-1.45	
			<i>For Double Coil (Helix), Add</i>	59.90	
<b>32 31 13</b>	<b>13-0651</b>		<b>Stainless Steel Concertina (Razor) Wire, Single Coil</b> <small>(32 31 13 13-0633)</small>		
32 31 13	13-0652	LF	18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	10.61	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-0.85	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-1.71	
			<i>For &gt;5,000, Deduct</i>	-2.35	
			<i>For Ground Installation, Deduct</i>	-0.58	
			<i>For Double Coil (Helix), Add</i>	9.46	
32 31 13	13-0653	LF	18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	16.05	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-1.29	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-2.58	
			<i>For &gt;5,000, Deduct</i>	-3.56	
			<i>For Ground Installation, Deduct</i>	-0.87	
			<i>For Double Coil (Helix), Add</i>	14.32	
32 31 13	13-0654	LF	18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	21.24	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-1.71	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-3.42	
			<i>For &gt;5,000, Deduct</i>	-4.71	
			<i>For Ground Installation, Deduct</i>	-1.16	
			<i>For Double Coil (Helix), Add</i>	18.93	
32 31 13	13-0655	LF	24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	13.99	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-1.11	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-2.23	
			<i>For &gt;5,000, Deduct</i>	-3.06	
			<i>For Ground Installation, Deduct</i>	-0.64	
			<i>For Double Coil (Helix), Add</i>	12.71	
32 31 13	13-0656	LF	24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	21.15	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-1.68	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-3.37	
			<i>For &gt;5,000, Deduct</i>	-4.62	
			<i>For Ground Installation, Deduct</i>	-0.96	
			<i>For Double Coil (Helix), Add</i>	19.23	
32 31 13	13-0657	LF	24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	27.93	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-2.22	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-4.44	
			<i>For &gt;5,000, Deduct</i>	-6.10	
			<i>For Ground Installation, Deduct</i>	-1.28	
			<i>For Double Coil (Helix), Add</i>	25.38	
32 31 13	13-0658	LF	30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence	47.11	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-3.61	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-7.21	
			<i>For &gt;5,000, Deduct</i>	-9.71	
			<i>For Ground Installation, Deduct</i>	-0.72	
			<i>For Double Coil (Helix), Add</i>	45.67	
32 31 13	13-0659	LF	30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence	71.33	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-5.46	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-10.92	
			<i>For &gt;5,000, Deduct</i>	-14.70	
			<i>For Ground Installation, Deduct</i>	-1.08	
			<i>For Double Coil (Helix), Add</i>	69.17	
32 31 13	13-0660	LF	30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence	94.22	0.81
			<i>For &gt;500 To 1,500, Deduct</i>	-7.21	
			<i>For &gt;1,500 To 5,000, Deduct</i>	-14.42	
			<i>For &gt;5,000, Deduct</i>	-19.42	
			<i>For Ground Installation, Deduct</i>	-1.45	
			<i>For Double Coil (Helix), Add</i>	91.33	
<b>32 31 13</b>	<b>13-0661</b>		<b>Grounding For Gates</b> <small>(32 31 13 13-0632)</small>		
			Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13	13-0662	OPNG	Grounding For Gates (Per Opening)	518.56	
<b>32 31 13</b>	<b>13-0663</b>		<b>Coiled Spring Reinforcing Wire</b> <small>(32 31 13 13-0632)</small>		
<b>32 31 13</b>	<b>13-0664</b>		<b>Galvanized Steel</b> <small>(32 31 13 13-0663)</small>		
32 31 13	13-0665	LF	7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.36	0.58

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 31 13 13-0666	Vinyl Coated Steel <small>(32 31 13 13-0663)</small>		
32 31 13 13-0667	LF 9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring.....	1.36	0.58
32 31 13 13-0668	Bending Of Fabric Around Pipe Railings <small>(32 31 13 13-0632)</small>		
	Note: Only where specified.		
32 31 13 13-0669	LF Bend Chain Link Fence Fabric Around Pipe Railing, Top.....	1.89	
32 31 13 13-0670	LF Bend Chain Link Fence Fabric Around Pipe Railing, Bottom.....	1.65	
32 31 13 13-0671	Mounting Plate With Anchors Or Bolts <small>(32 31 13 13-0632)</small>		
	Note: For drilling for anchor or bolts, installing post on or against flat surface.		
32 31 13 13-0672	EA Mounting Plate For 1-5/8" Diameter Post.....	50.34	
32 31 13 13-0673	EA Mounting Plate For 2" Diameter Post.....	51.13	
32 31 13 13-0674	EA Mounting Plate For 2-1/2" Diameter Post.....	52.61	
32 31 13 13-0675	EA Mounting Plate For 3" Diameter Post.....	63.18	
32 31 13 13-0676	EA Mounting Plate For 4" Diameter Post.....	72.52	
32 31 13 13-0677	EA Mounting Plate For 6-5/8" Diameter Post.....	83.85	
32 31 13 13-0678	EA Mounting Plate For 8-5/8" Diameter Post.....	98.69	
32 31 13 13-0679	Fence And Gate Repair And Replacement <small>(32 31 13 13)</small>		
32 31 13 13-0680	Fence And Gate Parts Replacement <small>(32 31 13 13-0679)</small>		
32 31 13 13-0681	EA Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement.....	137.54	
32 31 13 13-0682	EA Sliding Gate Roller Assembly Replacement.....	136.25	
32 31 13 13-0683	EA Rod And Lock Gate Keeper Replacement.....	136.06	
32 31 13 13-0684	EA Galvanized Gate Holdback Replacement.....	31.71	
32 31 13 13-0685	LF 3/8" Cross Bracing Rod Replacement.....	1.79	
32 31 13 13-0686	LF 1-5/8" Diagonal Pipe Bracing Replacement.....	2.76	
32 31 13 13-0687	EA 2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	29.86	
32 31 13 13-0688	EA 2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	34.25	
32 31 13 13-0689	EA 3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	38.70	
32 31 13 13-0690	EA 6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	57.19	
32 31 13 13-0691	EA 8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement.....	110.69	
32 31 13 13-0692	EA 2-1/2" x 2" Off Set Gate Hinge Replacement.....	29.10	
32 31 13 13-0693	EA 3" x 2" Off Set Gate Hinge Replacement.....	30.39	
32 31 13 13-0694	EA 4" x 2" Off Set Gate Hinge Replacement.....	32.46	
32 31 13 13-0695	EA 6-5/8" x 2" Off Set Gate Hinge Replacement.....	51.74	
32 31 13 13-0696	EA 8-5/8" x 2" Off Set Gate Hinge Replacement.....	80.22	
32 31 13 13-0697	EA 1-5/8" Aluminum Die-Cast Post Cap Replacement.....	6.77	
32 31 13 13-0698	EA 2" Aluminum Die-Cast Post Cap Replacement.....	7.43	
32 31 13 13-0699	EA 2-1/2" Aluminum Die-Cast Post Cap Replacement.....	8.65	
32 31 13 13-0700	EA 3" Aluminum Die-Cast Post Cap Replacement.....	10.06	
32 31 13 13-0701	EA 2" Galvanized Post Cap Replacement.....	7.47	
32 31 13 13-0702	EA 2-1/2" Galvanized Post Cap Replacement.....	8.10	
32 31 13 13-0703	EA 3" Galvanized Post Cap Replacement.....	9.26	
32 31 13 13-0704	EA 4" Galvanized Post Cap Replacement.....	13.43	
32 31 13 13-0705	EA 6-5/8" Galvanized Post Cap Replacement.....	24.36	
32 31 13 13-0706	EA 8-5/8" Galvanized Post Cap Replacement.....	39.56	
32 31 13 13-0707	EA 1-5/8" Boulevard Clamp Replacement.....	12.58	
32 31 13 13-0708	EA 2" Boulevard Clamp Replacement.....	15.32	
32 31 13 13-0709	EA 2-1/2" Boulevard Clamp Replacement.....	17.97	
32 31 13 13-0710	EA 3" Boulevard Clamp Replacement.....	21.81	
32 31 13 13-0711	EA 1-5/8" Gate Brace Or End Rail Clamp Replacement.....	12.36	
32 31 13 13-0712	EA 2" Gate Brace Or End Rail Clamp Replacement.....	15.01	
32 31 13 13-0713	EA 2-1/2" Gate Brace Or End Rail Clamp Replacement.....	17.67	
32 31 13 13-0714	EA 3" Gate Brace Or End Rail Clamp Replacement.....	21.49	
32 31 13 13-0715	EA 1-3/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	12.52	
32 31 13 13-0716	EA 1-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	12.62	
32 31 13 13-0717	EA 2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	12.88	
32 31 13 13-0718	EA 2-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	12.76	
32 31 13 13-0719	EA 3" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	12.96	
32 31 13 13-0720	EA 3-1/2" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	13.12	
32 31 13 13-0721	EA 4" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	13.59	
32 31 13 13-0722	EA 6-5/8" Heavy-Duty Galvanized Tension Band With Bolt, Replacement.....	17.02	
32 31 13 13-0723	Removal And Reinstallation Of Chain Link Fences <small>(32 31 13 13)</small>		
	Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work. See CSI section 32 31 13 13-0001 for new post holes where required, 32 31 13 13-0058 for new fence posts where required.		
32 31 13 13-0724	LF Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	23.13	
32 31 13 13-0725	LF Removal And Reinstallation Of Chain Link Fence 6' To 12' Height.....	34.68	
32 31 13 13-0726	Ballfield Fencing <small>(32 31 13 13)</small>		
	See CSI section 32 31 13 13-0001 for auguring holes and concrete.		



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 31 13 13-0727</b>	<b>Concrete Bases For Ballfield Poles, Cast In Place</b> <small>(32 31 13 13-0726)</small>	
Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.		
32 31 13 13-0728 VLF 2-1/2' Diameter Concrete Base For Ballfield Poles.....	136.17	
32 31 13 13-0729 VLF 3' Diameter Concrete Base For Ballfield Poles.....	162.43	
32 31 13 13-0730 VLF 3-1/2' Diameter Concrete Base For Ballfield Poles.....	205.47	
32 31 13 13-0731 VLF 4' Diameter Concrete Base For Ballfield Poles.....	244.50	
<b>32 31 13 13-0732</b>	<b>Ballfield Poles</b> <small>(32 31 13 13-0726)</small>	
32 31 13 13-0733 EA 20' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	8,156.46	643.12
Note: 10' above grade		
32 31 13 13-0734 EA 25' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	10,116.69	803.90
Note: 15' above grade		
32 31 13 13-0735 EA 30' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	11,619.35	964.69
Note: 20' above grade		
32 31 13 13-0736 EA 40' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	15,653.26	1,125.47
Note: 30' above grade		
32 31 13 13-0737 EA 50' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	21,019.31	1,286.24
Note: 40' above grade		
32 31 13 13-0738 EA 60' Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting.....	23,486.69	1,447.02
Note: 50' above grade		
<b>32 31 13 13-0739</b>	<b>Ballfield Nylon Netting</b> <small>(32 31 13 13-0726)</small>	
Note: Excludes fastening clips and cabling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0740 LF 10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	1.78	
32 31 13 13-0741 LF 10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	1.83	
32 31 13 13-0742 LF 10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	2.05	
32 31 13 13-0743 LF 10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	2.32	
32 31 13 13-0744 LF 10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	2.57	
32 31 13 13-0745 LF 10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	3.43	
32 31 13 13-0746 LF 10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	3.90	
32 31 13 13-0747 LF 10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	5.06	
<b>32 31 13 13-0748</b>	<b>Ballfield Chainlink Netting</b> <small>(32 31 13 13-0726)</small>	
Note: Excludes fastening clips and cabling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0749 SF #9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting.....	3.77	1.24
For 13 Gauge Fabric, Deduct		
	-0.58	
For 11 Gauge Fabric, Deduct		
	-0.32	
For 6 Gauge Fabric, Add		
	1.02	
For 1" Mesh Fabric, Add		
	0.96	
For 1-3/4" Mesh Fabric, Add		
	0.38	
For 2-1/8" Mesh Fabric, Deduct		
	-0.19	
For 2-3/8" Mesh Fabric, Deduct		
	-0.26	
<b>32 31 13 13-0750</b>	<b>Ballfield Netting Accessories</b> <small>(32 31 13 13-0726)</small>	
32 31 13 13-0751 EA Sliding Clip For Ballfield Netting.....	8.78	
32 31 13 13-0752 EA 1/4" Utility Spring Swing Clip For Ballfield Netting.....	3.93	
32 31 13 13-0753 EA 5/16" Utility Spring Swing Clip For Ballfield Netting.....	4.13	
32 31 13 13-0754 EA 3/8" Utility Spring Swing Clip For Ballfield Netting.....	4.44	
<b>32 31 13 33</b>	<b>Chain Link Backstops</b> <small>(32 31 13)</small>	
<b>32 31 13 33-0001</b>	<b>Regulation Baseball Backstop</b> <small>(32 31 13 33)</small>	
See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized.....	13,755.23	2,388.90
32 31 13 33-0003 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized.....	19,797.57	3,185.20
32 31 13 33-0004 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized.....	25,172.63	3,716.07
32 31 13 33-0005 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	19,143.79	2,388.90
32 31 13 33-0006 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	27,860.56	3,185.20
32 31 13 33-0007 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	35,813.00	3,716.07
32 31 13 33-0008 SF 2" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop.....	15.33	
32 31 13 33-0009 SF 3" Thick Polyethylene Foam, 18 Oz Vinyl Cover, Padding Installed On Chain Link Backstop.....	18.27	
<b>32 31 13 33-0010</b>	<b>Regulation Softball Backstop</b> <small>(32 31 13 33)</small>	
See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
<b>32 31 13 33-0011</b>	<b>14' High Softball Backstop</b> <small>(32 31 13 33-0010)</small>	
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0012 EA 14' Softball Backstop, Galvanized Regulation.....	11,455.39	2,256.32
32 31 13 33-0013 EA 14' Softball Backstop, Vinyl Coated Regulation.....	15,320.15	2,256.32
<b>32 31 13 33-0014</b>	<b>18' High Softball Backstop</b> <small>(32 31 13 33-0010)</small>	
Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 33-0015	EA	18' Softball Backstop, Galvanized Regulation.....		13,366.10	2,508.41
32 31 13 33-0016	EA	18' Softball Backstop Vinyl Coated Regulation .....		18,041.21	2,508.41
<b>32 31 13 33-0017</b>		<b>20' High Softball Backstop</b> <small>(32 31 13 33-0010)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0018	EA	20' Softball Backstop, Galvanized Regulation.....		15,123.60	2,644.75
32 31 13 33-0019	EA	20' Softball Backstop, Vinyl Coated Regulation .....		20,671.46	2,644.75
<b>32 31 13 33-0020</b>		<b>22' High Softball Backstop</b> <small>(32 31 13 33-0010)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0021	EA	22' Softball Backstop, Galvanized Regulation.....		17,406.83	2,724.54
32 31 13 33-0022	EA	22' Softball Backstop, Vinyl Coated Regulation .....		24,076.66	2,724.54
<b>32 31 13 33-0023</b>		<b>24' High Softball Backstop</b> <small>(32 31 13 33-0010)</small>			
		Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.			
32 31 13 33-0024	EA	24' Softball Backstop, Galvanized Regulation.....		20,700.35	3,113.77
32 31 13 33-0025	EA	24' Softball Backstop, Vinyl Coated Regulation .....		28,990.88	3,113.77
<b>32 31 16</b>		<b>Welded Wire Fences and Gates</b> <small>(32 31)</small>			
32 31 16 00-0001		Welded Wire Fence <small>(32 31 16)</small>			
32 31 16 00-0002		12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh <small>(32 31 16 00-0001)</small>			
		Note: Posts 5' on center.			
32 31 16 00-0003	LF	3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....		11.51	2.13
32 31 16 00-0004	LF	5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'.....		12.31	2.13
32 31 16 00-0005		14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh <small>(32 31 16 00-0001)</small>			
		Note: Posts 5' on center.			
32 31 16 00-0006	LF	3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....		11.35	2.13
32 31 16 00-0007	LF	5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'.....		12.06	2.13
<b>32 31 19</b>		<b>Decorative Metal Fences and Gates</b> <small>(32 31)</small>			
		See CSI section 32 31 13 13-0001 for drilling and grouting.			
32 31 19 00-0001		Wrought Iron Fence <small>(32 31 19)</small>			
		Note: Factory primed.			
32 31 19 00-0002		Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center <small>(32 31 19 00-0001)</small>			
		Note: Factory primed 8 foot long panel sections.			
32 31 19 00-0003	LF	3' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....		48.38	12.72
		For 6' Length Fence Panels With Posts Set 6' O.C., Add		9.04	
		For Verticals Up To 2" On Center, Add		7.34	
		For Verticals >2" To 2-1/2" On Center, Add		4.59	
		For Verticals >2-1/2" To 3" On Center, Add		1.84	
		For Verticals >4" To 6" On Center, Deduct		-2.07	
		For Pickets Extending Above Top Rail, Add		4.14	
		For Curved Pickets Extending Above Top Rail, Add		9.37	
32 31 19 00-0004	LF	4' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....		61.66	16.19
		For 6' Length Fence Panels With Posts Set 6' O.C., Add		11.44	
		For Verticals Up To 2" On Center, Add		9.73	
		For Verticals >2" To 2-1/2" On Center, Add		6.08	
		For Verticals >2-1/2" To 3" On Center, Add		2.43	
		For Verticals >4" To 6" On Center, Deduct		-2.74	
		For Pickets Extending Above Top Rail, Add		5.36	
		For Curved Pickets Extending Above Top Rail, Add		12.23	
32 31 19 00-0005	LF	5' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....		72.35	16.88
		For 6' Length Fence Panels With Posts Set 6' O.C., Add		13.23	
		For Verticals Up To 2" On Center, Add		12.28	
		For Verticals >2" To 2-1/2" On Center, Add		7.67	
		For Verticals >2-1/2" To 3" On Center, Add		3.07	
		For Verticals >4" To 6" On Center, Deduct		-3.45	
		For Pickets Extending Above Top Rail, Add		6.49	
		For Curved Pickets Extending Above Top Rail, Add		15.02	
32 31 19 00-0006	LF	6' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....		87.49	20.35
		For 6' Length Fence Panels With Posts Set 6' O.C., Add		15.98	
		For Verticals Up To 2" On Center, Add		14.94	
		For Verticals >2" To 2-1/2" On Center, Add		9.34	
		For Verticals >2-1/2" To 3" On Center, Add		3.74	
		For Verticals >4" To 6" On Center, Deduct		-4.20	
		For Pickets Extending Above Top Rail, Add		7.88	
		For Curved Pickets Extending Above Top Rail, Add		18.24	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0007 LF 7' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center .....	101.11	21.54
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	18.18	
<i>For Verticals Up To 2" On Center, Add</i>	18.57	
<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	11.61	
<i>For Verticals &gt;2-1/2" To 3" On Center, Add</i>	4.64	
<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-5.22	
<i>For Pickets Extending Above Top Rail, Add</i>	9.41	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	22.09	
32 31 19 00-0008 LF 8' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center .....	114.71	22.67
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	20.38	
<i>For Verticals Up To 2" On Center, Add</i>	22.20	
<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	13.88	
<i>For Verticals &gt;2-1/2" To 3" On Center, Add</i>	5.55	
<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-6.25	
<i>For Pickets Extending Above Top Rail, Add</i>	10.94	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	25.95	
32 31 19 00-0009 LF 10' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center.....	138.28	25.43
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	24.30	
<i>For Verticals Up To 2" On Center, Add</i>	27.97	
<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	17.48	
<i>For Verticals &gt;2-1/2" To 3" On Center, Add</i>	6.99	
<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-7.87	
<i>For Pickets Extending Above Top Rail, Add</i>	13.47	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	32.22	
32 31 19 00-0010 LF 12' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center.....	162.76	28.90
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	28.46	
<i>For Verticals Up To 2" On Center, Add</i>	33.58	
<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	20.99	
<i>For Verticals &gt;2-1/2" To 3" On Center, Add</i>	8.40	
<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-9.45	
<i>For Pickets Extending Above Top Rail, Add</i>	16.01	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	38.44	
<b>32 31 19 00-0011 Wrought Iron Gates</b> <small>(32 31 19 00-0001)</small>		
Note: Factory primed.		
<b>32 31 19 00-0012 Single Wrought Iron Gates</b> <small>(32 31 19 00-0011)</small>		
Note: Factory primed.		
32 31 19 00-0013 LF 3' Single Wrought Iron Gate, Hardware And Associated Trim .....	59.22	15.50
32 31 19 00-0014 LF 4' Single Wrought Iron Gate, Hardware And Associated Trim .....	77.67	19.20
32 31 19 00-0015 LF 5' Single Wrought Iron Gate, Hardware And Associated Trim .....	94.37	23.13
32 31 19 00-0016 LF 6' Single Wrought Iron Gate, Hardware And Associated Trim .....	114.48	27.75
32 31 19 00-0017 LF 8' Single Wrought Iron Gate, Hardware And Associated Trim .....	149.95	30.75
32 31 19 00-0018 LF 10' Single Wrought Iron Gate, Hardware And Associated Trim .....	179.65	33.99
32 31 19 00-0019 LF 12' Single Wrought Iron Gate, Hardware And Associated Trim .....	208.82	38.62
<b>32 31 19 00-0020 Double Wrought Iron Gates</b> <small>(32 31 19 00-0011)</small>		
Note: Factory primed.		
32 31 19 00-0021 LF 3' Double Wrought Iron Gate, Hardware And Associated Trim.....	72.05	13.88
32 31 19 00-0022 LF 4' Double Wrought Iron Gate, Hardware And Associated Trim.....	94.31	17.35
32 31 19 00-0023 LF 5' Double Wrought Iron Gate, Hardware And Associated Trim.....	114.07	20.82
32 31 19 00-0024 LF 6' Double Wrought Iron Gate, Hardware And Associated Trim.....	137.91	24.97
32 31 19 00-0025 LF 8' Double Wrought Iron Gate, Hardware And Associated Trim.....	181.49	27.75
32 31 19 00-0026 LF 10' Double Wrought Iron Gate, Hardware And Associated Trim.....	217.80	30.52
32 31 19 00-0027 LF 12' Double Wrought Iron Gate, Hardware And Associated Trim.....	253.69	34.68
<b>32 31 19 00-0028 Repair Or Replace Wrought Iron Fence</b> <small>(32 31 19 00-0001)</small>		
32 31 19 00-0029 LF Removal And Replacement Of Wrought Iron Picket.....	21.50	
32 31 19 00-0030 LF Removal And Replacement Of Wrought Iron Post.....	31.43	
32 31 19 00-0031 EA Straighten Wrought Iron Post.....	92.50	
32 31 19 00-0032 EA Replace Fence Post Cap.....	47.07	
<b>32 31 19 00-0033 Steel Tube Fence, Powder Coated</b> <small>(32 31 19)</small>		
Note: Pickets are 3/4" square x 16 gauge.		
<b>32 31 19 00-0034 Steel Tube Fence, 2 Rail</b> <small>(32 31 19 00-0033)</small>		
Note: 6 foot long panel sections.		
32 31 19 00-0035 LF 3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts .....	78.59	12.72
<i>For Verticals Up To 2" On Center, Add</i>	10.73	
<i>For Verticals &gt;2" To 2-1/2" On Center, Add</i>	5.37	
<i>For Verticals &gt;3" To 4" On Center, Deduct</i>	-5.37	
<i>For Verticals &gt;4" To 6" On Center, Deduct</i>	-10.73	
<i>For Pickets Extending Above Top Rail, Add</i>	5.81	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	10.19	
<i>For Solid Pickets, Add</i>	15.81	
<i>For Aluminum With Satin Finish, Add</i>	12.36	
<i>For Third Rail, Add</i>	4.02	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	13.42	
<i>For 3" Square Posts, Add</i>	6.71	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
32 31 19 00-0036	LF 3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts .....	84.13	13.59
	For Verticals Up To 2" On Center, Add	11.39	
	For Verticals >2" To 2-1/2" On Center, Add	5.69	
	For Verticals >3" To 4" On Center, Deduct	-5.69	
	For Verticals >4" To 6" On Center, Deduct	-11.39	
	For Pickets Extending Above Top Rail, Add	6.20	
	For Curved Pickets Extending Above Top Rail, Add	10.86	
	For Solid Pickets, Add	16.89	
	For Aluminum With Satin Finish, Add	13.00	
	For Third Rail, Add	4.27	
	For 1" Square x 14 Gauge Pickets, Add	14.23	
	For 3" Square Posts, Add	7.12	
32 31 19 00-0037	LF 4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts .....	89.06	15.03
	For Verticals Up To 2" On Center, Add	11.92	
	For Verticals >2" To 2-1/2" On Center, Add	5.96	
	For Verticals >3" To 4" On Center, Deduct	-5.96	
	For Verticals >4" To 6" On Center, Deduct	-11.92	
	For Pickets Extending Above Top Rail, Add	6.54	
	For Curved Pickets Extending Above Top Rail, Add	11.45	
	For Solid Pickets, Add	17.83	
	For Aluminum With Satin Finish, Add	13.46	
	For Third Rail, Add	4.47	
	For 1" Square x 14 Gauge Pickets, Add	14.90	
	For 3" Square Posts, Add	7.45	
32 31 19 00-0038	LF 5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts .....	95.08	16.88
	For Verticals Up To 2" On Center, Add	12.22	
	For Verticals >2" To 2-1/2" On Center, Add	6.11	
	For Verticals >3" To 4" On Center, Deduct	-6.11	
	For Verticals >4" To 6" On Center, Deduct	-12.22	
	For Pickets Extending Above Top Rail, Add	6.89	
	For Curved Pickets Extending Above Top Rail, Add	12.02	
	For Solid Pickets, Add	18.84	
	For Aluminum With Satin Finish, Add	13.23	
	For Third Rail, Add	4.58	
	For 1" Square x 14 Gauge Pickets, Add	15.27	
	For 3" Square Posts, Add	7.64	
32 31 19 00-0039	LF 6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts .....	110.16	19.08
	For Verticals Up To 2" On Center, Add	14.40	
	For Verticals >2" To 2-1/2" On Center, Add	7.20	
	For Verticals >3" To 4" On Center, Deduct	-7.20	
	For Verticals >4" To 6" On Center, Deduct	-14.40	
	For Pickets Extending Above Top Rail, Add	8.03	
	For Curved Pickets Extending Above Top Rail, Add	14.02	
	For Solid Pickets, Add	21.92	
	For Aluminum With Satin Finish, Add	15.88	
	For Third Rail, Add	5.40	
	For 1" Square x 14 Gauge Pickets, Add	18.00	
	For 3" Square Posts, Add	9.00	
32 31 19 00-0040	LF 7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	125.98	20.82
	For Verticals Up To 2" On Center, Add	16.87	
	For Verticals >2" To 2-1/2" On Center, Add	8.44	
	For Verticals >3" To 4" On Center, Deduct	-8.44	
	For Verticals >4" To 6" On Center, Deduct	-16.87	
	For Pickets Extending Above Top Rail, Add	9.25	
	For Curved Pickets Extending Above Top Rail, Add	16.20	
	For Solid Pickets, Add	25.22	
	For Aluminum With Satin Finish, Add	19.07	
	For Third Rail, Add	6.33	
	For 1" Square x 14 Gauge Pickets, Add	21.09	
	For 4" Square Posts, Add	29.53	
32 31 19 00-0041	LF 8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	142.04	22.67
	For Verticals Up To 2" On Center, Add	19.34	
	For Verticals >2" To 2-1/2" On Center, Add	9.67	
	For Verticals >3" To 4" On Center, Deduct	-9.67	
	For Verticals >4" To 6" On Center, Deduct	-19.34	
	For Pickets Extending Above Top Rail, Add	10.49	
	For Curved Pickets Extending Above Top Rail, Add	18.39	
	For Solid Pickets, Add	28.56	
	For Aluminum With Satin Finish, Add	22.22	
	For Third Rail, Add	7.25	
	For 1" Square x 14 Gauge Pickets, Add	24.18	
	For 4" Square Posts, Add	33.85	
32 31 19 00-0042	LF 9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	164.86	24.29
	For Verticals Up To 2" On Center, Add	23.26	
	For Verticals >2" To 2-1/2" On Center, Add	11.63	
	For Verticals >3" To 4" On Center, Deduct	-11.63	
	For Verticals >4" To 6" On Center, Deduct	-23.26	
	For Pickets Extending Above Top Rail, Add	12.31	
	For Curved Pickets Extending Above Top Rail, Add	21.67	
	For Solid Pickets, Add	33.45	
	For Aluminum With Satin Finish, Add	27.61	
	For Third Rail, Add	8.72	
	For 1" Square x 14 Gauge Pickets, Add	29.08	
	For 4" Square Posts, Add	40.71	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0043	LF	10'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	187.90	26.01
			For Verticals Up To 2" On Center, Add	27.17	
			For Verticals >2" To 2-1/2" On Center, Add	13.59	
			For Verticals >3" To 4" On Center, Deduct	-13.59	
			For Verticals >4" To 6" On Center, Deduct	-27.17	
			For Pickets Extending Above Top Rail, Add	14.15	
			For Curved Pickets Extending Above Top Rail, Add	24.96	
			For Solid Pickets, Add	38.38	
			For Aluminum With Satin Finish, Add	32.96	
			For Third Rail, Add	10.19	
			For 1" Square x 14 Gauge Pickets, Add	33.97	
			For 6" Square Posts, Add	47.55	
32 31 19 00-0044	LF	12'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	221.09	28.90
			For Verticals Up To 2" On Center, Add	32.66	
			For Verticals >2" To 2-1/2" On Center, Add	16.33	
			For Verticals >3" To 4" On Center, Deduct	-16.33	
			For Verticals >4" To 6" On Center, Deduct	-32.66	
			For Pickets Extending Above Top Rail, Add	16.77	
			For Curved Pickets Extending Above Top Rail, Add	29.64	
			For Solid Pickets, Add	45.41	
			For Aluminum With Satin Finish, Add	40.31	
			For Third Rail, Add	12.25	
			For 1" Square x 14 Gauge Pickets, Add	40.82	
			For 6" Square Posts, Add	57.15	
32 31 19 00-0045	LF	14'	Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	236.87	31.22
			For Verticals Up To 2" On Center, Add	34.89	
			For Verticals >2" To 2-1/2" On Center, Add	17.44	
			For Verticals >3" To 4" On Center, Deduct	-17.44	
			For Verticals >4" To 6" On Center, Deduct	-34.89	
			For Pickets Extending Above Top Rail, Add	17.95	
			For Curved Pickets Extending Above Top Rail, Add	31.72	
			For Solid Pickets, Add	48.61	
			For Aluminum With Satin Finish, Add	42.96	
			For Third Rail, Add	13.08	
			For 1" Square x 14 Gauge Pickets, Add	43.61	
			For 6" Square Posts, Add	61.05	
32 31 19 00-0046			Steel Tube Swing Gates <small>(32 31 19 00-0033)</small>		
32 31 19 00-0047			3' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0046)</small>		
32 31 19 00-0048	EA	3'	Wide x 3' High Steel Tube Single Swing Gate .....	732.00	24.62
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	159.15	
			For Aluminum With Satin Finish, Add	186.30	
			For Third Rail, Add	49.35	
			For 1" Square x 14 Gauge Pickets, Add	65.80	
32 31 19 00-0049	EA	3'-6"	Wide x 3' High Steel Tube Single Swing Gate.....	813.92	25.78
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	177.32	
			For Aluminum With Satin Finish, Add	209.32	
			For Third Rail, Add	55.23	
			For 1" Square x 14 Gauge Pickets, Add	73.65	
32 31 19 00-0050	EA	4'	Wide x 3' High Steel Tube Single Swing Gate .....	900.58	27.28
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	196.47	
			For Aluminum With Satin Finish, Add	233.23	
			For Third Rail, Add	61.39	
			For 1" Square x 14 Gauge Pickets, Add	81.85	
32 31 19 00-0051	EA	5'	Wide x 3' High Steel Tube Single Swing Gate .....	947.37	29.25
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	206.57	
			For Aluminum With Satin Finish, Add	244.67	
			For Third Rail, Add	64.46	
			For 1" Square x 14 Gauge Pickets, Add	85.95	
32 31 19 00-0052	EA	6'	Wide x 3' High Steel Tube Single Swing Gate .....	1,059.23	35.03
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	230.44	
			For Aluminum With Satin Finish, Add	270.42	
			For Third Rail, Add	71.55	
			For 1" Square x 14 Gauge Pickets, Add	95.40	
32 31 19 00-0053	EA	7'	Wide x 3' High Steel Tube Single Swing Gate .....	1,128.28	40.81
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	244.67	
			For Aluminum With Satin Finish, Add	283.33	
			For Third Rail, Add	75.43	
			For 1" Square x 14 Gauge Pickets, Add	100.57	
32 31 19 00-0054	EA	8'	Wide x 3' High Steel Tube Single Swing Gate .....	1,232.38	46.94
			Note: Includes mounting hardware and associated trim.		
			For Solid Pickets, Add	266.71	
			For Aluminum With Satin Finish, Add	306.24	
			For Third Rail, Add	81.85	
			For 1" Square x 14 Gauge Pickets, Add	109.13	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 19 00-0055	EA	9' Wide x 3' High Steel Tube Single Swing Gate .....		1,322.84	52.73
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		285.76	
		<i>For Aluminum With Satin Finish, Add</i>		325.57	
		<i>For Third Rail, Add</i>		87.33	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		116.44	
32 31 19 00-0056	EA	10' Wide x 3' High Steel Tube Single Swing Gate .....		1,402.59	58.51
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		302.40	
		<i>For Aluminum With Satin Finish, Add</i>		341.69	
		<i>For Third Rail, Add</i>		92.01	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		122.68	
32 31 19 00-0057	EA	6' Wide x 3' High Steel Tube Double Swing Gate .....		1,529.80	49.26
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		333.11	
		<i>For Aluminum With Satin Finish, Add</i>		392.34	
		<i>For Third Rail, Add</i>		103.64	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		138.18	
32 31 19 00-0058	EA	7' Wide x 3' High Steel Tube Double Swing Gate .....		1,629.65	51.57
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		355.05	
		<i>For Aluminum With Satin Finish, Add</i>		419.17	
		<i>For Third Rail, Add</i>		110.60	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		147.47	
32 31 19 00-0059	EA	8' Wide x 3' High Steel Tube Double Swing Gate .....		1,801.17	54.69
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		392.95	
		<i>For Aluminum With Satin Finish, Add</i>		466.47	
		<i>For Third Rail, Add</i>		122.77	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		163.70	
32 31 19 00-0060	EA	9' Wide x 3' High Steel Tube Double Swing Gate .....		1,887.18	56.66
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		411.87	
		<i>For Aluminum With Satin Finish, Add</i>		489.67	
		<i>For Third Rail, Add</i>		128.79	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		171.72	
32 31 19 00-0061	EA	10' Wide x 3' High Steel Tube Double Swing Gate .....		1,957.17	58.51
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		427.18	
		<i>For Aluminum With Satin Finish, Add</i>		508.06	
		<i>For Third Rail, Add</i>		133.61	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		178.14	
32 31 19 00-0062	EA	12' Wide x 3' High Steel Tube Double Swing Gate .....		2,204.06	70.07
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		480.13	
		<i>For Aluminum With Satin Finish, Add</i>		566.52	
		<i>For Third Rail, Add</i>		149.52	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		199.36	
32 31 19 00-0063	EA	14' Wide x 3' High Steel Tube Double Swing Gate .....		2,417.07	81.63
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		525.46	
		<i>For Aluminum With Satin Finish, Add</i>		614.81	
		<i>For Third Rail, Add</i>		162.90	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		217.19	
32 31 19 00-0064	EA	16' Wide x 3' High Steel Tube Double Swing Gate .....		2,596.71	94.00
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		563.10	
		<i>For Aluminum With Satin Finish, Add</i>		652.06	
		<i>For Third Rail, Add</i>		173.59	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		231.46	
32 31 19 00-0065	EA	18' Wide x 3' High Steel Tube Double Swing Gate .....		2,747.31	105.45
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		594.38	
		<i>For Aluminum With Satin Finish, Add</i>		681.63	
		<i>For Third Rail, Add</i>		182.29	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		243.05	
32 31 19 00-0066	EA	20' Wide x 3' High Steel Tube Double Swing Gate .....		2,871.16	117.02
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		619.65	
		<i>For Aluminum With Satin Finish, Add</i>		703.17	
		<i>For Third Rail, Add</i>		188.97	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		251.97	
32 31 19 00-0067		<b>4' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0046)</small>			
32 31 19 00-0068	EA	3' Wide x 4' High Steel Tube Single Swing Gate .....		844.82	23.13
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		184.23	
		<i>For Aluminum With Satin Finish, Add</i>		218.33	
		<i>For Third Rail, Add</i>		57.51	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		76.68	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0069	EA		3'-6" Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	913.68	26.94
			<i>For Solid Pickets, Add</i>	199.51	
			<i>For Aluminum With Satin Finish, Add</i>	237.69	
			<i>For Third Rail, Add</i>	62.46	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	83.28	
32 31 19 00-0070	EA		4' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	985.45	28.90
			<i>For Solid Pickets, Add</i>	215.22	
			<i>For Aluminum With Satin Finish, Add</i>	256.61	
			<i>For Third Rail, Add</i>	67.40	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	89.87	
32 31 19 00-0071	EA		5' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,044.73	30.75
			<i>For Solid Pickets, Add</i>	228.13	
			<i>For Aluminum With Satin Finish, Add</i>	271.79	
			<i>For Third Rail, Add</i>	71.42	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	95.22	
32 31 19 00-0072	EA		6' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,127.42	37.00
			<i>For Solid Pickets, Add</i>	245.34	
			<i>For Aluminum With Satin Finish, Add</i>	288.28	
			<i>For Third Rail, Add</i>	76.23	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	101.64	
32 31 19 00-0073	EA		7' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,238.65	43.13
			<i>For Solid Pickets, Add</i>	268.98	
			<i>For Aluminum With Satin Finish, Add</i>	313.32	
			<i>For Third Rail, Add</i>	83.19	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	110.92	
32 31 19 00-0074	EA		8' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,390.89	49.26
			<i>For Solid Pickets, Add</i>	301.85	
			<i>For Aluminum With Satin Finish, Add</i>	350.67	
			<i>For Third Rail, Add</i>	93.22	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	124.29	
32 31 19 00-0075	EA		9' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,539.56	55.50
			<i>For Solid Pickets, Add</i>	333.91	
			<i>For Aluminum With Satin Finish, Add</i>	386.94	
			<i>For Third Rail, Add</i>	102.98	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	137.31	
32 31 19 00-0076	EA		10' Wide x 4' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,681.10	61.63
			<i>For Solid Pickets, Add</i>	364.37	
			<i>For Aluminum With Satin Finish, Add</i>	421.08	
			<i>For Third Rail, Add</i>	112.21	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	149.61	
32 31 19 00-0077	EA		6' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,689.65	52.03
			<i>For Solid Pickets, Add</i>	368.46	
			<i>For Aluminum With Satin Finish, Add</i>	436.65	
			<i>For Third Rail, Add</i>	115.02	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	153.36	
32 31 19 00-0078	EA		7' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,827.39	53.88
			<i>For Solid Pickets, Add</i>	399.02	
			<i>For Aluminum With Satin Finish, Add</i>	475.37	
			<i>For Third Rail, Add</i>	124.91	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	166.55	
32 31 19 00-0079	EA		8' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,970.90	57.81
			<i>For Solid Pickets, Add</i>	430.45	
			<i>For Aluminum With Satin Finish, Add</i>	513.23	
			<i>For Third Rail, Add</i>	134.81	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	179.75	
32 31 19 00-0080	EA		9' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,083.68	59.66
			<i>For Solid Pickets, Add</i>	455.39	
			<i>For Aluminum With Satin Finish, Add</i>	544.46	
			<i>For Third Rail, Add</i>	142.83	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	190.45	
32 31 19 00-0081	EA		10' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,178.62	61.63
			<i>For Solid Pickets, Add</i>	476.31	
			<i>For Aluminum With Satin Finish, Add</i>	570.34	
			<i>For Third Rail, Add</i>	149.52	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	199.36	
32 31 19 00-0082	EA		12' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,474.18	73.88
			<i>For Solid Pickets, Add</i>	540.04	
			<i>For Aluminum With Satin Finish, Add</i>	642.35	
			<i>For Third Rail, Add</i>	168.91	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	225.22	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0083	EA	14' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,734.08 595.74 703.67 185.63 247.51	86.25
32 31	19 00-0084	EA	16' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,960.10 643.82 754.83 199.81 266.41	98.51
32 31	19 00-0085	EA	18' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,155.81 685.08 796.89 211.71 282.28	110.89
32 31	19 00-0086	EA	20' Wide x 4' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,322.98 719.92 830.39 221.47 295.30	123.25
<b>32 31 19 00-0087 5' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0046)</b>					
32 31	19 00-0088	EA	3' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	919.03 200.71 239.29 62.86 83.81	26.94
32 31	19 00-0089	EA	3'-6" Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	969.40 211.61 251.80 66.20 88.27	28.90
32 31	19 00-0090	EA	4' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,017.98 222.11 263.77 69.41 92.55	30.75
32 31	19 00-0091	EA	5' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,087.96 237.42 282.16 74.23 98.97	32.72
32 31	19 00-0092	EA	6' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,184.29 257.62 302.21 79.98 106.64	39.31
32 31	19 00-0093	EA	7' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,310.94 284.64 331.37 88.00 117.34	45.79
32 31	19 00-0094	EA	8' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,486.89 322.67 374.78 99.64 132.85	52.73
32 31	19 00-0095	EA	9' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,658.12 359.72 417.31 111.00 148.01	59.32
32 31	19 00-0096	EA	10' Wide x 5' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,825.78 395.97 458.76 122.10 162.81	65.79





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0097 EA 6' Wide x 5' High Steel Tube Double Swing Gate .....	1,805.94	45.44
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	396.61	
<i>For Aluminum With Satin Finish, Add</i>	483.40	
<i>For Third Rail, Add</i>	125.72	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	167.62	
32 31 19 00-0098 EA 7' Wide x 5' High Steel Tube Double Swing Gate .....	1,914.93	52.96
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	419.51	
<i>For Aluminum With Satin Finish, Add</i>	506.37	
<i>For Third Rail, Add</i>	132.27	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	176.36	
32 31 19 00-0099 EA 8' Wide x 5' High Steel Tube Double Swing Gate .....	2,025.20	60.94
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	442.60	
<i>For Aluminum With Satin Finish, Add</i>	529.15	
<i>For Third Rail, Add</i>	138.82	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	185.10	
32 31 19 00-0100 EA 9' Wide x 5' High Steel Tube Double Swing Gate .....	2,175.22	68.57
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	474.73	
<i>For Aluminum With Satin Finish, Add</i>	564.42	
<i>For Third Rail, Add</i>	148.45	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	197.94	
32 31 19 00-0101 EA 10' Wide x 5' High Steel Tube Double Swing Gate .....	2,307.40	76.08
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	502.85	
<i>For Aluminum With Satin Finish, Add</i>	594.35	
<i>For Third Rail, Add</i>	156.74	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	208.99	
32 31 19 00-0102 EA 12' Wide x 5' High Steel Tube Double Swing Gate .....	2,625.80	84.63
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	572.68	
<i>For Aluminum With Satin Finish, Add</i>	678.99	
<i>For Third Rail, Add</i>	178.81	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	238.41	
32 31 19 00-0103 EA 14' Wide x 5' High Steel Tube Double Swing Gate .....	2,912.85	93.89
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	635.26	
<i>For Aluminum With Satin Finish, Add</i>	753.09	
<i>For Third Rail, Add</i>	198.34	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	264.45	
32 31 19 00-0104 EA 16' Wide x 5' High Steel Tube Double Swing Gate .....	3,170.36	104.18
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	691.01	
<i>For Aluminum With Satin Finish, Add</i>	817.18	
<i>For Third Rail, Add</i>	215.46	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	287.27	
32 31 19 00-0105 EA 18' Wide x 5' High Steel Tube Double Swing Gate .....	3,403.14	115.74
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	740.90	
<i>For Aluminum With Satin Finish, Add</i>	872.13	
<i>For Third Rail, Add</i>	230.43	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	307.25	
32 31 19 00-0106 EA 20' Wide x 5' High Steel Tube Double Swing Gate .....	3,611.21	128.69
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	784.95	
<i>For Aluminum With Satin Finish, Add</i>	917.96	
<i>For Third Rail, Add</i>	243.27	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	324.36	
<b>32 31 19 00-0107 6' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0046)</small>		
32 31 19 00-0108 EA 3' Wide x 6' High Steel Tube Single Swing Gate .....	957.45	29.60
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	208.75	
<i>For Aluminum With Satin Finish, Add</i>	247.17	
<i>For Third Rail, Add</i>	65.13	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	86.84	
32 31 19 00-0109 EA 3'-6" Wide x 6' High Steel Tube Single Swing Gate .....	1,006.66	31.22
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	219.47	
<i>For Aluminum With Satin Finish, Add</i>	259.85	
<i>For Third Rail, Add</i>	68.48	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	91.30	
32 31 19 00-0110 EA 4' Wide x 6' High Steel Tube Single Swing Gate .....	1,056.69	32.95
Note: Includes mounting hardware and associated trim.		
<i>For Solid Pickets, Add</i>	230.32	
<i>For Aluminum With Satin Finish, Add</i>	272.41	
<i>For Third Rail, Add</i>	71.82	
<i>For 1" Square x 14 Gauge Pickets, Add</i>	95.76	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 19 00-0111	EA	5' Wide x 6' High Steel Tube Single Swing Gate .....		1,118.09	35.03
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		243.68	
		<i>For Aluminum With Satin Finish, Add</i>		288.07	
		<i>For Third Rail, Add</i>		75.96	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		101.29	
32 31 19 00-0112	EA	6' Wide x 6' High Steel Tube Single Swing Gate .....		1,255.95	42.32
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		273.05	
		<i>For Aluminum With Satin Finish, Add</i>		319.55	
		<i>For Third Rail, Add</i>		84.66	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		112.88	
32 31 19 00-0113	EA	7' Wide x 6' High Steel Tube Single Swing Gate .....		1,402.74	49.72
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		304.43	
		<i>For Aluminum With Satin Finish, Add</i>		353.70	
		<i>For Third Rail, Add</i>		94.02	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		125.36	
32 31 19 00-0114	EA	8' Wide x 6' High Steel Tube Single Swing Gate .....		1,566.21	56.66
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		339.65	
		<i>For Aluminum With Satin Finish, Add</i>		393.38	
		<i>For Third Rail, Add</i>		104.72	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		139.63	
32 31 19 00-0115	EA	9' Wide x 6' High Steel Tube Single Swing Gate .....		1,723.71	63.94
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		373.44	
		<i>For Aluminum With Satin Finish, Add</i>		430.74	
		<i>For Third Rail, Add</i>		114.88	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		153.18	
32 31 19 00-0116	EA	10' Wide x 6' High Steel Tube Single Swing Gate .....		1,915.06	71.23
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		414.85	
		<i>For Aluminum With Satin Finish, Add</i>		478.27	
		<i>For Third Rail, Add</i>		127.59	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		170.12	
32 31 19 00-0117	EA	6' Wide x 6' High Steel Tube Double Swing Gate .....		1,876.75	49.03
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		411.78	
		<i>For Aluminum With Satin Finish, Add</i>		500.07	
		<i>For Third Rail, Add</i>		130.26	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		173.68	
32 31 19 00-0118	EA	7' Wide x 6' High Steel Tube Double Swing Gate .....		1,990.08	57.47
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		435.46	
		<i>For Aluminum With Satin Finish, Add</i>		523.19	
		<i>For Third Rail, Add</i>		136.95	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		182.60	
32 31 19 00-0119	EA	8' Wide x 6' High Steel Tube Double Swing Gate .....		2,102.12	65.45
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		458.96	
		<i>For Aluminum With Satin Finish, Add</i>		546.50	
		<i>For Third Rail, Add</i>		143.64	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		191.52	
32 31 19 00-0120	EA	9' Wide x 6' High Steel Tube Double Swing Gate .....		2,236.85	73.88
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		487.46	
		<i>For Aluminum With Satin Finish, Add</i>		576.05	
		<i>For Third Rail, Add</i>		151.93	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		202.57	
32 31 19 00-0121	EA	10' Wide x 6' High Steel Tube Double Swing Gate .....		2,446.47	82.32
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		532.81	
		<i>For Aluminum With Satin Finish, Add</i>		628.06	
		<i>For Third Rail, Add</i>		165.84	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		221.12	
32 31 19 00-0122	EA	12' Wide x 6' High Steel Tube Double Swing Gate .....		2,867.27	91.69
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		625.49	
		<i>For Aluminum With Satin Finish, Add</i>		742.28	
		<i>For Third Rail, Add</i>		195.39	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		260.53	
32 31 19 00-0123	EA	14' Wide x 6' High Steel Tube Double Swing Gate .....		3,004.78	102.44
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		654.14	
		<i>For Aluminum With Satin Finish, Add</i>		769.80	
		<i>For Third Rail, Add</i>		203.42	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		271.23	
32 31 19 00-0124	EA	16' Wide x 6' High Steel Tube Double Swing Gate .....		3,299.98	114.01
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		718.08	
		<i>For Aluminum With Satin Finish, Add</i>		843.47	
		<i>For Third Rail, Add</i>		223.08	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		297.44	



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0125	EA	18' Wide x 6' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,572.25 776.57 908.55 240.73 320.98	126.84
32 31	19 00-0126	EA	20' Wide x 6' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,826.42 830.61 965.92 256.65 342.20	141.52
<b>32 31</b>	<b>19 00-0127</b>		<b>7' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0046)</small>		
32 31	19 00-0128	EA	3' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,014.67 221.08 261.06 68.88 91.84	32.02
32 31	19 00-0129	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,066.11 232.27 274.20 72.35 96.47	33.76
32 31	19 00-0130	EA	4' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,117.80 243.50 287.31 75.83 101.11	35.49
32 31	19 00-0131	EA	5' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,169.60 254.75 300.41 79.31 105.74	37.34
32 31	19 00-0132	EA	6' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,354.36 294.50 344.91 91.34 121.79	45.44
32 31	19 00-0133	EA	7' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,523.71 330.87 385.31 102.31 136.42	53.19
32 31	19 00-0134	EA	8' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,647.85 356.98 411.63 109.80 146.40	61.17
32 31	19 00-0135	EA	9' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,788.67 386.93 443.46 118.63 158.17	68.92
32 31	19 00-0136	EA	10' Wide x 7' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,960.95 423.87 484.22 129.73 172.97	77.00
32 31	19 00-0137	EA	6' Wide x 7' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,986.78 435.77 528.50 137.75 183.67	52.49
32 31	19 00-0138	EA	7' Wide x 7' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,104.93 460.45 552.50 144.71 192.94	61.40

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 19 00-0139	EA	8' Wide x 7' High Steel Tube Double Swing Gate .....		2,224.38	70.77
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		485.32	
		<i>For Aluminum With Satin Finish, Add</i>		576.31	
		<i>For Third Rail, Add</i>		151.66	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		202.22	
32 31 19 00-0140	EA	9' Wide x 7' High Steel Tube Double Swing Gate .....		2,344.32	79.66
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		510.40	
		<i>For Aluminum With Satin Finish, Add</i>		600.85	
		<i>For Third Rail, Add</i>		158.75	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		211.67	
32 31 19 00-0141	EA	10' Wide x 7' High Steel Tube Double Swing Gate .....		2,640.30	89.03
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		574.99	
		<i>For Aluminum With Satin Finish, Add</i>		677.62	
		<i>For Third Rail, Add</i>		178.94	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		238.59	
32 31 19 00-0142	EA	12' Wide x 7' High Steel Tube Double Swing Gate .....		3,188.46	99.32
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		696.13	
		<i>For Aluminum With Satin Finish, Add</i>		828.90	
		<i>For Third Rail, Add</i>		217.86	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		290.48	
32 31 19 00-0143	EA	14' Wide x 7' High Steel Tube Double Swing Gate .....		3,158.60	111.35
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		686.84	
		<i>For Aluminum With Satin Finish, Add</i>		804.50	
		<i>For Third Rail, Add</i>		213.05	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		284.06	
32 31 19 00-0144	EA	16' Wide x 7' High Steel Tube Double Swing Gate .....		3,423.75	124.18
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		743.73	
		<i>For Aluminum With Satin Finish, Add</i>		867.44	
		<i>For Third Rail, Add</i>		230.17	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		306.89	
32 31 19 00-0145	EA	18' Wide x 7' High Steel Tube Double Swing Gate .....		3,740.33	138.86
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		811.81	
		<i>For Aluminum With Satin Finish, Add</i>		943.53	
		<i>For Third Rail, Add</i>		250.76	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		334.35	
32 31 19 00-0146	EA	20' Wide x 7' High Steel Tube Double Swing Gate .....		3,951.95	154.94
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		855.99	
		<i>For Aluminum With Satin Finish, Add</i>		986.41	
		<i>For Third Rail, Add</i>		263.20	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		350.93	
<b>32 31 19 00-0147</b>		<b>8' Fence Height Steel Tube Swing Gates, 2 Rail</b> <small>(32 31 19 00-0046)</small>			
32 31 19 00-0148	EA	3' Wide x 8' High Steel Tube Single Swing Gate .....		1,102.65	34.68
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		240.29	
		<i>For Aluminum With Satin Finish, Add</i>		283.97	
		<i>For Third Rail, Add</i>		74.89	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		99.86	
32 31 19 00-0149	EA	3'-6" Wide x 8' High Steel Tube Single Swing Gate .....		1,156.59	36.53
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		251.99	
		<i>For Aluminum With Satin Finish, Add</i>		297.54	
		<i>For Third Rail, Add</i>		78.51	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		104.67	
32 31 19 00-0150	EA	4' Wide x 8' High Steel Tube Single Swing Gate .....		1,214.08	38.50
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		264.50	
		<i>For Aluminum With Satin Finish, Add</i>		312.19	
		<i>For Third Rail, Add</i>		82.38	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		109.85	
32 31 19 00-0151	EA	5' Wide x 8' High Steel Tube Single Swing Gate .....		1,266.60	42.90
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		275.32	
		<i>For Aluminum With Satin Finish, Add</i>		321.97	
		<i>For Third Rail, Add</i>		85.33	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		113.77	
32 31 19 00-0152	EA	6' Wide x 8' High Steel Tube Single Swing Gate .....		1,497.35	48.56
		Note: Includes mounting hardware and associated trim.			
		<i>For Solid Pickets, Add</i>		325.98	
		<i>For Aluminum With Satin Finish, Add</i>		383.65	
		<i>For Third Rail, Add</i>		101.38	
		<i>For 1" Square x 14 Gauge Pickets, Add</i>		135.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0153 EA 7' Wide x 8' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,668.28	58.51
For Solid Pickets, Add	362.18	
For Aluminum With Satin Finish, Add	421.40	
For Third Rail, Add	111.94	
For 1" Square x 14 Gauge Pickets, Add	149.25	
32 31 19 00-0154 EA 8' Wide x 8' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,745.34	68.11
For Solid Pickets, Add	377.35	
For Aluminum With Satin Finish, Add	431.51	
For Third Rail, Add	115.55	
For 1" Square x 14 Gauge Pickets, Add	154.07	
32 31 19 00-0155 EA 9' Wide x 8' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,873.48	78.16
For Solid Pickets, Add	403.93	
For Aluminum With Satin Finish, Add	456.42	
For Third Rail, Add	122.91	
For 1" Square x 14 Gauge Pickets, Add	163.88	
32 31 19 00-0156 EA 10' Wide x 8' High Steel Tube Single Swing Gate ..... Note: Includes mounting hardware and associated trim.	1,985.56	88.22
For Solid Pickets, Add	426.89	
For Aluminum With Satin Finish, Add	476.52	
For Third Rail, Add	129.06	
For 1" Square x 14 Gauge Pickets, Add	172.08	
32 31 19 00-0157 EA 6' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,159.23	56.08
For Solid Pickets, Add	473.81	
For Aluminum With Satin Finish, Add	575.65	
For Third Rail, Add	149.92	
For 1" Square x 14 Gauge Pickets, Add	199.90	
32 31 19 00-0158 EA 7' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,292.15	67.64
For Solid Pickets, Add	501.23	
For Aluminum With Satin Finish, Add	600.65	
For Third Rail, Add	157.41	
For 1" Square x 14 Gauge Pickets, Add	209.88	
32 31 19 00-0159 EA 8' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,422.02	78.74
For Solid Pickets, Add	528.07	
For Aluminum With Satin Finish, Add	625.30	
For Third Rail, Add	164.77	
For 1" Square x 14 Gauge Pickets, Add	219.69	
32 31 19 00-0160 EA 9' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,531.77	90.42
For Solid Pickets, Add	550.28	
For Aluminum With Satin Finish, Add	643.35	
For Third Rail, Add	170.52	
For 1" Square x 14 Gauge Pickets, Add	227.36	
32 31 19 00-0161 EA 10' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	2,941.10	101.98
For Solid Pickets, Add	639.90	
For Aluminum With Satin Finish, Add	751.26	
For Third Rail, Add	198.74	
For 1" Square x 14 Gauge Pickets, Add	264.98	
32 31 19 00-0162 EA 12' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	3,660.94	114.82
For Solid Pickets, Add	799.10	
For Aluminum With Satin Finish, Add	950.62	
For Third Rail, Add	249.96	
For 1" Square x 14 Gauge Pickets, Add	333.28	
32 31 19 00-0163 EA 14' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	3,356.97	129.50
For Solid Pickets, Add	727.56	
For Aluminum With Satin Finish, Add	840.54	
For Third Rail, Add	224.01	
For 1" Square x 14 Gauge Pickets, Add	298.69	
32 31 19 00-0164 EA 16' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	3,597.89	146.50
For Solid Pickets, Add	778.14	
For Aluminum With Satin Finish, Add	891.07	
For Third Rail, Add	238.46	
For 1" Square x 14 Gauge Pickets, Add	317.95	
32 31 19 00-0165 EA 18' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	3,966.93	165.12
For Solid Pickets, Add	857.17	
For Aluminum With Satin Finish, Add	977.74	
For Third Rail, Add	262.13	
For 1" Square x 14 Gauge Pickets, Add	349.51	
32 31 19 00-0166 EA 20' Wide x 8' High Steel Tube Double Swing Gate ..... Note: Includes mounting hardware and associated trim.	4,055.24	186.04
For Solid Pickets, Add	872.56	
For Aluminum With Satin Finish, Add	977.33	
For Third Rail, Add	264.27	
For 1" Square x 14 Gauge Pickets, Add	352.36	



**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>32 31 19 00-0167</b>	<b>Replace Steel Tube Fence Pickets</b> <small>(32 31 19 00-0033)</small>		
32 31 19 00-0168	LF Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket <i>For 1" Square x 14 Gauge Pickets, Add</i>	32.29	0.92
<b>32 31 19 00-0169</b>	<b>Ornamental Powder Coated Chicago Fencing</b> <small>(32 31 19)</small>		
	Note: Conforming to the City Of Chicago Fencing Specifications. Prices includes furnishing and complete installation of all posts. Includes a 15 year warranty against any defects for fence and all its components.		
<b>32 31 19 00-0170</b>	<b>Fencing</b> <small>(32 31 19 00-0169)</small>		
32 31 19 00-0171	LF City Of Chicago Tree Pit Railing, Type A	129.16	
32 31 19 00-0172	LF City Of Chicago, Type A 4'	163.89	
32 31 19 00-0173	LF City Of Chicago, Type A 5'	182.92	
32 31 19 00-0174	LF City Of Chicago, Type A 6'	205.78	
32 31 19 00-0175	LF City Of Chicago, Type A 8'	252.26	
32 31 19 00-0176	LF City Of Chicago, Tree Pit Railing, Type B	147.59	
32 31 19 00-0177	LF City Of Chicago, Type B 18"	99.48	
32 31 19 00-0178	LF City Of Chicago, Type B 30"	154.88	
32 31 19 00-0179	LF City Of Chicago, Type B 4'	175.30	
32 31 19 00-0180	LF City Of Chicago, Type B 5'	182.17	
32 31 19 00-0181	LF City Of Chicago, Type B 6'	205.03	
32 31 19 00-0182	LF City Of Chicago, Type B 8'	251.48	
<b>32 31 19 00-0183</b>	<b>Gates</b> <small>(32 31 19 00-0169)</small>		
32 31 19 00-0184	EA City Of Chicago, Type A 4' x 4' Gate	1,305.01	
32 31 19 00-0185	EA City Of Chicago, Type A 4' x 6' Double Gate	1,962.42	
32 31 19 00-0186	EA City Of Chicago, Type A 4' x 8' Double Gate	2,602.35	
32 31 19 00-0187	EA City Of Chicago, Type A 5' x 4' Gate	1,587.63	
32 31 19 00-0188	EA City Of Chicago, Type A 5' x 6' Double Gate	2,154.40	
32 31 19 00-0189	EA City Of Chicago, Type A 5' x 8' Double Gate	2,823.77	
32 31 19 00-0190	EA City Of Chicago, Type A 6' x 4' Gate	1,543.91	
32 31 19 00-0191	EA City Of Chicago, Type A 6' x 6' Double Gate	2,239.73	
32 31 19 00-0192	EA City Of Chicago, Type A 6' x 8' Double Gate	2,934.51	
32 31 19 00-0193	EA City Of Chicago, Type A 8' x 4' Gate	1,814.10	
32 31 19 00-0194	EA City Of Chicago, Type A 8' x 6' Double Gate	2,619.59	
32 31 19 00-0195	EA City Of Chicago, Type A 8' x 8' Double Gate	3,425.11	
32 31 19 00-0196	EA City Of Chicago, Type B 4' x 4' Gate	1,320.46	
32 31 19 00-0197	EA City Of Chicago, Type B 4' x 6' Double Gate	1,955.29	
32 31 19 00-0198	EA City Of Chicago, Type B 4' x 8' Double Gate	2,590.15	
32 31 19 00-0199	EA City Of Chicago, Type B 5' x 4' Gate	1,378.19	
32 31 19 00-0200	EA City Of Chicago, Type B 5' x 6' Double Gate	1,838.16	
32 31 19 00-0201	EA City Of Chicago, Type B 5' x 8' Double Gate	2,446.79	
32 31 19 00-0202	EA City Of Chicago, Type B 6' x 4' Gate	1,297.86	
32 31 19 00-0203	EA City Of Chicago, Type B 6' x 6' Double Gate	2,224.49	
32 31 19 00-0204	EA City Of Chicago, Type B 6' x 8' Double Gate	2,915.19	
32 31 19 00-0205	EA City Of Chicago, Type B 8' x 4' Gate	1,798.88	
32 31 19 00-0206	EA City Of Chicago, Type B 8' x 6' Double Gate	2,596.26	
32 31 19 00-0207	EA City Of Chicago, Type B 8' x 8' Double Gate	3,394.63	
<b>32 31 19 00-0208</b>	<b>Other</b> <small>(32 31 19 00-0169)</small>		
32 31 19 00-0209	EA Ornamental Hanger Planters	625.16	
32 31 19 00-0210	EA Driven 8" "I" Beam Bollards Conforming To City Of Chicago Specifications Note: For augering and/or concrete installation, add appropriate tasks.	317.63	
<b>32 31 19 00-0211</b>	<b>Removal And Reinstallation Of Ornamental Fences</b> <small>(32 31 19)</small>		
	Note: Including storage and cleaning. Excludes augering and concrete.		
32 31 19 00-0212	LF Removal And Reinstallation Of Ornamental Fence Up To 5' Height	52.03	
32 31 19 00-0213	LF Removal And Reinstallation Of Ornamental Fence, 6' Height	57.24	
32 31 19 00-0214	LF Removal And Reinstallation Of Ornamental Fence, 7' Height	62.44	
32 31 19 00-0215	LF Removal And Reinstallation Of Ornamental Fence, 8' Height	67.64	
32 31 19 00-0216	LF Removal And Reinstallation Of Ornamental Fence, 9' Height	72.84	
32 31 19 00-0217	LF Removal And Reinstallation Of Ornamental Fence, 10' Height	78.04	
32 31 19 00-0218	LF Removal And Reinstallation Of Ornamental Fence 12' Height	86.72	
<b>32 31 26</b>	<b>Wire Fences and Gates</b> <small>(32 31)</small>		
<b>32 31 26 13</b>	<b>Wire Fences with Steel Posts</b> <small>(32 31 26)</small>		
<b>32 31 26 13-0001</b>	<b>Chicken Wire</b> <small>(32 31 26 13)</small>		
	Note: Posts at 4'.		
32 31 26 13-0002	LF 4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'	9.71	2.13
32 31 26 13-0003	LF 6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'	10.66	2.13
<b>32 31 26 13-0004</b>	<b>Wire And Screen</b> <small>(32 31 26 13)</small>		
<b>32 31 26 13-0005</b>	<b>Wire And Screen For Partitions And Fences</b> <small>(32 31 26 13-0004)</small>		
	Note: Excludes framing and post.		



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 26	13-0006		<b>Screen Wire</b> <small>(32 31 26 13-0005)</small>		
	32 31 26 13-0007	LF	Screen Wire, 48" Wide Rolls.....	14.41	1.20
32 31 26	13-0008		<b>Hog Wire</b> <small>(32 31 26 13-0005)</small>		
	32 31 26 13-0009	SF	4" x 4" Hog Wire For Fencing.....	2.49	0.95
	32 31 26 13-0010	SF	6" x 6" Hog Wire For Fencing.....	2.61	1.08
32 31 26	13-0011		<b>Non-Climb Horse Fence</b> <small>(32 31 26 13-0005)</small>		
	32 31 26 13-0012	LF	4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	11.20	3.83
	32 31 26 13-0013	LF	5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	14.38	4.79
	32 31 26 13-0014	LF	6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	18.08	5.74
32 31 26	13-0015		<b>Screen For Partitions And Ceilings</b> <small>(32 31 26 13-0004)</small>		
			Note: Can be used to support insulation on walls and ceilings.		
	32 31 26 13-0016	SF	1" Mesh Chicken Wire.....	2.49	0.68
32 31 26	13-0017		<b>Wicket Fence</b> <small>(32 31 26 13)</small>		
	32 31 26 13-0018	LF	Steel Wicket Fence, Painted.....	94.49	6.40
<b>32 31 29</b>			<b>Wood Fences and Gates</b> <small>(32 31)</small>		
			See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29	00-0001		<b>Basket Weave</b> <small>(32 31 29)</small>		
			Note: 3/8" x 4" boards, 4" x 4" post		
	32 31 29 00-0002	LF	6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post.....	46.87	4.24
			For Fastening With Screws Instead Of Nails, Add	2.79	
	32 31 29 00-0003	LF	6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post.....	31.90	4.24
			For Fastening With Screws Instead Of Nails, Add	2.07	
32 31 29	00-0004		<b>Board Fence</b> <small>(32 31 29)</small>		
			Note: 1x4" board, 2x4" rail, 4x4" post.		
	32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence.....	31.35	4.24
			For 1" x 6" Boards, Deduct	-3.41	
			For 1" x 3" Boards (Stockade Top), Add	4.27	
			For Fastening With Screws Instead Of Nails, Add	2.06	
	32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence.....	34.79	4.24
			For 1" x 6" Boards, Deduct	-3.70	
			For 1" x 3" Boards (Stockade Top), Add	4.62	
			For Fastening With Screws Instead Of Nails, Add	2.26	
	32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence.....	38.64	4.24
			For 1" x 6" Boards, Deduct	-3.95	
			For 1" x 3" Boards (Stockade Top), Add	4.87	
			For Fastening With Screws Instead Of Nails, Add	2.48	
	32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence.....	41.19	4.24
			For 1" x 6" Boards, Deduct	-4.14	
			For 1" x 3" Boards (Stockade Top), Add	5.09	
			For Fastening With Screws Instead Of Nails, Add	2.63	
	32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence.....	43.93	4.24
			For 1" x 6" Boards, Deduct	-4.35	
			For 1" x 3" Boards (Stockade Top), Add	5.32	
			For Fastening With Screws Instead Of Nails, Add	2.79	
	32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence.....	33.34	4.24
			For 1" x 6" Boards, Deduct	-3.49	
			For 1" x 3" Boards (Stockade Top), Add	4.33	
			For Fastening With Screws Instead Of Nails, Add	2.16	
	32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence.....	36.32	4.24
			For 1" x 6" Boards, Deduct	-3.76	
			For 1" x 3" Boards (Stockade Top), Add	4.66	
			For Fastening With Screws Instead Of Nails, Add	2.34	
	32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence.....	38.64	4.24
			For 1" x 6" Boards, Deduct	-3.95	
			For 1" x 3" Boards (Stockade Top), Add	4.87	
			For Fastening With Screws Instead Of Nails, Add	2.48	
	32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence.....	41.19	4.24
			For 1" x 6" Boards, Deduct	-4.14	
			For 1" x 3" Boards (Stockade Top), Add	5.09	
			For Fastening With Screws Instead Of Nails, Add	2.63	
	32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence.....	43.93	4.24
			For 1" x 6" Boards, Deduct	-4.35	
			For 1" x 3" Boards (Stockade Top), Add	5.32	
			For Fastening With Screws Instead Of Nails, Add	2.79	
	32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence.....	33.34	4.24
			For 1" x 6" Boards, Deduct	-3.49	
			For 1" x 3" Boards (Stockade Top), Add	4.33	
			For Fastening With Screws Instead Of Nails, Add	2.16	

**32 Exterior Improvements****32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0016	LF		Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence ..... <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	43.11 -4.04 4.87 2.68	4.24
32 31 29 00-0017	LF		Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence ..... <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	45.15 -4.21 5.06 2.80	4.24
32 31 29 00-0018	LF		Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence ..... <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	48.47 -4.44 5.31 2.99	4.24
32 31 29 00-0019	LF		Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence ..... <i>For 1" x 6" Boards, Deduct</i> <i>For 1" x 3" Boards (Stockade Top), Add</i> <i>For Fastening With Screws Instead Of Nails, Add</i>	52.05 -4.67 5.57 3.19	4.24
<b>32 31 29 00-0020</b>			<b>Shadow Box</b> <small>(32 31 29)</small> Note: 1x6" board, 2x4" Rail, 4x4" post.		
32 31 29 00-0021	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine ..... <i>For Fastening With Screws Instead Of Nails, Add</i>	64.16 3.65	4.24
32 31 29 00-0022	LF		Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar ..... <i>For Fastening With Screws Instead Of Nails, Add</i>	80.44 4.55	4.24
32 31 29 00-0023	LF		Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar ..... <i>For Fastening With Screws Instead Of Nails, Add</i>	87.51 4.92	4.24
32 31 29 00-0024	LF		Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar ..... <i>For Fastening With Screws Instead Of Nails, Add</i>	94.02 5.29	4.24
<b>32 31 29 00-0025</b>			<b>Open Rail Fence</b> <small>(32 31 29)</small>		
<b>32 31 29 00-0026</b>			<b>Post And Rail Fence, Ranch Style</b> <small>(32 31 29 00-0025)</small>		
32 31 29 00-0027	LF		Post And Rail Fence, 2 Rails, 3' High #1 Cedar.....	31.14	4.24
32 31 29 00-0028	LF		Post And Rail Fence, 2 Rails, 3' High #2 Cedar.....	24.83	4.24
32 31 29 00-0029	LF		Post And Rail Fence, 3 Rails, 4' High #1 Cedar.....	36.62	4.24
32 31 29 00-0030	LF		Post And Rail Fence, 3 Rails, 4' High #2 Cedar.....	26.78	4.24
<b>32 31 29 00-0031</b>			<b>Split Rail Fence</b> <small>(32 31 29 00-0025)</small>		
32 31 29 00-0032	LF		Split Rail Fence, 2 Rails, 3' High #1 Cedar.....	29.52	4.24
32 31 29 00-0033	LF		Split Rail Fence, 2 Rails, 3' High #2 Cedar.....	24.76	4.24
32 31 29 00-0034	LF		Split Rail Fence, 3 Rail, 4' High #1 Cedar.....	33.52	4.24
32 31 29 00-0035	LF		Split Rail Fence, 3 Rail, 4' High #2 Cedar.....	27.70	4.24
<b>32 31 29 00-0036</b>			<b>Picket Fence</b> <small>(32 31 29)</small>		
32 31 29 00-0037	LF		Picket Fence, 2 Rail, 3' High, Pressure Treated..... <i>For Fastening With Screws Instead Of Nails, Add</i>	35.59 2.29	4.24
32 31 29 00-0038	LF		Picket Fence, 2 Rail, 3' High #1 Cedar..... <i>For Fastening With Screws Instead Of Nails, Add</i>	33.42 2.18	4.24
<b>32 31 29 00-0039</b>			<b>Wood Fence Post Accessories</b> <small>(32 31 29)</small>		
32 31 29 00-0040	EA		3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	50.31	
32 31 29 00-0041	EA		4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	56.07	
32 31 29 00-0042	EA		6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	61.16	
32 31 29 00-0043	EA		8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	89.28	
<b>32 31 29 00-0044</b>			<b>Wood Gate</b> <small>(32 31 29)</small>		
<b>32 31 29 00-0045</b>			<b>Board Fence Gates, Pressure Treated Wood</b> <small>(32 31 29 00-0044)</small> Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046	EA		3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	468.52	148.13
32 31 29 00-0047	EA		3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	517.31	157.01
32 31 29 00-0048	EA		3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	577.94	171.83
32 31 29 00-0049	EA		3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	654.29	180.71
32 31 29 00-0050	EA		3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	730.63	189.60
32 31 29 00-0051	EA		>5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	597.77	195.52
32 31 29 00-0052	EA		>5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	650.00	204.41
32 31 29 00-0053	EA		>5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	702.23	213.30
32 31 29 00-0054	EA		>5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	788.92	222.19
32 31 29 00-0055	EA		>5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	858.37	231.08
<b>32 31 29 00-0056</b>			<b>Board Fence Gates, Grade 2 Cedar</b> <small>(32 31 29 00-0044)</small> Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057	EA		3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	730.56	132.72
32 31 29 00-0058	EA		3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	756.83	140.68



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Fences and Gates	32 31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0059 EA 3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	797.15	153.95
32 31 29 00-0060 EA 3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	840.64	161.91
32 31 29 00-0061 EA 3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	894.46	169.88
32 31 29 00-0062 EA >5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	867.19	175.19
32 31 29 00-0063 EA >5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	900.34	183.15
32 31 29 00-0064 EA >5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	950.72	191.11
32 31 29 00-0065 EA >5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	1,001.09	199.07
32 31 29 00-0066 EA >5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	1,051.48	207.04
<b>32 31 29 00-0067 Board Fence Gates, Grade 1 Cedar</b> (32 31 29 00-0044)		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068 EA 3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	782.24	132.72
32 31 29 00-0069 EA 3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	815.40	140.68
32 31 29 00-0070 EA 3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	859.16	153.95
32 31 29 00-0071 EA 3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	909.55	161.91
32 31 29 00-0072 EA 3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	959.92	169.88
32 31 29 00-0073 EA >5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	936.10	175.19
32 31 29 00-0074 EA >5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	969.24	183.15
32 31 29 00-0075 EA >5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	1,019.63	191.11
32 31 29 00-0076 EA >5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	1,070.00	199.07
32 31 29 00-0077 EA >5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware .....	1,137.61	207.04
<b>32 31 29 00-0078 Pressure Treated Wood Fence Posts</b> (32 31 29)		
See CSI section 32 31 13 13-0001 for drilling augering, 32 31 13 13-0633 for barbed wire, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0079 EA 4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill .....	44.69	14.81
32 31 29 00-0080 EA 6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill .....	50.13	14.81
32 31 29 00-0081 EA 4' High, Pressure Treated Wood Fence Posts, Set In Concrete .....	78.93	28.44
32 31 29 00-0082 EA 6' High, Pressure Treated Wood Fence Posts, Set In Concrete .....	85.12	28.44
<b>32 31 56 Wild Life Deterrent Fence</b> (32 31)		
<b>32 31 56 00-0001 Barbed Wire Fences</b> (32 31 56)		
Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
<b>32 31 56 00-0002 Fence Posts</b> (32 31 56 00-0001)		
<b>32 31 56 00-0003 Fence Post Soil, Set In Concrete</b> (32 31 56 00-0002)		
32 31 56 00-0004 EA Barbed Wire Fence Post, Galvanized Set In Concrete In Soil .....	108.00	9.25
For Bracing On Corner Post, End Post And Pull Post, Add		173.81
32 31 56 00-0005 EA Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil .....	144.14	9.25
For Bracing On Corner Post, End Post And Pull Post, Add		234.16
<b>32 31 56 00-0006 Post In Rock</b> (32 31 56 00-0002)		
32 31 56 00-0007 EA Barbed Wire Fence Post, Galvanized Grouted In Rock .....	105.96	9.25
For Bracing On Corner Post, End Post And Pull Post, Add		170.75
32 31 56 00-0008 EA Barbed Wire Fence Post, Vinyl Coated Grouted In Rock .....	142.10	9.25
For Bracing On Corner Post, End Post And Pull Post, Add		231.10
<b>32 31 56 00-0009 Studded Steel T-Posts, Enamel Paint Finish</b> (32 31 56 00-0001)		
Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010 EA 5' Studded Steel T-Post, Driven Into Earth .....	30.27	
32 31 56 00-0011 EA 5'-6" Studded Steel T-Post, Driven Into Earth .....	31.00	
32 31 56 00-0012 EA 6' Studded Steel T-Post, Driven Into Earth .....	32.35	
32 31 56 00-0013 EA 6'-6" Studded Steel T-Post, Driven Into Earth .....	33.71	
32 31 56 00-0014 EA 7' Studded Steel T-Post, Driven Into Earth .....	35.48	
32 31 56 00-0015 EA 8' Studded Steel T-Post, Driven Into Earth .....	39.87	
32 31 56 00-0016 EA 10' Studded Steel T-Post, Driven Into Earth .....	48.18	
<b>32 31 56 00-0017 Barbed Wire</b> (32 31 56 00-0001)		
Note: Per strand.		
32 31 56 00-0018 LF Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand .....	1.02	0.46
32 31 56 00-0019 LF Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand .....	1.16	0.46
<b>32 31 56 00-0020 Barbed Wire Fence, Farm Style, With Wood Posts</b> (32 31 56 00-0001)		
Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021 LF 4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts .....	13.57	3.01
Note: Posts at 10' maximum.		
<b>32 32 Retaining Walls</b> (32 30)		
<b>32 32 13 Cast-In-Place Concrete Retaining Wall</b> (32 32)		
Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0001			<b>Concrete Retaining Walls</b> <small>(32 32 13)</small> Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF		4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....455.72	171.12	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....9.66		
32 32 13 00-0003	LF		6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....567.92	210.55	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....12.47		
32 32 13 00-0004	LF		8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....618.16	227.12	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....13.93		
32 32 13 00-0005	LF		10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....785.74	280.82	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....19.06		
32 32 13 00-0006	LF		12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....905.37	322.56	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....22.11		
32 32 13 00-0007	LF		16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....1,311.05	473.20	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....31.00		
32 32 13 00-0008	LF		20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....1,800.55	653.28	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....41.98		
32 32 13 00-0009	LF		4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....500.56	186.87	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....10.78		
32 32 13 00-0010	LF		6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....612.00	225.17	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....13.75		
32 32 13 00-0011	LF		8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....647.33	234.93	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....15.08		
32 32 13 00-0012	LF		10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....888.87	314.86	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....22.02		
32 32 13 00-0013	LF		12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....1,128.07	404.44	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....27.13		
32 32 13 00-0014	LF		16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....1,692.85	613.03	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....39.68		
32 32 13 00-0015	LF		20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall .....2,389.16	865.34	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....55.97		
<b>32 32 16</b>			<b>Precast Concrete Retaining Walls</b> <small>(32 32)</small>		
32 32 16 00-0001			<b>Precast Retaining Walls</b> <small>(32 32 16)</small> Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002	SF		10-15' High, Tied-back, Precast Concrete Retaining Walls .....98.33	14.88	
32 32 16 00-0003	SF		16-20' High, Tied-back, Precast Concrete Retaining Walls .....100.78	11.96	
32 32 16 00-0004	SF		21-25' High, Tied-back, Precast Concrete Retaining Walls .....104.38	9.96	
32 32 16 00-0005	SF		26-30' High, Tied-back, Precast Concrete Retaining Walls .....112.82	9.96	
32 32 16 00-0006	SF		>30' High, Tied-back, Precast Concrete Retaining Walls .....119.22	8.50	
<b>32 32 23</b>			<b>Segmental Retaining Walls</b> <small>(32 32)</small>		
<b>32 32 23 13</b>			<b>Segmental Concrete Unit Masonry Retaining Walls</b> <small>(32 32 23)</small>		
32 32 23 13-0001			<b>Modular Retaining Wall Systems</b> <small>(32 32 23 13)</small> Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002			<b>"Amastone" Type Modular Retaining Wall Systems</b> <small>(32 32 23 13-0001)</small>		
32 32 23 13-0003	SF		Up To 4' Height "Amastone" Type Modular Retaining Wall System .....70.69	9.96	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.32		
32 32 23 13-0004	SF		4 To 8' Height "Amastone" Type Modular Retaining Wall System .....74.58	10.48	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.56		
32 32 23 13-0005	SF		8 To 12' Height "Amastone" Type Modular Retaining Wall System .....77.89	11.53	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.66		
32 32 23 13-0006	SF		12 To 16' Height "Amastone" Type Modular Retaining Wall System .....81.37	12.58	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.78		
32 32 23 13-0007			<b>"Diamond" Type Modular Retaining Wall Systems</b> <small>(32 32 23 13-0001)</small>		
32 32 23 13-0008	SF		Up To 4' Height "Diamond" Type Modular Retaining Wall System .....73.35	9.96	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.54		
32 32 23 13-0009	SF		4 To 8' Height "Diamond" Type Modular Retaining Wall System .....77.23	10.48	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.78		
32 32 23 13-0010	SF		8 To 12' Height "Diamond" Type Modular Retaining Wall System .....80.54	11.53	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....4.89		
32 32 23 13-0011	SF		12 To 16' Height "Diamond" Type Modular Retaining Wall System .....84.03	12.58	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....5.00		
32 32 23 13-0012			<b>"Keystone" Type Modular Retaining Wall Systems</b> <small>(32 32 23 13-0001)</small>		
32 32 23 13-0013	SF		Up To 4' Height "Keystone" Type Modular Retaining Wall System .....79.69	9.96	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....5.08		
32 32 23 13-0014	SF		4 To 8' Height "Keystone" Type Modular Retaining Wall System .....83.57	10.48	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....5.32		
32 32 23 13-0015	SF		8 To 12' Height "Keystone" Type Modular Retaining Wall System .....86.89	11.53	
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....5.43		





		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Retaining Walls	32 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23	13-0016	SF	12 To 16' Height "Keystone" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i>	90.37 5.54	12.58
<b>32 32 23</b>	<b>13-0017</b>		<b>"Cribblock" Type Modular Retaining Wall Systems</b> (32 32 23 13-0001)		
32 32 23	13-0018	SF	Up To 4' Height "Cribblock" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	70.69 4.32 0.25	9.96
32 32 23	13-0019	SF	4 To 8' Height "Cribblock" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	74.58 4.56 0.25	10.48
32 32 23	13-0020	SF	8 To 12' Height "Cribblock" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	77.89 4.66 0.25	11.53
32 32 23	13-0021	SF	12 To 16' Height "Cribblock" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	81.37 4.78 0.25	12.58
<b>32 32 23</b>	<b>13-0022</b>		<b>"Versa-Lok" Type Modular Retaining Wall Systems</b> (32 32 23 13-0001)		
32 32 23	13-0023	SF	Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i>	62.64 3.63	9.96
32 32 23	13-0024	SF	4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i>	69.18 4.10	10.48
32 32 23	13-0025	SF	8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i>	72.54 4.21	11.53
32 32 23	13-0026	SF	12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System <i>For &gt;3:1 Sloped Soil At Top, Add</i>	75.53 4.28	12.58
<b>32 32 23</b>	<b>13-0027</b>		<b>Retaining Wall Cap Block Restoration</b> (32 32 23 13-0001) Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23	13-0028	LF	Removal And Reinstall Retaining Wall Cap Block And Pins <i>For &gt;3:1 Sloped Soil At Top, Add</i>	41.31 2.32	
<b>32 32 26</b>			<b>Metal Crib Retaining Walls</b> (32 32)		
<b>32 32 26</b>	<b>00-0001</b>		<b>Aluminized Steel Bin</b> (32 32 26) Note: Excludes excavation and backfill.		
32 32 26	00-0002	SF	4' High, 5.5' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	47.68 3.07 -3.61	5.78
32 32 26	00-0003	SF	8' High, 5.5' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	53.28 3.54 -4.16	5.78
32 32 26	00-0004	SF	10' High, 7.7' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	56.92 3.77 -4.43	6.32
32 32 26	00-0005	SF	12' High, 7.7' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	64.82 4.30 -5.06	7.13
32 32 26	00-0006	SF	16' High, 7.7' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	62.50 4.07 -4.78	7.40
32 32 26	00-0007	SF	16' High, 9.9' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	69.55 4.64 -5.46	7.53
32 32 26	00-0008	SF	20' High, 9.9' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	77.10 5.19 -6.11	7.94
32 32 26	00-0009	SF	20' High, 12.1' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	78.95 5.30 -6.24	8.34
32 32 26	00-0010	SF	24' High, 12.1' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	83.01 5.64 -6.63	8.34
32 32 26	00-0011	SF	24' High, 14.3' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	87.03 5.97 -7.02	8.48
32 32 26	00-0012	SF	28' High, 14.3' Deep Aluminized Steel Bin <i>For &gt;3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	89.91 6.19 -7.28	8.61
<b>32 32 29</b>			<b>Timber Retaining Walls</b> (32 32)		
<b>32 32 29</b>	<b>00-0001</b>		<b>Wood Post Retaining Walls</b> (32 32 29) Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29	00-0002	LF	4" x 4", 1' High, Redwood, Wood Post Retaining Walls <i>For &gt;3:1 Sloped Soil At Top, Add</i>	87.40 2.07	31.59
32 32 29	00-0003	LF	4" x 4", 2' High, Redwood, Wood Post Retaining Walls <i>For &gt;3:1 Sloped Soil At Top, Add</i>	171.05 4.03	61.84

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0004	LF	4" x 4", 1' High, Cedar, Wood Post Retaining Walls	84.29	31.59	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.80		
32 32 29 00-0005	LF	4" x 4", 2' High, Cedar, Wood Post Retaining Walls	165.01	61.84	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.52		
32 32 29 00-0006	LF	4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls	94.37	27.60	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.32		
32 32 29 00-0007	LF	4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	184.78	53.97	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.53		
32 32 29 00-0008	LF	4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls	69.54	24.50	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.75		
32 32 29 00-0009	LF	4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls	125.76	44.33	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.15		
32 32 29 00-0010	LF	6" x 6", 2' High, Redwood, Wood Post Retaining Walls	229.20	74.91	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.75		
32 32 29 00-0011	LF	6" x 6", 4' High, Redwood, Wood Post Retaining Walls	452.32	146.84	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	13.49		
32 32 29 00-0012	LF	6" x 6", 2' High, Cedar, Wood Post Retaining Walls	225.75	74.91	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.45		
32 32 29 00-0013	LF	6" x 6", 4' High, Cedar, Wood Post Retaining Walls	443.69	146.84	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.76		
32 32 29 00-0014	LF	6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls	246.30	60.84	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.59		
32 32 29 00-0015	LF	6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	489.49	120.14	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	21.18		
32 32 29 00-0016	LF	6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls	156.93	48.65	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.06		
32 32 29 00-0017	LF	6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls	308.59	95.19	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.05		
32 32 29 00-0018	LF	8" x 8", 4' High, Redwood, Wood Post Retaining Walls	561.18	162.36	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	20.09		
32 32 29 00-0019	LF	8" x 8", 6' High, Redwood, Wood Post Retaining Walls	1,049.60	303.10	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	37.69		
32 32 29 00-0020	LF	8" x 8", 4' High, Cedar, Wood Post Retaining Walls	543.93	162.36	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	18.63		
32 32 29 00-0021	LF	8" x 8", 6' High, Cedar, Wood Post Retaining Walls	1,016.82	303.10	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	34.91		
32 32 29 00-0022	LF	8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls	670.10	187.29	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	25.12		
32 32 29 00-0023	LF	8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls	1,249.96	349.76	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	46.79		
32 32 29 00-0024	LF	8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls	445.11	151.39	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.10		
32 32 29 00-0025	LF	8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls	825.57	280.82	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	22.44		
32 32 29 00-0026	LF	4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	168.01	62.39	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.67		
32 32 29 00-0027	LF	6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	251.17	93.64	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.43		
32 32 29 00-0028	LF	8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls	334.20	124.79	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.19		
32 32 29 00-0029	LF	4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	112.83	35.24	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.59		
32 32 29 00-0030	LF	6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	163.88	50.87	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.28		
32 32 29 00-0031	LF	8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls	221.90	68.71	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.19		

**32 32 29 00-0032 Post And Board Retaining Walls** (32 32 29)

Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.

32 32 29 00-0033	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls	68.79	18.73	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.66		
32 32 29 00-0034	LF	4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls	106.27	32.03	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.59		
32 32 29 00-0035	LF	6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls	139.14	39.79	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.06		
32 32 29 00-0036	LF	6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls	194.66	56.41	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.97		
32 32 29 00-0037	LF	6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	254.56	73.36	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	9.17		
32 32 29 00-0038	LF	8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls	521.57	145.17	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	19.65		
32 32 29 00-0039	LF	8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls	589.00	160.80	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	22.73		
32 32 29 00-0040	LF	4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls	69.92	19.51	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.63		
32 32 29 00-0041	LF	4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	122.80	34.69	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.55		
32 32 29 00-0042	LF	6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls	120.69	34.02	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.47		
32 32 29 00-0043	LF	6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls	169.33	48.88	
		<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.09		



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Retaining Walls	32 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0044	LF	6"	6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls	263.94	78.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	9.17	
32 32 29 00-0045	LF	6"	6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar	208.75	59.95
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.55	
32 32 29 00-0046	LF	8"	8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar	539.47	149.84
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	20.39	
32 32 29 00-0047	LF	4"	4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated	89.80	36.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.50	
32 32 29 00-0048	LF	4"	4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated	129.76	51.20
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.32	
32 32 29 00-0049	LF	4"	4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat	187.91	70.26
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.03	
32 32 29 00-0050	LF	6"	6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated	329.53	118.59
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.85	
32 32 29 00-0051	LF	6"	6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated	333.84	118.59
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.21	
32 32 29 00-0052	LF	6"	6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat	314.19	113.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.33	
32 32 29 00-0053	LF	8"	8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated	738.09	262.09
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	18.19	
32 32 29 00-0054	LF	4"	4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking	89.80	36.02
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	1.50	
32 32 29 00-0055	LF	4"	4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking	129.76	51.20
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.32	
32 32 29 00-0056	LF	4"	4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking	187.91	70.26
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.03	
32 32 29 00-0057	LF	6"	6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking	236.06	87.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.21	
32 32 29 00-0058	LF	6"	6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls	329.53	118.59
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.85	
32 32 29 00-0059	LF	6"	6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls	314.19	113.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.33	
32 32 29 00-0060	LF	8"	8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls	738.09	262.09
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	18.19	
32 32 29 00-0061			<b>Wood Tie Retaining Walls, Rod Connector At 4'</b> <small>(32 32 29)</small>		
			Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0062			<b>Redwood</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0063	LF	2'	2' High, 6" x 6" Wood Tie Wall	118.20	38.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.52	
32 32 29 00-0064	LF	4'	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	269.71	87.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.07	
32 32 29 00-0065	LF	6'	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	403.77	131.11
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.03	
32 32 29 00-0066	LF	4'	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	388.65	112.37
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	13.93	
32 32 29 00-0067	LF	6'	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	583.98	168.57
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	20.97	
32 32 29 00-0068	LF	8'	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	771.10	221.65
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	27.87	
32 32 29 00-0069			<b>Cedar</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0070	LF	2'	2' High, 6" x 6" Wood Tie Wall	116.48	38.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.37	
32 32 29 00-0071	LF	4'	4' High, 6" x 6" Wood Tie Wall Deadman At 6'	264.53	87.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.63	
32 32 29 00-0072	LF	6'	6' High, 6" x 6" Wood Tie Wall Deadman At 6'	396.86	131.11
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.44	
32 32 29 00-0073	LF	4'	4' High, 8" x 8" Wood Tie Wall Deadman At 6'	376.57	112.37
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	12.91	
32 32 29 00-0074	LF	6'	6' High, 8" x 8" Wood Tie Wall Deadman At 6'	566.72	168.57
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	19.51	
32 32 29 00-0075	LF	8'	8' High, 8" x 8" Wood Tie Wall Deadman At 6'	746.94	221.65
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	25.81	
32 32 29 00-0076			<b>Creosoted Wood</b> <small>(32 32 29 00-0061)</small>		
32 32 29 00-0077	LF	2'	2' High, 6" x 8" Wood Tie Wall	131.18	50.87
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	2.50	
32 32 29 00-0078	LF	4'	4' High, 6" x 8" Wood Tie Wall Deadman At 6'	300.57	117.03
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.65	
32 32 29 00-0079	LF	6'	6' High, 6" x 8" Wood Tie Wall Deadman At 6'	445.68	173.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.43	
32 32 29 00-0080	LF	4'	4' High, 7" x 9" Wood Tie Wall Deadman At 6'	604.17	235.61
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.29	
32 32 29 00-0081	LF	6'	6' High, 7" x 9" Wood Tie Wall Deadman At 6'	879.69	343.22
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	16.43	
32 32 29 00-0082	LF	8'	8' High, 7" x 9" Wood Tie Wall Deadman At 6'	1,167.25	455.04
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	21.85	

**32 Exterior Improvements****32 30 Site Improvements****32 32 Retaining Walls**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0083			<b>Pressure Treated Wood</b> (32 32 29 00-0081)		
32 32 29 00-0084	LF		2' High, 6" x 6" Wood Tie Wall .....	102.29	31.70
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	3.31	
32 32 29 00-0085	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6' .....	232.46	71.81
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.55	
32 32 29 00-0086	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6' .....	348.25	107.72
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.29	
32 32 29 00-0087	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6' .....	380.65	129.55
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.34	
32 32 29 00-0088	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6' .....	571.76	193.61
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	15.69	
32 32 29 00-0089	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6' .....	758.13	257.44
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	20.68	
<b>32 32 53</b>			<b>Stone Retaining Walls</b> (32 32)		
32 32 53 00-0001			<b>Stone Retaining Walls</b> (32 32 53) Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
32 32 53 00-0002			<b>Stone Retaining Walls</b> (32 32 53 00-0001) Note: Stone at \$16.00/ton.		
32 32 53 00-0003	LF		\$16.00/ton 3' High Stone Retaining Wall, Dry Set .....	523.89	235.94
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.41	
32 32 53 00-0004	LF		\$16.00/ton 4' High Stone Retaining Wall, Dry Set .....	618.19	280.69
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.82	
32 32 53 00-0005	LF		\$16.00/ton 6' High Stone Retaining Wall, Dry Set .....	812.23	372.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.65	
32 32 53 00-0006	LF		\$16.00/ton 8' High Stone Retaining Wall, Dry Set .....	1,251.96	583.07
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.29	
32 32 53 00-0007	LF		\$16.00/ton 10' High Stone Retaining Wall, Dry Set .....	1,626.95	762.73
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.62	
32 32 53 00-0008	LF		\$16.00/ton 12' High Stone Retaining Wall, Dry Set .....	2,019.25	949.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.16	
32 32 53 00-0009	LF		\$16.00/ton 3' High Stone Retaining Wall, Mortar Set .....	469.70	208.89
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.41	
32 32 53 00-0010	LF		\$16.00/ton 4' High Stone Retaining Wall, Mortar Set .....	551.11	247.15
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	4.82	
32 32 53 00-0011	LF		\$16.00/ton 6' High Stone Retaining Wall, Mortar Set .....	713.21	323.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.65	
32 32 53 00-0012	LF		\$16.00/ton 8' High Stone Retaining Wall, Mortar Set .....	1,092.58	503.41
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.29	
32 32 53 00-0013	LF		\$16.00/ton 10' High Stone Retaining Wall, Mortar Set .....	1,403.38	650.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.62	
32 32 53 00-0014	LF		\$16.00/ton 12' High Stone Retaining Wall, Mortar Set .....	1,743.49	811.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	10.16	
32 32 53 00-0015			<b>Stone Retaining Walls</b> (32 32 53 00-0001) Note: Stone at \$32.00/ton.		
32 32 53 00-0016	LF		\$32.00/ton 3' High Stone Retaining Wall, Dry Set .....	539.59	235.94
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.75	
32 32 53 00-0017	LF		\$32.00/ton 4' High Stone Retaining Wall, Dry Set .....	639.93	280.69
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.67	
32 32 53 00-0018	LF		\$32.00/ton 6' High Stone Retaining Wall, Dry Set .....	843.63	372.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.31	
32 32 53 00-0019	LF		\$32.00/ton 8' High Stone Retaining Wall, Dry Set .....	1,297.86	583.07
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.19	
32 32 53 00-0020	LF		\$32.00/ton 10' High Stone Retaining Wall, Dry Set .....	1,689.75	762.73
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	13.96	
32 32 53 00-0021	LF		\$32.00/ton 12' High Stone Retaining Wall, Dry Set .....	2,098.95	949.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	16.94	
32 32 53 00-0022	LF		\$32.00/ton 3' High Stone Retaining Wall, Mortar Set .....	485.40	208.89
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	5.75	
32 32 53 00-0023	LF		\$32.00/ton 4' High Stone Retaining Wall, Mortar Set .....	572.85	247.15
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	6.67	
32 32 53 00-0024	LF		\$32.00/ton 6' High Stone Retaining Wall, Mortar Set .....	744.61	323.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	8.31	
32 32 53 00-0025	LF		\$32.00/ton 8' High Stone Retaining Wall, Mortar Set .....	1,138.48	503.41
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	11.19	
32 32 53 00-0026	LF		\$32.00/ton 10' High Stone Retaining Wall, Mortar Set .....	1,466.18	650.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	13.96	
32 32 53 00-0027	LF		\$32.00/ton 12' High Stone Retaining Wall, Mortar Set .....	1,823.19	811.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	16.94	
32 32 53 00-0028			<b>Stone Retaining Walls</b> (32 32 53 00-0001) Note: Stone at \$48.00/ton.		
32 32 53 00-0029	LF		\$48.00/ton 3' High Stone Retaining Wall, Dry Set .....	556.50	235.94
			<i>For &gt;3:1 Sloped Soil At Top, Add</i>	7.19	



<b>Exterior Improvements</b>		<b>32</b>
Site Improvements		32 30
Retaining Walls		32 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0030	LF		\$48.00/ton 4' High Stone Retaining Wall, Dry Set .....	661.42	280.69
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.50	
32 32 53 00-0031	LF		\$48.00/ton 6' High Stone Retaining Wall, Dry Set .....	873.82	372.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	10.88	
32 32 53 00-0032	LF		\$48.00/ton 8' High Stone Retaining Wall, Dry Set .....	1,343.75	583.07
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	15.09	
32 32 53 00-0033	LF		\$48.00/ton 10' High Stone Retaining Wall, Dry Set .....	1,752.55	762.73
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	19.30	
32 32 53 00-0034	LF		\$48.00/ton 12' High Stone Retaining Wall, Dry Set .....	2,179.87	949.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	23.82	
32 32 53 00-0035	LF		\$48.00/ton 3' High Stone Retaining Wall, Mortar Set.....	502.31	208.89
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	7.19	
32 32 53 00-0036	LF		\$48.00/ton 4' High Stone Retaining Wall, Mortar Set.....	594.59	247.15
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.52	
32 32 53 00-0037	LF		\$48.00/ton 6' High Stone Retaining Wall, Mortar Set.....	774.80	323.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	10.88	
32 32 53 00-0038	LF		\$48.00/ton 8' High Stone Retaining Wall, Mortar Set.....	1,184.37	503.41
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	15.09	
32 32 53 00-0039	LF		\$48.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,528.98	650.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	19.30	
32 32 53 00-0040	LF		\$48.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,904.11	811.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	23.82	

### 32 32 53 00-0041 Stone Retaining Walls (32 32 53 00-0001)

Note: Stone at \$64.00/ton.

32 32 53 00-0042	LF		\$64.00/ton 3' High Stone Retaining Wall, Dry Set .....	573.40	235.94
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.62	
32 32 53 00-0043	LF		\$64.00/ton 4' High Stone Retaining Wall, Dry Set .....	659.25	280.69
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.31	
32 32 53 00-0044	LF		\$64.00/ton 6' High Stone Retaining Wall, Dry Set .....	906.43	372.92
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	13.65	
32 32 53 00-0045	LF		\$64.00/ton 8' High Stone Retaining Wall, Dry Set .....	1,392.05	583.07
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	19.20	
32 32 53 00-0046	LF		\$64.00/ton 10' High Stone Retaining Wall, Dry Set .....	1,817.76	762.73
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	24.84	
32 32 53 00-0047	LF		\$64.00/ton 12' High Stone Retaining Wall, Dry Set .....	2,261.99	949.82
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	30.80	
32 32 53 00-0048	LF		\$64.00/ton 3' High Stone Retaining Wall, Mortar Set.....	519.21	208.89
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	8.62	
32 32 53 00-0049	LF		\$64.00/ton 4' High Stone Retaining Wall, Mortar Set.....	616.32	247.15
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	10.37	
32 32 53 00-0050	LF		\$64.00/ton 6' High Stone Retaining Wall, Mortar Set.....	807.41	323.34
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	13.65	
32 32 53 00-0051	LF		\$64.00/ton 8' High Stone Retaining Wall, Mortar Set.....	1,232.67	503.41
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	19.20	
32 32 53 00-0052	LF		\$64.00/ton 10' High Stone Retaining Wall, Mortar Set.....	1,594.19	650.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	24.84	
32 32 53 00-0053	LF		\$64.00/ton 12' High Stone Retaining Wall, Mortar Set.....	1,986.23	811.99
			<i>For &gt;3:1 Sloped Soil At Top, Add</i> .....	30.80	

## 32 33 Site Furnishings (32 30)

### 32 33 13 Site Bicycle Racks (32 33)

32 33 13 00-0001			Bicycle Organizer And Rack <small>(32 33 13)</small>		
32 33 13 00-0002			Vertical Style Bike Racks Single/Double Sided, Galvanized <small>(32 33 13 00-0001)</small>		
32 33 13 00-0003			Double Sided <small>(32 33 13 00-0002)</small>		
32 33 13 00-0004	EA		5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	817.77	148.67
32 33 13 00-0005	EA		10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	1,235.91	244.25
32 33 13 00-0006	EA		20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	2,123.33	371.68
32 33 13 00-0007			Single Sided <small>(32 33 13 00-0002)</small>		
32 33 13 00-0008	EA		5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	716.20	132.74
32 33 13 00-0009	EA		10' Galvanized Steel Single Sided Bike Rack, 9 Bikes.....	1,016.22	220.89
32 33 13 00-0010	EA		20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	1,737.20	331.86
32 33 13 00-0011			Anchor Set For Vertical Style Bike Rack <small>(32 33 13 00-0002)</small>		
32 33 13 00-0012	PR		Anchor Set For Vertical Style Bike Rack.....	141.19	
			Note: Anchoring frame to ground.		
32 33 13 00-0013			Bike Racks Ground Loop <small>(32 33 13 00-0001)</small>		
			Note: In-ground mount.		
32 33 13 00-0014	EA		83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	1,097.20	260.50



**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 33 13 00-0015	<b>Serpentine Bike Racks</b> (32 33 13 00-0001) Note: In-ground mount.			
32 33 13 00-0016	<b>Galvanized, 36" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0017	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized .....	609.66	159.29
32 33 13 00-0018	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized .....	823.12	172.57
32 33 13 00-0019	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized .....	1,036.60	185.85
32 33 13 00-0020	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized .....	1,276.78	199.12
32 33 13 00-0021	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized .....	1,516.96	212.39
32 33 13 00-0022	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized .....	1,650.32	225.67
32 33 13 00-0023	<b>Galvanized, 42" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0024	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized .....	687.95	159.29
32 33 13 00-0025	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized .....	879.57	172.57
32 33 13 00-0026	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized .....	1,071.19	185.85
32 33 13 00-0027	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized .....	1,242.19	199.12
32 33 13 00-0028	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized .....	1,433.81	212.39
32 33 13 00-0029	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized .....	1,666.71	225.67
32 33 13 00-0030	<b>Powder Coated, 36" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0031	EA	1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated .....	609.66	159.29
32 33 13 00-0032	EA	3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated .....	823.12	172.57
32 33 13 00-0033	EA	5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated .....	1,036.60	185.85
32 33 13 00-0034	EA	7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated .....	1,276.78	199.12
32 33 13 00-0035	EA	9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated .....	1,516.96	212.39
32 33 13 00-0036	EA	11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated .....	1,650.32	225.67
32 33 13 00-0037	<b>Powder Coated, 42" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0038	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated .....	708.58	159.29
32 33 13 00-0039	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated .....	920.84	172.57
32 33 13 00-0040	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated .....	1,112.46	185.85
32 33 13 00-0041	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated .....	1,345.36	199.12
32 33 13 00-0042	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated .....	1,536.98	212.39
32 33 13 00-0043	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated .....	1,790.52	225.67
32 33 13 00-0044	<b>Stainless Steel, 36" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0045	EA	1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel .....	1,135.70	159.29
32 33 13 00-0046	EA	3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel .....	1,686.96	172.57
32 33 13 00-0047	EA	5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel .....	2,238.26	185.85
32 33 13 00-0048	EA	7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel .....	2,864.53	199.12
32 33 13 00-0049	EA	9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel .....	3,490.77	212.39
32 33 13 00-0050	EA	11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel .....	3,817.17	225.67
32 33 13 00-0051	<b>Stainless Steel, 42" High, 2-3/8" OD Tubing</b> (32 33 13 00-0015)			
32 33 13 00-0052	EA	1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel .....	894.30	159.29
32 33 13 00-0053	EA	3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel .....	1,952.57	172.57
32 33 13 00-0054	EA	5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel .....	2,556.88	185.85
32 33 13 00-0055	EA	7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel .....	3,119.93	199.12
32 33 13 00-0056	EA	9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel .....	3,703.62	212.39
32 33 13 00-0057	EA	11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel .....	4,307.94	225.67
32 33 13 00-0058	<b>Bike Racks Bollards/Bicycle Posts</b> (32 33 13 00-0001) Note: In-ground mount.			
32 33 13 00-0059	EA	43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G).....	678.65	119.47
<b>32 33 23</b>	<b>Site Trash and Litter Receptacles</b> (32 33)			
32 33 23 00-0001	<b>Steel Trash Containment</b> (32 33 23)			
32 33 23 00-0002	<b>Steel Frame Surrounded With Kiln-Dried Wood</b> (32 33 23 00-0001)			
32 33 23 00-0003	EA	13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood .....	574.71	63.46
32 33 23 00-0004	EA	24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood .....	549.20	63.46
32 33 23 00-0005	EA	21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood .....	549.20	63.46
32 33 23 00-0006	EA	24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood .....	520.50	63.46
32 33 23 00-0007	EA	18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	574.71	63.46
32 33 23 00-0008	EA	23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	520.50	63.46
32 33 23 00-0009	EA	24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	708.65	63.46
32 33 23 00-0010	<b>Square Steel Frames Surrounded With Flat Steel</b> (32 33 23 00-0001)			
32 33 23 00-0011	EA	26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround .....	1,029.57	63.46
32 33 23 00-0012	EA	26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	1,110.61	63.46



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Site Furnishings	32 33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0013 EA 26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	1,110.61	63.46
<b>32 33 23 00-0014 Round Steel Pipe And Flat Steel Frames</b> <small>(32 33 23 00-0001)</small>		
Note: Surrounded with kiln-dried wood.		
32 33 23 00-0015 EA 21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,515.81	63.46
32 33 23 00-0016 EA 21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood .....	1,631.58	63.46
32 33 23 00-0017 EA 21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,877.59	63.46
32 33 23 00-0018 EA 21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,703.93	63.46
<b>32 33 23 00-0019 Round Steel Pipe Surrounded With Perforated</b> <small>(32 33 23 00-0001)</small>		
32 33 23 00-0020 EA 21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe.....	1,356.62	63.46
32 33 23 00-0021 EA 21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe .....	1,472.39	63.46
32 33 23 00-0022 EA 21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe.....	1,718.41	63.46
32 33 23 00-0023 EA 21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe.....	1,559.22	63.46
<b>32 33 23 00-0024 Round Steel Pipe Frames Surrounded With Welded Wire</b> <small>(32 33 23 00-0001)</small>		
32 33 23 00-0025 EA 21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround .....	1,081.66	63.46
32 33 23 00-0026 EA 21" Diameter x 32" High Open Top Trash Container Pipe Frame, Welded Wire Surround .....	1,197.43	63.46
32 33 23 00-0027 EA 21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	1,443.45	63.46
32 33 23 00-0028 EA 21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	1,284.26	63.46
<b>32 33 23 00-0029 Litter Baskets</b> <small>(32 33 23)</small>		
<b>32 33 23 00-0030 Round Wire Litter Baskets</b> <small>(32 33 23 00-0029)</small>		
32 33 23 00-0031 EA 1.33' Diameter x 1.83' High Round Wire Litter Basket .....	189.42	6.45
32 33 23 00-0032 EA 1.5' Diameter x 1.83' High Round Wire Litter Basket.....	238.94	6.45
32 33 23 00-0033 EA 1.75' Diameter x 2.33' High Round Wire Litter Basket.....	322.97	6.45
32 33 23 00-0034 EA 1.83' Diameter x 2.83' High Round Wire Litter Basket.....	370.39	6.45
<b>32 33 23 00-0035 Trash Can/Wire Basket Holder</b> <small>(32 33 23 00-0029)</small>		
32 33 23 00-0036 EA Steel Post, Single Holder.....	276.36	51.82
32 33 23 00-0037 EA Steel Post, Double Holder .....	371.14	51.82
32 33 23 00-0038 EA Redwood Post, Single Holder.....	149.80	51.82
32 33 23 00-0039 EA Redwood Post, Double Holder.....	171.25	51.82
<b>32 33 23 00-0040 Litter Receptacles, Freestanding</b> <small>(32 33 23 00-0029)</small>		
Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.		
32 33 23 00-0041 EA 16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	1,519.78	26.44
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0042 EA 16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded.....	1,599.51	26.44
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0043 EA 20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,865.12	39.65
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0044 EA 20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,944.84	39.65
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0045 EA 16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole .....	2,024.57	39.65
For Powder Coated Sand Pan, Add		50.00
For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add		22.50
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0046 EA 16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole .....	2,104.29	39.65
For Powder Coated Sand Pan, Add		50.00
For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add		22.50
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
32 33 23 00-0047 EA 16" Diameter x 28" High Litter Receptacle, Wall Mount.....	1,679.16	34.37
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
For 1-1/2" x 6" Diameter Metal Cover Plate, Add		20.00
32 33 23 00-0048 EA 16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,758.88	34.37
For Powder Coated Sand Pan, Add		50.00
For Orange Peel Lid, Add		25.00
For Polished Granite Lid, Add		50.00
For 1-1/2" x 6" Diameter Metal Cover Plate, Add		20.00

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
<b>32 33 23 00-0049</b>		<b>Ash Receptacles</b> <small>(32 33 23)</small>			
32 33 23 00-0050	EA	12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded.....	698.77		26.44
		<i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i>	22.50		
		<i>For Sand Pan, Add</i>	110.00		
		<i>For Bowl And Funnel, Add</i>	120.00		
32 33 23 00-0051	EA	18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	298.36		26.44
<b>32 33 23 00-0052</b>		<b>Trash Receptacles</b> <small>(32 33 23)</small>			
32 33 23 00-0053	EA	Outdoor Covered Steel Receptacle With Liner .....	1,248.72		26.44
32 33 23 00-0054	EA	Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame .....	433.81		26.44
32 33 23 00-0055	EA	24" x 24" Square Trash Containment With Exposed Aggregate Finish .....	753.74		26.44
32 33 23 00-0056	EA	30" x 30" Square Trash Containment With Exposed Aggregate Finish .....	786.53		29.08
32 33 23 00-0057	EA	36" x 36" Square Trash Containment With Exposed Aggregate Finish .....	846.78		31.72
32 33 23 00-0058	EA	32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber .....	554.26		21.15
32 33 23 00-0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber .....	660.91		21.15
32 33 23 00-0060	EA	24" x 24" Square 18" High Trash Receptacle, Fiberglass .....	1,199.17		26.44
<b>32 33 23 00-0061</b>		<b>Trash Containers (Dumpsters)</b> <small>(32 33 23)</small>			
32 33 23 00-0062	EA	1 CY Straight Side Trash Dumpster.....	308.45		
32 33 23 00-0063	EA	1.5 CY Straight Side Trash Dumpster.....	462.68		
32 33 23 00-0064	EA	2 CY Straight Side Trash Dumpster.....	616.90		
32 33 23 00-0065	EA	2 CY Sloped Side Trash Dumpster.....	616.90		
32 33 23 00-0066	EA	3 CY Sloped Side Trash Dumpster .....	925.36		
32 33 23 00-0067	EA	4 CY Sloped Side Trash Dumpster.....	1,233.81		
32 33 23 00-0068	EA	6 CY Sloped Side Trash Dumpster.....	1,850.71		
32 33 23 00-0069	EA	8 CY Sloped Side Trash Dumpster.....	2,467.62		
<b>32 33 33</b>		<b>Site Manufactured Planters</b> <small>(32 33)</small>			
<b>32 33 33 00-0001</b>		<b>Precast Concrete Planters</b> <small>(32 33 33)</small>			
<b>32 33 33 00-0002</b>		<b>Circular Precast Concrete Planters</b> <small>(32 33 33 00-0001)</small>			
32 33 33 00-0003	EA	24" Diameter, 17" Height, Circular Precast Concrete Planter .....	768.53		30.36
32 33 33 00-0004	EA	24" Diameter, 24" Height, Circular Precast Concrete Planter .....	861.17		36.43
32 33 33 00-0005	EA	24" Diameter, 33" Height, Circular Precast Concrete Planter .....	941.66		36.43
32 33 33 00-0006	EA	30" Diameter, 17" Height, Circular Precast Concrete Planter .....	1,022.46		42.50
32 33 33 00-0007	EA	30" Diameter, 30" Height, Circular Precast Concrete Planter .....	1,238.49		54.64
32 33 33 00-0008	EA	36" Diameter, 24" Height, Circular Precast Concrete Planter .....	1,347.39		54.64
32 33 33 00-0009	EA	36" Diameter, 30" Height, Circular Precast Concrete Planter .....	1,518.15		60.71
32 33 33 00-0010	EA	48" Diameter, 17" Height, Circular Precast Concrete Planter .....	1,603.37		60.71
32 33 33 00-0011	EA	48" Diameter, 24" Height, Circular Precast Concrete Planter .....	1,787.60		75.90
32 33 33 00-0012	EA	48" Diameter, 30" Height, Circular Precast Concrete Planter .....	1,901.48		80.76
32 33 33 00-0013	EA	48" Diameter, 36" Height, Circular Precast Concrete Planter .....	1,981.00		85.01
32 33 33 00-0014	EA	60" Diameter, 17" Height, Circular Precast Concrete Planter .....	1,798.61		75.90
32 33 33 00-0015	EA	60" Diameter, 24" Height, Circular Precast Concrete Planter .....	1,978.63		85.01
32 33 33 00-0016	EA	60" Diameter, 36" Height, Circular Precast Concrete Planter .....	2,532.88		91.07
32 33 33 00-0017	EA	72" Diameter, 36" Height, Circular Precast Concrete Planter .....	3,286.92		115.36
32 33 33 00-0018	EA	84" Diameter, 36" Height, Circular Precast Concrete Planter .....	3,817.50		121.44
<b>32 33 33 00-0019</b>		<b>Square Precast Concrete Planters</b> <small>(32 33 33 00-0001)</small>			
32 33 33 00-0020	EA	36" Square, 30" Height, Square Precast Concrete Planter .....	1,551.49		78.93
32 33 33 00-0021	EA	42" Square, 30" Height, Square Precast Concrete Planter.....	1,775.66		85.01
32 33 33 00-0022	EA	60" Square, 36" Height, Square Precast Concrete Planter.....	2,800.70		97.14
32 33 33 00-0023	EA	72" Square, 36" Height, Square Precast Concrete Planter.....	2,988.02		103.22
<b>32 33 33 00-0024</b>		<b>Rectangular Precast Concrete Planters</b> <small>(32 33 33 00-0001)</small>			
32 33 33 00-0025	EA	33" x 18", 20" Height, Rectangular Precast Concrete Planter.....	896.68		36.43
32 33 33 00-0026	EA	48" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,053.84		54.64
32 33 33 00-0027	EA	60" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,222.24		60.71
32 33 33 00-0028	EA	72" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,392.26		75.90
<b>32 33 33 00-0029</b>		<b>Fiberglass Planters</b> <small>(32 33 33)</small>			
<b>32 33 33 00-0030</b>		<b>Circular Fiberglass Planters</b> <small>(32 33 33 00-0029)</small>			
32 33 33 00-0031	EA	36" Diameter, 27" High, Circular Fiberglass Planter .....	2,068.01		30.36
32 33 33 00-0032	EA	60" Diameter, 39" High, Circular Fiberglass Planter .....	3,451.40		30.36
32 33 33 00-0033	EA	36" Diameter, 24" High, Circular Fiberglass Planter .....	1,373.83		30.36
32 33 33 00-0034	EA	60" Diameter, 24" High, Circular Fiberglass Planter .....	2,722.12		30.36
<b>32 33 33 00-0035</b>		<b>Tapered Circular Fiberglass Planters</b> <small>(32 33 33 00-0029)</small>			
32 33 33 00-0036	EA	24" Diameter, 20" High, Tapered Circular Fiberglass Planter.....	795.62		30.36
32 33 33 00-0037	EA	30" Diameter, 25" High, Tapered Circular Fiberglass Planter.....	1,173.33		30.36



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0038 EA 36" Diameter, 30" High, Tapered Circular Fiberglass Planter .....	2,103.11	30.36
32 33 33 00-0039 EA 40" Diameter, 36" High, Tapered Circular Fiberglass Planter .....	2,942.67	30.36
<b>32 33 33 00-0040 Square Fiberglass Planters (32 33 33 00-0029)</b>		
32 33 33 00-0041 EA 24" Square, 21" High, Square Fiberglass Planter .....	1,049.42	30.36
32 33 33 00-0042 EA 24" Square, 24" High, Square Fiberglass Planter .....	1,073.09	30.36
32 33 33 00-0043 EA 30" Square, 12" High, Square Fiberglass Planter .....	1,085.61	30.36
32 33 33 00-0044 EA 30" Square, 21" High, Square Fiberglass Planter .....	1,233.49	30.36
32 33 33 00-0045 EA 30" Square, 24" High, Square Fiberglass Planter .....	1,341.23	30.36
<b>32 33 33 00-0046 Rectangular Fiberglass Planters (32 33 33 00-0029)</b>		
32 33 33 00-0047 EA 48" x 12", 12" High, Rectangular Fiberglass Planter .....	1,210.07	30.36
32 33 33 00-0048 EA 48" x 12", 21" High, Rectangular Fiberglass Planter .....	1,298.43	30.36
32 33 33 00-0049 EA 48" x 24", 12" High, Rectangular Fiberglass Planter .....	1,696.32	30.36
32 33 33 00-0050 EA 48" x 24", 21" High, Rectangular Fiberglass Planter .....	1,873.04	30.36
<b>32 33 33 00-0051 Timber Planters (32 33 33)</b>		
<b>32 33 33 00-0052 Square Timber Planters (32 33 33 00-0051)</b>		
32 33 33 00-0053 EA 14" Square, 30" High, Square Timber Planter .....	534.65	63.46
32 33 33 00-0054 EA 21" Square, 30" High, Square Timber Planter .....	534.65	63.46
32 33 33 00-0055 EA 27" Square, 30" High, Square Timber Planter .....	985.42	63.46
32 33 33 00-0056 EA 34" Square, 30" High, Square Timber Planter .....	858.44	63.46
32 33 33 00-0057 EA 41" Square, 36" High, Square Timber Planter .....	1,017.16	63.46
32 33 33 00-0058 EA 54" Square, 36" High, Square Timber Planter .....	2,566.28	63.46
32 33 33 00-0059 EA 81" Square, 36" High, Square Timber Planter .....	3,842.40	63.46
<b>32 33 33 00-0060 Rectangular Timber Planters (32 33 33 00-0051)</b>		
32 33 33 00-0061 EA 21" x 14", 30" High, Rectangular Timber Planter .....	528.30	63.46
32 33 33 00-0062 EA 27" x 14", 30" High, Rectangular Timber Planter .....	585.44	63.46
32 33 33 00-0063 EA 27" x 21", 30" High, Rectangular Timber Planter .....	756.86	63.46
32 33 33 00-0064 EA 34" x 21", 30" High, Rectangular Timber Planter .....	833.04	63.46
32 33 33 00-0065 EA 41" x 21", 30" High, Rectangular Timber Planter .....	1,061.60	63.46
32 33 33 00-0066 EA 34" x 27", 30" High, Rectangular Timber Planter .....	1,226.67	63.46
32 33 33 00-0067 EA 41" x 27", 30" High, Rectangular Timber Planter .....	1,366.35	63.46
32 33 33 00-0068 EA 54" x 27", 30" High, Rectangular Timber Planter .....	1,766.32	63.46
32 33 33 00-0069 EA 54" x 34", 30" High, Rectangular Timber Planter .....	1,988.53	63.46
32 33 33 00-0070 EA 68" x 34", 36" High, Rectangular Timber Planter .....	2,261.54	63.46
32 33 33 00-0071 EA 54" x 41", 36" High, Rectangular Timber Planter .....	2,153.60	63.46
32 33 33 00-0072 EA 68" x 41", 36" High, Rectangular Timber Planter .....	2,432.95	63.46
32 33 33 00-0073 EA 81" x 41", 36" High, Rectangular Timber Planter .....	2,718.65	63.46
<b>32 33 43 Site Seating and Tables (32 33)</b>		
<b>32 33 43 13 Site Seating (32 33 43)</b>		
<b>32 33 43 13-0001 Benches (Wabash Valley) (32 33 43 13)</b>		
<b>32 33 43 13-0002 Prestige/Profile Benches (32 33 43 13-0001)</b>		
32 33 43 13-0003 EA 6' Bench With Arms, Inground, Diamond Site Furniture (Wabash Valley PP411D) .....	759.46	49.39
32 33 43 13-0004 EA 6' Bench With Arms, Inground, Perforated Site Furniture (Wabash Valley PP411P) .....	835.17	49.39
<b>32 33 43 13-0005 Benches (Landscapeforms) (32 33 43 13)</b>		
Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0006 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade) .....	1,669.57	105.76
32 33 43 13-0007 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade) .....	2,077.82	105.76
32 33 43 13-0008 EA 96" Backed Wood Bench (Landscapeforms Balustrade) .....	2,340.27	105.76
32 33 43 13-0009 EA End Loop Arms For Backed Bench (Landscapeforms Balustrade) .....	198.68	26.44
32 33 43 13-0010 EA 72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's) .....	1,821.71	105.76
32 33 43 13-0011 EA 96" Backless Wood Bench (Landscapeforms Gretchen's) .....	2,056.27	105.76
32 33 43 13-0012 EA 72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's) .....	2,240.11	105.76
32 33 43 13-0013 EA 96" Backed Wood Bench (Landscapeforms Gretchen's) .....	2,525.37	105.76
32 33 43 13-0014 EA 72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's) .....	2,557.07	105.76
32 33 43 13-0015 EA 96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's) .....	2,842.34	105.76
32 33 43 13-0016 EA 59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) .....	3,308.40	105.76
32 33 43 13-0017 EA 75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park) .....	3,592.66	105.76
32 33 43 13-0018 EA 42" Backless Metal Grid Bench (Landscapeforms Manistee) .....	951.56	79.33
32 33 43 13-0019 EA 62" Backless Metal Grid Bench (Landscapeforms Manistee) .....	1,026.36	79.33
32 33 43 13-0020 EA 72" Backless Metal Grid Bench (Landscapeforms Manistee) .....	1,112.66	92.55
32 33 43 13-0021 EA 82" Backless Metal Grid Bench (Landscapeforms Manistee) .....	1,292.19	92.55
32 33 43 13-0022 EA 42" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,187.46	92.55
32 33 43 13-0023 EA 62" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,262.26	92.55
32 33 43 13-0024 EA 72" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,363.51	105.76
32 33 43 13-0025 EA 82" Backed Metal Grid Bench (Landscapeforms Manistee) .....	1,558.00	105.76
32 33 43 13-0026 EA 42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee) .....	1,322.11	92.55

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43	13-0027	EA	62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,423.35	105.76
32 33 43	13-0028	EA	72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,498.15	105.76
32 33 43	13-0029	EA	82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee).....	1,692.64	105.76
32 33 43	13-0030	EA	72" Backless Solid Wood Bench (Landscapeforms Palisade).....	2,671.18	105.76
32 33 43	13-0031	EA	96" Backless Solid Wood Bench (Landscapeforms Palisade).....	3,064.21	105.76
32 33 43	13-0032	EA	70" Backless Perforated Metal Bench (Landscapeforms Petoskey).....	1,727.89	105.76
32 33 43	13-0033	EA	70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey).....	2,077.82	105.76
32 33 43	13-0034	EA	70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey).....	2,252.78	105.76
32 33 43	13-0035	EA	72" Backed Wood Bench (Landscapeforms Plainwell).....	2,195.73	105.76
32 33 43	13-0036	EA	72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell).....	2,430.29	105.76
32 33 43	13-0037	EA	96" Backed Wood Bench (Landscapeforms Plainwell).....	2,683.86	105.76
32 33 43	13-0038	EA	96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell).....	2,918.41	105.76
32 33 43	13-0039	EA	96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell).....	3,159.30	105.76
32 33 43	13-0040	EA	72" Backed Aluminum Bench (Landscapeforms Plainwell).....	2,785.29	105.76
32 33 43	13-0041	EA	72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell).....	3,019.84	105.76
32 33 43	13-0042	EA	96" Backed Aluminum Bench (Landscapeforms Plainwell).....	3,406.54	105.76
32 33 43	13-0043	EA	96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell).....	3,653.77	105.76
32 33 43	13-0044	EA	96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell).....	3,881.98	105.76
32 33 43	13-0045	EA	Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus).....	636.10	26.44
32 33 43	13-0046	EA	Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus).....	851.63	26.44
32 33 43	13-0047	EA	Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	851.63	26.44
32 33 43	13-0048	EA	Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus).....	775.56	26.44
32 33 43	13-0049	EA	Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus).....	959.40	26.44
32 33 43	13-0050	EA	Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	959.40	26.44
32 33 43	13-0051	EA	Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus).....	959.40	26.44
32 33 43	13-0052	EA	Armrest For Metal Grid Seats (Landscapeforms Plexus).....	198.68	26.44
32 33 43	13-0053	EA	Backless Straight Metal Grid Seats (Landscapeforms Presidio).....	889.67	26.44
32 33 43	13-0054	EA	Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio).....	984.76	26.44
32 33 43	13-0055	EA	Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,079.85	26.44
32 33 43	13-0056	EA	Backless Angled Metal Grid Seats (Landscapeforms Presidio).....	1,073.51	26.44
32 33 43	13-0057	EA	Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,168.60	26.44
32 33 43	13-0058	EA	Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,263.69	26.44
32 33 43	13-0059	EA	Backed Straight Metal Grid Seats (Landscapeforms Presidio).....	1,060.83	26.44
32 33 43	13-0060	EA	Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,155.92	26.44
32 33 43	13-0061	EA	Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,251.01	26.44
32 33 43	13-0062	EA	Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio).....	1,295.38	26.44
32 33 43	13-0063	EA	Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,390.47	26.44
32 33 43	13-0064	EA	Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,485.56	26.44
32 33 43	13-0065	EA	Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio).....	1,295.38	26.44
32 33 43	13-0066	EA	Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio).....	1,390.47	26.44
32 33 43	13-0067	EA	Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio).....	1,485.56	26.44
32 33 43	13-0068	EA	48" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	1,796.35	105.76
32 33 43	13-0069	EA	72" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	1,821.71	105.76
32 33 43	13-0070	EA	96" Backless Horizontal Strap Bench (Landscapeforms Scarborough).....	2,208.41	105.76
32 33 43	13-0071	EA	48" Backless Woven Bench (Landscapeforms Scarborough).....	2,671.18	105.76
32 33 43	13-0072	EA	72" Backless Woven Bench (Landscapeforms Scarborough).....	3,146.63	105.76
32 33 43	13-0073	EA	96" Backless Woven Bench (Landscapeforms Scarborough).....	3,596.72	105.76
32 33 43	13-0074	EA	24" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,454.03	105.76
32 33 43	13-0075	EA	48" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,923.14	105.76
32 33 43	13-0076	EA	72" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	1,967.52	105.76
32 33 43	13-0077	EA	72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough).....	2,259.12	105.76
32 33 43	13-0078	EA	96" Backed Horizontal Strap Bench (Landscapeforms Scarborough).....	2,544.39	105.76
32 33 43	13-0079	EA	96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough).....	2,842.34	105.76
32 33 43	13-0080	EA	96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough).....	3,133.95	105.76
32 33 43	13-0081	EA	24" Backed Woven Bench (Landscapeforms Scarborough).....	2,544.39	105.76
32 33 43	13-0082	EA	48" Backed Woven Bench (Landscapeforms Scarborough).....	3,070.55	105.76
32 33 43	13-0083	EA	72" Backed Woven Bench (Landscapeforms Scarborough).....	3,584.04	105.76
32 33 43	13-0084	EA	72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	3,881.98	105.76
32 33 43	13-0085	EA	96" Backed Woven Bench (Landscapeforms Scarborough).....	4,515.91	105.76
32 33 43	13-0086	EA	96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough).....	4,807.52	105.76
32 33 43	13-0087	EA	96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough).....	5,092.79	105.76
32 33 43	13-0088	EA	32" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,231.07	92.55
32 33 43	13-0089	EA	49" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,478.31	92.55
32 33 43	13-0090	EA	49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square).....	1,611.43	92.55
32 33 43	13-0091	EA	70" Backed Strap Or Perforated Bench (Landscapeforms Town Square).....	1,885.11	105.76
32 33 43	13-0092	EA	70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square).....	2,132.34	105.76
32 33 43	13-0093	EA	48" Chicago Bench (Landscapeforms CH-35 BS).....	1,200.46	105.20
32 33 43	13-0094	EA	60" Chicago Bench (Landscapeforms CH-35 BS).....	1,345.69	105.20
32 33 43	13-0095	EA	72" Chicago Bench (Landscapeforms CH-35 BS).....	1,373.35	105.20
32 33 43	13-0096	EA	84" Chicago Bench (Landscapeforms CH-35 BS).....	1,401.01	105.20
32 33 43	13-0097	EA	96" Chicago Bench (Landscapeforms CH-35 BS).....	1,525.49	105.20
32 33 43	13-0098	EA	48" Chicago Backless Bench (Landscapeforms CH Flat Bench).....	1,013.74	105.20
			Note: Excludes arms.		
32 33 43	13-0099	EA	60" Chicago Backless Bench (Landscapeforms CH Flat Bench).....	1,110.56	105.20
			Note: Excludes arms.		
32 33 43	13-0100	EA	72" Chicago Backless Bench (Landscapeforms CH Flat Bench).....	1,193.55	105.20
			Note: Excludes arms.		

32 33 43 13-0101 Benches (Columbia Cascade, TimberForm) (32 33 43 13)





	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0102				<b>Wood Benches (Columbia Cascade, TimberForm)</b> <small>(32 33 43 13-0101)</small>		
				Note: Includes powder coated steel frames.		
32 33 43 13-0103	EA			70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E).....	898.69	52.88
32 33 43 13-0104	EA			94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E).....	1,029.65	52.88
32 33 43 13-0105	EA			118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E).....	1,317.68	52.88
32 33 43 13-0106	EA			70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P).....	938.00	52.88
32 33 43 13-0107	EA			94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P).....	1,068.92	52.88
32 33 43 13-0108	EA			118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P).....	1,370.05	52.88
32 33 43 13-0109	EA			70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E).....	1,370.05	52.88
32 33 43 13-0110	EA			94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E).....	1,592.62	52.88
32 33 43 13-0111	EA			118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E).....	2,050.86	52.88
32 33 43 13-0112	EA			70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P).....	1,435.51	52.88
32 33 43 13-0113	EA			94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P).....	1,658.09	52.88
32 33 43 13-0114	EA			118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P).....	2,142.51	52.88
32 33 43 13-0115	EA			70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E).....	2,640.03	52.88
32 33 43 13-0116	EA			94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E).....	3,098.26	52.88
32 33 43 13-0117	EA			118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E).....	4,054.02	52.88
32 33 43 13-0118	EA			70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P).....	2,705.49	52.88
32 33 43 13-0119	EA			94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P).....	3,163.73	52.88
32 33 43 13-0120	EA			118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P).....	4,145.67	52.88
32 33 43 13-0121	EA			70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	1,042.74	52.88
32 33 43 13-0122	EA			94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	1,173.66	52.88
32 33 43 13-0123	EA			70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	1,082.02	52.88
32 33 43 13-0124	EA			94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	1,212.94	52.88
32 33 43 13-0125	EA			46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E).....	1,736.64	52.88
32 33 43 13-0126	EA			70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	2,050.86	52.88
32 33 43 13-0127	EA			46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P).....	1,841.38	52.88
32 33 43 13-0128	EA			70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P).....	2,155.60	52.88
32 33 43 13-0129	EA			70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6).....	1,099.32	79.33
32 33 43 13-0130	EA			94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8).....	1,151.69	79.33
32 33 43 13-0131	EA			118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	1,557.56	79.33
32 33 43 13-0132	EA			46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E).....	846.35	52.88
32 33 43 13-0133	EA			70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	977.28	52.88
32 33 43 13-0134	EA			94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	1,108.20	52.88
32 33 43 13-0135	EA			118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E).....	1,422.42	52.88
32 33 43 13-0136	EA			142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E).....	1,553.35	52.88
32 33 43 13-0137	EA			46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	859.44	52.88
32 33 43 13-0138	EA			70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	990.37	52.88
32 33 43 13-0139	EA			94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	1,121.29	52.88
32 33 43 13-0140	EA			118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	1,461.70	52.88
32 33 43 13-0141	EA			142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	1,592.62	52.88
32 33 43 13-0142	EA			70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	1,448.61	52.88
32 33 43 13-0143	EA			94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	1,671.18	52.88
32 33 43 13-0144	EA			118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	2,155.60	52.88
32 33 43 13-0145	EA			142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	2,378.18	52.88
32 33 43 13-0146	EA			70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	1,474.79	52.88
32 33 43 13-0147	EA			94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	1,697.36	52.88
32 33 43 13-0148	EA			118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	2,194.88	52.88
32 33 43 13-0149	EA			142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	2,417.45	52.88
32 33 43 13-0150	EA			70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	1,448.61	52.88
32 33 43 13-0151	EA			82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	2,037.77	52.88
32 33 43 13-0152	EA			94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	1,815.20	52.88
32 33 43 13-0153	EA			118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	2,391.27	52.88
32 33 43 13-0154	EA			142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	2,613.84	52.88
32 33 43 13-0155	EA			70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	1,658.09	52.88
32 33 43 13-0156	EA			82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	2,077.05	52.88
32 33 43 13-0157	EA			94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	1,841.38	52.88
32 33 43 13-0158	EA			118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	2,430.55	52.88
32 33 43 13-0159	EA			142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	2,653.12	52.88
32 33 43 13-0160	EA			70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6).....	1,531.37	79.33
32 33 43 13-0161	EA			94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8).....	1,767.04	79.33
32 33 43 13-0162	EA			118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10).....	2,264.55	79.33
32 33 43 13-0163	EA			70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6).....	1,675.39	79.33

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 33 43	13-0164	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8).....	1,911.06	79.33
32 33 43	13-0165	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10).....	2,487.13	79.33
<b>32 33 43</b>	<b>13-0166</b>		<b>Recycled Plastic Benches (Columbia Cascade, TimberForm) (32 33 43 13-0101)</b>		
			Note: Includes powder coated steel frames.		
32 33 43	13-0167	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E).....	1,226.03	52.88
32 33 43	13-0168	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E).....	1,671.18	52.88
32 33 43	13-0169	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P).....	1,265.31	52.88
32 33 43	13-0170	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P).....	1,710.46	52.88
32 33 43	13-0171	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E).....	1,919.94	52.88
32 33 43	13-0172	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E).....	2,247.25	52.88
32 33 43	13-0173	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P).....	2,024.68	52.88
32 33 43	13-0174	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P).....	2,351.99	52.88
32 33 43	13-0175	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6).....	1,230.24	79.33
32 33 43	13-0176	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8).....	1,479.00	79.33
32 33 43	13-0177	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10).....	1,740.85	79.33
32 33 43	13-0178	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2007-6-E).....	1,003.43	52.88
32 33 43	13-0179	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E).....	1,343.87	52.88
32 33 43	13-0180	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E).....	1,605.72	52.88
32 33 43	13-0181	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P).....	1,042.74	52.88
32 33 43	13-0182	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P).....	1,383.14	52.88
32 33 43	13-0183	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P).....	1,658.09	52.88
32 33 43	13-0184	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E).....	1,592.62	52.88
32 33 43	13-0185	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E).....	2,142.51	52.88
32 33 43	13-0186	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E).....	2,600.75	52.88
32 33 43	13-0187	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P).....	1,658.09	52.88
32 33 43	13-0188	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P).....	2,234.16	52.88
32 33 43	13-0189	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P).....	2,692.40	52.88
32 33 43	13-0190	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E).....	3,098.26	52.88
32 33 43	13-0191	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E).....	4,263.50	52.88
32 33 43	13-0192	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E).....	4,721.74	52.88
32 33 43	13-0193	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P).....	3,163.73	52.88
32 33 43	13-0194	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P).....	4,355.15	52.88
32 33 43	13-0195	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P).....	4,813.38	52.88
32 33 43	13-0196	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E).....	1,946.12	52.88
32 33 43	13-0197	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E).....	2,705.49	52.88
32 33 43	13-0198	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E).....	2,587.66	52.88
32 33 43	13-0199	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E).....	2,967.34	52.88
32 33 43	13-0200	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E).....	3,988.56	52.88
32 33 43	13-0201	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P).....	1,972.31	52.88
32 33 43	13-0202	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P).....	2,744.77	52.88
32 33 43	13-0203	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P).....	2,626.93	52.88
32 33 43	13-0204	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P).....	3,006.62	52.88
32 33 43	13-0205	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P).....	4,054.02	52.88
32 33 43	13-0206	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6).....	1,858.69	79.33
32 33 43	13-0207	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8).....	2,500.22	79.33
32 33 43	13-0208	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10).....	3,089.38	79.33
32 33 43	13-0209	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6).....	2,081.26	79.33
32 33 43	13-0210	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8).....	2,775.16	79.33
32 33 43	13-0211	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10).....	3,050.10	79.33
32 33 43	13-0212	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E).....	898.72	52.88
32 33 43	13-0213	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E).....	1,173.66	52.88
32 33 43	13-0214	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E).....	1,579.53	52.88
32 33 43	13-0215	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E).....	1,854.48	52.88
32 33 43	13-0216	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E).....	2,155.60	52.88
32 33 43	13-0217	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P).....	924.91	52.88
32 33 43	13-0218	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P).....	1,199.85	52.88
32 33 43	13-0219	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P).....	1,618.81	52.88



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0220 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P).....	1,893.75	52.88
32 33 43 13-0221 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P).....	2,207.97	52.88
32 33 43 13-0222 EA 70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E).....	1,736.64	52.88
32 33 43 13-0223 EA 94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E).....	2,378.18	52.88
32 33 43 13-0224 EA 118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E).....	2,928.06	52.88
32 33 43 13-0225 EA 142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E).....	3,294.65	52.88
32 33 43 13-0226 EA 70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P).....	1,762.83	52.88
32 33 43 13-0227 EA 94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P).....	2,417.45	52.88
32 33 43 13-0228 EA 118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	2,967.34	52.88
32 33 43 13-0229 EA 142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	3,347.02	52.88
<b>32 33 43 13-0230 Benches (DuMor, Inc.) (32 33 43 13)</b>		
32 33 43 13-0231 EA 6' Cast Bench, Plastic, 2 Supports DuMor Site Furniture 57-60PL.....	1,471.19	49.39
32 33 43 13-0232 EA 6' All-Steel Bench DuMor Site Furniture 58-60.....	1,766.16	49.39
32 33 43 13-0233 EA 8' All-Steel Bench DuMor Site Furniture 58-80.....	1,946.12	49.39
32 33 43 13-0234 EA 6' Backless All-Steel Bench DuMor Site Furniture 92-60.....	1,493.45	49.39
32 33 43 13-0235 EA 8' Backless All-Steel Bench DuMor Site Furniture 92-80.....	1,831.10	49.39
32 33 43 13-0236 EA 6' All-Steel Bench (DuMor Site Furniture 93-60).....	1,695.67	49.39
32 33 43 13-0237 EA 8' All-Steel Bench (DuMor Site Furniture 93-80).....	2,027.75	49.39
32 33 43 13-0238 EA 6' Backless All-Steel Bench (DuMor Site Furniture 95-60).....	1,469.33	49.39
32 33 43 13-0239 EA 8' Backless All-Steel Bench (DuMor Site Furniture 95-80).....	1,691.96	49.39
32 33 43 13-0240 EA 6' All-Steel Bench With Armrest DuMor Site Furniture 160-60.....	1,612.18	49.39
32 33 43 13-0241 EA 8' All-Steel Bench With Armrest DuMor Site Furniture 160-80.....	1,704.94	49.39
<b>32 33 43 53 Site Tables (32 33 43)</b>		
<b>32 33 43 53-0001 Tables (32 33 43 53)</b>		
<b>32 33 43 53-0002 Tables (Wabash) (32 33 43 53-0001)</b>		
32 33 43 53-0003 EA Spyder ADA Round Table (Wabash SY203P).....	2,638.35	95.18
32 33 43 53-0004 EA Shelter With 6' Table (Wabash SH105P).....	7,960.72	95.18
32 33 43 53-0005 EA 46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C).....	2,427.87	95.18
32 33 43 53-0006 EA 46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I).....	2,604.33	105.76
<b>32 33 43 53-0007 Tables (Landscapeforms) (32 33 43 53-0001)</b>		
32 33 43 53-0008 EA Plexus Companion Table For Backed Seat, Straight Runs.....	832.78	98.88
32 33 43 53-0009 EA Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus).....	1,035.64	98.88
32 33 43 53-0010 EA Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus).....	1,035.64	98.88
32 33 43 53-0011 EA Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus).....	1,035.64	98.88
32 33 43 53-0012 EA 6-Person Picnic Table (Landscapeforms Manistee).....	3,079.94	98.88
32 33 43 53-0013 EA 4-Person Picnic Table (Landscapeforms Manistee).....	2,739.14	98.88
32 33 43 53-0014 EA 2-Person Picnic Table (Landscapeforms Manistee).....	2,426.73	98.88
32 33 43 53-0015 EA Umbrella Stand For Picnic Table (Landscapeforms).....	253.57	
32 33 43 53-0016 EA 32" x 72" Picnic Table (Landscapeforms Petoskey).....	2,437.20	95.18
32 33 43 53-0017 EA 62" Backless Metal Rod Bench (Landscapeforms Petoskey).....	1,292.19	74.03
32 33 43 53-0018 EA 29" Backless Metal Rod Bench (Landscapeforms Petoskey).....	1,082.73	74.03
32 33 43 53-0019 EA 58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen).....	2,849.76	95.18
32 33 43 53-0020 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	2,739.14	98.88
32 33 43 53-0021 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	2,739.14	98.88
32 33 43 53-0022 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	3,548.54	98.88
32 33 43 53-0023 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	3,548.54	98.88
32 33 43 53-0024 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	2,923.74	98.88
32 33 43 53-0025 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	2,923.74	98.88
32 33 43 53-0026 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,733.14	98.88
32 33 43 53-0027 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,733.14	98.88
32 33 43 53-0028 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel).....	2,852.74	98.88
32 33 43 53-0029 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel).....	2,852.74	98.88
32 33 43 53-0030 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel).....	3,718.94	98.88
32 33 43 53-0031 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel).....	3,718.94	98.88
32 33 43 53-0032 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,037.34	98.88
32 33 43 53-0033 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,037.34	98.88
32 33 43 53-0034 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,903.54	98.88
32 33 43 53-0035 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,903.54	98.88
32 33 43 53-0036 EA 3 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	2,909.54	98.88
32 33 43 53-0037 EA 4 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	2,909.54	98.88
32 33 43 53-0038 EA 5 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	3,733.14	98.88
32 33 43 53-0039 EA 6 Seat Table, Backed, Grid Seats And Fiberglass Top (Landscapeforms Carousel).....	3,733.14	98.88
32 33 43 53-0040 EA 3 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,094.14	98.88
32 33 43 53-0041 EA 4 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel).....	3,094.14	98.88

**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 33 43 53-0042	EA		5 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,917.74	98.88
32 33 43 53-0043	EA		6 Seat Table, Backed, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,917.74	98.88
32 33 43 53-0044	EA		3 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,051.54	98.88
32 33 43 53-0045	EA		4 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,051.54	98.88
32 33 43 53-0046	EA		5 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,946.14	98.88
32 33 43 53-0047	EA		6 Seat Table, Backed, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,946.14	98.88
32 33 43 53-0048	EA		3 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,236.14	98.88
32 33 43 53-0049	EA		4 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,236.14	98.88
32 33 43 53-0050	EA		5 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,130.74	98.88
32 33 43 53-0051	EA		6 Seat Table, Backed, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,130.74	98.88
32 33 43 53-0052	EA		3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,544.39	98.88
32 33 43 53-0053	EA		4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,544.39	98.88
32 33 43 53-0054	EA		5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,343.14	98.88
32 33 43 53-0055	EA		6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,343.14	98.88
32 33 43 53-0056	EA		3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,645.82	98.88
32 33 43 53-0057	EA		4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,645.82	98.88
32 33 43 53-0058	EA		5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,431.89	98.88
32 33 43 53-0059	EA		6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,431.89	98.88
32 33 43 53-0060	EA		3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,658.50	98.88
32 33 43 53-0061	EA		4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,658.50	98.88
32 33 43 53-0062	EA		5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,495.29	98.88
32 33 43 53-0063	EA		6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,495.29	98.88
32 33 43 53-0064	EA		3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,747.25	98.88
32 33 43 53-0065	EA		4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,747.25	98.88
32 33 43 53-0066	EA		5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,584.04	98.88
32 33 43 53-0067	EA		6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,584.04	98.88
32 33 43 53-0068	EA		3 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,709.21	98.88
32 33 43 53-0069	EA		4 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	2,709.21	98.88
32 33 43 53-0070	EA		5 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,520.64	98.88
32 33 43 53-0071	EA		6 Seat Table, Backed, Grid Seats And Catena Top (Landscapeforms Carousel)	3,520.64	98.88
32 33 43 53-0072	EA		3 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,804.30	98.88
32 33 43 53-0073	EA		4 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,804.30	98.88
32 33 43 53-0074	EA		5 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,609.39	98.88
32 33 43 53-0075	EA		6 Seat Table, Backed, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,609.39	98.88
32 33 43 53-0076	EA		3 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,867.70	98.88
32 33 43 53-0077	EA		4 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,867.70	98.88
32 33 43 53-0078	EA		5 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,767.88	98.88
32 33 43 53-0079	EA		6 Seat Table, Backed, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,767.88	98.88
32 33 43 53-0080	EA		3 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,956.45	98.88
32 33 43 53-0081	EA		4 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,956.45	98.88
32 33 43 53-0082	EA		5 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,856.63	98.88
32 33 43 53-0083	EA		6 Seat Table, Backed, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,856.63	98.88

**32 33 43 53-0084 Tables (Columbia Cascade Co. - TimberForm) (32 33 43 53-0001)**

32 33 43 53-0085	EA		Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,870.39	123.53
32 33 43 53-0086	EA		Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,940.17	123.53
32 33 43 53-0087	EA		Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	4,112.63	123.53
32 33 43 53-0088	EA		Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	5,122.98	123.53
32 33 43 53-0089	EA		Table With Four Seats (Columbia Cascade Co. 2054-E)	2,745.70	123.53
32 33 43 53-0090	EA		Table With Four Seats (Columbia Cascade Co. 2054-P)	2,983.42	123.53
32 33 43 53-0091	EA		Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,344.53	123.53
32 33 43 53-0092	EA		Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,552.54	123.53
32 33 43 53-0093	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-E)	3,057.71	123.53
32 33 43 53-0094	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-P)	3,265.73	123.53
32 33 43 53-0095	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,928.82	123.53
32 33 43 53-0096	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E)	2,715.98	123.53
32 33 43 53-0097	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P)	2,923.99	123.53
32 33 43 53-0098	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,588.09	123.53
32 33 43 53-0099	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,369.73	123.53
32 33 43 53-0100	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P)	3,607.46	123.53
32 33 43 53-0101	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E)	3,934.34	123.53
32 33 43 53-0102	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P)	4,172.06	123.53
32 33 43 53-0103	EA		Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,929.82	123.53
32 33 43 53-0104	EA		Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P)	5,167.55	123.53
32 33 43 53-0105	EA		Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E)	4,929.82	123.53
32 33 43 53-0106	EA		Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P)	5,167.55	123.53
32 33 43 53-0107	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6)	1,160.68	49.39
32 33 43 53-0108	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,546.99	49.39
32 33 43 53-0109	EA		Gameboard (Columbia Cascade Co. 2095)	335.18	24.75
32 33 43 53-0110	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E)	3,369.73	123.53
32 33 43 53-0111	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E)	3,845.19	123.53
32 33 43 53-0112	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P)	3,607.46	123.53
32 33 43 53-0113	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P)	4,082.92	123.53
32 33 43 53-0114	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E)	3,741.18	123.53
32 33 43 53-0115	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E)	4,216.64	123.53
32 33 43 53-0116	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P)	3,978.91	123.53
32 33 43 53-0117	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P)	4,454.37	123.53
32 33 43 53-0118	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6)	3,151.65	49.39
32 33 43 53-0119	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8)	3,537.96	49.39
32 33 43 53-0120	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6)	3,523.10	49.39





MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 33 43 53-0121	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8)		3,909.41	49.39
32 33 43 53-0122	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E)		7,931.14	123.53
32 33 43 53-0123	EA	Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P)		8,763.19	123.53
32 33 43 53-0124	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E)		7,931.14	123.53
32 33 43 53-0125	EA	Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P)		8,763.19	123.53
32 33 43 53-0126	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-E)		1,973.08	123.53
32 33 43 53-0127	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-E)		2,166.23	123.53
32 33 43 53-0128	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-E)		2,359.39	123.53
32 33 43 53-0129	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0030-P)		2,106.80	123.53
32 33 43 53-0130	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0036-P)		2,299.96	123.53
32 33 43 53-0131	EA	Round Table With Center Support (Columbia Cascade Co. 2902-0042-P)		2,493.11	123.53
32 33 43 53-0132	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-E)		1,928.51	123.53
32 33 43 53-0133	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-E)		2,062.23	123.53
32 33 43 53-0134	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-E)		2,195.95	123.53
32 33 43 53-0135	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3030-P)		2,062.23	123.53
32 33 43 53-0136	EA	Square Table With Center Support (Columbia Cascade Co. 2902-3636-P)		2,195.95	123.53
32 33 43 53-0137	EA	Square Table With Center Support (Columbia Cascade Co. 2902-4242-P)		2,329.67	123.53
32 33 43 53-0138	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E)		1,869.07	123.53
32 33 43 53-0139	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E)		2,062.23	123.53
32 33 43 53-0140	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E)		2,255.38	123.53
32 33 43 53-0141	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P)		1,869.07	123.53
32 33 43 53-0142	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P)		2,062.23	123.53
32 33 43 53-0143	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P)		2,255.38	123.53
32 33 43 53-0144	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L)		1,869.07	123.53
32 33 43 53-0145	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L)		2,062.23	123.53
32 33 43 53-0146	EA	Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L)		2,255.38	123.53
32 33 43 53-0147	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E)		1,779.93	123.53
32 33 43 53-0148	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E)		1,913.65	123.53
32 33 43 53-0149	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E)		2,047.37	123.53
32 33 43 53-0150	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P)		1,779.93	123.53
32 33 43 53-0151	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P)		1,913.65	123.53
32 33 43 53-0152	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P)		2,047.37	123.53
32 33 43 53-0153	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L)		1,779.93	123.53
32 33 43 53-0154	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L)		1,913.65	123.53
32 33 43 53-0155	EA	Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L)		2,047.37	123.53
32 33 43 53-0156	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-E)		1,705.64	123.53
32 33 43 53-0157	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-E)		1,898.79	123.53
32 33 43 53-0158	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-E)		2,091.94	123.53
32 33 43 53-0159	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0030-P)		1,839.36	123.53
32 33 43 53-0160	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0036-P)		2,032.51	123.53
32 33 43 53-0161	EA	Round Table With Center Support (Columbia Cascade Co. 2912-0042-P)		2,225.67	123.53
32 33 43 53-0162	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-E)		1,586.77	123.53
32 33 43 53-0163	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-E)		1,705.64	123.53
32 33 43 53-0164	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-E)		1,839.36	123.53
32 33 43 53-0165	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3030-P)		1,705.64	123.53
32 33 43 53-0166	EA	Square Table With Center Support (Columbia Cascade Co. 2912-3636-P)		1,839.36	123.53
32 33 43 53-0167	EA	Square Table With Center Support (Columbia Cascade Co. 2912-4242-P)		1,973.08	123.53
32 33 43 53-0168	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E)		1,794.78	123.53
32 33 43 53-0169	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E)		1,987.94	123.53
32 33 43 53-0170	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E)		2,181.09	123.53
32 33 43 53-0171	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P)		1,794.78	123.53
32 33 43 53-0172	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P)		1,987.94	123.53
32 33 43 53-0173	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)		2,181.09	123.53
32 33 43 53-0174	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)		1,794.78	123.53
32 33 43 53-0175	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)		1,987.94	123.53
32 33 43 53-0176	EA	Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)		2,181.09	123.53
32 33 43 53-0177	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)		1,690.78	123.53
32 33 43 53-0178	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)		1,824.50	123.53
32 33 43 53-0179	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)		1,958.22	123.53
32 33 43 53-0180	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)		1,690.78	123.53
32 33 43 53-0181	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)		1,824.50	123.53
32 33 43 53-0182	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)		1,958.22	123.53
32 33 43 53-0183	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)		1,690.78	123.53
32 33 43 53-0184	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)		1,824.50	123.53
32 33 43 53-0185	EA	Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)		1,958.22	123.53
32 33 43 53-0186	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)		1,586.77	123.53
32 33 43 53-0187	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)		1,646.20	123.53
32 33 43 53-0188	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)		1,705.64	123.53
32 33 43 53-0189	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)		1,720.49	123.53
32 33 43 53-0190	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)		1,779.93	123.53
32 33 43 53-0191	EA	Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)		1,839.36	123.53
32 33 43 53-0192	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)		1,571.91	123.53
32 33 43 53-0193	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)		1,616.49	123.53
32 33 43 53-0194	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)		1,661.06	123.53
32 33 43 53-0195	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)		1,705.64	123.53
32 33 43 53-0196	EA	Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)		1,750.21	123.53
32 33 43 53-0197	EA	Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)		1,794.78	123.53
32 33 43 53-0198	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)		1,616.49	123.53
32 33 43 53-0199	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)		1,675.92	123.53
32 33 43 53-0200	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)		1,735.35	123.53
32 33 43 53-0201	EA	Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)		1,616.49	123.53



**32 Exterior Improvements****32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 33 43 53-0202	EA		Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P).....	1,675.92	123.53
32 33 43 53-0203	EA		Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P).....	1,735.35	123.53
32 33 43 53-0204	EA		Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L).....	1,616.49	123.53
32 33 43 53-0205	EA		Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L).....	1,675.92	123.53
32 33 43 53-0206	EA		Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L).....	1,735.35	123.53
32 33 43 53-0207	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E).....	1,616.49	123.53
32 33 43 53-0208	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E).....	1,661.06	123.53
32 33 43 53-0209	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E).....	1,705.64	123.53
32 33 43 53-0210	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P).....	1,616.49	123.53
32 33 43 53-0211	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P).....	1,661.06	123.53
32 33 43 53-0212	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P).....	1,705.64	123.53
32 33 43 53-0213	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L).....	1,616.49	123.53
32 33 43 53-0214	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L).....	1,661.06	123.53
32 33 43 53-0215	EA		Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L).....	1,705.64	123.53
32 33 43 53-0216	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0030-E).....	1,646.20	123.53
32 33 43 53-0217	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0036-E).....	1,705.64	123.53
32 33 43 53-0218	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0042-E).....	1,765.07	123.53
32 33 43 53-0219	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0030-P).....	1,779.93	123.53
32 33 43 53-0220	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0036-P).....	1,839.36	123.53
32 33 43 53-0221	EA		Round Table With Center Support (Columbia Cascade Co. 2932-0042-P).....	1,898.79	123.53
32 33 43 53-0222	EA		Square Table With Center Support (Columbia Cascade Co. 2932-3030-E).....	1,750.21	123.53
32 33 43 53-0223	EA		Square Table With Center Support (Columbia Cascade Co. 2932-3636-E).....	1,794.78	123.53
32 33 43 53-0224	EA		Square Table With Center Support (Columbia Cascade Co. 2932-4242-E).....	1,839.36	123.53
32 33 43 53-0225	EA		Square Table With Center Support (Columbia Cascade Co. 2932-3030-P).....	1,883.93	123.53
32 33 43 53-0226	EA		Square Table With Center Support (Columbia Cascade Co. 2932-3636-P).....	1,928.51	123.53
32 33 43 53-0227	EA		Square Table With Center Support (Columbia Cascade Co. 2932-4242-P).....	1,973.08	123.53
32 33 43 53-0228	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E).....	1,720.49	123.53
32 33 43 53-0229	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E).....	1,779.93	123.53
32 33 43 53-0230	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E).....	1,839.36	123.53
32 33 43 53-0231	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P).....	1,720.49	123.53
32 33 43 53-0232	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P).....	1,779.93	123.53
32 33 43 53-0233	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P).....	1,839.36	123.53
32 33 43 53-0234	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L).....	1,720.49	123.53
32 33 43 53-0235	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L).....	1,779.93	123.53
32 33 43 53-0236	EA		Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L).....	1,839.36	123.53
32 33 43 53-0237	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E).....	1,824.50	123.53
32 33 43 53-0238	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E).....	1,869.07	123.53
32 33 43 53-0239	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E).....	1,913.65	123.53
32 33 43 53-0240	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P).....	1,824.50	123.53
32 33 43 53-0241	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P).....	1,869.07	123.53
32 33 43 53-0242	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P).....	1,913.65	123.53
32 33 43 53-0243	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L).....	1,824.50	123.53
32 33 43 53-0244	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L).....	1,869.07	123.53
32 33 43 53-0245	EA		Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L).....	1,913.65	123.53
32 33 43 53-0246	EA		Square Table With Center Support (Columbia Cascade Co. 2942-3030-E).....	1,393.62	123.53
32 33 43 53-0247	EA		Square Table With Center Support (Columbia Cascade Co. 2942-3636-E).....	1,438.19	123.53
32 33 43 53-0248	EA		Square Table With Center Support (Columbia Cascade Co. 2942-4242-E).....	1,482.77	123.53
32 33 43 53-0249	EA		Square Table With Center Support (Columbia Cascade Co. 2942-3030-P).....	1,527.34	123.53
32 33 43 53-0250	EA		Square Table With Center Support (Columbia Cascade Co. 2942-3636-P).....	1,571.91	123.53
32 33 43 53-0251	EA		Square Table With Center Support (Columbia Cascade Co. 2942-4242-P).....	1,616.49	123.53
32 33 43 53-0252	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0030-E).....	1,646.20	123.53
32 33 43 53-0253	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0036-E).....	1,705.64	123.53
32 33 43 53-0254	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0042-E).....	1,765.07	123.53
32 33 43 53-0255	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0030-P).....	1,482.77	123.53
32 33 43 53-0256	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0036-P).....	1,542.20	123.53
32 33 43 53-0257	EA		Round Table With Center Support (Columbia Cascade Co. 2962-0042-P).....	1,601.63	123.53
32 33 43 53-0258	EA		Square Table With Center Support (Columbia Cascade Co. 2962-3030-E).....	1,363.90	123.53
32 33 43 53-0259	EA		Square Table With Center Support (Columbia Cascade Co. 2962-3636-E).....	1,408.48	123.53
32 33 43 53-0260	EA		Square Table With Center Support (Columbia Cascade Co. 2962-4242-E).....	1,453.05	123.53
32 33 43 53-0261	EA		Square Table With Center Support (Columbia Cascade Co. 2962-3030-P).....	1,497.62	123.53
32 33 43 53-0262	EA		Square Table With Center Support (Columbia Cascade Co. 2962-3636-P).....	1,542.20	123.53
32 33 43 53-0263	EA		Square Table With Center Support (Columbia Cascade Co. 2962-4242-P).....	1,586.77	123.53

**32 33 43 53-0264 Picnic Tables (32 33 43 53)****32 33 43 53-0265 Wooden Picnic Tables (32 33 43 53-0264)**

32 33 43 53-0266	EA		6' Permanent Rectangular Redwood Table.....	928.10	79.33
------------------	----	--	---	--------	-------

**32 33 43 53-0267 Portable Picnic Tables (32 33 43 53-0264)**

32 33 43 53-0268	EA		6' Wood Table With Aluminum Frame.....	1,473.76	52.88
32 33 43 53-0269	EA		6' Aluminum Table And Frame.....	2,134.87	52.88
32 33 43 53-0270	EA		8' Aluminum Table And Frame.....	2,547.81	66.11
32 33 43 53-0271	EA		6' Steel Table And Frame.....	1,319.28	52.88
32 33 43 53-0272	EA		8' Steel Table And Frame.....	1,511.62	66.11

**32 33 43 53-0273 Concrete Picnic Tables (32 33 43 53-0264)**

32 33 43 53-0274	EA		72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikrete QLBT72PT).....	2,628.34	211.53
------------------	----	--	---	----------	--------



		<b>Exterior Improvements</b>	<b>32</b>
		Site Improvements	32 30
		Site Furnishings	32 33

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43	53-0275	EA	96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT).....	3,034.60	
			Note: Standard sealer		
32 33 43	53-0276	EA	102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA).....	3,044.19	
			Note: Standard sealer		
32 33 43	53-0277	EA	42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC).....	3,226.10	
			Note: Includes table top, four benches and mounting hardware.		
<b>32 33 43</b>	<b>53-0278</b>		<b>Plastic Picnic Tables</b> <small>(32 33 43 53-0264)</small>		
			Note: Manufactured from recycled plastic.		
<b>32 33 43</b>	<b>53-0279</b>		<b>Pedestal Tables - 4' Square, 2 Seats</b> <small>(32 33 43 53-0278)</small>		
32 33 43	53-0280	EA	3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats .....	1,617.80	79.33
32 33 43	53-0281	EA	4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats .....	1,772.80	79.33
<b>32 33 43</b>	<b>53-0282</b>		<b>Pedestal Tables - 4' Square, 4 Seats</b> <small>(32 33 43 53-0278)</small>		
32 33 43	53-0283	EA	3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats .....	2,120.43	79.33
32 33 43	53-0284	EA	4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats .....	2,328.57	79.33
<b>32 33 43</b>	<b>53-0285</b>		<b>Recycled Plastic Tables</b> <small>(32 33 43 53-0278)</small>		
32 33 43	53-0286	EA	6' Standard "Step-Over" Table, Recycled Plastic Lumber .....	2,777.29	79.33
32 33 43	53-0287	EA	6' " Walk-Through" Table, Recycled Plastic Lumber.....	2,313.12	79.33
32 33 43	53-0288	EA	7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends .....	2,526.44	79.33
32 33 43	53-0289	EA	8' " Walk-Through" Table, Recycled Plastic Lumber, ADA Ends .....	2,362.61	79.33
32 33 43	53-0290	EA	8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends .....	2,973.12	79.33
32 33 43	53-0291	EA	4' Youth Table, Recycled Plastic Lumber .....	1,182.83	63.46

**32 39 Manufactured Site Specialties** (32 39)

Note: Excludes coredrilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0075 for concrete core drilling, 02 41 19 13-0213 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

**32 39 13 Manufactured Metal Bollards** (32 39)

**32 39 13 00-0001 Metal Pipe Bollards** (32 39 13)

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

**32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated** (32 39 13 00-0001)

32 39 13 00-0003	LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	106.26	14.29
		<i>For Galvanized Steel, Add</i>	13.21	
		<i>For 304 Stainless Steel, Add</i>	104.88	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	138.28	
		<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>	95.06	
		<i>For Schedule 80, Add</i>	14.51	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	11.26	
32 39 13 00-0004	LF	6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	151.11	14.29
		<i>For Galvanized Steel, Add</i>	20.83	
		<i>For 304 Stainless Steel, Add</i>	165.43	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	138.28	
		<i>For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add</i>	95.06	
		<i>For Schedule 80, Add</i>	21.24	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	15.89	
32 39 13 00-0005	LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	217.47	17.86
		<i>For Galvanized Steel, Add</i>	30.90	
		<i>For 304 Stainless Steel, Add</i>	245.36	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	180.88	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	139.60	
		<i>For Schedule 80, Add</i>	30.83	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	21.20	
32 39 13 00-0006	LF	10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	291.52	21.43
		<i>For Galvanized Steel, Add</i>	42.27	
		<i>For 304 Stainless Steel, Add</i>	335.69	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	209.44	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	153.88	
		<i>For Schedule 80, Add</i>	41.59	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	25.92	
32 39 13 00-0007	LF	12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated .....	365.73	28.57
		<i>For Galvanized Steel, Add</i>	52.46	
		<i>For 304 Stainless Steel, Add</i>	416.60	
		<i>For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add</i>	287.56	
		<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	211.15	
		<i>For Schedule 80, Add</i>	52.00	
		<i>For Concrete Fill, Add Per LF Of Pipe Bollard</i>	30.22	

**32 39 23 Manufactured Concrete Bollards** (32 39)

**32 Exterior Improvements****32 30 Site Improvements****32 39 Manufactured Site Specialties**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 39 23 00-0001	<b>Concrete Bollards</b> <small>(32 39 23)</small>		
	Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 23 00-0002	<b>Concrete Bollard, Exposed Aggregate</b> <small>(32 39 23 00-0001)</small>		
32 39 23 00-0003	EA 12" x 12" x 30" High Concrete Bollard, Light Media Blast.....	704.07	114.29
	Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 23 00-0004	EA 12" Diameter x 30" High Concrete Bollard, Light Media Blast.....	704.07	114.29
	Note: Surface mounted with anchor bolts embedded into grout pockets.		
<b>32 39 25</b>	<b>Manufactured Wood Bollards</b> <small>(32 39)</small>		
32 39 25 00-0001	<b>Wood Bollards</b> <small>(32 39 25)</small>		
	Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002	<b>Wood Bollard, Pressure Treated Timber</b> <small>(32 39 25 00-0001)</small>		
32 39 25 00-0003	LF 4" x 4", Pressure Treated Wood Bollard.....	26.47	11.43
	<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	92.72	
32 39 25 00-0004	LF 6" x 6", Pressure Treated Wood Bollard.....	30.29	11.43
	<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	92.72	
32 39 25 00-0005	LF 8" x 8", Pressure Treated Wood Bollard.....	38.94	12.86
	<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	136.62	
32 39 25 00-0006	LF 10" x 10", Pressure Treated Wood Bollard.....	54.91	17.15
	<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	153.78	
32 39 25 00-0007	LF 12" x 12", Pressure Treated Wood Bollard.....	75.42	22.85
	<i>For Each Sleeve For Removable, Lockable Bollard, Add</i>	212.53	
<b>32 39 27</b>	<b>Manufactured Plastic Bollards</b> <small>(32 39)</small>		
32 39 27 00-0001	<b>Plastic Bollards</b> <small>(32 39 27)</small>		
	See CSI section 32 31 13 13-0001 for augering and filling holes for bollards., 32 31 13 13-0018 for concrete fill.		
32 39 27 00-0002	<b>Recycled Plastic Bollards</b> <small>(32 39 27 00-0001)</small>		
32 39 27 00-0003	EA 6" x 6" x 33" Surface Mounted Recycled Plastic Bollard.....	366.21	57.14
	Note: Includes anchor bolts.		
32 39 27 00-0004	EA 6" Diameter x 6' Steel Reinforced Recycled Plastic Bollard.....	590.48	57.14
32 39 27 00-0005	<b>Plastic Bollard Covers</b> <small>(32 39 27 00-0001)</small>		
32 39 27 00-0006	EA 4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	93.74	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0007	EA 6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	101.44	14.93
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0008	EA 3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe.....	127.05	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0009	EA 3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe.....	127.05	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0010	EA 3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe.....	142.60	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0011	EA 4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	127.05	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0012	EA 4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	129.27	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0013	EA 5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	127.05	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0014	EA 5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	129.27	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0015	EA 5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	180.35	13.57
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0016	EA 6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	129.76	14.93
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0017	EA 6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	165.29	14.93
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0018	EA 6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	188.05	14.93
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0019	EA 7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	159.12	16.29
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0020	EA 8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe.....	172.44	16.29
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0021	EA 8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe.....	172.44	16.29
	<i>For Reflective Tape, Add</i>	10.58	
32 39 27 00-0022	EA 10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe.....	232.43	16.29
	<i>For Reflective Tape, Add</i>	10.58	
<b>32 39 29</b>	<b>Manufactured Stone Bollards</b> <small>(32 39)</small>		
32 39 29 00-0001	<b>Stone Bollards</b> <small>(32 39 29)</small>		
	See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 29 00-0002	<b>Granite Bollards</b> <small>(32 39 29 00-0001)</small>		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 29 00-0003	EA		16" x 16" x 30" Granite Bollard, Smooth Matt Finish..... Note: Surface mounted with anchors embedded into grout pockets.	1,675.80	142.86
32 39 29 00-0004	EA		16" x 16" x 54" Granite Bollard, Smooth Matt Finish..... Note: Surface mounted with anchors embedded into grout pockets.	2,118.66	200.01
32 39 29 00-0005	EA		12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top ..... Note: Surface mounted with anchors embedded into grout pockets.	1,028.78	142.86
32 39 29 00-0006	EA		12" Diameter x 18" Granite Bollard, Smooth Matt Finish ..... Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,542.84	114.29
32 39 29 00-0007	EA		24" x 24" x 20" Granite Bollard, Octagonal Cross Section ..... Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	2,313.71	114.29

## 32 80 Irrigation <sup>(32)</sup>

### 32 84 Planting Irrigation <sup>(32 80)</sup>

#### 32 84 13 Drip Irrigation <sup>(32 84)</sup>

##### 32 84 13 00-0001 Drip Emitter Irrigation Devices <sup>(32 84 13)</sup>

##### 32 84 13 00-0002 Drip Emitter Irrigation Valves <sup>(32 84 13 00-0001)</sup>

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050).....	51.61	11.51
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV100).....	88.12	11.51
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075).....	85.58	11.51
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LRV075TBOS).....	119.88	11.51

##### 32 84 13 00-0007 Drip Emitter Irrigation Filters <sup>(32 84 13 00-0001)</sup>

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075).....	192.37	11.51
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100).....	194.26	11.51
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX).....	67.56	11.51
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX).....	69.07	11.51
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100).....	209.94	11.51
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY).....	90.27	11.51
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY).....	102.09	11.51

##### 32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators <sup>(32 84 13 00-0001)</sup>

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075).....	66.03	11.51
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075).....	66.03	11.51
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075).....	66.03	11.51
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100).....	78.46	11.51

##### 32 84 13 00-0020 Drip Emitter Irrigation Tubing <sup>(32 84 13 00-0001)</sup>

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.					
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100).....	4.62	1.61	
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100).....	4.05	1.84	
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100).....	3.42	1.61	
<i>For Shallow Trenching And Backfill By Hand, Add</i>			6.60		
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100).....	4.16	1.84	
<i>For Shallow Trenching And Backfill By Hand, Add</i>			7.16		

##### 32 84 13 00-0025 Drip Emitter Irrigation Fittings <sup>(32 84 13 00-0001)</sup>

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN).....	3.11	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL).....	3.15	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE).....	3.22	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025).....	3.44	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX).....	3.07	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP).....	3.33	
<i>For Compression Fitting, Add</i>			0.45	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW).....	3.46	
<i>For Compression Fitting, Add</i>			0.58	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE).....	3.52	
<i>For Compression Fitting, Add</i>			0.64	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050).....	3.56	
<i>For Compression Fitting, Add</i>			0.68	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFFDCROSS).....	3.83	
<i>For Compression Fitting, Add</i>			0.95	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP).....	4.14	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND).....	2.04	

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>32 84 13 00-0038</b>	<b>Drip Emitters</b> (32 84 13 00-0001)		
32 84 13 00-0039	EA 0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC).....	6.44	
32 84 13 00-0040	EA 5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24) .....	7.65	
32 84 13 00-0041	EA 0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056).....	17.17	
<b>32 84 13 00-0042</b>	<b>Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters</b> (32 84 13 00-0001)		
32 84 13 00-0043	EA Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK).....	24.88	10.35
32 84 13 00-0044	EA Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK) .....	24.94	10.35
32 84 13 00-0045	EA 12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL).....	28.28	10.35
32 84 13 00-0046	EA 24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL).....	28.63	10.35
32 84 13 00-0047	EA 4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL) .....	42.54	13.57
	Note: Includes nozzle.		
32 84 13 00-0048	EA 6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL) .....	46.84	13.57
	Note: Includes nozzle.		
32 84 13 00-0049	EA 12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL) .....	50.23	13.57
	Note: Includes nozzle.		
<b>32 84 13 00-0050</b>	<b>Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS)</b> (32 84 13 00-0001)		
	Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF 0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield) .....	4.66	2.01
<b>32 84 23</b>	<b>Underground Sprinklers</b> (32 84)		
<b>32 84 23 00-0001</b>	<b>Sprinkler Heads</b> (32 84 23)		
<b>32 84 23 00-0002</b>	<b>Spray Sprinkler Heads</b> (32 84 23 00-0001)		
	Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA 2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P).....	37.08	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0004	EA 4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P) .....	34.64	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0005	EA 6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P) .....	43.67	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0006	EA 12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P) .....	51.24	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0007	EA 4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM) .....	38.04	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0008	EA 6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM) .....	50.76	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0009	EA 12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM) .....	56.88	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0010	EA 4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS).....	41.66	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0011	EA 6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS).....	53.25	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0012	EA 12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS) .....	58.97	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0013	EA 4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS).....	43.11	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0014	EA 6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS).....	60.90	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0015	EA 12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS).....	66.54	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0016	EA Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300) .....	29.89	12.71
	For Rotary Nozzle, Add	3.25	
32 84 23 00-0017	EA Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400).....	35.54	12.71
<b>32 84 23 00-0018</b>	<b>Gear-Drive, Rotary Sprinkler Heads</b> (32 84 23 00-0001)		
	Note: Maximum spacing is equivalent to maximum radius.		
<b>32 84 23 00-0019</b>	<b>1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> (32 84 23 00-0018)		
	Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC).....	54.95	12.71
	For Non-Potable Cover, Add	2.00	
32 84 23 00-0021	EA 4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM) .....	56.96	12.71
	For Non-Potable Cover, Add	2.00	
<b>32 84 23 00-0022</b>	<b>3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> (32 84 23 00-0018)		
	Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		





		<b>Exterior Improvements</b>	<b>32</b>
		Irrigation	32 80
		Planting Irrigation	32 84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0023	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	50.11 2.00 9.00	12.71
32 84 23 00-0024	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	71.86 2.00 9.00	12.71
32 84 23 00-0025	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	54.14 2.00 9.00	12.71
32 84 23 00-0026	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	75.08 2.00 9.00	12.71
32 84 23 00-0027	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	55.75 2.00 9.00	12.71
32 84 23 00-0028	EA		4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	58.97 2.00 9.00	12.71
32 84 23 00-0029	EA		6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	79.91 2.00 9.00	12.71
32 84 23 00-0030	EA		12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	92.79 2.00 9.00	12.71
32 84 23 00-0031	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)..... <i>For Non-Potable Cover, Add</i>	58.57 2.00	12.71
32 84 23 00-0032	EA		Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)..... <i>For Non-Potable Cover, Add</i>	71.45 2.00	12.71
32 84 23 00-0033			<b>1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034	EA		4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i> <i>For Stainless Steel Riser And High Speed Rotor, Add</i>	102.05 2.00 9.00 59.26	12.71
32 84 23 00-0035			<b>1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads</b> <small>(32 84 23 00-0018)</small> Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036	EA		5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)..... <i>For Non-Potable Cover, Add</i> <i>For Stainless Steel Riser, Add</i>	148.76 2.00 9.00	12.71
32 84 23 00-0037			<b>Impact-Drive Sprinkler Heads</b> <small>(32 84 23 00-0001)</small> Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038	EA		1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)..... <i>For Non-Potable Cover, Add</i>	79.51 2.00	12.71
32 84 23 00-0039	EA		1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08).....	60.18	12.71
32 84 23 00-0040	EA		3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB).....	124.57	12.71
32 84 23 00-0041			<b>Electric Remote Control Irrigation Valves</b> <small>(32 84 23)</small>		
32 84 23 00-0042			<b>0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series)</b> <small>(32 84 23 00-0041)</small> Note: 15 to 150 PSI.		
32 84 23 00-0043	EA		3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV).....	156.38	52.98
32 84 23 00-0044	EA		1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV).....	156.38	52.98
32 84 23 00-0045	EA		1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA).....	157.99	52.98
32 84 23 00-0046			<b>0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series)</b> <small>(32 84 23 00-0041)</small> Note: 15 to 150 PSI.		
32 84 23 00-0047	EA		1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF).....	157.99	52.98
32 84 23 00-0048			<b>0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series)</b> <small>(32 84 23 00-0041)</small> Note: 20 to 200 PSI.		

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 84 23 00-0049	EA	1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB) .....		286.83	52.98
32 84 23 00-0050	EA	1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB) .....		343.20	52.98
32 84 23 00-0051	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB) .....		415.67	52.98
<b>32 84 23 00-0052</b>		<b>5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) (32 84 23 00-0041)</b>			
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.			
32 84 23 00-0053	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D) .....		422.34	59.55
32 84 23 00-0054	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D) .....		478.71	59.55
32 84 23 00-0055	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D) .....		551.18	59.55
<b>32 84 23 00-0056</b>		<b>20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) (32 84 23 00-0041)</b>			
		Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.			
32 84 23 00-0057	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D) .....		502.87	59.55
32 84 23 00-0058	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D) .....		559.24	59.55
32 84 23 00-0059	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D) .....		631.71	59.55
<b>32 84 23 00-0060</b>		<b>0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) (32 84 23 00-0041)</b>			
		Note: 20 to 200 PSI operating range pressure.			
32 84 23 00-0061	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B) .....		447.15	52.98
32 84 23 00-0062	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B) .....		706.30	52.98
32 84 23 00-0063	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B) .....		729.72	52.98
32 84 23 00-0064	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B) .....		1,754.80	71.52
<b>32 84 23 00-0065</b>		<b>5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) (32 84 23 00-0041)</b>			
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.			
32 84 23 00-0066	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP) .....		404.87	59.55
32 84 23 00-0067	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB-CP) .....		481.93	59.55
32 84 23 00-0068	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB-CP) .....		565.60	59.55
32 84 23 00-0069	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP) .....		675.76	59.55
<b>32 84 23 00-0070</b>		<b>0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041)</b>			
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.			
32 84 23 00-0071	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B-FS) .....		549.72	59.55
32 84 23 00-0072	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B-FS) .....		857.18	59.55
32 84 23 00-0073	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B-FS) .....		883.53	59.55
32 84 23 00-0074	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B-FS) .....		1,887.91	59.55
<b>32 84 23 00-0075</b>		<b>0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041)</b>			
		Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.			
32 84 23 00-0076	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G-B ACCU-SYNC-ADJ) .....		564.28	52.98
32 84 23 00-0077	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-151G-B ACCU-SYNC-ADJ) .....		823.43	52.98
32 84 23 00-0078	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G-B ACCU-SYNC-ADJ) .....		846.85	52.98
32 84 23 00-0079	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G-B ACCU-SYNC-ADJ) .....		1,871.93	71.52
<b>32 84 23 00-0080</b>		<b>5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) (32 84 23 00-0041)</b>			
		Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.			
32 84 23 00-0081	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D) .....		525.66	59.55



<b>Exterior Improvements</b>		<b>32</b>
Irrigation		32 80
Planting Irrigation		32 84

32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0082	EA		1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D).....	602.72	59.55
32 84 23 00-0083	EA		1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D).....	686.39	59.55
32 84 23 00-0084	EA		2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D).....	796.54	59.55
<b>32 84 23 00-0085</b>			<b>0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series)</b> (32 84 23 00-0041)		
			Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0086	EA		1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ).....	666.85	59.55
32 84 23 00-0087	EA		1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ).....	974.31	59.55
32 84 23 00-0088	EA		2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ).....	1,000.66	59.55
32 84 23 00-0089	EA		3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ).....	2,005.03	59.55
<b>32 84 23 00-0090</b>			<b>Irrigation Valve Boxes</b> (32 84 23)		
			Note: Includes lid.		
32 84 23 00-0091	EA		6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND).....	91.06	38.14
32 84 23 00-0092	EA		7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND).....	110.08	38.14
32 84 23 00-0093	EA		10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND).....	144.30	50.22
32 84 23 00-0094	EA		21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD).....	239.12	73.32
32 84 23 00-0095	EA		21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH).....	244.39	73.32
32 84 23 00-0096	EA		26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB).....	282.21	73.32
32 84 23 00-0097	EA		26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH).....	286.72	73.32
32 84 23 00-0098	EA		33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH).....	502.88	73.32
32 84 23 00-0099	EA		40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH).....	782.85	73.32
<b>32 84 23 00-0100</b>			<b>Irrigation Controllers</b> (32 84 23)		
			See CSI section 27 15 13 00-0256 for low voltage wiring.		
<b>32 84 23 00-0101</b>			<b>Irrigation Controllers</b> (32 84 23 00-0100)		
<b>32 84 23 00-0102</b>			<b>Irrigation Controllers (Rain Bird®)</b> (32 84 23 00-0101)		
<b>32 84 23 00-0103</b>			<b>Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series)</b> (32 84 23 00-0102)		
<b>32 84 23 00-0104</b>			<b>Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)</b> (32 84 23 00-0103)		
<b>32 84 23 00-0105</b>			<b>Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series)</b> (32 84 23 00-0104)		
32 84 23 00-0106	EA		4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	470.03	42.31
32 84 23 00-0107	EA		7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	656.31	42.31
32 84 23 00-0108	EA		10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	842.61	42.31
32 84 23 00-0109	EA		13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	1,028.89	42.31
32 84 23 00-0110	EA		16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	1,172.87	42.31
32 84 23 00-0111	EA		19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	1,364.46	42.31
32 84 23 00-0112	EA		22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series).....	1,556.04	42.31
<b>32 84 23 00-0113</b>			<b>Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series)</b> (32 84 23 00-0104)		
32 84 23 00-0114	EA		4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	552.41	42.31
32 84 23 00-0115	EA		7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	738.68	42.31
32 84 23 00-0116	EA		10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	924.98	42.31
32 84 23 00-0117	EA		13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	1,111.27	42.31
32 84 23 00-0118	EA		16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	1,255.25	42.31
32 84 23 00-0119	EA		19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	1,446.83	42.31
32 84 23 00-0120	EA		22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series).....	1,638.41	42.31
<b>32 84 23 00-0121</b>			<b>Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)</b> (32 84 23 00-0103)		
<b>32 84 23 00-0122</b>			<b>Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series)</b> (32 84 23 00-0121)		
32 84 23 00-0123	EA		4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	756.18	42.31
32 84 23 00-0124	EA		7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	942.45	42.31
32 84 23 00-0125	EA		10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	1,128.75	42.31
32 84 23 00-0126	EA		13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	1,315.04	42.31
32 84 23 00-0127	EA		16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	1,459.02	42.31
32 84 23 00-0128	EA		19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	1,650.60	42.31
32 84 23 00-0129	EA		22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series).....	1,842.18	42.31

**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

32 84 23 00-0130		<b>Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series)</b> (32 84 23 00-0121)		
32 84 23 00-0131	EA	4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	817.90	42.31
32 84 23 00-0132	EA	7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,004.18	42.31
32 84 23 00-0133	EA	10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,190.48	42.31
32 84 23 00-0134	EA	13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,376.76	42.31
32 84 23 00-0135	EA	16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,520.74	42.31
32 84 23 00-0136	EA	19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,712.33	42.31
32 84 23 00-0137	EA	22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series) .....	1,903.90	42.31
32 84 23 00-0138		<b>Accessories For ESP-ME/MEI Irrigation Controllers</b> (32 84 23 00-0103)		
32 84 23 00-0139	EA	3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	191.58	
32 84 23 00-0140	EA	6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6)..... Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.	365.98	
32 84 23 00-0141	EA	Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG).....	526.96	
32 84 23 00-0142		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series)</b> (32 84 23 00-0102)		
32 84 23 00-0143		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series)</b> (32 84 23 00-0142)		
32 84 23 00-0144	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,119.24	42.31
32 84 23 00-0145	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,354.25	42.31
32 84 23 00-0146	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,593.27	42.31
32 84 23 00-0147	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	1,828.27	42.31
32 84 23 00-0148	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	2,067.29	42.31
32 84 23 00-0149	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	2,302.30	42.31
32 84 23 00-0150	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	2,541.30	42.31
32 84 23 00-0151	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	2,776.32	42.31
32 84 23 00-0152	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	3,015.33	42.31
32 84 23 00-0153	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series).....	3,250.35	42.31
32 84 23 00-0154		<b>Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series)</b> (32 84 23 00-0142)		
32 84 23 00-0155	EA	8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	1,123.94	42.31
32 84 23 00-0156	EA	12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	1,358.94	42.31
32 84 23 00-0157	EA	16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	1,597.94	42.31
32 84 23 00-0158	EA	20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	1,832.97	42.31
32 84 23 00-0159	EA	24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	2,071.97	42.31
32 84 23 00-0160	EA	28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	2,306.99	42.31
32 84 23 00-0161	EA	32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	2,546.00	42.31
32 84 23 00-0162	EA	36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	2,781.01	42.31
32 84 23 00-0163	EA	40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	3,020.02	42.31
32 84 23 00-0164	EA	44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	3,255.03	42.31
32 84 23 00-0165	EA	48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series) .....	3,494.05	42.31
32 84 23 00-0166		<b>Accessories For ESP-LX/LXME Irrigation Controllers</b> (32 84 23 00-0142)		
32 84 23 00-0167	EA	Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM).....	834.85	
32 84 23 00-0168	EA	Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMPED + LXMM)..... Note: Excludes concrete foundation.	1,939.38	
32 84 23 00-0169	EA	Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS).....	1,843.60	
32 84 23 00-0170	EA	Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSPED + LXMMSS)..... Note: Excludes concrete foundation.	4,096.71	
32 84 23 00-0171	EA	4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4) .....	235.01	
32 84 23 00-0172	EA	8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8) .....	474.03	
32 84 23 00-0173	EA	12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12) .....	736.50	
32 84 23 00-0174	EA	Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME).....	274.37	
32 84 23 00-0175		<b>Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series)</b> (32 84 23 00-0102)		



<b>Exterior Improvements</b>		<b>32</b>
Irrigation		32 80
Planting Irrigation		32 84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 84 23 00-0176</b> Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) <small>(32 84 23 00-0175)</small>		
32 84 23 00-0177 EA 1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	546.40	42.31
32 84 23 00-0178 EA 2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	658.61	42.31
32 84 23 00-0179 EA 4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	815.13	42.31
<b>32 84 23 00-0180</b> Accessories For TBOS-II Series Irrigation Controllers <small>(32 84 23 00-0175)</small>		
32 84 23 00-0181 EA Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS) .....	699.13	
32 84 23 00-0182 EA Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL) .....	136.78	31.72
<b>32 84 23 00-0183</b> Accessories For Irrigation Controllers (Rain Bird®) <small>(32 84 23 00-0102)</small>		
32 84 23 00-0184 EA Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDDBEX).....	192.84	31.72
32 84 23 00-0185 EA Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC).....	397.30	31.72
32 84 23 00-0186 EA Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC).....	421.27	31.72
32 84 23 00-0187 EA Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y).....	629.01	31.72
<b>32 84 23 00-0188</b> Two-Wire Decoder Systems <small>(32 84 23 00-0100)</small>		
<b>32 84 23 00-0189</b> Two-Wire Decoder Systems (Rain Bird®) <small>(32 84 23 00-0188)</small>		
<b>32 84 23 00-0190</b> Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) <small>(32 84 23 00-0189)</small> Note: Includes water resistant cabinet.		
32 84 23 00-0191 EA 50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	3,258.38	42.31
32 84 23 00-0192 EA 125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	4,617.95	42.31
32 84 23 00-0193 EA 200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	5,977.52	42.31
<b>32 84 23 00-0194</b> Field Decoders For Two-Wire Decoder Systems (Rain Bird®) <small>(32 84 23 00-0189)</small>		
32 84 23 00-0195 EA One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF).....	397.73	42.31
32 84 23 00-0196 EA One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF).....	506.78	42.31
32 84 23 00-0197 EA Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF).....	759.60	42.31
32 84 23 00-0198 EA Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF).....	928.94	42.31
32 84 23 00-0199 EA Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF).....	1,542.10	42.31
<b>32 84 23 00-0200</b> Accessories For Two-Wire Decoder Systems (Rain Bird®) <small>(32 84 23 00-0189)</small>		
32 84 23 00-0201 EA 50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD).....	2,415.88	
32 84 23 00-0202 EA 75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75) .....	1,359.57	
32 84 23 00-0203 EA Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF).....	300.34	37.02
32 84 23 00-0204 EA Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF) .....	1,374.19	42.31
<b>32 84 23 00-0205</b> Satellite Irrigation Controllers (Rain Bird® ESP-SAT) <small>(32 84 23 00-0100)</small> Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0206 EA 12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS) .....	4,933.05	237.97
32 84 23 00-0207 EA 24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS) .....	5,202.37	251.19
32 84 23 00-0208 EA 40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS) .....	7,215.17	264.41
<b>32 84 23 00-0209</b> Irrigation Valves <small>(32 84 23)</small>		
<b>32 84 23 00-0210</b> Reduced Pressure Zone Valves With QT Shut-Offs <small>(32 84 23 00-0209)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0211 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	871.65	43.72
32 84 23 00-0212 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) .....	1,033.79	53.39
32 84 23 00-0213 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,567.66	62.13
32 84 23 00-0214 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series) .....	1,655.95	71.33
32 84 23 00-0215 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,984.89	92.04
<b>32 84 23 00-0216</b> Brass Quick-Coupling Irrigation Valves <small>(32 84 23 00-0209)</small>		
32 84 23 00-0217 EA 3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC).....	187.83	38.14
For Valve Key, Add	59.19	
32 84 23 00-0218 EA 3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC) .....	194.68	38.14
For Locking Cover, Add	25.00	
For Valve Key, Add	59.19	
32 84 23 00-0219 EA 1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC).....	269.97	38.14
For Valve Key, Add	151.39	
32 84 23 00-0220 EA 1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC).....	297.35	38.14
For Valve Key, Add	151.39	



**32 Exterior Improvements****32 80 Irrigation****32 84 Planting Irrigation**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0221			<b>Anti-Siphon Pressure Type Vacuum Breaker</b> <small>(32 84 23 00-0209)</small>		
			Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0222	EA		3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	299.30	32.21
32 84 23 00-0223	EA		1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	430.54	36.81
32 84 23 00-0224	EA		1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	785.23	42.57
32 84 23 00-0225	EA		1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	956.78	47.17
32 84 23 00-0226	EA		2" Anti-Siphon Pressure Type Vacuum Breaker.....	963.45	57.53
32 84 23 00-0227			<b>Manual Sprinkler Control Valves</b> <small>(32 84 23 00-0209)</small>		
32 84 23 00-0228	EA		3/4" Manual Sprinkler Control Valves, With Union.....	101.57	31.06
32 84 23 00-0229	EA		1" Manual Sprinkler Control Valves, With Union.....	123.82	33.37
32 84 23 00-0230	EA		1-1/4" Manual Sprinkler Control Valves, With Union.....	191.36	42.23
32 84 23 00-0231	EA		1-1/2" Manual Sprinkler Control Valves, With Union.....	227.07	48.67
32 84 23 00-0232	EA		2" Manual Sprinkler Control Valves, With Union.....	305.88	57.53
32 84 23 00-0233			<b>Irrigation Piping</b> <small>(32 84 23)</small>		
32 84 23 00-0234	LF		3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings.....	3.59	1.32
			For >1,000, Deduct.....	-0.18	
32 84 23 00-0235	LF		1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings.....	4.39	1.59
			For >1,000, Deduct.....	-0.22	
32 84 23 00-0236	LF		1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings.....	6.52	2.01
			For >1,000, Deduct.....	-0.33	
32 84 23 00-0237	LF		2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings.....	8.61	2.52
			For >1,000, Deduct.....	-0.43	
32 84 23 00-0238	LF		2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings.....	11.55	2.94
			For >1,000, Deduct.....	-0.58	
32 84 23 00-0239	LF		1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	3.16	1.06
			For >1,000, Deduct.....	-0.16	
32 84 23 00-0240	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	3.99	1.32
			For >1,000, Deduct.....	-0.20	
32 84 23 00-0241	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings.....	5.05	1.59
			For >1,000, Deduct.....	-0.25	
32 84 23 00-0242	LF		1/2" Poly Pipe, 100 PSI, Non-NSF.....	2.52	1.14
			For >1,000, Deduct.....	-0.13	
32 84 23 00-0243	LF		3/4" Poly Pipe, 100 PSI, Non-NSF.....	2.72	1.20
			For >1,000, Deduct.....	-0.14	
32 84 23 00-0244	LF		1" Poly Pipe, 100 PSI, Non-NSF.....	3.47	1.40
			For >1,000, Deduct.....	-0.17	
32 84 23 00-0245	LF		1-1/4" Poly Pipe, 100 PSI, Non-NSF.....	4.88	1.62
			For >1,000, Deduct.....	-0.24	
32 84 23 00-0246	LF		1-1/2" Poly Pipe, 100 PSI, Non-NSF.....	5.98	1.83
			For >1,000, Deduct.....	-0.30	
32 84 23 00-0247	LF		2" Poly Pipe, 100 PSI, Non-NSF.....	8.76	2.27
			For >1,000, Deduct.....	-0.44	
32 84 23 00-0248	LF		3/4" Poly Pipe, 100 PSI, NSF, High-Density.....	2.98	1.20
			For >1,000, Deduct.....	-0.15	
32 84 23 00-0249	LF		1" Poly Pipe, 100 PSI, NSF, High-Density.....	3.84	1.40
			For >1,000, Deduct.....	-0.19	
32 84 23 00-0250	LF		1-1/4" Poly Pipe, 100 PSI, NSF, High-Density.....	5.43	1.62
			For >1,000, Deduct.....	-0.27	
32 84 23 00-0251	LF		1-1/2" Poly Pipe, 100 PSI, NSF, High-Density.....	6.87	1.83
			For >1,000, Deduct.....	-0.34	
32 84 23 00-0252	LF		2" Poly Pipe, 100 PSI, NSF, High-Density.....	10.14	2.27
			For >1,000, Deduct.....	-0.51	
32 84 23 00-0253	LF		2-1/2" Poly Pipe, 100 PSI, NSF, High-Density.....	7.27	2.65
			For >1,000, Deduct.....	-0.36	
32 84 23 00-0254	LF		3" Poly Pipe, 100 PSI, NSF, High-Density.....	7.89	2.91
			For >1,000, Deduct.....	-0.39	
32 84 23 00-0255			<b>Irrigation Swing Joints</b> <small>(32 84 23)</small>		
32 84 23 00-0256	EA		3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075).....	71.88	21.09
32 84 23 00-0257	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12).....	82.01	23.54
32 84 23 00-0258	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS).....	114.23	23.54
32 84 23 00-0259			<b>Irrigation Control Wire</b> <small>(32 84 23)</small>		
			Note: Excludes excavation and backfill.		
32 84 23 00-0260			<b>18 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0259)</small>		
32 84 23 00-0261	CLF		1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	52.72	15.90
32 84 23 00-0262	CLF		2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	69.65	18.55
32 84 23 00-0263	CLF		3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	80.18	21.19
32 84 23 00-0264	CLF		4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	91.88	23.84
32 84 23 00-0265	CLF		5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	104.73	26.49
32 84 23 00-0266	CLF		6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	125.74	29.13
32 84 23 00-0267	CLF		7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	145.86	31.78
32 84 23 00-0268	CLF		8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	158.51	34.43
32 84 23 00-0269	CLF		9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench.....	174.21	37.08



		<b>Exterior Improvements</b>	<b>32</b>
		Irrigation	32 80
		Planting Irrigation	32 84

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0270	CLF		10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	192.33	39.73
32 84 23 00-0271	CLF		11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	198.76	42.38
32 84 23 00-0272	CLF		12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	206.38	45.03
32 84 23 00-0273	CLF		13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench .....	217.71	47.68
<b>32 84 23 00-0274</b>			<b>16 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0259)</small>		
32 84 23 00-0275	CLF		1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench .....	55.81	15.90
<b>32 84 23 00-0276</b>			<b>14 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0259)</small>		
32 84 23 00-0277	CLF		1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench .....	55.82	15.90
<b>32 84 23 00-0278</b>			<b>12 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0259)</small>		
32 84 23 00-0279	CLF		1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench .....	76.27	15.90
<b>32 84 23 00-0280</b>			<b>10 AWG, Irrigation Control Wire, Buried In Trench</b> <small>(32 84 23 00-0259)</small>		
32 84 23 00-0281	CLF		1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench .....	102.19	15.90
<b>32 84 23 00-0282</b>			<b>Root Watering Systems</b> <small>(32 84 23)</small>		
			Note: Includes swing assembly.		
32 84 23 00-0283	EA		0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401).....	119.22	21.19
			<i>For Root Watering Sand Sock, Add</i>	5.56	
32 84 23 00-0284	EA		0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401) .....	129.88	21.19
			<i>For Root Watering Sand Sock, Add</i>	5.56	
32 84 23 00-0285	EA		0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402).....	119.22	21.19
			<i>For Root Watering Sand Sock, Add</i>	5.56	
32 84 23 00-0286	EA		0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402) .....	129.88	21.19
			<i>For Root Watering Sand Sock, Add</i>	5.56	
32 84 23 00-0287	EA		1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404) .....	129.88	21.19
			<i>For Root Watering Sand Sock, Add</i>	5.56	
32 84 23 00-0288	EA		0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401) .....	103.35	18.55
			<i>For Root Watering Sand Sock, Add</i>	5.03	
32 84 23 00-0289	EA		0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401) .....	113.58	18.55
			<i>For Root Watering Sand Sock, Add</i>	5.03	
32 84 23 00-0290	EA		0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402) .....	103.35	18.55
			<i>For Root Watering Sand Sock, Add</i>	5.03	
32 84 23 00-0291	EA		0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402) .....	113.58	18.55
			<i>For Root Watering Sand Sock, Add</i>	5.03	
32 84 23 00-0292	EA		0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401) .....	67.03	15.90
			<i>For Root Watering Sand Sock, Add</i>	4.51	
32 84 23 00-0293	EA		0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401).....	76.78	15.90
			<i>For Root Watering Sand Sock, Add</i>	4.51	
<b>32 84 23 00-0294</b>			<b>Irrigation Items</b> <small>(32 84 23)</small>		
			Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. The JOC General Conditions, Book 2, further define the use of these tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
32 84 23 00-0295	HR		Irrigation Systems Spring Start-Up Service, Fall Shutdown Service, Or Summer Inspection .....	104.96	

**32 90 Planting** (32)

Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar or cultivated varieties. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.

**32 91 Planting Preparation** (32 90)

**32 91 13 Soil Preparation** (32 91)

**32 91 13 16 Mulching** (32 91 13)

**32 91 13 16-0001 Mulch** (32 91 13 16)

Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 91 13 16-0002	CY		Pine Bark Nugget Mulch .....	115.86	
			<i>For &gt;5 To 20, Deduct</i>	-9.81	
			<i>For &gt;20 To 50, Deduct</i>	-14.71	
			<i>For &gt;50, Deduct</i>	-20.50	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	

**32 Exterior Improvements****32 90 Planting****32 91 Planting Preparation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0003	CY		Hardwood Bark Nugget Mulch .....	114.43	
			<i>For &gt;5 To 20, Deduct</i>	-9.74	
			<i>For &gt;20 To 50, Deduct</i>	-14.60	
			<i>For &gt;50, Deduct</i>	-20.32	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0004	CY		Pine Wood Chip Mulch .....	111.59	
			<i>For &gt;5 To 20, Deduct</i>	-9.59	
			<i>For &gt;20 To 50, Deduct</i>	-14.39	
			<i>For &gt;50, Deduct</i>	-19.97	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0005	CY		Hardwood Chip Mulch .....	117.28	
			<i>For &gt;5 To 20, Deduct</i>	-9.88	
			<i>For &gt;20 To 50, Deduct</i>	-14.82	
			<i>For &gt;50, Deduct</i>	-20.68	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0006	CY		Shredded Hardwood Mulch .....	117.28	
			<i>For &gt;5 To 20, Deduct</i>	-9.88	
			<i>For &gt;20 To 50, Deduct</i>	-14.82	
			<i>For &gt;50, Deduct</i>	-20.68	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0007	CY		Shredded Pine Mulch .....	104.47	
			<i>For &gt;5 To 20, Deduct</i>	-9.24	
			<i>For &gt;20 To 50, Deduct</i>	-13.86	
			<i>For &gt;50, Deduct</i>	-19.08	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0008	CY		Shredded Cedar Mulch .....	132.22	
			<i>For &gt;5 To 20, Deduct</i>	-10.63	
			<i>For &gt;20 To 50, Deduct</i>	-15.94	
			<i>For &gt;50, Deduct</i>	-22.55	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0009	CY		Shredded Cypress Mulch .....	130.08	
			<i>For &gt;5 To 20, Deduct</i>	-10.52	
			<i>For &gt;20 To 50, Deduct</i>	-15.78	
			<i>For &gt;50, Deduct</i>	-22.28	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0010	CY		Shredded Redwood Mulch .....	135.78	
			<i>For &gt;5 To 20, Deduct</i>	-10.80	
			<i>For &gt;20 To 50, Deduct</i>	-16.20	
			<i>For &gt;50, Deduct</i>	-22.99	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0011	CY		Pea Gravel Mulch .....	134.91	
			<i>For &gt;5 To 20, Deduct</i>	-10.76	
			<i>For &gt;20 To 50, Deduct</i>	-16.14	
			<i>For &gt;50, Deduct</i>	-22.88	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
32 91 13 16-0012	CY		Chunk Recycled Tire Mulch .....	202.74	
			<i>For &gt;5 To 20, Deduct</i>	-15.29	
			<i>For &gt;20 To 50, Deduct</i>	-22.94	
			<i>For &gt;50, Deduct</i>	-33.08	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	20.63	
32 91 13 16-0013	CY		Chunk Colored Recycled Tire Mulch .....	300.93	
			<i>For &gt;5 To 20, Deduct</i>	-20.20	
			<i>For &gt;20 To 50, Deduct</i>	-30.30	
			<i>For &gt;50, Deduct</i>	-45.35	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	20.63	
32 91 13 16-0014	CY		Shredded Recycled Tire Mulch .....	302.35	
			<i>For &gt;5 To 20, Deduct</i>	-20.27	
			<i>For &gt;20 To 50, Deduct</i>	-30.41	
			<i>For &gt;50, Deduct</i>	-45.53	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	20.63	
32 91 13 16-0015	CY		Shredded Colored Recycled Tire Mulch .....	498.72	
			<i>For &gt;5 To 20, Deduct</i>	-30.09	
			<i>For &gt;20 To 50, Deduct</i>	-45.14	
			<i>For &gt;50, Deduct</i>	-70.07	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	20.63	
32 91 13 16-0016	EA		Pine Straw Mulch Bale .....	9.60	
			Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
			<i>For &gt;100 To 250, Deduct</i>	-0.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.94	
			<i>For &gt;500, Deduct</i>	-1.19	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.93	
32 91 13 16-0017	EA		Wheat Straw Mulch Bale .....	9.32	
			Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
			<i>For &gt;100 To 250, Deduct</i>	-0.64	
			<i>For &gt;250 To 500, Deduct</i>	-0.81	
			<i>For &gt;500, Deduct</i>	-1.11	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.69	
32 91 13 16-0018	CY		Stone/Gravel Mulch, Marble Chips .....	315.05	
			<i>For &gt;5 To 20, Deduct</i>	-19.77	
			<i>For &gt;20 To 50, Deduct</i>	-29.65	
			<i>For &gt;50, Deduct</i>	-45.40	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Planting Preparation	32 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0019	CY		Stone Mulch, Decomposed Granite Chips.....	144.60	
			<i>For &gt;5 To 20, Deduct</i>	-11.24	
			<i>For &gt;20 To 50, Deduct</i>	-16.87	
			<i>For &gt;50, Deduct</i>	-24.10	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.06	
<b>32 91 13 26</b>			<b>Planting Beds</b> <small>(32 91 13)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0001			<b>Plant Bed Preparation</b> <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0002	SF		Up To 8" Deep, Prepare And Mix Plant Bed, By Machine.....	1.28	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.26	
32 91 13 26-0003	SF		>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine.....	1.46	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.29	
32 91 13 26-0004	SF		>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine.....	1.73	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.35	
32 91 13 26-0005	SF		Up To 8" Deep, Prepare And Mix Plant Bed By Hand.....	6.12	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	1.22	
32 91 13 26-0006	SF		>8" To 13" Deep, Prepare And Mix Plant Bed By Hand.....	7.03	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	1.41	
32 91 13 26-0007	SF		>13" To 18" Deep, Prepare And Mix Plant Bed By Hand.....	8.26	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	1.65	
32 91 13 26-0008			<b>Planting Pit Preparation</b> <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0009	CY		Excavate Planting Pit By Hand, Sandy Soil.....	105.76	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	21.15	
32 91 13 26-0010	CY		Excavate Planting Pit By Hand, Heavy Soil.....	211.53	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	42.31	
32 91 13 26-0011	CY		Excavate Planting Pit By Machine, Sandy Soil.....	15.17	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	3.03	
32 91 13 26-0012	CY		Excavate Planting Pit By Machine, Heavy Soil.....	19.74	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes &gt;2.5:1, Add</i>	3.95	
32 91 13 26-0013	CY		Backfill Planting Pit By Hand With Topsoil From Stockpile.....	93.99	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	18.80	
32 91 13 26-0014	CY		Backfill Planting Pit By Hand With Contractor Furnished Planting Mix.....	130.72	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	16.46	
32 91 13 26-0015	CY		Backfill Planting Pit By Machine, With Topsoil From Stockpile.....	8.64	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	1.73	
32 91 13 26-0016	CY		Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix.....	67.36	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	3.79	
32 91 13 26-0017			<b>Weed Barrier</b> <small>(32 91 13 26)</small>		
32 91 13 26-0018	SY		Up To 3 Oz/SY Non-Woven, Polypropylene Weed Barrier.....	2.54	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.17	
32 91 13 26-0019	SY		4 Oz/SY Woven, Polypropylene Weed Barrier.....	3.42	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.17	
32 91 13 26-0020	SY		5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier.....	3.80	
			<i>For Work On Slopes &gt;2.5:1, Add</i>	0.17	
<b>32 91 13 33</b>			<b>Soil Conditioners</b> <small>(32 91 13)</small>		
32 91 13 33-0001			<b>Spread Soil Conditioners</b> <small>(32 91 13 33)</small>		
32 91 13 33-0002	SY		Aluminum Sulfate 1 Lb./SY, Push Spreader.....	0.44	
32 91 13 33-0003	MSF		Aluminum Sulfate 110 Lb./MSF Tractor Spreader.....	40.90	
32 91 13 33-0004	MSF		Fertilizer, 20 Lb./MSF, Push Spreader.....	8.41	
32 91 13 33-0005	MSF		Fertilizer, 20 Lb./MSF, Tractor Spread.....	3.16	
32 91 13 33-0006	MSF		Fertilizer, 20 Lb./MSF, Truck Spread.....	5.27	
32 91 13 33-0007	SY		Pelletized Lime, 1 Lb./SY, Push Spreader.....	0.11	
32 91 13 33-0008	MSF		Pelletized Lime, 110 Lb./MSF, Tractor Spreader.....	7.86	
32 91 13 33-0009	SY		Perlite, 1" Deep, Push Spreader.....	3.72	
32 91 13 33-0010	MSF		Perlite, 1" Deep, Tractor Spreader.....	385.62	
32 91 13 33-0011	SY		Vermiculite, Push Spreader.....	3.45	

**32 Exterior Improvements****32 90 Planting****32 91 Planting Preparation**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

32 91 13 33-0012 MSF Vermiculite, Tractor Spreader .....376.69

**32 91 13 36 Lawn Bed Preparation (32 91 13)****32 91 13 36-0001 Lawn Bed Preparation (32 91 13 36)**

32 91 13 36-0002	MSF	Rake Topsoil With Machine .....	96.51
32 91 13 36-0003	MSF	Rake Topsoil By Hand .....	84.60
32 91 13 36-0004	MSF	Screen Loam By Hand .....	56.40
32 91 13 36-0005	SY	Roll Topsoil With Machine .....	1.22
32 91 13 36-0006	SY	Roll Topsoil By Hand .....	3.78
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine.....	11.42
32 91 13 36-0008	MSF	Root Raking And Loading, No Boulders .....	59.73
		<i>For &gt;45 to 225, Deduct</i> .....	<i>-41.81</i>
		<i>For &gt;225, Deduct</i> .....	<i>-53.76</i>
32 91 13 36-0009	MSF	Root Raking And Loading, With Boulders.....	99.55
		<i>For &gt;45 to 225, Deduct</i> .....	<i>-69.69</i>
		<i>For &gt;225, Deduct</i> .....	<i>-89.60</i>
32 91 13 36-0010	MSF	Up To 6" Deep Tilling Topsoil With Tractor.....	5.25
32 91 13 36-0011	MSF	>6" To 12" Deep Tilling Topsoil With Tractor .....	10.65
		<i>For Work On Slopes &gt;2.5:1, Add</i> .....	<i>2.13</i>
32 91 13 36-0012	SY	Up To 2" Deep Tilling Topsoil With Rototiller .....	0.90
32 91 13 36-0013	SY	>2" To 4" Deep Tilling Topsoil With Rototiller .....	1.07
32 91 13 36-0014	SY	>4" To 6" Deep Tilling Topsoil With Rototiller .....	1.35
32 91 13 36-0015	LF	"V" Cut Soil For Edge Of Planting Beds.....	1.49
32 91 13 36-0016	MSF	Removal Of Rocks And Debris By Hand.....	36.43

**32 91 13 36-0017 Sod Removal (32 91 13 36)**

32 91 13 36-0018	SY	Removal Of Sod By Hand.....	7.13
		<i>For Work On Slopes &gt;2.5:1, Add</i> .....	<i>1.43</i>
32 91 13 36-0019	SY	Removal Of Sod With Machine.....	0.71
		<i>For Work On Slopes &gt;2.5:1, Add</i> .....	<i>0.14</i>
32 91 13 36-0020	SY	Pile Sod By Hand.....	4.23
		<i>For Work On Slopes &gt;2.5:1, Add</i> .....	<i>0.85</i>
32 91 13 36-0021	SY	Pile Sod With Machine.....	1.33
		<i>For Work On Slopes &gt;2.5:1, Add</i> .....	<i>0.27</i>

**32 91 19 Landscape Grading (32 91)****32 91 19 13 Topsoil Placement and Grading (32 91 19)****32 91 19 13-0001 Remove And Stockpile Topsoil On Site (32 91 19 13)**

32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site .....	5.19
------------------	----	---	------

**32 91 19 13-0003 Screening Topsoil (32 91 19 13)**

32 91 19 13-0004	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic) .....	11.69
32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Dry Material .....	7.79

**32 91 19 13-0006 Spreading Topsoil From Stockpile (32 91 19 13)**

32 91 19 13-0007	CY	Spread Topsoil By Machine From Stockpile .....	8.97
32 91 19 13-0008	CY	Spread Topsoil By Hand From Stockpile .....	80.73

**32 91 19 13-0009 Furnish And Place Imported Screened Topsoil (32 91 19 13)**

Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0064 for hauling greater than 15 miles.

32 91 19 13-0010	SY	Furnish And Place Imported Screened Topsoil, 2" Deep.....	3.94
		<i>For Unscreened, Deduct</i> .....	<i>-0.51</i>
32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 4" Deep.....	7.54
		<i>For Unscreened, Deduct</i> .....	<i>-1.02</i>
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 6" Deep.....	10.87
		<i>For Unscreened, Deduct</i> .....	<i>-1.52</i>
32 91 19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 9" Deep.....	15.66
		<i>For Unscreened, Deduct</i> .....	<i>-2.28</i>
32 91 19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 12" Deep.....	20.44
		<i>For Unscreened, Deduct</i> .....	<i>-3.04</i>
32 91 19 13-0015	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep .....	56.40
		<i>For Unscreened, Deduct</i> .....	<i>-9.13</i>

**32 91 19 13-0016 Scarify Soil For Planting Preparation (32 91 19 13)**

Note: Ripped in multiple directions with 3" maximum clods.

32 91 19 13-0017	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine .....	70.97
32 91 19 13-0018	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine.....	49.67
32 91 19 13-0019	MSF	>20,000 SF Scarify Up To 8" Soil With Machine.....	29.05

**32 92 Turf and Grasses (32 90)**





<b>Exterior Improvements</b>		<b>32</b>
	Planting	32 90
	Turf and Grasses	32 92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 92 16</b>			<b>Plugging</b> (32 92)		
32 92 16 00-0001			Bermuda Or Centipede Plugging, 1" Deep (32 92 16) Note: Includes fine grade and soil preparation.		
32 92 16 00-0002			6" On Center Plugging (32 92 16 00-0001)		
32 92 16 00-0003	MSF		Plugging By Hand, 6" On Center .....	270.58	
32 92 16 00-0004	MSF		Plugging By Walk Behind Planter, 6" On Center .....	35.18	
32 92 16 00-0005	MSF		Plugging By Towed Planter, 6" On Center .....	25.60	
32 92 16 00-0006			9" On Center Plugging (32 92 16 00-0001)		
32 92 16 00-0007	MSF		Plugging By Hand, 9" On Center .....	207.64	
32 92 16 00-0008	MSF		Plugging By Walk Behind Planter, 9" On Center .....	27.66	
32 92 16 00-0009	MSF		Plugging By Towed Planter, 9" On Center .....	19.22	
32 92 16 00-0010			12" On Center Plugging (32 92 16 00-0001)		
32 92 16 00-0011	MSF		Plugging By Hand, 12" On Center .....	175.17	
32 92 16 00-0012	MSF		Plugging By Walk Behind Planter, 12" On Center .....	18.81	
32 92 16 00-0013	MSF		Plugging By Towed Planter, 12" On Center .....	12.32	
<b>32 92 19</b>			<b>Seeding</b> (32 92)		
<b>32 92 19 13</b>			<b>Mechanical Seeding</b> (32 92 19) Note: Includes fertilizing, liming, mixing, seeding and initial watering.		
32 92 19 13-0001			Tractor Spreader Mechanical Seeding (32 92 19 13) Note: Excludes straw. See CSI section 32 91 13 16-0017 for wheat straw mulch.		
32 92 19 13-0002	MSF		Common Bluegrass, Tractor Spreader .....	49.08	
			Note: 4 LB/MSF spread rate.		
32 92 19 13-0003	MSF		Tall Fescue, Tractor Spreader .....	38.56	
			Note: 5.5 LB/MSF spread rate.		
32 92 19 13-0004	MSF		Rye, Tractor Spreader .....	39.31	
			Note: 10 LB/MSF spread rate.		
32 92 19 13-0005	MSF		Shade Mix, Tractor Spreader .....	43.10	
			Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
32 92 19 13-0006	MSF		Turf Mix, Tractor Spreader .....	45.82	
			Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
32 92 19 13-0007	MSF		Slope Mix, Tractor Spreader .....	42.19	
			Note: 6 LB/MSF spread rate.		
32 92 19 13-0008	MSF		Utility Mix, Tractor Spreader .....	37.66	
			Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
32 92 19 13-0009	MSF		Wild Flower Mix, Tractor Spreader .....	29.13	
			Note: 0.10 LB/MSF spread rate.		
32 92 19 13-0010	MSF		Crown Vetch Mix, Tractor Spreader .....	96.61	
			Note: 4 LB/MSF spread rate.		
32 92 19 13-0011	MSF		Athletic Mix, Tractor Spreader .....	56.70	
			Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
32 92 19 13-0012	MSF		White Clover Mix, Tractor Spreader .....	29.04	
			Note: 7 LB/MSF spread rate.		
32 92 19 13-0013	MSF		Ladino Clover Mix, Tractor Spreader .....	32.67	
			Note: 7 LB/MSF spread rate.		
32 92 19 13-0014	MSF		Turfenhancer Mix, Tractor Spreader .....	60.96	
			Note: 4 LB/MSF spread rate.		
32 92 19 13-0015	MSF		Salt Tolerant Mix, Tractor Spreader .....	147.10	
			Note: 4 LB/MSF spread rate.		
32 92 19 13-0016			Hydro Or Air Mechanical Seeding (32 92 19 13)		
32 92 19 13-0017	MSF		Common Bluegrass, Hydro Or Air Seeding .....	99.36	
			Note: 4 LB/MSF spread rate.		
			For >45, Deduct	-7.85	
			For Tackifier, Add	4.42	
32 92 19 13-0018	MSF		Tall Fescue, Hydro Or Air Seeding .....	105.71	
			Note: 5.5 LB/MSF spread rate.		
			For >45, Deduct	-8.17	
			For Tackifier, Add	4.42	
32 92 19 13-0019	MSF		Rye, Hydro Or Air Spread .....	99.63	
			Note: 10 LB/MSF spread rate.		
			For >45, Deduct	-7.86	
			For Tackifier, Add	4.42	
32 92 19 13-0020	MSF		Shade Mix, Hydro Or Air Seeding .....	99.36	
			Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
			For >45, Deduct	-7.85	
			For Tackifier, Add	4.42	
32 92 19 13-0021	MSF		Turf Mix, Hydro Or Air Seeding .....	105.71	
			Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
			For >45, Deduct	-8.17	
			For Tackifier, Add	4.42	

**32 Exterior Improvements****32 90 Planting****32 92 Turf and Grasses**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0022	MSF		Slope Mix, Hydro Or Air Seeding ..... Note: 6 LB/MSF spread rate.	102.99	
			<i>For &gt;45, Deduct</i>	-8.03	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0023	MSF		Utility Mix, Hydro Or Air Seeding ..... Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	100.79	
			<i>For &gt;45, Deduct</i>	-7.92	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0024	MSF		Wild Flower Mix, Hydro Or Air Seeding..... Note: 0.10 LB/MSF spread rate.	93.73	
			<i>For &gt;45, Deduct</i>	-7.57	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0025	MSF		Crown Vetch Mix, Hydro Or Air Seeding..... Note: 4 LB/MSF spread rate.	157.40	
			<i>For &gt;45, Deduct</i>	-10.75	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0026	MSF		Athletic Mix, Hydro Or Air Seeding ..... Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.	137.47	
			<i>For &gt;45, Deduct</i>	-9.76	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0027	MSF		White Clover Mix, Hydro Or Air Seeding..... Note: 7 LB/MSF spread rate.	85.12	
			<i>For &gt;45, Deduct</i>	-7.14	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0028	MSF		Ladino Clover Mix, Hydro Or Air Seeding ..... Note: 7 LB/MSF spread rate.	95.73	
			<i>For &gt;45, Deduct</i>	-7.67	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0029	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread ..... Note: 4 LB/MSF spread rate.	101.17	
			<i>For &gt;45, Deduct</i>	-7.94	
			<i>For Tackifier, Add</i>	4.42	
32 92 19 13-0030	MSF		Turfenhancer Mix, Hydro Or Air Seeding ..... Note: 4 LB/MSF spread rate.	133.32	
			<i>For &gt;45, Deduct</i>	-9.26	
32 92 19 13-0031	MSF		Salt Tolerant Mix, Hydro Or Air Seeding ..... Note: 4 LB/MSF spread rate.	220.99	
			<i>For &gt;45, Deduct</i>	-13.64	
32 92 19 13-0032	MSF		2,500 Lb./Acre, High Performance - Flexible Growth Medium ..... Note: Applied with seed. Excludes seed.	130.07	
			<i>For &gt;45, Deduct</i>	-7.95	
32 92 19 13-0033	MSF		3,000 Lb./Acre, High Performance - Flexible Growth Medium ..... Note: Applied with seed. Excludes seed.	151.77	
			<i>For &gt;45, Deduct</i>	-9.10	
32 92 19 13-0034	MSF		3,500 Lb./Acre, High Performance - Flexible Growth Medium ..... Note: Applied with seed. Excludes seed.	173.56	
			<i>For &gt;45, Deduct</i>	-10.27	
32 92 19 13-0035	MSF		4,000 Lb./Acre, High Performance - Flexible Growth Medium ..... Note: Applied with seed. Excludes seed.	195.37	
			<i>For &gt;45, Deduct</i>	-11.44	
32 92 19 13-0036	MSF		4,500 Lb./Acre, High Performance - Flexible Growth Medium ..... Note: Applied with seed. Excludes seed.	217.29	
			<i>For &gt;45, Deduct</i>	-12.62	

**32 92 19 19 Seeding by Hand** (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering. See CSI section 32 91 13 16-0017 for wheat straw mulch.

**32 92 19 19-0001 Push Spreader Or Hand Seeding** (32 92 19 19)

Note: Excludes straw. See CSI section 32 91 13 16-0017 for wheat straw mulch.

32 92 19 19-0002	MSF		Common Bluegrass, Push Spreader Or Hand ..... Note: 4 LB/MSF spread rate.	130.78	
			<i>For &gt;5 To 20, Deduct</i>	-9.18	
			<i>For &gt;20 To 45, Deduct</i>	-17.74	
			<i>For &gt;45, Deduct</i>	-28.94	
32 92 19 19-0003	MSF		Tall Fescue, Push Spreader Or Hand ..... Note: 5.5 LB/MSF spread rate.	120.26	
			<i>For &gt;5 To 20, Deduct</i>	-8.66	
			<i>For &gt;20 To 45, Deduct</i>	-16.95	
			<i>For &gt;45, Deduct</i>	-27.89	
32 92 19 19-0004	MSF		Rye, Push Spreader Or Hand ..... Note: 10 LB/MSF spread rate.	121.01	
			<i>For &gt;5 To 20, Deduct</i>	-8.69	
			<i>For &gt;20 To 45, Deduct</i>	-17.01	
			<i>For &gt;45, Deduct</i>	-27.96	
32 92 19 19-0005	MSF		Shade Mix, Push Spreader Or Hand ..... Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.	124.80	
			<i>For &gt;5 To 20, Deduct</i>	-8.88	
			<i>For &gt;20 To 45, Deduct</i>	-17.29	
			<i>For &gt;45, Deduct</i>	-28.34	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Turf and Grasses	32 92

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 92 19 19-0006 MSF Turf Mix, Push Spreader Or Hand .....	127.52	
Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
For >5 To 20, Deduct	-9.02	
For >20 To 45, Deduct	-17.50	
For >45, Deduct	-28.61	
32 92 19 19-0007 MSF Slope Mix, Push Spreader Or Hand .....	123.89	
Note: 6 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.84	
For >20 To 45, Deduct	-17.22	
For >45, Deduct	-28.25	
32 92 19 19-0008 MSF Utility Mix, Push Spreader Or Hand .....	119.36	
Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
For >5 To 20, Deduct	-8.61	
For >20 To 45, Deduct	-16.88	
For >45, Deduct	-27.80	
32 92 19 19-0009 MSF Wild Flower Mix, Push Spreader Or Hand .....	110.83	
Note: 0.10 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.19	
For >20 To 45, Deduct	-16.24	
For >45, Deduct	-26.95	
32 92 19 19-0010 MSF Crown Vetch Mix, Push Spreader Or Hand .....	178.31	
Note: 4 LB/MSF spread rate.		
For >5 To 20, Deduct	-11.56	
For >20 To 45, Deduct	-21.30	
For >45, Deduct	-33.69	
32 92 19 19-0011 MSF Athletic Mix, Push Spreader Or Hand .....	138.40	
Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
For >5 To 20, Deduct	-9.56	
For >20 To 45, Deduct	-18.31	
For >45, Deduct	-29.70	
32 92 19 19-0012 MSF White Clover Mix, Push Spreader Or Hand .....	110.74	
Note: 7 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.18	
For >20 To 45, Deduct	-16.24	
For >45, Deduct	-26.94	
32 92 19 19-0013 MSF Ladino Clover Mix, Push Spreader Or Hand .....	114.37	
Note: 7 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.36	
For >20 To 45, Deduct	-16.51	
For >45, Deduct	-27.30	
32 92 19 19-0014 MSF 100% Kentucky Bluegrass, Push Spreader Or Hand .....	132.50	
Note: 3.3 LB/MSF spread rate.		
For >5 To 20, Deduct	-9.27	
For >20 To 45, Deduct	-17.87	
For >45, Deduct	-29.11	
32 92 19 19-0015 MSF 70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand .....	127.52	
Note: 3.3 LB/MSF spread rate.		
For >5 To 20, Deduct	-9.02	
For >20 To 45, Deduct	-17.50	
For >45, Deduct	-28.61	
32 92 19 19-0016 MSF 50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand .....	123.89	
Note: 3.3 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.84	
For >20 To 45, Deduct	-17.22	
For >45, Deduct	-28.25	
32 92 19 19-0017 MSF 50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand .....	131.14	
Note: 4.4 LB/MSF spread rate.		
For >5 To 20, Deduct	-9.20	
For >20 To 45, Deduct	-17.77	
For >45, Deduct	-28.98	
32 92 19 19-0018 MSF 60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand .....	125.70	
Note: 3.3 LB/MSF spread rate.		
For >5 To 20, Deduct	-8.93	
For >20 To 45, Deduct	-17.36	
For >45, Deduct	-28.43	
32 92 19 19-0019 MSF 40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand .....	127.52	
Note: 3.3 LB/MSF spread rate.		
For >5 To 20, Deduct	-9.02	
For >20 To 45, Deduct	-17.50	
For >45, Deduct	-28.61	
32 92 19 19-0020 MSF Turfenhancer Mix, Push Spreader Or Hand .....	142.66	
Note: 4 LB/MSF spread rate.		
For >5 To 20, Deduct	-9.78	
For >20 To 45, Deduct	-18.63	
For >45, Deduct	-30.13	
32 92 19 19-0021 MSF Salt Tolerant Mix, Push Spreader Or Hand .....	228.80	
Note: 4 LB/MSF spread rate.		
For >5 To 20, Deduct	-14.08	
For >20 To 45, Deduct	-25.09	
For >45, Deduct	-38.74	

**32 92 23**

**Sodding** (32 92)

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for

**32 Exterior Improvements****32 90 Planting****32 92 Turf and Grasses**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

(up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

<b>32 92 23 00-0001</b>	<b>Bermuda Sod</b> <small>(32 92 23)</small>	
32 92 23 00-0002	MSF Up To 1,000 SF, Bermuda Sod, Installed On Level Ground .....	1,756.53
32 92 23 00-0003	MSF >1,000 To 4,000 SF, Bermuda Sod, Installed On Level Ground.....	1,486.38
32 92 23 00-0004	MSF >4,000 To 8,000 SF, Bermuda Sod, Installed On Level Ground.....	1,265.02
32 92 23 00-0005	MSF >8,000 SF, Bermuda Sod, Installed On Level Ground.....	1,110.05
32 92 23 00-0006	MSF Up To 1,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes .....	2,171.72
32 92 23 00-0007	MSF >1,000 To 4,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,838.36
32 92 23 00-0008	MSF >4,000 To 8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,507.85
32 92 23 00-0009	MSF >8,000 SF, Bermuda Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,316.54
<b>32 92 23 00-0010</b>	<b>Tall Fescue Sod</b> <small>(32 92 23)</small>	
32 92 23 00-0011	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground .....	2,488.11
	<i>For Hybrid Fescue "Marathon", Add</i>	162.54
32 92 23 00-0012	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground.....	2,033.41
	<i>For Hybrid Fescue "Marathon", Add</i>	122.45
32 92 23 00-0013	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,720.88
	<i>For Hybrid Fescue "Marathon", Add</i>	102.41
32 92 23 00-0014	MSF >8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,474.73
	<i>For Hybrid Fescue "Marathon", Add</i>	82.36
32 92 23 00-0015	MSF Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes .....	2,901.09
	<i>For Hybrid Fescue "Marathon", Add</i>	162.54
32 92 23 00-0016	MSF >1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	2,385.39
	<i>For Hybrid Fescue "Marathon", Add</i>	122.45
32 92 23 00-0017	MSF >4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,963.71
	<i>For Hybrid Fescue "Marathon", Add</i>	102.41
32 92 23 00-0018	MSF >8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,681.22
	<i>For Hybrid Fescue "Marathon", Add</i>	82.36
<b>32 92 23 00-0019</b>	<b>Kentucky Blue Grass Sod</b> <small>(32 92 23)</small>	
32 92 23 00-0020	MSF Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground .....	2,123.56
32 92 23 00-0021	MSF >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,760.00
32 92 23 00-0022	MSF >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,493.04
32 92 23 00-0023	MSF >8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,292.46
32 92 23 00-0024	MSF Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes .....	2,536.54
32 92 23 00-0025	MSF >1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	2,111.98
32 92 23 00-0026	MSF >4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,735.87
32 92 23 00-0027	MSF >8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,498.95

**32 93 Plants** (32 90)**32 93 13 Ground Covers** (32 93)

Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of ground cover.

<b>32 93 13 00-0001</b>	<b>Groundcover Plants And Vines</b> <small>(32 93 13)</small>	
<b>32 93 13 00-0002</b>	<b>Ground Cover Groundcover Per Category and Size</b> <small>(32 93 13 00-0001)</small>	
	Note: Quarts, 2" and 3" Pots are sold in full flats. Flats for 2" are 48 each. 3" are 24 each and Quarts are 12 each. Price based on full flats.	
<b>32 93 13 00-0003</b>	<b>Ground Cover Category A</b> <small>(32 93 13 00-0002)</small>	
32 93 13 00-0004	EA 1 Quart.....	3.30
	<i>For &gt;100, Deduct</i>	-0.25
32 93 13 00-0005	EA 1 Gallon .....	9.78
	<i>For &gt;100, Deduct</i>	-0.73
32 93 13 00-0006	EA 2 Gallon .....	16.05
	<i>For &gt;100, Deduct</i>	-1.20
32 93 13 00-0007	EA 3 Gallon .....	22.47
	<i>For &gt;100, Deduct</i>	-1.69
<b>32 93 13 00-0008</b>	<b>Ground Cover Category B</b> <small>(32 93 13 00-0002)</small>	
32 93 13 00-0009	EA 1 Quart.....	3.98
	<i>For &gt;100, Deduct</i>	-0.30
32 93 13 00-0010	EA 3 Gallon .....	24.87
	<i>For &gt;100, Deduct</i>	-1.87
<b>32 93 13 00-0011</b>	<b>Ground Cover Category C</b> <small>(32 93 13 00-0002)</small>	
32 93 13 00-0012	EA 1 Quart.....	5.02
	<i>For &gt;100, Deduct</i>	-0.38
<b>32 93 13 00-0013</b>	<b>Ground Cover Category D</b> <small>(32 93 13 00-0002)</small>	
32 93 13 00-0014	EA 1 Quart.....	7.67
	<i>For &gt;100, Deduct</i>	-0.58
<b>32 93 13 00-0015</b>	<b>Vines Per Category And Size</b> <small>(32 93 13 00-0001)</small>	



<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Plants		32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>32 93 13 00-0016</b> Vines Category A <small>(32 93 13 00-0015)</small>		
32 93 13 00-0017 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	11.65	-0.87
32 93 13 00-0018 EA 3 Gallon ..... <i>For &gt;100, Deduct</i>	29.75	-2.23
32 93 13 00-0019 EA 5 Gallon ..... <i>For &gt;100, Deduct</i>	34.65	-2.60
<b>32 93 13 00-0020</b> Vines Category B <small>(32 93 13 00-0015)</small>		
32 93 13 00-0021 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	13.61	-1.02
<b>32 93 13 00-0022</b> Vines Category C <small>(32 93 13 00-0015)</small>		
32 93 13 00-0023 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	17.21	-1.29
<b>32 93 23</b> <b>Plants and Bulbs</b> <small>(32 93)</small>		
Note: Materials only. See CSI section 32 93 83 00-0057 for installation and planting of bulbs and annuals.		
<b>32 93 23 00-0001</b> Flowers <small>(32 93 23)</small>		
<b>32 93 23 00-0002</b> Perennials Per Category And Size <small>(32 93 23 00-0001)</small>		
Note: Quarts sold in full flats of 12 each.		
<b>32 93 23 00-0003</b> Perennials Category A <small>(32 93 23 00-0002)</small>		
32 93 23 00-0004 EA 1 Quart..... <i>For &gt;100, Deduct</i>	3.18	-0.24
32 93 23 00-0005 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	18.01	-1.35
32 93 23 00-0006 EA 2 Gallon ..... <i>For &gt;100, Deduct</i>	23.27	-1.75
32 93 23 00-0007 EA 3 Gallon ..... <i>For &gt;100, Deduct</i>	23.80	-1.79
<b>32 93 23 00-0008</b> Perennials Category B <small>(32 93 23 00-0002)</small>		
32 93 23 00-0009 EA 1 Quart..... <i>For &gt;100, Deduct</i>	3.45	-0.26
32 93 23 00-0010 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	18.99	-1.42
32 93 23 00-0011 EA 3 Gallon ..... <i>For &gt;100, Deduct</i>	27.64	-2.07
<b>32 93 23 00-0012</b> Perennials Category C <small>(32 93 23 00-0002)</small>		
32 93 23 00-0013 EA 1 Quart..... <i>For &gt;100, Deduct</i>	7.67	-0.58
32 93 23 00-0014 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	20.33	-1.52
32 93 23 00-0015 EA 3 Gallon ..... <i>For &gt;100, Deduct</i>	29.75	-2.23
<b>32 93 23 00-0016</b> Perennials Category D <small>(32 93 23 00-0002)</small>		
32 93 23 00-0017 EA 1 Quart..... <i>For &gt;100, Deduct</i>	8.86	-0.66
32 93 23 00-0018 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	24.10	-1.81
32 93 23 00-0019 EA 3 Gallon ..... <i>For &gt;100, Deduct</i>	33.85	-2.54
<b>32 93 23 00-0020</b> Perennials Category E <small>(32 93 23 00-0002)</small>		
32 93 23 00-0021 EA 1 Quart..... <i>For &gt;100, Deduct</i>	11.14	-0.84
32 93 23 00-0022 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	31.68	-2.38
<b>32 93 23 00-0023</b> Perennials Category F <small>(32 93 23 00-0002)</small>		
32 93 23 00-0024 EA 1 Gallon ..... <i>For &gt;100, Deduct</i>	27.13	-2.03
<b>32 93 23 00-0025</b> Annuals Per Category And Size <small>(32 93 23 00-0001)</small>		
Note: Fertilized and treated prior to pick up.		
<b>32 93 23 00-0026</b> Annuals <small>(32 93 23 00-0025)</small>		



**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 93 23 00-0027	EA	Flat 36.....	32.09	
			<i>For &gt;100, Deduct</i>	-2.41	
	32 93 23 00-0028	EA	Flat 48.....	32.09	
			<i>For &gt;100, Deduct</i>	-2.41	
	<b>32 93 23 00-0029</b>		<b>Annuals Category A</b> <small>(32 93 23 00-0025)</small>		
	32 93 23 00-0030	EA	4" Pot.....	6.48	
			<i>For &gt;100, Deduct</i>	-0.49	
	32 93 23 00-0031	EA	4.5" Pot.....	8.56	
			<i>For &gt;100, Deduct</i>	-0.64	
	32 93 23 00-0032	EA	6" Pot.....	19.32	
			<i>For &gt;100, Deduct</i>	-1.45	
	32 93 23 00-0033	EA	8" Pot.....	29.72	
			<i>For &gt;100, Deduct</i>	-2.23	
	32 93 23 00-0034	EA	5 Gallon.....	133.72	
			<i>For &gt;100, Deduct</i>	-10.03	
	<b>32 93 23 00-0035</b>		<b>Annuals Category B</b> <small>(32 93 23 00-0025)</small>		
	32 93 23 00-0036	EA	4" Pot.....	7.82	
			<i>For &gt;100, Deduct</i>	-0.59	
	32 93 23 00-0037	EA	4.5" Pot.....	11.14	
			<i>For &gt;100, Deduct</i>	-0.84	
	32 93 23 00-0038	EA	6" Pot.....	23.77	
			<i>For &gt;100, Deduct</i>	-1.78	
	<b>32 93 23 00-0039</b>		<b>Annuals Category D</b> <small>(32 93 23 00-0025)</small>		
	32 93 23 00-0040	EA	4" Pot.....	9.27	
			<i>For &gt;100, Deduct</i>	-0.70	
	<b>32 93 23 00-0041</b>		<b>Ornamental Grasses Per Category And Size</b> <small>(32 93 23 00-0001)</small>		
	<b>32 93 23 00-0042</b>		<b>Ornamental Grasses Category A</b> <small>(32 93 23 00-0041)</small>		
	32 93 23 00-0043	EA	1 Gallon Pots.....	12.30	
			<i>For &gt;100, Deduct</i>	-0.92	
	32 93 23 00-0044	EA	3 Gallon Pots.....	28.44	
			<i>For &gt;100, Deduct</i>	-2.13	
	<b>32 93 23 00-0045</b>		<b>Natives Per Category And Size</b> <small>(32 93 23 00-0001)</small>		
	<b>32 93 23 00-0046</b>		<b>Natives Category A Plugs</b> <small>(32 93 23 00-0045)</small>		
			Note: Plugs sold in full flats of 32 each.		
	32 93 23 00-0047	EA	Flat of 32.....	2.76	
	<b>32 93 23 00-0048</b>		<b>Natives Category A</b> <small>(32 93 23 00-0045)</small>		
	32 93 23 00-0049	EA	2-1/2 Inch Pot.....	2.97	
	32 93 23 00-0050	EA	1 Gallon.....	12.72	
	<b>32 93 23 00-0051</b>		<b>Natives Category B</b> <small>(32 93 23 00-0045)</small>		
	32 93 23 00-0052	EA	2-1/2 Inch Pot.....	3.80	
	32 93 23 00-0053	EA	1 Gallon.....	13.73	
	<b>32 93 23 00-0054</b>		<b>Natives Category C</b> <small>(32 93 23 00-0045)</small>		
	32 93 23 00-0055	EA	2-1/2 Inch Pot.....	4.90	
	32 93 23 00-0056	EA	1 Gallon.....	15.51	
	<b>32 93 23 00-0057</b>		<b>Bulbs</b> <small>(32 93 23)</small>		
	32 93 23 00-0058	EA	Top Size Allium giganteum - Giant Ornamental Onion.....	19.55	
	32 93 23 00-0059	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion.....	1.13	
	32 93 23 00-0060	EA	Top Size Crocus Hybrid.....	1.28	
	32 93 23 00-0061	EA	Top Size Eranthis hyemalis - Winter Aconite.....	1.65	
	32 93 23 00-0062	EA	Top Size Galanthus nivalis - Snowdrops.....	2.11	
	32 93 23 00-0063	EA	Top Size Iris reticulata cvs - Dutch Iris.....	0.83	
	32 93 23 00-0064	EA	Top Size Muscari armeniacum - Grape Hyacinth.....	0.98	
	32 93 23 00-0065	EA	Top Size Muscari latifolium - Grape Hyacinth.....	1.13	
	32 93 23 00-0066	EA	Narcissus 'Carlton' - Carlton Daffodil DNI.....	6.77	
	32 93 23 00-0067	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI.....	3.23	
	32 93 23 00-0068	EA	Narcissus 'February Gold' - February Gold Daffodil DNI.....	3.38	
	32 93 23 00-0069	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI.....	3.38	
	32 93 23 00-0070	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI.....	3.53	
	32 93 23 00-0071	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI.....	3.76	
	32 93 23 00-0072	EA	Narcissus 'Pipit' - Pipit Daffodil DNI.....	3.53	
	32 93 23 00-0073	EA	Narcissus 'Salome' - Salome Daffodil DNI.....	3.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0074	EA		Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI.....	3.53	
32 93 23 00-0075	EA		Narcissus 'Thalia' - Thalia Daffodil DNI.....	3.53	
32 93 23 00-0076	EA		Top Size Scilla siberica - Siberian Squill.....	1.05	
32 93 23 00-0077	EA		Top Size Tulip 'Angelique' - Angelique Tulip.....	3.01	
32 93 23 00-0078	EA		Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip.....	2.26	
32 93 23 00-0079	EA		Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip.....	3.01	
32 93 23 00-0080	EA		Top Size Tulip 'Big Smile' - Big Smile Tulip.....	2.63	
32 93 23 00-0081	EA		Top Size Tulip 'Black Parrot' - Black Parrot Tulip.....	3.76	
32 93 23 00-0082	EA		Top Size Tulip 'Blue Heron' - Blue Heron Tulip.....	2.86	
32 93 23 00-0083	EA		Top Size Tulip 'Cardinal' - Cardinal Tulip.....	2.48	
32 93 23 00-0084	EA		Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip.....	2.78	
32 93 23 00-0085	EA		Top Size Tulip clusiana - Species Tulip.....	2.78	
32 93 23 00-0086	EA		Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip.....	2.78	
32 93 23 00-0087	EA		Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip.....	2.26	
32 93 23 00-0088	EA		Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip.....	2.18	
32 93 23 00-0089	EA		Top Size Tulip 'Halcro' - Halcro Tulip.....	2.26	
32 93 23 00-0090	EA		Top Size Tulip 'Ivory Floradale' - Ivory Floradale Tulip.....	3.76	
32 93 23 00-0091	EA		Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip.....	2.26	
32 93 23 00-0092	EA		Top Size Tulip 'Passionale' - Passionale Tulip.....	3.01	
32 93 23 00-0093	EA		Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip.....	3.23	
32 93 23 00-0094	EA		Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip.....	3.38	
32 93 23 00-0095	EA		Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip.....	2.71	
32 93 23 00-0096	EA		Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip.....	2.56	
32 93 23 00-0097	EA		Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip.....	2.78	
32 93 23 00-0098	EA		Top Size Tulip 'Princeps' - Princeps Tulip.....	2.78	
32 93 23 00-0099	EA		Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip.....	2.18	
32 93 23 00-0100	EA		Top Size Tulip saxatilis - Species Tulip.....	1.50	
32 93 23 00-0101	EA		Top Size Tulip 'Shirley' - Shirley Tulip.....	2.26	
32 93 23 00-0102	EA		Top Size Tulip 'Spring Green' - Spring Green Tulip.....	2.93	
32 93 23 00-0103	EA		Top Size Tulip 'White Emperor' - White Emperor Tulip.....	2.26	

32 93 33 Shrubs (32 93)

Note: (cvs = cultivar or cultivated varieties) materials only. See CSI section 32 93 83 00-0033 for installation and planting of shrubs.

32 93 33 00-0001 Shrubs (32 93 33)

32 93 33 00-0002	EA		3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	101.16	
			For 2 Years Warranty, Add	25.29	
32 93 33 00-0003	EA		18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	147.84	
			For 2 Years Warranty, Add	36.96	
32 93 33 00-0004	EA		24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	164.96	
			For 2 Years Warranty, Add	41.24	
32 93 33 00-0005	EA		30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	208.54	
			For 2 Years Warranty, Add	52.14	
32 93 33 00-0006	EA		36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye.....	231.88	
			For 2 Years Warranty, Add	57.97	
32 93 33 00-0007	EA		18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye.....	46.69	
			For 2 Years Warranty, Add	11.67	
32 93 33 00-0008	EA		24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye.....	62.25	
			For 2 Years Warranty, Add	15.56	
32 93 33 00-0009	EA		30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye.....	77.81	
			For 2 Years Warranty, Add	19.45	
32 93 33 00-0010	EA		36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry.....	42.46	
			For 2 Years Warranty, Add	10.62	
32 93 33 00-0011	EA		42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry.....	49.95	
			For 2 Years Warranty, Add	12.49	
32 93 33 00-0012	EA		48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry.....	59.94	
			For 2 Years Warranty, Add	14.99	
32 93 33 00-0013	EA		60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry.....	69.93	
			For 2 Years Warranty, Add	17.48	
32 93 33 00-0014	EA		72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry.....	84.92	
			For 2 Years Warranty, Add	21.23	
32 93 33 00-0015	EA		36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry.....	41.21	
			For 2 Years Warranty, Add	10.30	
32 93 33 00-0016	EA		42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry.....	43.71	
			For 2 Years Warranty, Add	10.93	
32 93 33 00-0017	EA		48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry.....	46.21	
			For 2 Years Warranty, Add	11.55	
32 93 33 00-0018	EA		60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry.....	52.45	
			For 2 Years Warranty, Add	13.11	
32 93 33 00-0019	EA		36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry.....	41.84	
			For 2 Years Warranty, Add	10.46	
32 93 33 00-0020	EA		42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry.....	44.33	
			For 2 Years Warranty, Add	11.08	
32 93 33 00-0021	EA		48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry.....	46.83	
			For 2 Years Warranty, Add	11.71	
32 93 33 00-0022	EA		60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry.....	49.33	
			For 2 Years Warranty, Add	12.33	
32 93 33 00-0023	EA		5 Gallon Buxus microphylla & cvs - Little leaf Boxwood.....	114.89	
			For 2 Years Warranty, Add	28.72	
32 93 33 00-0024	EA		18" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood.....	62.44	
			For 2 Years Warranty, Add	15.61	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0025	EA		24" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood .....	84.92	
			<i>For 2 Years Warranty, Add</i> .....	21.23	
32 93 33 00-0026	EA		30" Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood .....	114.89	
			<i>For 2 Years Warranty, Add</i> .....	28.72	
32 93 33 00-0027	EA		5 Gallon Calycanthus floridus - Common Sweetshrub .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0028	EA		30" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0029	EA		36" Balled and Burlapped, Calycanthus floridus - Common Sweetshrub .....	49.95	
			<i>For 2 Years Warranty, Add</i> .....	12.49	
32 93 33 00-0030	EA		5 Gallon Ceanothus americanus - New Jersey Tea .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0031	EA		5 Gallon Celastrus scandens - Bittersweet .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0032	EA		36" Balled and Burlapped, Celastrus scandens - Bittersweet .....	34.97	
			<i>For 2 Years Warranty, Add</i> .....	8.74	
32 93 33 00-0033	EA		5 Gallon Cephalanthus occidentalis - Buttonbush .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0034	EA		24" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush .....	31.22	
			<i>For 2 Years Warranty, Add</i> .....	7.81	
32 93 33 00-0035	EA		30" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush .....	34.97	
			<i>For 2 Years Warranty, Add</i> .....	8.74	
32 93 33 00-0036	EA		36" Balled and Burlapped, Cephalanthus occidentalis - Buttonbush .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0037	EA		3 Gallon Clethra alnifolia & cvs - Summersweet Clethra .....	39.96	
			<i>For 2 Years Warranty, Add</i> .....	9.99	
32 93 33 00-0038	EA		18" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra .....	43.08	
			<i>For 2 Years Warranty, Add</i> .....	10.77	
32 93 33 00-0039	EA		24" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra .....	48.08	
			<i>For 2 Years Warranty, Add</i> .....	12.02	
32 93 33 00-0040	EA		30" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra .....	50.58	
			<i>For 2 Years Warranty, Add</i> .....	12.65	
32 93 33 00-0041	EA		36" Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra .....	59.32	
			<i>For 2 Years Warranty, Add</i> .....	14.83	
32 93 33 00-0042	EA		5 Gallon Cornus alba & cvs - Tartarian Dogwood .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0043	EA		36" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood .....	26.23	
			<i>For 2 Years Warranty, Add</i> .....	6.56	
32 93 33 00-0044	EA		48" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood .....	29.97	
			<i>For 2 Years Warranty, Add</i> .....	7.49	
32 93 33 00-0045	EA		60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0046	EA		72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood .....	44.96	
			<i>For 2 Years Warranty, Add</i> .....	11.24	
32 93 33 00-0047	EA		36" Balled and Burlapped, Cornus amomum - Silky Dogwood .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0048	EA		5 Gallon Cornus obliqua - Blue Fruited Dogwood .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0049	EA		5 Gallon Cornus racemosa - Gray Dogwood .....	41.21	
			<i>For 2 Years Warranty, Add</i> .....	10.30	
32 93 33 00-0050	EA		36" Balled and Burlapped, Cornus racemosa - Gray Dogwood .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0051	EA		48" Balled and Burlapped, Cornus racemosa - Gray Dogwood .....	43.71	
			<i>For 2 Years Warranty, Add</i> .....	10.93	
32 93 33 00-0052	EA		60" Balled and Burlapped, Cornus racemosa - Gray Dogwood .....	47.46	
			<i>For 2 Years Warranty, Add</i> .....	11.87	
32 93 33 00-0053	EA		72" Balled and Burlapped, Cornus racemosa - Gray Dogwood .....	57.45	
			<i>For 2 Years Warranty, Add</i> .....	14.36	
32 93 33 00-0054	EA		36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood .....	40.59	
			<i>For 2 Years Warranty, Add</i> .....	10.15	
32 93 33 00-0055	EA		48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood .....	45.58	
			<i>For 2 Years Warranty, Add</i> .....	11.40	
32 93 33 00-0056	EA		60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood .....	51.83	
			<i>For 2 Years Warranty, Add</i> .....	12.96	
32 93 33 00-0057	EA		Cornus sericea & cvs - Redosier Dogwood 24 inch b & b (Red Twig) .....	32.47	
			<i>For 2 Years Warranty, Add</i> .....	8.12	
32 93 33 00-0058	EA		Cornus sericea & cvs - Redosier Dogwood 30 inch b & b (Red Twig) .....	37.46	
			<i>For 2 Years Warranty, Add</i> .....	9.37	
32 93 33 00-0059	EA		Cornus sericea & cvs - Redosier Dogwood 36 inch b & b (Red Twig) .....	39.96	
			<i>For 2 Years Warranty, Add</i> .....	9.99	
32 93 33 00-0060	EA		Cornus sericea & cvs - Redosier Dogwood 48 inch b & b (Red Twig) .....	43.71	
			<i>For 2 Years Warranty, Add</i> .....	10.93	
32 93 33 00-0061	EA		Cornus sericea & cvs - Redosier Dogwood 60 inch b & b (Red Twig) .....	48.70	
			<i>For 2 Years Warranty, Add</i> .....	12.18	
32 93 33 00-0062	EA		5 Gallon Corylus americana - American Filbert .....	38.71	
			<i>For 2 Years Warranty, Add</i> .....	9.68	
32 93 33 00-0063	EA		30" Balled and Burlapped, Corylus americana - American Filbert .....	43.71	
			<i>For 2 Years Warranty, Add</i> .....	10.93	
32 93 33 00-0064	EA		36" Balled and Burlapped, Corylus americana - American Filbert .....	46.83	
			<i>For 2 Years Warranty, Add</i> .....	11.71	
32 93 33 00-0065	EA		48" Balled and Burlapped, Corylus americana - American Filbert .....	50.58	
			<i>For 2 Years Warranty, Add</i> .....	12.65	
32 93 33 00-0066	EA		24" Balled and Burlapped, Corylus avellana - Contorted Hazelnut .....	124.88	
			<i>For 2 Years Warranty, Add</i> .....	31.22	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0067 EA 30" Balled and Burlapped, Corylus avellena - Contorted Hazelnut..... <i>For 2 Years Warranty, Add</i>	162.35 40.59	
32 93 33 00-0068 EA 36" Balled and Burlapped, Corylus avellena - Contorted Hazelnut..... <i>For 2 Years Warranty, Add</i>	174.84 43.71	
32 93 33 00-0069 EA 42" Balled and Burlapped, Corylus avellena - Contorted Hazelnut..... <i>For 2 Years Warranty, Add</i>	224.79 56.20	
32 93 33 00-0070 EA 48" Balled and Burlapped, Corylus avellena - Contorted Hazelnut..... <i>For 2 Years Warranty, Add</i>	274.74 68.69	
32 93 33 00-0071 EA 60" Balled and Burlapped, Corylus avellena - Contorted Hazelnut..... <i>For 2 Years Warranty, Add</i>	312.21 78.05	
32 93 33 00-0072 EA 5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	31.22 7.81	
32 93 33 00-0073 EA 18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	31.22 7.81	
32 93 33 00-0074 EA 24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	32.47 8.12	
32 93 33 00-0075 EA 3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	32.47 8.12	
32 93 33 00-0076 EA 18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	31.22 7.81	
32 93 33 00-0077 EA 24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	32.47 8.12	
32 93 33 00-0078 EA 1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster..... <i>For 2 Years Warranty, Add</i>	12.88 3.22	
32 93 33 00-0079 EA 2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster..... <i>For 2 Years Warranty, Add</i>	39.85 9.96	
32 93 33 00-0080 EA 3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster..... <i>For 2 Years Warranty, Add</i>	53.80 13.45	
32 93 33 00-0081 EA 4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster..... <i>For 2 Years Warranty, Add</i>	91.09 22.77	
32 93 33 00-0082 EA 1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	12.88 3.22	
32 93 33 00-0083 EA 2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster ..... <i>For 2 Years Warranty, Add</i>	25.36 6.34	
32 93 33 00-0084 EA 18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia ..... <i>For 2 Years Warranty, Add</i>	31.85 7.96	
32 93 33 00-0085 EA 24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia ..... <i>For 2 Years Warranty, Add</i>	34.97 8.74	
32 93 33 00-0086 EA 30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia ..... <i>For 2 Years Warranty, Add</i>	44.96 11.24	
32 93 33 00-0087 EA 36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia ..... <i>For 2 Years Warranty, Add</i>	52.45 13.11	
32 93 33 00-0088 EA 42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia ..... <i>For 2 Years Warranty, Add</i>	59.94 14.99	
32 93 33 00-0089 EA 24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle ..... <i>For 2 Years Warranty, Add</i>	49.95 12.49	
32 93 33 00-0090 EA 30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle ..... <i>For 2 Years Warranty, Add</i>	59.94 14.99	
32 93 33 00-0091 EA 36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle ..... <i>For 2 Years Warranty, Add</i>	69.93 17.48	
32 93 33 00-0092 EA 2 Gallon Diervilla splendens - Splendens Bush Honeysuckle..... <i>For 2 Years Warranty, Add</i>	18.73 4.68	
32 93 33 00-0093 EA 36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle..... <i>For 2 Years Warranty, Add</i>	44.96 11.24	
32 93 33 00-0094 EA 48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle..... <i>For 2 Years Warranty, Add</i>	59.94 14.99	
32 93 33 00-0095 EA 30" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus ..... <i>For 2 Years Warranty, Add</i>	56.20 14.05	
32 93 33 00-0096 EA 36" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus ..... <i>For 2 Years Warranty, Add</i>	66.81 16.70	
32 93 33 00-0097 EA 42" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus ..... <i>For 2 Years Warranty, Add</i>	87.42 21.86	
32 93 33 00-0098 EA 48" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus ..... <i>For 2 Years Warranty, Add</i>	104.90 26.23	
32 93 33 00-0099 EA 60" Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus ..... <i>For 2 Years Warranty, Add</i>	129.88 32.47	
32 93 33 00-0100 EA 36" Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo ..... <i>For 2 Years Warranty, Add</i>	33.72 8.43	
32 93 33 00-0101 EA 30" Balled and Burlapped, Forsythia cvs - Forsythia cultivars ..... <i>For 2 Years Warranty, Add</i>	28.72 7.18	
32 93 33 00-0102 EA 36" Balled and Burlapped, Forsythia cvs - Forsythia cultivars ..... <i>For 2 Years Warranty, Add</i>	31.85 7.96	
32 93 33 00-0103 EA 48" Balled and Burlapped, Forsythia cvs - Forsythia cultivars ..... <i>For 2 Years Warranty, Add</i>	34.34 8.59	
32 93 33 00-0104 EA 18" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia ..... <i>For 2 Years Warranty, Add</i>	29.97 7.49	
32 93 33 00-0105 EA 24" Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia ..... <i>For 2 Years Warranty, Add</i>	39.96 9.99	
32 93 33 00-0106 EA 24" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia..... <i>For 2 Years Warranty, Add</i>	29.97 7.49	
32 93 33 00-0107 EA 30" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia..... <i>For 2 Years Warranty, Add</i>	34.97 8.74	
32 93 33 00-0108 EA 36" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia..... <i>For 2 Years Warranty, Add</i>	41.21 10.30	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 93 33 00-0109	EA	42" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0110	EA	48" Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0111	EA	2 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	42.46	
		<i>For 2 Years Warranty, Add</i>		10.62	
32 93 33 00-0112	EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	59.32	
		<i>For 2 Years Warranty, Add</i>		14.83	
32 93 33 00-0113	EA	5 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	62.44	
		<i>For 2 Years Warranty, Add</i>		15.61	
32 93 33 00-0114	EA	15" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	64.94	
		<i>For 2 Years Warranty, Add</i>		16.24	
32 93 33 00-0115	EA	18" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	69.93	
		<i>For 2 Years Warranty, Add</i>		17.48	
32 93 33 00-0116	EA	24" Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla	.....	84.92	
		<i>For 2 Years Warranty, Add</i>		21.23	
32 93 33 00-0117	EA	24" Balled and Burlapped, Fothergilla major - Large Fothergilla	.....	109.90	
		<i>For 2 Years Warranty, Add</i>		27.48	
32 93 33 00-0118	EA	30" Balled and Burlapped, Fothergilla major - Large Fothergilla	.....	124.88	
		<i>For 2 Years Warranty, Add</i>		31.22	
32 93 33 00-0119	EA	36" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	.....	87.42	
		<i>For 2 Years Warranty, Add</i>		21.86	
32 93 33 00-0120	EA	48" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	.....	142.37	
		<i>For 2 Years Warranty, Add</i>		35.59	
32 93 33 00-0121	EA	60" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	.....	179.83	
		<i>For 2 Years Warranty, Add</i>		44.96	
32 93 33 00-0122	EA	72" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	.....	274.74	
		<i>For 2 Years Warranty, Add</i>		68.69	
32 93 33 00-0123	EA	84" Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel	.....	312.21	
		<i>For 2 Years Warranty, Add</i>		78.05	
32 93 33 00-0124	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	.....	43.71	
		<i>For 2 Years Warranty, Add</i>		10.93	
32 93 33 00-0125	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0126	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0127	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	.....	57.45	
		<i>For 2 Years Warranty, Add</i>		14.36	
32 93 33 00-0128	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	.....	44.96	
		<i>For 2 Years Warranty, Add</i>		11.24	
32 93 33 00-0129	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	.....	59.94	
		<i>For 2 Years Warranty, Add</i>		14.99	
32 93 33 00-0130	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	.....	26.23	
		<i>For 2 Years Warranty, Add</i>		6.56	
32 93 33 00-0131	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	.....	31.22	
		<i>For 2 Years Warranty, Add</i>		7.81	
32 93 33 00-0132	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 18 inch b & b (Tardiva Hydranga)	.....	26.85	
		<i>For 2 Years Warranty, Add</i>		6.71	
32 93 33 00-0133	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 24 inch b & b (Tardiva Hydranga)	.....	28.72	
		<i>For 2 Years Warranty, Add</i>		7.18	
32 93 33 00-0134	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 30 inch b & b (Tardiva Hydranga)	.....	32.47	
		<i>For 2 Years Warranty, Add</i>		8.12	
32 93 33 00-0135	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 36 inch b & b (Tardiva Hydranga)	.....	37.46	
		<i>For 2 Years Warranty, Add</i>		9.37	
32 93 33 00-0136	EA	Hydrangea paniculata & cvs - Panicle Hydrangea 48 inch b & b (Tardiva Hydranga)	.....	49.95	
		<i>For 2 Years Warranty, Add</i>		12.49	
32 93 33 00-0137	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	.....	36.22	
		<i>For 2 Years Warranty, Add</i>		9.06	
32 93 33 00-0138	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	.....	41.21	
		<i>For 2 Years Warranty, Add</i>		10.30	
32 93 33 00-0139	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	.....	48.70	
		<i>For 2 Years Warranty, Add</i>		12.18	
32 93 33 00-0140	EA	3 Gallon Hypericum kalmianun - Kalm St. John's Wort	.....	29.97	
		<i>For 2 Years Warranty, Add</i>		7.49	
32 93 33 00-0141	EA	24" Balled and Burlapped, Hypericum kalmianun - Kalm St. John's Wort	.....	32.47	
		<i>For 2 Years Warranty, Add</i>		8.12	
32 93 33 00-0142	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	.....	38.71	
		<i>For 2 Years Warranty, Add</i>		9.68	
32 93 33 00-0143	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	.....	43.71	
		<i>For 2 Years Warranty, Add</i>		10.93	
32 93 33 00-0144	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	.....	49.95	
		<i>For 2 Years Warranty, Add</i>		12.49	
32 93 33 00-0145	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	.....	46.21	
		<i>For 2 Years Warranty, Add</i>		11.55	
32 93 33 00-0146	EA	24" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	.....	56.20	
		<i>For 2 Years Warranty, Add</i>		14.05	
32 93 33 00-0147	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	.....	41.21	
		<i>For 2 Years Warranty, Add</i>		10.30	
32 93 33 00-0148	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	.....	41.21	
		<i>For 2 Years Warranty, Add</i>		10.30	
32 93 33 00-0149	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	.....	43.71	
		<i>For 2 Years Warranty, Add</i>		10.93	
32 93 33 00-0150	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	.....	52.45	
		<i>For 2 Years Warranty, Add</i>		13.11	





		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0151	EA		42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	58.69	
			<i>For 2 Years Warranty, Add</i>	14.67	
32 93 33 00-0152	EA		48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	62.44	
			<i>For 2 Years Warranty, Add</i>	15.61	
32 93 33 00-0153	EA		60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry.....	79.92	
			<i>For 2 Years Warranty, Add</i>	19.98	
32 93 33 00-0154	EA		3 Gallon Juniperus chinensis cvs - Chinese Juniper.....	43.71	
			<i>For 2 Years Warranty, Add</i>	10.93	
32 93 33 00-0155	EA		5 Gallon Juniperus chinensis cvs - Chinese Juniper.....	48.70	
			<i>For 2 Years Warranty, Add</i>	12.18	
32 93 33 00-0156	EA		Juniperus chinensis cvs - Chinese Juniper cultivars 18 inch b & b (Sea Green Juniper).....	64.94	
			<i>For 2 Years Warranty, Add</i>	16.24	
32 93 33 00-0157	EA		Juniperus chinensis cvs - Chinese Juniper cultivars 24 inch b & b (Sea Green Juniper).....	84.92	
			<i>For 2 Years Warranty, Add</i>	21.23	
32 93 33 00-0158	EA		Juniperus chinensis cvs - Chinese Juniper cultivars 30 inch b & b (Sea Green Juniper).....	99.91	
			<i>For 2 Years Warranty, Add</i>	24.98	
32 93 33 00-0159	EA		Juniperus chinensis cvs - Chinese Juniper cultivars 36 inch b & b (Sea Green Juniper).....	134.87	
			<i>For 2 Years Warranty, Add</i>	33.72	
32 93 33 00-0160	EA		Juniperus chinensis cvs - Chinese Juniper cultivars 48 inch b & b (Sea Green Juniper).....	184.83	
			<i>For 2 Years Warranty, Add</i>	46.21	
32 93 33 00-0161	EA		1 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	20.82	
			<i>For 2 Years Warranty, Add</i>	5.21	
32 93 33 00-0162	EA		3 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	43.71	
			<i>For 2 Years Warranty, Add</i>	10.93	
32 93 33 00-0163	EA		5 Gallon Juniperus horizontalis cvs - Creeping Juniper.....	48.70	
			<i>For 2 Years Warranty, Add</i>	12.18	
32 93 33 00-0164	EA		15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	52.45	
			<i>For 2 Years Warranty, Add</i>	13.11	
32 93 33 00-0165	EA		18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	57.45	
			<i>For 2 Years Warranty, Add</i>	14.36	
32 93 33 00-0166	EA		24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	69.93	
			<i>For 2 Years Warranty, Add</i>	17.48	
32 93 33 00-0167	EA		30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper.....	84.92	
			<i>For 2 Years Warranty, Add</i>	21.23	
32 93 33 00-0168	EA		3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper.....	33.72	
			<i>For 2 Years Warranty, Add</i>	8.43	
32 93 33 00-0169	EA		18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	39.96	
			<i>For 2 Years Warranty, Add</i>	9.99	
32 93 33 00-0170	EA		24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	54.95	
			<i>For 2 Years Warranty, Add</i>	13.74	
32 93 33 00-0171	EA		30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	69.93	
			<i>For 2 Years Warranty, Add</i>	17.48	
32 93 33 00-0172	EA		36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper.....	84.92	
			<i>For 2 Years Warranty, Add</i>	21.23	
32 93 33 00-0173	EA		3 Gallon Juniperus sabina cvs - Savin Juniper.....	31.22	
			<i>For 2 Years Warranty, Add</i>	7.81	
32 93 33 00-0174	EA		5 Gallon Juniperus sabina cvs - Savin Juniper.....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0175	EA		4 Gallon Juniperus virginiana cvs - Red Cedar Juniper.....	32.47	
			<i>For 2 Years Warranty, Add</i>	8.12	
32 93 33 00-0176	EA		36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper.....	62.44	
			<i>For 2 Years Warranty, Add</i>	15.61	
32 93 33 00-0177	EA		48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper.....	97.41	
			<i>For 2 Years Warranty, Add</i>	24.35	
32 93 33 00-0178	EA		60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper.....	122.38	
			<i>For 2 Years Warranty, Add</i>	30.60	
32 93 33 00-0179	EA		24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	36.22	
			<i>For 2 Years Warranty, Add</i>	9.06	
32 93 33 00-0180	EA		30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	41.21	
			<i>For 2 Years Warranty, Add</i>	10.30	
32 93 33 00-0181	EA		36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	44.96	
			<i>For 2 Years Warranty, Add</i>	11.24	
32 93 33 00-0182	EA		42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	52.45	
			<i>For 2 Years Warranty, Add</i>	13.11	
32 93 33 00-0183	EA		48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	59.94	
			<i>For 2 Years Warranty, Add</i>	14.99	
32 93 33 00-0184	EA		60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush.....	74.93	
			<i>For 2 Years Warranty, Add</i>	18.73	
32 93 33 00-0185	EA		1 Gallon Lagerstroemia indica - Crape Myrtle.....	8.59	
			<i>For 2 Years Warranty, Add</i>	2.15	
32 93 33 00-0186	EA		5 Gallon Lagerstroemia indica - Crape Myrtle.....	30.59	
			<i>For 2 Years Warranty, Add</i>	7.65	
32 93 33 00-0187	EA		3' To 4' Lagerstroemia indica - Crape Myrtle.....	42.66	
			<i>For 2 Years Warranty, Add</i>	10.67	
32 93 33 00-0188	EA		4' To 5' Lagerstroemia indica - Crape Myrtle.....	62.65	
			<i>For 2 Years Warranty, Add</i>	15.66	
32 93 33 00-0189	EA		5' To 6' Lagerstroemia indica - Crape Myrtle.....	99.55	
			<i>For 2 Years Warranty, Add</i>	24.89	
32 93 33 00-0190	EA		7' To 8' Lagerstroemia indica - Crape Myrtle.....	129.25	
			<i>For 2 Years Warranty, Add</i>	32.31	
32 93 33 00-0191	EA		9' To 10' Lagerstroemia indica - Crape Myrtle.....	172.34	
			<i>For 2 Years Warranty, Add</i>	43.09	
32 93 33 00-0192	EA		11' To 12' Lagerstroemia indica - Crape Myrtle.....	359.04	
			<i>For 2 Years Warranty, Add</i>	89.76	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0193	EA		1 Gallon Leucothoe axillaris - Coast Leucothoe.....	12.88	
			<i>For 2 Years Warranty, Add</i>	3.22	
32 93 33 00-0194	EA		2 Gallon Leucothoe axillaris - Coast Leucothoe.....	28.17	
			<i>For 2 Years Warranty, Add</i>	7.04	
32 93 33 00-0195	EA		36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet .....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0196	EA		48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet .....	54.95	
			<i>For 2 Years Warranty, Add</i>	13.74	
32 93 33 00-0197	EA		60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet .....	69.93	
			<i>For 2 Years Warranty, Add</i>	17.48	
32 93 33 00-0198	EA		72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet .....	79.92	
			<i>For 2 Years Warranty, Add</i>	19.98	
32 93 33 00-0199	EA		5 Gallon Lindera benzoin - Spicebush .....	41.21	
			<i>For 2 Years Warranty, Add</i>	10.30	
32 93 33 00-0200	EA		36" Balled and Burlapped, Lindera benzoin - Spicebush .....	34.97	
			<i>For 2 Years Warranty, Add</i>	8.74	
32 93 33 00-0201	EA		48" Balled and Burlapped, Lindera benzoin - Spicebush .....	42.46	
			<i>For 2 Years Warranty, Add</i>	10.62	
32 93 33 00-0202	EA		30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle .....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0203	EA		36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle .....	44.96	
			<i>For 2 Years Warranty, Add</i>	11.24	
32 93 33 00-0204	EA		42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle .....	49.95	
			<i>For 2 Years Warranty, Add</i>	12.49	
32 93 33 00-0205	EA		48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle .....	54.95	
			<i>For 2 Years Warranty, Add</i>	13.74	
32 93 33 00-0206	EA		3 Gallon Myrica pensylvanica - Northern Bayberry.....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0207	EA		24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry.....	61.19	
			<i>For 2 Years Warranty, Add</i>	15.30	
32 93 33 00-0208	EA		30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry.....	89.92	
			<i>For 2 Years Warranty, Add</i>	22.48	
32 93 33 00-0209	EA		36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry.....	107.40	
			<i>For 2 Years Warranty, Add</i>	26.85	
32 93 33 00-0210	EA		48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry.....	112.39	
			<i>For 2 Years Warranty, Add</i>	28.10	
32 93 33 00-0211	EA		36" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange.....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0212	EA		42" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange.....	43.71	
			<i>For 2 Years Warranty, Add</i>	10.93	
32 93 33 00-0213	EA		48" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange.....	49.95	
			<i>For 2 Years Warranty, Add</i>	12.49	
32 93 33 00-0214	EA		24" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	37.46	
			<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0215	EA		30" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	43.71	
			<i>For 2 Years Warranty, Add</i>	10.93	
32 93 33 00-0216	EA		36" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	49.95	
			<i>For 2 Years Warranty, Add</i>	12.49	
32 93 33 00-0217	EA		42" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	62.44	
			<i>For 2 Years Warranty, Add</i>	15.61	
32 93 33 00-0218	EA		48" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark.....	74.93	
			<i>For 2 Years Warranty, Add</i>	18.73	
32 93 33 00-0219	EA		24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	38.91	
			<i>For 2 Years Warranty, Add</i>	9.73	
32 93 33 00-0220	EA		30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	49.80	
			<i>For 2 Years Warranty, Add</i>	12.45	
32 93 33 00-0221	EA		36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	59.92	
			<i>For 2 Years Warranty, Add</i>	14.98	
32 93 33 00-0222	EA		48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	77.04	
			<i>For 2 Years Warranty, Add</i>	19.26	
32 93 33 00-0223	EA		60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	92.60	
			<i>For 2 Years Warranty, Add</i>	23.15	
32 93 33 00-0224	EA		72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine .....	135.39	
			<i>For 2 Years Warranty, Add</i>	33.85	
32 93 33 00-0225	EA		30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine .....	84.04	
			<i>For 2 Years Warranty, Add</i>	21.01	
32 93 33 00-0226	EA		36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine .....	101.16	
			<i>For 2 Years Warranty, Add</i>	25.29	
32 93 33 00-0227	EA		48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine .....	134.62	
			<i>For 2 Years Warranty, Add</i>	33.66	
32 93 33 00-0228	EA		2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil .....	21.23	
			<i>For 2 Years Warranty, Add</i>	5.31	
32 93 33 00-0229	EA		5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil .....	29.97	
			<i>For 2 Years Warranty, Add</i>	7.49	
32 93 33 00-0230	EA		18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil .....	22.48	
			<i>For 2 Years Warranty, Add</i>	5.62	
32 93 33 00-0231	EA		24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil .....	24.98	
			<i>For 2 Years Warranty, Add</i>	6.25	
32 93 33 00-0232	EA		30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil .....	36.22	
			<i>For 2 Years Warranty, Add</i>	9.06	
32 93 33 00-0233	EA		36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil .....	41.84	
			<i>For 2 Years Warranty, Add</i>	10.46	
32 93 33 00-0234	EA		3 Gallon Rhododendron cvs - Lepidote Rhododendron.....	44.96	
			<i>For 2 Years Warranty, Add</i>	11.24	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
32 93 33 00-0235 EA 5 Gallon Rhododendron cvs - Lepidote Rhododendron.....	54.95	
For 2 Years Warranty, Add	13.74	
32 93 33 00-0236 EA 18" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron.....	67.44	
For 2 Years Warranty, Add	16.86	
32 93 33 00-0237 EA 24" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron.....	84.92	
For 2 Years Warranty, Add	21.23	
32 93 33 00-0238 EA 30" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron.....	99.91	
For 2 Years Warranty, Add	24.98	
32 93 33 00-0239 EA 36" Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron.....	119.89	
For 2 Years Warranty, Add	29.97	
32 93 33 00-0240 EA 2 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	29.97	
For 2 Years Warranty, Add	7.49	
32 93 33 00-0241 EA 5 Gallon Rhus aromatica & cvs - Fragrant Sumac.....	41.21	
For 2 Years Warranty, Add	10.30	
32 93 33 00-0242 EA 18" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac.....	47.46	
For 2 Years Warranty, Add	11.87	
32 93 33 00-0243 EA 24" Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac.....	62.44	
For 2 Years Warranty, Add	15.61	
32 93 33 00-0244 EA 36" Balled and Burlapped, Rhus glabra - Smooth Sumac.....	37.46	
For 2 Years Warranty, Add	9.37	
32 93 33 00-0245 EA 48" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac.....	62.44	
For 2 Years Warranty, Add	15.61	
32 93 33 00-0246 EA 72" Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac.....	99.91	
For 2 Years Warranty, Add	24.98	
32 93 33 00-0247 EA 15" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant.....	33.72	
For 2 Years Warranty, Add	8.43	
32 93 33 00-0248 EA 18" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant.....	38.71	
For 2 Years Warranty, Add	9.68	
32 93 33 00-0249 EA 24" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant.....	56.20	
For 2 Years Warranty, Add	14.05	
32 93 33 00-0250 EA 30" Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant.....	74.93	
For 2 Years Warranty, Add	18.73	
32 93 33 00-0251 EA 1 Gallon Rosa hybrids & cvs - Shrub Rose.....	20.61	
For 2 Years Warranty, Add	5.15	
32 93 33 00-0252 EA 2 Gallon Rosa hybrids & cvs - Shrub Rose.....	24.98	
For 2 Years Warranty, Add	6.25	
32 93 33 00-0253 EA 3 Gallon Rosa hybrids & cvs - Shrub Rose.....	31.22	
For 2 Years Warranty, Add	7.81	
32 93 33 00-0254 EA 2 Gallon Rosa rugosa & cvs - Rugosa Rose.....	22.48	
For 2 Years Warranty, Add	5.62	
32 93 33 00-0255 EA 3 Gallon Rosa rugosa & cvs - Rugosa Rose.....	28.72	
For 2 Years Warranty, Add	7.18	
32 93 33 00-0256 EA 5 Gallon Sambucus canadensis - American Elder.....	41.21	
For 2 Years Warranty, Add	10.30	
32 93 33 00-0257 EA 1 Gallon Spiraea japonica & cvs - Japanese Spirea.....	12.88	
For 2 Years Warranty, Add	3.22	
32 93 33 00-0258 EA 2 Gallon Spiraea japonica & cvs - Japanese Spirea.....	25.36	
For 2 Years Warranty, Add	6.34	
32 93 33 00-0259 EA 3 Gallon Spiraea japonica & cvs - Japanese Spirea.....	29.35	
For 2 Years Warranty, Add	7.34	
32 93 33 00-0260 EA 5 Gallon Spiraea japonica & cvs - Japanese Spirea.....	31.85	
For 2 Years Warranty, Add	7.96	
32 93 33 00-0261 EA 18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	32.47	
For 2 Years Warranty, Add	8.12	
32 93 33 00-0262 EA 24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	37.46	
For 2 Years Warranty, Add	9.37	
32 93 33 00-0263 EA 30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	42.46	
For 2 Years Warranty, Add	10.62	
32 93 33 00-0264 EA 36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	49.33	
For 2 Years Warranty, Add	12.33	
32 93 33 00-0265 EA 2 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	19.98	
For 2 Years Warranty, Add	5.00	
32 93 33 00-0266 EA 5 Gallon Spiraea nipponica & cvs - Nippon Spiraea.....	29.97	
For 2 Years Warranty, Add	7.49	
32 93 33 00-0267 EA 18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea.....	27.47	
For 2 Years Warranty, Add	6.87	
32 93 33 00-0268 EA 24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea.....	32.47	
For 2 Years Warranty, Add	8.12	
32 93 33 00-0269 EA 30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea.....	37.46	
For 2 Years Warranty, Add	9.37	
32 93 33 00-0270 EA 36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea.....	42.46	
For 2 Years Warranty, Add	10.62	
32 93 33 00-0271 EA 48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spiraea.....	54.95	
For 2 Years Warranty, Add	13.74	
32 93 33 00-0272 EA 1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	12.88	
For 2 Years Warranty, Add	3.22	
32 93 33 00-0273 EA 2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	23.10	
For 2 Years Warranty, Add	5.78	
32 93 33 00-0274 EA 4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	29.97	
For 2 Years Warranty, Add	7.49	
32 93 33 00-0275 EA 18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	26.23	
For 2 Years Warranty, Add	6.56	
32 93 33 00-0276 EA 24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	31.85	
For 2 Years Warranty, Add	7.96	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 93 33 00-0277	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	.....	37.46	
		<i>For 2 Years Warranty, Add</i>		9.37	
32 93 33 00-0278	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea	.....	42.46	
		<i>For 2 Years Warranty, Add</i>		10.62	
32 93 33 00-0279	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	29.97	
		<i>For 2 Years Warranty, Add</i>		7.49	
32 93 33 00-0280	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	29.97	
		<i>For 2 Years Warranty, Add</i>		7.49	
32 93 33 00-0281	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	34.97	
		<i>For 2 Years Warranty, Add</i>		8.74	
32 93 33 00-0282	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0283	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0284	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea	.....	64.94	
		<i>For 2 Years Warranty, Add</i>		16.24	
32 93 33 00-0285	EA	5 Gallon Staphylea trifolia - Bladdernut	.....	42.16	
		<i>For 2 Years Warranty, Add</i>		10.54	
32 93 33 00-0286	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	.....	29.97	
		<i>For 2 Years Warranty, Add</i>		7.49	
32 93 33 00-0287	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanadra	.....	32.47	
		<i>For 2 Years Warranty, Add</i>		8.12	
32 93 33 00-0288	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	.....	37.46	
		<i>For 2 Years Warranty, Add</i>		9.37	
32 93 33 00-0289	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanadra	.....	44.96	
		<i>For 2 Years Warranty, Add</i>		11.24	
32 93 33 00-0290	EA	2 Gallon Symphoricarpos albus - Common Snowberry	.....	31.22	
		<i>For 2 Years Warranty, Add</i>		7.81	
32 93 33 00-0291	EA	5 Gallon Symphoricarpos albus - Common Snowberry	.....	33.09	
		<i>For 2 Years Warranty, Add</i>		8.27	
32 93 33 00-0292	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0293	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	.....	68.69	
		<i>For 2 Years Warranty, Add</i>		17.17	
32 93 33 00-0294	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	.....	79.92	
		<i>For 2 Years Warranty, Add</i>		19.98	
32 93 33 00-0295	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac	.....	92.41	
		<i>For 2 Years Warranty, Add</i>		23.10	
32 93 33 00-0296	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0297	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	.....	59.94	
		<i>For 2 Years Warranty, Add</i>		14.99	
32 93 33 00-0298	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	.....	68.69	
		<i>For 2 Years Warranty, Add</i>		17.17	
32 93 33 00-0299	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	.....	79.92	
		<i>For 2 Years Warranty, Add</i>		19.98	
32 93 33 00-0300	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac	.....	92.41	
		<i>For 2 Years Warranty, Add</i>		23.10	
32 93 33 00-0301	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	.....	43.71	
		<i>For 2 Years Warranty, Add</i>		10.93	
32 93 33 00-0302	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0303	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	.....	37.46	
		<i>For 2 Years Warranty, Add</i>		9.37	
32 93 33 00-0304	EA	42" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	.....	42.46	
		<i>For 2 Years Warranty, Add</i>		10.62	
32 93 33 00-0305	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0306	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	.....	54.95	
		<i>For 2 Years Warranty, Add</i>		13.74	
32 93 33 00-0307	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac	.....	67.44	
		<i>For 2 Years Warranty, Add</i>		16.86	
32 93 33 00-0308	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac	.....	31.22	
		<i>For 2 Years Warranty, Add</i>		7.81	
32 93 33 00-0309	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	.....	36.22	
		<i>For 2 Years Warranty, Add</i>		9.06	
32 93 33 00-0310	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac	.....	47.46	
		<i>For 2 Years Warranty, Add</i>		11.87	
32 93 33 00-0311	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	.....	198.56	
		<i>For 2 Years Warranty, Add</i>		49.64	
32 93 33 00-0312	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	.....	222.29	
		<i>For 2 Years Warranty, Add</i>		55.57	
32 93 33 00-0313	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	.....	244.77	
		<i>For 2 Years Warranty, Add</i>		61.19	
32 93 33 00-0314	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew	.....	294.72	
		<i>For 2 Years Warranty, Add</i>		73.68	
32 93 33 00-0315	EA	18" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	.....	52.45	
		<i>For 2 Years Warranty, Add</i>		13.11	
32 93 33 00-0316	EA	24" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	.....	68.69	
		<i>For 2 Years Warranty, Add</i>		17.17	
32 93 33 00-0317	EA	30" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	.....	79.92	
		<i>For 2 Years Warranty, Add</i>		19.98	
32 93 33 00-0318	EA	36" Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	.....	87.42	
		<i>For 2 Years Warranty, Add</i>		21.86	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0319	EA		15" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew ..... <i>For 2 Years Warranty, Add</i>	52.45 13.11	
32 93 33 00-0320	EA		18" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew ..... <i>For 2 Years Warranty, Add</i>	68.69 17.17	
32 93 33 00-0321	EA		24" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew ..... <i>For 2 Years Warranty, Add</i>	81.17 20.29	
32 93 33 00-0322	EA		30" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew ..... <i>For 2 Years Warranty, Add</i>	96.16 24.04	
32 93 33 00-0323	EA		36" Balled and Burlapped, Taxus x media & cvs - Anglojap Yew ..... <i>For 2 Years Warranty, Add</i>	144.86 36.22	
32 93 33 00-0324	EA		36" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	79.92 19.98	
32 93 33 00-0325	EA		48" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	107.40 26.85	
32 93 33 00-0326	EA		60" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	162.35 40.59	
32 93 33 00-0327	EA		72" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	237.28 59.32	
32 93 33 00-0328	EA		84" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	272.24 68.06	
32 93 33 00-0329	EA		96" Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae ..... <i>For 2 Years Warranty, Add</i>	315.95 78.99	
32 93 33 00-0330	EA		15" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae ..... <i>For 2 Years Warranty, Add</i>	34.97 8.74	
32 93 33 00-0331	EA		18" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae ..... <i>For 2 Years Warranty, Add</i>	48.70 12.18	
32 93 33 00-0332	EA		24" Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae ..... <i>For 2 Years Warranty, Add</i>	68.69 17.17	
32 93 33 00-0333	EA		30" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	68.69 17.17	
32 93 33 00-0334	EA		36" Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	82.42 20.61	
32 93 33 00-0335	EA		24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum ..... <i>For 2 Years Warranty, Add</i>	62.44 15.61	
32 93 33 00-0336	EA		30" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum ..... <i>For 2 Years Warranty, Add</i>	74.93 18.73	
32 93 33 00-0337	EA		36" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum ..... <i>For 2 Years Warranty, Add</i>	87.42 21.86	
32 93 33 00-0338	EA		42" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum ..... <i>For 2 Years Warranty, Add</i>	99.91 24.98	
32 93 33 00-0339	EA		36" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	34.97 8.74	
32 93 33 00-0340	EA		42" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	37.46 9.37	
32 93 33 00-0341	EA		48" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	43.71 10.93	
32 93 33 00-0342	EA		60" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	49.95 12.49	
32 93 33 00-0343	EA		72" Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum ..... <i>For 2 Years Warranty, Add</i>	54.95 13.74	
32 93 33 00-0344	EA		30" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	33.72 8.43	
32 93 33 00-0345	EA		36" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	37.46 9.37	
32 93 33 00-0346	EA		42" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	47.46 11.87	
32 93 33 00-0347	EA		48" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	54.95 13.74	
32 93 33 00-0348	EA		60" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	74.93 18.73	
32 93 33 00-0349	EA		72" Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum ..... <i>For 2 Years Warranty, Add</i>	89.92 22.48	
32 93 33 00-0350	EA		36" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	37.46 9.37	
32 93 33 00-0351	EA		48" Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	49.95 12.49	
32 93 33 00-0352	EA		5' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	62.44 15.61	
32 93 33 00-0353	EA		6' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	87.42 21.86	
32 93 33 00-0354	EA		7' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	124.88 31.22	
32 93 33 00-0355	EA		8' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	174.84 43.71	
32 93 33 00-0356	EA		9' Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum ..... <i>For 2 Years Warranty, Add</i>	224.79 56.20	
32 93 33 00-0357	EA		30" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum ..... <i>For 2 Years Warranty, Add</i>	44.96 11.24	
32 93 33 00-0358	EA		36" Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum ..... <i>For 2 Years Warranty, Add</i>	49.95 12.49	
32 93 33 00-0359	EA		36" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum ..... <i>For 2 Years Warranty, Add</i>	89.92 22.48	
32 93 33 00-0360	EA		48" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum ..... <i>For 2 Years Warranty, Add</i>	137.37 34.34	



**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 33 00-0361	EA	60" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	174.84	
		<i>For 2 Years Warranty, Add</i>	43.71	
32 93 33 00-0362	EA	72" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	212.30	
		<i>For 2 Years Warranty, Add</i>	53.08	
32 93 33 00-0363	EA	84" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	262.25	
		<i>For 2 Years Warranty, Add</i>	65.56	
32 93 33 00-0364	EA	96" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	312.21	
		<i>For 2 Years Warranty, Add</i>	78.05	
32 93 33 00-0365	EA	108" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	374.65	
		<i>For 2 Years Warranty, Add</i>	93.66	
32 93 33 00-0366	EA	120" Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	437.09	
		<i>For 2 Years Warranty, Add</i>	109.27	
32 93 33 00-0367	EA	30" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	38.09	
		<i>For 2 Years Warranty, Add</i>	9.52	
32 93 33 00-0368	EA	36" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	41.84	
		<i>For 2 Years Warranty, Add</i>	10.46	
32 93 33 00-0369	EA	48" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	47.46	
		<i>For 2 Years Warranty, Add</i>	11.87	
32 93 33 00-0370	EA	60" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	54.95	
		<i>For 2 Years Warranty, Add</i>	13.74	
32 93 33 00-0371	EA	72" Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	63.07	
		<i>For 2 Years Warranty, Add</i>	15.77	
32 93 33 00-0372	EA	18" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	36.22	
		<i>For 2 Years Warranty, Add</i>	9.06	
32 93 33 00-0373	EA	24" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	43.71	
		<i>For 2 Years Warranty, Add</i>	10.93	
32 93 33 00-0374	EA	30" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	52.45	
		<i>For 2 Years Warranty, Add</i>	13.11	
32 93 33 00-0375	EA	36" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	59.94	
		<i>For 2 Years Warranty, Add</i>	14.99	
32 93 33 00-0376	EA	42" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	72.43	
		<i>For 2 Years Warranty, Add</i>	18.11	
32 93 33 00-0377	EA	48" Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	79.92	
		<i>For 2 Years Warranty, Add</i>	19.98	
32 93 33 00-0378	EA	30" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	62.44	
		<i>For 2 Years Warranty, Add</i>	15.61	
32 93 33 00-0379	EA	36" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	74.93	
		<i>For 2 Years Warranty, Add</i>	18.73	
32 93 33 00-0380	EA	42" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	87.42	
		<i>For 2 Years Warranty, Add</i>	21.86	
32 93 33 00-0381	EA	48" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	99.91	
		<i>For 2 Years Warranty, Add</i>	24.98	
32 93 33 00-0382	EA	60" Balled and Burlapped, Viburnum x carlcephalum & cvs - Fragrant Viburnum	112.39	
		<i>For 2 Years Warranty, Add</i>	28.10	
32 93 33 00-0383	EA	30" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	79.92	
		<i>For 2 Years Warranty, Add</i>	19.98	
32 93 33 00-0384	EA	36" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	89.92	
		<i>For 2 Years Warranty, Add</i>	22.48	
32 93 33 00-0385	EA	42" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	102.40	
		<i>For 2 Years Warranty, Add</i>	25.60	
32 93 33 00-0386	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	117.39	
		<i>For 2 Years Warranty, Add</i>	29.35	
32 93 33 00-0387	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	41.21	
		<i>For 2 Years Warranty, Add</i>	10.30	
32 93 33 00-0388	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	37.46	
		<i>For 2 Years Warranty, Add</i>	9.37	
32 93 33 00-0389	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	42.46	
		<i>For 2 Years Warranty, Add</i>	10.62	
32 93 33 00-0390	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	47.46	
		<i>For 2 Years Warranty, Add</i>	11.87	
32 93 33 00-0391	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	54.95	
		<i>For 2 Years Warranty, Add</i>	13.74	
32 93 33 00-0392	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	62.44	
		<i>For 2 Years Warranty, Add</i>	15.61	

**32 93 43 Trees <sup>(32 93)</sup>**

Note: (cvs = cultivar or cultivated varieties) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

**32 93 43 00-0001 Deciduous Ornamental Trees <sup>(32 93 43)</sup>**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA	6' Clump Form Acer ginnala & cvs - Amur Maple	308.95	
		<i>For 2 Years Warranty, Add</i>	77.24	
32 93 43 00-0003	EA	7' Clump Form Acer ginnala & cvs - Amur Maple	377.61	
		<i>For 2 Years Warranty, Add</i>	94.40	
32 93 43 00-0004	EA	8' Clump Form Acer ginnala & cvs - Amur Maple	429.10	
		<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0005	EA	10' Clump Form Acer ginnala & cvs - Amur Maple	497.75	
		<i>For 2 Years Warranty, Add</i>	124.44	
32 93 43 00-0006	EA	12' Clump Form Acer ginnala & cvs - Amur Maple	566.41	
		<i>For 2 Years Warranty, Add</i>	141.60	
32 93 43 00-0007	EA	14' Clump Form Acer ginnala & cvs - Amur Maple	669.39	
		<i>For 2 Years Warranty, Add</i>	167.35	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0008	EA	1-1/2"	To 2" Caliper Acer griseum - Paperbark Maple	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0009	EA	2"	To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,098.49	
			<i>For 2 Years Warranty, Add</i>	274.62	
32 93 43 00-0010	EA	2-1/2"	To 3" Caliper Acer griseum - Paperbark Maple	1,373.11	
			<i>For 2 Years Warranty, Add</i>	343.28	
32 93 43 00-0011	EA	5'	Clump Form Acer griseum - Paperbark Maple	274.62	
			<i>For 2 Years Warranty, Add</i>	68.66	
32 93 43 00-0012	EA	36"	Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	99.91	
			<i>For 2 Years Warranty, Add</i>	24.98	
32 93 43 00-0013	EA	48"	Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	124.88	
			<i>For 2 Years Warranty, Add</i>	31.22	
32 93 43 00-0014	EA	60"	Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	154.85	
			<i>For 2 Years Warranty, Add</i>	38.71	
32 93 43 00-0015	EA	60"	Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	124.88	
			<i>For 2 Years Warranty, Add</i>	31.22	
32 93 43 00-0016	EA	72"	Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	149.86	
			<i>For 2 Years Warranty, Add</i>	37.47	
32 93 43 00-0017	EA	7'	Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	174.84	
			<i>For 2 Years Warranty, Add</i>	43.71	
32 93 43 00-0018	EA	8'	Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	199.81	
			<i>For 2 Years Warranty, Add</i>	49.95	
32 93 43 00-0019	EA	5'	Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	224.79	
			<i>For 2 Years Warranty, Add</i>	56.20	
32 93 43 00-0020	EA	6'	Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	249.77	
			<i>For 2 Years Warranty, Add</i>	62.44	
32 93 43 00-0021	EA	7'	Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	287.23	
			<i>For 2 Years Warranty, Add</i>	71.81	
32 93 43 00-0022	EA	8'	Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	324.69	
			<i>For 2 Years Warranty, Add</i>	81.17	
32 93 43 00-0023	EA	9'	Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	374.65	
			<i>For 2 Years Warranty, Add</i>	93.66	
32 93 43 00-0024	EA	1-1/2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	343.28	
			<i>For 2 Years Warranty, Add</i>	85.82	
32 93 43 00-0025	EA	2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	480.59	
			<i>For 2 Years Warranty, Add</i>	120.15	
32 93 43 00-0026	EA	2-1/2"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	514.92	
			<i>For 2 Years Warranty, Add</i>	128.73	
32 93 43 00-0027	EA	3"	Caliper Amelanchier x grandiflora & cvs - Apple Serviceberry	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	
32 93 43 00-0028	EA	6'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0029	EA	7'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	514.92	
			<i>For 2 Years Warranty, Add</i>	128.73	
32 93 43 00-0030	EA	8'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	
32 93 43 00-0031	EA	10'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	686.56	
			<i>For 2 Years Warranty, Add</i>	171.64	
32 93 43 00-0032	EA	12'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	772.38	
			<i>For 2 Years Warranty, Add</i>	193.10	
32 93 43 00-0033	EA	14'	Clump Form Amelanchier x grandiflora & cvs - Apple Serviceberry	858.20	
			<i>For 2 Years Warranty, Add</i>	214.55	
32 93 43 00-0034	EA	7'	Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	287.23	
			<i>For 2 Years Warranty, Add</i>	71.81	
32 93 43 00-0035	EA	8'	Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	337.18	
			<i>For 2 Years Warranty, Add</i>	84.30	
32 93 43 00-0036	EA	9'	Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	387.14	
			<i>For 2 Years Warranty, Add</i>	96.79	
32 93 43 00-0037	EA	10'	Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	424.60	
			<i>For 2 Years Warranty, Add</i>	106.15	
32 93 43 00-0038	EA	30"	Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	99.91	
			<i>For 2 Years Warranty, Add</i>	24.98	
32 93 43 00-0039	EA	48"	Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	212.30	
			<i>For 2 Years Warranty, Add</i>	53.08	
32 93 43 00-0040	EA	60"	Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	274.74	
			<i>For 2 Years Warranty, Add</i>	68.69	
32 93 43 00-0041	EA	2'	To 4' Amelemchier - Juneberry	30.41	
			<i>For 2 Years Warranty, Add</i>	7.60	
32 93 43 00-0042	EA	4'	To 5' Amelemchier - Juneberry	31.90	
			<i>For 2 Years Warranty, Add</i>	7.98	
32 93 43 00-0043	EA	5'	To 6' Amelemchier - Juneberry	37.98	
			<i>For 2 Years Warranty, Add</i>	9.50	
32 93 43 00-0044	EA	6'	To 8' Amelemchier - Juneberry	45.32	
			<i>For 2 Years Warranty, Add</i>	11.33	
32 93 43 00-0045	EA	3'	Clump Form Asimina triloba - Paw-Paw	240.29	
			<i>For 2 Years Warranty, Add</i>	60.07	
32 93 43 00-0046	EA	4'	Clump Form Asimina triloba - Paw-Paw	274.62	
			<i>For 2 Years Warranty, Add</i>	68.66	
32 93 43 00-0047	EA	5'	Clump Form Asimina triloba - Paw-Paw	377.61	
			<i>For 2 Years Warranty, Add</i>	94.40	
32 93 43 00-0048	EA	1-1/2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood	514.92	
			<i>For 2 Years Warranty, Add</i>	128.73	
32 93 43 00-0049	EA	2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 93 43 00-0050	EA	2-1/2"	Caliper Carpinus caroliniana - American Hornbeam Ironwood.....	772.38	
			<i>For 2 Years Warranty, Add</i>	193.10	
32 93 43 00-0051	EA	5'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	308.95	
			<i>For 2 Years Warranty, Add</i>	77.24	
32 93 43 00-0052	EA	6'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	377.61	
			<i>For 2 Years Warranty, Add</i>	94.40	
32 93 43 00-0053	EA	7'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	514.92	
			<i>For 2 Years Warranty, Add</i>	128.73	
32 93 43 00-0054	EA	8'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	
32 93 43 00-0055	EA	10'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	720.88	
			<i>For 2 Years Warranty, Add</i>	180.22	
32 93 43 00-0056	EA	12'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	875.36	
			<i>For 2 Years Warranty, Add</i>	218.84	
32 93 43 00-0057	EA	14'	Clump Form Carpinus caroliniana - American Hornbeam Ironwood .....	995.51	
			<i>For 2 Years Warranty, Add</i>	248.88	
32 93 43 00-0058	EA	6'	Clump Form Cercis canadensis & cvs - Eastern Redbud.....	411.93	
			<i>For 2 Years Warranty, Add</i>	102.98	
32 93 43 00-0059	EA	7'	Clump Form Cercis canadensis & cvs - Eastern Redbud.....	566.41	
			<i>For 2 Years Warranty, Add</i>	141.60	
32 93 43 00-0060	EA	8'	Clump Form Cercis canadensis & cvs - Eastern Redbud.....	720.88	
			<i>For 2 Years Warranty, Add</i>	180.22	
32 93 43 00-0061	EA	1-1/2"	Caliper Cercis canadensis & cvs - Eastern Redbud .....	394.77	
			<i>For 2 Years Warranty, Add</i>	98.69	
32 93 43 00-0062	EA	2"	Caliper Cercis canadensis & cvs - Eastern Redbud .....	463.43	
			<i>For 2 Years Warranty, Add</i>	115.86	
32 93 43 00-0063	EA	5' To 6'	Chaenomeles - Orange Quince.....	108.43	
			<i>For 2 Years Warranty, Add</i>	27.11	
32 93 43 00-0064	EA	6' To 8'	Chaenomeles - Orange Quince.....	135.53	
			<i>For 2 Years Warranty, Add</i>	33.88	
32 93 43 00-0065	EA	5'	Clump Form Chionanthus virginicus - White Fringetree.....	343.28	
			<i>For 2 Years Warranty, Add</i>	85.82	
32 93 43 00-0066	EA	6'	Clump Form Chionanthus virginicus - White Fringetree.....	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0067	EA	7'	Clump Form Chionanthus virginicus - White Fringetree.....	549.25	
			<i>For 2 Years Warranty, Add</i>	137.31	
32 93 43 00-0068	EA	1-1/2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood.....	394.77	
			<i>For 2 Years Warranty, Add</i>	98.69	
32 93 43 00-0069	EA	2"	Caliper Cornus alternifolia & cvs - Pagoda Dogwood.....	480.59	
			<i>For 2 Years Warranty, Add</i>	120.15	
32 93 43 00-0070	EA	4'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood .....	188.80	
			<i>For 2 Years Warranty, Add</i>	47.20	
32 93 43 00-0071	EA	5'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood .....	240.29	
			<i>For 2 Years Warranty, Add</i>	60.07	
32 93 43 00-0072	EA	6'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood .....	274.62	
			<i>For 2 Years Warranty, Add</i>	68.66	
32 93 43 00-0073	EA	7'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood .....	308.95	
			<i>For 2 Years Warranty, Add</i>	77.24	
32 93 43 00-0074	EA	8'	Clump Form Cornus alternifolia & cvs - Pagoda Dogwood .....	377.61	
			<i>For 2 Years Warranty, Add</i>	94.40	
32 93 43 00-0075	EA	4'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	188.80	
			<i>For 2 Years Warranty, Add</i>	47.20	
32 93 43 00-0076	EA	5'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	240.29	
			<i>For 2 Years Warranty, Add</i>	60.07	
32 93 43 00-0077	EA	6'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	291.79	
			<i>For 2 Years Warranty, Add</i>	72.95	
32 93 43 00-0078	EA	7'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	343.28	
			<i>For 2 Years Warranty, Add</i>	85.82	
32 93 43 00-0079	EA	8'	Clump Form Cornus mas & cvs - Corneliancherry Dogwood.....	480.59	
			<i>For 2 Years Warranty, Add</i>	120.15	
32 93 43 00-0080	EA	1-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0081	EA	2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	514.92	
			<i>For 2 Years Warranty, Add</i>	128.73	
32 93 43 00-0082	EA	2-1/2"	Caliper Cornus mas & cvs - Corneliancherry Dogwood.....	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	
32 93 43 00-0083	EA	1-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	343.28	
			<i>For 2 Years Warranty, Add</i>	85.82	
32 93 43 00-0084	EA	2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0085	EA	2-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	532.08	
			<i>For 2 Years Warranty, Add</i>	133.02	
32 93 43 00-0086	EA	3"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	600.74	
			<i>For 2 Years Warranty, Add</i>	150.19	
32 93 43 00-0087	EA	3-1/2"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	686.56	
			<i>For 2 Years Warranty, Add</i>	171.64	
32 93 43 00-0088	EA	4"	Caliper Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn.....	772.38	
			<i>For 2 Years Warranty, Add</i>	193.10	
32 93 43 00-0089	EA	6'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn .....	343.28	
			<i>For 2 Years Warranty, Add</i>	85.82	
32 93 43 00-0090	EA	7'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn .....	411.93	
			<i>For 2 Years Warranty, Add</i>	102.98	
32 93 43 00-0091	EA	8'	Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn .....	480.59	
			<i>For 2 Years Warranty, Add</i>	120.15	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0092	EA		10' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0093	EA		12' Clump Form Crataegus crusgalli inermis & cvs - Thornless Cockspur Hawthorn .....	772.38	
			<i>For 2 Years Warranty, Add</i> .....	193.10	
32 93 43 00-0094	EA		1-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn .....	274.62	
			<i>For 2 Years Warranty, Add</i> .....	68.66	
32 93 43 00-0095	EA		2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	308.95	
			<i>For 2 Years Warranty, Add</i> .....	77.24	
32 93 43 00-0096	EA		2-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0097	EA		3" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	394.77	
			<i>For 2 Years Warranty, Add</i> .....	98.69	
32 93 43 00-0098	EA		3-1/2" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn .....	514.92	
			<i>For 2 Years Warranty, Add</i> .....	128.73	
32 93 43 00-0099	EA		4" Caliper Crataegus phaenopyrum & cvs - Washington Hawthorn.....	583.57	
			<i>For 2 Years Warranty, Add</i> .....	145.89	
32 93 43 00-0100	EA		6' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	240.29	
			<i>For 2 Years Warranty, Add</i> .....	60.07	
32 93 43 00-0101	EA		7' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	291.79	
			<i>For 2 Years Warranty, Add</i> .....	72.95	
32 93 43 00-0102	EA		8' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0103	EA		10' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	429.10	
			<i>For 2 Years Warranty, Add</i> .....	107.28	
32 93 43 00-0104	EA		12' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	532.08	
			<i>For 2 Years Warranty, Add</i> .....	133.02	
32 93 43 00-0105	EA		14' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	635.06	
			<i>For 2 Years Warranty, Add</i> .....	158.77	
32 93 43 00-0106	EA		16' Clump Form Crataegus phaenopyrum & cvs - Washington Hawthorn .....	738.05	
			<i>For 2 Years Warranty, Add</i> .....	184.51	
32 93 43 00-0107	EA		1-1/2" Caliper Crataegus viridis - Winter King Hawthorn .....	274.62	
			<i>For 2 Years Warranty, Add</i> .....	68.66	
32 93 43 00-0108	EA		2" Caliper Crataegus viridis - Winter King Hawthorn .....	308.95	
			<i>For 2 Years Warranty, Add</i> .....	77.24	
32 93 43 00-0109	EA		2-1/2" Caliper Crataegus viridis - Winter King Hawthorn .....	429.10	
			<i>For 2 Years Warranty, Add</i> .....	107.28	
32 93 43 00-0110	EA		3" Caliper Crataegus viridis - Winter King Hawthorn .....	566.41	
			<i>For 2 Years Warranty, Add</i> .....	141.60	
32 93 43 00-0111	EA		6' Clump Form Crataegus viridis - Winter King Hawthorn.....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0112	EA		7' Clump Form Crataegus viridis - Winter King Hawthorn.....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0113	EA		8' Clump Form Crataegus viridis - Winter King Hawthorn.....	429.10	
			<i>For 2 Years Warranty, Add</i> .....	107.28	
32 93 43 00-0114	EA		10' Clump Form Crataegus viridis - Winter King Hawthorn.....	514.92	
			<i>For 2 Years Warranty, Add</i> .....	128.73	
32 93 43 00-0115	EA		4' Clump Form Hamamelis virginiana - Common Witchhazel .....	171.64	
			<i>For 2 Years Warranty, Add</i> .....	42.91	
32 93 43 00-0116	EA		5' Clump Form Hamamelis virginiana - Common Witchhazel .....	223.13	
			<i>For 2 Years Warranty, Add</i> .....	55.78	
32 93 43 00-0117	EA		6' Clump Form Hamamelis virginiana - Common Witchhazel .....	274.62	
			<i>For 2 Years Warranty, Add</i> .....	68.66	
32 93 43 00-0118	EA		7' Clump Form Hamamelis virginiana - Common Witchhazel .....	377.61	
			<i>For 2 Years Warranty, Add</i> .....	94.40	
32 93 43 00-0119	EA		8' Clump Form Hamamelis virginiana - Common Witchhazel .....	514.92	
			<i>For 2 Years Warranty, Add</i> .....	128.73	
32 93 43 00-0120	EA		4' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0121	EA		5' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia.....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0122	EA		6' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0123	EA		7' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0124	EA		9' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia .....	669.39	
			<i>For 2 Years Warranty, Add</i> .....	167.35	
32 93 43 00-0125	EA		8' Clump Form Magnolia acuminata, cvs & hybrids - Cucumbertree Magnolia .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0126	EA		4' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0127	EA		5' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0128	EA		6' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0129	EA		7' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0130	EA		8' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0131	EA		9' Clump Form Magnolia kobus, cvs & hybrids - Kobus Magnolia .....	669.39	
			<i>For 2 Years Warranty, Add</i> .....	167.35	
32 93 43 00-0132	EA		4' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0133	EA		5' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 93 43 00-0134	EA		6' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0135	EA		7' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0136	EA		8' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0137	EA		9' Clump Form Magnolia loebneri, cvs & hybrids - Loebner Magnolia .....	669.39	
			<i>For 2 Years Warranty, Add</i> .....	167.35	
32 93 43 00-0138	EA		4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0139	EA		5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0140	EA		6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0141	EA		7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0142	EA		8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0143	EA		9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia .....	669.39	
			<i>For 2 Years Warranty, Add</i> .....	167.35	
32 93 43 00-0144	EA		4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0145	EA		5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0146	EA		6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0147	EA		7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0148	EA		8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	600.74	
			<i>For 2 Years Warranty, Add</i> .....	150.19	
32 93 43 00-0149	EA		9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia .....	669.39	
			<i>For 2 Years Warranty, Add</i> .....	167.35	
32 93 43 00-0150	EA		1-1/2" Caliper Malus cvs - Crabapple Varieties.....	205.97	
			<i>For 2 Years Warranty, Add</i> .....	51.49	
32 93 43 00-0151	EA		2" Caliper Malus cvs - Crabapple Varieties.....	274.62	
			<i>For 2 Years Warranty, Add</i> .....	68.66	
32 93 43 00-0152	EA		2-1/2" Caliper Malus cvs - Crabapple Varieties.....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0153	EA		3" Caliper Malus cvs - Crabapple Varieties.....	411.93	
			<i>For 2 Years Warranty, Add</i> .....	102.98	
32 93 43 00-0154	EA		3-1/2" Caliper Malus cvs - Crabapple Varieties.....	480.59	
			<i>For 2 Years Warranty, Add</i> .....	120.15	
32 93 43 00-0155	EA		4" Caliper Malus cvs - Crabapple Varieties.....	549.25	
			<i>For 2 Years Warranty, Add</i> .....	137.31	
32 93 43 00-0156	EA		6' Clump Form Malus cvs - Crabapple Varieties .....	308.95	
			<i>For 2 Years Warranty, Add</i> .....	77.24	
32 93 43 00-0157	EA		7' Clump Form Malus cvs - Crabapple Varieties .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0158	EA		8' Clump Form Malus cvs - Crabapple Varieties .....	429.10	
			<i>For 2 Years Warranty, Add</i> .....	107.28	
32 93 43 00-0159	EA		10' Clump Form Malus cvs - Crabapple Varieties .....	480.59	
			<i>For 2 Years Warranty, Add</i> .....	120.15	
32 93 43 00-0160	EA		12' Clump Form Malus cvs - Crabapple Varieties .....	617.90	
			<i>For 2 Years Warranty, Add</i> .....	154.48	
32 93 43 00-0161	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 1.5" cal. (Tina Sargent Crabapple) .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	
32 93 43 00-0162	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 2.0" cal. (Tina Sargent Crabapple) .....	429.10	
			<i>For 2 Years Warranty, Add</i> .....	107.28	
32 93 43 00-0163	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 4 feet, clump form (Tina Sargent Crabapple) .....	257.46	
			<i>For 2 Years Warranty, Add</i> .....	64.37	
32 93 43 00-0164	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 5 feet, clump form (Tina Sargent Crabapple) .....	326.11	
			<i>For 2 Years Warranty, Add</i> .....	81.53	
32 93 43 00-0165	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 6 feet, clump form (Tina Sargent Crabapple) .....	394.77	
			<i>For 2 Years Warranty, Add</i> .....	98.69	
32 93 43 00-0166	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 7 feet, clump form (Tina Sargent Crabapple) .....	446.26	
			<i>For 2 Years Warranty, Add</i> .....	111.57	
32 93 43 00-0167	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 8 feet, clump form (Tina Sargent Crabapple) .....	497.75	
			<i>For 2 Years Warranty, Add</i> .....	124.44	
32 93 43 00-0168	EA		Malus dwarf cvs as specified: - Dwarf Crabapple cultivars 9 feet, clump form (Tina Sargent Crabapple) .....	549.25	
			<i>For 2 Years Warranty, Add</i> .....	137.31	
32 93 43 00-0169	EA		Pyrus calleryana & cvs - Callery Pear 1.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	535.81	
			<i>For 2 Years Warranty, Add</i> .....	133.95	
32 93 43 00-0170	EA		Pyrus calleryana & cvs - Callery Pear 2.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	669.76	
			<i>For 2 Years Warranty, Add</i> .....	167.44	
32 93 43 00-0171	EA		Pyrus calleryana & cvs - Callery Pear 2.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	830.50	
			<i>For 2 Years Warranty, Add</i> .....	207.63	
32 93 43 00-0172	EA		Pyrus calleryana & cvs - Callery Pear 3.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	937.67	
			<i>For 2 Years Warranty, Add</i> .....	234.42	
32 93 43 00-0173	EA		Pyrus calleryana & cvs - Callery Pear 3.5 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	1,044.83	
			<i>For 2 Years Warranty, Add</i> .....	261.21	
32 93 43 00-0174	EA		Pyrus calleryana & cvs - Callery Pear 4.0 inch cal. (Chanticleer Or Aristocrat Flowering Pear) .....	1,339.52	
			<i>For 2 Years Warranty, Add</i> .....	334.88	
32 93 43 00-0175	EA		1-1/2" Caliper Sorbus alnifolia - Korean Mountainash .....	343.28	
			<i>For 2 Years Warranty, Add</i> .....	85.82	





		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0176	EA		2" Caliper Sorbus alnifolia - Korean Mountainash .....	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0177	EA		2-1/2" Caliper Sorbus alnifolia - Korean Mountainash .....	532.08	
			<i>For 2 Years Warranty, Add</i>	133.02	
32 93 43 00-0178	EA		3" Caliper Sorbus alnifolia - Korean Mountainash .....	652.23	
			<i>For 2 Years Warranty, Add</i>	163.06	
32 93 43 00-0179	EA		3-1/2" Caliper Sorbus alnifolia - Korean Mountainash .....	789.54	
			<i>For 2 Years Warranty, Add</i>	197.39	
32 93 43 00-0180	EA		4" Caliper Sorbus alnifolia - Korean Mountainash .....	944.02	
			<i>For 2 Years Warranty, Add</i>	236.01	
32 93 43 00-0181	EA		1-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac .....	446.26	
			<i>For 2 Years Warranty, Add</i>	111.57	
32 93 43 00-0182	EA		2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac .....	480.59	
			<i>For 2 Years Warranty, Add</i>	120.15	
32 93 43 00-0183	EA		2-1/2" Caliper Syringa reticulata & cvs - Japanese Tree Lilac .....	583.57	
			<i>For 2 Years Warranty, Add</i>	145.89	
32 93 43 00-0184	EA		4' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	274.62	
			<i>For 2 Years Warranty, Add</i>	68.66	
32 93 43 00-0185	EA		5' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	326.11	
			<i>For 2 Years Warranty, Add</i>	81.53	
32 93 43 00-0186	EA		6' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	377.61	
			<i>For 2 Years Warranty, Add</i>	94.40	
32 93 43 00-0187	EA		7' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	429.10	
			<i>For 2 Years Warranty, Add</i>	107.28	
32 93 43 00-0188	EA		8' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	497.75	
			<i>For 2 Years Warranty, Add</i>	124.44	
32 93 43 00-0189	EA		10' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	635.06	
			<i>For 2 Years Warranty, Add</i>	158.77	
32 93 43 00-0190	EA		12' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	720.88	
			<i>For 2 Years Warranty, Add</i>	180.22	
32 93 43 00-0191	EA		14' Clump Form Syringa reticulata & cvs - Japanese Tree Lilac .....	823.87	
			<i>For 2 Years Warranty, Add</i>	205.97	

## 32 93 43 00-0192

## Deciduous Shade Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0193	EA		2" Caliper Acer platanoides & cvs - Norway Maple .....	125.47	
			<i>For 2 Years Warranty, Add</i>	31.37	
32 93 43 00-0194	EA		2" Caliper Acer platanoides & cvs - Norway Maple .....	152.75	
			<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0195	EA		3" Caliper Acer platanoides & cvs - Norway Maple .....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0196	EA		3-1/2" Caliper Acer platanoides & cvs - Norway Maple .....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0197	EA		4" Caliper Acer platanoides & cvs - Norway Maple .....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0198	EA		4-1/2" Caliper Acer platanoides & cvs - Norway Maple .....	267.31	
			<i>For 2 Years Warranty, Add</i>	66.83	
32 93 43 00-0199	EA		5" Caliper Acer platanoides & cvs - Norway Maple .....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0200	EA		2" Caliper Acer rubrum & cvs - Red Maple .....	120.01	
			<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0201	EA		2-1/2" Caliper Acer rubrum & cvs - Red Maple .....	152.75	
			<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0202	EA		3" Caliper Acer rubrum & cvs - Red Maple .....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0203	EA		3-1/2" Caliper Acer rubrum & cvs - Red Maple .....	240.03	
			<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0204	EA		4" Caliper Acer rubrum & cvs - Red Maple .....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0205	EA		4-1/2" Caliper Acer rubrum & cvs - Red Maple .....	316.40	
			<i>For 2 Years Warranty, Add</i>	79.10	
32 93 43 00-0206	EA		5" Caliper Acer rubrum & cvs - Red Maple .....	354.59	
			<i>For 2 Years Warranty, Add</i>	88.65	
32 93 43 00-0207	EA		8' Clump Form Acer rubrum & cvs - Red Maple .....	147.29	
			<i>For 2 Years Warranty, Add</i>	36.82	
32 93 43 00-0208	EA		10' Clump Form Acer rubrum & cvs - Red Maple .....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0209	EA		12' Clump Form Acer rubrum & cvs - Red Maple .....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0210	EA		14' Clump Form Acer rubrum & cvs - Red Maple .....	261.85	
			<i>For 2 Years Warranty, Add</i>	65.46	
32 93 43 00-0211	EA		16' Clump Form Acer rubrum & cvs - Red Maple .....	294.58	
			<i>For 2 Years Warranty, Add</i>	73.65	
32 93 43 00-0212	EA		18' Clump Form Acer rubrum & cvs - Red Maple .....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0213	EA		2" Caliper Acer saccharinum & cvs - Silver Maple .....	98.19	
			<i>For 2 Years Warranty, Add</i>	24.55	
32 93 43 00-0214	EA		2-1/2" Caliper Acer saccharinum & cvs - Silver Maple .....	130.93	
			<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0215	EA		3" Caliper Acer saccharinum & cvs - Silver Maple .....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0216	EA		3-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0217	EA		4" Caliper Acer saccharinum & cvs - Silver Maple.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0218	EA		4-1/2" Caliper Acer saccharinum & cvs - Silver Maple.....	261.85	
			<i>For 2 Years Warranty, Add</i>	65.46	
32 93 43 00-0219	EA		5" Caliper Acer saccharinum & cvs - Silver Maple.....	294.58	
			<i>For 2 Years Warranty, Add</i>	73.65	
32 93 43 00-0220	EA		2" Caliper Acer saccharum & cvs - Sugar Maple.....	120.01	
			<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0221	EA		2-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	158.20	
			<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0222	EA		3" Caliper Acer saccharum & cvs - Sugar Maple.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0223	EA		3-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0224	EA		4" Caliper Acer saccharum & cvs - Sugar Maple.....	256.40	
			<i>For 2 Years Warranty, Add</i>	64.10	
32 93 43 00-0225	EA		4-1/2" Caliper Acer saccharum & cvs - Sugar Maple.....	294.58	
			<i>For 2 Years Warranty, Add</i>	73.65	
32 93 43 00-0226	EA		5" Caliper Acer saccharum & cvs - Sugar Maple.....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0227	EA		10' Clump Form Acer saccharum & cvs - Sugar Maple.....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0228	EA		12' Clump Form Acer saccharum & cvs - Sugar Maple.....	256.40	
			<i>For 2 Years Warranty, Add</i>	64.10	
32 93 43 00-0229	EA		14' Clump Form Acer saccharum & cvs - Sugar Maple.....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0230	EA		16' Clump Form Acer saccharum & cvs - Sugar Maple.....	332.77	
			<i>For 2 Years Warranty, Add</i>	83.19	
32 93 43 00-0231	EA		18' Clump Form Acer saccharum & cvs - Sugar Maple.....	403.69	
			<i>For 2 Years Warranty, Add</i>	100.92	
32 93 43 00-0232	EA		20' Clump Form Acer saccharum & cvs - Sugar Maple.....	436.42	
			<i>For 2 Years Warranty, Add</i>	109.11	
32 93 43 00-0233	EA		2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0234	EA		2-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	169.11	
			<i>For 2 Years Warranty, Add</i>	42.28	
32 93 43 00-0235	EA		3" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0236	EA		3-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	240.03	
			<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0237	EA		4" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	261.85	
			<i>For 2 Years Warranty, Add</i>	65.46	
32 93 43 00-0238	EA		4-1/2" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	289.13	
			<i>For 2 Years Warranty, Add</i>	72.28	
32 93 43 00-0239	EA		5" Caliper Acer x freemanii & cvs - Freemanii Hybrid Maple.....	321.86	
			<i>For 2 Years Warranty, Add</i>	80.47	
32 93 43 00-0240	EA		10' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0241	EA		12' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	259.67	
			<i>For 2 Years Warranty, Add</i>	64.92	
32 93 43 00-0242	EA		14' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	302.22	
			<i>For 2 Years Warranty, Add</i>	75.56	
32 93 43 00-0243	EA		16' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	332.77	
			<i>For 2 Years Warranty, Add</i>	83.19	
32 93 43 00-0244	EA		18' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	403.69	
			<i>For 2 Years Warranty, Add</i>	100.92	
32 93 43 00-0245	EA		20' Clump Form Acer x freemanii & cvs - Freemanii Hybrid Maple.....	436.42	
			<i>For 2 Years Warranty, Add</i>	109.11	
32 93 43 00-0246	EA		2" Caliper Aesculus glabra - Ohio Buckeye.....	147.29	
			<i>For 2 Years Warranty, Add</i>	36.82	
32 93 43 00-0247	EA		2-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0248	EA		3" Caliper Aesculus glabra - Ohio Buckeye.....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0249	EA		3-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0250	EA		4" Caliper Aesculus glabra - Ohio Buckeye.....	250.94	
			<i>For 2 Years Warranty, Add</i>	62.74	
32 93 43 00-0251	EA		4-1/2" Caliper Aesculus glabra - Ohio Buckeye.....	283.67	
			<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0252	EA		5" Caliper Aesculus glabra - Ohio Buckeye.....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0253	EA		2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0254	EA		2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	212.75	
			<i>For 2 Years Warranty, Add</i>	53.19	
32 93 43 00-0255	EA		3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	240.03	
			<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0256	EA		3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0257	EA		4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0258	EA		2" Caliper Aesculus x carnea - Red Horsechestnut .....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0259	EA		2-1/2" Caliper Aesculus x carnea - Red Horsechestnut .....	212.75	
			<i>For 2 Years Warranty, Add</i>	53.19	
32 93 43 00-0260	EA		3" Caliper Aesculus x carnea - Red Horsechestnut .....	240.03	
			<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0261	EA		3-1/2" Caliper Aesculus x carnea - Red Horsechestnut .....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0262	EA		4" Caliper Aesculus x carnea - Red Horsechestnut .....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0263	EA		2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0264	EA		2-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	158.20	
			<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0265	EA		3" Caliper Alnus glutinosa - Common Alder, Black Alder .....	180.02	
			<i>For 2 Years Warranty, Add</i>	45.01	
32 93 43 00-0266	EA		3-1/2" Caliper Alnus glutinosa - Common Alder, Black Alder .....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0267	EA		8" Clump Form Alnus glutinosa - Common Alder, Black Alder .....	141.84	
			<i>For 2 Years Warranty, Add</i>	35.46	
32 93 43 00-0268	EA		10' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0269	EA		12' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0270	EA		14' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0271	EA		16' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0272	EA		18' Clump Form Alnus glutinosa - Common Alder, Black Alder .....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0273	EA		2" Caliper Betula nigra - River Birch .....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0274	EA		2-1/2" Caliper Betula nigra - River Birch .....	154.44	
			<i>For 2 Years Warranty, Add</i>	38.61	
32 93 43 00-0275	EA		3" Caliper Betula nigra - River Birch .....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0276	EA		3-1/2" Caliper Betula nigra - River Birch .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0277	EA		4" Caliper Betula nigra - River Birch .....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0278	EA		4-1/2" Caliper Betula nigra - River Birch .....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0279	EA		5" Caliper Betula nigra - River Birch .....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0280	EA		8" Clump Form Betula nigra - River Birch .....	125.47	
			<i>For 2 Years Warranty, Add</i>	31.37	
32 93 43 00-0281	EA		10' Clump Form Betula nigra - River Birch .....	141.84	
			<i>For 2 Years Warranty, Add</i>	35.46	
32 93 43 00-0282	EA		12' Clump Form Betula nigra - River Birch .....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0283	EA		14' Clump Form Betula nigra - River Birch .....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0284	EA		16' Clump Form Betula nigra - River Birch .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0285	EA		12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0286	EA		14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0287	EA		16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0288	EA		18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0289	EA		20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch .....	283.67	
			<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0290	EA		2" Caliper Carpinus betulus & cvs - European Hornbeam .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0291	EA		2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam .....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0292	EA		3" Caliper Carpinus betulus & cvs - European Hornbeam .....	283.67	
			<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0293	EA		3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam .....	343.68	
			<i>For 2 Years Warranty, Add</i>	85.92	
32 93 43 00-0294	EA		6' Clump Form Carpinus betulus & cvs - European Hornbeam .....	98.19	
			<i>For 2 Years Warranty, Add</i>	24.55	
32 93 43 00-0295	EA		7' Clump Form Carpinus betulus & cvs - European Hornbeam .....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0296	EA		8' Clump Form Carpinus betulus & cvs - European Hornbeam .....	169.11	
			<i>For 2 Years Warranty, Add</i>	42.28	
32 93 43 00-0297	EA		2" Caliper Catalpa speciosa - Northern Catalpa .....	120.01	
			<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0298	EA		2-1/2" Caliper Catalpa speciosa - Northern Catalpa .....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0299	EA		3" Caliper Catalpa speciosa - Northern Catalpa .....	212.75	
			<i>For 2 Years Warranty, Add</i>	53.19	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 93 43 00-0300	EA	3-1/2" Caliper Catalpa speciosa - Northern Catalpa	.....	256.40	
		<i>For 2 Years Warranty, Add</i>		64.10	
32 93 43 00-0301	EA	4" Caliper Catalpa speciosa - Northern Catalpa	.....	294.58	
		<i>For 2 Years Warranty, Add</i>		73.65	
32 93 43 00-0302	EA	2" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	152.75	
		<i>For 2 Years Warranty, Add</i>		38.19	
32 93 43 00-0303	EA	2-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	174.57	
		<i>For 2 Years Warranty, Add</i>		43.64	
32 93 43 00-0304	EA	3" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	212.75	
		<i>For 2 Years Warranty, Add</i>		53.19	
32 93 43 00-0305	EA	3-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	250.94	
		<i>For 2 Years Warranty, Add</i>		62.74	
32 93 43 00-0306	EA	4" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	289.13	
		<i>For 2 Years Warranty, Add</i>		72.28	
32 93 43 00-0307	EA	4-1/2" Caliper Celtis occidentalis & cvs - Common Hackberry	.....	327.31	
		<i>For 2 Years Warranty, Add</i>		81.83	
32 93 43 00-0308	EA	3" Caliper Cercidiphyllum japonicum - Katsuratree	.....	190.93	
		<i>For 2 Years Warranty, Add</i>		47.73	
32 93 43 00-0309	EA	3-1/2" Caliper Cercidiphyllum japonicum - Katsuratree	.....	218.21	
		<i>For 2 Years Warranty, Add</i>		54.55	
32 93 43 00-0310	EA	4" Caliper Cercidiphyllum japonicum - Katsuratree	.....	256.40	
		<i>For 2 Years Warranty, Add</i>		64.10	
32 93 43 00-0311	EA	5" Caliper Cercidiphyllum japonicum - Katsuratree	.....	305.49	
		<i>For 2 Years Warranty, Add</i>		76.37	
32 93 43 00-0312	EA	6' Clump Form Cercidiphyllum japonicum - Katsuratree	.....	152.75	
		<i>For 2 Years Warranty, Add</i>		38.19	
32 93 43 00-0313	EA	7' Clump Form Cercidiphyllum japonicum - Katsuratree	.....	180.02	
		<i>For 2 Years Warranty, Add</i>		45.01	
32 93 43 00-0314	EA	8' Clump Form Cercidiphyllum japonicum - Katsuratree	.....	218.21	
		<i>For 2 Years Warranty, Add</i>		54.55	
32 93 43 00-0315	EA	10' Clump Form Cercidiphyllum japonicum - Katsuratree	.....	272.76	
		<i>For 2 Years Warranty, Add</i>		68.19	
32 93 43 00-0316	EA	12' Clump Form Cercidiphyllum japonicum - Katsuratree	.....	327.31	
		<i>For 2 Years Warranty, Add</i>		81.83	
32 93 43 00-0317	EA	2" Caliper Cladrastus lutea - American Yellowwood	.....	272.76	
		<i>For 2 Years Warranty, Add</i>		68.19	
32 93 43 00-0318	EA	2-1/2" Caliper Cladrastus lutea - American Yellowwood	.....	327.31	
		<i>For 2 Years Warranty, Add</i>		81.83	
32 93 43 00-0319	EA	3" Caliper Cladrastus lutea - American Yellowwood	.....	381.87	
		<i>For 2 Years Warranty, Add</i>		95.47	
32 93 43 00-0320	EA	3-1/2" Caliper Cladrastus lutea - American Yellowwood	.....	436.42	
		<i>For 2 Years Warranty, Add</i>		109.11	
32 93 43 00-0321	EA	2" Caliper Corylus colurna - Turkish Filbert	.....	169.11	
		<i>For 2 Years Warranty, Add</i>		42.28	
32 93 43 00-0322	EA	2-1/2" Caliper Corylus colurna - Turkish Filbert	.....	190.93	
		<i>For 2 Years Warranty, Add</i>		47.73	
32 93 43 00-0323	EA	3" Caliper Corylus colurna - Turkish Filbert	.....	218.21	
		<i>For 2 Years Warranty, Add</i>		54.55	
32 93 43 00-0324	EA	3-1/2" Caliper Corylus colurna - Turkish Filbert	.....	250.94	
		<i>For 2 Years Warranty, Add</i>		62.74	
32 93 43 00-0325	EA	4" Caliper Corylus colurna - Turkish Filbert	.....	300.04	
		<i>For 2 Years Warranty, Add</i>		75.01	
32 93 43 00-0326	EA	4-1/2" Caliper Corylus colurna - Turkish Filbert	.....	349.13	
		<i>For 2 Years Warranty, Add</i>		87.28	
32 93 43 00-0327	EA	5" Caliper Corylus colurna - Turkish Filbert	.....	398.23	
		<i>For 2 Years Warranty, Add</i>		99.56	
32 93 43 00-0328	EA	8' Clump Form Corylus colurna - Turkish Filbert	.....	152.75	
		<i>For 2 Years Warranty, Add</i>		38.19	
32 93 43 00-0329	EA	10' Clump Form Corylus colurna - Turkish Filbert	.....	185.48	
		<i>For 2 Years Warranty, Add</i>		46.37	
32 93 43 00-0330	EA	12' Clump Form Corylus colurna - Turkish Filbert	.....	218.21	
		<i>For 2 Years Warranty, Add</i>		54.55	
32 93 43 00-0331	EA	14' Clump Form Corylus colurna - Turkish Filbert	.....	245.48	
		<i>For 2 Years Warranty, Add</i>		61.37	
32 93 43 00-0332	EA	16' Clump Form Corylus colurna - Turkish Filbert	.....	272.76	
		<i>For 2 Years Warranty, Add</i>		68.19	
32 93 43 00-0333	EA	1-1/2" Caliper Diospyros virginiana - Common Persimmon	.....	98.19	
		<i>For 2 Years Warranty, Add</i>		24.55	
32 93 43 00-0334	EA	2" Caliper Diospyros virginiana - Common Persimmon	.....	120.01	
		<i>For 2 Years Warranty, Add</i>		30.00	
32 93 43 00-0335	EA	2-1/2" Caliper Diospyros virginiana - Common Persimmon	.....	152.75	
		<i>For 2 Years Warranty, Add</i>		38.19	
32 93 43 00-0336	EA	3" Caliper Diospyros virginiana - Common Persimmon	.....	190.93	
		<i>For 2 Years Warranty, Add</i>		47.73	
32 93 43 00-0337	EA	3-1/2" Caliper Diospyros virginiana - Common Persimmon	.....	229.12	
		<i>For 2 Years Warranty, Add</i>		57.28	
32 93 43 00-0338	EA	1-1/2" Caliper Fagus grandifolia - American Beech	.....	218.21	
		<i>For 2 Years Warranty, Add</i>		54.55	
32 93 43 00-0339	EA	2" Caliper Fagus grandifolia - American Beech	.....	283.67	
		<i>For 2 Years Warranty, Add</i>		70.92	
32 93 43 00-0340	EA	2-1/2" Caliper Fagus grandifolia - American Beech	.....	360.04	
		<i>For 2 Years Warranty, Add</i>		90.01	
32 93 43 00-0341	EA	3" Caliper Fagus grandifolia - American Beech	.....	436.42	
		<i>For 2 Years Warranty, Add</i>		109.11	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0342	EA		3-1/2" Caliper Fagus grandifolia - American Beech .....	518.25	
			<i>For 2 Years Warranty, Add</i> .....	129.56	
32 93 43 00-0343	EA		2" Caliper Fagus sylvatica & cvs - European Beech .....	245.48	
			<i>For 2 Years Warranty, Add</i> .....	61.37	
32 93 43 00-0344	EA		2-1/2" Caliper Fagus sylvatica & cvs - European Beech .....	294.58	
			<i>For 2 Years Warranty, Add</i> .....	73.65	
32 93 43 00-0345	EA		3" Caliper Fagus sylvatica & cvs - European Beech .....	354.59	
			<i>For 2 Years Warranty, Add</i> .....	88.65	
32 93 43 00-0346	EA		3-1/2" Caliper Fagus sylvatica & cvs - European Beech .....	392.78	
			<i>For 2 Years Warranty, Add</i> .....	98.20	
32 93 43 00-0347	EA		4" Caliper Fagus sylvatica & cvs - European Beech .....	463.69	
			<i>For 2 Years Warranty, Add</i> .....	115.92	
32 93 43 00-0348	EA		4-1/2" Caliper Fagus sylvatica & cvs - European Beech .....	600.07	
			<i>For 2 Years Warranty, Add</i> .....	150.02	
32 93 43 00-0349	EA		5" Caliper Fagus sylvatica & cvs - European Beech .....	709.18	
			<i>For 2 Years Warranty, Add</i> .....	177.30	
32 93 43 00-0350	EA		2" Caliper Fraxinus americana & cvs - White Ash .....	136.38	
			<i>For 2 Years Warranty, Add</i> .....	34.10	
32 93 43 00-0351	EA		2-1/2" Caliper Fraxinus americana & cvs - White Ash .....	163.66	
			<i>For 2 Years Warranty, Add</i> .....	40.92	
32 93 43 00-0352	EA		3" Caliper Fraxinus americana & cvs - White Ash .....	207.30	
			<i>For 2 Years Warranty, Add</i> .....	51.83	
32 93 43 00-0353	EA		3-1/2" Caliper Fraxinus americana & cvs - White Ash .....	250.94	
			<i>For 2 Years Warranty, Add</i> .....	62.74	
32 93 43 00-0354	EA		4" Caliper Fraxinus americana & cvs - White Ash .....	294.58	
			<i>For 2 Years Warranty, Add</i> .....	73.65	
32 93 43 00-0355	EA		4-1/2" Caliper Fraxinus americana & cvs - White Ash .....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0356	EA		5" Caliper Fraxinus americana & cvs - White Ash .....	381.87	
			<i>For 2 Years Warranty, Add</i> .....	95.47	
32 93 43 00-0357	EA		2" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	120.01	
			<i>For 2 Years Warranty, Add</i> .....	30.00	
32 93 43 00-0358	EA		2-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	141.84	
			<i>For 2 Years Warranty, Add</i> .....	35.46	
32 93 43 00-0359	EA		3" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	190.93	
			<i>For 2 Years Warranty, Add</i> .....	47.73	
32 93 43 00-0360	EA		3-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	229.12	
			<i>For 2 Years Warranty, Add</i> .....	57.28	
32 93 43 00-0361	EA		4" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	272.76	
			<i>For 2 Years Warranty, Add</i> .....	68.19	
32 93 43 00-0362	EA		4-1/2" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	294.58	
			<i>For 2 Years Warranty, Add</i> .....	73.65	
32 93 43 00-0363	EA		5" Caliper Fraxinus pennsylvanica & cvs - Green Ash .....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0364	EA		1-1/2" Caliper Fraxinus quadrangulata - Blue Ash .....	163.66	
			<i>For 2 Years Warranty, Add</i> .....	40.92	
32 93 43 00-0365	EA		2" Caliper Fraxinus quadrangulata - Blue Ash .....	201.84	
			<i>For 2 Years Warranty, Add</i> .....	50.46	
32 93 43 00-0366	EA		2-1/2" Caliper Fraxinus quadrangulata - Blue Ash .....	245.48	
			<i>For 2 Years Warranty, Add</i> .....	61.37	
32 93 43 00-0367	EA		3" Caliper Fraxinus quadrangulata - Blue Ash .....	300.04	
			<i>For 2 Years Warranty, Add</i> .....	75.01	
32 93 43 00-0368	EA		3-1/2" Caliper Fraxinus quadrangulata - Blue Ash .....	354.59	
			<i>For 2 Years Warranty, Add</i> .....	88.65	
32 93 43 00-0369	EA		1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	190.93	
			<i>For 2 Years Warranty, Add</i> .....	47.73	
32 93 43 00-0370	EA		2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	212.75	
			<i>For 2 Years Warranty, Add</i> .....	53.19	
32 93 43 00-0371	EA		2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	240.03	
			<i>For 2 Years Warranty, Add</i> .....	60.01	
32 93 43 00-0372	EA		3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	267.31	
			<i>For 2 Years Warranty, Add</i> .....	66.83	
32 93 43 00-0373	EA		3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	300.04	
			<i>For 2 Years Warranty, Add</i> .....	75.01	
32 93 43 00-0374	EA		4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0375	EA		4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	490.97	
			<i>For 2 Years Warranty, Add</i> .....	122.74	
32 93 43 00-0376	EA		5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree) .....	545.52	
			<i>For 2 Years Warranty, Add</i> .....	136.38	
32 93 43 00-0377	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 2.0 inch cal. (Skyline Honeylocust) .....	130.93	
			<i>For 2 Years Warranty, Add</i> .....	32.73	
32 93 43 00-0378	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 2.5 inch cal. (Skyline Honeylocust) .....	163.66	
			<i>For 2 Years Warranty, Add</i> .....	40.92	
32 93 43 00-0379	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 3.0 inch cal. (Skyline Honeylocust) .....	196.39	
			<i>For 2 Years Warranty, Add</i> .....	49.10	
32 93 43 00-0380	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 3.5 inch cal. (Skyline Honeylocust) .....	229.12	
			<i>For 2 Years Warranty, Add</i> .....	57.28	
32 93 43 00-0381	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 4.0 inch cal. (Skyline Honeylocust) .....	261.85	
			<i>For 2 Years Warranty, Add</i> .....	65.46	
32 93 43 00-0382	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 4.5 inch cal. (Skyline Honeylocust) .....	294.58	
			<i>For 2 Years Warranty, Add</i> .....	73.65	
32 93 43 00-0383	EA		Gleditsia triacanthos in. & cvs - Thornless Common Honeylocust 5.0 inch cal. (Skyline Honeylocust) .....	349.13	
			<i>For 2 Years Warranty, Add</i> .....	87.28	



**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

32 93 43 00-0384	EA	2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	169.11	
		<i>For 2 Years Warranty, Add</i>	42.28	
32 93 43 00-0385	EA	2-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	207.30	
		<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0386	EA	3" Caliper Gymnocladus dioicus - Kentucky Coffeetree	245.48	
		<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0387	EA	3-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	289.13	
		<i>For 2 Years Warranty, Add</i>	72.28	
32 93 43 00-0388	EA	4" Caliper Gymnocladus dioicus - Kentucky Coffeetree	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0389	EA	4-1/2" Caliper Gymnocladus dioicus - Kentucky Coffeetree	365.50	
		<i>For 2 Years Warranty, Add</i>	91.38	
32 93 43 00-0390	EA	5" Caliper Gymnocladus dioicus - Kentucky Coffeetree	409.14	
		<i>For 2 Years Warranty, Add</i>	102.29	
32 93 43 00-0391	EA	1-1/2" Caliper Juglans cinerea - Butternut	130.93	
		<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0392	EA	2" Caliper Juglans cinerea - Butternut	152.75	
		<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0393	EA	2-1/2" Caliper Juglans cinerea - Butternut	190.93	
		<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0394	EA	3" Caliper Juglans cinerea - Butternut	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0395	EA	3-1/2" Caliper Juglans cinerea - Butternut	294.58	
		<i>For 2 Years Warranty, Add</i>	73.65	
32 93 43 00-0396	EA	1-1/2" Caliper Juglans nigra - Black Walnut	130.93	
		<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0397	EA	2" Caliper Juglans nigra - Black Walnut	152.75	
		<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0398	EA	2-1/2" Caliper Juglans nigra - Black Walnut	190.93	
		<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0399	EA	3" Caliper Juglans nigra - Black Walnut	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0400	EA	3-1/2" Caliper Juglans nigra - Black Walnut	294.58	
		<i>For 2 Years Warranty, Add</i>	73.65	
32 93 43 00-0401	EA	4" Caliper Juglans nigra - Black Walnut	354.59	
		<i>For 2 Years Warranty, Add</i>	88.65	
32 93 43 00-0402	EA	4-1/2" Caliper Juglans nigra - Black Walnut	409.14	
		<i>For 2 Years Warranty, Add</i>	102.29	
32 93 43 00-0403	EA	5" Caliper Juglans nigra - Black Walnut	463.69	
		<i>For 2 Years Warranty, Add</i>	115.92	
32 93 43 00-0404	EA	1-1/2" Caliper Liquidambar styraciflua - American Sweetgum	174.57	
		<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0405	EA	2" Caliper Liquidambar styraciflua - American Sweetgum	218.21	
		<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0406	EA	2-1/2" Caliper Liquidambar styraciflua - American Sweetgum	272.76	
		<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0407	EA	3" Caliper Liquidambar styraciflua - American Sweetgum	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0408	EA	3-1/2" Caliper Liquidambar styraciflua - American Sweetgum	381.87	
		<i>For 2 Years Warranty, Add</i>	95.47	
32 93 43 00-0409	EA	1-1/2" Caliper Liriodendron tulipifera - Tulip Tree	174.57	
		<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0410	EA	2" Caliper Liriodendron tulipifera - Tulip Tree	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0411	EA	2-1/2" Caliper Liriodendron tulipifera - Tulip Tree	283.67	
		<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0412	EA	3" Caliper Liriodendron tulipifera - Tulip Tree	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0413	EA	3-1/2" Caliper Liriodendron tulipifera - Tulip Tree	370.95	
		<i>For 2 Years Warranty, Add</i>	92.74	
32 93 43 00-0414	EA	8' Clump Form Liriodendron tulipifera - Tulip Tree	130.93	
		<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0415	EA	10' Clump Form Liriodendron tulipifera - Tulip Tree	234.57	
		<i>For 2 Years Warranty, Add</i>	58.64	
32 93 43 00-0416	EA	12' Clump Form Liriodendron tulipifera - Tulip Tree	283.67	
		<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0417	EA	1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	174.57	
		<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0418	EA	2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	218.21	
		<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0419	EA	2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	272.76	
		<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0420	EA	3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0421	EA	3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum	381.87	
		<i>For 2 Years Warranty, Add</i>	95.47	
32 93 43 00-0422	EA	4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	76.37	
		<i>For 2 Years Warranty, Add</i>	19.09	
32 93 43 00-0423	EA	5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	87.28	
		<i>For 2 Years Warranty, Add</i>	21.82	
32 93 43 00-0424	EA	6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	103.65	
		<i>For 2 Years Warranty, Add</i>	25.91	
32 93 43 00-0425	EA	7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum	130.93	
		<i>For 2 Years Warranty, Add</i>	32.73	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0426	EA		8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0427	EA		2" Caliper Ostrya virginiana - American Hophornbeam .....	141.84	
			<i>For 2 Years Warranty, Add</i>	35.46	
32 93 43 00-0428	EA		2-1/2" Caliper Ostrya virginiana - American Hophornbeam .....	180.02	
			<i>For 2 Years Warranty, Add</i>	45.01	
32 93 43 00-0429	EA		3" Caliper Ostrya virginiana - American Hophornbeam .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0430	EA		3-1/2" Caliper Ostrya virginiana - American Hophornbeam .....	256.40	
			<i>For 2 Years Warranty, Add</i>	64.10	
32 93 43 00-0431	EA		4" Caliper Ostrya virginiana - American Hophornbeam .....	310.95	
			<i>For 2 Years Warranty, Add</i>	77.74	
32 93 43 00-0432	EA		2" Caliper Phellodendron amurense - Amur Corktree.....	109.10	
			<i>For 2 Years Warranty, Add</i>	27.28	
32 93 43 00-0433	EA		2-1/2" Caliper Phellodendron amurense - Amur Corktree.....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0434	EA		3" Caliper Phellodendron amurense - Amur Corktree.....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0435	EA		3-1/2" Caliper Phellodendron amurense - Amur Corktree.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0436	EA		4" Caliper Phellodendron amurense - Amur Corktree.....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0437	EA		4-1/2" Caliper Phellodendron amurense - Amur Corktree.....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0438	EA		5" Caliper Phellodendron amurense - Amur Corktree.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0439	EA		2" Caliper Platanus x acerifolia & cvs - London Planetree.....	130.93	
			<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0440	EA		2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree.....	158.20	
			<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0441	EA		3" Caliper Platanus x acerifolia & cvs - London Planetree.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0442	EA		3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0443	EA		4" Caliper Platanus x acerifolia & cvs - London Planetree.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0444	EA		2" Caliper Populus alba & cvs - White Poplar .....	130.93	
			<i>For 2 Years Warranty, Add</i>	32.73	
32 93 43 00-0445	EA		2-1/2" Caliper Populus alba & cvs - White Poplar .....	152.75	
			<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0446	EA		3" Caliper Populus alba & cvs - White Poplar .....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0447	EA		3-1/2" Caliper Populus alba & cvs - White Poplar .....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0448	EA		4" Caliper Populus alba & cvs - White Poplar .....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0449	EA		4-1/2" Caliper Populus alba & cvs - White Poplar .....	261.85	
			<i>For 2 Years Warranty, Add</i>	65.46	
32 93 43 00-0450	EA		2" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	120.01	
			<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0451	EA		2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood .....	158.20	
			<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0452	EA		3" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0453	EA		3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood .....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0454	EA		4" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0455	EA		2" Caliper Quercus alba - White Oak.....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0456	EA		2-1/2" Caliper Quercus alba - White Oak.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0457	EA		3" Caliper Quercus alba - White Oak.....	240.03	
			<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0458	EA		3-1/2" Caliper Quercus alba - White Oak.....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0459	EA		4" Caliper Quercus alba - White Oak.....	354.59	
			<i>For 2 Years Warranty, Add</i>	88.65	
32 93 43 00-0460	EA		4-1/2" Caliper Quercus alba - White Oak.....	436.42	
			<i>For 2 Years Warranty, Add</i>	109.11	
32 93 43 00-0461	EA		5" Caliper Quercus alba - White Oak.....	518.25	
			<i>For 2 Years Warranty, Add</i>	129.56	
32 93 43 00-0462	EA		2" Caliper Quercus bicolor - Swamp White Oak .....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0463	EA		2-1/2" Caliper Quercus bicolor - Swamp White Oak .....	218.21	
			<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0464	EA		3" Caliper Quercus bicolor - Swamp White Oak .....	250.94	
			<i>For 2 Years Warranty, Add</i>	62.74	
32 93 43 00-0465	EA		3-1/2" Caliper Quercus bicolor - Swamp White Oak .....	278.22	
			<i>For 2 Years Warranty, Add</i>	69.56	
32 93 43 00-0466	EA		4" Caliper Quercus bicolor - Swamp White Oak .....	316.40	
			<i>For 2 Years Warranty, Add</i>	79.10	
32 93 43 00-0467	EA		4-1/2" Caliper Quercus bicolor - Swamp White Oak .....	349.13	
			<i>For 2 Years Warranty, Add</i>	87.28	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0468	EA		5" Caliper Quercus bicolor - Swamp White Oak .....	392.78	
			<i>For 2 Years Warranty, Add</i> .....	98.20	
32 93 43 00-0469	EA		10' Clump Form Quercus bicolor - Swamp White Oak.....	272.76	
			<i>For 2 Years Warranty, Add</i> .....	68.19	
32 93 43 00-0470	EA		12' Clump Form Quercus bicolor - Swamp White Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0471	EA		14' Clump Form Quercus bicolor - Swamp White Oak.....	381.87	
			<i>For 2 Years Warranty, Add</i> .....	95.47	
32 93 43 00-0472	EA		16' Clump Form Quercus bicolor - Swamp White Oak.....	436.42	
			<i>For 2 Years Warranty, Add</i> .....	109.11	
32 93 43 00-0473	EA		2" Caliper Quercus coccinea - Scarlet Oak.....	141.84	
			<i>For 2 Years Warranty, Add</i> .....	35.46	
32 93 43 00-0474	EA		2-1/2" Caliper Quercus coccinea - Scarlet Oak.....	180.02	
			<i>For 2 Years Warranty, Add</i> .....	45.01	
32 93 43 00-0475	EA		3" Caliper Quercus coccinea - Scarlet Oak.....	223.66	
			<i>For 2 Years Warranty, Add</i> .....	55.92	
32 93 43 00-0476	EA		3-1/2" Caliper Quercus coccinea - Scarlet Oak.....	272.76	
			<i>For 2 Years Warranty, Add</i> .....	68.19	
32 93 43 00-0477	EA		4" Caliper Quercus coccinea - Scarlet Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0478	EA		4-1/2" Caliper Quercus coccinea - Scarlet Oak.....	387.32	
			<i>For 2 Years Warranty, Add</i> .....	96.83	
32 93 43 00-0479	EA		5" Caliper Quercus coccinea - Scarlet Oak.....	452.78	
			<i>For 2 Years Warranty, Add</i> .....	113.20	
32 93 43 00-0480	EA		1-1/2" Caliper Quercus imbricaria - Shingle Oak .....	141.84	
			<i>For 2 Years Warranty, Add</i> .....	35.46	
32 93 43 00-0481	EA		2" Caliper Quercus imbricaria - Shingle Oak.....	190.93	
			<i>For 2 Years Warranty, Add</i> .....	47.73	
32 93 43 00-0482	EA		2-1/2" Caliper Quercus imbricaria - Shingle Oak .....	256.40	
			<i>For 2 Years Warranty, Add</i> .....	64.10	
32 93 43 00-0483	EA		3" Caliper Quercus imbricaria - Shingle Oak.....	381.87	
			<i>For 2 Years Warranty, Add</i> .....	95.47	
32 93 43 00-0484	EA		3-1/2" Caliper Quercus imbricaria - Shingle Oak .....	518.25	
			<i>For 2 Years Warranty, Add</i> .....	129.56	
32 93 43 00-0485	EA		1-1/2" Caliper Quercus macrocarpa - Bur Oak .....	141.84	
			<i>For 2 Years Warranty, Add</i> .....	35.46	
32 93 43 00-0486	EA		2" Caliper Quercus macrocarpa - Bur Oak .....	169.11	
			<i>For 2 Years Warranty, Add</i> .....	42.28	
32 93 43 00-0487	EA		2-1/2" Caliper Quercus macrocarpa - Bur Oak .....	201.84	
			<i>For 2 Years Warranty, Add</i> .....	50.46	
32 93 43 00-0488	EA		3" Caliper Quercus macrocarpa - Bur Oak .....	245.48	
			<i>For 2 Years Warranty, Add</i> .....	61.37	
32 93 43 00-0489	EA		3-1/2" Caliper Quercus macrocarpa - Bur Oak .....	300.04	
			<i>For 2 Years Warranty, Add</i> .....	75.01	
32 93 43 00-0490	EA		4" Caliper Quercus macrocarpa - Bur Oak .....	354.59	
			<i>For 2 Years Warranty, Add</i> .....	88.65	
32 93 43 00-0491	EA		9' Clump Form Quercus macrocarpa - Bur Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0492	EA		10' Clump Form Quercus macrocarpa - Bur Oak.....	381.87	
			<i>For 2 Years Warranty, Add</i> .....	95.47	
32 93 43 00-0493	EA		12' Clump Form Quercus macrocarpa - Bur Oak.....	436.42	
			<i>For 2 Years Warranty, Add</i> .....	109.11	
32 93 43 00-0494	EA		2" Caliper Quercus palustris - Pin Oak .....	120.01	
			<i>For 2 Years Warranty, Add</i> .....	30.00	
32 93 43 00-0495	EA		2-1/2" Caliper Quercus palustris - Pin Oak .....	163.66	
			<i>For 2 Years Warranty, Add</i> .....	40.92	
32 93 43 00-0496	EA		3" Caliper Quercus palustris - Pin Oak .....	212.75	
			<i>For 2 Years Warranty, Add</i> .....	53.19	
32 93 43 00-0497	EA		3-1/2" Caliper Quercus palustris - Pin Oak .....	245.48	
			<i>For 2 Years Warranty, Add</i> .....	61.37	
32 93 43 00-0498	EA		4" Caliper Quercus palustris - Pin Oak .....	283.67	
			<i>For 2 Years Warranty, Add</i> .....	70.92	
32 93 43 00-0499	EA		4-1/2" Caliper Quercus palustris - Pin Oak .....	321.86	
			<i>For 2 Years Warranty, Add</i> .....	80.47	
32 93 43 00-0500	EA		5" Caliper Quercus palustris - Pin Oak .....	354.59	
			<i>For 2 Years Warranty, Add</i> .....	88.65	
32 93 43 00-0501	EA		2" Caliper Quercus robur & cvs - English Oak .....	141.84	
			<i>For 2 Years Warranty, Add</i> .....	35.46	
32 93 43 00-0502	EA		2-1/2" Caliper Quercus robur & cvs - English Oak.....	174.57	
			<i>For 2 Years Warranty, Add</i> .....	43.64	
32 93 43 00-0503	EA		3" Caliper Quercus robur & cvs - English Oak .....	207.30	
			<i>For 2 Years Warranty, Add</i> .....	51.83	
32 93 43 00-0504	EA		3-1/2" Caliper Quercus robur & cvs - English Oak.....	245.48	
			<i>For 2 Years Warranty, Add</i> .....	61.37	
32 93 43 00-0505	EA		4" Caliper Quercus robur & cvs - English Oak .....	283.67	
			<i>For 2 Years Warranty, Add</i> .....	70.92	
32 93 43 00-0506	EA		4-1/2" Caliper Quercus robur & cvs - English Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i> .....	81.83	
32 93 43 00-0507	EA		5" Caliper Quercus robur & cvs - English Oak .....	370.95	
			<i>For 2 Years Warranty, Add</i> .....	92.74	
32 93 43 00-0508	EA		2" Caliper Quercus rubra - Red Oak.....	163.66	
			<i>For 2 Years Warranty, Add</i> .....	40.92	
32 93 43 00-0509	EA		2-1/2" Caliper Quercus rubra - Red Oak.....	190.93	
			<i>For 2 Years Warranty, Add</i> .....	47.73	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0510	EA		3" Caliper Quercus rubra - Red Oak.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0511	EA		3-1/2" Caliper Quercus rubra - Red Oak.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0512	EA		4" Caliper Quercus rubra - Red Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0513	EA		4-1/2" Caliper Quercus rubra - Red Oak.....	381.87	
			<i>For 2 Years Warranty, Add</i>	95.47	
32 93 43 00-0514	EA		5" Caliper Quercus rubra - Red Oak.....	436.42	
			<i>For 2 Years Warranty, Add</i>	109.11	
32 93 43 00-0515	EA		16' Clump Form Quercus rubra - Red Oak.....	354.59	
			<i>For 2 Years Warranty, Add</i>	88.65	
32 93 43 00-0516	EA		18' Clump Form Quercus rubra - Red Oak.....	425.51	
			<i>For 2 Years Warranty, Add</i>	106.38	
32 93 43 00-0517	EA		20' Clump Form Quercus rubra - Red Oak.....	474.60	
			<i>For 2 Years Warranty, Add</i>	118.65	
32 93 43 00-0518	EA		2" Caliper Quercus shumardii - Shumard Oak.....	185.48	
			<i>For 2 Years Warranty, Add</i>	46.37	
32 93 43 00-0519	EA		2-1/2" Caliper Quercus shumardii - Shumard Oak.....	234.57	
			<i>For 2 Years Warranty, Add</i>	58.64	
32 93 43 00-0520	EA		3" Caliper Quercus shumardii - Shumard Oak.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0521	EA		3-1/2" Caliper Quercus shumardii - Shumard Oak.....	327.31	
			<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0522	EA		4" Caliper Quercus shumardii - Shumard Oak.....	381.87	
			<i>For 2 Years Warranty, Add</i>	95.47	
32 93 43 00-0523	EA		4-1/2" Caliper Quercus shumardii - Shumard Oak.....	436.42	
			<i>For 2 Years Warranty, Add</i>	109.11	
32 93 43 00-0524	EA		5" Caliper Quercus shumardii - Shumard Oak.....	490.97	
			<i>For 2 Years Warranty, Add</i>	122.74	
32 93 43 00-0525	EA		2" Caliper Quercus schuettii - Swamp Bur Oak.....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0526	EA		2-1/2" Caliper Quercus schuettii - Swamp Bur Oak.....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0527	EA		3" Caliper Quercus schuettii - Swamp Bur Oak.....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0528	EA		3-1/2" Caliper Quercus schuettii - Swamp Bur Oak.....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0529	EA		4" Caliper Quercus schuettii - Swamp Bur Oak.....	349.13	
			<i>For 2 Years Warranty, Add</i>	87.28	
32 93 43 00-0530	EA		4-1/2" Caliper Quercus schuettii - Swamp Bur Oak.....	392.78	
			<i>For 2 Years Warranty, Add</i>	98.20	
32 93 43 00-0531	EA		24" Box Salix babylonica - Weeping Willow.....	137.89	
			<i>For 2 Years Warranty, Add</i>	34.47	
32 93 43 00-0532	EA		36" Box Salix babylonica - Weeping Willow.....	344.73	
			<i>For 2 Years Warranty, Add</i>	86.18	
32 93 43 00-0533	EA		1-1/2" To 2" Caliper Salix babylonica - Weeping Willow.....	79.30	
			<i>For 2 Years Warranty, Add</i>	19.83	
32 93 43 00-0534	EA		2" To 2-1/2" Caliper Salix babylonica - Weeping Willow.....	94.81	
			<i>For 2 Years Warranty, Add</i>	23.70	
32 93 43 00-0535	EA		2-1/2" To 3" Caliper Salix babylonica - Weeping Willow.....	103.42	
			<i>For 2 Years Warranty, Add</i>	25.86	
32 93 43 00-0536	EA		2" Caliper Salix alba & cvs - White Willow.....	87.28	
			<i>For 2 Years Warranty, Add</i>	21.82	
32 93 43 00-0537	EA		2-1/2" Caliper Salix alba & cvs - White Willow.....	103.65	
			<i>For 2 Years Warranty, Add</i>	25.91	
32 93 43 00-0538	EA		3" Caliper Salix alba & cvs - White Willow.....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0539	EA		3-1/2" Caliper Salix alba & cvs - White Willow.....	163.66	
			<i>For 2 Years Warranty, Add</i>	40.92	
32 93 43 00-0540	EA		4" Caliper Salix alba & cvs - White Willow.....	196.39	
			<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0541	EA		4-1/2" Caliper Salix alba & cvs - White Willow.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0542	EA		5" Caliper Salix alba & cvs - White Willow.....	261.85	
			<i>For 2 Years Warranty, Add</i>	65.46	
32 93 43 00-0543	EA		5' Clump Form Sassafras albidum - Common Sassafras.....	103.65	
			<i>For 2 Years Warranty, Add</i>	25.91	
32 93 43 00-0544	EA		6' Clump Form Sassafras albidum - Common Sassafras.....	125.47	
			<i>For 2 Years Warranty, Add</i>	31.37	
32 93 43 00-0545	EA		7' Clump Form Sassafras albidum - Common Sassafras.....	158.20	
			<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0546	EA		8' Clump Form Sassafras albidum - Common Sassafras.....	180.02	
			<i>For 2 Years Warranty, Add</i>	45.01	
32 93 43 00-0547	EA		10' Clump Form Sassafras albidum - Common Sassafras.....	201.84	
			<i>For 2 Years Warranty, Add</i>	50.46	
32 93 43 00-0548	EA		12' Clump Form Sassafras albidum - Common Sassafras.....	245.48	
			<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0549	EA		14' Clump Form Sassafras albidum - Common Sassafras.....	300.04	
			<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0550	EA		16' Clump Form Sassafras albidum - Common Sassafras.....	354.59	
			<i>For 2 Years Warranty, Add</i>	88.65	
32 93 43 00-0551	EA		2" Caliper Taxodium distichum - Common Bald Cypress.....	136.38	
			<i>For 2 Years Warranty, Add</i>	34.10	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 43 00-0552	EA	2-1/2" Caliper Taxodium distichum - Common Bald Cypress	158.20	
		<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0553	EA	3" Caliper Taxodium distichum - Common Bald Cypress	190.93	
		<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0554	EA	3-1/2" Caliper Taxodium distichum - Common Bald Cypress	218.21	
		<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0555	EA	4" Caliper Taxodium distichum - Common Bald Cypress	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0556	EA	6' Clump Form Taxodium distichum - Common Bald Cypress	120.01	
		<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0557	EA	7' Clump Form Taxodium distichum - Common Bald Cypress	136.38	
		<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0558	EA	8' Clump Form Taxodium distichum - Common Bald Cypress	196.39	
		<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0559	EA	10' Clump Form Taxodium distichum - Common Bald Cypress	218.21	
		<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0560	EA	12' Clump Form Taxodium distichum - Common Bald Cypress	245.48	
		<i>For 2 Years Warranty, Add</i>	61.37	
32 93 43 00-0561	EA	14' Clump Form Taxodium distichum - Common Bald Cypress	283.67	
		<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0562	EA	16' Clump Form Taxodium distichum - Common Bald Cypress	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0563	EA	2" Caliper Tilia americana & cvs - American Linden Basswood	136.38	
		<i>For 2 Years Warranty, Add</i>	34.10	
32 93 43 00-0564	EA	2-1/2" Caliper Tilia americana & cvs - American Linden Basswood	158.20	
		<i>For 2 Years Warranty, Add</i>	39.55	
32 93 43 00-0565	EA	3" Caliper Tilia americana & cvs - American Linden Basswood	201.84	
		<i>For 2 Years Warranty, Add</i>	50.46	
32 93 43 00-0566	EA	3-1/2" Caliper Tilia americana & cvs - American Linden Basswood	234.57	
		<i>For 2 Years Warranty, Add</i>	58.64	
32 93 43 00-0567	EA	4" Caliper Tilia americana & cvs - American Linden; Basswood	267.31	
		<i>For 2 Years Warranty, Add</i>	66.83	
32 93 43 00-0568	EA	4-1/2" Caliper Tilia americana & cvs - American Linden Basswood	300.04	
		<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0569	EA	5" Caliper Tilia americana & cvs - American Linden Basswood	327.31	
		<i>For 2 Years Warranty, Add</i>	81.83	
32 93 43 00-0570	EA	10' Clump Form Tilia americana & cvs - American Linden Basswood	174.57	
		<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0571	EA	12' Clump Form Tilia americana & cvs - American Linden Basswood	190.93	
		<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0572	EA	14' Clump Form Tilia americana & cvs - American Linden Basswood	218.21	
		<i>For 2 Years Warranty, Add</i>	54.55	
32 93 43 00-0573	EA	16' Clump Form Tilia americana & cvs - American Linden Basswood	250.94	
		<i>For 2 Years Warranty, Add</i>	62.74	
32 93 43 00-0574	EA	2" Caliper Tilia cordata & cvs - Littleleaf Linden	137.20	
		<i>For 2 Years Warranty, Add</i>	34.30	
32 93 43 00-0575	EA	2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	165.73	
		<i>For 2 Years Warranty, Add</i>	41.43	
32 93 43 00-0576	EA	3" Caliper Tilia cordata & cvs - Littleleaf Linden	190.93	
		<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0577	EA	3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	234.57	
		<i>For 2 Years Warranty, Add</i>	58.64	
32 93 43 00-0578	EA	4" Caliper Tilia cordata & cvs - Littleleaf Linden	267.31	
		<i>For 2 Years Warranty, Add</i>	66.83	
32 93 43 00-0579	EA	4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden	300.04	
		<i>For 2 Years Warranty, Add</i>	75.01	
32 93 43 00-0580	EA	5" Caliper Tilia cordata & cvs - Littleleaf Linden	332.77	
		<i>For 2 Years Warranty, Add</i>	83.19	
32 93 43 00-0581	EA	2" Caliper Tilia tomentosa & cvs - Silver Linden	152.75	
		<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0582	EA	2-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	169.11	
		<i>For 2 Years Warranty, Add</i>	42.28	
32 93 43 00-0583	EA	3" Caliper Tilia tomentosa & cvs - Silver Linden	185.48	
		<i>For 2 Years Warranty, Add</i>	46.37	
32 93 43 00-0584	EA	3-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	207.30	
		<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0585	EA	4" Caliper Tilia tomentosa & cvs - Silver Linden	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0586	EA	4-1/2" Caliper Tilia tomentosa & cvs - Silver Linden	283.67	
		<i>For 2 Years Warranty, Add</i>	70.92	
32 93 43 00-0587	EA	5" Caliper Tilia tomentosa & cvs - Silver Linden	370.95	
		<i>For 2 Years Warranty, Add</i>	92.74	
32 93 43 00-0588	EA	2" Caliper Tilia x euchlora - Crimean Linden	152.75	
		<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0589	EA	2-1/2" Caliper Tilia x euchlora - Crimean Linden	196.39	
		<i>For 2 Years Warranty, Add</i>	49.10	
32 93 43 00-0590	EA	3" Caliper Tilia x euchlora - Crimean Linden	240.03	
		<i>For 2 Years Warranty, Add</i>	60.01	
32 93 43 00-0591	EA	3-1/2" Caliper Tilia x euchlora - Crimean Linden	272.76	
		<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0592	EA	4" Caliper Tilia x euchlora - Crimean Linden	305.49	
		<i>For 2 Years Warranty, Add</i>	76.37	
32 93 43 00-0593	EA	4-1/2" Caliper Tilia x euchlora - Crimean Linden	343.68	
		<i>For 2 Years Warranty, Add</i>	85.92	





		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0594	EA		5" Caliper Tilia x euchlora - Crimean Linden.....	370.95	
			<i>For 2 Years Warranty, Add</i>	92.74	
32 93 43 00-0595	EA		2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	152.75	
			<i>For 2 Years Warranty, Add</i>	38.19	
32 93 43 00-0596	EA		2-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0597	EA		3" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0598	EA		3-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0599	EA		4" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0600	EA		4-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0601	EA		5" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	321.86	
			<i>For 2 Years Warranty, Add</i>	80.47	
32 93 43 00-0602	EA		2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0603	EA		2-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0604	EA		3" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0605	EA		3-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0606	EA		4" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0607	EA		4-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	321.86	
			<i>For 2 Years Warranty, Add</i>	80.47	
32 93 43 00-0608	EA		5" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	370.95	
			<i>For 2 Years Warranty, Add</i>	92.74	
32 93 43 00-0609	EA		2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	174.57	
			<i>For 2 Years Warranty, Add</i>	43.64	
32 93 43 00-0610	EA		2-1/2" Mary-Louise Parker Ulmus x 'Regal' - Regal Hybrid Elm.....	190.93	
			<i>For 2 Years Warranty, Add</i>	47.73	
32 93 43 00-0611	EA		3" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	207.30	
			<i>For 2 Years Warranty, Add</i>	51.83	
32 93 43 00-0612	EA		3-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	229.12	
			<i>For 2 Years Warranty, Add</i>	57.28	
32 93 43 00-0613	EA		4" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	272.76	
			<i>For 2 Years Warranty, Add</i>	68.19	
32 93 43 00-0614	EA		4-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	321.86	
			<i>For 2 Years Warranty, Add</i>	80.47	
32 93 43 00-0615	EA		5" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	370.95	
			<i>For 2 Years Warranty, Add</i>	92.74	
<b>32 93 43 00-0616</b>			<b>Evergreen Trees</b> <small>(32 93 43)</small>		
			Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.		
32 93 43 00-0617	EA		6' Abies balsamea - Balsam Fir.....	133.40	
			<i>For 2 Years Warranty, Add</i>	33.35	
32 93 43 00-0618	EA		7' Abies balsamea - Balsam Fir.....	166.75	
			<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0619	EA		8' Abies balsamea - Balsam Fir.....	200.10	
			<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0620	EA		9' Abies balsamea - Balsam Fir.....	266.80	
			<i>For 2 Years Warranty, Add</i>	66.70	
32 93 43 00-0621	EA		10' Abies balsamea - Balsam Fir.....	333.50	
			<i>For 2 Years Warranty, Add</i>	83.38	
32 93 43 00-0622	EA		12' Abies balsamea - Balsam Fir.....	400.20	
			<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0623	EA		6' Abies concolor - White Fir.....	193.43	
			<i>For 2 Years Warranty, Add</i>	48.36	
32 93 43 00-0624	EA		7' Abies concolor - White Fir.....	220.11	
			<i>For 2 Years Warranty, Add</i>	55.03	
32 93 43 00-0625	EA		8' Abies concolor - White Fir.....	260.13	
			<i>For 2 Years Warranty, Add</i>	65.03	
32 93 43 00-0626	EA		9' Abies concolor - White Fir.....	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0627	EA		10' Abies concolor - White Fir.....	353.51	
			<i>For 2 Years Warranty, Add</i>	88.38	
32 93 43 00-0628	EA		12' Abies concolor - White Fir.....	433.55	
			<i>For 2 Years Warranty, Add</i>	108.39	
32 93 43 00-0629	EA		14' Abies concolor - White Fir.....	533.60	
			<i>For 2 Years Warranty, Add</i>	133.40	
32 93 43 00-0630	EA		16' Abies concolor - White Fir.....	600.30	
			<i>For 2 Years Warranty, Add</i>	150.08	
32 93 43 00-0631	EA		6' Abies fraseri - Fraser Fir.....	133.40	
			<i>For 2 Years Warranty, Add</i>	33.35	
32 93 43 00-0632	EA		7' Abies fraseri - Fraser Fir.....	166.75	
			<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0633	EA		8' Abies fraseri - Fraser Fir.....	200.10	
			<i>For 2 Years Warranty, Add</i>	50.03	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 43 00-0634	EA	9' Abies fraseri - Frasier Fir.....	266.80	
		<i>For 2 Years Warranty, Add</i>	66.70	
32 93 43 00-0635	EA	10' Abies fraseri - Frasier Fir.....	333.50	
		<i>For 2 Years Warranty, Add</i>	83.38	
32 93 43 00-0636	EA	12' Abies fraseri - Frasier Fir.....	400.20	
		<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0637	EA	5' Picea abies & cvs - Norway Spruce .....	146.74	
		<i>For 2 Years Warranty, Add</i>	36.69	
32 93 43 00-0638	EA	6' Picea abies & cvs - Norway Spruce .....	166.75	
		<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0639	EA	7' Picea abies & cvs - Norway Spruce .....	200.10	
		<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0640	EA	8' Picea abies & cvs - Norway Spruce .....	233.45	
		<i>For 2 Years Warranty, Add</i>	58.36	
32 93 43 00-0641	EA	9' Picea abies & cvs - Norway Spruce .....	313.49	
		<i>For 2 Years Warranty, Add</i>	78.37	
32 93 43 00-0642	EA	10' Picea abies & cvs - Norway Spruce .....	380.19	
		<i>For 2 Years Warranty, Add</i>	95.05	
32 93 43 00-0643	EA	12' Picea abies & cvs - Norway Spruce .....	466.90	
		<i>For 2 Years Warranty, Add</i>	116.73	
32 93 43 00-0644	EA	14' Picea abies & cvs - Norway Spruce .....	566.95	
		<i>For 2 Years Warranty, Add</i>	141.74	
32 93 43 00-0645	EA	6' Picea glauca - White Spruce.....	140.07	
		<i>For 2 Years Warranty, Add</i>	35.02	
32 93 43 00-0646	EA	7' Picea glauca - White Spruce.....	200.10	
		<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0647	EA	8' Picea glauca - White Spruce.....	233.45	
		<i>For 2 Years Warranty, Add</i>	58.36	
32 93 43 00-0648	EA	9' Picea glauca - White Spruce.....	280.14	
		<i>For 2 Years Warranty, Add</i>	70.04	
32 93 43 00-0649	EA	10' Picea glauca - White Spruce.....	333.50	
		<i>For 2 Years Warranty, Add</i>	83.38	
32 93 43 00-0650	EA	12' Picea glauca - White Spruce.....	400.20	
		<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0651	EA	4' Picea glauca densata - Black Hills Spruce.....	80.04	
		<i>For 2 Years Warranty, Add</i>	20.01	
32 93 43 00-0652	EA	5' Picea glauca densata - Black Hills Spruce.....	120.06	
		<i>For 2 Years Warranty, Add</i>	30.02	
32 93 43 00-0653	EA	6' Picea glauca densata - Black Hills Spruce.....	180.09	
		<i>For 2 Years Warranty, Add</i>	45.02	
32 93 43 00-0654	EA	7' Picea glauca densata - Black Hills Spruce.....	213.44	
		<i>For 2 Years Warranty, Add</i>	53.36	
32 93 43 00-0655	EA	8' Picea glauca densata - Black Hills Spruce.....	246.79	
		<i>For 2 Years Warranty, Add</i>	61.70	
32 93 43 00-0656	EA	9' Picea glauca densata - Black Hills Spruce.....	273.47	
		<i>For 2 Years Warranty, Add</i>	68.37	
32 93 43 00-0657	EA	10' Picea glauca densata - Black Hills Spruce.....	300.15	
		<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0658	EA	6' Picea omorika & cvs - Serbian Spruce.....	180.09	
		<i>For 2 Years Warranty, Add</i>	45.02	
32 93 43 00-0659	EA	7' Picea omorika & cvs - Serbian Spruce.....	200.10	
		<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0660	EA	8' Picea omorika & cvs - Serbian Spruce.....	240.12	
		<i>For 2 Years Warranty, Add</i>	60.03	
32 93 43 00-0661	EA	9' Picea omorika & cvs - Serbian Spruce.....	280.14	
		<i>For 2 Years Warranty, Add</i>	70.04	
32 93 43 00-0662	EA	10' Picea omorika & cvs - Serbian Spruce.....	320.16	
		<i>For 2 Years Warranty, Add</i>	80.04	
32 93 43 00-0663	EA	5' Picea pungens - Colorado Green Spruce .....	146.74	
		<i>For 2 Years Warranty, Add</i>	36.69	
32 93 43 00-0664	EA	6' Picea pungens - Colorado Green Spruce .....	186.76	
		<i>For 2 Years Warranty, Add</i>	46.69	
32 93 43 00-0665	EA	7' Picea pungens - Colorado Green Spruce .....	220.11	
		<i>For 2 Years Warranty, Add</i>	55.03	
32 93 43 00-0666	EA	8' Picea pungens - Colorado Green Spruce .....	253.46	
		<i>For 2 Years Warranty, Add</i>	63.37	
32 93 43 00-0667	EA	9' Picea pungens - Colorado Green Spruce .....	293.48	
		<i>For 2 Years Warranty, Add</i>	73.37	
32 93 43 00-0668	EA	10' Picea pungens - Colorado Green Spruce .....	553.61	
		<i>For 2 Years Warranty, Add</i>	138.40	
32 93 43 00-0669	EA	12' Picea pungens - Colorado Green Spruce .....	400.20	
		<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0670	EA	14' Picea pungens - Colorado Green Spruce .....	466.90	
		<i>For 2 Years Warranty, Add</i>	116.73	
32 93 43 00-0671	EA	16' Picea pungens - Colorado Green Spruce .....	600.30	
		<i>For 2 Years Warranty, Add</i>	150.08	
32 93 43 00-0672	EA	5' Picea pungens glauca & cvs - Colorado Blue Spruce .....	146.74	
		<i>For 2 Years Warranty, Add</i>	36.69	
32 93 43 00-0673	EA	6' Picea pungens glauca & cvs - Colorado Blue Spruce .....	200.10	
		<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0674	EA	7' Picea pungens glauca & cvs - Colorado Blue Spruce .....	233.45	
		<i>For 2 Years Warranty, Add</i>	58.36	
32 93 43 00-0675	EA	8' Picea pungens glauca & cvs - Colorado Blue Spruce .....	266.80	
		<i>For 2 Years Warranty, Add</i>	66.70	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0676	EA	9'	Picea pungens glauca & cvs - Colorado Blue Spruce.....	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0677	EA	10'	Picea pungens glauca & cvs - Colorado Blue Spruce.....	366.85	
			<i>For 2 Years Warranty, Add</i>	91.71	
32 93 43 00-0678	EA	12'	Picea pungens glauca & cvs - Colorado Blue Spruce.....	466.90	
			<i>For 2 Years Warranty, Add</i>	116.73	
32 93 43 00-0679	EA	16'	Picea pungens glauca & cvs - Colorado Blue Spruce.....	700.35	
			<i>For 2 Years Warranty, Add</i>	175.09	
32 93 43 00-0680	EA	2'	Pinus strobus - Pyramidal White Pine.....	18.47	
			<i>For 2 Years Warranty, Add</i>	4.62	
32 93 43 00-0681	EA	3'	Pinus strobus - Pyramidal White Pine.....	24.68	
			<i>For 2 Years Warranty, Add</i>	6.17	
32 93 43 00-0682	EA	4'	Pinus strobus - Pyramidal White Pine.....	27.23	
			<i>For 2 Years Warranty, Add</i>	6.81	
32 93 43 00-0683	EA	5'	Pinus strobus - Pyramidal White Pine.....	29.78	
			<i>For 2 Years Warranty, Add</i>	7.45	
32 93 43 00-0684	EA	6'	Pinus strobus - Pyramidal White Pine.....	37.10	
			<i>For 2 Years Warranty, Add</i>	9.28	
32 93 43 00-0685	EA	7'	Pinus strobus - Pyramidal White Pine.....	49.36	
			<i>For 2 Years Warranty, Add</i>	12.34	
32 93 43 00-0686	EA	8'	Pinus strobus - Pyramidal White Pine.....	67.84	
			<i>For 2 Years Warranty, Add</i>	16.96	
32 93 43 00-0687	EA	10'	Pinus strobus - Pyramidal White Pine.....	135.35	
			<i>For 2 Years Warranty, Add</i>	33.84	
32 93 43 00-0688	EA	12'	Pinus strobus - Pyramidal White Pine.....	321.66	
			<i>For 2 Years Warranty, Add</i>	80.42	
32 93 43 00-0689	EA	14'	Pinus strobus - Pyramidal White Pine.....	431.54	
			<i>For 2 Years Warranty, Add</i>	107.89	
32 93 43 00-0690	EA	16'	Pinus strobus - Pyramidal White Pine.....	519.12	
			<i>For 2 Years Warranty, Add</i>	129.78	
32 93 43 00-0691	EA	2'	Pinus strobus - White Pine.....	28.38	
			<i>For 2 Years Warranty, Add</i>	7.10	
32 93 43 00-0692	EA	3'	Pinus strobus - White Pine.....	40.50	
			<i>For 2 Years Warranty, Add</i>	10.13	
32 93 43 00-0693	EA	4'	Pinus strobus - White Pine.....	64.59	
			<i>For 2 Years Warranty, Add</i>	16.15	
32 93 43 00-0694	EA	5'	Pinus strobus - White Pine.....	92.05	
			<i>For 2 Years Warranty, Add</i>	23.01	
32 93 43 00-0695	EA	6'	Pinus strobus - White Pine.....	135.00	
			<i>For 2 Years Warranty, Add</i>	33.75	
32 93 43 00-0696	EA	7'	Pinus strobus - White Pine.....	161.08	
			<i>For 2 Years Warranty, Add</i>	40.27	
32 93 43 00-0697	EA	8'	Pinus strobus - White Pine.....	217.84	
			<i>For 2 Years Warranty, Add</i>	54.46	
32 93 43 00-0698	EA	10'	Pinus strobus - White Pine.....	293.01	
			<i>For 2 Years Warranty, Add</i>	73.25	
32 93 43 00-0699	EA	12'	Pinus strobus - White Pine.....	388.13	
			<i>For 2 Years Warranty, Add</i>	97.03	
32 93 43 00-0700	EA	14'	Pinus strobus - White Pine.....	475.57	
			<i>For 2 Years Warranty, Add</i>	118.89	
32 93 43 00-0701	EA	16'	Pinus strobus - White Pine.....	578.36	
			<i>For 2 Years Warranty, Add</i>	144.59	
32 93 43 00-0702	EA	3'	Pinus sylvestris - Scotch Pine.....	43.82	
			<i>For 2 Years Warranty, Add</i>	10.96	
32 93 43 00-0703	EA	4'	Pinus sylvestris - Scotch Pine.....	60.83	
			<i>For 2 Years Warranty, Add</i>	15.21	
32 93 43 00-0704	EA	5'	Pinus sylvestris - Scotch Pine.....	85.38	
			<i>For 2 Years Warranty, Add</i>	21.35	
32 93 43 00-0705	EA	6'	Pinus sylvestris - Scotch Pine.....	118.46	
			<i>For 2 Years Warranty, Add</i>	29.62	
32 93 43 00-0706	EA	7'	Pinus sylvestris - Scotch Pine.....	145.14	
			<i>For 2 Years Warranty, Add</i>	36.29	
32 93 43 00-0707	EA	8'	Pinus sylvestris - Scotch Pine.....	204.90	
			<i>For 2 Years Warranty, Add</i>	51.23	
32 93 43 00-0708	EA	9'	Pinus sylvestris - Scotch Pine.....	260.13	
			<i>For 2 Years Warranty, Add</i>	65.03	
32 93 43 00-0709	EA	10'	Pinus sylvestris - Scotch Pine.....	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0710	EA	12'	Pinus sylvestris - Scotch Pine.....	353.51	
			<i>For 2 Years Warranty, Add</i>	88.38	
32 93 43 00-0711	EA	14'	Pinus sylvestris - Scotch Pine.....	400.20	
			<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0712	EA	16'	Pinus sylvestris - Scotch Pine.....	466.90	
			<i>For 2 Years Warranty, Add</i>	116.73	
32 93 43 00-0713	EA	5' To 6'	Pinus taeda - Loblolly Pine.....	19.07	
			<i>For 2 Years Warranty, Add</i>	4.77	
32 93 43 00-0714	EA	1	Gallon Pinus thunbergiana - Japanese Black Pine.....	4.72	
			<i>For 2 Years Warranty, Add</i>	1.18	
32 93 43 00-0715	EA	5	Gallon Pinus thunbergiana - Japanese Black Pine.....	16.75	
			<i>For 2 Years Warranty, Add</i>	4.19	
32 93 43 00-0716	EA	15	Gallon Pinus thunbergiana - Japanese Black Pine.....	54.27	
			<i>For 2 Years Warranty, Add</i>	13.57	
32 93 43 00-0717	EA	2' To 3'	Pinus thunbergiana - Japanese Black Pine.....	22.97	
			<i>For 2 Years Warranty, Add</i>	5.74	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

32 93 43 00-0718	EA	3'	To 4' Pinus thunbergiana - Japanese Black Pine	29.19	
			<i>For 2 Years Warranty, Add</i>	7.30	
32 93 43 00-0719	EA	4'	To 5' Pinus thunbergiana - Japanese Black Pine	43.84	
			<i>For 2 Years Warranty, Add</i>	10.96	
32 93 43 00-0720	EA	5'	To 6' Pinus thunbergiana - Japanese Black Pine	85.57	
			<i>For 2 Years Warranty, Add</i>	21.39	
32 93 43 00-0721	EA	6'	To 7' Pinus Thunbergiana - Japanese Black Pine	96.01	
			<i>For 2 Years Warranty, Add</i>	24.00	
32 93 43 00-0722	EA	7'	To 8' Pinus thunbergiana - Japanese Black Pine	119.98	
			<i>For 2 Years Warranty, Add</i>	30.00	
32 93 43 00-0723	EA	4'	Pinus cembra - Swiss Stone Pine	113.39	
			<i>For 2 Years Warranty, Add</i>	28.35	
32 93 43 00-0724	EA	5'	Pinus cembra - Swiss Stone Pine	140.07	
			<i>For 2 Years Warranty, Add</i>	35.02	
32 93 43 00-0725	EA	6'	Pinus cembra - Swiss Stone Pine	173.42	
			<i>For 2 Years Warranty, Add</i>	43.36	
32 93 43 00-0726	EA	6'	Pinus flexilis & cvs - Limber Pine	166.75	
			<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0727	EA	7'	Pinus flexilis & cvs - Limber Pine	193.43	
			<i>For 2 Years Warranty, Add</i>	48.36	
32 93 43 00-0728	EA	8'	Pinus flexilis & cvs - Limber Pine	240.12	
			<i>For 2 Years Warranty, Add</i>	60.03	
32 93 43 00-0729	EA	9'	Pinus flexilis & cvs - Limber Pine	293.48	
			<i>For 2 Years Warranty, Add</i>	73.37	
32 93 43 00-0730	EA	10'	Pinus flexilis & cvs - Limber Pine	333.50	
			<i>For 2 Years Warranty, Add</i>	83.38	
32 93 43 00-0731	EA	1	Gallon Pinus mugo - Mugho Pine	6.22	
			<i>For 2 Years Warranty, Add</i>	1.56	
32 93 43 00-0732	EA	2	Gallon Pinus mugo - Mugho Pine	13.14	
			<i>For 2 Years Warranty, Add</i>	3.29	
32 93 43 00-0733	EA	3	Gallon Pinus mugo - Mugho Pine	16.45	
			<i>For 2 Years Warranty, Add</i>	4.11	
32 93 43 00-0734	EA	5	Gallon Pinus mugo - Mugho Pine	20.87	
			<i>For 2 Years Warranty, Add</i>	5.22	
32 93 43 00-0735	EA	12"	To 15" Spread Pinus mugo - Mugho Pine	16.15	
			<i>For 2 Years Warranty, Add</i>	4.04	
32 93 43 00-0736	EA	15"	To 18" Spread Pinus mugo - Mugho Pine	19.26	
			<i>For 2 Years Warranty, Add</i>	4.82	
32 93 43 00-0737	EA	18"	To 24" Spread Pinus mugo - Mugho Pine	26.08	
			<i>For 2 Years Warranty, Add</i>	6.52	
32 93 43 00-0738	EA	2'	To 2-1/2' Spread Pinus mugo - Mugho Pine	36.52	
			<i>For 2 Years Warranty, Add</i>	9.13	
32 93 43 00-0739	EA	2-1/2'	To 3' Spread Pinus mugo - Mugho Pine	46.95	
			<i>For 2 Years Warranty, Add</i>	11.74	
32 93 43 00-0740	EA	3'	To 3-1/2' Spread Pinus mugo - Mugho Pine	58.49	
			<i>For 2 Years Warranty, Add</i>	14.62	
32 93 43 00-0741	EA	3-1/2'	To 4' Spread Pinus mugo - Mugho Pine	71.03	
			<i>For 2 Years Warranty, Add</i>	17.76	
32 93 43 00-0742	EA	6'	Pinus nigra - Austrian Pine	166.75	
			<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0743	EA	7'	Pinus nigra - Austrian Pine	200.10	
			<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0744	EA	8'	Pinus nigra - Austrian Pine	260.13	
			<i>For 2 Years Warranty, Add</i>	65.03	
32 93 43 00-0745	EA	9'	Pinus nigra - Austrian Pine	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0746	EA	10'	Pinus nigra - Austrian Pine	353.51	
			<i>For 2 Years Warranty, Add</i>	88.38	
32 93 43 00-0747	EA	12'	Pinus nigra - Austrian Pine	400.20	
			<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0748	EA	14'	Pinus nigra - Austrian Pine	446.89	
			<i>For 2 Years Warranty, Add</i>	111.72	
32 93 43 00-0749	EA	16'	Pinus nigra - Austrian Pine	506.92	
			<i>For 2 Years Warranty, Add</i>	126.73	
32 93 43 00-0750	EA	5'	Pinus peuce - Macedonian Pine	206.77	
			<i>For 2 Years Warranty, Add</i>	51.69	
32 93 43 00-0751	EA	6'	Pinus peuce - Macedonian Pine	260.13	
			<i>For 2 Years Warranty, Add</i>	65.03	
32 93 43 00-0752	EA	7'	Pinus peuce - Macedonian Pine	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0753	EA	8'	Pinus peuce - Macedonian Pine	340.17	
			<i>For 2 Years Warranty, Add</i>	85.04	
32 93 43 00-0754	EA	9'	Pinus peuce - Macedonian Pine	393.53	
			<i>For 2 Years Warranty, Add</i>	98.38	
32 93 43 00-0755	EA	5'	Pseudotsuga menziesii - Douglas Fir	133.40	
			<i>For 2 Years Warranty, Add</i>	33.35	
32 93 43 00-0756	EA	6'	Pseudotsuga menziesii - Douglas Fir	160.08	
			<i>For 2 Years Warranty, Add</i>	40.02	
32 93 43 00-0757	EA	7'	Pseudotsuga menziesii - Douglas Fir	200.10	
			<i>For 2 Years Warranty, Add</i>	50.03	
32 93 43 00-0758	EA	8'	Pseudotsuga menziesii - Douglas Fir	240.12	
			<i>For 2 Years Warranty, Add</i>	60.03	
32 93 43 00-0759	EA	9'	Pseudotsuga menziesii - Douglas Fir	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0760	EA		10' Pseudotsuga menziesii - Douglas Fir.....	353.51	
			<i>For 2 Years Warranty, Add</i>	88.38	
32 93 43 00-0761	EA		12' Pseudotsuga menziesii - Douglas Fir.....	400.20	
			<i>For 2 Years Warranty, Add</i>	100.05	
32 93 43 00-0762	EA		6' Tsuga canadensis - Northern Hemlock.....	133.40	
			<i>For 2 Years Warranty, Add</i>	33.35	
32 93 43 00-0763	EA		7' Tsuga canadensis - Northern Hemlock.....	166.75	
			<i>For 2 Years Warranty, Add</i>	41.69	
32 93 43 00-0764	EA		8' Tsuga canadensis - Northern Hemlock.....	226.78	
			<i>For 2 Years Warranty, Add</i>	56.70	
32 93 43 00-0765	EA		9' Tsuga canadensis - Northern Hemlock.....	266.80	
			<i>For 2 Years Warranty, Add</i>	66.70	
32 93 43 00-0766	EA		10' Tsuga canadensis - Northern Hemlock.....	300.15	
			<i>For 2 Years Warranty, Add</i>	75.04	
32 93 43 00-0767	EA		12' Tsuga canadensis - Northern Hemlock.....	333.50	
			<i>For 2 Years Warranty, Add</i>	83.38	

**32 93 83 Planting of Trees, Shrubs and Ground Cover <sup>(32 93)</sup>**

Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.

**32 93 83 00-0001 Planting Trees <sup>(32 93 83)</sup>**

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.

32 93 83 00-0002	EA		3" To 5" Bare Root Seedlings Tree Planting.....	1.65	
32 93 83 00-0003	EA		6" To 10" Bare Root Seedlings Tree Planting.....	2.65	
32 93 83 00-0004	EA		11" To 16" Bare Root Seedlings Tree Planting.....	3.31	
32 93 83 00-0005	EA		17" To 24" Bare Root Seedlings Tree Planting.....	5.29	
32 93 83 00-0006	EA		1 Gallon Container Tree Planting.....	26.44	
			<i>For &gt;10 To 25, Deduct</i>	-1.32	
			<i>For &gt;25 To 50, Deduct</i>	-3.31	
			<i>For &gt;50 To 100, Deduct</i>	-5.29	
			<i>For &gt;100, Deduct</i>	-7.93	
32 93 83 00-0007	EA		2 Gallon Container Tree Planting.....	37.02	
			<i>For &gt;10 To 25, Deduct</i>	-1.85	
			<i>For &gt;25 To 50, Deduct</i>	-4.63	
			<i>For &gt;50 To 100, Deduct</i>	-7.40	
			<i>For &gt;100, Deduct</i>	-11.11	
32 93 83 00-0008	EA		3 Gallon Container Tree Planting.....	47.59	
			<i>For &gt;10 To 25, Deduct</i>	-2.38	
			<i>For &gt;25 To 50, Deduct</i>	-5.95	
			<i>For &gt;50 To 100, Deduct</i>	-9.52	
			<i>For &gt;100, Deduct</i>	-14.28	
32 93 83 00-0009	EA		5 Gallon Container Tree Planting.....	79.33	
			<i>For &gt;10 To 25, Deduct</i>	-3.97	
			<i>For &gt;25 To 50, Deduct</i>	-9.92	
			<i>For &gt;50 To 100, Deduct</i>	-15.87	
			<i>For &gt;100, Deduct</i>	-23.80	
32 93 83 00-0010	EA		7 Gallon Container Tree Planting.....	105.76	
			<i>For &gt;10 To 25, Deduct</i>	-5.29	
			<i>For &gt;25 To 50, Deduct</i>	-13.22	
			<i>For &gt;50 To 100, Deduct</i>	-21.15	
			<i>For &gt;100, Deduct</i>	-31.73	
32 93 83 00-0011	EA		10 Gallon Container Tree Planting.....	137.49	
			<i>For &gt;10 To 25, Deduct</i>	-6.87	
			<i>For &gt;25 To 50, Deduct</i>	-17.19	
			<i>For &gt;50 To 100, Deduct</i>	-27.50	
			<i>For &gt;100, Deduct</i>	-41.25	
32 93 83 00-0012	EA		15 Gallon Container Tree Planting.....	195.66	
			<i>For &gt;10 To 25, Deduct</i>	-9.78	
			<i>For &gt;25 To 50, Deduct</i>	-24.46	
			<i>For &gt;50 To 100, Deduct</i>	-39.13	
			<i>For &gt;100, Deduct</i>	-58.70	
32 93 83 00-0013	EA		20 Gallon Container Tree Planting.....	322.58	
			<i>For &gt;10 To 25, Deduct</i>	-16.13	
			<i>For &gt;25 To 50, Deduct</i>	-40.32	
			<i>For &gt;50 To 100, Deduct</i>	-64.52	
			<i>For &gt;100, Deduct</i>	-96.77	
32 93 83 00-0014	EA		25 Gallon Container Tree Planting.....	417.76	
			<i>For &gt;10 To 25, Deduct</i>	-20.89	
			<i>For &gt;25 To 50, Deduct</i>	-52.22	
			<i>For &gt;50 To 100, Deduct</i>	-83.55	
			<i>For &gt;100, Deduct</i>	-125.33	
32 93 83 00-0015	EA		30 Gallon Container Tree Planting.....	502.37	
			<i>For &gt;10 To 25, Deduct</i>	-25.12	
			<i>For &gt;25 To 50, Deduct</i>	-62.80	
			<i>For &gt;50 To 100, Deduct</i>	-100.47	
			<i>For &gt;100, Deduct</i>	-150.71	
32 93 83 00-0016	EA		45 Gallon Container Tree Planting.....	624.01	
			<i>For &gt;10 To 25, Deduct</i>	-31.20	
			<i>For &gt;25 To 50, Deduct</i>	-78.00	
			<i>For &gt;50 To 100, Deduct</i>	-124.80	
			<i>For &gt;100, Deduct</i>	-187.20	



**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0017 EA 65 Gallon Container Tree Planting.....	740.34	
For>10 To 25, Deduct	-37.02	
For>25 To 50, Deduct	-92.54	
For>50 To 100, Deduct	-148.07	
For>100, Deduct	-222.10	
32 93 83 00-0018 EA 6' Balled And Burlapped Tree Planting.....	264.41	
For>10 To 25, Deduct	-13.22	
For>25 To 50, Deduct	-33.05	
For>50 To 100, Deduct	-52.88	
For>100, Deduct	-79.32	
32 93 83 00-0019 EA 7' Balled And Burlapped Tree Planting.....	352.19	
For>10 To 25, Deduct	-17.61	
For>25 To 50, Deduct	-44.02	
For>50 To 100, Deduct	-70.44	
For>100, Deduct	-105.66	
32 93 83 00-0020 EA 8' Balled And Burlapped Tree Planting.....	396.61	
For>10 To 25, Deduct	-19.83	
For>25 To 50, Deduct	-49.58	
For>50 To 100, Deduct	-79.32	
For>100, Deduct	-118.98	
32 93 83 00-0021 EA 10' Balled And Burlapped Tree Planting.....	462.72	
For>10 To 25, Deduct	-23.14	
For>25 To 50, Deduct	-57.84	
For>50 To 100, Deduct	-92.54	
For>100, Deduct	-138.82	
32 93 83 00-0022 EA 12' Balled And Burlapped Tree Planting.....	618.72	
For>10 To 25, Deduct	-30.94	
For>25 To 50, Deduct	-77.34	
For>50 To 100, Deduct	-123.74	
For>100, Deduct	-185.62	
32 93 83 00-0023 EA 14' Balled And Burlapped Tree Planting.....	708.62	
For>10 To 25, Deduct	-35.43	
For>25 To 50, Deduct	-88.58	
For>50 To 100, Deduct	-141.72	
For>100, Deduct	-212.59	
32 93 83 00-0024 EA 16' Balled And Burlapped Tree Planting.....	859.33	
For>10 To 25, Deduct	-42.97	
For>25 To 50, Deduct	-107.42	
For>50 To 100, Deduct	-171.87	
For>100, Deduct	-257.80	
32 93 83 00-0025 EA 18' Balled And Burlapped Tree Planting.....	1,031.20	
For>10 To 25, Deduct	-51.56	
For>25 To 50, Deduct	-128.90	
For>50 To 100, Deduct	-206.24	
For>100, Deduct	-309.36	
32 93 83 00-0026 EA 20' Balled And Burlapped Tree Planting.....	1,189.84	
For>10 To 25, Deduct	-59.49	
For>25 To 50, Deduct	-148.73	
For>50 To 100, Deduct	-237.97	
For>100, Deduct	-356.95	
32 93 83 00-0027 EA 1-1/2" Caliper Balled And Burlapped Tree Planting.....	396.61	
For>10 To 25, Deduct	-19.83	
For>25 To 50, Deduct	-49.58	
For>50 To 100, Deduct	-79.32	
For>100, Deduct	-118.98	
32 93 83 00-0028 EA 2" Caliper Balled And Burlapped Tree Planting.....	462.72	
For>10 To 25, Deduct	-23.14	
For>25 To 50, Deduct	-57.84	
For>50 To 100, Deduct	-92.54	
For>100, Deduct	-138.82	
32 93 83 00-0029 EA 2-1/2" Caliper Balled And Burlapped Tree Planting.....	621.36	
For>10 To 25, Deduct	-31.07	
For>25 To 50, Deduct	-77.67	
For>50 To 100, Deduct	-124.27	
For>100, Deduct	-186.41	
32 93 83 00-0030 EA 3" Caliper Balled And Burlapped Tree Planting.....	713.90	
For>10 To 25, Deduct	-35.70	
For>25 To 50, Deduct	-89.24	
For>50 To 100, Deduct	-142.78	
For>100, Deduct	-214.17	
32 93 83 00-0031 EA 3-1/2" Caliper Balled And Burlapped Tree Planting.....	793.23	
For>10 To 25, Deduct	-39.66	
For>25 To 50, Deduct	-99.15	
For>50 To 100, Deduct	-158.65	
For>100, Deduct	-237.97	
32 93 83 00-0032 EA 4" Caliper Balled And Burlapped Tree Planting.....	909.56	
For>10 To 25, Deduct	-45.48	
For>25 To 50, Deduct	-113.70	
For>50 To 100, Deduct	-181.91	
For>100, Deduct	-272.87	

**32 93 83 00-0033 Planting Shrubs** (32 93 83)

Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.



<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Plants		32 93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0034 EA 1 Gallon Container Shrub Planting .....	22.49	
For >10 To 25, Deduct	-1.12	
For >25 To 50, Deduct	-2.81	
For >50 To 100, Deduct	-4.50	
For >100, Deduct	-6.75	
32 93 83 00-0035 EA 2 Gallon Container Shrub Planting .....	31.72	
For >10 To 25, Deduct	-1.59	
For >25 To 50, Deduct	-3.97	
For >50 To 100, Deduct	-6.34	
For >100, Deduct	-9.52	
32 93 83 00-0036 EA 3 Gallon Container Shrub Planting .....	39.66	
For >10 To 25, Deduct	-1.98	
For >25 To 50, Deduct	-4.96	
For >50 To 100, Deduct	-7.93	
For >100, Deduct	-11.90	
32 93 83 00-0037 EA 4 Gallon Container Shrub Planting .....	52.88	
For >10 To 25, Deduct	-2.64	
For >25 To 50, Deduct	-6.61	
For >50 To 100, Deduct	-10.58	
For >100, Deduct	-15.86	
32 93 83 00-0038 EA 5 Gallon Container Shrub Planting .....	66.11	
For >10 To 25, Deduct	-3.31	
For >25 To 50, Deduct	-8.26	
For >50 To 100, Deduct	-13.22	
For >100, Deduct	-19.83	
32 93 83 00-0039 EA 7 Gallon Container Shrub Planting .....	89.90	
For >10 To 25, Deduct	-4.50	
For >25 To 50, Deduct	-11.24	
For >50 To 100, Deduct	-17.98	
For >100, Deduct	-26.97	
32 93 83 00-0040 EA 10 Gallon Container Shrub Planting .....	118.98	
For >10 To 25, Deduct	-5.95	
For >25 To 50, Deduct	-14.87	
For >50 To 100, Deduct	-23.80	
For >100, Deduct	-35.69	
32 93 83 00-0041 EA 15 Gallon Container Shrub Planting .....	163.94	
For >10 To 25, Deduct	-8.20	
For >25 To 50, Deduct	-20.49	
For >50 To 100, Deduct	-32.79	
For >100, Deduct	-49.18	
32 93 83 00-0042 EA 20 Gallon Container Shrub Planting .....	274.99	
For >10 To 25, Deduct	-13.75	
For >25 To 50, Deduct	-34.37	
For >50 To 100, Deduct	-55.00	
For >100, Deduct	-82.50	
32 93 83 00-0043 EA 25 Gallon Container Shrub Planting .....	352.19	
For >10 To 25, Deduct	-17.61	
For >25 To 50, Deduct	-44.02	
For >50 To 100, Deduct	-70.44	
For >100, Deduct	-105.66	
32 93 83 00-0044 EA 15" Balled And Burlapped Shrub Planting .....	74.03	
For >10 To 25, Deduct	-3.70	
For >25 To 50, Deduct	-9.25	
For >50 To 100, Deduct	-14.81	
For >100, Deduct	-22.21	
32 93 83 00-0045 EA 18" Balled And Burlapped Shrub Planting .....	76.68	
For >10 To 25, Deduct	-3.83	
For >25 To 50, Deduct	-9.59	
For >50 To 100, Deduct	-15.34	
For >100, Deduct	-23.00	
32 93 83 00-0046 EA 24" Balled And Burlapped Shrub Planting .....	84.61	
For >10 To 25, Deduct	-4.23	
For >25 To 50, Deduct	-10.58	
For >50 To 100, Deduct	-16.92	
For >100, Deduct	-25.38	
32 93 83 00-0047 EA 30" Balled And Burlapped Shrub Planting .....	84.61	
For >10 To 25, Deduct	-4.23	
For >25 To 50, Deduct	-10.58	
For >50 To 100, Deduct	-16.92	
For >100, Deduct	-25.38	
32 93 83 00-0048 EA 36" Balled And Burlapped Shrub Planting .....	92.55	
For >10 To 25, Deduct	-4.63	
For >25 To 50, Deduct	-11.57	
For >50 To 100, Deduct	-18.51	
For >100, Deduct	-27.77	
32 93 83 00-0049 EA 42" Balled And Burlapped Shrub Planting .....	97.83	
For >10 To 25, Deduct	-4.89	
For >25 To 50, Deduct	-12.23	
For >50 To 100, Deduct	-19.57	
For >100, Deduct	-29.35	
32 93 83 00-0050 EA 48" Balled And Burlapped Shrub Planting .....	105.76	
For >10 To 25, Deduct	-5.29	
For >25 To 50, Deduct	-13.22	
For >50 To 100, Deduct	-21.15	
For >100, Deduct	-31.73	

**32 Exterior Improvements****32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0051	EA		5' Balled And Burlapped Shrub Planting .....	158.64	
			<i>For &gt;10 To 25, Deduct</i>	-7.93	
			<i>For &gt;25 To 50, Deduct</i>	-19.83	
			<i>For &gt;50 To 100, Deduct</i>	-31.73	
			<i>For &gt;100, Deduct</i>	-47.59	
32 93 83 00-0052	EA		6' Balled And Burlapped Shrub Planting .....	224.75	
			<i>For &gt;10 To 25, Deduct</i>	-11.24	
			<i>For &gt;25 To 50, Deduct</i>	-28.09	
			<i>For &gt;50 To 100, Deduct</i>	-44.95	
			<i>For &gt;100, Deduct</i>	-67.43	
32 93 83 00-0053	EA		7' Balled And Burlapped Shrub Planting .....	298.78	
			<i>For &gt;10 To 25, Deduct</i>	-14.94	
			<i>For &gt;25 To 50, Deduct</i>	-37.35	
			<i>For &gt;50 To 100, Deduct</i>	-59.76	
			<i>For &gt;100, Deduct</i>	-89.63	
32 93 83 00-0054	EA		8' Balled And Burlapped Shrub Planting .....	338.45	
			<i>For &gt;10 To 25, Deduct</i>	-16.92	
			<i>For &gt;25 To 50, Deduct</i>	-42.31	
			<i>For &gt;50 To 100, Deduct</i>	-67.69	
			<i>For &gt;100, Deduct</i>	-101.54	
32 93 83 00-0055	EA		9' Balled And Burlapped Shrub Planting .....	364.89	
			<i>For &gt;10 To 25, Deduct</i>	-18.24	
			<i>For &gt;25 To 50, Deduct</i>	-45.61	
			<i>For &gt;50 To 100, Deduct</i>	-72.98	
			<i>For &gt;100, Deduct</i>	-109.47	
32 93 83 00-0056	EA		10' Balled And Burlapped Shrub Planting .....	396.61	
			<i>For &gt;10 To 25, Deduct</i>	-19.83	
			<i>For &gt;25 To 50, Deduct</i>	-49.58	
			<i>For &gt;50 To 100, Deduct</i>	-79.32	
			<i>For &gt;100, Deduct</i>	-118.98	
<b>32 93 83 00-0057</b>			<b>Planting Groundcover, Vines, Perennials, Annuals And Bulbs</b> <small>(32 93 83)</small>		
			See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0058	EA		2-1/4" Diameter Potted Groundcover And Flower Planting .....	2.21	
			<i>For &gt;10 To 25, Deduct</i>	-0.11	
			<i>For &gt;25 To 50, Deduct</i>	-0.28	
			<i>For &gt;50 To 100, Deduct</i>	-0.44	
			<i>For &gt;100, Deduct</i>	-0.66	
32 93 83 00-0059	EA		3" Diameter Potted Groundcover And Flower Planting .....	2.52	
			<i>For &gt;10 To 25, Deduct</i>	-0.13	
			<i>For &gt;25 To 50, Deduct</i>	-0.32	
			<i>For &gt;50 To 100, Deduct</i>	-0.50	
			<i>For &gt;100, Deduct</i>	-0.76	
32 93 83 00-0060	EA		4" Diameter Potted Groundcover And Flower Planting .....	2.94	
			<i>For &gt;10 To 25, Deduct</i>	-0.15	
			<i>For &gt;25 To 50, Deduct</i>	-0.37	
			<i>For &gt;50 To 100, Deduct</i>	-0.59	
			<i>For &gt;100, Deduct</i>	-0.88	
32 93 83 00-0061	EA		5-1/2" Diameter Potted Groundcover And Flower Planting .....	3.53	
			<i>For &gt;10 To 25, Deduct</i>	-0.18	
			<i>For &gt;25 To 50, Deduct</i>	-0.44	
			<i>For &gt;50 To 100, Deduct</i>	-0.71	
			<i>For &gt;100, Deduct</i>	-1.06	
32 93 83 00-0062	EA		6" Diameter Potted Groundcover And Flower Planting .....	4.40	
			<i>For &gt;10 To 25, Deduct</i>	-0.22	
			<i>For &gt;25 To 50, Deduct</i>	-0.55	
			<i>For &gt;50 To 100, Deduct</i>	-0.88	
			<i>For &gt;100, Deduct</i>	-1.32	
32 93 83 00-0063	EA		8" Diameter Potted Groundcover And Flower Planting .....	6.61	
			<i>For &gt;10 To 25, Deduct</i>	-0.33	
			<i>For &gt;25 To 50, Deduct</i>	-0.83	
			<i>For &gt;50 To 100, Deduct</i>	-1.32	
			<i>For &gt;100, Deduct</i>	-1.98	
32 93 83 00-0064	EA		1 Quart Container Groundcover And Flower Planting .....	7.93	
			<i>For &gt;10 To 25, Deduct</i>	-0.40	
			<i>For &gt;25 To 50, Deduct</i>	-0.99	
			<i>For &gt;50 To 100, Deduct</i>	-1.59	
			<i>For &gt;100, Deduct</i>	-2.38	
32 93 83 00-0065	EA		1 Gallon Container Groundcover And Flower Planting .....	21.15	
			<i>For &gt;10 To 25, Deduct</i>	-1.06	
			<i>For &gt;25 To 50, Deduct</i>	-2.64	
			<i>For &gt;50 To 100, Deduct</i>	-4.23	
			<i>For &gt;100, Deduct</i>	-6.35	
32 93 83 00-0066	EA		2 Gallon Container Groundcover And Flower Planting .....	29.09	
			<i>For &gt;10 To 25, Deduct</i>	-1.45	
			<i>For &gt;25 To 50, Deduct</i>	-3.64	
			<i>For &gt;50 To 100, Deduct</i>	-5.82	
			<i>For &gt;100, Deduct</i>	-8.73	
32 93 83 00-0067	EA		3 Gallon Container Groundcover And Flower Planting .....	37.02	
			<i>For &gt;10 To 25, Deduct</i>	-1.85	
			<i>For &gt;25 To 50, Deduct</i>	-4.63	
			<i>For &gt;50 To 100, Deduct</i>	-7.40	
			<i>For &gt;100, Deduct</i>	-11.11	



		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0068	EA		4 Gallon Container Groundcover And Flower Planting .....	47.59	
			For >10 To 25, Deduct	-2.38	
			For >25 To 50, Deduct	-5.95	
			For >50 To 100, Deduct	-9.52	
			For >100, Deduct	-14.28	
32 93 83 00-0069	EA		5 Gallon Container Groundcover And Flower Planting .....	58.17	
			For >10 To 25, Deduct	-2.91	
			For >25 To 50, Deduct	-7.27	
			For >50 To 100, Deduct	-11.63	
			For >100, Deduct	-17.45	
32 93 83 00-0070	EA		7 Gallon Container Groundcover And Flower Planting .....	79.33	
			For >10 To 25, Deduct	-3.97	
			For >25 To 50, Deduct	-9.92	
			For >50 To 100, Deduct	-15.87	
			For >100, Deduct	-23.80	
32 93 83 00-0071	EA		Bulb Planting.....	1.32	
			For >10 To 25, Deduct	-0.07	
			For >25 To 50, Deduct	-0.17	
			For >50 To 100, Deduct	-0.26	
			For >100, Deduct	-0.40	
32 93 83 00-0072	EA		Flats Of 24 Groundcover And Flower Planting .....	37.02	
			For >10 To 25, Deduct	-1.85	
			For >25, Deduct	-4.63	
32 93 83 00-0073	EA		Flats Of 36 Groundcover And Flower Planting .....	52.51	
			For >10 To 25, Deduct	-2.63	
			For >25, Deduct	-6.56	
32 93 83 00-0074	EA		Flats Of 48 Groundcover And Flower Planting .....	69.90	
			For >10 To 25, Deduct	-3.50	
			For >25, Deduct	-8.74	

## 32 93 83 00-0075

## Tree Pits (32 93 83)

Note: Used to protect roots from adjacent paved areas. Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. See CSI section 32 91 13 16-0000 for appropriate mulch or decorative topping, 32 91 13 16-0001 for appropriate mulch or decorative topping.

32 93 83 00-0076	EA		2' x 1-1/4' Deep Tree Pit .....	132.76	
32 93 83 00-0077	EA		2' x 2-1/2' Deep Tree Pit .....	199.08	
32 93 83 00-0078	EA		2-1/2' x 1-1/2' Deep Tree Pit .....	257.36	
32 93 83 00-0079	EA		2-1/2' x 3' Deep Tree Pit .....	385.96	
32 93 83 00-0080	EA		3' x 1-3/4' Deep Tree Pit .....	396.89	
32 93 83 00-0081	EA		3' x 3-1/2' Deep Tree Pit .....	592.20	
32 93 83 00-0082	EA		3-1/2' x 1-3/4' Deep Tree Pit .....	486.14	
32 93 83 00-0083	EA		3-1/2' x 3-1/2' Deep Tree Pit .....	728.17	
32 93 83 00-0084	EA		4' x 2' Deep Tree Pit .....	580.99	
32 93 83 00-0085	EA		4' x 4' Deep Tree Pit .....	871.01	
32 93 83 00-0086	EA		4-1/2' x 2' Deep Tree Pit .....	836.02	
32 93 83 00-0087	EA		4-1/2' x 4' Deep Tree Pit .....	1,256.55	
32 93 83 00-0088	EA		5' x 2-1/4' Deep Tree Pit .....	1,112.01	
32 93 83 00-0089	EA		5' x 4-1/2' Deep Tree Pit .....	1,656.14	
32 93 83 00-0090	EA		6' x 2-1/2' Deep Tree Pit .....	1,577.06	
32 93 83 00-0091	EA		6' x 5' Deep Tree Pit .....	2,362.03	
32 93 83 00-0092	EA		7' x 3' Deep Tree Pit .....	2,656.55	
32 93 83 00-0093	EA		7' x 6' Deep Tree Pit .....	4,006.46	
32 93 83 00-0094	EA		8' x 3-1/4' Deep Tree Pit .....	3,651.72	
32 93 83 00-0095	EA		8' x 6-1/2' Deep Tree Pit .....	5,475.22	

## 32 93 83 00-0096

## Warranty (32 93 83)

32 93 83 00-0097	EA		Warranty/Maintenance For Shrubs .....	6.15	
32 93 83 00-0098	EA		Warranty/Maintenance For Trees Up To 1" Caliper .....	7.11	
32 93 83 00-0099	EA		Warranty/Maintenance For Trees 1" To 2" Caliper .....	8.18	
32 93 83 00-0100	EA		Warranty/Maintenance For Trees 2" To 3" Caliper .....	9.43	
32 93 83 00-0101	EA		Warranty/Maintenance For Trees 3" To 4" Caliper .....	10.80	
32 93 83 00-0102	EA		Warranty/Maintenance For Trees Over 4" Caliper .....	12.44	

## 32 94 Planting Accessories (32 90)

## 32 94 13 Landscape Edging (32 94)

Note: Including stakes.

## 32 94 13 00-0001 Landscape Edging (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF		6" Poly/Vinyl Landscape Edging With Non-Round Top .....	6.38	1.35
			For >2,000 To 5,000 LF, Deduct	-0.37	
			For >5,000 LF, Deduct	-0.74	
32 94 13 00-0003	LF		5" Polyethylene Landscape Edging With Round Top .....	3.85	1.35
			For >2,000 To 5,000 LF, Deduct	-0.12	
			For >5,000 LF, Deduct	-0.23	
32 94 13 00-0004	LF		5-1/2" Polyethylene Landscape Edging With Round Top .....	3.91	1.35
			For >2,000 To 5,000 LF, Deduct	-0.12	
			For >5,000 LF, Deduct	-0.24	

**32 Exterior Improvements****32 90 Planting****32 94 Planting Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94	13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top .....	3.95	1.35
			<i>For &gt;2,000 To 5,000 LF, Deduct</i>	-0.13	
			<i>For &gt;5,000 LF, Deduct</i>	-0.25	
32 94	13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging .....	11.10	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-1.18	
32 94	13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging .....	12.07	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-1.42	
32 94	13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging .....	12.14	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-1.44	
32 94	13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging .....	13.86	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-1.82	
32 94	13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging .....	15.06	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-2.12	
32 94	13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging .....	15.03	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-2.12	
32 94	13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging .....	12.42	3.41
			<i>For &gt;1,000 LF, Deduct</i>	-1.42	
32 94	13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging .....	13.75	3.41
			<i>For &gt;1,000 LF, Deduct</i>	-1.75	
32 94	13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging .....	13.89	3.41
			<i>For &gt;1,000 LF, Deduct</i>	-1.79	
32 94	13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging .....	15.57	3.52
			<i>For &gt;1,000 LF, Deduct</i>	-2.16	
32 94	13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging .....	16.91	3.52
			<i>For &gt;1,000 LF, Deduct</i>	-2.50	
32 94	13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging .....	17.02	3.52
			<i>For &gt;1,000 LF, Deduct</i>	-2.52	
32 94	13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging .....	11.80	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-1.29	
32 94	13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging .....	13.76	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-1.78	
32 94	13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging .....	19.04	3.31
			<i>For &gt;1,000 LF, Deduct</i>	-3.10	
32 94	13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	8.97	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-0.65	
32 94	13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	10.14	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-0.94	
32 94	13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board).....	11.17	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-1.20	
32 94	13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board).....	11.39	3.20
			<i>For &gt;1,000 LF, Deduct</i>	-1.25	

**32 94 16 Landscape Timbers** (32 94)

32 94	16 00-0001	LF	1" x 4" Redwood Edging .....	5.62	1.89
32 94	16 00-0002	LF	2" x 4" Redwood Edging .....	7.73	2.84
32 94	16 00-0003	LF	4" x 6" Pressure Treated Hardwood.....	11.39	3.79
32 94	16 00-0004	LF	6" x 6" Pressure Treated Hardwood.....	14.90	4.74
32 94	16 00-0005	LF	6" x 8" Pressure Treated Hardwood.....	17.35	5.57
32 94	16 00-0006	LF	1" x 4" Pressure Treated Pine.....	4.44	1.89
32 94	16 00-0007	LF	2" x 4" Pressure Treated Pine.....	6.73	2.84
32 94	16 00-0008	LF	4" x 6" Pressure Treated Pine.....	10.82	3.68
32 94	16 00-0009	LF	6" x 6" Pressure Treated Pine.....	14.78	4.74
32 94	16 00-0010	LF	6" x 8" Pressure Treated Pine.....	18.11	5.57
32 94	16 00-0011	LF	6" x 8" Railroad Ties .....	15.86	5.21
32 94	16 00-0012	LF	7" x 9" Railroad Ties .....	19.12	6.54

**32 94 23 Plant Protection** (32 94)

32 94	23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge.....	2.89	
-------	------------	----	---	------	--

**32 94 43 Tree Grates** (32 94)**32 94 43 00-0001 Tree Grates With Frames** (32 94 43)**32 94 43 00-0002 Round Cast Iron Tree Grates With Frames** (32 94 43 00-0001)

32 94	43 00-0003	EA	32" Diameter, 100 To 150 Lb., Cast Iron Tree Grate With Frame.....	1,085.71	68.65
			<i>For &gt;3 To 9, Deduct</i>	-71.13	
			<i>For &gt;9, Deduct</i>	-147.00	
32 94	43 00-0004	EA	36" Diameter, 125 To 175 Lb., Cast Iron Tree Grate With Frame.....	1,258.13	68.65
			<i>For &gt;3 To 9, Deduct</i>	-84.06	
			<i>For &gt;9, Deduct</i>	-173.73	
32 94	43 00-0005	EA	42" Diameter, 150 To 200 Lb., Cast Iron Tree Grate With Frame.....	1,519.44	91.54
			<i>For &gt;3 To 9, Deduct</i>	-100.23	
			<i>For &gt;9, Deduct</i>	-207.14	
32 94	43 00-0006	EA	48" Diameter, 200 To 250 Lb., Cast Iron Tree Grate With Frame.....	1,894.73	91.54
			<i>For &gt;3 To 9, Deduct</i>	-128.37	
			<i>For &gt;9, Deduct</i>	-265.31	
32 94	43 00-0007	EA	54" Diameter, 300 To 350 Lb., Cast Iron Tree Grate With Frame.....	2,429.91	114.43
			<i>For &gt;3 To 9, Deduct</i>	-165.08	
			<i>For &gt;9, Deduct</i>	-341.17	





		<b>Exterior Improvements</b>	<b>32</b>
		Planting	32 90
		Planting Accessories	32 94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0008	EA		60" Diameter, Up To 350 Lb., Cast Iron Tree Grate With Frame .....	2,546.68	137.30
			For >3 To 9, Deduct	-170.41	
			For >9, Deduct	-352.17	
32 94 43 00-0009	EA		60" Diameter, >350 Lb., Cast Iron Tree Grate With Frame.....	2,807.86	137.30
			For >3 To 9, Deduct	-189.99	
			For >9, Deduct	-392.66	
32 94 43 00-0010	EA		72" Diameter, Up To 550 Lb., Cast Iron Tree Grate With Frame .....	3,736.29	194.52
			For >3 To 9, Deduct	-251.04	
			For >9, Deduct	-518.83	
32 94 43 00-0011	EA		72" Diameter, >500 To 550 Lb., Cast Iron Tree Grate With Frame.....	3,888.43	194.52
			For >3 To 9, Deduct	-262.46	
			For >9, Deduct	-542.41	
32 94 43 00-0012	EA		72" Diameter, >600 To 650 Lb., Cast Iron Tree Grate With Frame.....	4,015.22	194.52
			For >3 To 9, Deduct	-271.96	
			For >9, Deduct	-562.06	
32 94 43 00-0013	EA		72" Diameter, >650 To 700 Lb., Cast Iron Tree Grate With Frame.....	4,116.66	194.52
			For >3 To 9, Deduct	-279.57	
			For >9, Deduct	-577.78	
32 94 43 00-0014	EA		72" Diameter, >700 Lb., Cast Iron Tree Grate With Frame.....	4,192.73	194.52
			For >3 To 9, Deduct	-285.28	
			For >9, Deduct	-589.57	
32 94 43 00-0015	EA		93" Diameter, 950 To 1,000 Lb., Cast Iron Tree Grate With Frame.....	4,596.11	228.84
			For >3 To 9, Deduct	-310.38	
			For >9, Deduct	-641.46	
<b>32 94 43 00-0016</b>			<b>Square Cast Iron Tree Grates With Frames</b> (32 94 43 00-0001)		
32 94 43 00-0017	EA		30" x 30", 75 To 125 Lb., Cast Iron Tree Grate With Frame .....	999.48	68.65
			For >3 To 9, Deduct	-64.66	
			For >9, Deduct	-133.64	
32 94 43 00-0018	EA		36" x 36", 100 To 150 Lb., Cast Iron Tree Grate With Frame .....	1,215.03	68.65
			For >3 To 9, Deduct	-80.83	
			For >9, Deduct	-167.05	
32 94 43 00-0019	EA		48" x 48", Up To 200 Lb., Cast Iron Tree Grate With Frame.....	1,801.04	114.43
			For >3 To 9, Deduct	-117.92	
			For >9, Deduct	-243.69	
32 94 43 00-0020	EA		48" x 48", >200 To 250 Lb., Cast Iron Tree Grate With Frame .....	2,130.69	114.43
			For >3 To 9, Deduct	-142.64	
			For >9, Deduct	-294.79	
32 94 43 00-0021	EA		48" x 48", >250 To 300 Lb., Cast Iron Tree Grate With Frame.....	2,434.99	114.43
			For >3 To 9, Deduct	-165.46	
			For >9, Deduct	-341.95	
32 94 43 00-0022	EA		48" x 48", >300 To 350 Lb., Cast Iron Tree Grate With Frame.....	2,713.92	114.43
			For >3 To 9, Deduct	-186.38	
			For >9, Deduct	-385.19	
32 94 43 00-0023	EA		48" x 48", >350 To 400 Lb., Cast Iron Tree Grate With Frame.....	2,967.50	114.43
			For >3 To 9, Deduct	-205.40	
			For >9, Deduct	-424.49	
32 94 43 00-0024	EA		48" x 48", >400 Lb., Cast Iron Tree Grate With Frame .....	3,195.73	114.43
			For >3 To 9, Deduct	-222.52	
			For >9, Deduct	-459.87	
32 94 43 00-0025	EA		60" x 60", Up To 400 Lb., Cast Iron Tree Grate With Frame.....	3,059.05	160.19
			For >3 To 9, Deduct	-205.40	
			For >9, Deduct	-424.49	
32 94 43 00-0026	EA		60" x 60", >400 To 450 Lb., Cast Iron Tree Grate With Frame.....	3,287.28	160.19
			For >3 To 9, Deduct	-222.52	
			For >9, Deduct	-459.87	
32 94 43 00-0027	EA		60" x 60", >450 To 500 Lb., Cast Iron Tree Grate With Frame.....	3,490.14	160.19
			For >3 To 9, Deduct	-237.73	
			For >9, Deduct	-491.31	
32 94 43 00-0028	EA		60" x 60", >500 To 550 Lb., Cast Iron Tree Grate With Frame.....	3,667.65	160.19
			For >3 To 9, Deduct	-251.04	
			For >9, Deduct	-518.83	
32 94 43 00-0029	EA		60" x 60", >550 To 600 Lb., Cast Iron Tree Grate With Frame.....	3,819.79	160.19
			For >3 To 9, Deduct	-262.46	
			For >9, Deduct	-542.41	
32 94 43 00-0030	EA		60" x 60", >600 Lb., Cast Iron Tree Grate With Frame .....	3,946.58	160.19
			For >3 To 9, Deduct	-271.96	
			For >9, Deduct	-562.06	
32 94 43 00-0031	EA		72" x 72", Up To 550 Lb., Cast Iron Tree Grate With Frame.....	3,736.29	194.52
			For >3 To 9, Deduct	-251.04	
			For >9, Deduct	-518.83	
32 94 43 00-0032	EA		72" x 72", >550 To 600 Lb., Cast Iron Tree Grate With Frame.....	3,888.43	194.52
			For >3 To 9, Deduct	-262.46	
			For >9, Deduct	-542.41	
32 94 43 00-0033	EA		72" x 72", >600 To 650 Lb., Cast Iron Tree Grate With Frame.....	4,015.22	194.52
			For >3 To 9, Deduct	-271.96	
			For >9, Deduct	-562.06	
32 94 43 00-0034	EA		72" x 72", >650 To 700 Lb., Cast Iron Tree Grate With Frame.....	4,116.66	194.52
			For >3 To 9, Deduct	-279.57	
			For >9, Deduct	-577.78	
32 94 43 00-0035	EA		72" x 72", >700 To 750 Lb., Cast Iron Tree Grate With Frame.....	4,192.73	194.52
			For >3 To 9, Deduct	-285.28	
			For >9, Deduct	-589.57	

**32 Exterior Improvements****32 90 Planting****32 94 Planting Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0036	EA		72" x 72", >750 To 800 Lb., Cast Iron Tree Grate With Frame .....	4,243.45	194.52
			<i>For &gt;3 To 9, Deduct</i>	-289.08	
			<i>For &gt;9, Deduct</i>	-597.44	
32 94 43 00-0037	EA		72" x 72", >800 To 850 Lb., Cast Iron Tree Grate With Frame .....	4,268.80	194.52
			<i>For &gt;3 To 9, Deduct</i>	-290.98	
			<i>For &gt;9, Deduct</i>	-601.36	
32 94 43 00-0038	EA		72" x 72", >850 Lb., Cast Iron Tree Grate With Frame .....	4,294.16	194.52
			<i>For &gt;3 To 9, Deduct</i>	-292.88	
			<i>For &gt;9, Deduct</i>	-605.30	
<b>32 94 43 00-0039</b>			<b>Rectangular Cast Iron Tree Grates With Frames</b> <small>(32 94 43 00-0001)</small>		
32 94 43 00-0040	EA		36" x 48", 200 To 250 Lb., Cast Iron Tree Grate With Frame .....	1,894.73	91.54
			<i>For &gt;3 To 9, Deduct</i>	-128.37	
			<i>For &gt;9, Deduct</i>	-265.31	
32 94 43 00-0041	EA		36" x 60", 200 To 250 Lb., Cast Iron Tree Grate With Frame .....	1,932.77	91.54
			<i>For &gt;3 To 9, Deduct</i>	-131.23	
			<i>For &gt;9, Deduct</i>	-271.20	
32 94 43 00-0042	EA		36" x 72", 275 To 325 Lb., Cast Iron Tree Grate With Frame .....	2,361.45	114.43
			<i>For &gt;3 To 9, Deduct</i>	-159.95	
			<i>For &gt;9, Deduct</i>	-330.55	
32 94 43 00-0043	EA		48" x 72", Up To 350 Lb., Cast Iron Tree Grate With Frame .....	2,784.93	114.43
			<i>For &gt;3 To 9, Deduct</i>	-191.71	
			<i>For &gt;9, Deduct</i>	-396.19	
32 94 43 00-0044	EA		48" x 72", >350 Lb., Cast Iron Tree Grate With Frame .....	2,967.50	114.43
			<i>For &gt;3 To 9, Deduct</i>	-205.40	
			<i>For &gt;9, Deduct</i>	-424.49	
32 94 43 00-0045	EA		60" x 84", 700 To 750 Lb., Cast Iron Tree Grate With Frame .....	3,964.51	194.52
			<i>For &gt;3 To 9, Deduct</i>	-268.16	
			<i>For &gt;9, Deduct</i>	-554.20	
<b>32 94 49</b>			<b>Plant and Tree Accessories</b> <small>(32 94)</small>		
32 94 49 00-0001			<b>Tree Guying</b> <small>(32 94 49)</small>		
32 94 49 00-0002			<b>Tree Guying, Stakes</b> <small>(32 94 49 00-0001)</small>		
			Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.		
32 94 49 00-0003	EA		Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap .....	27.54	
32 94 49 00-0004	EA		Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap .....	50.00	
32 94 49 00-0005	EA		Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap .....	85.92	
32 94 49 00-0006			<b>Tree Guying, Anchors</b> <small>(32 94 49 00-0001)</small>		
			Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.		
32 94 49 00-0007	EA		Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope .....	114.14	
32 94 49 00-0008	EA		Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope .....	153.77	
32 94 49 00-0009	EA		Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope .....	196.03	
32 94 49 00-0010	EA		Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope .....	254.62	
32 94 49 00-0011			<b>Tree Wrap</b> <small>(32 94 49)</small>		
32 94 49 00-0012	EA		Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree .....	7.97	
32 94 49 00-0013	EA		Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree .....	13.22	
32 94 49 00-0014	EA		Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree .....	26.14	
32 94 49 00-0015	EA		Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree .....	40.31	
32 94 49 00-0016			<b>Tree Guards</b> <small>(32 94 49)</small>		
32 94 49 00-0017	EA		3' Preformed Plastic Tree Guard .....	15.35	
32 94 49 00-0018	EA		2' Preformed Plastic Tree Guard .....	13.58	
32 94 49 00-0019			<b>Stake Out Tree And Shrub Locations</b> <small>(32 94 49)</small>		
			Note: When no design available.		
32 94 49 00-0020	EA		Stake Out Trees Or Shrubs .....	8.33	
32 94 49 00-0021			<b>Root Barriers</b> <small>(32 94 49)</small>		
32 94 49 00-0022	EA		12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner .....	13.50	
32 94 49 00-0023	EA		18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner .....	19.02	
32 94 49 00-0024	EA		24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner .....	22.44	
32 94 49 00-0025	EA		36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner .....	41.80	
32 94 49 00-0026	EA		48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner .....	57.66	

**32 96 Transplanting** (32 90)

See CSI section 32 94 49 00-0001 for guying.

**32 96 33 Shrub Transplanting** (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.



<b>Exterior Improvements</b>		<b>32</b>
Planting		32 90
Transplanting		32 96

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>32 96 33 00-0001</b>	<b>Moving Shrubs On Site, Relocate</b> <small>(32 96 33)</small>	
	Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.	
32 96 33 00-0002	EA Up To 18" Root Ball, Move Shrubs On Site .....	90.27
	For >25 To 50, Deduct	-9.03
	For >50, Deduct	-13.54
32 96 33 00-0003	EA >18" To 24" Root Ball, Move Shrubs On Site .....	122.13
	For >25 To 50, Deduct	-12.21
	For >50, Deduct	-18.32
32 96 33 00-0004	EA >24" To 30" Root Ball, Move Shrubs On Site .....	207.08
	For >25 To 50, Deduct	-20.71
	For >50, Deduct	-31.06
32 96 33 00-0005	EA >30" To 36" Root Ball, Move Shrubs On Site .....	318.59
	For >25 To 50, Deduct	-31.86
	For >50, Deduct	-47.79

### 32 96 43 Tree Transplanting (32 96)

Note: Includes digging up, moving on site, digging new hole and replanting.

<b>32 96 43 00-0001</b>	<b>Moving Trees On Site, Relocate</b> <small>(32 96 43)</small>	
	Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 32 94 49 00-0001 for guying.	
32 96 43 00-0002	EA Up To 24" Root Ball, Move Trees On Site .....	328.88
	For >5 To 10, Deduct	-16.44
	For >10 To 20, Deduct	-32.89
	For >20, Deduct	-49.33
32 96 43 00-0003	EA >24" To 30" Root Ball, Move Trees On Site .....	451.04
	For >5 To 10, Deduct	-22.55
	For >10 To 20, Deduct	-45.10
	For >20, Deduct	-67.66
32 96 43 00-0004	EA >30" To 36" Root Ball, Move Trees On Site .....	730.85
	For >5 To 10, Deduct	-36.54
	For >10 To 20, Deduct	-73.09
	For >20, Deduct	-109.63
32 96 43 00-0005	EA >36" To 48" Root Ball, Move Trees On Site .....	1,214.34
	For >5 To 10, Deduct	-60.72
	For >10 To 20, Deduct	-121.43
	For >20, Deduct	-182.15
32 96 43 00-0006	EA >48" To 60" Root Ball, Move Trees On Site .....	1,973.29
	For >5 To 10, Deduct	-98.66
	For >10 To 20, Deduct	-197.33
	For >20, Deduct	-295.99
32 96 43 00-0007	EA >60" To 72" Root Ball, Move Trees On Site .....	2,546.19
	For >5 To 10, Deduct	-127.31
	For >10 To 20, Deduct	-254.62
	For >20, Deduct	-381.93
32 96 43 00-0008	EA >72" To 84" Root Ball, Move Trees On Site .....	3,288.83
	For >5 To 10, Deduct	-164.44
	For >10 To 20, Deduct	-328.88
	For >20, Deduct	-493.32
32 96 43 00-0009	EA >84" To 96" Root Ball, Move Trees On Site .....	3,946.59
	For >5 To 10, Deduct	-197.33
	For >10 To 20, Deduct	-394.66
	For >20, Deduct	-591.99
32 96 43 00-0010	EA >96" To 120" Root Ball, Move Trees On Site .....	4,484.77
	For >5 To 10, Deduct	-224.24
	For >10 To 20, Deduct	-448.48
	For >20, Deduct	-672.72

**END OF SECTION 32**

32	<b>32</b>	<b>Exterior Improvements</b>
	32 90	Planting
	32 96	Transplanting



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

### 33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

#### 33 01 Operation and Maintenance of Utilities <sup>(33)</sup>

##### 33 01 30 Operation and Maintenance of Sewer Utilities <sup>(33 01)</sup>

##### 33 01 30 11 Television Inspection Of Pipelines <sup>(33 01 30)</sup>

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001	Remote Visual Inspection (RVI) Of Pipe Interior And Culverts <sup>(33 01 30 11)</sup>		
33 01 30 11-0002	Video Camera Set-up <sup>(33 01 30 11-0001)</sup>		
	Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet. Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).		
33 01 30 11-0003	EA Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert .....		937.53
33 01 30 11-0004	EA Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert.....		1,875.04
33 01 30 11-0005	EA Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert.....		2,812.57
33 01 30 11-0006	EA Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert.....		468.76
33 01 30 11-0007	EA Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert.....		937.53
33 01 30 11-0008	Video Camera Planning And Analysis Inspection <sup>(33 01 30 11-0001)</sup>		
	Note: For pipe interior and culverts.		
33 01 30 11-0009	LF 4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase.....		2.38
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.24
	For >1,000 To 5,000, Deduct		-0.60
	For >5,000, Deduct		-0.83
33 01 30 11-0010	LF >6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase.....		3.17
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.32
	For >1,000 To 5,000, Deduct		-0.79
	For >5,000, Deduct		-1.11
33 01 30 11-0011	LF >12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase.....		3.97
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.40
	For >1,000 To 5,000, Deduct		-0.99
	For >5,000, Deduct		-1.39
33 01 30 11-0012	LF >21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase.....		5.28
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.53
	For >1,000 To 5,000, Deduct		-1.32
	For >5,000, Deduct		-1.85
33 01 30 11-0013	LF >30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase.....		7.42
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.74
	For >1,000 To 5,000, Deduct		-1.86
	For >5,000, Deduct		-2.60
33 01 30 11-0014	LF >42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase.....		9.90
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.99
	For >1,000 To 5,000, Deduct		-2.48
	For >5,000, Deduct		-3.47
33 01 30 11-0015	LF >60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase.....		13.98
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-1.40
	For >1,000 To 5,000, Deduct		-3.50
	For >5,000, Deduct		-4.89
33 01 30 11-0016	LF >72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase.....		19.81
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-1.98
	For >1,000 To 5,000, Deduct		-4.95
	For >5,000, Deduct		-6.93
33 01 30 11-0017	Video Camera Pre-Rehab For Pipe Interior And Culverts <sup>(33 01 30 11-0001)</sup>		
33 01 30 11-0018	LF 4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase .....		3.52
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.35
	For >1,000 To 5,000, Deduct		-0.88
	For >5,000, Deduct		-1.23
33 01 30 11-0019	LF >6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase .....		4.69
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.47
	For >1,000 To 5,000, Deduct		-1.17
	For >5,000, Deduct		-1.64
33 01 30 11-0020	LF >12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase .....		5.86
	Note: CCTV inspection of pipe interior.		
	For >500 To 1,000, Deduct		-0.59
	For >1,000 To 5,000, Deduct		-1.47
	For >5,000, Deduct		-2.05



**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	11-0021	LF	>21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	7.81	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.78	
			For >1,000 To 5,000, Deduct	-1.95	
			For >5,000, Deduct	-2.73	
33 01 30	11-0022	LF	>30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	10.99	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.10	
			For >1,000 To 5,000, Deduct	-2.75	
			For >5,000, Deduct	-3.85	
33 01 30	11-0023	LF	>42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	14.64	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.46	
			For >1,000 To 5,000, Deduct	-3.66	
			For >5,000, Deduct	-5.12	
33 01 30	11-0024	LF	>60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	20.68	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-2.07	
			For >1,000 To 5,000, Deduct	-5.17	
			For >5,000, Deduct	-7.24	
33 01 30	11-0025	LF	>72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase.....	29.30	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-2.93	
			For >1,000 To 5,000, Deduct	-7.33	
			For >5,000, Deduct	-10.26	
<b>33 01 30</b>	<b>11-0026</b>		<b>Video Camera Post-Rehab For Pipe Interior And Culverts</b> (33 01 30 11-0001)		
33 01 30	11-0027	LF	4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	2.51	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.25	
			For >1,000 To 5,000, Deduct	-0.63	
			For >5,000, Deduct	-0.88	
33 01 30	11-0028	LF	>6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	3.34	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.33	
			For >1,000 To 5,000, Deduct	-0.84	
			For >5,000, Deduct	-1.17	
33 01 30	11-0029	LF	>12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	4.19	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.42	
			For >1,000 To 5,000, Deduct	-1.05	
			For >5,000, Deduct	-1.47	
33 01 30	11-0030	LF	>21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	5.58	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.56	
			For >1,000 To 5,000, Deduct	-1.40	
			For >5,000, Deduct	-1.95	
33 01 30	11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	7.85	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.79	
			For >1,000 To 5,000, Deduct	-1.96	
			For >5,000, Deduct	-2.75	
33 01 30	11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	10.46	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.05	
			For >1,000 To 5,000, Deduct	-2.62	
			For >5,000, Deduct	-3.66	
33 01 30	11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	14.77	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.48	
			For >1,000 To 5,000, Deduct	-3.69	
			For >5,000, Deduct	-5.17	
33 01 30	11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	20.93	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-2.09	
			For >1,000 To 5,000, Deduct	-5.23	
			For >5,000, Deduct	-7.33	
<b>33 01 30 41</b>			<b>Cleaning of Sewers</b> (33 01 30)		
33 01 30 41-0001			Pipe Line Cleaning And Flushing (33 01 30 41)		
			Note: Includes flushing. Owner provided water.		
33 01 30 41-0002			Pipe Line Cleaning (33 01 30 41-0001)		
			Note: Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0003			Hydro Jet Set-up And Reinsertion (33 01 30 41-0002)		
			Note: Includes mobilization delivery, set-up, clean-up after use and return.		
33 01 30 41-0004	EA		Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning.....	1,491.66	
33 01 30 41-0005	EA		Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning.....	2,237.49	
33 01 30 41-0006	EA		Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning.....	2,983.32	
33 01 30 41-0007	EA		Initial Set Up And Final Equipment Removal For >30" Jet Cleaning.....	3,977.76	
33 01 30 41-0008	EA		Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning.....	372.91	
33 01 30 41-0009	EA		Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning.....	559.37	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0010 EA Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning .....	745.83	
33 01 30 41-0011 EA Move And Reset Up At Different Access/Location For >30" Jet Cleaning .....	932.29	
<b>33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines</b> <small>(33 01 30 41-0002)</small>		
33 01 30 41-0013 LF Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	4.01	
<i>For &gt;250 To 500, Deduct</i>	-0.20	
<i>For &gt;500 To 1,000, Deduct</i>	-0.40	
<i>For &gt;1,000 To 2,000, Deduct</i>	-0.60	
<i>For &gt;2,000 To 5,000, Deduct</i>	-0.80	
<i>For &gt;5,000, Deduct</i>	-1.00	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	3.01	
33 01 30 41-0014 LF 6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes .....	4.60	
<i>For &gt;250 To 500, Deduct</i>	-0.23	
<i>For &gt;500 To 1,000, Deduct</i>	-0.46	
<i>For &gt;1,000 To 2,000, Deduct</i>	-0.69	
<i>For &gt;2,000 To 5,000, Deduct</i>	-0.92	
<i>For &gt;5,000, Deduct</i>	-1.15	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	3.45	
33 01 30 41-0015 LF 8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes .....	5.40	
<i>For &gt;250 To 500, Deduct</i>	-0.27	
<i>For &gt;500 To 1,000, Deduct</i>	-0.54	
<i>For &gt;1,000 To 2,000, Deduct</i>	-0.81	
<i>For &gt;2,000 To 5,000, Deduct</i>	-1.08	
<i>For &gt;5,000, Deduct</i>	-1.35	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	4.05	
33 01 30 41-0016 LF 10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes .....	6.68	
<i>For &gt;250 To 500, Deduct</i>	-0.33	
<i>For &gt;500 To 1,000, Deduct</i>	-0.67	
<i>For &gt;1,000 To 2,000, Deduct</i>	-1.00	
<i>For &gt;2,000 To 5,000, Deduct</i>	-1.34	
<i>For &gt;5,000, Deduct</i>	-1.67	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	5.01	
33 01 30 41-0017 LF 12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes .....	7.58	
<i>For &gt;250 To 500, Deduct</i>	-0.38	
<i>For &gt;500 To 1,000, Deduct</i>	-0.76	
<i>For &gt;1,000 To 2,000, Deduct</i>	-1.14	
<i>For &gt;2,000 To 5,000, Deduct</i>	-1.52	
<i>For &gt;5,000, Deduct</i>	-1.90	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	5.69	
33 01 30 41-0018 LF >12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	8.75	
<i>For &gt;250 To 500, Deduct</i>	-0.44	
<i>For &gt;500 To 1,000, Deduct</i>	-0.88	
<i>For &gt;1,000 To 2,000, Deduct</i>	-1.31	
<i>For &gt;2,000 To 5,000, Deduct</i>	-1.75	
<i>For &gt;5,000, Deduct</i>	-2.19	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	6.56	
33 01 30 41-0019 LF >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	10.53	
<i>For &gt;250 To 500, Deduct</i>	-0.53	
<i>For &gt;500 To 1,000, Deduct</i>	-1.05	
<i>For &gt;1,000 To 2,000, Deduct</i>	-1.58	
<i>For &gt;2,000 To 5,000, Deduct</i>	-2.11	
<i>For &gt;5,000, Deduct</i>	-2.63	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	7.90	
33 01 30 41-0020 LF >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	11.95	
<i>For &gt;250 To 500, Deduct</i>	-0.60	
<i>For &gt;500 To 1,000, Deduct</i>	-1.20	
<i>For &gt;1,000 To 2,000, Deduct</i>	-1.79	
<i>For &gt;2,000 To 5,000, Deduct</i>	-2.39	
<i>For &gt;5,000, Deduct</i>	-2.99	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	8.96	
33 01 30 41-0021 LF >30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	14.13	
<i>For &gt;250 To 500, Deduct</i>	-0.71	
<i>For &gt;500 To 1,000, Deduct</i>	-1.41	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.12	
<i>For &gt;2,000 To 5,000, Deduct</i>	-2.83	
<i>For &gt;5,000, Deduct</i>	-3.53	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	10.60	
33 01 30 41-0022 LF >42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	17.75	
<i>For &gt;250 To 500, Deduct</i>	-0.89	
<i>For &gt;500 To 1,000, Deduct</i>	-1.78	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.66	
<i>For &gt;2,000 To 5,000, Deduct</i>	-3.55	
<i>For &gt;5,000, Deduct</i>	-4.44	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	13.31	
33 01 30 41-0023 LF >60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes .....	20.71	
<i>For &gt;250 To 500, Deduct</i>	-1.04	
<i>For &gt;500 To 1,000, Deduct</i>	-2.07	
<i>For &gt;1,000 To 2,000, Deduct</i>	-3.11	
<i>For &gt;2,000 To 5,000, Deduct</i>	-4.14	
<i>For &gt;5,000, Deduct</i>	-5.18	
<i>For Heavy Cleaning, &gt;4 Passes (Includes Attached Mechanical Device), Add</i>	15.53	
<b>33 01 30 41-0024 Flushing Of Storm Water Pipelines</b> <small>(33 01 30 41-0002)</small>		
<i>Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.</i>		

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0025	LF		12" To 16" Diameter Pipe Line Flushing .....	1.71	
			<i>For &gt;250 To 500, Deduct</i>	-0.09	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.17	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.26	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.34	
			<i>For &gt;5,000, Deduct</i>	-0.43	
33 01 30 41-0026	LF		>16" To 24" Diameter Pipe Line Flushing .....	1.96	
			<i>For &gt;250 To 500, Deduct</i>	-0.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.20	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.29	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.39	
			<i>For &gt;5,000, Deduct</i>	-0.49	
33 01 30 41-0027	LF		>24" To 30" Diameter Pipe Line Flushing .....	2.30	
			<i>For &gt;250 To 500, Deduct</i>	-0.12	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.23	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.35	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.46	
			<i>For &gt;5,000, Deduct</i>	-0.58	
33 01 30 41-0028	LF		>30" To 42" Diameter Pipe Line Flushing .....	2.65	
			<i>For &gt;250 To 500, Deduct</i>	-0.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.27	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.40	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.53	
			<i>For &gt;5,000, Deduct</i>	-0.66	
33 01 30 41-0029	LF		>42" To 60" Diameter Pipe Line Flushing .....	3.53	
			<i>For &gt;250 To 500, Deduct</i>	-0.18	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.35	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.53	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.71	
			<i>For &gt;5,000, Deduct</i>	-0.88	
33 01 30 41-0030			<b>Hydro Jet Cleaning Of Culverts</b> (33 01 30 41-0002) .....		
33 01 30 41-0031	LF		Jet Cleaning Of Culvert, 0-250 LF .....	18.55	
			<i>For &gt;250 To 500, Deduct</i>	-0.93	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.86	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.78	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.71	
			<i>For &gt;5,000, Deduct</i>	-4.64	
33 01 30 41-0032			<b>Pipe Line Auguring/Rod Out Pipe</b> (33 01 30 41-0001) .....		
33 01 30 41-0033	EA		Initial Set Up And Final Equipment Removal For Auguring.....	1,403.43	
33 01 30 41-0034	EA		Move And Reset Up At Different Location .....	467.81	
33 01 30 41-0035	LF		Up To 4" Diameter Pipe Line Auguring/Rod Out.....	4.67	
			<i>For &gt;250 To 500, Deduct</i>	-0.23	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.47	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.70	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-0.93	
			<i>For &gt;5,000, Deduct</i>	-1.17	
33 01 30 41-0036	LF		6" Diameter Pipe Line Auguring/Rod Out .....	6.05	
			<i>For &gt;250 To 500, Deduct</i>	-0.30	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.61	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.91	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-1.21	
			<i>For &gt;5,000, Deduct</i>	-1.51	
33 01 30 41-0037	LF		8" Diameter Pipe Line Auguring/Rod Out .....	7.02	
			<i>For &gt;250 To 500, Deduct</i>	-0.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.70	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.05	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-1.40	
			<i>For &gt;5,000, Deduct</i>	-1.76	
33 01 30 41-0038	LF		10" Diameter Pipe Line Auguring/Rod Out .....	8.16	
			<i>For &gt;250 To 500, Deduct</i>	-0.41	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.82	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.22	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-1.63	
			<i>For &gt;5,000, Deduct</i>	-2.04	
33 01 30 41-0039	LF		12" Diameter Pipe Line Auguring/Rod Out .....	8.77	
			<i>For &gt;250 To 500, Deduct</i>	-0.44	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.88	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.32	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-1.75	
			<i>For &gt;5,000, Deduct</i>	-2.19	
33 01 30 41-0040	LF		>12" To 16" Diameter Pipe Line Auguring/Rod Out .....	10.03	
			<i>For &gt;250 To 500, Deduct</i>	-0.50	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.00	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.50	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.01	
			<i>For &gt;5,000, Deduct</i>	-2.51	
33 01 30 41-0041	LF		>16" To 24" Diameter Pipe Line Auguring/Rod Out .....	12.31	
			<i>For &gt;250 To 500, Deduct</i>	-0.62	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.23	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.85	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.46	
			<i>For &gt;5,000, Deduct</i>	-3.08	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0042 LF >24" To 30" Diameter Pipe Line Auguring/Rod Out.....	13.76	
<i>For &gt;250 To 500, Deduct</i>	-0.69	
<i>For &gt;500 To 1,000, Deduct</i>	-1.38	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.06	
<i>For &gt;2,000 To 5,000, Deduct</i>	-2.75	
<i>For &gt;5,000, Deduct</i>	-3.44	
33 01 30 41-0043 LF >30" To 42" Diameter Pipe Line Auguring/Rod Out.....	15.95	
<i>For &gt;250 To 500, Deduct</i>	-0.80	
<i>For &gt;500 To 1,000, Deduct</i>	-1.60	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.39	
<i>For &gt;2,000 To 5,000, Deduct</i>	-3.19	
<i>For &gt;5,000, Deduct</i>	-3.99	
33 01 30 41-0044 LF >42 To 60" Diameter Pipe Line Auguring/Rod Out.....	21.93	
<i>For &gt;250 To 500, Deduct</i>	-1.10	
<i>For &gt;500 To 1,000, Deduct</i>	-2.19	
<i>For &gt;1,000 To 2,000, Deduct</i>	-3.29	
<i>For &gt;2,000 To 5,000, Deduct</i>	-4.39	
<i>For &gt;5,000, Deduct</i>	-5.48	
33 01 30 41-0045 LF >60" Diameter Pipe Line Auguring/Rod Out.....	23.39	
<i>For &gt;250 To 500, Deduct</i>	-1.17	
<i>For &gt;500 To 1,000, Deduct</i>	-2.34	
<i>For &gt;1,000 To 2,000, Deduct</i>	-3.51	
<i>For &gt;2,000 To 5,000, Deduct</i>	-4.68	
<i>For &gt;5,000, Deduct</i>	-5.85	
<b>33 01 30 42     Cleaning of Manholes (33 01 30)</b>		
33 01 30 42-0001     Structure Cleaning And Flushing (33 01 30 42)		
Note: Includes flushing. Owner provided water.		
33 01 30 42-0002     Rod Out Structures And Other Hand Operations (33 01 30 42-0001)		
33 01 30 42-0003 EA Rod Out Waste Water Drain.....	54.16	
33 01 30 42-0004 EA Rod Out Sewer Catch Basin.....	108.34	
33 01 30 42-0005 EA Up To 6" Diameter Pipe, Rod Out Blockage.....	21.66	
33 01 30 42-0006 EA 8" Diameter Pipe, Rod Out Blockage.....	23.83	
33 01 30 42-0007 EA 10" Diameter Pipe, Rod Out Blockage.....	27.08	
33 01 30 42-0008 EA 12" Diameter Pipe, Rod Out Blockage.....	31.42	
33 01 30 42-0009 EA >12" To 16" Diameter Pipe, Rod Out Blockage.....	36.84	
33 01 30 42-0010 EA >16" To 24" Diameter Pipe, Rod Out Blockage.....	43.34	
33 01 30 42-0011 EA >24" To 30" Diameter Pipe, Rod Out Blockage.....	50.92	
33 01 30 42-0012 EA >30" To 42" Diameter Pipe, Rod Out Blockage.....	58.50	
33 01 30 42-0013 EA >42" To 60" Diameter Pipe, Rod Out Blockage.....	68.25	
33 01 30 42-0014 EA >60" Diameter Pipe, Rod Out Blockage.....	81.26	
33 01 30 42-0015 EA Clean Out Debris From Entrance To Inlet Structure.....	270.84	
33 01 30 42-0016 EA 3' To 4' Diameter, Clean Out Blocked Manhole By Hand.....	1,057.64	
<i>For &gt;10 To 100, Deduct</i>	-158.65	
<i>For &gt;100 To 250, Deduct</i>	-237.97	
<i>For &gt;250, Deduct</i>	-317.29	
33 01 30 42-0017 EA 5' To 6' Diameter, Clean Out Blocked Manhole By Hand.....	1,269.16	
<i>For &gt;10 To 100, Deduct</i>	-190.37	
<i>For &gt;100 To 250, Deduct</i>	-285.56	
<i>For &gt;250, Deduct</i>	-380.75	
33 01 30 42-0018 EA Clean Out Blocked Catch Basin By Hand.....	634.58	
<i>For &gt;10 To 100, Deduct</i>	-95.19	
<i>For &gt;100 To 250, Deduct</i>	-142.78	
<i>For &gt;250, Deduct</i>	-190.37	
33 01 30 42-0019     Cleaning Manholes And Drainage Structures With Jet/Vacuum (33 01 30 42-0001)		
Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.		
33 01 30 42-0020 EA Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes.....	286.75	
33 01 30 42-0021 EA Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes.....	266.79	
33 01 30 42-0022 EA Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes.....	246.83	
33 01 30 42-0023 EA Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes.....	226.87	
33 01 30 42-0024 EA Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes.....	206.91	
33 01 30 42-0025 EA Jet/Vacuum Clean >250 Catch Basins Or Manholes.....	186.95	
<b>33 01 30 71     Relining Sewers (33 01 30)</b>		
33 01 30 71-0001     Relining Underground Pipelines (33 01 30 71)		
Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hour response for owners' backups. See CSI section 01 22 20 00-0000 for hourly rates for after hours response for homeowners backups, 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV Inspection, 33 01 30 41-0002 for sewer cleaning.		
<b>33 01 30 72     Cured-in-Place Pipe Lining (33 01 30)</b>		
33 01 30 72-0001     Cured-In-Place Pipe (CIPP) Relining Underground Pipelines (33 01 30 72)		
Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 72-0002     Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion (33 01 30 72-0001)		

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 01 30 72-0003	EA		Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,646.98	
33 01 30 72-0004	EA		Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,744.97	
33 01 30 72-0005	EA		Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	4,117.46	
33 01 30 72-0006	EA		Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	5,489.94	
33 01 30 72-0007	EA		Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	823.49	
33 01 30 72-0008	EA		Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,372.48	
33 01 30 72-0009	EA		Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,715.60	
33 01 30 72-0010	EA		Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,195.97	
33 01 30 72-0011	EA		Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP)..... Note: Need to mix wet material in bag prior to installation.	1,372.48	
33 01 30 72-0012	EA		Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP)..... Note: Need to mix wet material in bag prior to installation.	3,293.96	
33 01 30 72-0013	EA		Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP)..... Note: Need to mix wet material in bag prior to installation.	5,489.94	
33 01 30 72-0014	EA		Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP)..... Note: Need to mix wet material in bag prior to installation.	8,234.91	

**33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP)**

(33 01 30 72-0001)

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.

**33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe**

(33 01 30 72-0015)

33 01 30 72-0017	LF		4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	23.92	
			For Vinylester Resin, Add	6.66	
			For Epoxy Resin, Add	0.78	
			For Up To >10, Add	47.99	
			For >10 To 25, Add	38.40	
			For >25 To 50, Add	23.52	
			For >50 To 100, Add	11.76	
			For >500 To 1,000, Deduct	-1.56	
			For >1,000 To 2,000, Deduct	-2.51	
			For >2,000 To 5,000, Deduct	-4.74	
			For >5,000, Deduct	-7.67	
33 01 30 72-0018	LF		4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	29.13	
			For Vinylester Resin, Add	10.30	
			For Epoxy Resin, Add	1.21	
			For Up To >10, Add	50.59	
			For >10 To 25, Add	39.71	
			For >25 To 50, Add	24.56	
			For >50 To 100, Add	12.28	
			For >500 To 1,000, Deduct	-1.82	
			For >1,000 To 2,000, Deduct	-2.91	
			For >2,000 To 5,000, Deduct	-5.37	
			For >5,000, Deduct	-8.71	
33 01 30 72-0019	LF		4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	34.35	
			For Vinylester Resin, Add	13.96	
			For Epoxy Resin, Add	1.65	
			For Up To >10, Add	53.20	
			For >10 To 25, Add	41.01	
			For >25 To 50, Add	25.60	
			For >50 To 100, Add	12.80	
			For >500 To 1,000, Deduct	-2.08	
			For >1,000 To 2,000, Deduct	-3.30	
			For >2,000 To 5,000, Deduct	-6.00	
			For >5,000, Deduct	-9.75	
33 01 30 72-0020	LF		4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	46.16	
			For Vinylester Resin, Add	21.26	
			For Epoxy Resin, Add	2.51	
			For Up To >10, Add	62.56	
			For >10 To 25, Add	47.07	
			For >25 To 50, Add	29.76	
			For >50 To 100, Add	14.88	
			For >500 To 1,000, Deduct	-2.70	
			For >1,000 To 2,000, Deduct	-4.25	
			For >2,000 To 5,000, Deduct	-7.59	
			For >5,000, Deduct	-12.39	
33 01 30 72-0021	LF		4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	57.97	
			For Vinylester Resin, Add	28.57	
			For Epoxy Resin, Add	3.37	
			For Up To >10, Add	71.89	
			For >10 To 25, Add	53.10	
			For >25 To 50, Add	33.90	
			For >50 To 100, Add	16.95	
			For >500 To 1,000, Deduct	-3.33	
			For >1,000 To 2,000, Deduct	-5.21	
			For >2,000 To 5,000, Deduct	-9.19	
			For >5,000, Deduct	-15.03	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST

<b>33 01 30 72-0022    6mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0023	LF    6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	40.59
	For Vinlyester Resin, Add	18.33
	For Epoxy Resin, Add	2.16
	For Up To >10, Add	56.32
	For >10 To 25, Add	42.57
	For >25 To 50, Add	26.85
	For >50 To 100, Add	13.43
	For >500 To 1,000, Deduct	-2.39
	For >1,000 To 2,000, Deduct	-3.76
	For >2,000 To 5,000, Deduct	-6.74
	For >5,000, Deduct	-11.00
33 01 30 72-0024	LF    6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	55.88
	For Vinlyester Resin, Add	28.06
	For Epoxy Resin, Add	3.31
	For Up To >10, Add	67.42
	For >10 To 25, Add	49.50
	For >25 To 50, Add	31.70
	For >50 To 100, Add	15.85
	For >500 To 1,000, Deduct	-3.19
	For >1,000 To 2,000, Deduct	-4.98
	For >2,000 To 5,000, Deduct	-8.76
	For >5,000, Deduct	-14.33
33 01 30 72-0025	LF    6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	71.16
	For Vinlyester Resin, Add	37.80
	For Epoxy Resin, Add	4.46
	For Up To >10, Add	78.48
	For >10 To 25, Add	56.40
	For >25 To 50, Add	36.54
	For >50 To 100, Add	18.27
	For >500 To 1,000, Deduct	-3.99
	For >1,000 To 2,000, Deduct	-6.20
	For >2,000 To 5,000, Deduct	-10.77
	For >5,000, Deduct	-17.66
33 01 30 72-0026	LF    6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	86.58
	For Vinlyester Resin, Add	47.54
	For Epoxy Resin, Add	5.60
	For Up To >10, Add	89.97
	For >10 To 25, Add	63.65
	For >25 To 50, Add	41.59
	For >50 To 100, Add	20.79
	For >500 To 1,000, Deduct	-4.80
	For >1,000 To 2,000, Deduct	-7.43
	For >2,000 To 5,000, Deduct	-12.82
	For >5,000, Deduct	-21.05
33 01 30 72-0027	LF    6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	102.40
	For Vinlyester Resin, Add	57.27
	For Epoxy Resin, Add	6.75
	For Up To >10, Add	102.65
	For >10 To 25, Add	71.91
	For >25 To 50, Add	47.23
	For >50 To 100, Add	23.62
	For >500 To 1,000, Deduct	-5.63
	For >1,000 To 2,000, Deduct	-8.71
	For >2,000 To 5,000, Deduct	-14.96
	For >5,000, Deduct	-24.60

<b>33 01 30 72-0028    7.5mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0029	LF    7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	46.62
	For Vinlyester Resin, Add	22.55
	For Epoxy Resin, Add	2.66
	For Up To >10, Add	59.34
	For >10 To 25, Add	44.08
	For >25 To 50, Add	28.06
	For >50 To 100, Add	14.03
	For >500 To 1,000, Deduct	-2.69
	For >1,000 To 2,000, Deduct	-4.22
	For >2,000 To 5,000, Deduct	-7.47
	For >5,000, Deduct	-12.21
33 01 30 72-0030	LF    7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	65.38
	For Vinlyester Resin, Add	34.71
	For Epoxy Resin, Add	4.09
	For Up To >10, Add	72.17
	For >10 To 25, Add	51.87
	For >25 To 50, Add	33.60
	For >50 To 100, Add	16.80
	For >500 To 1,000, Deduct	-3.66
	For >1,000 To 2,000, Deduct	-5.69
	For >2,000 To 5,000, Deduct	-9.90
	For >5,000, Deduct	-16.23

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0031	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	84.14	
			For Vinlyester Resin, Add	46.89	
			For Epoxy Resin, Add	5.53	
			For Up To >10, Add	84.97	
			For >10 To 25, Add	59.65	
			For >25 To 50, Add	39.14	
			For >50 To 100, Add	19.57	
			For >500 To 1,000, Deduct	-4.64	
			For >1,000 To 2,000, Deduct	-7.17	
			For >2,000 To 5,000, Deduct	-12.33	
			For >5,000, Deduct	-20.26	
33 01 30	72-0032	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	103.04	
			For Vinlyester Resin, Add	59.06	
			For Epoxy Resin, Add	6.96	
			For Up To >10, Add	98.20	
			For >10 To 25, Add	67.77	
			For >25 To 50, Add	44.88	
			For >50 To 100, Add	22.44	
			For >500 To 1,000, Deduct	-5.62	
			For >1,000 To 2,000, Deduct	-8.66	
			For >2,000 To 5,000, Deduct	-14.79	
			For >5,000, Deduct	-24.34	
33 01 30	72-0033	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	122.33	
			For Vinlyester Resin, Add	71.23	
			For Epoxy Resin, Add	8.39	
			For Up To >10, Add	112.62	
			For >10 To 25, Add	76.89	
			For >25 To 50, Add	51.22	
			For >50 To 100, Add	25.61	
			For >500 To 1,000, Deduct	-6.63	
			For >1,000 To 2,000, Deduct	-10.20	
			For >2,000 To 5,000, Deduct	-17.36	
			For >5,000, Deduct	-28.58	
33 01 30	72-0034	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	151.17	
			For Vinlyester Resin, Add	89.49	
			For Epoxy Resin, Add	10.55	
			For Up To >10, Add	133.91	
			For >10 To 25, Add	90.29	
			For >25 To 50, Add	60.56	
			For >50 To 100, Add	30.28	
			For >500 To 1,000, Deduct	-8.14	
			For >1,000 To 2,000, Deduct	-12.50	
			For >2,000 To 5,000, Deduct	-21.17	
			For >5,000, Deduct	-34.90	
33 01 30	72-0035	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	180.26	
			For Vinlyester Resin, Add	107.74	
			For Epoxy Resin, Add	12.70	
			For Up To >10, Add	156.01	
			For >10 To 25, Add	104.35	
			For >25 To 50, Add	70.31	
			For >50 To 100, Add	35.15	
			For >500 To 1,000, Deduct	-9.67	
			For >1,000 To 2,000, Deduct	-14.84	
			For >2,000 To 5,000, Deduct	-25.06	
			For >5,000, Deduct	-41.32	
<b>33 01 30</b>	<b>72-0036</b>		<b>9mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small></b>		
33 01 30	72-0037	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	74.68	
			For Vinlyester Resin, Add	41.22	
			For Epoxy Resin, Add	4.86	
			For Up To >10, Add	76.82	
			For >10 To 25, Add	54.20	
			For >25 To 50, Add	35.46	
			For >50 To 100, Add	17.73	
			For >500 To 1,000, Deduct	-4.13	
			For >1,000 To 2,000, Deduct	-6.39	
			For >2,000 To 5,000, Deduct	-11.01	
			For >5,000, Deduct	-18.09	
33 01 30	72-0038	LF	9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	96.92	
			For Vinlyester Resin, Add	55.83	
			For Epoxy Resin, Add	6.58	
			For Up To >10, Add	91.36	
			For >10 To 25, Add	62.84	
			For >25 To 50, Add	41.69	
			For >50 To 100, Add	20.85	
			For >500 To 1,000, Deduct	-5.28	
			For >1,000 To 2,000, Deduct	-8.13	
			For >2,000 To 5,000, Deduct	-13.86	
			For >5,000, Deduct	-22.82	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0039 LF 9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	119.30	
For Vinylster Resin, Add	70.44	
For Epoxy Resin, Add	8.30	
For Up To >10, Add	106.33	
For >10 To 25, Add	71.83	
For >25 To 50, Add	48.13	
For >50 To 100, Add	24.07	
For >500 To 1,000, Deduct	-6.43	
For >1,000 To 2,000, Deduct	-9.88	
For >2,000 To 5,000, Deduct	-16.74	
For >5,000, Deduct	-27.59	
33 01 30 72-0040 LF 9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	142.07	
For Vinylster Resin, Add	85.04	
For Epoxy Resin, Add	10.02	
For Up To >10, Add	122.49	
For >10 To 25, Add	81.82	
For >25 To 50, Add	55.17	
For >50 To 100, Add	27.58	
For >500 To 1,000, Deduct	-7.62	
For >1,000 To 2,000, Deduct	-11.68	
For >2,000 To 5,000, Deduct	-19.72	
For >5,000, Deduct	-32.53	
33 01 30 72-0041 LF 9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	176.12	
For Vinylster Resin, Add	106.95	
For Epoxy Resin, Add	12.61	
For Up To >10, Add	146.39	
For >10 To 25, Add	96.52	
For >25 To 50, Add	65.55	
For >50 To 100, Add	32.78	
For >500 To 1,000, Deduct	-9.39	
For >1,000 To 2,000, Deduct	-14.38	
For >2,000 To 5,000, Deduct	-24.17	
For >5,000, Deduct	-39.89	
33 01 30 72-0042 LF 9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	210.43	
For Vinylster Resin, Add	128.86	
For Epoxy Resin, Add	15.19	
For Up To >10, Add	171.09	
For >10 To 25, Add	111.90	
For >25 To 50, Add	76.34	
For >50 To 100, Add	38.17	
For >500 To 1,000, Deduct	-11.18	
For >1,000 To 2,000, Deduct	-17.10	
For >2,000 To 5,000, Deduct	-28.68	
For >5,000, Deduct	-47.36	
33 01 30 72-0043 LF 9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	243.92	
For Vinylster Resin, Add	150.77	
For Epoxy Resin, Add	17.77	
For Up To >10, Add	193.31	
For >10 To 25, Add	125.20	
For >25 To 50, Add	85.89	
For >50 To 100, Add	42.94	
For >500 To 1,000, Deduct	-12.91	
For >1,000 To 2,000, Deduct	-19.72	
For >2,000 To 5,000, Deduct	-32.98	
For >5,000, Deduct	-54.49	
33 01 30 72-0044 LF 9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	277.84	
For Vinylster Resin, Add	172.68	
For Epoxy Resin, Add	20.35	
For Up To >10, Add	216.82	
For >10 To 25, Add	139.57	
For >25 To 50, Add	96.08	
For >50 To 100, Add	48.04	
For >500 To 1,000, Deduct	-14.67	
For >1,000 To 2,000, Deduct	-22.40	
For >2,000 To 5,000, Deduct	-37.39	
For >5,000, Deduct	-61.80	
<b>33 01 30 72-0045 10.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30 72-0046 LF 10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	200.86	
For Vinylster Resin, Add	124.27	
For Epoxy Resin, Add	14.65	
For Up To >10, Add	158.76	
For >10 To 25, Add	102.71	
For >25 To 50, Add	70.50	
For >50 To 100, Add	35.25	
For >500 To 1,000, Deduct	-10.63	
For >1,000 To 2,000, Deduct	-16.23	
For >2,000 To 5,000, Deduct	-27.14	
For >5,000, Deduct	-44.84	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0047	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	240.39	
			For Vinlyester Resin, Add	149.83	
			For Epoxy Resin, Add	17.66	
			For Up To >10, Add	186.07	
			For >10 To 25, Add	119.39	
			For >25 To 50, Add	82.33	
			For >50 To 100, Add	41.17	
			For >500 To 1,000, Deduct	-12.68	
			For >1,000 To 2,000, Deduct	-19.35	
			For >2,000 To 5,000, Deduct	-32.27	
			For >5,000, Deduct	-53.35	
33 01 30	72-0048	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	279.10	
			For Vinlyester Resin, Add	175.39	
			For Epoxy Resin, Add	20.67	
			For Up To >10, Add	210.90	
			For >10 To 25, Add	133.99	
			For >25 To 50, Add	92.92	
			For >50 To 100, Add	46.46	
			For >500 To 1,000, Deduct	-14.67	
			For >1,000 To 2,000, Deduct	-22.36	
			For >2,000 To 5,000, Deduct	-37.20	
			For >5,000, Deduct	-61.53	
33 01 30	72-0049	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	318.23	
			For Vinlyester Resin, Add	200.95	
			For Epoxy Resin, Add	23.68	
			For Up To >10, Add	237.02	
			For >10 To 25, Add	149.67	
			For >25 To 50, Add	104.15	
			For >50 To 100, Add	52.08	
			For >500 To 1,000, Deduct	-16.69	
			For >1,000 To 2,000, Deduct	-25.43	
			For >2,000 To 5,000, Deduct	-42.24	
			For >5,000, Deduct	-69.88	
33 01 30	72-0050	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	357.89	
			For Vinlyester Resin, Add	226.51	
			For Epoxy Resin, Add	26.70	
			For Up To >10, Add	264.72	
			For >10 To 25, Add	166.67	
			For >25 To 50, Add	116.18	
			For >50 To 100, Add	58.09	
			For >500 To 1,000, Deduct	-18.75	
			For >1,000 To 2,000, Deduct	-28.56	
			For >2,000 To 5,000, Deduct	-47.41	
			For >5,000, Deduct	-78.44	
33 01 30	72-0051	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	398.26	
			For Vinlyester Resin, Add	252.07	
			For Epoxy Resin, Add	29.71	
			For Up To >10, Add	294.53	
			For >10 To 25, Add	185.43	
			For >25 To 50, Add	129.26	
			For >50 To 100, Add	64.63	
			For >500 To 1,000, Deduct	-20.87	
			For >1,000 To 2,000, Deduct	-31.78	
			For >2,000 To 5,000, Deduct	-52.75	
			For >5,000, Deduct	-87.28	
33 01 30	72-0052	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	476.08	
			For Vinlyester Resin, Add	303.18	
			For Epoxy Resin, Add	35.73	
			For Up To >10, Add	345.44	
			For >10 To 25, Add	215.68	
			For >25 To 50, Add	151.06	
			For >50 To 100, Add	75.53	
			For >500 To 1,000, Deduct	-24.88	
			For >1,000 To 2,000, Deduct	-37.85	
			For >2,000 To 5,000, Deduct	-62.71	
			For >5,000, Deduct	-103.81	
33 01 30	72-0053		12mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small> .....	225.40	
33 01 30	72-0054	LF	12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	225.40	
			For Vinlyester Resin, Add	141.45	
			For Epoxy Resin, Add	16.67	
			For Up To >10, Add	171.03	
			For >10 To 25, Add	108.84	
			For >25 To 50, Add	75.41	
			For >50 To 100, Add	37.70	
			For >500 To 1,000, Deduct	-11.85	
			For >1,000 To 2,000, Deduct	-18.07	
			For >2,000 To 5,000, Deduct	-30.08	
			For >5,000, Deduct	-49.75	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0055 LF 12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	270.15	
For Vinylster Resin, Add	170.66	
For Epoxy Resin, Add	20.11	
For Up To >10, Add	200.95	
For >10 To 25, Add	126.83	
For >25 To 50, Add	88.29	
For >50 To 100, Add	44.14	
For >500 To 1,000, Deduct	-14.17	
For >1,000 To 2,000, Deduct	-21.58	
For >2,000 To 5,000, Deduct	-35.84	
For >5,000, Deduct	-59.30	
33 01 30 72-0056 LF 12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	314.07	
For Vinylster Resin, Add	199.87	
For Epoxy Resin, Add	23.56	
For Up To >10, Add	228.39	
For >10 To 25, Add	142.73	
For >25 To 50, Add	99.92	
For >50 To 100, Add	49.96	
For >500 To 1,000, Deduct	-16.42	
For >1,000 To 2,000, Deduct	-24.98	
For >2,000 To 5,000, Deduct	-41.40	
For >5,000, Deduct	-68.52	
33 01 30 72-0057 LF 12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	358.42	
For Vinylster Resin, Add	229.08	
For Epoxy Resin, Add	27.00	
For Up To >10, Add	257.11	
For >10 To 25, Add	159.72	
For >25 To 50, Add	112.19	
For >50 To 100, Add	56.10	
For >500 To 1,000, Deduct	-18.70	
For >1,000 To 2,000, Deduct	-28.44	
For >2,000 To 5,000, Deduct	-47.06	
For >5,000, Deduct	-77.92	
33 01 30 72-0058 LF 12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	403.30	
For Vinylster Resin, Add	258.29	
For Epoxy Resin, Add	30.44	
For Up To >10, Add	287.43	
For >10 To 25, Add	178.02	
For >25 To 50, Add	125.26	
For >50 To 100, Add	62.63	
For >500 To 1,000, Deduct	-21.02	
For >1,000 To 2,000, Deduct	-31.96	
For >2,000 To 5,000, Deduct	-52.86	
For >5,000, Deduct	-87.52	
33 01 30 72-0059 LF 12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	448.88	
For Vinylster Resin, Add	287.50	
For Epoxy Resin, Add	33.88	
For Up To >10, Add	319.84	
For >10 To 25, Add	198.08	
For >25 To 50, Add	139.38	
For >50 To 100, Add	69.69	
For >500 To 1,000, Deduct	-23.40	
For >1,000 To 2,000, Deduct	-35.57	
For >2,000 To 5,000, Deduct	-58.83	
For >5,000, Deduct	-97.41	
33 01 30 72-0060 LF 12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	537.14	
For Vinylster Resin, Add	345.93	
For Epoxy Resin, Add	40.77	
For Up To >10, Add	375.97	
For >10 To 25, Add	230.95	
For >25 To 50, Add	163.28	
For >50 To 100, Add	81.64	
For >500 To 1,000, Deduct	-27.93	
For >1,000 To 2,000, Deduct	-42.43	
For >2,000 To 5,000, Deduct	-70.04	
For >5,000, Deduct	-116.02	
33 01 30 72-0061 LF 12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	626.63	
For Vinylster Resin, Add	404.34	
For Epoxy Resin, Add	47.65	
For Up To >10, Add	435.82	
For >10 To 25, Add	266.91	
For >25 To 50, Add	189.03	
For >50 To 100, Add	94.51	
For >500 To 1,000, Deduct	-32.56	
For >1,000 To 2,000, Deduct	-49.45	
For >2,000 To 5,000, Deduct	-81.57	
For >5,000, Deduct	-135.13	



**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0062 LF 12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	718.32	
For Vinlyester Resin, Add	462.76	
For Epoxy Resin, Add	54.54	
For Up To >10, Add	502.24	
For >10 To 25, Add	308.35	
For >25 To 50, Add	218.06	
For >50 To 100, Add	109.03	
For >500 To 1,000, Deduct	-37.35	
For >1,000 To 2,000, Deduct	-56.74	
For >2,000 To 5,000, Deduct	-93.64	
For >5,000, Deduct	-155.11	
<b>33 01 30 72-0063 13.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30 72-0064 LF 13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	249.73	
For Vinlyester Resin, Add	158.48	
For Epoxy Resin, Add	18.68	
For Up To >10, Add	183.19	
For >10 To 25, Add	114.93	
For >25 To 50, Add	80.28	
For >50 To 100, Add	40.14	
For >500 To 1,000, Deduct	-13.07	
For >1,000 To 2,000, Deduct	-19.90	
For >2,000 To 5,000, Deduct	-33.00	
For >5,000, Deduct	-54.61	
33 01 30 72-0065 LF 13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	299.71	
For Vinlyester Resin, Add	191.35	
For Epoxy Resin, Add	22.55	
For Up To >10, Add	215.73	
For >10 To 25, Add	134.22	
For >25 To 50, Add	94.20	
For >50 To 100, Add	47.10	
For >500 To 1,000, Deduct	-15.64	
For >1,000 To 2,000, Deduct	-23.80	
For >2,000 To 5,000, Deduct	-39.39	
For >5,000, Deduct	-65.21	
33 01 30 72-0066 LF 13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	348.84	
For Vinlyester Resin, Add	224.21	
For Epoxy Resin, Add	26.42	
For Up To >10, Add	245.77	
For >10 To 25, Add	151.43	
For >25 To 50, Add	106.87	
For >50 To 100, Add	53.44	
For >500 To 1,000, Deduct	-18.16	
For >1,000 To 2,000, Deduct	-27.59	
For >2,000 To 5,000, Deduct	-45.57	
For >5,000, Deduct	-75.48	
33 01 30 72-0067 LF 13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	398.41	
For Vinlyester Resin, Add	257.08	
For Epoxy Resin, Add	30.30	
For Up To >10, Add	277.11	
For >10 To 25, Add	169.71	
For >25 To 50, Add	120.19	
For >50 To 100, Add	60.10	
For >500 To 1,000, Deduct	-20.70	
For >1,000 To 2,000, Deduct	-31.44	
For >2,000 To 5,000, Deduct	-51.86	
For >5,000, Deduct	-85.91	
33 01 30 72-0068 LF 13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	448.50	
For Vinlyester Resin, Add	289.93	
For Epoxy Resin, Add	34.17	
For Up To >10, Add	310.03	
For >10 To 25, Add	189.32	
For >25 To 50, Add	134.30	
For >50 To 100, Add	67.15	
For >500 To 1,000, Deduct	-23.28	
For >1,000 To 2,000, Deduct	-35.35	
For >2,000 To 5,000, Deduct	-58.28	
For >5,000, Deduct	-96.56	
33 01 30 72-0069 LF 13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	499.29	
For Vinlyester Resin, Add	322.79	
For Epoxy Resin, Add	38.04	
For Up To >10, Add	345.05	
For >10 To 25, Add	210.68	
For >25 To 50, Add	149.47	
For >50 To 100, Add	74.73	
For >500 To 1,000, Deduct	-25.92	
For >1,000 To 2,000, Deduct	-39.35	
For >2,000 To 5,000, Deduct	-64.88	
For >5,000, Deduct	-107.49	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0070 LF 13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	597.98	
For Vinylster Resin, Add	388.51	
For Epoxy Resin, Add	45.79	
For Up To >10, Add	406.39	
For >10 To 25, Add	246.16	
For >25 To 50, Add	175.44	
For >50 To 100, Add	87.72	
For >500 To 1,000, Deduct	-30.97	
For >1,000 To 2,000, Deduct	-47.00	
For >2,000 To 5,000, Deduct	-77.34	
For >5,000, Deduct	-128.19	
33 01 30 72-0071 LF 13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	697.91	
For Vinylster Resin, Add	454.24	
For Epoxy Resin, Add	53.54	
For Up To >10, Add	471.46	
For >10 To 25, Add	284.73	
For >25 To 50, Add	203.28	
For >50 To 100, Add	101.64	
For >500 To 1,000, Deduct	-36.12	
For >1,000 To 2,000, Deduct	-54.79	
For >2,000 To 5,000, Deduct	-90.12	
For >5,000, Deduct	-149.38	
33 01 30 72-0072 LF 13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	800.03	
For Vinylster Resin, Add	519.96	
For Epoxy Resin, Add	61.28	
For Up To >10, Add	543.09	
For >10 To 25, Add	328.78	
For >25 To 50, Add	234.41	
For >50 To 100, Add	117.20	
For >500 To 1,000, Deduct	-41.43	
For >1,000 To 2,000, Deduct	-62.86	
For >2,000 To 5,000, Deduct	-103.44	
For >5,000, Deduct	-171.45	
<b>33 01 30 72-0073 15mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0074 LF 15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	273.87	
For Vinylster Resin, Add	175.38	
For Epoxy Resin, Add	20.67	
For Up To >10, Add	195.26	
For >10 To 25, Add	120.96	
For >25 To 50, Add	85.10	
For >50 To 100, Add	42.55	
For >500 To 1,000, Deduct	-14.28	
For >1,000 To 2,000, Deduct	-21.71	
For >2,000 To 5,000, Deduct	-35.90	
For >5,000, Deduct	-59.44	
33 01 30 72-0075 LF 15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	329.05	
For Vinylster Resin, Add	211.89	
For Epoxy Resin, Add	24.97	
For Up To >10, Add	230.40	
For >10 To 25, Add	141.55	
For >25 To 50, Add	100.07	
For >50 To 100, Add	50.03	
For >500 To 1,000, Deduct	-17.11	
For >1,000 To 2,000, Deduct	-26.00	
For >2,000 To 5,000, Deduct	-42.91	
For >5,000, Deduct	-71.08	
33 01 30 72-0076 LF 15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	383.40	
For Vinylster Resin, Add	248.40	
For Epoxy Resin, Add	29.28	
For Up To >10, Add	263.05	
For >10 To 25, Add	160.07	
For >25 To 50, Add	113.78	
For >50 To 100, Add	56.89	
For >500 To 1,000, Deduct	-19.88	
For >1,000 To 2,000, Deduct	-30.18	
For >2,000 To 5,000, Deduct	-49.72	
For >5,000, Deduct	-82.39	
33 01 30 72-0077 LF 15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	438.18	
For Vinylster Resin, Add	284.91	
For Epoxy Resin, Add	33.58	
For Up To >10, Add	296.99	
For >10 To 25, Add	179.66	
For >25 To 50, Add	128.14	
For >50 To 100, Add	64.07	
For >500 To 1,000, Deduct	-22.69	
For >1,000 To 2,000, Deduct	-34.42	
For >2,000 To 5,000, Deduct	-56.63	
For >5,000, Deduct	-93.87	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 01 30 72-0078	LF		15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	493.49	
			For Vinlyester Resin, Add	321.43	
			For Epoxy Resin, Add	37.88	
			For Up To >10, Add	332.52	
			For >10 To 25, Add	200.57	
			For >25 To 50, Add	143.30	
			For >50 To 100, Add	71.65	
			For >500 To 1,000, Deduct	-25.53	
			For >1,000 To 2,000, Deduct	-38.73	
			For >2,000 To 5,000, Deduct	-63.68	
			For >5,000, Deduct	-105.56	
33 01 30 72-0079	LF		15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	549.50	
			For Vinlyester Resin, Add	357.94	
			For Epoxy Resin, Add	42.19	
			For Up To >10, Add	370.15	
			For >10 To 25, Add	223.24	
			For >25 To 50, Add	159.51	
			For >50 To 100, Add	79.75	
			For >500 To 1,000, Deduct	-28.43	
			For >1,000 To 2,000, Deduct	-43.12	
			For >2,000 To 5,000, Deduct	-70.90	
			For >5,000, Deduct	-117.53	
33 01 30 72-0080	LF		15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	658.63	
			For Vinlyester Resin, Add	430.97	
			For Epoxy Resin, Add	50.79	
			For Up To >10, Add	436.72	
			For >10 To 25, Add	261.32	
			For >25 To 50, Add	187.57	
			For >50 To 100, Add	93.79	
			For >500 To 1,000, Deduct	-34.01	
			For >1,000 To 2,000, Deduct	-51.55	
			For >2,000 To 5,000, Deduct	-84.62	
			For >5,000, Deduct	-140.32	
33 01 30 72-0081	LF		15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	768.99	
			For Vinlyester Resin, Add	503.99	
			For Epoxy Resin, Add	59.40	
			For Up To >10, Add	507.00	
			For >10 To 25, Add	302.50	
			For >25 To 50, Add	217.50	
			For >50 To 100, Add	108.75	
			For >500 To 1,000, Deduct	-39.67	
			For >1,000 To 2,000, Deduct	-60.12	
			For >2,000 To 5,000, Deduct	-98.65	
			For >5,000, Deduct	-163.60	
33 01 30 72-0082	LF		15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	881.54	
			For Vinlyester Resin, Add	577.02	
			For Epoxy Resin, Add	68.01	
			For Up To >10, Add	583.85	
			For >10 To 25, Add	349.15	
			For >25 To 50, Add	250.71	
			For >50 To 100, Add	125.35	
			For >500 To 1,000, Deduct	-45.51	
			For >1,000 To 2,000, Deduct	-68.98	
			For >2,000 To 5,000, Deduct	-113.22	
			For >5,000, Deduct	-187.75	

**33 01 30 72-0083 16.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)**

33 01 30 72-0084	LF		16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	358.19	
			For Vinlyester Resin, Add	232.29	
			For Epoxy Resin, Add	27.38	
			For Up To >10, Add	244.97	
			For >10 To 25, Add	148.84	
			For >25 To 50, Add	105.89	
			For >50 To 100, Add	52.95	
			For >500 To 1,000, Deduct	-18.57	
			For >1,000 To 2,000, Deduct	-28.18	
			For >2,000 To 5,000, Deduct	-46.41	
			For >5,000, Deduct	-76.91	
33 01 30 72-0085	LF		16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	417.75	
			For Vinlyester Resin, Add	272.45	
			For Epoxy Resin, Add	32.11	
			For Up To >10, Add	280.23	
			For >10 To 25, Add	168.65	
			For >25 To 50, Add	120.65	
			For >50 To 100, Add	60.33	
			For >500 To 1,000, Deduct	-21.60	
			For >1,000 To 2,000, Deduct	-32.76	
			For >2,000 To 5,000, Deduct	-53.84	
			For >5,000, Deduct	-89.26	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0086 LF 16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	477.75	
For Vinlyester Resin, Add	312.61	
For Epoxy Resin, Add	36.84	
For Up To >10, Add	316.78	
For >10 To 25, Add	189.55	
For >25 To 50, Add	136.06	
For >50 To 100, Add	68.03	
For >500 To 1,000, Deduct	-24.67	
For >1,000 To 2,000, Deduct	-37.39	
For >2,000 To 5,000, Deduct	-61.38	
For >5,000, Deduct	-101.78	
33 01 30 72-0087 LF 16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	538.28	
For Vinlyester Resin, Add	352.78	
For Epoxy Resin, Add	41.58	
For Up To >10, Add	354.92	
For >10 To 25, Add	211.77	
For >25 To 50, Add	152.26	
For >50 To 100, Add	76.13	
For >500 To 1,000, Deduct	-27.77	
For >1,000 To 2,000, Deduct	-42.09	
For >2,000 To 5,000, Deduct	-69.05	
For >5,000, Deduct	-114.52	
33 01 30 72-0088 LF 16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	599.51	
For Vinlyester Resin, Add	392.95	
For Epoxy Resin, Add	46.31	
For Up To >10, Add	395.16	
For >10 To 25, Add	235.74	
For >25 To 50, Add	169.51	
For >50 To 100, Add	84.76	
For >500 To 1,000, Deduct	-30.93	
For >1,000 To 2,000, Deduct	-46.87	
For >2,000 To 5,000, Deduct	-76.90	
For >5,000, Deduct	-127.53	
33 01 30 72-0089 LF 16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	719.07	
For Vinlyester Resin, Add	473.28	
For Epoxy Resin, Add	55.78	
For Up To >10, Add	466.94	
For >10 To 25, Add	276.43	
For >25 To 50, Add	199.66	
For >50 To 100, Add	99.83	
For >500 To 1,000, Deduct	-37.03	
For >1,000 To 2,000, Deduct	-56.08	
For >2,000 To 5,000, Deduct	-91.87	
For >5,000, Deduct	-152.41	
33 01 30 72-0090 LF 16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	839.86	
For Vinlyester Resin, Add	553.60	
For Epoxy Resin, Add	65.25	
For Up To >10, Add	542.43	
For >10 To 25, Add	320.22	
For >25 To 50, Add	231.67	
For >50 To 100, Add	115.84	
For >500 To 1,000, Deduct	-43.22	
For >1,000 To 2,000, Deduct	-65.44	
For >2,000 To 5,000, Deduct	-107.15	
For >5,000, Deduct	-177.77	
33 01 30 72-0091 LF 16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	962.84	
For Vinlyester Resin, Add	633.93	
For Epoxy Resin, Add	74.71	
For Up To >10, Add	624.50	
For >10 To 25, Add	369.48	
For >25 To 50, Add	266.97	
For >50 To 100, Add	133.48	
For >500 To 1,000, Deduct	-49.57	
For >1,000 To 2,000, Deduct	-75.07	
For >2,000 To 5,000, Deduct	-122.98	
For >5,000, Deduct	-204.01	
33 01 30 72-0092 LF 16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,084.88	
For Vinlyester Resin, Add	714.26	
For Epoxy Resin, Add	84.18	
For Up To >10, Add	703.72	
For >10 To 25, Add	416.37	
For >25 To 50, Add	300.84	
For >50 To 100, Add	150.42	
For >500 To 1,000, Deduct	-55.86	
For >1,000 To 2,000, Deduct	-84.59	
For >2,000 To 5,000, Deduct	-138.57	
For >5,000, Deduct	-229.88	

33 01 30 72-0093 18mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 01 30 72-0094	LF		18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	387.81	
			<i>For Vinlyester Resin, Add</i>	252.54	
			<i>For Epoxy Resin, Add</i>	29.76	
			<i>For Up To &gt;10, Add</i>	261.51	
			<i>For &gt;10 To 25, Add</i>	157.79	
			<i>For &gt;25 To 50, Add</i>	112.71	
			<i>For &gt;50 To 100, Add</i>	56.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-20.07	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-30.44	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-50.05	
			<i>For &gt;5,000, Deduct</i>	-82.97	
33 01 30 72-0095	LF		18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	452.74	
			<i>For Vinlyester Resin, Add</i>	296.36	
			<i>For Epoxy Resin, Add</i>	34.93	
			<i>For Up To &gt;10, Add</i>	299.80	
			<i>For &gt;10 To 25, Add</i>	179.27	
			<i>For &gt;25 To 50, Add</i>	128.73	
			<i>For &gt;50 To 100, Add</i>	64.36	
			<i>For &gt;500 To 1,000, Deduct</i>	-23.37	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-35.42	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-58.15	
			<i>For &gt;5,000, Deduct</i>	-96.42	
33 01 30 72-0096	LF		18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	517.94	
			<i>For Vinlyester Resin, Add</i>	340.17	
			<i>For Epoxy Resin, Add</i>	40.09	
			<i>For Up To &gt;10, Add</i>	338.92	
			<i>For &gt;10 To 25, Add</i>	201.44	
			<i>For &gt;25 To 50, Add</i>	145.16	
			<i>For &gt;50 To 100, Add</i>	72.58	
			<i>For &gt;500 To 1,000, Deduct</i>	-26.70	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-40.44	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-66.31	
			<i>For &gt;5,000, Deduct</i>	-109.98	
33 01 30 72-0097	LF		18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	583.83	
			<i>For Vinlyester Resin, Add</i>	383.99	
			<i>For Epoxy Resin, Add</i>	45.26	
			<i>For Up To &gt;10, Add</i>	380.09	
			<i>For &gt;10 To 25, Add</i>	225.32	
			<i>For &gt;25 To 50, Add</i>	162.62	
			<i>For &gt;50 To 100, Add</i>	81.31	
			<i>For &gt;500 To 1,000, Deduct</i>	-30.07	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-45.55	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-74.64	
			<i>For &gt;5,000, Deduct</i>	-123.82	
33 01 30 72-0098	LF		18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	650.26	
			<i>For Vinlyester Resin, Add</i>	427.80	
			<i>For Epoxy Resin, Add</i>	50.42	
			<i>For Up To &gt;10, Add</i>	422.93	
			<i>For &gt;10 To 25, Add</i>	250.59	
			<i>For &gt;25 To 50, Add</i>	180.91	
			<i>For &gt;50 To 100, Add</i>	90.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-33.49	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-50.73	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-83.12	
			<i>For &gt;5,000, Deduct</i>	-137.88	
33 01 30 72-0099	LF		18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	781.36	
			<i>For Vinlyester Resin, Add</i>	515.44	
			<i>For Epoxy Resin, Add</i>	60.75	
			<i>For Up To &gt;10, Add</i>	503.23	
			<i>For &gt;10 To 25, Add</i>	296.64	
			<i>For &gt;25 To 50, Add</i>	214.80	
			<i>For &gt;50 To 100, Add</i>	107.40	
			<i>For &gt;500 To 1,000, Deduct</i>	-40.19	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-60.85	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-99.62	
			<i>For &gt;5,000, Deduct</i>	-165.28	
33 01 30 72-0100	LF		18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	913.00	
			<i>For Vinlyester Resin, Add</i>	603.07	
			<i>For Epoxy Resin, Add</i>	71.08	
			<i>For Up To &gt;10, Add</i>	585.18	
			<i>For &gt;10 To 25, Add</i>	344.06	
			<i>For &gt;25 To 50, Add</i>	249.51	
			<i>For &gt;50 To 100, Add</i>	124.76	
			<i>For &gt;500 To 1,000, Deduct</i>	-46.94	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-71.05	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-116.25	
			<i>For &gt;5,000, Deduct</i>	-192.89	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0101 LF 18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,046.83	
For Vinylster Resin, Add	690.70	
For Epoxy Resin, Add	81.40	
For Up To >10, Add	673.72	
For >10 To 25, Add	396.98	
For >25 To 50, Add	287.52	
For >50 To 100, Add	143.76	
For >500 To 1,000, Deduct	-53.84	
For >1,000 To 2,000, Deduct	-81.52	
For >2,000 To 5,000, Deduct	-133.44	
For >5,000, Deduct	-221.39	
33 01 30 72-0102 LF 18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,179.70	
For Vinylster Resin, Add	778.33	
For Epoxy Resin, Add	91.73	
For Up To >10, Add	759.35	
For >10 To 25, Add	447.48	
For >25 To 50, Add	324.08	
For >50 To 100, Add	162.04	
For >500 To 1,000, Deduct	-60.68	
For >1,000 To 2,000, Deduct	-91.87	
For >2,000 To 5,000, Deduct	-150.38	
For >5,000, Deduct	-249.50	
33 01 30 72-0103 LF 18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,312.43	
For Vinylster Resin, Add	865.96	
For Epoxy Resin, Add	102.06	
For Up To >10, Add	844.59	
For >10 To 25, Add	497.65	
For >25 To 50, Add	360.44	
For >50 To 100, Add	180.22	
For >500 To 1,000, Deduct	-67.51	
For >1,000 To 2,000, Deduct	-102.20	
For >2,000 To 5,000, Deduct	-167.29	
For >5,000, Deduct	-277.56	
33 01 30 72-0104 LF 18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,445.72	
For Vinylster Resin, Add	953.59	
For Epoxy Resin, Add	112.39	
For Up To >10, Add	931.49	
For >10 To 25, Add	549.19	
For >25 To 50, Add	397.63	
For >50 To 100, Add	198.81	
For >500 To 1,000, Deduct	-74.37	
For >1,000 To 2,000, Deduct	-112.60	
For >2,000 To 5,000, Deduct	-184.33	
For >5,000, Deduct	-305.83	
33 01 30 72-0105 LF 18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,578.59	
For Vinylster Resin, Add	1,041.22	
For Epoxy Resin, Add	122.71	
For Up To >10, Add	1,017.15	
For >10 To 25, Add	599.71	
For >25 To 50, Add	434.20	
For >50 To 100, Add	217.10	
For >500 To 1,000, Deduct	-81.21	
For >1,000 To 2,000, Deduct	-122.95	
For >2,000 To 5,000, Deduct	-201.28	
For >5,000, Deduct	-333.95	
<b>33 01 30 72-0106 19.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30 72-0107 LF 19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	417.64	
For Vinylster Resin, Add	272.65	
For Epoxy Resin, Add	32.13	
For Up To >10, Add	279.17	
For >10 To 25, Add	167.73	
For >25 To 50, Add	120.11	
For >50 To 100, Add	60.06	
For >500 To 1,000, Deduct	-21.59	
For >1,000 To 2,000, Deduct	-32.73	
For >2,000 To 5,000, Deduct	-53.78	
For >5,000, Deduct	-89.16	
33 01 30 72-0108 LF 19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	487.79	
For Vinylster Resin, Add	320.12	
For Epoxy Resin, Add	37.73	
For Up To >10, Add	320.07	
For >10 To 25, Add	190.51	
For >25 To 50, Add	137.17	
For >50 To 100, Add	68.58	
For >500 To 1,000, Deduct	-25.15	
For >1,000 To 2,000, Deduct	-38.11	
For >2,000 To 5,000, Deduct	-62.50	
For >5,000, Deduct	-103.65	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0109	LF	19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	558.33	
			For Vinlyester Resin, Add	367.58	
			For Epoxy Resin, Add	43.32	
			For Up To >10, Add	362.19	
			For >10 To 25, Add	214.31	
			For >25 To 50, Add	154.84	
			For >50 To 100, Add	77.42	
			For >500 To 1,000, Deduct	-28.75	
			For >1,000 To 2,000, Deduct	-43.54	
			For >2,000 To 5,000, Deduct	-71.32	
			For >5,000, Deduct	-118.31	
33 01 30	72-0110	LF	19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	629.16	
			For Vinlyester Resin, Add	415.05	
			For Epoxy Resin, Add	48.92	
			For Up To >10, Add	405.16	
			For >10 To 25, Add	238.81	
			For >25 To 50, Add	172.93	
			For >50 To 100, Add	86.47	
			For >500 To 1,000, Deduct	-32.36	
			For >1,000 To 2,000, Deduct	-49.00	
			For >2,000 To 5,000, Deduct	-80.21	
			For >5,000, Deduct	-133.08	
33 01 30	72-0111	LF	19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	701.09	
			For Vinlyester Resin, Add	462.52	
			For Epoxy Resin, Add	54.51	
			For Up To >10, Add	451.42	
			For >10 To 25, Add	266.06	
			For >25 To 50, Add	192.67	
			For >50 To 100, Add	96.34	
			For >500 To 1,000, Deduct	-36.06	
			For >1,000 To 2,000, Deduct	-54.60	
			For >2,000 To 5,000, Deduct	-89.38	
			For >5,000, Deduct	-148.29	
33 01 30	72-0112	LF	19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	843.85	
			For Vinlyester Resin, Add	557.45	
			For Epoxy Resin, Add	65.70	
			For Up To >10, Add	540.65	
			For >10 To 25, Add	317.82	
			For >25 To 50, Add	230.51	
			For >50 To 100, Add	115.25	
			For >500 To 1,000, Deduct	-43.38	
			For >1,000 To 2,000, Deduct	-65.66	
			For >2,000 To 5,000, Deduct	-107.44	
			For >5,000, Deduct	-178.27	
33 01 30	72-0113	LF	19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	987.02	
			For Vinlyester Resin, Add	652.39	
			For Epoxy Resin, Add	76.89	
			For Up To >10, Add	631.11	
			For >10 To 25, Add	370.60	
			For >25 To 50, Add	268.96	
			For >50 To 100, Add	134.48	
			For >500 To 1,000, Deduct	-50.73	
			For >1,000 To 2,000, Deduct	-76.78	
			For >2,000 To 5,000, Deduct	-125.60	
			For >5,000, Deduct	-208.41	
33 01 30	72-0114	LF	19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,131.14	
			For Vinlyester Resin, Add	747.32	
			For Epoxy Resin, Add	88.08	
			For Up To >10, Add	724.42	
			For >10 To 25, Add	425.75	
			For >25 To 50, Add	308.83	
			For >50 To 100, Add	154.42	
			For >500 To 1,000, Deduct	-58.15	
			For >1,000 To 2,000, Deduct	-88.01	
			For >2,000 To 5,000, Deduct	-144.00	
			For >5,000, Deduct	-238.94	
33 01 30	72-0115	LF	19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,274.86	
			For Vinlyester Resin, Add	842.25	
			For Epoxy Resin, Add	99.27	
			For Up To >10, Add	816.53	
			For >10 To 25, Add	479.91	
			For >25 To 50, Add	348.10	
			For >50 To 100, Add	174.05	
			For >500 To 1,000, Deduct	-65.53	
			For >1,000 To 2,000, Deduct	-99.20	
			For >2,000 To 5,000, Deduct	-162.30	
			For >5,000, Deduct	-269.30	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0116 LF 19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,418.57	
For Vinylster Resin, Add	937.18	
For Epoxy Resin, Add	110.45	
For Up To >10, Add	908.64	
For >10 To 25, Add	534.06	
For >25 To 50, Add	387.38	
For >50 To 100, Add	193.69	
For >500 To 1,000, Deduct	-72.92	
For >1,000 To 2,000, Deduct	-110.38	
For >2,000 To 5,000, Deduct	-180.59	
For >5,000, Deduct	-299.66	
33 01 30 72-0117 LF 19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,563.95	
For Vinylster Resin, Add	1,032.12	
For Epoxy Resin, Add	121.64	
For Up To >10, Add	1,005.70	
For >10 To 25, Add	592.34	
For >25 To 50, Add	429.13	
For >50 To 100, Add	214.56	
For >500 To 1,000, Deduct	-80.43	
For >1,000 To 2,000, Deduct	-121.77	
For >2,000 To 5,000, Deduct	-199.31	
For >5,000, Deduct	-330.69	
33 01 30 72-0118 LF 19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,707.79	
For Vinylster Resin, Add	1,127.05	
For Epoxy Resin, Add	132.83	
For Up To >10, Add	1,098.20	
For >10 To 25, Add	646.82	
For >25 To 50, Add	468.59	
For >50 To 100, Add	234.30	
For >500 To 1,000, Deduct	-87.83	
For >1,000 To 2,000, Deduct	-132.97	
For >2,000 To 5,000, Deduct	-217.64	
For >5,000, Deduct	-361.10	
<b>33 01 30 72-0119 21mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0120 LF 21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	447.13	
For Vinylster Resin, Add	292.62	
For Epoxy Resin, Add	34.49	
For Up To >10, Add	296.32	
For >10 To 25, Add	177.26	
For >25 To 50, Add	127.26	
For >50 To 100, Add	63.63	
For >500 To 1,000, Deduct	-23.08	
For >1,000 To 2,000, Deduct	-34.99	
For >2,000 To 5,000, Deduct	-57.44	
For >5,000, Deduct	-95.25	
33 01 30 72-0121 LF 21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	522.61	
For Vinylster Resin, Add	343.74	
For Epoxy Resin, Add	40.51	
For Up To >10, Add	340.21	
For >10 To 25, Add	201.66	
For >25 To 50, Add	145.55	
For >50 To 100, Add	72.78	
For >500 To 1,000, Deduct	-26.92	
For >1,000 To 2,000, Deduct	-40.77	
For >2,000 To 5,000, Deduct	-66.82	
For >5,000, Deduct	-110.83	
33 01 30 72-0122 LF 21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	598.53	
For Vinylster Resin, Add	394.86	
For Epoxy Resin, Add	46.54	
For Up To >10, Add	385.39	
For >10 To 25, Add	227.15	
For >25 To 50, Add	164.49	
For >50 To 100, Add	82.25	
For >500 To 1,000, Deduct	-30.79	
For >1,000 To 2,000, Deduct	-46.61	
For >2,000 To 5,000, Deduct	-76.30	
For >5,000, Deduct	-126.60	
33 01 30 72-0123 LF 21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	674.29	
For Vinylster Resin, Add	445.97	
For Epoxy Resin, Add	52.56	
For Up To >10, Add	430.12	
For >10 To 25, Add	252.25	
For >25 To 50, Add	183.21	
For >50 To 100, Add	91.60	
For >500 To 1,000, Deduct	-34.64	
For >1,000 To 2,000, Deduct	-52.43	
For >2,000 To 5,000, Deduct	-85.75	
For >5,000, Deduct	-142.30	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 01 30 72-0124	LF		21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	751.58	
			For Vinlyester Resin, Add	497.09	
			For Epoxy Resin, Add	58.59	
			For Up To >10, Add	479.42	
			For >10 To 25, Add	281.16	
			For >25 To 50, Add	204.20	
			For >50 To 100, Add	102.10	
			For >500 To 1,000, Deduct	-38.62	
			For >1,000 To 2,000, Deduct	-58.44	
			For >2,000 To 5,000, Deduct	-95.58	
			For >5,000, Deduct	-158.61	
33 01 30 72-0125	LF		21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	906.14	
			For Vinlyester Resin, Add	599.33	
			For Epoxy Resin, Add	70.63	
			For Up To >10, Add	577.97	
			For >10 To 25, Add	338.95	
			For >25 To 50, Add	246.18	
			For >50 To 100, Add	123.09	
			For >500 To 1,000, Deduct	-46.56	
			For >1,000 To 2,000, Deduct	-70.46	
			For >2,000 To 5,000, Deduct	-115.23	
			For >5,000, Deduct	-191.22	
33 01 30 72-0126	LF		21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,060.70	
			For Vinlyester Resin, Add	701.56	
			For Epoxy Resin, Add	82.68	
			For Up To >10, Add	676.53	
			For >10 To 25, Add	396.73	
			For >25 To 50, Add	288.15	
			For >50 To 100, Add	144.08	
			For >500 To 1,000, Deduct	-54.50	
			For >1,000 To 2,000, Deduct	-82.48	
			For >2,000 To 5,000, Deduct	-134.89	
			For >5,000, Deduct	-223.83	
33 01 30 72-0127	LF		21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,215.26	
			For Vinlyester Resin, Add	803.80	
			For Epoxy Resin, Add	94.73	
			For Up To >10, Add	775.08	
			For >10 To 25, Add	454.52	
			For >25 To 50, Add	330.13	
			For >50 To 100, Add	165.06	
			For >500 To 1,000, Deduct	-62.44	
			For >1,000 To 2,000, Deduct	-94.49	
			For >2,000 To 5,000, Deduct	-154.54	
			For >5,000, Deduct	-256.45	
33 01 30 72-0128	LF		21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,369.82	
			For Vinlyester Resin, Add	906.03	
			For Epoxy Resin, Add	106.78	
			For Up To >10, Add	873.64	
			For >10 To 25, Add	512.31	
			For >25 To 50, Add	372.10	
			For >50 To 100, Add	186.05	
			For >500 To 1,000, Deduct	-70.38	
			For >1,000 To 2,000, Deduct	-106.51	
			For >2,000 To 5,000, Deduct	-174.19	
			For >5,000, Deduct	-289.06	
33 01 30 72-0129	LF		21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,524.38	
			For Vinlyester Resin, Add	1,008.27	
			For Epoxy Resin, Add	118.83	
			For Up To >10, Add	972.19	
			For >10 To 25, Add	570.10	
			For >25 To 50, Add	414.08	
			For >50 To 100, Add	207.04	
			For >500 To 1,000, Deduct	-78.32	
			For >1,000 To 2,000, Deduct	-118.53	
			For >2,000 To 5,000, Deduct	-193.85	
			For >5,000, Deduct	-321.68	
33 01 30 72-0130	LF		21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,681.96	
			For Vinlyester Resin, Add	1,110.51	
			For Epoxy Resin, Add	130.88	
			For Up To >10, Add	1,079.78	
			For >10 To 25, Add	635.41	
			For >25 To 50, Add	460.57	
			For >50 To 100, Add	230.28	
			For >500 To 1,000, Deduct	-86.49	
			For >1,000 To 2,000, Deduct	-130.92	
			For >2,000 To 5,000, Deduct	-214.25	
			For >5,000, Deduct	-355.50	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0131 LF 21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,836.80	
For Vinylster Resin, Add	1,212.74	
For Epoxy Resin, Add	142.93	
For Up To >10, Add	1,179.18	
For >10 To 25, Add	693.90	
For >25 To 50, Add	502.96	
For >50 To 100, Add	251.48	
For >500 To 1,000, Deduct	-94.45	
For >1,000 To 2,000, Deduct	-142.98	
For >2,000 To 5,000, Deduct	-233.98	
For >5,000, Deduct	-388.22	
<b>33 01 30 72-0132 22.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30 72-0133 LF 22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	476.27	
For Vinylster Resin, Add	312.45	
For Epoxy Resin, Add	36.82	
For Up To >10, Add	312.94	
For >10 To 25, Add	186.39	
For >25 To 50, Add	134.15	
For >50 To 100, Add	67.08	
For >500 To 1,000, Deduct	-24.56	
For >1,000 To 2,000, Deduct	-37.22	
For >2,000 To 5,000, Deduct	-61.04	
For >5,000, Deduct	-101.24	
33 01 30 72-0134 LF 22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	556.98	
For Vinylster Resin, Add	367.21	
For Epoxy Resin, Add	43.28	
For Up To >10, Add	359.47	
For >10 To 25, Add	212.12	
For >25 To 50, Add	153.50	
For >50 To 100, Add	76.75	
For >500 To 1,000, Deduct	-28.66	
For >1,000 To 2,000, Deduct	-43.39	
For >2,000 To 5,000, Deduct	-71.05	
For >5,000, Deduct	-117.87	
33 01 30 72-0135 LF 22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	638.52	
For Vinylster Resin, Add	421.99	
For Epoxy Resin, Add	49.73	
For Up To >10, Add	408.46	
For >10 To 25, Add	239.91	
For >25 To 50, Add	174.09	
For >50 To 100, Add	87.04	
For >500 To 1,000, Deduct	-32.82	
For >1,000 To 2,000, Deduct	-49.67	
For >2,000 To 5,000, Deduct	-81.26	
For >5,000, Deduct	-134.84	
33 01 30 72-0136 LF 22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	720.46	
For Vinylster Resin, Add	476.75	
For Epoxy Resin, Add	56.19	
For Up To >10, Add	458.71	
For >10 To 25, Add	268.74	
For >25 To 50, Add	195.30	
For >50 To 100, Add	97.65	
For >500 To 1,000, Deduct	-37.01	
For >1,000 To 2,000, Deduct	-56.00	
For >2,000 To 5,000, Deduct	-91.58	
For >5,000, Deduct	-151.97	
33 01 30 72-0137 LF 22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	803.23	
For Vinylster Resin, Add	531.52	
For Epoxy Resin, Add	62.64	
For Up To >10, Add	511.42	
For >10 To 25, Add	299.63	
For >25 To 50, Add	217.74	
For >50 To 100, Add	108.87	
For >500 To 1,000, Deduct	-41.26	
For >1,000 To 2,000, Deduct	-62.44	
For >2,000 To 5,000, Deduct	-102.10	
For >5,000, Deduct	-169.43	
33 01 30 72-0138 LF 22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	968.78	
For Vinylster Resin, Add	641.06	
For Epoxy Resin, Add	75.55	
For Up To >10, Add	616.84	
For >10 To 25, Add	361.40	
For >25 To 50, Add	262.63	
For >50 To 100, Add	131.32	
For >500 To 1,000, Deduct	-49.76	
For >1,000 To 2,000, Deduct	-75.31	
For >2,000 To 5,000, Deduct	-123.14	
For >5,000, Deduct	-204.35	



**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 01 30 72-0139	LF		22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,134.32	
			For Vinlyester Resin, Add	750.60	
			For Epoxy Resin, Add	88.46	
			For Up To >10, Add	722.26	
			For >10 To 25, Add	423.17	
			For >25 To 50, Add	307.52	
			For >50 To 100, Add	153.76	
			For >500 To 1,000, Deduct	-58.27	
			For >1,000 To 2,000, Deduct	-88.18	
			For >2,000 To 5,000, Deduct	-144.18	
			For >5,000, Deduct	-239.27	
33 01 30 72-0140	LF		22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,299.86	
			For Vinlyester Resin, Add	860.13	
			For Epoxy Resin, Add	101.37	
			For Up To >10, Add	827.68	
			For >10 To 25, Add	484.94	
			For >25 To 50, Add	352.40	
			For >50 To 100, Add	176.20	
			For >500 To 1,000, Deduct	-66.77	
			For >1,000 To 2,000, Deduct	-101.04	
			For >2,000 To 5,000, Deduct	-165.23	
			For >5,000, Deduct	-274.19	
33 01 30 72-0141	LF		22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,465.41	
			For Vinlyester Resin, Add	969.68	
			For Epoxy Resin, Add	114.28	
			For Up To >10, Add	933.11	
			For >10 To 25, Add	546.71	
			For >25 To 50, Add	397.29	
			For >50 To 100, Add	198.65	
			For >500 To 1,000, Deduct	-75.27	
			For >1,000 To 2,000, Deduct	-113.91	
			For >2,000 To 5,000, Deduct	-186.27	
			For >5,000, Deduct	-309.11	
33 01 30 72-0142	LF		22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,630.94	
			For Vinlyester Resin, Add	1,079.21	
			For Epoxy Resin, Add	127.19	
			For Up To >10, Add	1,038.50	
			For >10 To 25, Add	608.46	
			For >25 To 50, Add	442.16	
			For >50 To 100, Add	221.08	
			For >500 To 1,000, Deduct	-83.78	
			For >1,000 To 2,000, Deduct	-126.78	
			For >2,000 To 5,000, Deduct	-207.31	
			For >5,000, Deduct	-344.03	
33 01 30 72-0143	LF		22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,799.65	
			For Vinlyester Resin, Add	1,188.75	
			For Epoxy Resin, Add	140.10	
			For Up To >10, Add	1,153.40	
			For >10 To 25, Add	678.13	
			For >25 To 50, Add	491.79	
			For >50 To 100, Add	245.89	
			For >500 To 1,000, Deduct	-92.52	
			For >1,000 To 2,000, Deduct	-140.05	
			For >2,000 To 5,000, Deduct	-229.14	
			For >5,000, Deduct	-380.22	
33 01 30 72-0144	LF		22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,965.46	
			For Vinlyester Resin, Add	1,298.29	
			For Epoxy Resin, Add	153.01	
			For Up To >10, Add	1,259.63	
			For >10 To 25, Add	740.58	
			For >25 To 50, Add	537.08	
			For >50 To 100, Add	268.54	
			For >500 To 1,000, Deduct	-101.04	
			For >1,000 To 2,000, Deduct	-152.95	
			For >2,000 To 5,000, Deduct	-250.25	
			For >5,000, Deduct	-415.24	

**33 01 30 72-0145 24mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)**

33 01 30 72-0146	LF		24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	505.06	
			For Vinlyester Resin, Add	332.12	
			For Epoxy Resin, Add	39.14	
			For Up To >10, Add	329.03	
			For >10 To 25, Add	195.12	
			For >25 To 50, Add	140.79	
			For >50 To 100, Add	70.40	
			For >500 To 1,000, Deduct	-26.02	
			For >1,000 To 2,000, Deduct	-39.41	
			For >2,000 To 5,000, Deduct	-64.59	
			For >5,000, Deduct	-107.13	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0147 LF 24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	591.00	
For Vinylster Resin, Add	390.54	
For Epoxy Resin, Add	46.03	
For Up To >10, Add	378.20	
For >10 To 25, Add	222.18	
For >25 To 50, Add	161.20	
For >50 To 100, Add	80.60	
For >500 To 1,000, Deduct	-30.38	
For >1,000 To 2,000, Deduct	-45.98	
For >2,000 To 5,000, Deduct	-75.22	
For >5,000, Deduct	-124.82	
33 01 30 72-0148 LF 24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	678.17	
For Vinylster Resin, Add	448.97	
For Epoxy Resin, Add	52.91	
For Up To >10, Add	431.06	
For >10 To 25, Add	252.32	
For >25 To 50, Add	183.46	
For >50 To 100, Add	91.73	
For >500 To 1,000, Deduct	-34.83	
For >1,000 To 2,000, Deduct	-52.70	
For >2,000 To 5,000, Deduct	-86.16	
For >5,000, Deduct	-142.99	
33 01 30 72-0149 LF 24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	766.41	
For Vinylster Resin, Add	507.38	
For Epoxy Resin, Add	59.80	
For Up To >10, Add	487.16	
For >10 To 25, Add	285.16	
For >25 To 50, Add	207.34	
For >50 To 100, Add	103.67	
For >500 To 1,000, Deduct	-39.36	
For >1,000 To 2,000, Deduct	-59.56	
For >2,000 To 5,000, Deduct	-97.37	
For >5,000, Deduct	-161.60	
33 01 30 72-0150 LF 24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	854.68	
For Vinylster Resin, Add	565.80	
For Epoxy Resin, Add	66.68	
For Up To >10, Add	543.32	
For >10 To 25, Add	318.05	
For >25 To 50, Add	231.24	
For >50 To 100, Add	115.62	
For >500 To 1,000, Deduct	-43.89	
For >1,000 To 2,000, Deduct	-66.42	
For >2,000 To 5,000, Deduct	-108.59	
For >5,000, Deduct	-180.21	
33 01 30 72-0151 LF 24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,031.21	
For Vinylster Resin, Add	682.65	
For Epoxy Resin, Add	80.45	
For Up To >10, Add	655.61	
For >10 To 25, Add	383.80	
For >25 To 50, Add	279.04	
For >50 To 100, Add	139.52	
For >500 To 1,000, Deduct	-52.96	
For >1,000 To 2,000, Deduct	-80.14	
For >2,000 To 5,000, Deduct	-131.03	
For >5,000, Deduct	-217.44	
33 01 30 72-0152 LF 24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,254.60	
For Vinylster Resin, Add	832.39	
For Epoxy Resin, Add	98.10	
For Up To >10, Add	790.98	
For >10 To 25, Add	460.96	
For >25 To 50, Add	336.03	
For >50 To 100, Add	168.02	
For >500 To 1,000, Deduct	-64.37	
For >1,000 To 2,000, Deduct	-97.37	
For >2,000 To 5,000, Deduct	-159.06	
For >5,000, Deduct	-264.01	
33 01 30 72-0153 LF 24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,384.12	
For Vinylster Resin, Add	916.33	
For Epoxy Resin, Add	108.00	
For Up To >10, Add	879.76	
For >10 To 25, Add	514.96	
For >25 To 50, Add	374.43	
For >50 To 100, Add	187.21	
For >500 To 1,000, Deduct	-71.08	
For >1,000 To 2,000, Deduct	-107.56	
For >2,000 To 5,000, Deduct	-175.85	
For >5,000, Deduct	-291.84	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0154	LF	24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,560.64	
			For Vinlyester Resin, Add	1,033.17	
			For Epoxy Resin, Add	121.77	
			For Up To >10, Add	992.02	
			For >10 To 25, Add	580.69	
			For >25 To 50, Add	422.21	
			For >50 To 100, Add	211.11	
			For >500 To 1,000, Deduct	-80.15	
			For >1,000 To 2,000, Deduct	-121.28	
			For >2,000 To 5,000, Deduct	-198.29	
			For >5,000, Deduct	-329.06	
33 01 30	72-0155	LF	24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,737.16	
			For Vinlyester Resin, Add	1,150.01	
			For Epoxy Resin, Add	135.54	
			For Up To >10, Add	1,104.31	
			For >10 To 25, Add	646.44	
			For >25 To 50, Add	470.01	
			For >50 To 100, Add	235.00	
			For >500 To 1,000, Deduct	-89.22	
			For >1,000 To 2,000, Deduct	-135.00	
			For >2,000 To 5,000, Deduct	-220.72	
			For >5,000, Deduct	-366.29	
33 01 30	72-0156	LF	24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,916.98	
			For Vinlyester Resin, Add	1,266.85	
			For Epoxy Resin, Add	149.31	
			For Up To >10, Add	1,226.47	
			For >10 To 25, Add	720.42	
			For >25 To 50, Add	522.74	
			For >50 To 100, Add	261.37	
			For >500 To 1,000, Deduct	-98.53	
			For >1,000 To 2,000, Deduct	-149.13	
			For >2,000 To 5,000, Deduct	-243.97	
			For >5,000, Deduct	-404.83	
33 01 30	72-0157	LF	24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,093.77	
			For Vinlyester Resin, Add	1,383.69	
			For Epoxy Resin, Add	163.08	
			For Up To >10, Add	1,339.56	
			For >10 To 25, Add	786.85	
			For >25 To 50, Add	570.95	
			For >50 To 100, Add	285.47	
			For >500 To 1,000, Deduct	-107.62	
			For >1,000 To 2,000, Deduct	-162.89	
			For >2,000 To 5,000, Deduct	-266.47	
			For >5,000, Deduct	-442.17	
33 01 30	72-0158	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,270.57	
			For Vinlyester Resin, Add	1,500.53	
			For Epoxy Resin, Add	176.85	
			For Up To >10, Add	1,452.66	
			For >10 To 25, Add	853.28	
			For >25 To 50, Add	619.15	
			For >50 To 100, Add	309.57	
			For >500 To 1,000, Deduct	-116.70	
			For >1,000 To 2,000, Deduct	-176.64	
			For >2,000 To 5,000, Deduct	-288.97	
			For >5,000, Deduct	-479.50	
33 01 30	72-0159	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,447.38	
			For Vinlyester Resin, Add	1,617.38	
			For Epoxy Resin, Add	190.62	
			For Up To >10, Add	1,565.79	
			For >10 To 25, Add	919.74	
			For >25 To 50, Add	667.37	
			For >50 To 100, Add	333.68	
			For >500 To 1,000, Deduct	-125.79	
			For >1,000 To 2,000, Deduct	-190.40	
			For >2,000 To 5,000, Deduct	-311.47	
			For >5,000, Deduct	-516.84	
33 01 30	72-0160		<b>25.5mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small> .....	625.21	
33 01 30	72-0161	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	625.21	
			For Vinlyester Resin, Add	413.73	
			For Epoxy Resin, Add	48.76	
			For Up To >10, Add	398.03	
			For >10 To 25, Add	233.19	
			For >25 To 50, Add	169.46	
			For >50 To 100, Add	84.73	
			For >500 To 1,000, Deduct	-32.11	
			For >1,000 To 2,000, Deduct	-48.60	
			For >2,000 To 5,000, Deduct	-79.47	
			For >5,000, Deduct	-131.88	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0162 LF 25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	718.41	
For Vinyl Ester Resin, Add	475.80	
For Epoxy Resin, Add	56.08	
For Up To >10, Add	455.96	
For >10 To 25, Add	266.68	
For >25 To 50, Add	193.99	
For >50 To 100, Add	97.00	
For >500 To 1,000, Deduct	-36.89	
For >1,000 To 2,000, Deduct	-55.82	
For >2,000 To 5,000, Deduct	-91.24	
For >5,000, Deduct	-151.42	
33 01 30 72-0163 LF 25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	812.18	
For Vinyl Ester Resin, Add	537.87	
For Epoxy Resin, Add	63.39	
For Up To >10, Add	515.57	
For >10 To 25, Add	301.57	
For >25 To 50, Add	219.36	
For >50 To 100, Add	109.68	
For >500 To 1,000, Deduct	-41.70	
For >1,000 To 2,000, Deduct	-63.10	
For >2,000 To 5,000, Deduct	-103.15	
For >5,000, Deduct	-171.19	
33 01 30 72-0164 LF 25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	905.79	
For Vinyl Ester Resin, Add	599.95	
For Epoxy Resin, Add	70.71	
For Up To >10, Add	574.70	
For >10 To 25, Add	336.07	
For >25 To 50, Add	244.49	
For >50 To 100, Add	122.25	
For >500 To 1,000, Deduct	-46.51	
For >1,000 To 2,000, Deduct	-70.37	
For >2,000 To 5,000, Deduct	-115.03	
For >5,000, Deduct	-190.90	
33 01 30 72-0165 LF 25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,093.29	
For Vinyl Ester Resin, Add	724.09	
For Epoxy Resin, Add	85.34	
For Up To >10, Add	693.85	
For >10 To 25, Add	405.80	
For >25 To 50, Add	295.20	
For >50 To 100, Add	147.60	
For >500 To 1,000, Deduct	-56.14	
For >1,000 To 2,000, Deduct	-84.94	
For >2,000 To 5,000, Deduct	-138.85	
For >5,000, Deduct	-230.43	
33 01 30 72-0166 LF 25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,280.66	
For Vinyl Ester Resin, Add	848.23	
For Epoxy Resin, Add	99.97	
For Up To >10, Add	812.58	
For >10 To 25, Add	475.19	
For >25 To 50, Add	345.70	
For >50 To 100, Add	172.85	
For >500 To 1,000, Deduct	-65.76	
For >1,000 To 2,000, Deduct	-99.49	
For >2,000 To 5,000, Deduct	-162.64	
For >5,000, Deduct	-269.91	
33 01 30 72-0167 LF 25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,468.17	
For Vinyl Ester Resin, Add	972.38	
For Epoxy Resin, Add	114.60	
For Up To >10, Add	931.74	
For >10 To 25, Add	544.93	
For >25 To 50, Add	396.41	
For >50 To 100, Add	198.21	
For >500 To 1,000, Deduct	-75.39	
For >1,000 To 2,000, Deduct	-114.07	
For >2,000 To 5,000, Deduct	-186.46	
For >5,000, Deduct	-309.45	
33 01 30 72-0168 LF 25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,655.54	
For Vinyl Ester Resin, Add	1,096.52	
For Epoxy Resin, Add	129.23	
For Up To >10, Add	1,050.47	
For >10 To 25, Add	614.32	
For >25 To 50, Add	446.91	
For >50 To 100, Add	223.46	
For >500 To 1,000, Deduct	-85.00	
For >1,000 To 2,000, Deduct	-128.62	
For >2,000 To 5,000, Deduct	-210.25	
For >5,000, Deduct	-348.92	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0169	LF	25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,843.04	
			For Vinlyester Resin, Add	1,220.67	
			For Epoxy Resin, Add	143.86	
			For Up To >10, Add	1,169.60	
			For >10 To 25, Add	684.03	
			For >25 To 50, Add	497.61	
			For >50 To 100, Add	248.80	
			For >500 To 1,000, Deduct	-94.63	
			For >1,000 To 2,000, Deduct	-143.19	
			For >2,000 To 5,000, Deduct	-234.06	
			For >5,000, Deduct	-388.45	
33 01 30	72-0170	LF	25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,034.93	
			For Vinlyester Resin, Add	1,344.81	
			For Epoxy Resin, Add	158.49	
			For Up To >10, Add	1,301.92	
			For >10 To 25, Add	764.74	
			For >25 To 50, Add	554.90	
			For >50 To 100, Add	277.45	
			For >500 To 1,000, Deduct	-104.59	
			For >1,000 To 2,000, Deduct	-158.31	
			For >2,000 To 5,000, Deduct	-258.98	
			For >5,000, Deduct	-429.74	
33 01 30	72-0171	LF	25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,222.86	
			For Vinlyester Resin, Add	1,468.96	
			For Epoxy Resin, Add	173.13	
			For Up To >10, Add	1,422.31	
			For >10 To 25, Add	835.50	
			For >25 To 50, Add	606.23	
			For >50 To 100, Add	303.11	
			For >500 To 1,000, Deduct	-114.25	
			For >1,000 To 2,000, Deduct	-172.93	
			For >2,000 To 5,000, Deduct	-282.91	
			For >5,000, Deduct	-469.44	
33 01 30	72-0172	LF	25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,410.63	
			For Vinlyester Resin, Add	1,593.10	
			For Epoxy Resin, Add	187.76	
			For Up To >10, Add	1,542.27	
			For >10 To 25, Add	905.91	
			For >25 To 50, Add	657.34	
			For >50 To 100, Add	328.67	
			For >500 To 1,000, Deduct	-123.90	
			For >1,000 To 2,000, Deduct	-187.54	
			For >2,000 To 5,000, Deduct	-306.80	
			For >5,000, Deduct	-509.08	
33 01 30	72-0173	LF	25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,598.55	
			For Vinlyester Resin, Add	1,717.24	
			For Epoxy Resin, Add	202.39	
			For Up To >10, Add	1,662.65	
			For >10 To 25, Add	976.68	
			For >25 To 50, Add	708.67	
			For >50 To 100, Add	354.33	
			For >500 To 1,000, Deduct	-133.56	
			For >1,000 To 2,000, Deduct	-202.16	
			For >2,000 To 5,000, Deduct	-330.72	
			For >5,000, Deduct	-548.78	
<b>33 01 30</b>	<b>72-0174</b>		<b>27mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small></b>		
33 01 30	72-0175	LF	27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	659.10	
			For Vinlyester Resin, Add	436.77	
			For Epoxy Resin, Add	51.48	
			For Up To >10, Add	417.40	
			For >10 To 25, Add	243.84	
			For >25 To 50, Add	177.50	
			For >50 To 100, Add	88.75	
			For >500 To 1,000, Deduct	-33.83	
			For >1,000 To 2,000, Deduct	-51.19	
			For >2,000 To 5,000, Deduct	-83.66	
			For >5,000, Deduct	-138.85	
33 01 30	72-0176	LF	27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	758.34	
			For Vinlyester Resin, Add	502.50	
			For Epoxy Resin, Add	59.22	
			For Up To >10, Add	480.40	
			For >10 To 25, Add	280.69	
			For >25 To 50, Add	204.31	
			For >50 To 100, Add	102.15	
			For >500 To 1,000, Deduct	-38.93	
			For >1,000 To 2,000, Deduct	-58.90	
			For >2,000 To 5,000, Deduct	-96.26	
			For >5,000, Deduct	-159.77	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0177 LF 27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	857.59	
For Vinlyester Resin, Add	568.23	
For Epoxy Resin, Add	66.97	
For Up To >10, Add	543.40	
For >10 To 25, Add	317.54	
For >25 To 50, Add	231.11	
For >50 To 100, Add	115.56	
For >500 To 1,000, Deduct	-44.03	
For >1,000 To 2,000, Deduct	-66.61	
For >2,000 To 5,000, Deduct	-108.87	
For >5,000, Deduct	-180.69	
33 01 30 72-0178 LF 27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	956.70	
For Vinlyester Resin, Add	633.95	
For Epoxy Resin, Add	74.72	
For Up To >10, Add	606.00	
For >10 To 25, Add	354.06	
For >25 To 50, Add	257.72	
For >50 To 100, Add	128.86	
For >500 To 1,000, Deduct	-49.11	
For >1,000 To 2,000, Deduct	-74.31	
For >2,000 To 5,000, Deduct	-121.44	
For >5,000, Deduct	-201.55	
33 01 30 72-0179 LF 27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,155.03	
For Vinlyester Resin, Add	765.39	
For Epoxy Resin, Add	90.21	
For Up To >10, Add	731.57	
For >10 To 25, Add	427.40	
For >25 To 50, Add	311.11	
For >50 To 100, Add	155.56	
For >500 To 1,000, Deduct	-59.29	
For >1,000 To 2,000, Deduct	-89.71	
For >2,000 To 5,000, Deduct	-146.61	
For >5,000, Deduct	-243.33	
33 01 30 72-0180 LF 27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,353.52	
For Vinlyester Resin, Add	896.83	
For Epoxy Resin, Add	105.70	
For Up To >10, Add	857.59	
For >10 To 25, Add	501.12	
For >25 To 50, Add	364.73	
For >50 To 100, Add	182.37	
For >500 To 1,000, Deduct	-69.48	
For >1,000 To 2,000, Deduct	-105.13	
For >2,000 To 5,000, Deduct	-171.83	
For >5,000, Deduct	-285.17	
33 01 30 72-0181 LF 27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,551.87	
For Vinlyester Resin, Add	1,028.29	
For Epoxy Resin, Add	121.19	
For Up To >10, Add	983.16	
For >10 To 25, Add	574.47	
For >25 To 50, Add	418.13	
For >50 To 100, Add	209.07	
For >500 To 1,000, Deduct	-79.67	
For >1,000 To 2,000, Deduct	-120.53	
For >2,000 To 5,000, Deduct	-197.00	
For >5,000, Deduct	-326.95	
33 01 30 72-0182 LF 27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,750.22	
For Vinlyester Resin, Add	1,159.73	
For Epoxy Resin, Add	136.68	
For Up To >10, Add	1,108.79	
For >10 To 25, Add	647.86	
For >25 To 50, Add	471.56	
For >50 To 100, Add	235.78	
For >500 To 1,000, Deduct	-89.85	
For >1,000 To 2,000, Deduct	-135.94	
For >2,000 To 5,000, Deduct	-222.18	
For >5,000, Deduct	-368.74	
33 01 30 72-0183 LF 27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,948.56	
For Vinlyester Resin, Add	1,291.17	
For Epoxy Resin, Add	152.17	
For Up To >10, Add	1,234.36	
For >10 To 25, Add	721.21	
For >25 To 50, Add	524.95	
For >50 To 100, Add	262.48	
For >500 To 1,000, Deduct	-100.03	
For >1,000 To 2,000, Deduct	-151.34	
For >2,000 To 5,000, Deduct	-247.35	
For >5,000, Deduct	-410.52	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0184	LF	27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,152.69	
			For Vinlyester Resin, Add	1,422.62	
			For Epoxy Resin, Add	167.67	
			For Up To >10, Add	1,377.27	
			For >10 To 25, Add	809.01	
			For >25 To 50, Add	587.02	
			For >50 To 100, Add	293.51	
			For >500 To 1,000, Deduct	-110.64	
			For >1,000 To 2,000, Deduct	-167.47	
			For >2,000 To 5,000, Deduct	-273.97	
			For >5,000, Deduct	-454.61	
33 01 30	72-0185	LF	27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,351.59	
			For Vinlyester Resin, Add	1,554.07	
			For Epoxy Resin, Add	183.16	
			For Up To >10, Add	1,504.52	
			For >10 To 25, Add	863.75	
			For >25 To 50, Add	641.26	
			For >50 To 100, Add	320.63	
			For >500 To 1,000, Deduct	-120.87	
			For >1,000 To 2,000, Deduct	-182.94	
			For >2,000 To 5,000, Deduct	-299.28	
			For >5,000, Deduct	-496.62	
33 01 30	72-0186	LF	27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,550.48	
			For Vinlyester Resin, Add	1,685.52	
			For Epoxy Resin, Add	198.65	
			For Up To >10, Add	1,631.74	
			For >10 To 25, Add	958.47	
			For >25 To 50, Add	695.48	
			For >50 To 100, Add	347.74	
			For >500 To 1,000, Deduct	-131.09	
			For >1,000 To 2,000, Deduct	-198.42	
			For >2,000 To 5,000, Deduct	-324.60	
			For >5,000, Deduct	-538.62	
33 01 30	72-0187	LF	27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,749.38	
			For Vinlyester Resin, Add	1,816.96	
			For Epoxy Resin, Add	214.14	
			For Up To >10, Add	1,758.99	
			For >10 To 25, Add	1,033.22	
			For >25 To 50, Add	749.71	
			For >50 To 100, Add	374.86	
			For >500 To 1,000, Deduct	-141.31	
			For >1,000 To 2,000, Deduct	-213.89	
			For >2,000 To 5,000, Deduct	-349.91	
			For >5,000, Deduct	-580.62	
33 01 30	72-0188		<b>28.5mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small> .....	797.78	
33 01 30	72-0189	LF	28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	797.78	
			For Vinlyester Resin, Add	529.05	
			For Epoxy Resin, Add	62.35	
			For Up To >10, Add	503.89	
			For >10 To 25, Add	293.95	
			For >25 To 50, Add	214.16	
			For >50 To 100, Add	107.08	
			For >500 To 1,000, Deduct	-40.94	
			For >1,000 To 2,000, Deduct	-61.93	
			For >2,000 To 5,000, Deduct	-101.19	
			For >5,000, Deduct	-167.96	
33 01 30	72-0190	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	902.51	
			For Vinlyester Resin, Add	598.42	
			For Epoxy Resin, Add	70.53	
			For Up To >10, Add	570.31	
			For >10 To 25, Add	332.77	
			For >25 To 50, Add	242.41	
			For >50 To 100, Add	121.20	
			For >500 To 1,000, Deduct	-46.32	
			For >1,000 To 2,000, Deduct	-70.07	
			For >2,000 To 5,000, Deduct	-114.49	
			For >5,000, Deduct	-190.03	
33 01 30	72-0191	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,007.11	
			For Vinlyester Resin, Add	667.79	
			For Epoxy Resin, Add	78.70	
			For Up To >10, Add	636.36	
			For >10 To 25, Add	371.30	
			For >25 To 50, Add	270.48	
			For >50 To 100, Add	135.24	
			For >500 To 1,000, Deduct	-51.68	
			For >1,000 To 2,000, Deduct	-78.19	
			For >2,000 To 5,000, Deduct	-127.76	
			For >5,000, Deduct	-212.05	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0192 LF 28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,274.89	
For Vinlyester Resin, Add	847.55	
For Epoxy Resin, Add	99.89	
For Up To >10, Add	797.70	
For >10 To 25, Add	462.95	
For >25 To 50, Add	338.31	
For >50 To 100, Add	169.15	
For >500 To 1,000, Deduct	-65.35	
For >1,000 To 2,000, Deduct	-98.82	
For >2,000 To 5,000, Deduct	-161.32	
For >5,000, Deduct	-267.80	
33 01 30 72-0193 LF 28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,425.63	
For Vinlyester Resin, Add	945.29	
For Epoxy Resin, Add	111.41	
For Up To >10, Add	900.84	
For >10 To 25, Add	525.63	
For >25 To 50, Add	382.90	
For >50 To 100, Add	191.45	
For >500 To 1,000, Deduct	-73.16	
For >1,000 To 2,000, Deduct	-110.68	
For >2,000 To 5,000, Deduct	-180.85	
For >5,000, Deduct	-300.17	
33 01 30 72-0194 LF 28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,634.83	
For Vinlyester Resin, Add	1,084.05	
For Epoxy Resin, Add	127.76	
For Up To >10, Add	1,032.89	
For >10 To 25, Add	602.64	
For >25 To 50, Add	439.01	
For >50 To 100, Add	219.51	
For >500 To 1,000, Deduct	-83.90	
For >1,000 To 2,000, Deduct	-126.92	
For >2,000 To 5,000, Deduct	-207.38	
For >5,000, Deduct	-344.20	
33 01 30 72-0195 LF 28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,844.03	
For Vinlyester Resin, Add	1,222.80	
For Epoxy Resin, Add	144.12	
For Up To >10, Add	1,164.97	
For >10 To 25, Add	679.66	
For >25 To 50, Add	495.14	
For >50 To 100, Add	247.57	
For >500 To 1,000, Deduct	-94.63	
For >1,000 To 2,000, Deduct	-143.16	
For >2,000 To 5,000, Deduct	-233.92	
For >5,000, Deduct	-388.24	
33 01 30 72-0196 LF 28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,053.22	
For Vinlyester Resin, Add	1,361.54	
For Epoxy Resin, Add	160.47	
For Up To >10, Add	1,297.01	
For >10 To 25, Add	756.67	
For >25 To 50, Add	551.25	
For >50 To 100, Add	275.63	
For >500 To 1,000, Deduct	-105.37	
For >1,000 To 2,000, Deduct	-159.40	
For >2,000 To 5,000, Deduct	-260.45	
For >5,000, Deduct	-432.28	
33 01 30 72-0197 LF 28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,268.44	
For Vinlyester Resin, Add	1,500.29	
For Epoxy Resin, Add	176.82	
For Up To >10, Add	1,447.15	
For >10 To 25, Add	848.74	
For >25 To 50, Add	616.41	
For >50 To 100, Add	308.20	
For >500 To 1,000, Deduct	-116.55	
For >1,000 To 2,000, Deduct	-176.39	
For >2,000 To 5,000, Deduct	-288.48	
For >5,000, Deduct	-478.72	
33 01 30 72-0198 LF 28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,478.18	
For Vinlyester Resin, Add	1,639.04	
For Epoxy Resin, Add	193.17	
For Up To >10, Add	1,580.84	
For >10 To 25, Add	927.12	
For >25 To 50, Add	673.35	
For >50 To 100, Add	336.67	
For >500 To 1,000, Deduct	-127.33	
For >1,000 To 2,000, Deduct	-192.70	
For >2,000 To 5,000, Deduct	-315.15	
For >5,000, Deduct	-522.98	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0199	LF	28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,688.07	
			For Vinlyester Resin, Add	1,777.79	
			For Epoxy Resin, Add	209.53	
			For Up To >10, Add	1,714.96	
			For >10 To 25, Add	1,005.85	
			For >25 To 50, Add	730.50	
			For >50 To 100, Add	365.25	
			For >500 To 1,000, Deduct	-138.11	
			For >1,000 To 2,000, Deduct	-209.02	
			For >2,000 To 5,000, Deduct	-341.86	
			For >5,000, Deduct	-567.29	
33 01 30	72-0200	LF	28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,897.80	
			For Vinlyester Resin, Add	1,916.54	
			For Epoxy Resin, Add	225.88	
			For Up To >10, Add	1,848.63	
			For >10 To 25, Add	1,084.20	
			For >25 To 50, Add	787.42	
			For >50 To 100, Add	393.71	
			For >500 To 1,000, Deduct	-148.89	
			For >1,000 To 2,000, Deduct	-225.33	
			For >2,000 To 5,000, Deduct	-368.52	
			For >5,000, Deduct	-611.54	
<b>33 01 30</b>	<b>72-0201</b>		<b>30mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30	72-0202	LF	30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	837.01	
			For Vinlyester Resin, Add	555.46	
			For Epoxy Resin, Add	65.46	
			For Up To >10, Add	527.26	
			For >10 To 25, Add	307.13	
			For >25 To 50, Add	223.95	
			For >50 To 100, Add	111.98	
			For >500 To 1,000, Deduct	-42.94	
			For >1,000 To 2,000, Deduct	-64.95	
			For >2,000 To 5,000, Deduct	-106.10	
			For >5,000, Deduct	-176.10	
33 01 30	72-0203	LF	30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	947.10	
			For Vinlyester Resin, Add	628.48	
			For Epoxy Resin, Add	74.07	
			For Up To >10, Add	596.73	
			For >10 To 25, Add	347.63	
			For >25 To 50, Add	253.47	
			For >50 To 100, Add	126.74	
			For >500 To 1,000, Deduct	-48.59	
			For >1,000 To 2,000, Deduct	-73.50	
			For >2,000 To 5,000, Deduct	-120.06	
			For >5,000, Deduct	-199.27	
33 01 30	72-0204	LF	30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,057.19	
			For Vinlyester Resin, Add	701.51	
			For Epoxy Resin, Add	82.68	
			For Up To >10, Add	666.20	
			For >10 To 25, Add	388.14	
			For >25 To 50, Add	282.99	
			For >50 To 100, Add	141.50	
			For >500 To 1,000, Deduct	-54.24	
			For >1,000 To 2,000, Deduct	-82.04	
			For >2,000 To 5,000, Deduct	-134.02	
			For >5,000, Deduct	-222.45	
33 01 30	72-0205	LF	30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,277.22	
			For Vinlyester Resin, Add	847.55	
			For Epoxy Resin, Add	99.89	
			For Up To >10, Add	804.69	
			For >10 To 25, Add	468.77	
			For >25 To 50, Add	341.80	
			For >50 To 100, Add	170.90	
			For >500 To 1,000, Deduct	-65.52	
			For >1,000 To 2,000, Deduct	-99.11	
			For >2,000 To 5,000, Deduct	-161.90	
			For >5,000, Deduct	-268.73	
33 01 30	72-0206	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,497.40	
			For Vinlyester Resin, Add	993.61	
			For Epoxy Resin, Add	117.10	
			For Up To >10, Add	943.60	
			For >10 To 25, Add	549.76	
			For >25 To 50, Add	400.83	
			For >50 To 100, Add	200.41	
			For >500 To 1,000, Deduct	-76.82	
			For >1,000 To 2,000, Deduct	-116.20	
			For >2,000 To 5,000, Deduct	-189.82	
			For >5,000, Deduct	-315.07	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0207 LF 30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,717.43	
For Vinlyester Resin, Add	1,139.66	
For Epoxy Resin, Add	134.32	
For Up To >10, Add	1,082.09	
For >10 To 25, Add	630.40	
For >25 To 50, Add	459.64	
For >50 To 100, Add	229.82	
For >500 To 1,000, Deduct	-88.11	
For >1,000 To 2,000, Deduct	-133.27	
For >2,000 To 5,000, Deduct	-217.71	
For >5,000, Deduct	-361.36	
33 01 30 72-0208 LF 30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,937.60	
For Vinlyester Resin, Add	1,285.71	
For Epoxy Resin, Add	151.53	
For Up To >10, Add	1,220.98	
For >10 To 25, Add	711.36	
For >25 To 50, Add	518.65	
For >50 To 100, Add	259.33	
For >500 To 1,000, Deduct	-99.40	
For >1,000 To 2,000, Deduct	-150.36	
For >2,000 To 5,000, Deduct	-245.63	
For >5,000, Deduct	-407.69	
33 01 30 72-0209 LF 30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,157.65	
For Vinlyester Resin, Add	1,431.77	
For Epoxy Resin, Add	168.74	
For Up To >10, Add	1,359.50	
For >10 To 25, Add	792.02	
For >25 To 50, Add	577.48	
For >50 To 100, Add	288.74	
For >500 To 1,000, Deduct	-110.69	
For >1,000 To 2,000, Deduct	-167.44	
For >2,000 To 5,000, Deduct	-273.51	
For >5,000, Deduct	-453.98	
33 01 30 72-0210 LF 30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,383.99	
For Vinlyester Resin, Add	1,577.81	
For Epoxy Resin, Add	185.96	
For Up To >10, Add	1,516.92	
For >10 To 25, Add	888.43	
For >25 To 50, Add	645.76	
For >50 To 100, Add	322.88	
For >500 To 1,000, Deduct	-122.45	
For >1,000 To 2,000, Deduct	-185.30	
For >2,000 To 5,000, Deduct	-302.97	
For >5,000, Deduct	-502.79	
33 01 30 72-0211 LF 30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,604.58	
For Vinlyester Resin, Add	1,723.87	
For Epoxy Resin, Add	203.17	
For Up To >10, Add	1,657.07	
For >10 To 25, Add	970.44	
For >25 To 50, Add	705.40	
For >50 To 100, Add	352.70	
For >500 To 1,000, Deduct	-133.78	
For >1,000 To 2,000, Deduct	-202.44	
For >2,000 To 5,000, Deduct	-331.00	
For >5,000, Deduct	-549.30	
33 01 30 72-0212 LF 30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,825.30	
For Vinlyester Resin, Add	1,869.92	
For Epoxy Resin, Add	220.38	
For Up To >10, Add	1,797.63	
For >10 To 25, Add	1,052.80	
For >25 To 50, Add	765.25	
For >50 To 100, Add	382.62	
For >500 To 1,000, Deduct	-145.11	
For >1,000 To 2,000, Deduct	-219.60	
For >2,000 To 5,000, Deduct	-359.05	
For >5,000, Deduct	-595.86	
33 01 30 72-0213 LF 30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,046.02	
For Vinlyester Resin, Add	2,015.97	
For Epoxy Resin, Add	237.60	
For Up To >10, Add	1,938.19	
For >10 To 25, Add	1,135.16	
For >25 To 50, Add	825.10	
For >50 To 100, Add	412.55	
For >500 To 1,000, Deduct	-156.45	
For >1,000 To 2,000, Deduct	-236.76	
For >2,000 To 5,000, Deduct	-387.11	
For >5,000, Deduct	-642.42	



**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0214	LF	30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,266.61	
			For Vinlyester Resin, Add	2,162.02	
			For Epoxy Resin, Add	254.81	
			For Up To >10, Add	2,078.33	
			For >10 To 25, Add	1,217.18	
			For >25 To 50, Add	884.74	
			For >50 To 100, Add	442.37	
			For >500 To 1,000, Deduct	-167.78	
			For >1,000 To 2,000, Deduct	-253.90	
			For >2,000 To 5,000, Deduct	-415.13	
			For >5,000, Deduct	-688.92	
33 01 30	72-0215	LF	30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,487.33	
			For Vinlyester Resin, Add	2,308.07	
			For Epoxy Resin, Add	272.02	
			For Up To >10, Add	2,218.89	
			For >10 To 25, Add	1,299.54	
			For >25 To 50, Add	944.58	
			For >50 To 100, Add	472.29	
			For >500 To 1,000, Deduct	-179.12	
			For >1,000 To 2,000, Deduct	-271.05	
			For >2,000 To 5,000, Deduct	-443.19	
			For >5,000, Deduct	-735.48	
<b>33 01 30</b>	<b>72-0216</b>		<b>31.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30	72-0217	LF	31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	876.05	
			For Vinlyester Resin, Add	581.72	
			For Epoxy Resin, Add	68.56	
			For Up To >10, Add	550.58	
			For >10 To 25, Add	320.31	
			For >25 To 50, Add	233.74	
			For >50 To 100, Add	116.87	
			For >500 To 1,000, Deduct	-44.93	
			For >1,000 To 2,000, Deduct	-67.95	
			For >2,000 To 5,000, Deduct	-110.98	
			For >5,000, Deduct	-184.21	
33 01 30	72-0218	LF	31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	991.49	
			For Vinlyester Resin, Add	658.40	
			For Epoxy Resin, Add	77.60	
			For Up To >10, Add	623.05	
			For >10 To 25, Add	362.44	
			For >25 To 50, Add	264.49	
			For >50 To 100, Add	132.25	
			For >500 To 1,000, Deduct	-50.85	
			For >1,000 To 2,000, Deduct	-76.91	
			For >2,000 To 5,000, Deduct	-125.60	
			For >5,000, Deduct	-208.48	
33 01 30	72-0219	LF	31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,106.93	
			For Vinlyester Resin, Add	735.07	
			For Epoxy Resin, Add	86.63	
			For Up To >10, Add	695.54	
			For >10 To 25, Add	404.60	
			For >25 To 50, Add	295.27	
			For >50 To 100, Add	147.63	
			For >500 To 1,000, Deduct	-56.77	
			For >1,000 To 2,000, Deduct	-85.86	
			For >2,000 To 5,000, Deduct	-140.22	
			For >5,000, Deduct	-232.75	
33 01 30	72-0220	LF	31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,337.94	
			For Vinlyester Resin, Add	888.43	
			For Epoxy Resin, Add	104.71	
			For Up To >10, Add	840.87	
			For >10 To 25, Add	489.20	
			For >25 To 50, Add	356.98	
			For >50 To 100, Add	178.49	
			For >500 To 1,000, Deduct	-68.62	
			For >1,000 To 2,000, Deduct	-103.78	
			For >2,000 To 5,000, Deduct	-169.49	
			For >5,000, Deduct	-281.34	
33 01 30	72-0221	LF	31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,568.82	
			For Vinlyester Resin, Add	1,041.78	
			For Epoxy Resin, Add	122.78	
			For Up To >10, Add	985.81	
			For >10 To 25, Add	573.47	
			For >25 To 50, Add	418.49	
			For >50 To 100, Add	209.25	
			For >500 To 1,000, Deduct	-80.46	
			For >1,000 To 2,000, Deduct	-121.69	
			For >2,000 To 5,000, Deduct	-198.73	
			For >5,000, Deduct	-329.88	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0222 LF 31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,799.85	
For Vinlyester Resin, Add	1,195.14	
For Epoxy Resin, Add	140.86	
For Up To >10, Add	1,131.20	
For >10 To 25, Add	658.11	
For >25 To 50, Add	480.23	
For >50 To 100, Add	240.12	
For >500 To 1,000, Deduct	-92.31	
For >1,000 To 2,000, Deduct	-139.61	
For >2,000 To 5,000, Deduct	-228.01	
For >5,000, Deduct	-378.47	
33 01 30 72-0223 LF 31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,030.72	
For Vinlyester Resin, Add	1,348.49	
For Epoxy Resin, Add	158.93	
For Up To >10, Add	1,276.14	
For >10 To 25, Add	742.38	
For >25 To 50, Add	541.75	
For >50 To 100, Add	270.87	
For >500 To 1,000, Deduct	-104.14	
For >1,000 To 2,000, Deduct	-157.52	
For >2,000 To 5,000, Deduct	-257.25	
For >5,000, Deduct	-427.01	
33 01 30 72-0224 LF 31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,261.60	
For Vinlyester Resin, Add	1,501.84	
For Epoxy Resin, Add	177.00	
For Up To >10, Add	1,421.08	
For >10 To 25, Add	826.65	
For >25 To 50, Add	603.26	
For >50 To 100, Add	301.63	
For >500 To 1,000, Deduct	-115.98	
For >1,000 To 2,000, Deduct	-175.43	
For >2,000 To 5,000, Deduct	-286.49	
For >5,000, Deduct	-475.54	
33 01 30 72-0225 LF 31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,499.08	
For Vinlyester Resin, Add	1,655.20	
For Epoxy Resin, Add	195.08	
For Up To >10, Add	1,585.82	
For >10 To 25, Add	927.42	
For >25 To 50, Add	674.68	
For >50 To 100, Add	337.34	
For >500 To 1,000, Deduct	-128.32	
For >1,000 To 2,000, Deduct	-194.16	
For >2,000 To 5,000, Deduct	-317.38	
For >5,000, Deduct	-526.72	
33 01 30 72-0226 LF 31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,748.42	
For Vinlyester Resin, Add	1,820.90	
For Epoxy Resin, Add	214.61	
For Up To >10, Add	1,742.04	
For >10 To 25, Add	1,018.15	
For >25 To 50, Add	740.95	
For >50 To 100, Add	370.48	
For >500 To 1,000, Deduct	-141.10	
For >1,000 To 2,000, Deduct	-213.49	
For >2,000 To 5,000, Deduct	-348.94	
For >5,000, Deduct	-579.11	
33 01 30 72-0227 LF 31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,962.07	
For Vinlyester Resin, Add	1,961.90	
For Epoxy Resin, Add	231.22	
For Up To >10, Add	1,879.41	
For >10 To 25, Add	1,099.06	
For >25 To 50, Add	799.57	
For >50 To 100, Add	399.78	
For >500 To 1,000, Deduct	-152.09	
For >1,000 To 2,000, Deduct	-230.12	
For >2,000 To 5,000, Deduct	-376.16	
For >5,000, Deduct	-624.28	
33 01 30 72-0228 LF 31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,193.64	
For Vinlyester Resin, Add	2,115.26	
For Epoxy Resin, Add	249.30	
For Up To >10, Add	2,026.42	
For >10 To 25, Add	1,185.05	
For >25 To 50, Add	862.12	
For >50 To 100, Add	431.06	
For >500 To 1,000, Deduct	-163.98	
For >1,000 To 2,000, Deduct	-248.12	
For >2,000 To 5,000, Deduct	-405.58	
For >5,000, Deduct	-673.10	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

33 01 30 72-0229	LF 31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,425.06	
	For Vinlyester Resin, Add	2,268.61	
	For Epoxy Resin, Add	267.37	
	For Up To >10, Add	2,173.01	
	For >10 To 25, Add	1,270.69	
	For >25 To 50, Add	924.46	
	For >50 To 100, Add	462.23	
	For >500 To 1,000, Deduct	-175.86	
	For >1,000 To 2,000, Deduct	-266.09	
	For >2,000 To 5,000, Deduct	-434.95	
	For >5,000, Deduct	-721.85	
33 01 30 72-0230	LF 31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,656.63	
	For Vinlyester Resin, Add	2,421.97	
	For Epoxy Resin, Add	285.45	
	For Up To >10, Add	2,320.02	
	For >10 To 25, Add	1,356.69	
	For >25 To 50, Add	987.01	
	For >50 To 100, Add	493.51	
	For >500 To 1,000, Deduct	-187.75	
	For >1,000 To 2,000, Deduct	-284.08	
	For >2,000 To 5,000, Deduct	-464.36	
	For >5,000, Deduct	-770.66	
<b>33 01 30 72-0231</b>	<b>33mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0232	LF 33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	914.73	
	For Vinlyester Resin, Add	607.84	
	For Epoxy Resin, Add	71.64	
	For Up To >10, Add	573.34	
	For >10 To 25, Add	333.06	
	For >25 To 50, Add	243.25	
	For >50 To 100, Add	121.63	
	For >500 To 1,000, Deduct	-46.90	
	For >1,000 To 2,000, Deduct	-70.92	
	For >2,000 To 5,000, Deduct	-115.80	
	For >5,000, Deduct	-192.22	
33 01 30 72-0233	LF 33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,035.65	
	For Vinlyester Resin, Add	688.16	
	For Epoxy Resin, Add	81.10	
	For Up To >10, Add	649.23	
	For >10 To 25, Add	377.17	
	For >25 To 50, Add	275.46	
	For >50 To 100, Add	137.73	
	For >500 To 1,000, Deduct	-53.10	
	For >1,000 To 2,000, Deduct	-80.30	
	For >2,000 To 5,000, Deduct	-131.11	
	For >5,000, Deduct	-217.64	
33 01 30 72-0234	LF 33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,156.45	
	For Vinlyester Resin, Add	768.50	
	For Epoxy Resin, Add	90.57	
	For Up To >10, Add	724.73	
	For >10 To 25, Add	420.96	
	For >25 To 50, Add	307.47	
	For >50 To 100, Add	153.74	
	For >500 To 1,000, Deduct	-59.29	
	For >1,000 To 2,000, Deduct	-89.66	
	For >2,000 To 5,000, Deduct	-146.39	
	For >5,000, Deduct	-243.01	
33 01 30 72-0235	LF 33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,398.32	
	For Vinlyester Resin, Add	929.15	
	For Epoxy Resin, Add	109.51	
	For Up To >10, Add	876.56	
	For >10 To 25, Add	509.24	
	For >25 To 50, Add	371.91	
	For >50 To 100, Add	185.96	
	For >500 To 1,000, Deduct	-71.69	
	For >1,000 To 2,000, Deduct	-108.42	
	For >2,000 To 5,000, Deduct	-177.02	
	For >5,000, Deduct	-293.86	
33 01 30 72-0236	LF 33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,640.05	
	For Vinlyester Resin, Add	1,089.81	
	For Epoxy Resin, Add	128.44	
	For Up To >10, Add	1,027.98	
	For >10 To 25, Add	597.17	
	For >25 To 50, Add	436.14	
	For >50 To 100, Add	218.07	
	For >500 To 1,000, Deduct	-84.08	
	For >1,000 To 2,000, Deduct	-127.16	
	For >2,000 To 5,000, Deduct	-207.62	
	For >5,000, Deduct	-344.65	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0237 LF 33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,881.90	
For Vinlyester Resin, Add	1,250.47	
For Epoxy Resin, Add	147.38	
For Up To >10, Add	1,179.75	
For >10 To 25, Add	685.40	
For >25 To 50, Add	500.56	
For >50 To 100, Add	250.28	
For >500 To 1,000, Deduct	-96.48	
For >1,000 To 2,000, Deduct	-145.92	
For >2,000 To 5,000, Deduct	-238.25	
For >5,000, Deduct	-395.48	
33 01 30 72-0238 LF 33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,123.63	
For Vinlyester Resin, Add	1,411.12	
For Epoxy Resin, Add	166.31	
For Up To >10, Add	1,331.17	
For >10 To 25, Add	773.32	
For >25 To 50, Add	564.79	
For >50 To 100, Add	282.39	
For >500 To 1,000, Deduct	-108.88	
For >1,000 To 2,000, Deduct	-164.66	
For >2,000 To 5,000, Deduct	-268.84	
For >5,000, Deduct	-446.27	
33 01 30 72-0239 LF 33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,365.35	
For Vinlyester Resin, Add	1,571.78	
For Epoxy Resin, Add	185.25	
For Up To >10, Add	1,482.55	
For >10 To 25, Add	861.23	
For >25 To 50, Add	629.01	
For >50 To 100, Add	314.50	
For >500 To 1,000, Deduct	-121.27	
For >1,000 To 2,000, Deduct	-183.40	
For >2,000 To 5,000, Deduct	-299.44	
For >5,000, Deduct	-497.06	
33 01 30 72-0240 LF 33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,613.79	
For Vinlyester Resin, Add	1,732.43	
For Epoxy Resin, Add	204.18	
For Up To >10, Add	1,654.12	
For >10 To 25, Add	965.95	
For >25 To 50, Add	703.32	
For >50 To 100, Add	351.66	
For >500 To 1,000, Deduct	-134.16	
For >1,000 To 2,000, Deduct	-202.98	
For >2,000 To 5,000, Deduct	-331.71	
For >5,000, Deduct	-550.54	
33 01 30 72-0241 LF 33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,856.62	
For Vinlyester Resin, Add	1,893.09	
For Epoxy Resin, Add	223.11	
For Up To >10, Add	1,808.81	
For >10 To 25, Add	1,056.61	
For >25 To 50, Add	769.18	
For >50 To 100, Add	384.59	
For >500 To 1,000, Deduct	-146.64	
For >1,000 To 2,000, Deduct	-221.86	
For >2,000 To 5,000, Deduct	-362.58	
For >5,000, Deduct	-601.76	
33 01 30 72-0242 LF 33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,098.48	
For Vinlyester Resin, Add	2,053.74	
For Epoxy Resin, Add	242.05	
For Up To >10, Add	1,960.64	
For >10 To 25, Add	1,144.88	
For >25 To 50, Add	833.62	
For >50 To 100, Add	416.81	
For >500 To 1,000, Deduct	-159.04	
For >1,000 To 2,000, Deduct	-240.61	
For >2,000 To 5,000, Deduct	-393.21	
For >5,000, Deduct	-652.61	
33 01 30 72-0243 LF 33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,340.90	
For Vinlyester Resin, Add	2,214.40	
For Epoxy Resin, Add	260.98	
For Up To >10, Add	2,114.13	
For >10 To 25, Add	1,234.53	
For >25 To 50, Add	898.89	
For >50 To 100, Add	449.45	
For >500 To 1,000, Deduct	-171.48	
For >1,000 To 2,000, Deduct	-259.44	
For >2,000 To 5,000, Deduct	-423.98	
For >5,000, Deduct	-703.67	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0244	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,583.30	
			For Vinlyester Resin, Add	2,375.06	
			For Epoxy Resin, Add	279.92	
			For Up To >10, Add	2,267.55	
			For >10 To 25, Add	1,324.14	
			For >25 To 50, Add	964.13	
			For >50 To 100, Add	482.06	
			For >500 To 1,000, Deduct	-183.92	
			For >1,000 To 2,000, Deduct	-278.27	
			For >2,000 To 5,000, Deduct	-454.74	
			For >5,000, Deduct	-754.73	
33 01 30	72-0245	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,825.71	
			For Vinlyester Resin, Add	2,535.72	
			For Epoxy Resin, Add	298.85	
			For Up To >10, Add	2,421.01	
			For >10 To 25, Add	1,413.76	
			For >25 To 50, Add	1,029.38	
			For >50 To 100, Add	514.69	
			For >500 To 1,000, Deduct	-196.37	
			For >1,000 To 2,000, Deduct	-297.09	
			For >2,000 To 5,000, Deduct	-485.51	
			For >5,000, Deduct	-805.79	
<b>33 01 30</b>	<b>72-0246</b>		<b>34.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30	72-0247	LF	34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,079.23	
			For Vinlyester Resin, Add	717.79	
			For Epoxy Resin, Add	84.60	
			For Up To >10, Add	674.14	
			For >10 To 25, Add	390.88	
			For >25 To 50, Add	285.80	
			For >50 To 100, Add	142.90	
			For >500 To 1,000, Deduct	-55.31	
			For >1,000 To 2,000, Deduct	-83.63	
			For >2,000 To 5,000, Deduct	-136.50	
			For >5,000, Deduct	-226.61	
33 01 30	72-0248	LF	34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,205.51	
			For Vinlyester Resin, Add	801.77	
			For Epoxy Resin, Add	94.49	
			For Up To >10, Add	753.06	
			For >10 To 25, Add	436.65	
			For >25 To 50, Add	319.26	
			For >50 To 100, Add	159.63	
			For >500 To 1,000, Deduct	-61.78	
			For >1,000 To 2,000, Deduct	-93.42	
			For >2,000 To 5,000, Deduct	-152.48	
			For >5,000, Deduct	-253.13	
33 01 30	72-0249	LF	34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,458.07	
			For Vinlyester Resin, Add	969.73	
			For Epoxy Resin, Add	114.29	
			For Up To >10, Add	910.89	
			For >10 To 25, Add	528.18	
			For >25 To 50, Add	386.18	
			For >50 To 100, Add	193.09	
			For >500 To 1,000, Deduct	-74.72	
			For >1,000 To 2,000, Deduct	-112.99	
			For >2,000 To 5,000, Deduct	-184.42	
			For >5,000, Deduct	-306.16	
33 01 30	72-0250	LF	34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,710.50	
			For Vinlyester Resin, Add	1,137.69	
			For Epoxy Resin, Add	134.08	
			For Up To >10, Add	1,068.33	
			For >10 To 25, Add	619.39	
			For >25 To 50, Add	452.90	
			For >50 To 100, Add	226.45	
			For >500 To 1,000, Deduct	-87.66	
			For >1,000 To 2,000, Deduct	-132.55	
			For >2,000 To 5,000, Deduct	-216.34	
			For >5,000, Deduct	-359.15	
33 01 30	72-0251	LF	34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,963.06	
			For Vinlyester Resin, Add	1,305.65	
			For Epoxy Resin, Add	153.88	
			For Up To >10, Add	1,226.16	
			For >10 To 25, Add	710.93	
			For >25 To 50, Add	519.82	
			For >50 To 100, Add	259.91	
			For >500 To 1,000, Deduct	-100.60	
			For >1,000 To 2,000, Deduct	-152.12	
			For >2,000 To 5,000, Deduct	-248.29	
			For >5,000, Deduct	-412.18	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0252 LF 34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,215.51	
For Vinlyester Resin, Add	1,473.61	
For Epoxy Resin, Add	173.68	
For Up To >10, Add	1,383.63	
For >10 To 25, Add	802.17	
For >25 To 50, Add	586.56	
For >50 To 100, Add	293.28	
For >500 To 1,000, Deduct	-113.53	
For >1,000 To 2,000, Deduct	-171.68	
For >2,000 To 5,000, Deduct	-280.21	
For >5,000, Deduct	-465.17	
33 01 30 72-0253 LF 34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,468.07	
For Vinlyester Resin, Add	1,641.57	
For Epoxy Resin, Add	193.47	
For Up To >10, Add	1,541.46	
For >10 To 25, Add	893.70	
For >25 To 50, Add	653.48	
For >50 To 100, Add	326.74	
For >500 To 1,000, Deduct	-126.48	
For >1,000 To 2,000, Deduct	-191.25	
For >2,000 To 5,000, Deduct	-312.15	
For >5,000, Deduct	-518.21	
33 01 30 72-0254 LF 34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,727.37	
For Vinlyester Resin, Add	1,809.53	
For Epoxy Resin, Add	213.27	
For Up To >10, Add	1,719.51	
For >10 To 25, Add	1,002.09	
For >25 To 50, Add	730.50	
For >50 To 100, Add	365.25	
For >500 To 1,000, Deduct	-139.93	
For >1,000 To 2,000, Deduct	-211.67	
For >2,000 To 5,000, Deduct	-345.79	
For >5,000, Deduct	-573.94	
33 01 30 72-0255 LF 34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,980.76	
For Vinlyester Resin, Add	1,977.49	
For Epoxy Resin, Add	233.06	
For Up To >10, Add	1,879.83	
For >10 To 25, Add	1,095.70	
For >25 To 50, Add	798.67	
For >50 To 100, Add	399.33	
For >500 To 1,000, Deduct	-152.93	
For >1,000 To 2,000, Deduct	-231.35	
For >2,000 To 5,000, Deduct	-377.94	
For >5,000, Deduct	-627.31	
33 01 30 72-0256 LF 34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,231.41	
For Vinlyester Resin, Add	2,145.44	
For Epoxy Resin, Add	252.86	
For Up To >10, Add	2,031.93	
For >10 To 25, Add	1,182.46	
For >25 To 50, Add	862.72	
For >50 To 100, Add	431.36	
For >500 To 1,000, Deduct	-165.73	
For >1,000 To 2,000, Deduct	-250.68	
For >2,000 To 5,000, Deduct	-409.41	
For >5,000, Deduct	-679.58	
33 01 30 72-0257 LF 34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,486.85	
For Vinlyester Resin, Add	2,313.40	
For Epoxy Resin, Add	272.65	
For Up To >10, Add	2,198.40	
For >10 To 25, Add	1,281.19	
For >25 To 50, Add	933.96	
For >50 To 100, Add	466.98	
For >500 To 1,000, Deduct	-178.89	
For >1,000 To 2,000, Deduct	-270.61	
For >2,000 To 5,000, Deduct	-442.08	
For >5,000, Deduct	-733.77	
33 01 30 72-0258 LF 34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,739.97	
For Vinlyester Resin, Add	2,481.36	
For Epoxy Resin, Add	292.45	
For Up To >10, Add	2,357.91	
For >10 To 25, Add	1,374.13	
For >25 To 50, Add	1,001.72	
For >50 To 100, Add	500.86	
For >500 To 1,000, Deduct	-191.88	
For >1,000 To 2,000, Deduct	-290.26	
For >2,000 To 5,000, Deduct	-474.17	
For >5,000, Deduct	-787.03	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0259	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,993.09	
			<i>For Vinlyester Resin, Add</i>	2,649.33	
			<i>For Epoxy Resin, Add</i>	312.24	
			<i>For Up To &gt;10, Add</i>	2,517.40	
			<i>For &gt;10 To 25, Add</i>	1,467.04	
			<i>For &gt;25 To 50, Add</i>	1,069.46	
			<i>For &gt;50 To 100, Add</i>	534.73	
			<i>For &gt;500 To 1,000, Deduct</i>	-204.86	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-309.90	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-506.26	
			<i>For &gt;5,000, Deduct</i>	-840.29	
33 01 30	72-0260		<b>36mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30	72-0261	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,122.58	
			<i>For Vinlyester Resin, Add</i>	747.28	
			<i>For Epoxy Resin, Add</i>	88.07	
			<i>For Up To &gt;10, Add</i>	698.89	
			<i>For &gt;10 To 25, Add</i>	404.49	
			<i>For &gt;25 To 50, Add</i>	296.07	
			<i>For &gt;50 To 100, Add</i>	148.03	
			<i>For &gt;500 To 1,000, Deduct</i>	-57.51	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-86.95	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-141.86	
			<i>For &gt;5,000, Deduct</i>	-235.52	
33 01 30	72-0262	LF	36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,254.21	
			<i>For Vinlyester Resin, Add</i>	834.90	
			<i>For Epoxy Resin, Add</i>	98.40	
			<i>For Up To &gt;10, Add</i>	780.83	
			<i>For &gt;10 To 25, Add</i>	451.91	
			<i>For &gt;25 To 50, Add</i>	330.78	
			<i>For &gt;50 To 100, Add</i>	165.39	
			<i>For &gt;500 To 1,000, Deduct</i>	-64.25	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-97.14	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-158.50	
			<i>For &gt;5,000, Deduct</i>	-263.14	
33 01 30	72-0263	LF	36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,517.49	
			<i>For Vinlyester Resin, Add</i>	1,010.17	
			<i>For Epoxy Resin, Add</i>	119.06	
			<i>For Up To &gt;10, Add</i>	944.72	
			<i>For &gt;10 To 25, Add</i>	546.75	
			<i>For &gt;25 To 50, Add</i>	400.21	
			<i>For &gt;50 To 100, Add</i>	200.10	
			<i>For &gt;500 To 1,000, Deduct</i>	-77.73	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-117.53	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-191.77	
			<i>For &gt;5,000, Deduct</i>	-318.38	
33 01 30	72-0264	LF	36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,780.77	
			<i>For Vinlyester Resin, Add</i>	1,185.44	
			<i>For Epoxy Resin, Add</i>	139.71	
			<i>For Up To &gt;10, Add</i>	1,108.61	
			<i>For &gt;10 To 25, Add</i>	641.60	
			<i>For &gt;25 To 50, Add</i>	469.63	
			<i>For &gt;50 To 100, Add</i>	234.82	
			<i>For &gt;500 To 1,000, Deduct</i>	-91.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-137.92	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-225.04	
			<i>For &gt;5,000, Deduct</i>	-373.61	
33 01 30	72-0265	LF	36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,043.91	
			<i>For Vinlyester Resin, Add</i>	1,360.70	
			<i>For Epoxy Resin, Add</i>	160.37	
			<i>For Up To &gt;10, Add</i>	1,272.11	
			<i>For &gt;10 To 25, Add</i>	736.11	
			<i>For &gt;25 To 50, Add</i>	538.86	
			<i>For &gt;50 To 100, Add</i>	269.43	
			<i>For &gt;500 To 1,000, Deduct</i>	-104.70	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-158.30	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-258.28	
			<i>For &gt;5,000, Deduct</i>	-428.79	
33 01 30	72-0266	LF	36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,307.17	
			<i>For Vinlyester Resin, Add</i>	1,535.95	
			<i>For Epoxy Resin, Add</i>	181.02	
			<i>For Up To &gt;10, Add</i>	1,435.96	
			<i>For &gt;10 To 25, Add</i>	830.93	
			<i>For &gt;25 To 50, Add</i>	608.27	
			<i>For &gt;50 To 100, Add</i>	304.13	
			<i>For &gt;500 To 1,000, Deduct</i>	-118.18	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-178.69	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-291.54	
			<i>For &gt;5,000, Deduct</i>	-484.02	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0267 LF 36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,570.45	
For Vinlyester Resin, Add	1,711.21	
For Epoxy Resin, Add	201.68	
For Up To >10, Add	1,599.88	
For >10 To 25, Add	925.80	
For >25 To 50, Add	677.71	
For >50 To 100, Add	338.85	
For >500 To 1,000, Deduct	-131.67	
For >1,000 To 2,000, Deduct	-199.08	
For >2,000 To 5,000, Deduct	-324.82	
For >5,000, Deduct	-539.26	
33 01 30 72-0268 LF 36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,840.73	
For Vinlyester Resin, Add	1,886.48	
For Epoxy Resin, Add	222.34	
For Up To >10, Add	1,784.77	
For >10 To 25, Add	1,038.14	
For >25 To 50, Add	757.63	
For >50 To 100, Add	378.82	
For >500 To 1,000, Deduct	-145.68	
For >1,000 To 2,000, Deduct	-220.34	
For >2,000 To 5,000, Deduct	-359.84	
For >5,000, Deduct	-597.30	
33 01 30 72-0269 LF 36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,104.69	
For Vinlyester Resin, Add	2,061.74	
For Epoxy Resin, Add	242.99	
For Up To >10, Add	1,950.72	
For >10 To 25, Add	1,134.71	
For >25 To 50, Add	828.09	
For >50 To 100, Add	414.05	
For >500 To 1,000, Deduct	-159.22	
For >1,000 To 2,000, Deduct	-240.82	
For >2,000 To 5,000, Deduct	-393.28	
For >5,000, Deduct	-652.81	
33 01 30 72-0270 LF 36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,363.97	
For Vinlyester Resin, Add	2,237.00	
For Epoxy Resin, Add	263.65	
For Up To >10, Add	2,102.64	
For >10 To 25, Add	1,219.58	
For >25 To 50, Add	891.53	
For >50 To 100, Add	445.77	
For >500 To 1,000, Deduct	-172.41	
For >1,000 To 2,000, Deduct	-260.71	
For >2,000 To 5,000, Deduct	-425.55	
For >5,000, Deduct	-706.45	
33 01 30 72-0271 LF 36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,632.47	
For Vinlyester Resin, Add	2,412.26	
For Epoxy Resin, Add	284.30	
For Up To >10, Add	2,282.19	
For >10 To 25, Add	1,327.47	
For >25 To 50, Add	968.79	
For >50 To 100, Add	484.39	
For >500 To 1,000, Deduct	-186.28	
For >1,000 To 2,000, Deduct	-281.75	
For >2,000 To 5,000, Deduct	-460.13	
For >5,000, Deduct	-763.77	
33 01 30 72-0272 LF 36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,896.43	
For Vinlyester Resin, Add	2,587.52	
For Epoxy Resin, Add	304.96	
For Up To >10, Add	2,448.14	
For >10 To 25, Add	1,424.04	
For >25 To 50, Add	1,039.25	
For >50 To 100, Add	519.62	
For >500 To 1,000, Deduct	-199.82	
For >1,000 To 2,000, Deduct	-302.23	
For >2,000 To 5,000, Deduct	-493.57	
For >5,000, Deduct	-819.28	
33 01 30 72-0273 LF 36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,160.39	
For Vinlyester Resin, Add	2,762.79	
For Epoxy Resin, Add	325.61	
For Up To >10, Add	2,614.07	
For >10 To 25, Add	1,520.59	
For >25 To 50, Add	1,109.69	
For >50 To 100, Add	554.85	
For >500 To 1,000, Deduct	-213.36	
For >1,000 To 2,000, Deduct	-322.71	
For >2,000 To 5,000, Deduct	-527.01	
For >5,000, Deduct	-874.79	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0274	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,424.22	
			For Vinlyester Resin, Add	2,938.05	
			For Epoxy Resin, Add	346.27	
			For Up To >10, Add	2,779.64	
			For >10 To 25, Add	1,616.83	
			For >25 To 50, Add	1,179.96	
			For >50 To 100, Add	589.98	
			For >500 To 1,000, Deduct	-226.89	
			For >1,000 To 2,000, Deduct	-343.17	
			For >2,000 To 5,000, Deduct	-560.42	
			For >5,000, Deduct	-930.25	
33 01 30	72-0275	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,688.17	
			For Vinlyester Resin, Add	3,113.31	
			For Epoxy Resin, Add	366.93	
			For Up To >10, Add	2,945.56	
			For >10 To 25, Add	1,713.37	
			For >25 To 50, Add	1,250.40	
			For >50 To 100, Add	625.20	
			For >500 To 1,000, Deduct	-240.42	
			For >1,000 To 2,000, Deduct	-363.64	
			For >2,000 To 5,000, Deduct	-593.86	
			For >5,000, Deduct	-985.75	
<b>33 01 30</b>	<b>72-0276</b>		<b>37.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)</b>		
33 01 30	72-0277	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,302.57	
			For Vinlyester Resin, Add	867.90	
			For Epoxy Resin, Add	102.29	
			For Up To >10, Add	808.09	
			For >10 To 25, Add	466.76	
			For >25 To 50, Add	342.05	
			For >50 To 100, Add	171.03	
			For >500 To 1,000, Deduct	-66.70	
			For >1,000 To 2,000, Deduct	-100.83	
			For >2,000 To 5,000, Deduct	-164.46	
			For >5,000, Deduct	-273.06	
33 01 30	72-0278	LF	37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,576.55	
			For Vinlyester Resin, Add	1,050.46	
			For Epoxy Resin, Add	123.80	
			For Up To >10, Add	978.00	
			For >10 To 25, Add	564.89	
			For >25 To 50, Add	413.97	
			For >50 To 100, Add	206.98	
			For >500 To 1,000, Deduct	-80.72	
			For >1,000 To 2,000, Deduct	-122.04	
			For >2,000 To 5,000, Deduct	-199.05	
			For >5,000, Deduct	-330.49	
33 01 30	72-0279	LF	37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,850.55	
			For Vinlyester Resin, Add	1,233.03	
			For Epoxy Resin, Add	145.32	
			For Up To >10, Add	1,147.98	
			For >10 To 25, Add	663.07	
			For >25 To 50, Add	485.91	
			For >50 To 100, Add	242.96	
			For >500 To 1,000, Deduct	-94.75	
			For >1,000 To 2,000, Deduct	-143.25	
			For >2,000 To 5,000, Deduct	-233.65	
			For >5,000, Deduct	-387.93	
33 01 30	72-0280	LF	37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,124.52	
			For Vinlyester Resin, Add	1,415.59	
			For Epoxy Resin, Add	166.84	
			For Up To >10, Add	1,317.89	
			For >10 To 25, Add	761.19	
			For >25 To 50, Add	557.83	
			For >50 To 100, Add	278.91	
			For >500 To 1,000, Deduct	-108.78	
			For >1,000 To 2,000, Deduct	-164.45	
			For >2,000 To 5,000, Deduct	-268.23	
			For >5,000, Deduct	-445.35	
33 01 30	72-0281	LF	37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,398.51	
			For Vinlyester Resin, Add	1,598.16	
			For Epoxy Resin, Add	188.35	
			For Up To >10, Add	1,487.83	
			For >10 To 25, Add	859.35	
			For >25 To 50, Add	629.76	
			For >50 To 100, Add	314.88	
			For >500 To 1,000, Deduct	-122.81	
			For >1,000 To 2,000, Deduct	-185.66	
			For >2,000 To 5,000, Deduct	-302.83	
			For >5,000, Deduct	-502.79	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0282 LF 37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,672.49	
For Vinlyester Resin, Add	1,780.72	
For Epoxy Resin, Add	209.87	
For Up To >10, Add	1,657.75	
For >10 To 25, Add	957.47	
For >25 To 50, Add	701.68	
For >50 To 100, Add	350.84	
For >500 To 1,000, Deduct	-136.84	
For >1,000 To 2,000, Deduct	-206.87	
For >2,000 To 5,000, Deduct	-337.42	
For >5,000, Deduct	-560.22	
33 01 30 72-0283 LF 37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,953.60	
For Vinlyester Resin, Add	1,963.28	
For Epoxy Resin, Add	231.39	
For Up To >10, Add	1,849.08	
For >10 To 25, Add	1,073.45	
For >25 To 50, Add	784.30	
For >50 To 100, Add	392.15	
For >500 To 1,000, Deduct	-151.40	
For >1,000 To 2,000, Deduct	-228.97	
For >2,000 To 5,000, Deduct	-373.79	
For >5,000, Deduct	-620.50	
33 01 30 72-0284 LF 37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,228.27	
For Vinlyester Resin, Add	2,145.84	
For Epoxy Resin, Add	252.90	
For Up To >10, Add	2,021.09	
For >10 To 25, Add	1,173.32	
For >25 To 50, Add	857.27	
For >50 To 100, Add	428.63	
For >500 To 1,000, Deduct	-165.48	
For >1,000 To 2,000, Deduct	-250.26	
For >2,000 To 5,000, Deduct	-408.55	
For >5,000, Deduct	-678.21	
33 01 30 72-0285 LF 37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,500.60	
For Vinlyester Resin, Add	2,328.41	
For Epoxy Resin, Add	274.42	
For Up To >10, Add	2,186.05	
For >10 To 25, Add	1,267.33	
For >25 To 50, Add	926.71	
For >50 To 100, Add	463.36	
For >500 To 1,000, Deduct	-179.39	
For >1,000 To 2,000, Deduct	-271.26	
For >2,000 To 5,000, Deduct	-442.73	
For >5,000, Deduct	-734.98	
33 01 30 72-0286 LF 37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,777.61	
For Vinlyester Resin, Add	2,510.98	
For Epoxy Resin, Add	295.94	
For Up To >10, Add	2,365.06	
For >10 To 25, Add	1,373.03	
For >25 To 50, Add	1,003.17	
For >50 To 100, Add	501.59	
For >500 To 1,000, Deduct	-193.64	
For >1,000 To 2,000, Deduct	-292.85	
For >2,000 To 5,000, Deduct	-478.08	
For >5,000, Deduct	-793.62	
33 01 30 72-0287 LF 37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,052.27	
For Vinlyester Resin, Add	2,693.54	
For Epoxy Resin, Add	317.45	
For Up To >10, Add	2,537.04	
For >10 To 25, Add	1,472.88	
For >25 To 50, Add	1,076.12	
For >50 To 100, Add	538.06	
For >500 To 1,000, Deduct	-207.72	
For >1,000 To 2,000, Deduct	-314.14	
For >2,000 To 5,000, Deduct	-512.84	
For >5,000, Deduct	-851.33	
33 01 30 72-0288 LF 37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,326.81	
For Vinlyester Resin, Add	2,876.10	
For Epoxy Resin, Add	338.97	
For Up To >10, Add	2,708.63	
For >10 To 25, Add	1,572.41	
For >25 To 50, Add	1,148.88	
For >50 To 100, Add	574.44	
For >500 To 1,000, Deduct	-221.79	
For >1,000 To 2,000, Deduct	-335.42	
For >2,000 To 5,000, Deduct	-547.57	
For >5,000, Deduct	-908.98	



**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0289	LF		37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,601.48	
			<i>For Vinlyester Resin, Add</i>	3,058.67	
			<i>For Epoxy Resin, Add</i>	360.49	
			<i>For Up To &gt;10, Add</i>	2,880.62	
			<i>For &gt;10 To 25, Add</i>	1,672.26	
			<i>For &gt;25 To 50, Add</i>	1,221.83	
			<i>For &gt;50 To 100, Add</i>	610.92	
			<i>For &gt;500 To 1,000, Deduct</i>	-235.87	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-356.71	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-582.33	
			<i>For &gt;5,000, Deduct</i>	-966.69	
33 01 30 72-0290	LF		37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,876.15	
			<i>For Vinlyester Resin, Add</i>	3,241.23	
			<i>For Epoxy Resin, Add</i>	382.00	
			<i>For Up To &gt;10, Add</i>	3,052.63	
			<i>For &gt;10 To 25, Add</i>	1,772.13	
			<i>For &gt;25 To 50, Add</i>	1,294.80	
			<i>For &gt;50 To 100, Add</i>	647.40	
			<i>For &gt;500 To 1,000, Deduct</i>	-249.95	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-378.00	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-617.09	
			<i>For &gt;5,000, Deduct</i>	-1,024.39	
<b>33 01 30 72-0291</b>			<b>39mm Thick Lining Cured In-Place Pipe</b> <small>(33 01 30 72-0015)</small>		
33 01 30 72-0292	LF		39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,635.43	
			<i>For Vinlyester Resin, Add</i>	1,090.61	
			<i>For Epoxy Resin, Add</i>	128.54	
			<i>For Up To &gt;10, Add</i>	1,011.24	
			<i>For &gt;10 To 25, Add</i>	583.03	
			<i>For &gt;25 To 50, Add</i>	427.72	
			<i>For &gt;50 To 100, Add</i>	213.86	
			<i>For &gt;500 To 1,000, Deduct</i>	-83.71	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-126.53	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-206.31	
			<i>For &gt;5,000, Deduct</i>	-342.57	
33 01 30 72-0293	LF		39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,920.11	
			<i>For Vinlyester Resin, Add</i>	1,280.48	
			<i>For Epoxy Resin, Add</i>	150.91	
			<i>For Up To &gt;10, Add</i>	1,187.18	
			<i>For &gt;10 To 25, Add</i>	684.44	
			<i>For &gt;25 To 50, Add</i>	502.13	
			<i>For &gt;50 To 100, Add</i>	251.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-98.28	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-148.55	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-242.22	
			<i>For &gt;5,000, Deduct</i>	-402.19	
33 01 30 72-0294	LF		39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,204.81	
			<i>For Vinlyester Resin, Add</i>	1,470.35	
			<i>For Epoxy Resin, Add</i>	173.29	
			<i>For Up To &gt;10, Add</i>	1,363.18	
			<i>For &gt;10 To 25, Add</i>	785.90	
			<i>For &gt;25 To 50, Add</i>	576.57	
			<i>For &gt;50 To 100, Add</i>	288.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-112.85	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-170.58	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-278.14	
			<i>For &gt;5,000, Deduct</i>	-461.82	
33 01 30 72-0295	LF		39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,489.49	
			<i>For Vinlyester Resin, Add</i>	1,660.21	
			<i>For Epoxy Resin, Add</i>	195.67	
			<i>For Up To &gt;10, Add</i>	1,539.15	
			<i>For &gt;10 To 25, Add</i>	887.33	
			<i>For &gt;25 To 50, Add</i>	650.99	
			<i>For &gt;50 To 100, Add</i>	325.49	
			<i>For &gt;500 To 1,000, Deduct</i>	-127.42	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-192.60	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-314.05	
			<i>For &gt;5,000, Deduct</i>	-521.45	
33 01 30 72-0296	LF		39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,774.32	
			<i>For Vinlyester Resin, Add</i>	1,850.08	
			<i>For Epoxy Resin, Add</i>	218.05	
			<i>For Up To &gt;10, Add</i>	1,715.54	
			<i>For &gt;10 To 25, Add</i>	989.12	
			<i>For &gt;25 To 50, Add</i>	725.62	
			<i>For &gt;50 To 100, Add</i>	362.81	
			<i>For &gt;500 To 1,000, Deduct</i>	-142.00	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-214.64	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-349.99	
			<i>For &gt;5,000, Deduct</i>	-581.13	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0297 LF 39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,066.14	
For Vinlyester Resin, Add	2,039.95	
For Epoxy Resin, Add	240.42	
For Up To >10, Add	1,912.90	
For >10 To 25, Add	1,108.38	
For >25 To 50, Add	810.74	
For >50 To 100, Add	405.37	
For >500 To 1,000, Deduct	-157.11	
For >1,000 To 2,000, Deduct	-237.56	
For >2,000 To 5,000, Deduct	-387.69	
For >5,000, Deduct	-643.61	
33 01 30 72-0298 LF 39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,351.51	
For Vinlyester Resin, Add	2,229.81	
For Epoxy Resin, Add	262.80	
For Up To >10, Add	2,090.93	
For >10 To 25, Add	1,211.54	
For >25 To 50, Add	886.19	
For >50 To 100, Add	443.10	
For >500 To 1,000, Deduct	-171.73	
For >1,000 To 2,000, Deduct	-259.67	
For >2,000 To 5,000, Deduct	-423.77	
For >5,000, Deduct	-703.52	
33 01 30 72-0299 LF 39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,636.88	
For Vinlyester Resin, Add	2,419.68	
For Epoxy Resin, Add	285.18	
For Up To >10, Add	2,268.94	
For >10 To 25, Add	1,314.67	
For >25 To 50, Add	961.64	
For >50 To 100, Add	480.82	
For >500 To 1,000, Deduct	-186.35	
For >1,000 To 2,000, Deduct	-281.78	
For >2,000 To 5,000, Deduct	-459.85	
For >5,000, Deduct	-763.42	
33 01 30 72-0300 LF 39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,922.40	
For Vinlyester Resin, Add	2,609.54	
For Epoxy Resin, Add	307.55	
For Up To >10, Add	2,447.40	
For >10 To 25, Add	1,418.18	
For >25 To 50, Add	1,037.30	
For >50 To 100, Add	518.65	
For >500 To 1,000, Deduct	-200.98	
For >1,000 To 2,000, Deduct	-303.90	
For >2,000 To 5,000, Deduct	-495.97	
For >5,000, Deduct	-823.38	
33 01 30 72-0301 LF 39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,207.78	
For Vinlyester Resin, Add	2,799.41	
For Epoxy Resin, Add	329.93	
For Up To >10, Add	2,625.44	
For >10 To 25, Add	1,521.34	
For >25 To 50, Add	1,112.76	
For >50 To 100, Add	556.38	
For >500 To 1,000, Deduct	-215.60	
For >1,000 To 2,000, Deduct	-326.01	
For >2,000 To 5,000, Deduct	-532.05	
For >5,000, Deduct	-883.28	
33 01 30 72-0302 LF 39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,493.16	
For Vinlyester Resin, Add	2,989.28	
For Epoxy Resin, Add	352.31	
For Up To >10, Add	2,803.48	
For >10 To 25, Add	1,624.50	
For >25 To 50, Add	1,188.22	
For >50 To 100, Add	594.11	
For >500 To 1,000, Deduct	-230.23	
For >1,000 To 2,000, Deduct	-348.13	
For >2,000 To 5,000, Deduct	-568.14	
For >5,000, Deduct	-943.18	
33 01 30 72-0303 LF 39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,778.53	
For Vinlyester Resin, Add	3,179.15	
For Epoxy Resin, Add	374.69	
For Up To >10, Add	2,981.49	
For >10 To 25, Add	1,727.64	
For >25 To 50, Add	1,263.66	
For >50 To 100, Add	631.83	
For >500 To 1,000, Deduct	-244.85	
For >1,000 To 2,000, Deduct	-370.23	
For >2,000 To 5,000, Deduct	-604.22	
For >5,000, Deduct	-1,003.08	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0304	LF	39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,063.91	
			For Vinlyester Resin, Add	3,369.02	
			For Epoxy Resin, Add	397.06	
			For Up To >10, Add	3,159.53	
			For >10 To 25, Add	1,830.80	
			For >25 To 50, Add	1,339.12	
			For >50 To 100, Add	669.56	
			For >500 To 1,000, Deduct	-259.47	
			For >1,000 To 2,000, Deduct	-392.34	
			For >2,000 To 5,000, Deduct	-640.30	
			For >5,000, Deduct	-1,062.99	
33 01 30	72-0305	LF	39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,349.28	
			For Vinlyester Resin, Add	3,558.88	
			For Epoxy Resin, Add	419.44	
			For Up To >10, Add	3,337.57	
			For >10 To 25, Add	1,933.95	
			For >25 To 50, Add	1,414.58	
			For >50 To 100, Add	707.29	
			For >500 To 1,000, Deduct	-274.09	
			For >1,000 To 2,000, Deduct	-414.45	
			For >2,000 To 5,000, Deduct	-676.39	
			For >5,000, Deduct	-1,122.89	
33 01 30	72-0306	LF	39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,634.65	
			For Vinlyester Resin, Add	3,748.75	
			For Epoxy Resin, Add	441.82	
			For Up To >10, Add	3,515.58	
			For >10 To 25, Add	2,037.09	
			For >25 To 50, Add	1,490.02	
			For >50 To 100, Add	745.01	
			For >500 To 1,000, Deduct	-288.72	
			For >1,000 To 2,000, Deduct	-436.56	
			For >2,000 To 5,000, Deduct	-712.47	
			For >5,000, Deduct	-1,182.79	
<b>33 01 30</b>	<b>72-0307</b>		<b>40.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small></b>		
33 01 30	72-0308	LF	40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,989.35	
			For Vinlyester Resin, Add	1,327.79	
			For Epoxy Resin, Add	156.49	
			For Up To >10, Add	1,225.95	
			For >10 To 25, Add	705.49	
			For >25 To 50, Add	518.13	
			For >50 To 100, Add	259.07	
			For >500 To 1,000, Deduct	-101.78	
			For >1,000 To 2,000, Deduct	-153.83	
			For >2,000 To 5,000, Deduct	-250.75	
			For >5,000, Deduct	-416.37	
33 01 30	72-0309	LF	40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,284.74	
			For Vinlyester Resin, Add	1,524.96	
			For Epoxy Resin, Add	179.73	
			For Up To >10, Add	1,407.95	
			For >10 To 25, Add	810.20	
			For >25 To 50, Add	595.05	
			For >50 To 100, Add	297.52	
			For >500 To 1,000, Deduct	-116.89	
			For >1,000 To 2,000, Deduct	-176.67	
			For >2,000 To 5,000, Deduct	-287.98	
			For >5,000, Deduct	-478.19	
33 01 30	72-0310	LF	40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,580.13	
			For Vinlyester Resin, Add	1,722.13	
			For Epoxy Resin, Add	202.96	
			For Up To >10, Add	1,589.94	
			For >10 To 25, Add	914.92	
			For >25 To 50, Add	671.96	
			For >50 To 100, Add	335.98	
			For >500 To 1,000, Deduct	-132.01	
			For >1,000 To 2,000, Deduct	-199.51	
			For >2,000 To 5,000, Deduct	-325.21	
			For >5,000, Deduct	-540.02	
33 01 30	72-0311	LF	40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,875.53	
			For Vinlyester Resin, Add	1,919.30	
			For Epoxy Resin, Add	226.20	
			For Up To >10, Add	1,771.97	
			For >10 To 25, Add	1,019.66	
			For >25 To 50, Add	748.89	
			For >50 To 100, Add	374.45	
			For >500 To 1,000, Deduct	-147.12	
			For >1,000 To 2,000, Deduct	-222.35	
			For >2,000 To 5,000, Deduct	-362.44	
			For >5,000, Deduct	-601.84	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0312 LF 40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,178.34	
For Vinlyester Resin, Add	2,116.46	
For Epoxy Resin, Add	249.44	
For Up To >10, Add	1,976.22	
For >10 To 25, Add	1,142.93	
For >25 To 50, Add	836.93	
For >50 To 100, Add	418.47	
For >500 To 1,000, Deduct	-162.79	
For >1,000 To 2,000, Deduct	-246.12	
For >2,000 To 5,000, Deduct	-401.53	
For >5,000, Deduct	-666.63	
33 01 30 72-0313 LF 40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,474.41	
For Vinlyester Resin, Add	2,313.63	
For Epoxy Resin, Add	272.68	
For Up To >10, Add	2,160.26	
For >10 To 25, Add	1,249.35	
For >25 To 50, Add	914.87	
For >50 To 100, Add	457.43	
For >500 To 1,000, Deduct	-177.95	
For >1,000 To 2,000, Deduct	-269.04	
For >2,000 To 5,000, Deduct	-438.93	
For >5,000, Deduct	-728.73	
33 01 30 72-0314 LF 40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,770.50	
For Vinlyester Resin, Add	2,510.80	
For Epoxy Resin, Add	295.92	
For Up To >10, Add	2,344.35	
For >10 To 25, Add	1,355.82	
For >25 To 50, Add	992.83	
For >50 To 100, Add	496.42	
For >500 To 1,000, Deduct	-193.12	
For >1,000 To 2,000, Deduct	-291.97	
For >2,000 To 5,000, Deduct	-476.33	
For >5,000, Deduct	-790.83	
33 01 30 72-0315 LF 40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,066.58	
For Vinlyester Resin, Add	2,707.97	
For Epoxy Resin, Add	319.15	
For Up To >10, Add	2,528.42	
For >10 To 25, Add	1,462.26	
For >25 To 50, Add	1,070.78	
For >50 To 100, Add	535.39	
For >500 To 1,000, Deduct	-208.28	
For >1,000 To 2,000, Deduct	-314.90	
For >2,000 To 5,000, Deduct	-513.74	
For >5,000, Deduct	-852.93	
33 01 30 72-0316 LF 40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,362.66	
For Vinlyester Resin, Add	2,905.14	
For Epoxy Resin, Add	342.39	
For Up To >10, Add	2,712.48	
For >10 To 25, Add	1,568.70	
For >25 To 50, Add	1,148.73	
For >50 To 100, Add	574.37	
For >500 To 1,000, Deduct	-223.44	
For >1,000 To 2,000, Deduct	-337.82	
For >2,000 To 5,000, Deduct	-551.14	
For >5,000, Deduct	-915.02	
33 01 30 72-0317 LF 40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,658.75	
For Vinlyester Resin, Add	3,102.31	
For Epoxy Resin, Add	365.63	
For Up To >10, Add	2,896.58	
For >10 To 25, Add	1,675.17	
For >25 To 50, Add	1,226.69	
For >50 To 100, Add	613.35	
For >500 To 1,000, Deduct	-238.61	
For >1,000 To 2,000, Deduct	-360.75	
For >2,000 To 5,000, Deduct	-588.54	
For >5,000, Deduct	-977.13	
33 01 30 72-0318 LF 40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,954.82	
For Vinlyester Resin, Add	3,299.48	
For Epoxy Resin, Add	388.87	
For Up To >10, Add	3,080.61	
For >10 To 25, Add	1,781.59	
For >25 To 50, Add	1,304.63	
For >50 To 100, Add	652.31	
For >500 To 1,000, Deduct	-253.77	
For >1,000 To 2,000, Deduct	-383.68	
For >2,000 To 5,000, Deduct	-625.94	
For >5,000, Deduct	-1,039.22	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0319	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,250.90	
			<i>For Vinlyester Resin, Add</i>	3,496.65	
			<i>For Epoxy Resin, Add</i>	412.10	
			<i>For Up To &gt;10, Add</i>	3,264.68	
			<i>For &gt;10 To 25, Add</i>	1,888.03	
			<i>For &gt;25 To 50, Add</i>	1,382.58	
			<i>For &gt;50 To 100, Add</i>	691.29	
			<i>For &gt;500 To 1,000, Deduct</i>	-268.94	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-406.60	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-663.35	
			<i>For &gt;5,000, Deduct</i>	-1,101.32	
33 01 30	72-0320	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,546.99	
			<i>For Vinlyester Resin, Add</i>	3,693.82	
			<i>For Epoxy Resin, Add</i>	435.34	
			<i>For Up To &gt;10, Add</i>	3,448.77	
			<i>For &gt;10 To 25, Add</i>	1,994.50	
			<i>For &gt;25 To 50, Add</i>	1,460.54	
			<i>For &gt;50 To 100, Add</i>	730.27	
			<i>For &gt;500 To 1,000, Deduct</i>	-284.10	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-429.53	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-700.75	
			<i>For &gt;5,000, Deduct</i>	-1,163.42	
33 01 30	72-0321	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,843.08	
			<i>For Vinlyester Resin, Add</i>	3,890.99	
			<i>For Epoxy Resin, Add</i>	458.58	
			<i>For Up To &gt;10, Add</i>	3,632.84	
			<i>For &gt;10 To 25, Add</i>	2,100.94	
			<i>For &gt;25 To 50, Add</i>	1,538.49	
			<i>For &gt;50 To 100, Add</i>	769.25	
			<i>For &gt;500 To 1,000, Deduct</i>	-299.27	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-452.46	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-738.16	
			<i>For &gt;5,000, Deduct</i>	-1,225.52	
<b>33 01 30</b>	<b>72-0322</b>		<b>42mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small></b>		
33 01 30	72-0323	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,364.33	
			<i>For Vinlyester Resin, Add</i>	1,579.42	
			<i>For Epoxy Resin, Add</i>	186.15	
			<i>For Up To &gt;10, Add</i>	1,452.19	
			<i>For &gt;10 To 25, Add</i>	834.11	
			<i>For &gt;25 To 50, Add</i>	613.28	
			<i>For &gt;50 To 100, Add</i>	306.64	
			<i>For &gt;500 To 1,000, Deduct</i>	-120.92	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-182.73	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-297.76	
			<i>For &gt;5,000, Deduct</i>	-494.47	
33 01 30	72-0324	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,670.44	
			<i>For Vinlyester Resin, Add</i>	1,783.90	
			<i>For Epoxy Resin, Add</i>	210.25	
			<i>For Up To &gt;10, Add</i>	1,640.25	
			<i>For &gt;10 To 25, Add</i>	942.13	
			<i>For &gt;25 To 50, Add</i>	692.70	
			<i>For &gt;50 To 100, Add</i>	346.35	
			<i>For &gt;500 To 1,000, Deduct</i>	-136.57	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-206.38	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-336.31	
			<i>For &gt;5,000, Deduct</i>	-558.49	
33 01 30	72-0325	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,976.54	
			<i>For Vinlyester Resin, Add</i>	1,988.37	
			<i>For Epoxy Resin, Add</i>	234.34	
			<i>For Up To &gt;10, Add</i>	1,828.30	
			<i>For &gt;10 To 25, Add</i>	1,050.16	
			<i>For &gt;25 To 50, Add</i>	772.12	
			<i>For &gt;50 To 100, Add</i>	386.06	
			<i>For &gt;500 To 1,000, Deduct</i>	-152.23	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-230.04	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-374.87	
			<i>For &gt;5,000, Deduct</i>	-622.51	
33 01 30	72-0326	LF	42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,290.19	
			<i>For Vinlyester Resin, Add</i>	2,192.84	
			<i>For Epoxy Resin, Add</i>	258.44	
			<i>For Up To &gt;10, Add</i>	2,039.00	
			<i>For &gt;10 To 25, Add</i>	1,177.06	
			<i>For &gt;25 To 50, Add</i>	862.87	
			<i>For &gt;50 To 100, Add</i>	431.43	
			<i>For &gt;500 To 1,000, Deduct</i>	-168.45	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-254.64	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-415.31	
			<i>For &gt;5,000, Deduct</i>	-689.55	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0327 LF 42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,596.97	
For Vinylster Resin, Add	2,397.31	
For Epoxy Resin, Add	282.54	
For Up To >10, Add	2,229.09	
For >10 To 25, Add	1,286.78	
For >25 To 50, Add	943.31	
For >50 To 100, Add	471.65	
For >500 To 1,000, Deduct	-184.15	
For >1,000 To 2,000, Deduct	-278.38	
For >2,000 To 5,000, Deduct	-454.03	
For >5,000, Deduct	-753.84	
33 01 30 72-0328 LF 42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,903.76	
For Vinylster Resin, Add	2,601.78	
For Epoxy Resin, Add	306.64	
For Up To >10, Add	2,419.21	
For >10 To 25, Add	1,396.53	
For >25 To 50, Add	1,023.76	
For >50 To 100, Add	511.88	
For >500 To 1,000, Deduct	-199.86	
For >1,000 To 2,000, Deduct	-302.13	
For >2,000 To 5,000, Deduct	-492.75	
For >5,000, Deduct	-818.14	
33 01 30 72-0329 LF 42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,210.56	
For Vinylster Resin, Add	2,806.26	
For Epoxy Resin, Add	330.74	
For Up To >10, Add	2,609.33	
For >10 To 25, Add	1,506.29	
For >25 To 50, Add	1,104.22	
For >50 To 100, Add	552.11	
For >500 To 1,000, Deduct	-215.57	
For >1,000 To 2,000, Deduct	-325.87	
For >2,000 To 5,000, Deduct	-531.48	
For >5,000, Deduct	-882.44	
33 01 30 72-0330 LF 42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,517.34	
For Vinylster Resin, Add	3,010.73	
For Epoxy Resin, Add	354.84	
For Up To >10, Add	2,799.42	
For >10 To 25, Add	1,616.01	
For >25 To 50, Add	1,184.66	
For >50 To 100, Add	592.33	
For >500 To 1,000, Deduct	-231.27	
For >1,000 To 2,000, Deduct	-349.62	
For >2,000 To 5,000, Deduct	-570.20	
For >5,000, Deduct	-946.73	
33 01 30 72-0331 LF 42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,824.13	
For Vinylster Resin, Add	3,215.20	
For Epoxy Resin, Add	378.93	
For Up To >10, Add	2,989.54	
For >10 To 25, Add	1,725.76	
For >25 To 50, Add	1,265.11	
For >50 To 100, Add	632.56	
For >500 To 1,000, Deduct	-246.98	
For >1,000 To 2,000, Deduct	-373.36	
For >2,000 To 5,000, Deduct	-608.92	
For >5,000, Deduct	-1,011.02	
33 01 30 72-0332 LF 42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,130.91	
For Vinylster Resin, Add	3,419.67	
For Epoxy Resin, Add	403.03	
For Up To >10, Add	3,179.63	
For >10 To 25, Add	1,835.49	
For >25 To 50, Add	1,345.55	
For >50 To 100, Add	672.78	
For >500 To 1,000, Deduct	-262.69	
For >1,000 To 2,000, Deduct	-397.10	
For >2,000 To 5,000, Deduct	-647.65	
For >5,000, Deduct	-1,075.32	
33 01 30 72-0333 LF 42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,437.71	
For Vinylster Resin, Add	3,624.15	
For Epoxy Resin, Add	427.13	
For Up To >10, Add	3,369.76	
For >10 To 25, Add	1,945.24	
For >25 To 50, Add	1,426.01	
For >50 To 100, Add	713.01	
For >500 To 1,000, Deduct	-278.39	
For >1,000 To 2,000, Deduct	-420.85	
For >2,000 To 5,000, Deduct	-686.37	
For >5,000, Deduct	-1,139.61	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

33 01 30 72-0334	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,744.50
		<i>For Vinlyester Resin, Add</i>	3,828.62
		<i>For Epoxy Resin, Add</i>	451.23
		<i>For Up To &gt;10, Add</i>	3,559.88
		<i>For &gt;10 To 25, Add</i>	2,054.99
		<i>For &gt;25 To 50, Add</i>	1,506.47
		<i>For &gt;50 To 100, Add</i>	753.23
		<i>For &gt;500 To 1,000, Deduct</i>	-294.10
		<i>For &gt;1,000 To 2,000, Deduct</i>	-444.59
		<i>For &gt;2,000 To 5,000, Deduct</i>	-725.10
		<i>For &gt;5,000, Deduct</i>	-1,203.91
33 01 30 72-0335	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	6,051.28
		<i>For Vinlyester Resin, Add</i>	4,033.09
		<i>For Epoxy Resin, Add</i>	475.33
		<i>For Up To &gt;10, Add</i>	3,749.97
		<i>For &gt;10 To 25, Add</i>	2,164.71
		<i>For &gt;25 To 50, Add</i>	1,586.91
		<i>For &gt;50 To 100, Add</i>	793.45
		<i>For &gt;500 To 1,000, Deduct</i>	-309.81
		<i>For &gt;1,000 To 2,000, Deduct</i>	-468.33
		<i>For &gt;2,000 To 5,000, Deduct</i>	-763.82
		<i>For &gt;5,000, Deduct</i>	-1,268.20

**33 01 30 74 Cured-in-Place Lateral Lining (33 01 30)****33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement (33 01 30 74)****33 01 30 74-0002 Lateral Reinstatement/Reconnection (33 01 30 74-0001)**

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic).....	547.91
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic).....	592.34
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic).....	629.36
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic).....	666.38
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic).....	703.40

**33 01 30 74-0008 Grout Lateral Service (33 01 30 74-0001)****33 01 30 74-0009 Grout Lateral Service - Bladder (33 01 30 74-0008)**

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder.....	582.39
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder.....	669.01
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder.....	755.63

**33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application (33 01 30 74-0008)**

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application.....	634.91
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application.....	687.44

**33 01 30 74-0016 Lateral T-Liner (33 01 30 74-0001)**

Note: As manufactured by LMK.

33 01 30 74-0017	EA	Up To 4" Lateral T-Liner.....	784.91
33 01 30 74-0018	EA	6" Lateral T-Liner.....	881.29
33 01 30 74-0019	EA	8" Lateral T-Liner.....	1,025.63

**33 01 30 74-0020 Lining Lateral Pipe (33 01 30 74-0001)****33 01 30 74-0021 Lining Lateral Pipe (33 01 30 74-0020)**

33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP).....	40.84
		<i>For 7.5mm, Add</i>	4.56
		<i>For 9 mm, Add</i>	9.02
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP).....	48.83
		<i>For 7.5mm, Add</i>	6.21
		<i>For 9 mm, Add</i>	12.28
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP).....	63.76
		<i>For 7.5mm, Add</i>	9.51
		<i>For 9 mm, Add</i>	18.81

**33 01 30 74-0025 Lining Manhole Drop (33 01 30 74-0020)**

33 01 30 74-0026	EA	Manhole Drop Section Lining.....	876.18
------------------	----	----------------------------------	--------

**33 01 30 81 Manhole Rehabilitation (33 01 30)****33 01 30 81-0001 Restoration And Rehabilitation Of Manholes (33 01 30 81)**

Note: Work is in confined spaces.

**33 01 30 81-0002 Manhole Joint Restoration (33 01 30 81-0001)**

Note: Includes drilling holes at joints, fill joints with grout.

33 01 30 81-0003	EA	3' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,444.74
		Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.	
		<i>For Grouting Each Additional Manhole Joint Section, Add</i>	235.16



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0004 EA 3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,853.95	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add	261.85	
33 01 30 81-0005 EA 4' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,259.66	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add	288.54	
33 01 30 81-0006 EA 5' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,876.12	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add	301.89	
33 01 30 81-0007 EA 6' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	4,490.84	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add	315.24	

**33 01 70 Operation and Maintenance of Electrical Utilities (33 01)**

**33 01 70 51 Electrical Utility Visual Inspection (33 01 70)**

33 01 70 51-0001 Video Camera Inspection Of Gas Piping and Electrical Duct (33 01 70 51)		
33 01 70 51-0002 Video Camera Set-up (33 01 70 51-0001)		
33 01 70 51-0003 EA Up To 12" Diameter, Initial Set Up For Video Inspection, Gas Pipe Or Electrical Duct.....	281.25	
33 01 70 51-0004 EA >12" To 48" Diameter, Initial Set Up For Video Inspection, Gas Pipe.....	316.42	
33 01 70 51-0005 EA Up To 12" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe Or Electrical Duct.....	70.31	
33 01 70 51-0006 EA >12" To 48" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe.....	105.48	

**33 01 70 51-0007 Video Camera Inspection Of Gas Pipe Or Electrical Duct (33 01 70 51-0001)**

33 01 70 51-0008 LF Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct .....	1.08	
For >1,000 To 5,000, Deduct	-0.05	
For >5,000, Deduct	-0.11	
33 01 70 51-0009 LF >12" To 48" Diameter, Video Inspection, Gas Pipe .....	1.67	
For >1,000 To 5,000, Deduct	-0.08	
For >5,000, Deduct	-0.17	

**33 01 70 72 Cured-in-Place Conduit Lining (33 01 70)**

**33 01 70 72-0001 Lining Conduit With Cured In-Place (CIP) Liner (33 01 70 72)**

Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.

**33 01 70 72-0002 2mm Thick Cured In-Place Conduit Lining (33 01 70 72-0001)**

33 01 70 72-0003 LF 1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	7.69	
For Up To >10, Add	14.82	
For >10 To 25, Add	11.80	
For >25 To 50, Add	7.25	
For >50 To 100, Add	3.62	
For >500 To 1,000, Deduct	-0.49	
For >1,000 To 2,000, Deduct	-0.80	
For >2,000 To 5,000, Deduct	-1.49	
For >5,000, Deduct	-2.42	
33 01 70 72-0004 LF 2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	9.39	
For Up To >10, Add	17.05	
For >10 To 25, Add	13.46	
For >25 To 50, Add	8.30	
For >50 To 100, Add	4.15	
For >500 To 1,000, Deduct	-0.59	
For >1,000 To 2,000, Deduct	-0.95	
For >2,000 To 5,000, Deduct	-1.77	
For >5,000, Deduct	-2.87	
33 01 70 72-0005 LF 2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	11.78	
For Up To >10, Add	21.32	
For >10 To 25, Add	16.83	
For >25 To 50, Add	10.38	
For >50 To 100, Add	5.19	
For >500 To 1,000, Deduct	-0.74	
For >1,000 To 2,000, Deduct	-1.19	
For >2,000 To 5,000, Deduct	-2.22	
For >5,000, Deduct	-3.59	
33 01 70 72-0006 LF 3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	13.91	
For Up To >10, Add	24.81	
For >10 To 25, Add	19.54	
For >25 To 50, Add	12.06	
For >50 To 100, Add	6.03	
For >500 To 1,000, Deduct	-0.87	
For >1,000 To 2,000, Deduct	-1.40	
For >2,000 To 5,000, Deduct	-2.60	
For >5,000, Deduct	-4.21	

**33 Utilities****33 01 Operation and Maintenance of Utilities****33 01 70 Operation and Maintenance of Electrical Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0007	LF		3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	15.62	
			<i>For Up To &gt;10, Add</i>	27.04	
			<i>For &gt;10 To 25, Add</i>	21.21	
			<i>For &gt;25 To 50, Add</i>	13.12	
			<i>For &gt;50 To 100, Add</i>	6.56	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.97	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.56	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.87	
			<i>For &gt;5,000, Deduct</i>	-4.66	
33 01 70 72-0008	LF		4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	17.59	
			<i>For Up To &gt;10, Add</i>	30.05	
			<i>For &gt;10 To 25, Add</i>	23.52	
			<i>For &gt;25 To 50, Add</i>	14.57	
			<i>For &gt;50 To 100, Add</i>	7.28	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.09	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.74	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.22	
			<i>For &gt;5,000, Deduct</i>	-5.22	
33 01 70 72-0009	LF		5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	20.74	
			<i>For Up To &gt;10, Add</i>	33.70	
			<i>For &gt;10 To 25, Add</i>	26.18	
			<i>For &gt;25 To 50, Add</i>	16.28	
			<i>For &gt;50 To 100, Add</i>	8.14	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.27	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.02	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.70	
			<i>For &gt;5,000, Deduct</i>	-6.01	
33 01 70 72-0010	LF		6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining .....	23.89	
			<i>For Up To &gt;10, Add</i>	37.35	
			<i>For &gt;10 To 25, Add</i>	28.83	
			<i>For &gt;25 To 50, Add</i>	17.99	
			<i>For &gt;50 To 100, Add</i>	8.99	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.45	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-2.30	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-4.19	
			<i>For &gt;5,000, Deduct</i>	-6.81	
<b>33 01 70 72-0011</b>			<b>3mm Thick Cured In-Place Conduit Lining</b> <small>(33 01 70 72-0001)</small>		
33 01 70 72-0012	LF		1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	9.48	
			<i>For Up To &gt;10, Add</i>	16.42	
			<i>For &gt;10 To 25, Add</i>	12.88	
			<i>For &gt;25 To 50, Add</i>	7.97	
			<i>For &gt;50 To 100, Add</i>	3.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.59	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-0.94	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-1.74	
			<i>For &gt;5,000, Deduct</i>	-2.83	
33 01 70 72-0013	LF		2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	12.31	
			<i>For Up To &gt;10, Add</i>	20.58	
			<i>For &gt;10 To 25, Add</i>	16.06	
			<i>For &gt;25 To 50, Add</i>	9.96	
			<i>For &gt;50 To 100, Add</i>	4.98	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.76	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.21	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.23	
			<i>For &gt;5,000, Deduct</i>	-3.62	
33 01 70 72-0014	LF		2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	15.14	
			<i>For Up To &gt;10, Add</i>	24.72	
			<i>For &gt;10 To 25, Add</i>	19.22	
			<i>For &gt;25 To 50, Add</i>	11.95	
			<i>For &gt;50 To 100, Add</i>	5.97	
			<i>For &gt;500 To 1,000, Deduct</i>	-0.93	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.48	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-2.71	
			<i>For &gt;5,000, Deduct</i>	-4.40	
33 01 70 72-0015	LF		3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	17.71	
			<i>For Up To &gt;10, Add</i>	28.08	
			<i>For &gt;10 To 25, Add</i>	21.73	
			<i>For &gt;25 To 50, Add</i>	13.54	
			<i>For &gt;50 To 100, Add</i>	6.77	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.08	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.71	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.12	
			<i>For &gt;5,000, Deduct</i>	-5.08	
33 01 70 72-0016	LF		3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	20.13	
			<i>For Up To &gt;10, Add</i>	30.99	
			<i>For &gt;10 To 25, Add</i>	23.87	
			<i>For &gt;25 To 50, Add</i>	14.91	
			<i>For &gt;50 To 100, Add</i>	7.45	
			<i>For &gt;500 To 1,000, Deduct</i>	-1.22	
			<i>For &gt;1,000 To 2,000, Deduct</i>	-1.93	
			<i>For &gt;2,000 To 5,000, Deduct</i>	-3.50	
			<i>For &gt;5,000, Deduct</i>	-5.70	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 72-0017 LF 4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	22.69	
<i>For Up To &gt;10, Add</i>	34.32	
<i>For &gt;10 To 25, Add</i>	26.35	
<i>For &gt;25 To 50, Add</i>	16.49	
<i>For &gt;50 To 100, Add</i>	8.24	
<i>For &gt;500 To 1,000, Deduct</i>	-1.36	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.16	
<i>For &gt;2,000 To 5,000, Deduct</i>	-3.92	
<i>For &gt;5,000, Deduct</i>	-6.38	
33 01 70 72-0018 LF 5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	27.69	
<i>For Up To &gt;10, Add</i>	40.62	
<i>For &gt;10 To 25, Add</i>	31.02	
<i>For &gt;25 To 50, Add</i>	19.46	
<i>For &gt;50 To 100, Add</i>	9.73	
<i>For &gt;500 To 1,000, Deduct</i>	-1.65	
<i>For &gt;1,000 To 2,000, Deduct</i>	-2.61	
<i>For &gt;2,000 To 5,000, Deduct</i>	-4.72	
<i>For &gt;5,000, Deduct</i>	-7.68	
33 01 70 72-0019 LF 6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining .....	32.26	
<i>For Up To &gt;10, Add</i>	45.66	
<i>For &gt;10 To 25, Add</i>	34.64	
<i>For &gt;25 To 50, Add</i>	21.81	
<i>For &gt;50 To 100, Add</i>	10.90	
<i>For &gt;500 To 1,000, Deduct</i>	-1.91	
<i>For &gt;1,000 To 2,000, Deduct</i>	-3.01	
<i>For &gt;2,000 To 5,000, Deduct</i>	-5.41	
<i>For &gt;5,000, Deduct</i>	-8.81	

### 33 05 Common Work Results for Utilities <sup>(33)</sup>

#### 33 05 07 Trenchless Installation of Utility Piping <sup>(33 05)</sup>

##### 33 05 07 13 Utility Directional Drilling <sup>(33 05 07)</sup>

##### 33 05 07 13-0001 Horizontal Augering <sup>(33 05 07 13)</sup>

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal. See CSI section 33 05 07 24-0001 for casing pipe.

33 05 07 13-0002 LF Up To 2" Diameter Horizontal Hand Augering .....	31.20
33 05 07 13-0003 LF 3" Diameter Horizontal Hand Augering .....	37.66
33 05 07 13-0004 LF 4" Diameter Horizontal Hand Augering .....	51.64
33 05 07 13-0005 LF 6" Diameter Horizontal Hand Augering .....	66.70
33 05 07 13-0006 LF 8" Diameter Horizontal Augering .....	111.15
33 05 07 13-0007 LF 10" Diameter Horizontal Augering .....	162.15
33 05 07 13-0008 LF 12" Diameter Horizontal Augering .....	194.84
33 05 07 13-0009 LF 16" Diameter Horizontal Augering .....	232.77
33 05 07 13-0010 LF 20" Diameter Horizontal Augering .....	402.75
33 05 07 13-0011 LF 24" Diameter Horizontal Augering .....	494.23
33 05 07 13-0012 LF 30" Diameter Horizontal Augering .....	609.61
33 05 07 13-0013 LF 36" Diameter Horizontal Augering .....	696.48
33 05 07 13-0014 LF 42" Diameter Horizontal Augering .....	842.04
33 05 07 13-0015 LF 48" Diameter Horizontal Augering .....	907.31
33 05 07 13-0016 LF 54" Diameter Horizontal Augering .....	986.74
33 05 07 13-0017 LF 60" Diameter Horizontal Augering .....	1,034.49
33 05 07 13-0018 EA 8" To 20" Horizontal Augering Minimum Set-up Charge .....	4,707.53

Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

33 05 07 13-0019 EA >20" To 36" Horizontal Augering Minimum Set-up Charge .....	6,266.95
Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
33 05 07 13-0020 EA >36" Horizontal Augering Minimum Set-up Charge .....	8,595.94
Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	

##### 33 05 07 13-0021 Horizontal Directional Boring <sup>(33 05 07 13)</sup>

Note: Excludes receiving pits or dewatering or cost of casing pipe. See CSI section 33 05 07 24-0001 for casing pipe.

33 05 07 13-0022 LF Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground .....	15.45
<i>For Horizontal Boring Through Rock, Add</i>	10.82
33 05 07 13-0023 LF 2" Diameter Directional Boring For Horizontal Pipe, Underground .....	23.18
<i>For Horizontal Boring Through Rock, Add</i>	16.23
33 05 07 13-0024 LF 2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground .....	32.20
<i>For Horizontal Boring Through Rock, Add</i>	22.54
33 05 07 13-0025 LF 3" Diameter Directional Boring For Horizontal Pipe, Underground .....	39.93
<i>For Horizontal Boring Through Rock, Add</i>	27.95
33 05 07 13-0026 LF 4" Diameter Directional Boring For Horizontal Pipe, Underground .....	47.65
<i>For Horizontal Boring Through Rock, Add</i>	33.36
33 05 07 13-0027 LF 5" Diameter Directional Boring For Horizontal Pipe, Underground .....	55.39
<i>For Horizontal Boring Through Rock, Add</i>	38.77
33 05 07 13-0028 LF 6" Diameter Directional Boring For Horizontal Pipe, Underground .....	64.40
<i>For Horizontal Boring Through Rock, Add</i>	45.08
33 05 07 13-0029 LF 8" Diameter Directional Boring For Horizontal Pipe, Underground .....	78.46
<i>For Horizontal Boring Through Rock, Add</i>	54.92



**33 Utilities****33 05 Common Work Results for Utilities****33 05 07 Trenchless Installation of Utility Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0030 LF 10" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	85.00 59.50	
33 05 07 13-0031 LF 12" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	91.53 64.07	
33 05 07 13-0032 LF 18" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	189.61 132.73	
33 05 07 13-0033 LF 24" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	291.98 204.39	
33 05 07 13-0034 LF 30" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	445.09 311.56	
33 05 07 13-0035 LF 36" Diameter Directional Boring For Horizontal Pipe, Underground ..... <i>For Horizontal Boring Through Rock, Add</i>	712.15 498.51	
33 05 07 13-0036 EA Up To 6" Horizontal Directional Boring Minimum Set-up Charge ..... Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,121.85	
33 05 07 13-0037 EA >6" To 18" Horizontal Directional Boring Minimum Set-up Charge ..... Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,707.53	
33 05 07 13-0038 EA >18" To 36" Horizontal Directional Boring Minimum Set-up Charge ..... Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,266.95	

**33 05 07 23 Utility Boring and Jacking (33 05 07)****33 05 07 23-0001 Horizontal Jacking (33 05 07 23)**

Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit.

33 05 07 23-0002 LF Up To 2" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	89.19 32.31	
33 05 07 23-0003 LF 3" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	106.57 39.00	
33 05 07 23-0004 LF 4" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	142.92 53.49	
33 05 07 23-0005 LF 6" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	184.77 69.09	
33 05 07 23-0006 LF 8" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	248.74 94.70	
33 05 07 23-0007 LF 10" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	365.60 138.17	
33 05 07 23-0008 LF 12" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	440.62 166.03	
33 05 07 23-0009 LF 16" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	525.90 198.35	
33 05 07 23-0010 LF 20" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	769.63 344.31	
33 05 07 23-0011 LF 24" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	1,530.06 386.41	
33 05 07 23-0012 LF 30" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	1,737.90 477.13	
33 05 07 23-0013 LF 36" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	1,953.02 545.57	
33 05 07 23-0014 LF 42" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	2,093.52 589.14	
33 05 07 23-0015 LF 48" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	2,276.09 634.79	
33 05 07 23-0016 LF 54" Diameter Horizontal Jacking ..... <i>For Horizontal Jacking Through Rock, Add</i>	2,414.50 690.85	
33 05 07 23-0017 EA Up To 6" Horizontal Jacking Minimum Set-up Charge ..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,121.85	
33 05 07 23-0018 EA >6" To 20" Horizontal Jacking Minimum Set-up Charge ..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,707.53	
33 05 07 23-0019 EA >20" To 36" Horizontal Jacking Minimum Set-up Charge ..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	6,266.95	
33 05 07 23-0020 EA >36" Horizontal Jacking Minimum Set-up Charge ..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,595.94	

**33 05 07 24 Casing Piping for Utility Jacking (33 05 07)****33 05 07 24-0001 Casing Pipe (33 05 07 24)**

Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.

**33 05 07 24-0002 Steel Pipe (33 05 07 24-0001)**

33 05 07 24-0003 LF 1-1/2" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	36.23	
33 05 07 24-0004 LF 2" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	38.26	
33 05 07 24-0005 LF 2-1/2" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	41.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 24-0006 LF 3" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	44.84	
33 05 07 24-0007 LF 4" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	57.64	
33 05 07 24-0008 LF 5" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	65.66	
33 05 07 24-0009 LF 6" Steel Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	73.65	
<b>33 05 07 24-0010 Polyethylene Pipe</b> <small>(33 05 07 24-0001)</small> Note: Includes detectable tracer wire.		
33 05 07 24-0011 LF 3/4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	8.65	
33 05 07 24-0012 LF 1" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	9.41	
33 05 07 24-0013 LF 1-1/4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	10.19	
33 05 07 24-0014 LF 1-1/2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	10.89	
33 05 07 24-0015 LF 2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	11.66	
33 05 07 24-0016 LF 2-1/2" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	12.54	
33 05 07 24-0017 LF 3" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	13.46	
33 05 07 24-0018 LF 4" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	16.73	
33 05 07 24-0019 LF 5" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	18.74	
33 05 07 24-0020 LF 6" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	20.76	
33 05 07 24-0021 LF 8" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	27.78	
33 05 07 24-0022 LF 10" Polyethylene Pipe Pull In Place By Boring Machine ..... Note: Includes pipe welding.	38.84	
<b>33 05 09 Piping Specials for Utilities</b> <small>(33 05)</small>		
33 05 09 23 <b>Adapters for Utility Piping</b> <small>(33 05 09)</small> See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.		
33 05 09 33 <b>Thrust Restraint for Utility Piping</b> <small>(33 05 09)</small> See CSI section 33 14 13 13-0371 for mechanical restraints, 33 14 13 13-0402 for flanged restraints, 33 14 13 13-0822 for slip-on restraints, 33 14 13 13-0833 for slip-on restraint harnesses.		
<b>33 05 16 Cast-Iron Utility Pipe</b> <small>(33 05)</small> See CSI section 22 13 16 00-0019 for cast iron utility piping.		
<b>33 05 17 Copper Utility Pipe and Tubing</b> <small>(33 05)</small> See CSI section 33 14 13 39-0000 for copper utility piping.		
<b>33 05 19 Ductile-Iron Utility Pipe</b> <small>(33 05)</small> See CSI section 33 14 13 13-0000 for ductile iron utility piping.		
<b>33 05 24 Steel Utility Pipe</b> <small>(33 05)</small>		
33 05 24 23 <b>Steel Pipe for Water Service</b> <small>(33 05 24)</small> See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.		
<b>33 05 27 Corrugated Metal Utility Pipe</b> <small>(33 05)</small>		
33 05 27 13 <b>Corrugated Metal Culvert Pipe</b> <small>(33 05 27)</small> See CSI section 33 42 11 00-0387 for corrugated metal culvert pipe.		
33 05 27 23 <b>Corrugated Metal Slotted Pipe</b> <small>(33 05 27)</small> See CSI section 33 41 16 13-0084 for corrugated metal slotted pipe.		
33 05 27 33 <b>Corrugated Metal Culvert Arch Pipe</b> <small>(33 05 27)</small> See CSI section 33 42 11 00-0731 for corrugated metal culvert arch pipe.		
<b>33 05 31 Thermoplastic Utility Pipe</b> <small>(33 05)</small>		
33 05 31 11 <b>Polyvinyl Chloride Gravity Sewer Pipe</b> <small>(33 05 31)</small> See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.		
33 05 31 13 <b>Polyvinyl Chloride Pressure Pipe</b> <small>(33 05 31)</small> See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.		
33 05 31 16 <b>Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905)</b> <small>(33 05 31)</small> See CSI section 33 14 13 23-0285 for AWWA C900 and 905 polyvinyl chloride pressure pipe.		
<b>33 05 33 Polyethylene Utility Pipe</b> <small>(33 05)</small>		
33 05 33 13 <b>Corrugated-Wall, Smooth Interior HDPE Gravity Pipe</b> <small>(33 05 33)</small>		

**33 Utilities****33 05 Common Work Results for Utilities****33 05 33 Polyethylene Utility Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

	See CSI section 33 42 11 00-0159 for corrugated-wall smooth interior HDPE gravity pipe.		
<b>33 05 33 23</b>	<b>Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906)</b> <sup>(33 05 33)</sup>		
	See CSI section 33 14 13 23-0540 for AWWA C906 high-density polyethylene pipe.		
<b>33 05 33 33</b>	<b>Corrugated, Perforated HDPE Drainage Pipe</b> <sup>(33 05 33)</sup>		
	See CSI section 33 42 11 00-0181 for corrugated perforated HDPE drainage pipe.		
<b>33 05 33 36</b>	<b>Corrugated, Non-Perforated HDPE Drainage Pipe</b> <sup>(33 05 33)</sup>		
	See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.		
<b>33 05 33 53</b>	<b>HDPE Gas Utility Pipe</b> <sup>(33 05 33)</sup>		
	See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.		
<b>33 05 33 56</b>	<b>Medium-Density Polyethylene Gas Utility Pipe</b> <sup>(33 05 33)</sup>		
	See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.		
<b>33 05 33 63</b>	<b>HDPE Communication Duct</b> <sup>(33 05 33)</sup>		
<b>33 05 33 63-0001</b>	<b>ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine</b> <sup>(33 05 33 63)</sup>		
	Note: Excludes boring.		
33 05 33 63-0002	LF 1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	3.79	
	For Up To 250, Add.....	0.12	
	For >250 To 500, Add.....	0.08	
33 05 33 63-0003	LF 1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	4.26	
	For Up To 250, Add.....	0.15	
	For >250 To 500, Add.....	0.10	
33 05 33 63-0004	LF 1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	4.62	
	For Up To 250, Add.....	0.17	
	For >250 To 500, Add.....	0.12	
33 05 33 63-0005	LF 2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	5.08	
	For Up To 250, Add.....	0.21	
	For >250 To 500, Add.....	0.14	
33 05 33 63-0006	LF 3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	6.88	
	For Up To 250, Add.....	0.44	
	For >250 To 500, Add.....	0.29	
33 05 33 63-0007	LF 4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	8.74	
	For Up To 250, Add.....	0.66	
	For >250 To 500, Add.....	0.44	
33 05 33 63-0008	LF 1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	3.88	
	For Up To 250, Add.....	0.14	
	For >250 To 500, Add.....	0.09	
33 05 33 63-0009	LF 1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	4.42	
	For Up To 250, Add.....	0.18	
	For >250 To 500, Add.....	0.12	
33 05 33 63-0010	LF 1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	4.75	
	For Up To 250, Add.....	0.19	
	For >250 To 500, Add.....	0.13	
33 05 33 63-0011	LF 2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	5.41	
	For Up To 250, Add.....	0.26	
	For >250 To 500, Add.....	0.17	
33 05 33 63-0012	LF 3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	7.61	
	For Up To 250, Add.....	0.54	
	For >250 To 500, Add.....	0.36	
33 05 33 63-0013	LF 4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smooth Interior Wall HDPE Conduit, Pulled In Place By Boring Machine.....	9.67	
	For Up To 250, Add.....	0.80	
	For >250 To 500, Add.....	0.54	
<b>33 05 39 Concrete Pipe</b> <sup>(33 05)</sup>			
<b>33 05 39 13</b>	<b>Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301)</b> <sup>(33 05 39)</sup>		
	See CSI section 33 42 11 00-0054 for prestressed concrete pressure pipe.		
<b>33 05 39 41</b>	<b>Reinforced Concrete Pipe for Sewers and Culverts</b> <sup>(33 05 39)</sup>		
	See CSI section 33 42 11 00-0001 for reinforced concrete pipe.		
<b>33 05 41 Vitrified Clay Utility Pipe</b> <sup>(33 05)</sup>			
	See CSI section 33 42 11 00-0285 for vitrified clay piping.		
<b>33 05 61 Concrete Manholes</b> <sup>(33 05)</sup>			
<b>33 05 61 00-0001</b>	<b>Manholes</b> <sup>(33 05 61)</sup>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 05 61 00-0002</b> <b>Precast Concrete Manholes</b> <small>(33 05 61 00-0001)</small>		
<small>Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover. See CSI section 33 05 84 00-0002 for top slabs.</small>		
<b>33 05 61 00-0003</b> <b>3' Diameter, Precast Concrete Manholes</b> <small>(33 05 61 00-0002)</small>		
33 05 61 00-0004    EA    4' Deep, 3' Diameter, Precast Concrete Manhole .....	1,798.29	333.95
For Bitumastic Coating, Add	81.29	
For Epoxy Coating, Add	155.34	
33 05 61 00-0005    EA    6' Deep, 3' Diameter, Precast Concrete Manhole .....	2,453.40	479.67
For Bitumastic Coating, Add	121.94	
For Epoxy Coating, Add	233.01	
33 05 61 00-0006    EA    8' Deep, 3' Diameter, Precast Concrete Manhole .....	3,314.92	728.61
For Bitumastic Coating, Add	162.58	
For Epoxy Coating, Add	310.68	
33 05 61 00-0007    VLF    Riser For 3' Diameter, Precast Concrete Manhole .....	351.84	85.01
Note: For depths greater than 8'.		
For Bitumastic Coating, Add	20.32	
For Epoxy Coating, Add	38.83	
33 05 61 00-0008    VLF    Drop Collar For 3' Diameter, Precast Concrete Manhole .....	378.51	85.01
33 05 61 00-0009    EA    Drop Base For 3' Diameter, Precast Concrete Manhole .....	600.48	85.01
33 05 61 00-0010    EA    Extended Base Slab For 3' Diameter, Precast Concrete Manhole .....	481.28	85.01
33 05 61 00-0011    EA    Precast Channel For 3' Diameter, Precast Concrete Manhole .....	684.31	85.01
<b>33 05 61 00-0012</b> <b>4' Diameter, Precast Concrete Manholes</b> <small>(33 05 61 00-0002)</small>		
33 05 61 00-0013    EA    4' Deep, 4' Diameter, Precast Concrete Manhole .....	2,686.97	382.51
For Bitumastic Coating, Add	81.29	
For Epoxy Coating, Add	155.34	
33 05 61 00-0014    EA    6' Deep, 4' Diameter, Precast Concrete Manhole .....	3,586.00	522.16
For Bitumastic Coating, Add	121.94	
For Epoxy Coating, Add	233.01	
33 05 61 00-0015    EA    8' Deep, 4' Diameter, Precast Concrete Manhole .....	4,728.88	789.32
For Bitumastic Coating, Add	162.58	
For Epoxy Coating, Add	310.68	
33 05 61 00-0016    VLF    Riser For 4' Diameter, Precast Concrete Manhole .....	505.66	100.18
Note: For depths greater than 8'.		
For Bitumastic Coating, Add	20.32	
For Epoxy Coating, Add	38.83	
33 05 61 00-0017    VLF    Drop Collar For 4' Diameter, Precast Concrete Manhole .....	550.90	100.18
33 05 61 00-0018    EA    Drop Base For 4' Diameter, Precast Concrete Manhole .....	927.29	100.18
33 05 61 00-0019    EA    Extended Base Slab For 4' Diameter, Precast Concrete Manhole .....	725.16	100.18
33 05 61 00-0020    EA    Precast Channel For 4' Diameter, Precast Concrete Manhole .....	1,069.46	100.18
<b>33 05 61 00-0021</b> <b>5' Diameter, Precast Concrete Manholes</b> <small>(33 05 61 00-0002)</small>		
33 05 61 00-0022    EA    4' Deep, 5' Diameter, Precast Concrete Manhole .....	5,061.71	425.02
For Bitumastic Coating, Add	104.74	
For Epoxy Coating, Add	250.42	
33 05 61 00-0023    EA    6' Deep, 5' Diameter, Precast Concrete Manhole .....	6,740.44	582.89
For Bitumastic Coating, Add	157.11	
For Epoxy Coating, Add	375.63	
33 05 61 00-0024    EA    8' Deep, 5' Diameter, Precast Concrete Manhole .....	8,689.45	874.32
For Bitumastic Coating, Add	209.48	
For Epoxy Coating, Add	500.85	
33 05 61 00-0025    VLF    Riser For 5' Diameter, Precast Concrete Manhole .....	901.99	109.29
Note: For depths greater than 8'.		
For Bitumastic Coating, Add	26.18	
For Epoxy Coating, Add	62.61	
<b>33 05 61 00-0026</b> <b>6' Diameter, Precast Concrete Manholes</b> <small>(33 05 61 00-0002)</small>		
33 05 61 00-0027    EA    4' Deep, 6' Diameter, Precast Concrete Manhole .....	6,796.67	473.59
For Bitumastic Coating, Add	119.91	
For Epoxy Coating, Add	293.18	
33 05 61 00-0028    EA    6' Deep, 6' Diameter, Precast Concrete Manhole .....	8,850.88	643.60
For Bitumastic Coating, Add	179.86	
For Epoxy Coating, Add	439.77	
33 05 61 00-0029    EA    8' Deep, 6' Diameter, Precast Concrete Manhole .....	11,207.75	971.47
For Bitumastic Coating, Add	239.82	
For Epoxy Coating, Add	586.36	
33 05 61 00-0030    VLF    Riser For 6' Diameter, Precast Concrete Manhole .....	1,096.21	121.44
Note: For depths greater than 8'.		
For Bitumastic Coating, Add	29.98	
For Epoxy Coating, Add	73.30	
<b>33 05 61 00-0031</b> <b>7' Diameter, Precast Concrete Manholes</b> <small>(33 05 61 00-0002)</small>		
33 05 61 00-0032    EA    4' Deep, 7' Diameter, Precast Concrete Manhole .....	10,726.74	522.16
For Bitumastic Coating, Add	254.99	
For Epoxy Coating, Add	512.31	
33 05 61 00-0033    EA    6' Deep, 7' Diameter, Precast Concrete Manhole .....	13,869.34	712.21
For Bitumastic Coating, Add	382.49	
For Epoxy Coating, Add	768.47	

**33 Utilities****33 05 Common Work Results for Utilities****33 05 61 Concrete Manholes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0034	EA		8' Deep, 7' Diameter, Precast Concrete Manhole ..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	17,344.65 509.98 1,024.62	1,068.62
33 05 61 00-0035	VLF		Riser For 7' Diameter, Precast Concrete Manhole..... Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	1,648.40 63.75 128.08	133.57
<b>33 05 61 00-0036</b>			<b>8' Diameter, Precast Concrete Manholes</b> (33 05 61 00-0002)		
33 05 61 00-0037	EA		4' Deep, 8' Diameter, Precast Concrete Manhole ..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	15,531.79 301.46 624.46	601.10
33 05 61 00-0038	EA		6' Deep, 8' Diameter, Precast Concrete Manhole ..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	20,137.10 452.18 936.69	819.68
33 05 61 00-0039	EA		8' Deep, 8' Diameter, Precast Concrete Manhole ..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	25,124.90 602.91 1,248.92	1,229.51
33 05 61 00-0040	VLF		Riser For 8' Diameter, Precast Concrete Manhole..... Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	2,387.65 75.36 156.12	151.79

**33 05 63 Concrete Vaults and Chambers** (33 05)

**33 05 63 00-0001** Underground Utility Vaults And Structures (33 05 63)  
See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.

**33 05 63 00-0002** Precast Concrete Underground Utility Vault (33 05 63 00-0001)  
Note: Sizes given are for inside dimensions.

**33 05 63 00-0003** 6' High Precast Concrete Underground Utility Vault (33 05 63 00-0002)

33 05 63 00-0004	EA		4' x 4' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,723.42	
33 05 63 00-0005	EA		4' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,853.52	
33 05 63 00-0006	EA		5' x 10' x 6' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	8,007.22	
33 05 63 00-0007	EA		5' x 12' x 6' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	9,245.60	
33 05 63 00-0008	EA		6' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,202.59	
33 05 63 00-0009	EA		6' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,550.41	
33 05 63 00-0010	EA		6' x 10' x 6' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	8,899.48	
33 05 63 00-0011	EA		6' x 12' x 6' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	12,858.05	
33 05 63 00-0012	EA		6' x 14' x 6' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	12,858.05	
33 05 63 00-0013	EA		6' x 16' x 6' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	16,190.29	
33 05 63 00-0014	EA		8' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,118.46	
33 05 63 00-0015	EA		8' x 10' x 6' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	10,685.29	
33 05 63 00-0016	EA		8' x 12' x 6' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	15,273.72	
33 05 63 00-0017	EA		8' x 14' x 6' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	17,190.52	

**33 05 63 00-0018** 7' High Precast Concrete Underground Utility Vault (33 05 63 00-0002)

33 05 63 00-0019	EA		4' x 4' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,360.92	
33 05 63 00-0020	EA		4' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,662.50	
33 05 63 00-0021	EA		4' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,545.96	
33 05 63 00-0022	EA		5' x 10' x 7' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	8,710.17	
33 05 63 00-0023	EA		5' x 12' x 7' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	10,043.07	
33 05 63 00-0024	EA		6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,196.99	
33 05 63 00-0025	EA		6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,207.34	
33 05 63 00-0026	EA		6' x 10' x 7' Precast Concrete Underground Utility Vault ..... Note: 6" thick walls and 8" thick top.	10,266.00	
33 05 63 00-0027	EA		6' x 12' x 7' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	13,982.74	
33 05 63 00-0028	EA		6' x 16' x 7' Precast Concrete Underground Utility Vault ..... Note: 8" thick walls and top.	17,565.06	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0029 EA 8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,868.64	
33 05 63 00-0030 EA 8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	11,528.81	
33 05 63 00-0031 EA 8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,524.15	
33 05 63 00-0032 EA 8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	18,564.07	
33 05 63 00-0033 EA 10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,773.28	
<b>33 05 63 00-0034 8' High Precast Concrete Underground Utility Vault</b> (33 05 63 00-0002)		
33 05 63 00-0035 EA 4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,473.62	
33 05 63 00-0036 EA 4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,791.59	
33 05 63 00-0037 EA 5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,413.11	
33 05 63 00-0038 EA 5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,839.33	
33 05 63 00-0039 EA 6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,327.29	
33 05 63 00-0040 EA 6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,863.00	
33 05 63 00-0041 EA 6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,398.74	
33 05 63 00-0042 EA 6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,107.40	
33 05 63 00-0043 EA 6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	18,939.89	
33 05 63 00-0044 EA 8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,617.65	
33 05 63 00-0045 EA 8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	12,372.31	
33 05 63 00-0046 EA 8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	17,773.26	
33 05 63 00-0047 EA 8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	19,938.88	
33 05 63 00-0048 EA 10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	18,023.33	
<b>33 05 63 00-0049 10' High Precast Concrete Underground Utility Vault</b> (33 05 63 00-0002)		
33 05 63 00-0050 EA 6' x 6' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,889.66	
33 05 63 00-0051 EA 6' x 8' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,518.67	
33 05 63 00-0052 EA 10' x 10' x 10' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	19,272.39	
<b>33 05 63 00-0053 12' High Precast Concrete Underground Utility Vault</b> (33 05 63 00-0002)		
33 05 63 00-0054 EA 6' x 6' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,452.01	
33 05 63 00-0055 EA 6' x 8' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,175.56	
<b>33 05 63 00-0056 Meter Pit</b> (33 05 63 00-0001)		
<b>33 05 63 00-0057 Precast Concrete Meter Pit</b> (33 05 63 00-0056)		
33 05 63 00-0058 EA 4' x 4' x 4' Deep Precast Concrete Meter Pit.....	3,664.66	
33 05 63 00-0059 EA 4' x 4' x 6' Deep Precast Concrete Meter Pit.....	4,960.86	
33 05 63 00-0060 EA 4' x 4' x 8' Deep Precast Concrete Meter Pit.....	6,216.50	
33 05 63 00-0061 EA 4' x 4' x 10' Deep Precast Concrete Meter Pit.....	7,695.23	
33 05 63 00-0062 EA 4' x 4' x 15' Deep Precast Concrete Meter Pit.....	10,612.01	
33 05 63 00-0063 EA 6' x 6' x 4' Deep Precast Concrete Meter Pit.....	5,549.32	
33 05 63 00-0064 EA 6' x 6' x 6' Deep Precast Concrete Meter Pit.....	7,695.23	
33 05 63 00-0065 EA 6' x 6' x 8' Deep Precast Concrete Meter Pit.....	9,903.25	
33 05 63 00-0066 EA 6' x 6' x 10' Deep Precast Concrete Meter Pit.....	12,355.10	
33 05 63 00-0067 EA 6' x 6' x 15' Deep Precast Concrete Meter Pit.....	17,521.28	
<b>33 05 63 00-0068 Handhole Or Pull Box Enclosures</b> (33 05 63 00-0001)		
<b>33 05 63 00-0069 Polymer Concrete Handhole Enclosures</b> (33 05 63 00-0068)		
<b>33 05 63 00-0070 Polymer Concrete Handhole Enclosures</b> (33 05 63 00-0069) Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
<b>33 05 63 00-0071 Flared Sides, Polymer Concrete Handhole Enclosures</b> (33 05 63 00-0070)		



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0072			<b>Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0071)</small>		
33 05 63 00-0073	EA		12" x 12", 24" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	428.22	28.55
33 05 63 00-0074	EA		10" x 15", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	362.31	63.42
33 05 63 00-0075	EA		13" x 24", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	553.49	95.13
33 05 63 00-0076	EA		17" x 30", 18" Depth, 15,000 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	646.33	95.13
33 05 63 00-0077	EA		13" x 24", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	615.66	95.13
33 05 63 00-0078	EA		13" x 24", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	749.55	95.13
33 05 63 00-0079	EA		17" x 30", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	729.34	95.13
33 05 63 00-0080	EA		17" x 30", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,000.46	95.13
33 05 63 00-0081	EA		27" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,422.59	126.84
33 05 63 00-0082	EA		27" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,006.06	126.84
33 05 63 00-0083	EA		24" x 36", 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,280.17	174.40
33 05 63 00-0084	EA		24" x 36", 26" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,462.89	174.40
33 05 63 00-0085	EA		24" x 36", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,413.42	174.40
33 05 63 00-0086	EA		39" Round, 18" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,366.29	190.25
33 05 63 00-0087	EA		39" Round, 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,964.81	190.25
33 05 63 00-0088	EA		39" Round, 36" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,454.25	190.25
33 05 63 00-0089	EA		39" Round, 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,611.89	190.25
33 05 63 00-0090	EA		30" x 48", 24" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,936.72	272.45
33 05 63 00-0091	EA		30" x 48", 48" Depth, 22,500 Lb. Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,837.53	272.45
33 05 63 00-0092			<b>Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0071)</small>		
33 05 63 00-0093	EA		12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	549.50	28.55
33 05 63 00-0094	EA		13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	697.94	95.13
33 05 63 00-0095	EA		17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	847.37	95.13
33 05 63 00-0096	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	780.49	95.13
33 05 63 00-0097	EA		13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	894.92	95.13
33 05 63 00-0098	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	924.93	95.13
33 05 63 00-0099	EA		17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,197.74	95.13
33 05 63 00-0100	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,587.33	174.40
33 05 63 00-0101	EA		24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,770.05	174.40
33 05 63 00-0102	EA		24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,720.61	174.40
33 05 63 00-0103	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,295.66	272.45
33 05 63 00-0104	EA		30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,203.31	272.45
33 05 63 00-0105			<b>Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0070)</small>		
33 05 63 00-0106			<b>Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0105)</small>		
33 05 63 00-0107	EA		5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	705.58	28.55
33 05 63 00-0108	EA		10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	595.80	28.55
33 05 63 00-0109	EA		13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	472.48	95.13
33 05 63 00-0110	EA		17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	537.26	95.13
33 05 63 00-0111	EA		6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	162.20	28.55
33 05 63 00-0112	EA		12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	254.00	28.55



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0113 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	413.32	28.55
33 05 63 00-0114 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	432.60	28.55
33 05 63 00-0115 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	355.59	63.42
33 05 63 00-0116 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	385.16	63.42
33 05 63 00-0117 EA 8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	250.05	28.55
33 05 63 00-0118 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	286.18	28.55
33 05 63 00-0119 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	382.09	63.42
33 05 63 00-0120 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	431.81	63.42
33 05 63 00-0121 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	399.63	63.42
33 05 63 00-0122 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	475.50	95.13
33 05 63 00-0123 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	524.27	95.13
33 05 63 00-0124 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	560.54	95.13
33 05 63 00-0125 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	615.16	95.13
33 05 63 00-0126 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	724.09	95.13
33 05 63 00-0127 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	790.17	95.13
33 05 63 00-0128 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	862.48	95.13
33 05 63 00-0129 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	907.94	95.13
33 05 63 00-0130 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,079.85	126.84
33 05 63 00-0131 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,082.23	174.40
33 05 63 00-0132 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,398.90	174.40
33 05 63 00-0133 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,691.30	174.40
33 05 63 00-0134 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,875.96	174.40
33 05 63 00-0135 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,059.64	174.40
33 05 63 00-0136 EA 36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,288.15	272.45
33 05 63 00-0137 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,640.81	272.45
33 05 63 00-0138 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,875.34	272.45
33 05 63 00-0139 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,323.81	272.45
33 05 63 00-0140 EA 30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,319.20	272.45
33 05 63 00-0141 EA 30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,486.61	272.45
33 05 63 00-0142 EA 30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,808.56	272.45
33 05 63 00-0143 EA 36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,569.33	291.92
33 05 63 00-0144 EA 36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,796.64	291.92
33 05 63 00-0145 EA 36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,086.84	291.92
33 05 63 00-0146 EA 36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,202.96	291.92
33 05 63 00-0147 EA 48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,243.32	291.92
33 05 63 00-0148 EA 48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,685.50	291.92
33 05 63 00-0149 EA 36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,826.76	291.92
33 05 63 00-0150 EA 36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,758.48	291.92
33 05 63 00-0151 EA 48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	4,236.28	311.38
33 05 63 00-0152 EA 48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	5,250.02	311.38
33 05 63 00-0153 EA 48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	6,760.80	311.38
<b>33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0105)</small>		
33 05 63 00-0155 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	640.65	95.13

**33 Utilities****33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0156	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	736.73	95.13
33 05 63 00-0157	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	277.37	28.55
33 05 63 00-0158	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	402.82	28.55
33 05 63 00-0159	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	541.50	28.55
33 05 63 00-0160	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	560.81	28.55
33 05 63 00-0161	EA	10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure .....	481.86	63.42
33 05 63 00-0162	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	502.44	63.42
33 05 63 00-0163	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	529.96	63.42
33 05 63 00-0164	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	375.63	28.55
33 05 63 00-0165	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	444.69	28.55
33 05 63 00-0166	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	529.29	63.42
33 05 63 00-0167	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	579.01	63.42
33 05 63 00-0168	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	548.40	63.42
33 05 63 00-0169	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	639.72	95.13
33 05 63 00-0170	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	689.10	95.13
33 05 63 00-0171	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	756.51	95.13
33 05 63 00-0172	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	810.78	95.13
33 05 63 00-0173	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	919.40	95.13
33 05 63 00-0174	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	985.76	95.13
33 05 63 00-0175	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,057.75	95.13
33 05 63 00-0176	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,103.53	95.13
33 05 63 00-0177	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,350.04	126.84
33 05 63 00-0178	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,389.42	174.40
33 05 63 00-0179	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,705.71	174.40
33 05 63 00-0180	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,997.80	174.40
33 05 63 00-0181	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,182.17	174.40
33 05 63 00-0182	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,366.45	174.40
33 05 63 00-0183	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,996.36	272.45
33 05 63 00-0184	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,231.24	272.45
33 05 63 00-0185	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,679.36	272.45
<b>33 05 63 00-0186</b>		<b>Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0186)</small></b>		
33 05 63 00-0187	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	586.95	95.13
33 05 63 00-0188	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	685.71	95.13
33 05 63 00-0189	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	203.95	28.55
33 05 63 00-0190	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	338.37	28.55
33 05 63 00-0191	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	487.86	28.55
33 05 63 00-0192	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	507.52	28.55
33 05 63 00-0193	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	446.54	63.42
33 05 63 00-0194	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	503.77	63.42
33 05 63 00-0195	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	295.57	28.55
33 05 63 00-0196	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	474.67	63.42
33 05 63 00-0197	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	545.96	63.42
33 05 63 00-0198	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	493.19	63.42
33 05 63 00-0199	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure.....	632.15	95.13



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0200 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	729.63	95.13
33 05 63 00-0201 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	762.05	95.13
33 05 63 00-0202 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	839.23	95.13
33 05 63 00-0203 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	910.23	95.13
33 05 63 00-0204 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	977.27	95.13
33 05 63 00-0205 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,097.30	95.13
33 05 63 00-0206 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,114.03	95.13
33 05 63 00-0207 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,370.98	126.84
33 05 63 00-0208 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,416.56	174.40
33 05 63 00-0209 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,765.87	174.40
33 05 63 00-0210 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,111.34	174.40
33 05 63 00-0211 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,340.79	174.40
33 05 63 00-0212 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,570.25	174.40
33 05 63 00-0213 EA 36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,715.66	272.45
33 05 63 00-0214 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,068.35	272.45
33 05 63 00-0215 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,321.17	272.45
33 05 63 00-0216 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,769.33	272.45
33 05 63 00-0217 EA 30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,967.01	272.45
33 05 63 00-0218 EA 30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,028.91	272.45
33 05 63 00-0219 EA 30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,629.43	272.45
33 05 63 00-0220 EA 36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,355.18	291.92
33 05 63 00-0221 EA 36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,472.63	291.92
33 05 63 00-0222 EA 36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,805.80	291.92
33 05 63 00-0223 EA 36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	4,057.96	291.92
33 05 63 00-0224 EA 36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,720.90	291.92
33 05 63 00-0225 EA 36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	4,622.73	291.92
33 05 63 00-0226 EA 48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	4,001.68	291.92
33 05 63 00-0227 EA 48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	4,406.32	291.92
33 05 63 00-0228 EA 48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	5,349.30	311.38
33 05 63 00-0229 EA 48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	6,363.44	311.38
33 05 63 00-0230 EA 48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	8,614.00	311.38
<b>33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0105)</small>		
33 05 63 00-0232 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	755.09	95.13
33 05 63 00-0233 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	885.56	95.13
33 05 63 00-0234 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	318.19	28.55
33 05 63 00-0235 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	486.90	28.55
33 05 63 00-0236 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	615.78	28.55
33 05 63 00-0237 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	635.70	28.55
33 05 63 00-0238 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	593.74	63.42
33 05 63 00-0239 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	650.63	63.42
33 05 63 00-0240 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	458.81	28.55



**33 Utilities****33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0241	EA		11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	621.20	63.42
33 05 63 00-0242	EA		11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	692.50	63.42
33 05 63 00-0243	EA		11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	599.95	63.42
33 05 63 00-0244	EA		13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	797.04	95.13
33 05 63 00-0245	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	894.52	95.13
33 05 63 00-0246	EA		17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	957.64	95.13
33 05 63 00-0247	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,034.85	95.13
33 05 63 00-0248	EA		17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,105.83	95.13
33 05 63 00-0249	EA		17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,172.89	95.13
33 05 63 00-0250	EA		17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,292.95	95.13
33 05 63 00-0251	EA		17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,309.62	95.13
33 05 63 00-0252	EA		24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,640.82	126.84
33 05 63 00-0253	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	1,723.72	174.40
33 05 63 00-0254	EA		24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,072.72	174.40
33 05 63 00-0255	EA		24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,417.80	174.40
33 05 63 00-0256	EA		24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,647.43	174.40
33 05 63 00-0257	EA		24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,877.06	174.40
33 05 63 00-0258	EA		30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,424.22	272.45
33 05 63 00-0259	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	2,677.39	272.45
33 05 63 00-0260	EA		30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure .....	3,125.23	272.45
<b>33 05 63 00-0261</b>			<b>Footed, Straight Sides, Polymer Concrete Handhole Enclosures</b> <small>(33 05 63 00-0105)</small>		
33 05 63 00-0262	EA		17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	627.95	95.13
33 05 63 00-0263	EA		11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	424.27	63.42
33 05 63 00-0264	EA		11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	479.25	63.42
33 05 63 00-0265	EA		13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	556.60	95.13
33 05 63 00-0266	EA		11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	442.28	63.42
33 05 63 00-0267	EA		11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure .....	494.93	63.42
<b>33 05 63 00-0268</b>			<b>Polymer Concrete Handhole Enclosure Extensions</b> <small>(33 05 63 00-0069)</small>		
			Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.		
33 05 63 00-0269	EA		13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	454.25	95.13
33 05 63 00-0270	EA		17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	511.54	95.13
33 05 63 00-0271	EA		24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	584.00	126.84
33 05 63 00-0272	EA		24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	640.25	126.84
33 05 63 00-0273	EA		24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	754.22	174.40
33 05 63 00-0274	EA		36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	1,307.15	272.45
33 05 63 00-0275	EA		30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	1,245.65	272.45
33 05 63 00-0276	EA		30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	1,259.07	272.45
33 05 63 00-0277	EA		36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	1,719.69	291.92
33 05 63 00-0278	EA		48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	2,772.30	311.38
33 05 63 00-0279	EA		48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension .....	3,665.60	311.38
33 05 63 00-0280	EA		13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension .....	754.86	95.13
33 05 63 00-0281	EA		17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension .....	789.85	95.13
33 05 63 00-0282	EA		24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension .....	840.42	126.84
33 05 63 00-0283	EA		24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension .....	897.28	126.84



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0284 EA 24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	1,035.46	174.40
33 05 63 00-0285 EA 30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	1,643.10	272.45
33 05 63 00-0286 EA 13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	583.76	95.13
33 05 63 00-0287 EA 17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	652.80	95.13
33 05 63 00-0288 EA 24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	853.27	174.40
33 05 63 00-0289 EA 36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	1,653.85	291.92
<b>33 05 63 00-0290 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0069)</b>		
<b>33 05 63 00-0291 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)</b>		
33 05 63 00-0292 EA 5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	165.66	12.69
33 05 63 00-0293 EA 10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	167.86	12.69
33 05 63 00-0294 EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	155.25	12.69
33 05 63 00-0295 EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	168.29	12.69
33 05 63 00-0296 EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	169.97	12.68
33 05 63 00-0297 EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	195.65	12.68
33 05 63 00-0298 EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	227.43	12.68
33 05 63 00-0299 EA 30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,504.62	35.03
33 05 63 00-0300 EA 30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,315.15	35.03
33 05 63 00-0301 EA 36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,975.10	35.03
33 05 63 00-0302 EA 48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,997.60	35.03
33 05 63 00-0303 EA 36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,264.63	35.03
33 05 63 00-0304 EA 48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,468.61	35.03
33 05 63 00-0305 EA 48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	3,974.54	35.03
33 05 63 00-0306 EA 10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	141.23	12.68
33 05 63 00-0307 EA 11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	204.29	12.68
33 05 63 00-0308 EA 11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	207.22	12.68
33 05 63 00-0309 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	261.88	12.68
33 05 63 00-0310 EA 13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	196.47	12.68
33 05 63 00-0311 EA 17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	310.61	12.68
33 05 63 00-0312 EA 17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	242.91	12.68
33 05 63 00-0313 EA 27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	503.22	12.68
33 05 63 00-0314 EA 24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	438.15	19.03
33 05 63 00-0315 EA 24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	550.81	19.03
33 05 63 00-0316 EA 39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	710.76	22.20
33 05 63 00-0317 EA 36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	996.29	27.24
33 05 63 00-0318 EA 30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,034.17	51.89
33 05 63 00-0319 EA 11" x 18", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	265.15	12.68
33 05 63 00-0320 EA 13" x 24", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	379.97	12.68
33 05 63 00-0321 EA 17" x 30", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	432.97	12.68
33 05 63 00-0322 EA 27" Round, 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	722.91	12.68
33 05 63 00-0323 EA 24" x 24", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	593.03	19.03
33 05 63 00-0324 EA 39" Round, 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,005.77	22.20
33 05 63 00-0325 EA 36" x 36", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,315.86	27.24
33 05 63 00-0326 EA 30" x 59", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,776.26	35.03
33 05 63 00-0327 EA 30" x 60", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,577.74	35.03
33 05 63 00-0328 EA 36" x 60", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	2,209.02	35.03
33 05 63 00-0329 EA 48" x 48", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	2,880.40	35.03
33 05 63 00-0330 EA 36" x 72", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	2,757.93	35.03
33 05 63 00-0331 EA 48" x 72", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	4,193.19	35.03
33 05 63 00-0332 EA 48" x 96", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	6,483.99	35.03
33 05 63 00-0333 EA 11" x 18", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	350.22	12.68
33 05 63 00-0334 EA 11" x 20", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	383.39	12.68
33 05 63 00-0335 EA 13" x 24", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	506.24	12.68
33 05 63 00-0336 EA 17" x 30", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	577.53	12.68
33 05 63 00-0337 EA 27" Round, 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,001.51	12.68
33 05 63 00-0338 EA 24" x 24", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	724.31	19.03
33 05 63 00-0339 EA 24" x 36", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	992.74	19.03
33 05 63 00-0340 EA 39" Round, 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,541.78	22.20
33 05 63 00-0341 EA 36" x 36", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,760.71	27.24
33 05 63 00-0342 EA 30" x 48", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	1,830.66	51.89
33 05 63 00-0343 EA 30" x 60", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	2,118.04	35.03
33 05 63 00-0344 EA 36" x 60", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	2,962.08	35.03
33 05 63 00-0345 EA 48" x 48", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	4,149.26	35.03
33 05 63 00-0346 EA 36" x 72", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	3,701.22	35.03
33 05 63 00-0347 EA 48" x 72", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	6,142.24	35.03
33 05 63 00-0348 EA 48" x 96", 22,500 LB Design Load, Extra Heavy-Duty, Polymer Concrete Handhole Enclosure Cover.....	9,487.69	35.03
<b>33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets (33 05 63 00-0290)</b>		
33 05 63 00-0350 EA 12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	190.91	12.69
33 05 63 00-0351 EA 8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	202.01	12.69
33 05 63 00-0352 EA 11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	205.63	12.68
33 05 63 00-0353 EA 13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	206.99	12.68
33 05 63 00-0354 EA 17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	239.55	12.68



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 05 63 00-0355	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	151.47	12.68
33 05 63 00-0356	EA	11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	214.79	12.68
33 05 63 00-0357	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	216.82	12.68
33 05 63 00-0358	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	272.69	12.68
33 05 63 00-0359	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	208.24	12.68
33 05 63 00-0360	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket.....	255.35	12.68
33 05 63 00-0361	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	322.07	12.68
33 05 63 00-0362	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	445.83	19.03
33 05 63 00-0363	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	562.62	19.03
33 05 63 00-0364	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	1,046.29	51.89
33 05 63 00-0365	EA	6" x 8", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	125.44	12.69
33 05 63 00-0366	EA	8" x 8", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	198.53	12.69
33 05 63 00-0367	EA	8" x 18", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	221.32	12.69
33 05 63 00-0368	EA	12" x 12", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	211.20	12.69
33 05 63 00-0369	EA	10" x 15", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	173.24	12.68
33 05 63 00-0370	EA	11" x 18", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	275.62	12.68
33 05 63 00-0371	EA	11" x 20", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	299.28	12.68
33 05 63 00-0372	EA	13" x 24", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	391.10	12.68
33 05 63 00-0373	EA	17" x 30", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	445.06	12.68
33 05 63 00-0374	EA	24" x 24", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	603.84	19.03
33 05 63 00-0375	EA	24" x 36", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	755.57	19.03
33 05 63 00-0376	EA	30" x 48", 15,000 LB Design Load, Heavy-Duty, Polymer Concrete Handhole Enclosure Cover With Gasket.....	1,381.55	51.89

### 33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts (33 05 63 00-0290)

33 05 63 00-0378	EA	6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	100.30	12.69
33 05 63 00-0379	EA	7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	119.96	12.69
33 05 63 00-0380	EA	12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	146.43	12.69
33 05 63 00-0381	EA	10" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	158.20	12.69
33 05 63 00-0382	EA	11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	157.87	12.68
33 05 63 00-0383	EA	13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	188.03	12.68
33 05 63 00-0384	EA	17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	217.66	12.68
33 05 63 00-0385	EA	24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	531.51	19.03
33 05 63 00-0386	EA	30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	990.04	51.89
33 05 63 00-0387	EA	30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,488.06	35.03
33 05 63 00-0388	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,296.44	35.03
33 05 63 00-0389	EA	48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,944.34	35.03
33 05 63 00-0390	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	1,875.83	35.03
33 05 63 00-0391	EA	36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	2,246.77	35.03
33 05 63 00-0392	EA	48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	2,402.62	35.03
33 05 63 00-0393	EA	48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	3,847.72	35.03
33 05 63 00-0394	EA	10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	135.64	12.68
33 05 63 00-0395	EA	10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	132.36	12.68
33 05 63 00-0396	EA	11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	197.22	12.68
33 05 63 00-0397	EA	11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	217.08	12.68
33 05 63 00-0398	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	246.19	12.68
33 05 63 00-0399	EA	13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	186.32	12.68
33 05 63 00-0400	EA	18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	208.24	12.68
33 05 63 00-0401	EA	17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	296.87	12.68
33 05 63 00-0402	EA	24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	429.24	19.03
33 05 63 00-0403	EA	20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	537.62	19.03
33 05 63 00-0404	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	531.19	19.03
33 05 63 00-0405	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	956.05	27.24
33 05 63 00-0406	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts.....	990.04	31.14

### 33 05 63 00-0407 Overlapping, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0408	EA	30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,549.79	35.03
33 05 63 00-0409	EA	36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	2,249.06	35.03
33 05 63 00-0410	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,299.75	51.89
33 05 63 00-0411	EA	30" x 48", 15,000 LB Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,726.63	51.89
33 05 63 00-0412	EA	30" x 60", 15,000 LB Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	1,843.41	35.03
33 05 63 00-0413	EA	36" x 60", 15,000 LB Design Load, Heavy-Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover.....	2,516.42	35.03

### 33 05 63 00-0414 Split, Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)

33 05 63 00-0415	EA	24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	604.05	19.03
33 05 63 00-0416	EA	36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	1,122.24	27.24
33 05 63 00-0417	EA	30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	1,172.56	51.89
33 05 63 00-0418	EA	6" x 8", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	94.82	12.69
33 05 63 00-0419	EA	8" x 8", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	159.25	12.69
33 05 63 00-0420	EA	12" x 12", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	175.54	12.69
33 05 63 00-0421	EA	8" x 18", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	186.33	12.69
33 05 63 00-0422	EA	10" x 15", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	163.09	12.68
33 05 63 00-0423	EA	11" x 20", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	289.68	12.68
33 05 63 00-0424	EA	24" x 36", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	811.01	19.03
33 05 63 00-0425	EA	36" x 36", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	1,495.48	27.24
33 05 63 00-0426	EA	30" x 48", 15,000 LB Design Load, Heavy-Duty, Split, Polymer Concrete Handhole Enclosure Cover.....	1,566.38	51.89



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>33 05 63 00-0427</b>	<b>Precast Concrete Handholes With Steel Cover</b> <small>(33 05 63 00-0068)</small>		
	Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA 12" x 12" x 12" Precast Concrete Handholes With Steel Cover.....	1,031.82	260.88
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	18.00	
33 05 63 00-0429	EA 12" x 24" x 21" Precast Concrete Handholes With Steel Cover.....	1,755.41	391.33
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	112.60	
33 05 63 00-0430	EA 18" x 30" x 18" Precast Concrete Handholes With Steel Cover.....	2,107.00	521.78
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	198.56	
33 05 63 00-0431	EA 24" x 24" x 24" Precast Concrete Handholes With Steel Cover.....	2,197.76	521.78
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	251.61	
33 05 63 00-0432	EA 24" x 24" x 30" Precast Concrete Handholes With Steel Cover.....	2,566.67	652.22
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	303.58	
33 05 63 00-0433	EA 30" x 36" x 30" Precast Concrete Handholes With Steel Cover.....	2,717.22	652.22
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	332.05	
33 05 63 00-0434	EA 36" x 36" x 48" Precast Concrete Handholes With Steel Cover.....	3,126.12	782.66
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	388.49	
33 05 63 00-0435	EA 48" x 48" x 48" Precast Concrete Handholes With Steel Cover.....	3,583.16	913.10
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	538.27	
33 05 63 00-0436	EA 48" x 72" x 36" Precast Concrete Handholes With Steel Cover.....	3,573.62	782.66
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	577.81	
33 05 63 00-0437	EA 54" x 38" x 24" Precast Concrete Handholes With Steel Cover.....	3,612.10	782.66
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	407.61	
33 05 63 00-0438	EA 6" Diameter Precast Concrete Handholes With Steel Cover.....	785.37	260.88
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	
33 05 63 00-0439	EA 9" Diameter Precast Concrete Handholes With Steel Cover.....	931.66	293.50
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	
33 05 63 00-0440	EA 12" Diameter Precast Concrete Handholes With Steel Cover.....	1,158.97	326.11
	Note: 8000 To 12000 pound traffic rated top.		
	For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	
33 05 63 00-0441	EA 2' Type II Cans Cast Iron Handholes.....	282.71	

**33 05 81 Metallic Castings for Utility Structures** (33 05)

<b>33 05 81 00-0001</b>	<b>Manhole Accessories</b> <small>(33 05 81)</small>		
<b>33 05 81 00-0002</b>	<b>Steps For Cast-In-Place Manholes</b> <small>(33 05 81 00-0001)</small>		
33 05 81 00-0003	EA Cast Iron Manhole Step For New Manholes.....	104.13	
33 05 81 00-0004	EA Galvanized Steel Manhole Step For New Manholes.....	70.46	
33 05 81 00-0005	EA Aluminum Manhole Step For New Manholes.....	100.42	

<b>33 05 81 00-0006</b>	<b>Manhole Covers And Frames</b> <small>(33 05 81)</small>		
	Note: Includes moisture-tight masonry joints and waterproof grouting.		
<b>33 05 81 00-0007</b>	<b>Regular Manhole Covers And Frames</b> <small>(33 05 81 00-0006)</small>		
33 05 81 00-0008	EA 18" Square, Gray Iron, Manhole Cover With Frame.....	3,006.83	104.43
	For Ductile Iron Castings, Add	1,883.77	
33 05 81 00-0009	EA 18" Diameter, Gray Iron, Manhole Cover With Frame.....	1,621.98	104.43
	For Ductile Iron Castings, Add	914.38	
33 05 81 00-0010	EA 24" Diameter, Gray Iron, Manhole Cover With Frame.....	1,874.60	121.44
	For Ductile Iron Castings, Add	1,057.20	
33 05 81 00-0011	EA 24" Square, Gray Iron, Manhole Cover With Frame.....	3,028.93	134.79
	For Ductile Iron Castings, Add	1,836.91	
33 05 81 00-0012	EA 26" Diameter, Gray Iron, Manhole Cover With Frame.....	2,520.68	145.72
	For Ductile Iron Castings, Add	1,457.25	
33 05 81 00-0013	EA 30" Diameter, Gray Iron, Manhole Cover With Frame.....	2,631.00	151.79
	For Ductile Iron Castings, Add	1,522.95	

<b>33 05 81 00-0014</b>	<b>Watertight Type Manhole Covers And Frames</b> <small>(33 05 81 00-0006)</small>		
33 05 81 00-0015	EA 20" Diameter, Gray Iron, Watertight Manhole Cover With Frame.....	3,314.84	86.22
	For Ductile Iron Castings, Add	2,080.16	
33 05 81 00-0016	EA 22" Diameter, Gray Iron, Watertight Manhole Cover With Frame.....	3,352.83	86.22
	For Ductile Iron Castings, Add	2,086.97	
33 05 81 00-0017	EA 24" Diameter, Gray Iron, Watertight Manhole Cover With Frame.....	3,405.83	100.79
	For Ductile Iron Castings, Add	2,100.74	
33 05 81 00-0018	EA 26" Diameter, Gray Iron, Watertight Manhole Cover With Frame.....	4,078.15	112.93
	For Ductile Iron Castings, Add	2,547.48	



**33 Utilities****33 05 Common Work Results for Utilities****33 05 81 Metallic Castings for Utility Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 81 00-0019 EA 30" Diameter, Gray Iron, Watertight Manhole Cover With Frame ..... <i>For Ductile Iron Castings, Add</i>	4,751.56 3,007.34	115.36
33 05 81 00-0020 EA 32" Diameter, Gray Iron, Watertight Manhole Cover With Frame ..... <i>For Ductile Iron Castings, Add</i>	5,010.38 3,184.34	117.79
33 05 81 00-0021 EA 36" Diameter, Gray Iron, Watertight Manhole Cover With Frame ..... <i>For Ductile Iron Castings, Add</i>	5,241.86 3,342.04	121.44
<b>33 05 81 00-0022 Aluminum Manhole Covers And Frames (33 05 81 00-0006)</b>		
33 05 81 00-0023 EA 12" Square Aluminum Manhole Cover With Frame .....	1,261.16	37.36
33 05 81 00-0024 EA 18" Square Aluminum Manhole Cover With Frame .....	2,304.75	41.35
33 05 81 00-0025 EA 24" Square Aluminum Manhole Cover With Frame .....	3,304.80	48.02
<b>33 05 81 00-0026 Removal And Reinstallation Of Manhole Cover And Frame (33 05 81 00-0006)</b> Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 05 81 00-0027 EA Removal And Reinstallation Of Manhole Cover And Frame .....	486.88	
<b>33 05 83 Non-Metallic Accessories for Utility Structures (33 05)</b>		
<b>33 05 83 00-0001 Manhole Accessories (33 05 83)</b>		
<b>33 05 83 00-0002 Steps For Cast-In-Place Manholes (33 05 83 00-0001)</b>		
33 05 83 00-0003 EA Polypropylene Manhole Step For New Manholes .....	53.97	
<b>33 05 83 00-0004 Rainguard Inflow Protectors (33 05 83)</b>		
33 05 83 00-0005 EA 18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	156.54	26.89
33 05 83 00-0006 EA 22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	180.54	26.89
33 05 83 00-0007 EA 24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	215.87	32.27
33 05 83 00-0008 EA 26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	231.04	32.27
33 05 83 00-0009 EA 30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	286.34	37.66
33 05 83 00-0010 EA 32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors.....	304.96	37.66
<b>33 05 84 Accessories for Utility Structures (33 05)</b>		
See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation.		
<b>33 05 84 00-0001 Manhole Accessories (33 05 84)</b>		
<b>33 05 84 00-0002 Precast Concrete Manhole Tops (33 05 84 00-0001)</b>		
<b>33 05 84 00-0003 Precast Concrete Manhole Slab Tops (33 05 84 00-0002)</b>		
33 05 84 00-0004 EA 3' Diameter x 8" Thick Precast Manhole Top Slab .....	655.01	91.07
33 05 84 00-0005 EA 4' Diameter x 8" Thick Precast Manhole Top Slab .....	911.26	98.36
33 05 84 00-0006 EA 5' Diameter x 8" Thick Precast Manhole Top Slab .....	1,228.28	105.64
33 05 84 00-0007 EA 6' Diameter x 8" Thick Precast Manhole Top Slab .....	1,468.53	112.93
<b>33 05 84 00-0008 Precast Concrete Manhole Cone Tops (33 05 84 00-0002)</b>		
33 05 84 00-0009 EA 3' Diameter x 8" Thick Precast Manhole Top Cone.....	1,036.79	113.85
33 05 84 00-0010 EA 3'-6" Diameter x 8" Thick Precast Manhole Top Cone .....	1,151.91	118.40
33 05 84 00-0011 EA 4' Diameter x 8" Thick Precast Manhole Top Cone.....	1,267.04	122.96
33 05 84 00-0012 EA 5' Diameter x 8" Thick Precast Manhole Top Cone.....	1,491.19	130.54
33 05 84 00-0013 EA 6' Diameter x 8" Thick Precast Manhole Top Cone.....	1,721.44	139.65
33 05 84 00-0014 EA 7' Diameter x 8" Thick Precast Manhole Top Cone.....	2,715.76	148.76
33 05 84 00-0015 EA 8' Diameter x 10" Thick Precast Manhole Top Cone.....	3,406.96	163.93
<b>33 05 84 00-0016 Pipe To Manhole Connector (33 05 84 00-0001)</b>		
<b>33 05 84 00-0017 Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors (33 05 84 00-0016)</b>		
33 05 84 00-0018 EA 4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	119.52	
33 05 84 00-0019 EA 6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	190.11	
33 05 84 00-0020 EA 8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	213.62	
33 05 84 00-0021 EA 10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	345.15	
33 05 84 00-0022 EA 12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	491.42	
33 05 84 00-0023 EA 15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	642.01	
33 05 84 00-0024 EA 18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,208.11	
33 05 84 00-0025 EA 21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	1,690.22	
33 05 84 00-0026 EA 24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	2,727.59	
33 05 84 00-0027 EA 27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....	3,192.91	
<b>33 05 84 00-0028 Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout (33 05 84 00-0016)</b> Note: Ferroc CMA.		
33 05 84 00-0029 EA 4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	123.74	
33 05 84 00-0030 EA 6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....	171.64	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0031 EA 8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout .....	216.82	
33 05 84 00-0032 EA 10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout .....	261.77	
33 05 84 00-0033 EA 12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout .....	303.72	
<b>33 05 84 00-0034 Brick And Grout Pipe To Manhole Connector</b> (33 05 84 00-0016)		
33 05 84 00-0035 EA Seal Gap Between Pipe And Structure With Brick And Grout .....	298.76	
<b>33 05 84 00-0036 Inverts For Manholes</b> (33 05 84 00-0001)		
33 05 84 00-0037 EA Single Channel Concrete Invert For Manholes .....	504.71	
33 05 84 00-0038 EA Double Channel Concrete Invert For Manholes .....	730.61	
33 05 84 00-0039 EA Triple Channel Concrete Invert For Manholes .....	983.04	
33 05 84 00-0040 EA Quad Channel Concrete Invert For Manholes .....	1,235.40	
33 05 84 00-0041 EA Single Channel Brick Invert For Manholes .....	732.88	
33 05 84 00-0042 EA Double Channel Brick Invert For Manholes .....	1,097.45	
33 05 84 00-0043 EA Triple Channel Brick Invert For Manholes .....	1,468.36	
33 05 84 00-0044 EA Quad Channel Brick Invert For Manholes .....	1,834.73	
<b>33 05 84 00-0045 Protective Coating For New Manholes</b> (33 05 84 00-0001)		
<b>33 05 84 00-0046 Polyurethane Protective Coating For New Manholes</b> (33 05 84 00-0045)		
33 05 84 00-0047 VLF 60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior .....	212.85	
<i>For 80 Mil Material, Add</i>	32.16	
<i>For 100 Mil Material, Add</i>	64.32	
<i>For 125 Mil Material, Add</i>	101.71	
<i>For 150 Mil Material, Add</i>	139.10	
<i>For 200 Mil Material, Add</i>	206.36	
<i>For 2 To 5 Manholes, Deduct</i>	-14.40	
<i>For 6 To 10 Manholes, Deduct</i>	-23.47	
<i>For &gt;10 Manholes, Deduct</i>	-46.94	
33 05 84 00-0048 VLF 60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior .....	256.73	
<i>For 80 Mil Material, Add</i>	38.17	
<i>For 100 Mil Material, Add</i>	76.33	
<i>For 125 Mil Material, Add</i>	120.60	
<i>For 150 Mil Material, Add</i>	164.87	
<i>For 200 Mil Material, Add</i>	244.23	
<i>For 2 To 5 Manholes, Deduct</i>	-17.42	
<i>For 6 To 10 Manholes, Deduct</i>	-28.43	
<i>For &gt;10 Manholes, Deduct</i>	-56.86	
33 05 84 00-0049 VLF 60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior .....	283.79	
<i>For 80 Mil Material, Add</i>	42.88	
<i>For 100 Mil Material, Add</i>	85.76	
<i>For 125 Mil Material, Add</i>	135.61	
<i>For 150 Mil Material, Add</i>	185.46	
<i>For 200 Mil Material, Add</i>	275.14	
<i>For 2 To 5 Manholes, Deduct</i>	-19.19	
<i>For 6 To 10 Manholes, Deduct</i>	-31.29	
<i>For &gt;10 Manholes, Deduct</i>	-62.59	
33 05 84 00-0050 VLF 60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior .....	354.81	
<i>For 80 Mil Material, Add</i>	53.62	
<i>For 100 Mil Material, Add</i>	107.24	
<i>For 125 Mil Material, Add</i>	169.58	
<i>For 150 Mil Material, Add</i>	231.92	
<i>For 200 Mil Material, Add</i>	344.07	
<i>For 2 To 5 Manholes, Deduct</i>	-24.00	
<i>For 6 To 10 Manholes, Deduct</i>	-39.12	
<i>For &gt;10 Manholes, Deduct</i>	-78.25	
33 05 84 00-0051 VLF 60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior .....	412.41	
<i>For 80 Mil Material, Add</i>	63.34	
<i>For 100 Mil Material, Add</i>	126.68	
<i>For 125 Mil Material, Add</i>	200.48	
<i>For 150 Mil Material, Add</i>	274.28	
<i>For 200 Mil Material, Add</i>	407.52	
<i>For 2 To 5 Manholes, Deduct</i>	-27.79	
<i>For 6 To 10 Manholes, Deduct</i>	-45.28	
<i>For &gt;10 Manholes, Deduct</i>	-90.56	
<b>33 05 84 00-0052 Polyvinyl Chloride (PVC) Liner</b> (33 05 84 00-0045)		
<i>Note: For new manholes and shop applied.</i>		
33 05 84 00-0053 VLF 3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	294.79	
33 05 84 00-0054 VLF 3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	361.35	
33 05 84 00-0055 VLF 4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	440.97	
33 05 84 00-0056 VLF 5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	553.78	
33 05 84 00-0057 VLF 6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole .....	666.58	
33 05 84 00-0058 SF Polyvinyl Chloride (PVC) Liner At Structures .....	80.02	
<b>33 05 84 00-0059 Concrete Grade Extensions/Grade Rings</b> (33 05 84 00-0001)		
<b>33 05 84 00-0060 18" Diameter, Concrete Grade Extensions/Grade Rings</b> (33 05 84 00-0059)		
33 05 84 00-0061 EA 4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings .....	97.92	

**33 Utilities****33 05 Common Work Results for Utilities****33 05 84 Accessories for Utility Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0062 EA 6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	106.58	
33 05 84 00-0063 EA 8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	115.23	
33 05 84 00-0064 EA 10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring .....	123.89	
<b>33 05 84 00-0065 24" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0059)</b>		
33 05 84 00-0066 EA 4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	109.89	
33 05 84 00-0067 EA 6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	119.72	
33 05 84 00-0068 EA 8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	129.56	
33 05 84 00-0069 EA 10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring .....	139.39	
<b>33 05 84 00-0070 30" Diameter, Concrete Grade Extensions/Grade Rings (33 05 84 00-0059)</b>		
33 05 84 00-0071 EA 4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	121.62	
33 05 84 00-0072 EA 6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	132.59	
33 05 84 00-0073 EA 8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	143.56	
33 05 84 00-0074 EA 10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring .....	154.52	
<b>33 05 84 00-0075 Bentonite Collar (33 05 84 00-0001)</b>		
<b>33 05 84 00-0076 Bentonite Collar At Manhole Connections (33 05 84 00-0075)</b>		
33 05 84 00-0077 EA Up To 12" Pipe, Bentonite Collar At Manhole Connection .....	149.17	
33 05 84 00-0078 EA >12" To 21", Bentonite Collar At Manhole Connection .....	236.19	
33 05 84 00-0079 EA >21" To 30" Pipe, Bentonite Collar At Manhole Connection .....	373.13	
33 05 84 00-0080 EA >30" To 36" Pipe, Bentonite Collar At Manhole Connection .....	870.85	
33 05 84 00-0081 EA >36" To 48" Pipe, Bentonite Collar At Manhole Connection .....	1,367.17	
33 05 84 00-0082 EA >48" To 60" Pipe, Bentonite Collar At Manhole Connection .....	2,485.38	
<b>33 05 84 00-0083 Drainage Related Items (33 05 84)</b>		
Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 05 84 00-0084 EA Manhole, Type A (Except Frame And Lid), (0 > 5).....	6,981.64	
33 05 84 00-0085 EA Manhole, Type A (Except Frame And Lid), (5 > 10).....	6,361.90	
33 05 84 00-0086 EA Manhole, Type A (Except Frame And Lid), (10 >).....	5,711.19	
33 05 84 00-0087 EA Manhole, Type B (Except Frame And Lid), (0 > 5).....	12,671.72	
33 05 84 00-0088 EA Manhole, Type B (Except Frame And Lid), (5 > 10).....	12,401.79	
33 05 84 00-0089 EA Manhole, Type B (Except Frame And Lid), (10 >).....	10,883.39	
33 05 84 00-0090 EA Manhole, Type C (Except Frame And Lid), (0 > 5).....	20,258.68	
33 05 84 00-0091 EA Manhole, Type C (Except Frame And Lid), (5 > 10).....	18,468.40	
33 05 84 00-0092 EA Manhole, Type C (Except Frame And Lid), (10 >).....	16,124.30	
33 05 84 00-0093 EA Catch Basins, Type A, Plastic Restrictor, (0 > 10) Includes half trap. Excludes frame and lid.....	3,924.94	
33 05 84 00-0094 EA Catch Basins, Type A, Plastic Restrictor, (10 > 100) Includes half trap. Excludes frame and lid.....	3,561.39	
33 05 84 00-0095 EA Catch Basins, Type A, Plastic Restrictor, (100 >) Includes half trap. Excludes frame and lid.....	3,295.34	
33 05 84 00-0096 EA Catch Basins, Type A, Steel Restrictor, (0 > 10) Includes half trap. Excludes frame and lid.....	3,924.94	
33 05 84 00-0097 EA Catch Basins, Type A, Steel Restrictor, (10 > 100) Includes half trap. Excludes frame and lid.....	3,561.39	
33 05 84 00-0098 EA Catch Basins, Type A, Steel Restrictor, (100 >) Includes half trap. Excludes frame and lid.....	3,295.34	
33 05 84 00-0099 EA Inlet, Type A, (Except Frame And Lid), (0 > 5).....	2,007.69	
33 05 84 00-0100 EA Inlet, Type A, (Except Frame And Lid), (5 >).....	1,841.66	
<b>33 05 84 00-0101 Vertical Adjustment of Utility Structures (33 05 84)</b>		
Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 05 84 00-0102 EA Vertical Adjustment of Water Valve Boxes for Services > 2" .....	189.74	
33 05 84 00-0103 EA Vertical Adjustment of Water Service Shut Off Boxes for Services < 3" .....	189.74	
33 05 84 00-0104 EA Vertical Adjustment of Water Service Meter Vaults for 1" Service .....	210.28	

**33 05 97 Identification and Signage for Utilities (33 05)****33 05 97 23 Utility Identification Warning Tape (33 05 97)****33 05 97 23-0001 Non-Detectable Utility Warning Tape (33 05 97 23)**

Note: Labor installation is included with pipe and excavation.

33 05 97 23-0002 CLF 3" Non-Detectable Utility Warning Tape .....	9.02
33 05 97 23-0003 CLF 6" Non-Detectable Utility Warning Tape .....	12.48

**33 05 97 23-0004 Detectable Utility Warning Tape (33 05 97 23)**

Note: Labor installation is included with pipe and excavation.

33 05 97 23-0005 CLF 2" Detectable Utility Warning Tape .....	9.08
33 05 97 23-0006 CLF 3" Detectable Utility Warning Tape .....	12.25
33 05 97 23-0007 CLF 6" Detectable Utility Warning Tape .....	19.29

**33 10 Water Utilities (33)**



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>CS</b>
	<b>Groundwater Sources</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

**33 11 Groundwater Sources** (33 10)

**33 11 13 Potable Water Supply Wells** (33 11)

33 11 13 00-0001 Drill And Test Water Well (33 11 13)

33 11 13 00-0002 Drill Hole (33 11 13 00-0001)  
 Note: Excludes loading and hauling of spoils.

33 11 13 00-0003 Mobilization And Demobilization (33 11 13 00-0002)

33 11 13 00-0004 EA Up To 12" Diameter, Well Drilling Mobilization And Demobilization..... 1,072.95

33 11 13 00-0005 Drill Hole In Normal Soil, Sand, Gravel, O.B. (33 11 13 00-0002)

Note: Excludes well casing, gravel or materials.

33 11 13 00-0006 LF Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B..... 25.86  
*For >100 To 250, Add* 0.65  
*For >250 To 400, Add* 1.29  
*For >400 To 600, Add* 1.94  
*For >600 To 750, Add* 2.59  
*For >750, Add* 3.23

33 11 13 00-0007 LF 8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B..... 30.69  
*For >100 To 250, Add* 0.77  
*For >250 To 400, Add* 1.53  
*For >400 To 600, Add* 2.30  
*For >600 To 750, Add* 3.07  
*For >750, Add* 3.84

33 11 13 00-0008 LF 10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. .... 41.03  
*For >100 To 250, Add* 1.03  
*For >250 To 400, Add* 2.05  
*For >400 To 600, Add* 3.08  
*For >600 To 750, Add* 4.10  
*For >750, Add* 5.13

33 11 13 00-0009 LF 12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. .... 64.22  
*For >100 To 250, Add* 1.61  
*For >250 To 400, Add* 3.21  
*For >400 To 600, Add* 4.82  
*For >600 To 750, Add* 6.42  
*For >750, Add* 8.03

33 11 13 00-0010 Drill Hole In Sedimentary Rock (33 11 13 00-0002)

33 11 13 00-0011 LF 6" Water Well Hole Drilled In Sedimentary Rock ..... 52.71  
*For >100 To 250, Add* 1.32  
*For >250 To 400, Add* 2.64  
*For >400 To 600, Add* 3.95  
*For >600 To 750, Add* 5.27  
*For >750, Add* 6.59

33 11 13 00-0012 LF 8" Water Well Hole Drilled In Sedimentary Rock ..... 61.38  
*For >100 To 250, Add* 1.53  
*For >250 To 400, Add* 3.07  
*For >400 To 600, Add* 4.60  
*For >600 To 750, Add* 6.14  
*For >750, Add* 7.67

33 11 13 00-0013 LF 10" Water Well Hole Drilled In Sedimentary Rock ..... 98.28  
*For >100 To 250, Add* 2.46  
*For >250 To 400, Add* 4.91  
*For >400 To 600, Add* 7.37  
*For >600 To 750, Add* 9.83  
*For >750, Add* 12.29

33 11 13 00-0014 LF 12" Water Well Hole Drilled In Sedimentary Rock ..... 128.50  
*For >100 To 250, Add* 3.21  
*For >250 To 400, Add* 6.43  
*For >400 To 600, Add* 9.64  
*For >600 To 750, Add* 12.85  
*For >750, Add* 16.06

33 11 13 00-0015 Drill Hole In Crystalline Rock (33 11 13 00-0002)

33 11 13 00-0016 LF 6" Water Well Hole Drilled In Crystalline Rock..... 108.42  
*For >100 To 250, Add* 2.71  
*For >250 To 400, Add* 5.42  
*For >400 To 600, Add* 8.13  
*For >600 To 750, Add* 10.84  
*For >750, Add* 13.55

33 11 13 00-0017 LF 8" Water Well Hole Drilled In Crystalline Rock..... 125.09  
*For >100 To 250, Add* 3.13  
*For >250 To 400, Add* 6.25  
*For >400 To 600, Add* 9.38  
*For >600 To 750, Add* 12.51  
*For >750, Add* 15.64

**33 Utilities****33 10 Water Utilities****33 11 Groundwater Sources**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0018 LF 10" Water Well Hole Drilled In Crystalline Rock.....	143.45	
For>100 To 250, Add	3.59	
For>250 To 400, Add	7.17	
For>400 To 600, Add	10.76	
For>600 To 750, Add	14.35	
For>750, Add	17.93	
33 11 13 00-0019 LF 12" Water Well Hole Drilled In Crystalline Rock.....	181.81	
For>100 To 250, Add	4.55	
For>250 To 400, Add	9.09	
For>400 To 600, Add	13.64	
For>600 To 750, Add	18.18	
For>750, Add	22.73	
<b>33 11 13 00-0020 Furnish And Install Casing (33 11 13 00-0001)</b>		
Note: Excludes drilling of hole.		
<b>33 11 13 00-0021 Stainless Steel Well Casing, Flush Threaded (33 11 13 00-0020)</b>		
33 11 13 00-0022 LF 6" Diameter, Stainless Steel Well Casing, Flush.....	114.07	
For>100 To 250, Deduct	-3.12	
For>250 To 400, Deduct	-5.97	
For>400 To 600, Deduct	-8.95	
For>600 To 750, Deduct	-11.94	
For>750, Deduct	-15.26	
33 11 13 00-0023 LF 8" Diameter, Stainless Steel Well Casing, Flush.....	171.67	
For>100 To 250, Deduct	-4.62	
For>250 To 400, Deduct	-8.91	
For>400 To 600, Deduct	-13.37	
For>600 To 750, Deduct	-17.83	
For>750, Deduct	-22.71	
33 11 13 00-0024 LF 10" Diameter, Stainless Steel Well Casing, Flush.....	240.07	
For>100 To 250, Deduct	-6.42	
For>250 To 400, Deduct	-12.43	
For>400 To 600, Deduct	-18.64	
For>600 To 750, Deduct	-24.85	
For>750, Deduct	-31.62	
33 11 13 00-0025 LF 12" Diameter, Stainless Steel Well Casing, Flush.....	279.14	
For>100 To 250, Deduct	-7.48	
For>250 To 400, Deduct	-14.46	
For>400 To 600, Deduct	-21.69	
For>600 To 750, Deduct	-28.92	
For>750, Deduct	-36.80	
<b>33 11 13 00-0026 Polyvinyl Chloride (PVC) Well Casing, Schedule 80 (33 11 13 00-0020)</b>		
33 11 13 00-0027 LF 6" Polyvinyl Chloride (PVC) Well Casing.....	80.37	
For>100 To 250, Deduct	-2.22	
For>250 To 400, Deduct	-4.23	
For>400 To 600, Deduct	-6.35	
For>600 To 750, Deduct	-8.46	
For>750, Deduct	-10.85	
33 11 13 00-0028 LF 8" Polyvinyl Chloride (PVC) Well Casing.....	127.74	
For>100 To 250, Deduct	-3.52	
For>250 To 400, Deduct	-6.72	
For>400 To 600, Deduct	-10.08	
For>600 To 750, Deduct	-13.43	
For>750, Deduct	-17.22	
33 11 13 00-0029 LF 10" Polyvinyl Chloride (PVC) Well Casing.....	193.01	
For>100 To 250, Deduct	-5.33	
For>250 To 400, Deduct	-10.15	
For>400 To 600, Deduct	-15.23	
For>600 To 750, Deduct	-20.31	
For>750, Deduct	-26.03	
33 11 13 00-0030 LF 12" Polyvinyl Chloride (PVC) Well Casing.....	227.41	
For>100 To 250, Deduct	-6.29	
For>250 To 400, Deduct	-11.98	
For>400 To 600, Deduct	-17.97	
For>600 To 750, Deduct	-23.96	
For>750, Deduct	-30.74	
<b>33 11 13 00-0031 Furnish And Install Well Screen Assembly (33 11 13 00-0001)</b>		
<b>33 11 13 00-0032 Stainless Steel Well Screen (33 11 13 00-0031)</b>		
33 11 13 00-0033 LF 2" Stainless Steel Well Screen.....	34.27	2.12
For>100 To 250, Deduct	-1.13	
For>250 To 400, Deduct	-1.98	
For>400 To 600, Deduct	-2.98	
For>600 To 750, Deduct	-3.97	
For>750, Deduct	-5.31	
33 11 13 00-0034 LF 3" Stainless Steel Well Screen.....	55.30	2.12
For>100 To 250, Deduct	-1.68	
For>250 To 400, Deduct	-3.06	
For>400 To 600, Deduct	-4.59	
For>600 To 750, Deduct	-6.12	
For>750, Deduct	-8.02	



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Groundwater Sources</b>	<b>33 11</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0035	LF		4" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	69.46 -2.11 -3.84 -5.76 -7.69 -10.09	3.17
33 11 13 00-0036	LF		5" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	88.00 -2.64 -4.84 -7.26 -9.68 -12.67	3.17
33 11 13 00-0037	LF		6" Stainless Steel Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i>	105.13 -3.22 -5.84 -8.77 -11.69 -15.37	4.22
<b>33 11 13 00-0038</b>			<b>Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40</b> <small>(33 11 13 00-0031)</small>		
33 11 13 00-0039	LF		2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	33.13 -1.16 -1.98 -2.98 -3.97 -5.39 8.01	
33 11 13 00-0040	LF		3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	51.33 -1.64 -2.92 -4.38 -5.84 -7.76 14.88	
33 11 13 00-0041	LF		4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	64.53 -2.06 -3.67 -5.51 -7.35 -9.76 18.66	
33 11 13 00-0042	LF		5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	81.39 -2.57 -4.60 -6.90 -9.20 -12.20 24.04	
33 11 13 00-0043	LF		6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen ..... <i>For &gt;100 To 250, Deduct</i> <i>For &gt;250 To 400, Deduct</i> <i>For &gt;400 To 600, Deduct</i> <i>For &gt;600 To 750, Deduct</i> <i>For &gt;750, Deduct</i> <i>For Schedule 80, Add</i>	87.06 -2.89 -5.06 -7.59 -10.13 -13.58 23.47	
<b>33 11 13 00-0044</b>			<b>Submersible Well Pumps</b> <small>(33 11 13)</small> Note: Includes pump end, motor and control box.		
<b>33 11 13 00-0045</b>			<b>4" Submersible Well Pumps</b> <small>(33 11 13 00-0044)</small>		
<b>33 11 13 00-0046</b>			<b>Powder Coated Case And Cast Iron Ends</b> <small>(33 11 13 00-0045)</small>		
33 11 13 00-0047	EA		1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends .....	1,433.61	502.81
33 11 13 00-0048	EA		3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends .....	1,633.22	557.31
33 11 13 00-0049	EA		1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends .....	1,812.74	619.22
<b>33 11 13 00-0050</b>			<b>Stainless Steel Case And Ends</b> <small>(33 11 13 00-0045)</small>		
33 11 13 00-0051	EA		1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,606.49	495.38
33 11 13 00-0052	EA		3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	1,830.98	557.31
33 11 13 00-0053	EA		1 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	2,051.93	619.22
33 11 13 00-0054	EA		1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	2,346.29	681.15
33 11 13 00-0055	EA		2 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	2,651.29	743.07
33 11 13 00-0056	EA		3 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	3,254.21	866.92
33 11 13 00-0057	EA		5 HP Submersible Well Pump, 4" Diameter Stainless Steel .....	4,078.56	990.76
<b>33 11 13 00-0058</b>			<b>6" Submersible Well Pumps</b> <small>(33 11 13 00-0044)</small>		
33 11 13 00-0059	EA		5 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	4,006.76	1,238.45
33 11 13 00-0060	EA		7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	4,610.86	1,362.30
33 11 13 00-0061	EA		10 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	5,237.47	1,486.14
33 11 13 00-0062	EA		15 HP Submersible Well Pump, 6" Diameter Stainless Steel .....	6,334.15	1,733.83



<b>33</b>	<b>33 Utilities</b>
	<b>33 10 Water Utilities</b>
	<b>33 11 Groundwater Sources</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**33 14 Water Utility Transmission and Distribution** <sup>(33 10)</sup>

**33 14 11 Water Utility Transmission Piping** <sup>(33 14)</sup>

See CSI section 31 23 16 00-0000 for excavation.

**33 14 13 Public Water Utility Distribution Piping** <sup>(33 14)</sup>

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

**33 14 13 13 Ductile Iron Public Water Utility Distribution Piping** <sup>(33 14 13)</sup>

**33 14 13 13-0001 Ductile Iron Piping** <sup>(33 14 13 13)</sup>

**33 14 13 13-0002 Mechanical Joint Ductile Iron Piping** <sup>(33 14 13 13-0001)</sup>

Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0334 for bolts and gaskets.

**33 14 13 13-0003 Mechanical Joint Ductile Iron Pipe** <sup>(33 14 13 13-0002)</sup>

Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.

33 14 13 13-0004	LF 3", Class 51, Mechanical Joint Ductile Iron Pipe.....	76.11	14.12
	<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	11.88	
	<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	38.33	
	<i>For Cement Mortar Lining (CML), Add</i>	5.48	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	29.57	
	<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	9.86	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.11	
	<i>Note: ANSI/AWWA C151/A21.51</i>		
	<i>For &gt;1,000, Deduct</i>	-3.81	
	<i>For Class 52, Add</i>	16.69	
	<i>For Class 53, Add</i>	30.14	
	<i>For Class 54, Add</i>	43.03	
	<i>For Class 55, Add</i>	49.43	
	<i>For Class 56, Add</i>	55.72	
33 14 13 13-0005	LF 4", Class 50, Mechanical Joint Ductile Iron Pipe.....	82.92	15.03
	<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	12.85	
	<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	42.11	
	<i>For Cement Mortar Lining (CML), Add</i>	6.02	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	32.48	
	<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	10.83	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.51	
	<i>Note: ANSI/AWWA C151/A21.51</i>		
	<i>For &gt;1,000, Deduct</i>	-4.15	
	<i>For Class 51, Add</i>	8.48	
	<i>For Class 52, Add</i>	18.32	
	<i>For Class 53, Add</i>	33.09	
	<i>For Class 54, Add</i>	47.24	
	<i>For Class 55, Add</i>	54.26	
	<i>For Class 56, Add</i>	61.17	
33 14 13 13-0006	LF 6", Class 50, Mechanical Joint Ductile Iron Pipe.....	89.15	15.78
	<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	13.69	
	<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	45.71	
	<i>For Cement Mortar Lining (CML), Add</i>	6.53	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	35.26	
	<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	11.75	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	4.90	
	<i>Note: ANSI/AWWA C151/A21.51</i>		
	<i>For &gt;1,000, Deduct</i>	-4.46	
	<i>For Class 51, Add</i>	9.20	
	<i>For Class 52, Add</i>	19.87	
	<i>For Class 53, Add</i>	35.89	
	<i>For Class 54, Add</i>	51.24	
	<i>For Class 55, Add</i>	58.86	
	<i>For Class 56, Add</i>	66.34	
33 14 13 13-0007	LF 8", Class 50, Mechanical Joint Ductile Iron Pipe.....	108.36	16.39
	<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	15.80	
	<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	58.46	
	<i>For Cement Mortar Lining (CML), Add</i>	8.35	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	45.10	
	<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	15.03	
	<i>Note: ANSI/AWWA C104/A21.4</i>		
	<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	6.26	
	<i>Note: ANSI/AWWA C151/A21.51</i>		
	<i>For &gt;1,000, Deduct</i>	-5.42	
	<i>For Class 51, Add</i>	11.69	
	<i>For Class 52, Add</i>	25.27	
	<i>For Class 53, Add</i>	45.69	
	<i>For Class 54, Add</i>	65.25	
	<i>For Class 55, Add</i>	74.92	
	<i>For Class 56, Add</i>	84.42	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0008 LF 10", Class 50, Mechanical Joint Ductile Iron Pipe.....	143.94	23.29
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	21.45	
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	65.20	
For Cement Mortar Lining (CML), Add	10.87	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	54.33	
For Fusion Bonded Epoxy Lining (206N), Add	19.56	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.15	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-7.20	
For Class 51, Add	15.25	
For Class 52, Add	32.95	
For Class 53, Add	59.55	
For Class 54, Add	85.04	
For Class 55, Add	97.66	
For Class 56, Add	110.06	
33 14 13 13-0009 LF 12", Class 50, Mechanical Joint Ductile Iron Pipe.....	177.98	25.88
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	25.64	
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	69.39	
For Cement Mortar Lining (CML), Add	13.88	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	55.51	
For Fusion Bonded Epoxy Lining (206N), Add	24.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.41	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-8.90	
For Class 51, Add	19.41	
For Class 52, Add	41.93	
For Class 53, Add	75.84	
For Class 54, Add	108.32	
For Class 55, Add	124.37	
For Class 56, Add	140.12	
33 14 13 13-0010 LF 14", Class 50, Mechanical Joint Ductile Iron Pipe.....	216.20	29.05
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	30.44	
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	75.72	
For Cement Mortar Lining (CML), Add	17.21	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	58.51	
For Fusion Bonded Epoxy Lining (206N), Add	30.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.91	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-10.81	
For Class 51, Add	24.01	
For Class 52, Add	51.89	
For Class 53, Add	93.88	
For Class 54, Add	134.10	
For Class 55, Add	153.95	
For Class 56, Add	173.43	
33 14 13 13-0011 LF 16", Class 50, Mechanical Joint Ductile Iron Pipe.....	243.34	33.28
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	34.41	
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	79.11	
For Cement Mortar Lining (CML), Add	19.29	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	59.81	
For Fusion Bonded Epoxy Lining (206N), Add	34.73	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.47	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-12.17	
For Class 51, Add	26.93	
For Class 52, Add	58.20	
For Class 53, Add	105.29	
For Class 54, Add	150.39	
For Class 55, Add	172.65	
For Class 56, Add	194.50	
33 14 13 13-0012 LF 18", Class 50, Mechanical Joint Ductile Iron Pipe.....	306.25	38.81
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	42.39	
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	101.45	
For Cement Mortar Lining (CML), Add	24.74	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	76.71	
For Fusion Bonded Epoxy Lining (206N), Add	44.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.56	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-15.31	
For Class 51, Add	34.46	
For Class 52, Add	74.49	
For Class 53, Add	134.81	
For Class 54, Add	192.58	
For Class 55, Add	221.05	
For Class 56, Add	249.01	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0013	LF	20"	Class 50, Mechanical Joint Ductile Iron Pipe.....	343.07	46.57
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	48.42	
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	103.55	
			<i>For Cement Mortar Lining (CML), Add</i>	27.25	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	76.30	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	49.05	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	20.44	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For &gt;1,000, Deduct</i>	-17.15	
			<i>For Class 51, Add</i>	38.02	
			<i>For Class 52, Add</i>	82.18	
			<i>For Class 53, Add</i>	148.68	
			<i>For Class 54, Add</i>	212.37	
			<i>For Class 55, Add</i>	243.80	
			<i>For Class 56, Add</i>	274.66	
33 14 13 13-0014	LF	24"	Class 50, Mechanical Joint Ductile Iron Pipe.....	453.93	58.22
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	63.04	
			<i>For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add</i>	113.37	
			<i>For Cement Mortar Lining (CML), Add</i>	36.57	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For 40 Mil Ceramic Epoxy Lining (P401), Add</i>	76.80	
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	65.83	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	27.43	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
			<i>For &gt;1,000, Deduct</i>	-22.70	
			<i>For Class 51, Add</i>	50.95	
			<i>For Class 52, Add</i>	110.13	
			<i>For Class 53, Add</i>	199.30	
			<i>For Class 54, Add</i>	284.70	
			<i>For Class 55, Add</i>	326.80	
			<i>For Class 56, Add</i>	368.13	
<b>33 14 13 13-0015</b>			<b>Mechanical Joint Ductile Iron 90 Degree Elbow</b> (33 14 13 13-0002)		
33 14 13 13-0016	EA	3"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	195.01	44.58
			<i>For Cement Mortar Lining (CML), Add</i>	12.75	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	22.94	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	9.56	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0017	EA	4"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	219.42	53.28
			<i>For Cement Mortar Lining (CML), Add</i>	13.87	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	24.97	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	10.40	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0018	EA	6"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	346.02	78.74
			<i>For Cement Mortar Lining (CML), Add</i>	22.68	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	40.82	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	17.01	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0019	EA	8"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	471.44	93.40
			<i>For Cement Mortar Lining (CML), Add</i>	32.99	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	59.38	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	24.74	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0020	EA	10"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	681.23	103.26
			<i>For Cement Mortar Lining (CML), Add</i>	52.48	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	94.47	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	39.36	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0021	EA	12"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	890.07	121.14
			<i>For Cement Mortar Lining (CML), Add</i>	70.66	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	127.19	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	53.00	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0022	EA	14"	Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,388.50	135.84
			<i>For Cement Mortar Lining (CML), Add</i>	118.27	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	212.89	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	88.70	
			<i>Note: ANSI/AWWA C151/A21.51</i>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0023 EA 16" Mechanical Joint Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,841.50 160.63 289.13 120.47	155.24
33 14 13 13-0024 EA 18" Mechanical Joint Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,263.54 193.43 348.17 145.07	217.34
33 14 13 13-0025 EA 20" Mechanical Joint Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,108.74 269.72 485.49 202.29	271.67
33 14 13 13-0026 EA 24" Mechanical Joint Ductile Iron 90 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,574.24 402.60 724.69 301.95	361.76
<b>33 14 13 13-0027 Mechanical Joint Ductile Iron 45 Degree Elbow</b> <small>(33 14 13 13-0002)</small>		
33 14 13 13-0028 EA 3" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	181.89 11.43 20.58 8.57	44.58
33 14 13 13-0029 EA 4" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	195.05 11.43 20.58 8.57	53.28
33 14 13 13-0030 EA 6" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	302.91 18.37 33.06 13.78	78.74
33 14 13 13-0031 EA 8" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	409.59 26.80 48.25 20.10	93.40
33 14 13 13-0032 EA 10" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	548.15 39.17 70.51 29.38	103.26
33 14 13 13-0033 EA 12" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	768.24 58.48 105.26 43.86	121.14
33 14 13 13-0034 EA 14" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,126.09 92.03 165.65 69.02	135.84
33 14 13 13-0035 EA 16" Mechanical Joint Ductile Iron 45 Degree Elbow ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,382.29 114.71 206.47 86.03	155.24

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0036	EA	18" Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,974.89	217.34
			For Cement Mortar Lining (CML), Add	164.57	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	296.22	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	123.42	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0037	EA	20" Mechanical Joint Ductile Iron 45 Degree Elbow .....	2,169.70	271.67
			For Cement Mortar Lining (CML), Add	175.81	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	316.46	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	131.86	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0038	EA	24" Mechanical Joint Ductile Iron 45 Degree Elbow .....	3,219.11	361.76
			For Cement Mortar Lining (CML), Add	267.09	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	480.76	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	200.32	
			Note: ANSI/AWWA C151/A21.51		
<b>33 14 13</b>	<b>13-0039</b>		<b>Mechanical Joint Ductile Iron 22-1/2 Degree Elbow</b> <small>(33 14 13 13-0002)</small>		
33 14 13	13-0040	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	157.53	44.58
			For Cement Mortar Lining (CML), Add	9.00	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	16.19	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.75	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0041	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	189.43	53.28
			For Cement Mortar Lining (CML), Add	10.87	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	19.57	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.15	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0042	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	287.92	78.74
			For Cement Mortar Lining (CML), Add	16.87	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	30.36	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.65	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0043	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	403.96	93.40
			For Cement Mortar Lining (CML), Add	26.24	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	47.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.68	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0044	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	546.28	103.26
			For Cement Mortar Lining (CML), Add	38.99	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	70.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.24	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0045	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	695.14	121.14
			For Cement Mortar Lining (CML), Add	51.17	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	92.10	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.38	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0046	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,137.34	135.84
			For Cement Mortar Lining (CML), Add	93.15	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	167.68	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	69.87	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0047	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,335.44	155.24
			For Cement Mortar Lining (CML), Add	110.02	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	198.04	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	82.52	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0048	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,680.62	217.34
			For Cement Mortar Lining (CML), Add	135.14	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	243.25	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	101.35	
			Note: ANSI/AWWA C151/A21.51		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0049 EA 20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,248.42	271.67
For Cement Mortar Lining (CML), Add	183.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	330.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	137.76	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0050 EA 24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	3,012.93	361.76
For Cement Mortar Lining (CML), Add	246.47	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	443.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	184.85	
Note: ANSI/AWWA C151/A21.51		
<b>33 14 13 13-0051 Mechanical Joint Ductile Iron 11-1/4 Degree Elbow (33 14 13 13-0002)</b>		
33 14 13 13-0052 EA 3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	157.53	44.58
For Cement Mortar Lining (CML), Add	9.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	16.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.75	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0053 EA 4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	183.81	53.28
For Cement Mortar Lining (CML), Add	10.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	18.56	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.73	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0054 EA 6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	293.54	78.74
For Cement Mortar Lining (CML), Add	17.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	31.38	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.07	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0055 EA 8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	379.60	93.40
For Cement Mortar Lining (CML), Add	23.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	42.85	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0056 EA 10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	542.53	103.26
For Cement Mortar Lining (CML), Add	38.61	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	69.50	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.96	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0057 EA 12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	663.28	121.14
For Cement Mortar Lining (CML), Add	47.98	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	86.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.99	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0058 EA 14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,268.54	135.84
For Cement Mortar Lining (CML), Add	106.27	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	191.29	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	79.71	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0059 EA 16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,399.16	155.24
For Cement Mortar Lining (CML), Add	116.40	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	209.51	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	87.30	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0060 EA 18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	2,036.75	217.34
For Cement Mortar Lining (CML), Add	170.75	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	307.35	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	128.06	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0061 EA 20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	2,141.59	271.67
For Cement Mortar Lining (CML), Add	173.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	311.40	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	129.75	
Note: ANSI/AWWA C151/A21.51		

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0062	EA		24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	2,855.49	361.76
			For Cement Mortar Lining (CML), Add	230.73	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	415.31	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	173.05	
			Note: ANSI/AWWA C151/A21.51		
<b>33 14 13 13-0063</b>			<b>Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow</b> <small>(33 14 13 13-0002)</small>		
33 14 13 13-0064	EA		3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	200.64	44.58
			For Cement Mortar Lining (CML), Add	13.31	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	23.95	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.98	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065	EA		4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	245.66	53.28
			For Cement Mortar Lining (CML), Add	16.49	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	29.69	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.37	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066	EA		6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	392.88	78.74
			For Cement Mortar Lining (CML), Add	27.37	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	49.26	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.52	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067	EA		8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	533.29	93.40
			For Cement Mortar Lining (CML), Add	39.17	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	70.51	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.38	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0068	EA		10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	771.20	103.26
			For Cement Mortar Lining (CML), Add	61.48	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	110.66	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	46.11	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069	EA		12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	987.53	121.14
			For Cement Mortar Lining (CML), Add	80.41	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	144.73	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	60.31	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070	EA		14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	1,701.51	135.84
			For Cement Mortar Lining (CML), Add	149.57	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	269.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	112.18	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071	EA		16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	2,604.35	155.24
			For Cement Mortar Lining (CML), Add	236.91	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	426.45	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	177.69	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072	EA		18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	3,020.76	217.34
			For Cement Mortar Lining (CML), Add	269.15	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	484.47	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	201.86	
			Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073	EA		20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	4,105.87	271.67
			For Cement Mortar Lining (CML), Add	369.43	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	664.97	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	277.07	
			Note: ANSI/AWWA C151/A21.51		



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0074	EA	24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,986.59 443.84 798.91 332.88	361.76
<b>33 14 13</b>	<b>13-0075</b>		<b>Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow</b> <small>(33 14 13 13-0002)</small>		
33 14 13	13-0076	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	183.77 11.62 20.92 8.72	44.58
33 14 13	13-0077	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	200.68 12.00 21.59 9.00	53.28
33 14 13	13-0078	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	323.53 20.43 36.77 15.32	78.74
33 14 13	13-0079	EA	8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	469.57 32.80 59.04 24.60	93.40
33 14 13	13-0080	EA	10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	643.74 48.73 87.72 36.55	103.26
33 14 13	13-0081	EA	12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	876.95 69.35 124.83 52.01	121.14
33 14 13	13-0082	EA	14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,504.70 129.89 233.80 97.42	135.84
33 14 13	13-0083	EA	16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,295.09 205.99 370.78 154.49	155.24
33 14 13	13-0084	EA	18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,707.75 237.85 428.13 178.39	217.34
33 14 13	13-0085	EA	20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,517.34 310.58 559.04 232.93	271.67

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0086 EA 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,418.67 387.05 696.68 290.29	361.76
<b>33 14 13 13-0087 Mechanical Joint Ductile Iron Tee</b> <small>(33 14 13 13-0002)</small>		
33 14 13 13-0088 EA 3" x 3" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	318.75 21.74 39.14 16.31	66.89
33 14 13 13-0089 EA 4" x 3" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	330.68 21.74 39.14 16.31	74.75
33 14 13 13-0090 EA 4" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	301.04 18.18 32.73 13.64	78.74
33 14 13 13-0091 EA 6" x 3" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	401.43 25.12 45.21 18.84	99.18
33 14 13 13-0092 EA 6" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	461.98 30.55 54.99 22.91	103.28
33 14 13 13-0093 EA 6" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	503.10 32.80 59.04 24.60	115.63
33 14 13 13-0094 EA 8" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	535.58 35.43 63.77 26.57	119.68
33 14 13 13-0095 EA 8" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	608.56 40.86 73.55 30.65	131.98
33 14 13 13-0096 EA 8" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	705.34 49.30 88.73 36.97	140.21
33 14 13 13-0097 EA 10" x 4" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	737.98 54.36 97.84 40.77	128.33
33 14 13 13-0098 EA 10" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	738.76 52.67 94.80 39.50	139.97



	<b>Utilities</b>	<b>33</b>
	<b>Water Utilities</b>	<b>33 10</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0099	EA	10" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	840.50 61.67 111.00 46.25	147.74
33 14 13	13-0100	EA	10" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	939.95 70.47 126.85 52.86	155.24
33 14 13	13-0101	EA	12" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	883.34 66.54 119.77 49.90	143.86
33 14 13	13-0102	EA	12" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,004.06 76.85 138.32 57.64	155.49
33 14 13	13-0103	EA	12" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,235.13 98.78 177.80 74.08	163.26
33 14 13	13-0104	EA	12" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,323.33 106.46 191.63 79.85	170.76
33 14 13	13-0105	EA	12" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,254.50 98.40 177.12 73.80	178.53
33 14 13	13-0106	EA	14" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,339.13 106.46 191.63 79.85	181.18
33 14 13	13-0107	EA	14" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,491.48 120.52 216.93 90.39	188.95
33 14 13	13-0108	EA	14" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,907.69 161.00 289.81 120.75	196.45
33 14 13	13-0109	EA	14" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,039.40 173.00 311.40 129.75	204.21
33 14 13	13-0110	EA	14" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,967.03 163.82 294.87 122.86	217.10



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0111	EA	16" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,703.06 137.39 247.30 103.04	217.32
33 14 13	13-0112	EA	16" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,833.02 149.20 268.55 111.90	225.09
33 14 13	13-0113	EA	16" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,136.77 178.44 321.18 133.83	232.59
33 14 13	13-0114	EA	16" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,339.71 197.55 355.60 148.16	240.36
33 14 13	13-0115	EA	16" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,818.38 243.47 438.25 182.61	253.21
33 14 13	13-0116	EA	16" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,662.08 225.11 405.19 168.83	271.32
33 14 13	13-0117	EA	18" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,366.96 194.55 350.20 145.92	278.13
33 14 13	13-0118	EA	18" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,539.93 210.67 379.21 158.01	285.90
33 14 13	13-0119	EA	18" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,749.96 230.54 414.97 172.91	293.40
33 14 13	13-0120	EA	18" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,958.53 250.22 450.40 187.67	301.16
33 14 13	13-0121	EA	18" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,043.60 256.78 462.21 192.59	314.01
33 14 13	13-0122	EA	18" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,249.03 274.59 494.26 205.94	332.08



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0123	EA	18" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,806.79 325.76 586.36 244.32	362.46
33 14 13	13-0124	EA	20" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,793.53 218.92 394.06 164.19	398.85
33 14 13	13-0125	EA	20" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,854.03 223.79 402.83 167.85	406.62
33 14 13	13-0126	EA	20" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,110.93 248.35 447.02 186.26	414.11
33 14 13	13-0127	EA	20" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,366.35 272.71 490.89 204.54	421.87
33 14 13	13-0128	EA	20" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,406.42 274.78 494.60 206.08	434.71
33 14 13	13-0129	EA	20" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,456.29 277.02 498.64 207.77	452.79
33 14 13	13-0130	EA	20" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,349.56 361.74 651.14 271.31	483.19
33 14 13	13-0131	EA	20" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,826.23 300.27 540.48 225.20	543.57
33 14 13	13-0132	EA	24" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,420.08 263.34 474.02 197.51	519.20
33 14 13	13-0133	EA	24" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,465.59 266.72 480.09 200.04	527.69
33 14 13	13-0134	EA	24" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,821.82 301.20 542.17 225.90	534.46

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0135	EA 24" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	3,917.92 309.64 557.35 232.23	542.23
33 14 13 13-0136	EA 24" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	4,413.45 357.25 643.04 267.93	555.07
33 14 13 13-0137	EA 24" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	4,768.85 390.05 702.08 292.53	573.13
33 14 13 13-0138	EA 24" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	5,422.20 450.77 811.39 338.08	603.54
33 14 13 13-0139	EA 24" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	6,010.34 500.44 900.80 375.33	663.90
33 14 13 13-0140	EA 24" x 24" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	5,554.21 445.71 802.28 334.28	724.10
<b>33 14 13 13-0141</b>	<b>Mechanical Joint Ductile Iron Wye (Laterals)</b> <small>(33 14 13 13-0002)</small>		
33 14 13 13-0142	EA 4" x 3" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	272.58 15.93 28.68 11.95	74.75
33 14 13 13-0143	EA 4" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	417.24 29.80 53.64 22.35	78.69
33 14 13 13-0144	EA 6" x 3" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	401.43 25.12 45.21 18.84	99.18
33 14 13 13-0145	EA 6" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	463.86 30.74 55.33 23.05	103.28
33 14 13 13-0146	EA 6" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	624.94 44.98 80.97 33.74	115.56
33 14 13 13-0147	EA 8" x 4" Mechanical Joint Ductile Iron Wye (Lateral) ..... <i>For Cement Mortar Lining (CML), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Fusion Bonded Epoxy Lining (206N), Add</i> Note: ANSI/AWWA C104/A21.4 <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> Note: ANSI/AWWA C151/A21.51	801.73 62.04 111.67 46.53	119.68



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0148 EA 8" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	719.15	131.98
For Cement Mortar Lining (CML), Add	51.92	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	93.45	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.94	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0149 EA 8" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	868.40	140.18
For Cement Mortar Lining (CML), Add	65.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	118.08	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.20	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0150 EA 10" x 4" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,238.43	128.33
For Cement Mortar Lining (CML), Add	104.40	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	187.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	78.30	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0151 EA 10" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,310.43	139.97
For Cement Mortar Lining (CML), Add	109.84	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	197.70	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	82.38	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0152 EA 10" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,505.88	147.74
For Cement Mortar Lining (CML), Add	128.20	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	230.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	96.15	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0153 EA 10" x 10" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,695.31	155.24
For Cement Mortar Lining (CML), Add	146.01	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	262.82	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	109.51	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0154 EA 12" x 4" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,580.59	143.86
For Cement Mortar Lining (CML), Add	136.26	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	245.27	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	102.20	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0155 EA 12" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	1,787.53	155.49
For Cement Mortar Lining (CML), Add	155.19	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	279.35	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	116.40	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0156 EA 12" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,153.54	163.26
For Cement Mortar Lining (CML), Add	190.62	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	343.11	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	142.96	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0157 EA 12" x 10" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,215.51	170.76
For Cement Mortar Lining (CML), Add	195.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	352.22	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	146.76	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0158 EA 12" x 12" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,007.97	178.51
For Cement Mortar Lining (CML), Add	173.75	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	312.75	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	130.31	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0159 EA 14" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,366.26	181.18
For Cement Mortar Lining (CML), Add	209.17	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	376.51	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	156.88	
Note: ANSI/AWWA C151/A21.51		

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0160	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,707.91	188.95
			For Cement Mortar Lining (CML), Add	242.16	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	435.89	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	181.62	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0161	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,534.60	196.45
			For Cement Mortar Lining (CML), Add	323.70	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	582.65	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	242.77	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0162	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,786.26	204.21
			For Cement Mortar Lining (CML), Add	347.69	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	625.83	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	260.76	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0163	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,700.77	217.06
			For Cement Mortar Lining (CML), Add	337.19	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	606.94	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	252.89	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0164	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,432.28	217.32
			For Cement Mortar Lining (CML), Add	210.30	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	378.54	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	157.72	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0165	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	2,676.46	225.09
			For Cement Mortar Lining (CML), Add	233.54	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	420.37	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	175.16	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0166	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,154.53	232.59
			For Cement Mortar Lining (CML), Add	280.21	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	504.38	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	210.16	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0167	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,528.03	240.36
			For Cement Mortar Lining (CML), Add	316.39	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	569.49	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	237.29	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0168	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral) .....	4,413.43	253.21
			For Cement Mortar Lining (CML), Add	402.98	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	725.36	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	302.23	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0169	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral) .....	4,257.12	271.27
			For Cement Mortar Lining (CML), Add	384.61	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	692.30	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	288.46	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0170	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	3,827.06	278.13
			For Cement Mortar Lining (CML), Add	340.56	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	613.02	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	255.42	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0171	EA	18" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	4,119.98	285.90
			For Cement Mortar Lining (CML), Add	368.68	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	663.62	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	276.51	
			Note: ANSI/AWWA C151/A21.51		





	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0172	EA	18" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,403.11 395.86 712.54 296.89	293.40
33 14 13	13-0173	EA	18" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,711.02 425.47 765.85 319.10	301.16
33 14 13	13-0174	EA	18" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,764.22 428.84 771.92 321.63	314.01
33 14 13	13-0175	EA	18" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,814.09 431.09 775.97 323.32	332.08
33 14 13	13-0176	EA	18" x 18" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,406.57 385.74 694.32 289.30	362.49
33 14 13	13-0177	EA	20" x 6" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,544.14 393.98 709.17 295.49	398.85
33 14 13	13-0178	EA	20" x 8" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,644.00 402.79 725.02 302.09	406.62
33 14 13	13-0179	EA	20" x 10" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,097.71 447.03 804.65 335.27	414.11
33 14 13	13-0180	EA	20" x 12" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,548.05 490.88 883.59 368.16	421.87
33 14 13	13-0181	EA	20" x 14" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,605.00 494.63 890.34 370.97	434.71
33 14 13	13-0182	EA	20" x 16" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,671.74 498.57 897.42 373.93	452.79
33 14 13	13-0183	EA	20" x 18" Mechanical Joint Ductile Iron Wye (Lateral) ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,568.75 583.66 1,050.59 437.75	483.19

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0184 EA 20" x 20" Mechanical Joint Ductile Iron Wye (Lateral) .....	6,229.11	543.55
For Cement Mortar Lining (CML), Add	540.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	973.00	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	405.42	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0185 EA 24" x 6" Mechanical Joint Ductile Iron Wye (Lateral) .....	5,526.82	519.20
For Cement Mortar Lining (CML), Add	474.02	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	853.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	355.51	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0186 EA 24" x 8" Mechanical Joint Ductile Iron Wye (Lateral) .....	5,598.56	526.95
For Cement Mortar Lining (CML), Add	480.01	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	864.02	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	360.01	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0187 EA 24" x 10" Mechanical Joint Ductile Iron Wye (Lateral) .....	6,230.32	534.46
For Cement Mortar Lining (CML), Add	542.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	975.70	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	406.54	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0188 EA 24" x 12" Mechanical Joint Ductile Iron Wye (Lateral) .....	6,519.47	542.23
For Cement Mortar Lining (CML), Add	569.79	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,025.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	427.34	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0189 EA 24" x 14" Mechanical Joint Ductile Iron Wye (Lateral) .....	7,521.08	555.07
For Cement Mortar Lining (CML), Add	668.01	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,202.41	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	501.01	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0190 EA 24" x 16" Mechanical Joint Ductile Iron Wye (Lateral) .....	8,352.55	573.13
For Cement Mortar Lining (CML), Add	748.42	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,347.15	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	561.31	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0191 EA 24" x 18" Mechanical Joint Ductile Iron Wye (Lateral) .....	9,343.28	603.54
For Cement Mortar Lining (CML), Add	842.88	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,517.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	632.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0192 EA 24" x 20" Mechanical Joint Ductile Iron Wye (Lateral) .....	10,265.05	663.90
For Cement Mortar Lining (CML), Add	925.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,666.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	694.44	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0193 EA 24" x 24" Mechanical Joint Ductile Iron Wye (Lateral) .....	9,119.17	724.06
For Cement Mortar Lining (CML), Add	802.21	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,443.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	601.66	
Note: ANSI/AWWA C151/A21.51		
<b>33 14 13 13-0194 Mechanical Joint Ductile Iron Cross (33 14 13 13-0002)</b>		
33 14 13 13-0195 EA 3" x 3" Mechanical Joint Ductile Iron Cross .....	376.91	89.19
For Cement Mortar Lining (CML), Add	24.18	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	43.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	18.13	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0196 EA 4" x 3" Mechanical Joint Ductile Iron Cross .....	456.30	97.05
For Cement Mortar Lining (CML), Add	30.93	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	55.67	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.19	
Note: ANSI/AWWA C151/A21.51		



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0197	EA		4" x 4" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	540.77 39.17 70.51 29.38	98.36
33 14 13	13-0198	EA		6" x 3" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	645.38 46.11 82.99 34.58	121.59
33 14 13	13-0199	EA		6" x 4" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	626.05 42.73 76.92 32.05	131.15
33 14 13	13-0200	EA		6" x 6" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	728.21 47.98 86.37 35.99	163.94
33 14 13	13-0201	EA		8" x 4" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	642.83 42.55 76.58 31.91	143.45
33 14 13	13-0202	EA		8" x 6" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	763.71 49.67 89.40 37.25	176.24
33 14 13	13-0203	EA		8" x 8" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	808.62 52.29 94.13 39.22	188.52
33 14 13	13-0204	EA		10" x 4" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	782.21 55.48 99.86 41.61	150.08
33 14 13	13-0205	EA		10" x 6" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	896.71 62.23 112.01 46.67	181.14
33 14 13	13-0206	EA		10" x 8" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,064.32 77.22 139.00 57.92	192.80
33 14 13	13-0207	EA		10" x 10" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,151.49 83.78 150.81 62.84	206.99
33 14 13	13-0208	EA		12 x 4" Mechanical Joint Ductile Iron Cross ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	947.97 70.10 126.18 52.58	163.00

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0209	EA 12" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,101.85 80.78 145.41 60.59	194.05
33 14 13 13-0210	EA 12" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,586.20 127.45 229.42 95.59	205.70
33 14 13 13-0211	EA 12" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,607.79 127.45 229.42 95.59	219.95
33 14 13 13-0212	EA 12" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,824.16 147.13 264.84 110.35	232.86
33 14 13 13-0213	EA 14" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,867.84 154.44 278.00 115.83	213.44
33 14 13 13-0214	EA 14" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,196.64 185.56 334.00 139.17	225.09
33 14 13 13-0215	EA 14" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,255.70 189.31 340.75 141.98	239.34
33 14 13 13-0216	EA 14" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,380.24 199.80 359.65 149.85	252.26
33 14 13 13-0217	EA 14" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,632.66 222.11 399.79 166.58	271.67
33 14 13 13-0218	EA 16" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,135.77 177.12 318.82 132.84	240.60
33 14 13 13-0219	EA 16" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,428.96 204.68 368.42 153.51	252.26
33 14 13 13-0220	EA 16" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,905.20 250.14 450.26 187.61	266.48



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0221 EA 16" x 12" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,236.70 281.34 506.40 211.00	279.41
33 14 13 13-0222 EA 16" x 14" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,907.11 345.44 621.79 259.08	298.80
33 14 13 13-0223 EA 16" x 16" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,572.39 407.85 734.13 305.89	326.00
33 14 13 13-0224 EA 18" x 6" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,525.55 309.45 557.01 232.09	284.50
33 14 13 13-0225 EA 18" x 8" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,726.90 327.82 590.07 245.86	296.16
33 14 13 13-0226 EA 18" x 10" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,902.17 343.19 617.74 257.39	310.39
33 14 13 13-0227 EA 18" x 12" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,229.12 373.93 673.07 280.45	323.31
33 14 13 13-0228 EA 18" x 14" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,931.39 441.22 794.19 330.91	342.70
33 14 13 13-0229 EA 18" x 16" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,249.93 468.96 844.12 351.72	369.85
33 14 13 13-0230 EA 18" x 18" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,500.13 487.32 877.18 365.49	413.74
33 14 13 13-0231 EA 20" x 6" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,431.95 389.11 700.40 291.83	356.95
33 14 13 13-0232 EA 20" x 8" Mechanical Joint Ductile Iron Cross ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,635.16 407.67 733.80 305.75	368.61



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0233	EA 20" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	4,778.56 419.85 755.73 314.89	382.85
33 14 13 13-0234	EA 20" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,103.65 450.40 810.72 337.80	395.77
33 14 13 13-0235	EA 20" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,194.88 456.58 821.85 342.44	415.17
33 14 13 13-0236	EA 20" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,278.15 560.80 1,009.43 420.60	442.31
33 14 13 13-0237	EA 20" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,528.34 579.17 1,042.50 434.37	486.22
33 14 13 13-0238	EA 20" x 20" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	7,067.36 622.09 1,119.76 466.57	558.63
33 14 13 13-0239	EA 24" x 6" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,039.01 536.24 965.24 402.18	446.54
33 14 13 13-0240	EA 24" x 8" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,180.71 548.61 987.50 411.46	458.19
33 14 13 13-0241	EA 24" x 10" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,415.61 569.98 1,025.97 427.49	472.43
33 14 13 13-0242	EA 24" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,618.87 588.35 1,059.03 441.26	485.35
33 14 13 13-0243	EA 24" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,740.08 597.53 1,075.56 448.15	504.74
33 14 13 13-0244	EA 24" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,996.77 619.09 1,114.36 464.32	531.90



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0245	EA	24" x 18" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,239.37 836.70 1,506.05 627.52	575.79
33 14 13	13-0246	EA	24" x 20" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,746.53 876.43 1,577.58 657.32	648.26
33 14 13	13-0247	EA	24" x 24" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	10,740.69 962.28 1,732.10 721.71	737.86
<b>33 14 13</b>	<b>13-0248</b>		<b>Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 14 13 13-0002)</b>		
33 14 13	13-0249	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	182.23 10.87 19.57 8.15	48.52
33 14 13	13-0250	EA	6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	212.11 12.00 21.59 9.00	60.82
33 14 13	13-0251	EA	6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	229.31 13.12 23.62 9.84	64.76
33 14 13	13-0252	EA	8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	290.59 17.99 32.39 13.49	72.96
33 14 13	13-0253	EA	8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	320.34 19.12 34.41 14.34	85.25
33 14 13	13-0254	EA	10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	350.33 23.43 42.17 17.57	76.58
33 14 13	13-0255	EA	10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	381.08 24.74 44.53 18.56	88.23
33 14 13	13-0256	EA	10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	417.22 27.18 48.92 20.38	95.99
33 14 13	13-0257	EA	12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	423.93 29.61 53.31 22.21	84.34

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0258	EA	12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	471.56	95.99
			For Cement Mortar Lining (CML), Add	32.61	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	58.70	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.46	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0259	EA	12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	492.70	103.76
			For Cement Mortar Lining (CML), Add	33.55	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	60.39	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.16	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0260	EA	12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	539.69	111.26
			For Cement Mortar Lining (CML), Add	37.11	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	66.80	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.83	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0261	EA	14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	888.39	108.83
			For Cement Mortar Lining (CML), Add	72.35	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	130.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	54.26	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0262	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	862.67	116.61
			For Cement Mortar Lining (CML), Add	68.60	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	123.48	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	51.45	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0263	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	772.82	124.10
			For Cement Mortar Lining (CML), Add	58.48	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	105.26	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.86	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0264	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	812.68	131.86
			For Cement Mortar Lining (CML), Add	61.29	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	110.32	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	45.97	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0265	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,043.21	126.89
			For Cement Mortar Lining (CML), Add	85.09	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	153.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	63.82	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0266	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,023.12	134.67
			For Cement Mortar Lining (CML), Add	81.91	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	147.43	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	61.43	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0267	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,004.50	142.18
			For Cement Mortar Lining (CML), Add	78.91	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	142.04	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	59.18	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0268	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,089.36	149.93
			For Cement Mortar Lining (CML), Add	86.22	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	155.19	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	64.66	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0269	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,211.90	162.78
			For Cement Mortar Lining (CML), Add	96.53	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	173.75	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	72.40	
			Note: ANSI/AWWA C151/A21.51		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0270 EA 18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,301.61 105.15 189.27 78.86	165.07
33 14 13 13-0271 EA 18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,459.16 119.77 215.58 89.83	172.58
33 14 13 13-0272 EA 18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,407.19 113.40 204.11 85.05	180.34
33 14 13 13-0273 EA 18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,492.26 119.96 215.92 89.97	193.18
33 14 13 13-0274 EA 18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,572.12 125.21 225.37 93.90	211.26
33 14 13 13-0275 EA 20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,837.27 149.57 269.23 112.18	225.44
33 14 13 13-0276 EA 20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,762.41 140.95 253.71 105.71	232.93
33 14 13 13-0277 EA 20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,626.10 126.14 227.06 94.61	240.69
33 14 13 13-0278 EA 20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,636.20 125.21 225.37 93.90	253.53
33 14 13 13-0279 EA 20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,689.81 127.83 230.09 95.87	271.62
33 14 13 13-0280 EA 20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,026.40 156.88 282.39 117.66	302.01
33 14 13 13-0281 EA 24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,388.27 193.24 347.84 144.93	300.86

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0282	EA	24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,456.48	313.72
			<i>For Cement Mortar Lining (CML), Add</i>	198.12	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	356.61	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	148.59	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0283	EA	24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,510.09	331.78
			<i>For Cement Mortar Lining (CML), Add</i>	200.74	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	361.33	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	150.56	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0284	EA	24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,468.06	362.18
			<i>For Cement Mortar Lining (CML), Add</i>	191.93	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	345.47	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	143.95	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0285	EA	24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,016.85	422.55
			<i>For Cement Mortar Lining (CML), Add</i>	237.66	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	427.80	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	178.25	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
<b>33 14 13</b>	<b>13-0286</b>		<b>Mechanical Joint Ductile Iron Caps (33 14 13 13-0002)</b>		
33 14 13	13-0287	EA	3" Mechanical Joint Ductile Iron Caps .....	203.97	102.46
			<i>For Cement Mortar Lining (CML), Add</i>	4.87	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	8.77	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.65	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0288	EA	4" Mechanical Joint Ductile Iron Caps .....	232.76	120.21
			<i>For Cement Mortar Lining (CML), Add</i>	5.06	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	9.11	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	3.80	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0289	EA	6" Mechanical Joint Ductile Iron Caps .....	317.65	150.27
			<i>For Cement Mortar Lining (CML), Add</i>	9.00	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	16.19	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	6.75	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0290	EA	8" Mechanical Joint Ductile Iron Caps .....	410.16	171.75
			<i>For Cement Mortar Lining (CML), Add</i>	15.00	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	26.99	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	11.25	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0291	EA	10" Mechanical Joint Ductile Iron Caps .....	581.33	258.73
			<i>For Cement Mortar Lining (CML), Add</i>	18.93	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	34.08	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	14.20	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0292	EA	12" Mechanical Joint Ductile Iron Caps .....	710.68	282.25
			<i>For Cement Mortar Lining (CML), Add</i>	28.30	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	50.94	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	21.23	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0293	EA	14" Mechanical Joint Ductile Iron Caps .....	899.65	310.48
			<i>For Cement Mortar Lining (CML), Add</i>	42.92	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	77.26	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	32.19	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0294	EA	16" Mechanical Joint Ductile Iron Caps .....	1,098.11	344.94
			<i>For Cement Mortar Lining (CML), Add</i>	57.54	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	103.58	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	43.16	
			<i>Note: ANSI/AWWA C151/A21.51</i>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295 EA 18" Mechanical Joint Ductile Iron Caps ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,290.90 70.29 126.52 52.72	388.10
33 14 13 13-0296 EA 20" Mechanical Joint Ductile Iron Caps ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,581.09 90.91 163.63 68.18	443.49
33 14 13 13-0297 EA 24" Mechanical Joint Ductile Iron Caps ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	2,032.34 124.83 224.69 93.62	517.46
<b>33 14 13 13-0298 Mechanical Joint Ductile Iron Plug</b> <small>(33 14 13 13-0002)</small>		
33 14 13 13-0299 EA 3" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	211.47 5.62 10.12 4.22	102.46
33 14 13 13-0300 EA 4" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	244.00 6.19 11.13 4.64	120.21
33 14 13 13-0301 EA 6" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	347.64 12.00 21.59 9.00	150.27
33 14 13 13-0302 EA 8" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	440.14 17.99 32.39 13.49	171.75
33 14 13 13-0303 EA 10" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	703.16 31.11 56.01 23.34	258.73
33 14 13 13-0304 EA 12" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	744.42 31.68 57.02 23.76	282.25
33 14 13 13-0305 EA 14" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,115.20 64.48 116.06 48.36	310.48
33 14 13 13-0306 EA 16" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	605.16 8.25 14.84 6.19	344.94
33 14 13 13-0307 EA 18" Mechanical Joint Ductile Iron Plug ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,611.41 102.34 184.21 76.75	388.10

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0308 EA 20" Mechanical Joint Ductile Iron Plug.....	2,017.80	443.49
For Cement Mortar Lining (CML), Add	134.58	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	242.24	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	100.93	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309 EA 24" Mechanical Joint Ductile Iron Plug.....	2,650.86	517.46
For Cement Mortar Lining (CML), Add	186.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	336.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	140.01	
Note: ANSI/AWWA C151/A21.51		
<b>33 14 13 13-0310 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 14 13 13-0002)</b>		
33 14 13 13-0311 EA 3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	357.79	155.73
For Cement Mortar Lining (CML), Add	12.18	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	21.93	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.14	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312 EA 4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	404.42	180.33
For Cement Mortar Lining (CML), Add	13.12	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	23.62	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.84	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313 EA 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	523.34	225.41
For Cement Mortar Lining (CML), Add	18.18	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	32.73	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.64	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314 EA 8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	665.84	257.57
For Cement Mortar Lining (CML), Add	27.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	49.59	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.66	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315 EA 10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,067.86	388.10
For Cement Mortar Lining (CML), Add	47.98	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	86.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.99	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316 EA 12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,256.27	423.38
For Cement Mortar Lining (CML), Add	61.48	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	110.66	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	46.11	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317 EA 14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,682.15	465.72
For Cement Mortar Lining (CML), Add	97.65	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	175.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	73.24	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318 EA 16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,899.26	517.46
For Cement Mortar Lining (CML), Add	111.52	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	200.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	83.64	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0319 EA 18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,587.68	582.14
For Cement Mortar Lining (CML), Add	170.56	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	307.01	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	127.92	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320 EA 20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,039.81	665.30
For Cement Mortar Lining (CML), Add	203.18	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	365.72	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	152.38	
Note: ANSI/AWWA C151/A21.51		



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0321	EA	24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,678.28 250.22 450.40 187.67	776.20
<b>33 14 13</b>	<b>13-0322</b>		<b>Mechanical Joint Ductile Iron Long Sleeves</b> <small>(33 14 13 13-0002)</small>		
33 14 13	13-0323	EA	3" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	339.05 10.31 18.56 7.73	155.73
33 14 13	13-0324	EA	4" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	395.05 12.18 21.93 9.14	180.33
33 14 13	13-0325	EA	6" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	545.83 20.43 36.77 15.32	225.41
33 14 13	13-0326	EA	8" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	725.82 33.55 60.39 25.16	257.57
33 14 13	13-0327	EA	10" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	987.26 39.92 71.86 29.94	388.10
33 14 13	13-0328	EA	12" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,181.29 53.98 97.16 40.49	423.38
33 14 13	13-0329	EA	14" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,520.96 81.53 146.76 61.15	465.72
33 14 13	13-0330	EA	16" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,816.79 103.28 185.90 77.46	517.46
33 14 13	13-0331	EA	18" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,203.45 132.14 237.85 99.11	582.14
33 14 13	13-0332	EA	20" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,603.10 159.51 287.11 119.63	665.30
33 14 13	13-0333	EA	24" Mechanical Joint Ductile Iron Long Sleeves..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,277.17 210.11 378.20 157.58	776.20



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 14 13 13-0334		<b>Mechanical Joint Ductile Iron Gland Packs</b> <small>(33 14 13 13-0002)</small>	
		Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.	
33 14 13 13-0335		<b>Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts</b> <small>(33 14 13 13-0334)</small>	
		Note: Labor installation is included with pipe fittings or valves.	
33 14 13 13-0336	EA	3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	37.49
33 14 13 13-0337	EA	4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	40.26
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0338	EA	6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	48.65
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0339	EA	8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	57.04
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0340	EA	10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	78.85
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0341	EA	12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	83.88
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0342	EA	14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	137.56
		Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0343	EA	16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	145.95
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0344	EA	18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	194.60
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0345	EA	20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	251.64
		Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0346	EA	24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	350.62
		Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0347		<b>Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts</b> <small>(33 14 13 13-0334)</small>	
		Note: Labor installation is included with pipe fittings or valves.	
33 14 13 13-0348	EA	3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	63.73
33 14 13 13-0349	EA	4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	57.04
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0350	EA	6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	72.14
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0351	EA	8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts.....	78.85
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0352	EA	10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	109.04
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0353	EA	12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	114.08
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0354	EA	14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	172.79
		Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0355	EA	16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	189.57
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0356	EA	18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	251.64
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0357	EA	20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	325.45
		Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0358	EA	24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts .....	454.63
		Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0359		<b>Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts</b> <small>(33 14 13 13-0334)</small>	
		Note: Labor installation is included with pipe fittings or valves.	
33 14 13 13-0360	EA	3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	41.24
33 14 13 13-0361	EA	4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	43.62
		Note: Includes four (4) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0362	EA	6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	52.01
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0363	EA	8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	62.07
		Note: Includes six (6) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0364	EA	10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	85.56
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0365	EA	12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	90.59
		Note: Includes eight (8) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0366	EA	14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	149.31
		Note: Includes ten (10) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0367	EA	16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	157.69
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0368	EA	18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	213.06
		Note: Includes twelve (12) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0369	EA	20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	273.45
		Note: Includes fourteen (14) 3/4" diameter plain finish bolts with nut.	
33 14 13 13-0370	EA	24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts .....	382.49
		Note: Includes sixteen (16) 3/4" diameter plain finish bolts with nut.	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>33 14 13 13-0371</b>	<b>Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series)</b> <small>(33 14 13 13-0002)</small>	
<small>Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.</small>		
33 14 13 13-0372	EA 3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC).....	210.36 78.11
33 14 13 13-0373	EA 4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC).....	240.13 92.52
33 14 13 13-0374	EA 6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC).....	297.88 114.51
33 14 13 13-0375	EA 8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC).....	371.25 133.63
33 14 13 13-0376	EA 10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC).....	535.29 194.05
33 14 13 13-0377	EA 12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC).....	659.44 221.81
33 14 13 13-0378	EA 14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC).....	767.37 238.74
33 14 13 13-0379	EA 16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC).....	944.68 258.73
33 14 13 13-0380	EA 18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC).....	1,211.59 310.48
33 14 13 13-0381	EA 20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC).....	1,429.45 344.82
33 14 13 13-0382	EA 24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC).....	1,854.95 397.86

<b>33 14 13 13-0383</b>	<b>Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®)</b> <small>(33 14 13 13-0002)</small>	
33 14 13 13-0384	EA 3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,432.39 63.93
33 14 13 13-0385	EA 4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,615.59 79.92
33 14 13 13-0386	EA 6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	6,697.55 118.10
33 14 13 13-0387	EA 8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	9,101.38 140.09
33 14 13 13-0388	EA 10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	11,471.21 154.89
33 14 13 13-0389	EA 12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	15,299.70 181.70
33 14 13 13-0390	EA 14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	18,847.02 203.75
33 14 13 13-0391	EA 16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	22,296.78 232.86
33 14 13 13-0392	EA 18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	25,138.80 326.00
33 14 13 13-0393	EA 20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	33,818.98 407.51
33 14 13 13-0394	EA 24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	46,859.77 543.34

<b>33 14 13 13-0395</b>	<b>Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series)</b> <small>(33 14 13 13-0002)</small>	
<small>Note: Includes machined bolts and gasket.</small>		
33 14 13 13-0396	EA 3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM) .....	208.88 78.11
33 14 13 13-0397	EA 4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM) .....	267.68 92.52
33 14 13 13-0398	EA 6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM) .....	345.66 114.51
33 14 13 13-0399	EA 8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM) .....	394.67 133.63
33 14 13 13-0400	EA 10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM).....	691.47 204.91
33 14 13 13-0401	EA 12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM).....	782.70 234.22

<b>33 14 13 13-0402</b>	<b>Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series)</b> <small>(33 14 13 13-0002)</small>	
<small>Note: Includes nuts, bolts and gasket.</small>		
33 14 13 13-0403	EA 3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2103000).....	302.47 78.11
33 14 13 13-0404	EA 4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400) .....	375.96 92.52
33 14 13 13-0405	EA 6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600) .....	519.75 114.51
33 14 13 13-0406	EA 8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800) .....	749.68 133.63
33 14 13 13-0407	EA 10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000) .....	1,086.73 204.91
33 14 13 13-0408	EA 12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200) .....	1,350.01 234.22
33 14 13 13-0409	EA 14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400) .....	2,073.99 252.11
33 14 13 13-0410	EA 16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600) .....	2,902.10 273.22
33 14 13 13-0411	EA 18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800) .....	3,283.54 327.86
33 14 13 13-0412	EA 20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000) .....	3,627.21 364.13
33 14 13 13-0413	EA 24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400) .....	4,386.91 420.14
33 14 13 13-0414	EA 30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000) .....	5,641.95 503.85
33 14 13 13-0415	EA 36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600) .....	8,420.08 630.52
33 14 13 13-0416	EA 42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200) .....	21,911.27 727.51
33 14 13 13-0417	EA 48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800) .....	28,065.43 935.66

<b>33 14 13 13-0418</b>	<b>Mechanical Joint x Restrained Plain End Ductile Iron Flexible Ball Joint</b> <small>(33 14 13 13-0002)</small>	
<small>Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.</small>		
33 14 13 13-0419	EA 4" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	1,259.46 120.21
33 14 13 13-0420	EA 6" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	1,999.43 150.27
33 14 13 13-0421	EA 8" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	2,650.04 171.75
33 14 13 13-0422	EA 10" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	3,661.16 258.73
33 14 13 13-0423	EA 12" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	4,785.20 282.25
33 14 13 13-0424	EA 14" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	5,541.50 310.48
33 14 13 13-0425	EA 16" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	6,159.57 344.94
33 14 13 13-0426	EA 18" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	8,807.67 388.10
33 14 13 13-0427	EA 20" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	9,001.21 443.49
33 14 13 13-0428	EA 24" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	15,716.86 517.46
33 14 13 13-0429	EA 30" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	54,965.99 620.96



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 14 13 13-0430	EA	36" Diameter, Mechanical Joint x Restrained Plain End, Ductile Iron, Flexible Ball Joint .....	78,036.82	776.20
<b>33 14 13 13-0431</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping</b> <small>(33 14 13 13-0001)</small>		
		See CSI section 33 14 13 13-0334 for bolts and gaskets.		
<b>33 14 13 13-0432</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow</b> <small>(33 14 13 13-0431)</small>		
33 14 13 13-0433	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	466.79	44.58
33 14 13 13-0434	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	558.67	53.40
33 14 13 13-0435	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	867.07	78.24
33 14 13 13-0436	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,185.56	93.14
33 14 13 13-0437	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	1,625.89	103.49
33 14 13 13-0438	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	2,061.52	121.14
33 14 13 13-0439	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	2,931.06	136.42
33 14 13 13-0440	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	3,556.51	155.24
33 14 13 13-0441	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	4,297.19	217.57
33 14 13 13-0442	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	5,356.06	271.67
33 14 13 13-0443	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow .....	7,573.15	362.23
<b>33 14 13 13-0444</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow</b> <small>(33 14 13 13-0431)</small>		
33 14 13 13-0445	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	446.17	44.58
33 14 13 13-0446	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	523.06	53.40
33 14 13 13-0447	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	805.22	78.24
33 14 13 13-0448	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,089.97	93.14
33 14 13 13-0449	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,423.46	103.49
33 14 13 13-0450	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	1,879.71	121.14
33 14 13 13-0451	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	2,541.20	136.42
33 14 13 13-0452	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	3,042.94	155.24
33 14 13 13-0453	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	3,598.06	217.57
33 14 13 13-0454	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	4,368.29	217.67
33 14 13 13-0455	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow .....	5,756.94	362.23
<b>33 14 13 13-0456</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow</b> <small>(33 14 13 13-0431)</small>		
33 14 13 13-0457	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	346.83	44.58
33 14 13 13-0458	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	517.44	53.40
33 14 13 13-0459	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	782.73	78.24
33 14 13 13-0460	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,082.47	93.14
33 14 13 13-0461	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,421.59	103.49
33 14 13 13-0462	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	1,771.00	121.14
33 14 13 13-0463	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,556.20	136.42
33 14 13 13-0464	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	2,957.47	155.24
33 14 13 13-0465	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	3,581.20	217.57
33 14 13 13-0466	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	4,523.86	271.67
33 14 13 13-0467	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	5,633.23	362.23
33 14 13 13-0468	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	9,429.20	388.10
33 14 13 13-0469	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	12,874.09	403.39
33 14 13 13-0470	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	18,425.45	465.72
33 14 13 13-0471	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow .....	23,594.89	495.12
<b>33 14 13 13-0472</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow</b> <small>(33 14 13 13-0431)</small>		
33 14 13 13-0473	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	346.83	44.58
33 14 13 13-0474	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	620.52	53.40
33 14 13 13-0475	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	790.23	78.24
33 14 13 13-0476	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,048.73	93.14
33 14 13 13-0477	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,417.84	103.49
33 14 13 13-0478	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	1,720.39	121.14
33 14 13 13-0479	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	2,753.00	136.42
33 14 13 13-0480	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	3,067.31	155.24
33 14 13 13-0481	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	4,113.50	217.57
33 14 13 13-0482	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	4,362.67	271.67
33 14 13 13-0483	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow .....	5,635.10	362.23
<b>33 14 13 13-0484</b>		<b>Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow</b> <small>(33 14 13 13-0431)</small>		
33 14 13 13-0485	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	408.69	44.58
33 14 13 13-0486	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	601.78	53.40
33 14 13 13-0487	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	938.30	78.24



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0488 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	1,275.52	93.14
33 14 13 13-0489 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	1,757.09	103.49
33 14 13 13-0490 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	2,205.84	121.14
33 14 13 13-0491 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	3,967.56	136.42
33 14 13 13-0492 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	6,193.67	155.24
33 14 13 13-0493 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	7,076.80	217.57
33 14 13 13-0494 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	8,156.29	271.67
33 14 13 13-0495 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow .....	8,817.70	362.23
<b>33 14 13 13-0496 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0431)</small></b>		
33 14 13 13-0497 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	408.69	44.58
33 14 13 13-0498 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	530.56	53.40
33 14 13 13-0499 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	835.22	78.24
33 14 13 13-0500 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	1,181.81	93.14
33 14 13 13-0501 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	1,567.78	103.49
33 14 13 13-0502 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	2,040.90	121.14
33 14 13 13-0503 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	2,721.14	136.42
33 14 13 13-0504 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	3,269.73	155.24
33 14 13 13-0505 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,120.89	217.57
33 14 13 13-0506 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,420.66	271.67
33 14 13 13-0507 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow .....	6,684.72	362.23
<b>33 14 13 13-0508 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee <small>(33 14 13 13-0431)</small></b>		
33 14 13 13-0509 EA 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	575.53	66.89
33 14 13 13-0510 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	627.81	75.41
33 14 13 13-0511 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	662.78	78.24
33 14 13 13-0512 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	944.98	99.18
33 14 13 13-0513 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,024.28	103.08
33 14 13 13-0514 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,080.39	115.50
33 14 13 13-0515 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,257.19	119.22
33 14 13 13-0516 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,360.16	131.65
33 14 13 13-0517 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,496.30	140.33
33 14 13 13-0518 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,688.26	128.19
33 14 13 13-0519 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,685.30	139.95
33 14 13 13-0520 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,826.39	148.18
33 14 13 13-0521 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,970.83	155.24
33 14 13 13-0522 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,032.30	143.48
33 14 13 13-0523 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,049.93	155.24
33 14 13 13-0524 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,217.27	163.47
33 14 13 13-0525 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,556.64	170.53
33 14 13 13-0526 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,562.77	178.77
33 14 13 13-0527 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,904.19	181.11
33 14 13 13-0528 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,142.75	189.35
33 14 13 13-0529 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,815.75	196.40
33 14 13 13-0530 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,028.05	204.63
33 14 13 13-0531 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,730.76	217.57
33 14 13 13-0532 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,474.29	217.57
33 14 13 13-0533 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,662.36	224.62
33 14 13 13-0534 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,395.33	232.86
33 14 13 13-0535 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,122.19	239.92
33 14 13 13-0536 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,380.58	252.86
33 14 13 13-0537 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,866.28	271.67
33 14 13 13-0538 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,561.79	278.72
33 14 13 13-0539 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,811.60	285.79
33 14 13 13-0540 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,128.48	292.84
33 14 13 13-0541 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,421.38	301.07
33 14 13 13-0542 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,570.18	314.01
33 14 13 13-0543 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,951.80	331.65
33 14 13 13-0544 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,644.51	362.23

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 14 13 13-0545	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,241.39	398.68
33 14 13 13-0546	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,330.00	406.92
33 14 13 13-0547	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,858.69	413.97
33 14 13 13-0548	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,147.84	422.20
33 14 13 13-0549	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,208.53	435.14
33 14 13 13-0550	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,129.08	452.78
33 14 13 13-0551	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,839.54	483.36
33 14 13 13-0552	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,678.95	543.34
33 14 13 13-0553	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,360.89	518.64
33 14 13 13-0554	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,421.39	528.05
33 14 13 13-0555	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,537.71	533.93
33 14 13 13-0556	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,710.65	542.16
33 14 13 13-0557	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,635.41	555.10
33 14 13 13-0558	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,964.57	572.74
33 14 13 13-0559	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	9,806.23	603.32
33 14 13 13-0560	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,122.60	664.47
33 14 13 13-0561	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	9,492.16	724.45

### 33 14 13 13-0562 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) (33 14 13 13-0431)

33 14 13 13-0563	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	645.57	74.75
33 14 13 13-0564	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	711.17	74.75
33 14 13 13-0565	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	835.21	78.24
33 14 13 13-0566	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	920.62	99.18
33 14 13 13-0567	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,028.03	103.08
33 14 13 13-0568	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,258.46	115.50
33 14 13 13-0569	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,656.42	119.22
33 14 13 13-0570	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,525.10	131.65
33 14 13 13-0571	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	1,715.59	140.33
33 14 13 13-0572	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,436.12	128.19
33 14 13 13-0573	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,536.24	139.95
33 14 13 13-0574	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,838.53	148.18
33 14 13 13-0575	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,099.17	155.24
33 14 13 13-0576	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	2,975.08	143.48
33 14 13 13-0577	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,375.08	155.24
33 14 13 13-0578	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,997.87	163.47
33 14 13 13-0579	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,999.86	170.53
33 14 13 13-0580	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	3,687.37	178.77
33 14 13 13-0581	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	4,388.65	181.11
33 14 13 13-0582	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,048.94	189.35
33 14 13 13-0583	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,662.84	196.40
33 14 13 13-0584	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,146.92	204.63
33 14 13 13-0585	EA	14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,960.21	217.57
33 14 13 13-0586	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	4,563.38	217.57
33 14 13 13-0587	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,043.73	224.62
33 14 13 13-0588	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	5,994.12	232.86
33 14 13 13-0589	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,183.94	239.92
33 14 13 13-0590	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,669.12	252.86
33 14 13 13-0591	EA	16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,246.66	271.67
33 14 13 13-0592	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,473.60	278.72
33 14 13 13-0593	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	6,985.81	285.79
33 14 13 13-0594	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,480.75	292.84
33 14 13 13-0595	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,017.32	301.07
33 14 13 13-0596	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,096.77	314.01
33 14 13 13-0597	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,185.99	331.65
33 14 13 13-0598	EA	18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,405.48	362.23
33 14 13 13-0599	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,606.78	398.68
33 14 13 13-0600	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	7,774.12	406.92
33 14 13 13-0601	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	8,572.70	413.97
33 14 13 13-0602	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,364.17	422.20
33 14 13 13-0603	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,449.23	435.14
33 14 13 13-0604	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,547.83	452.78
33 14 13 13-0605	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	11,104.61	483.36
33 14 13 13-0606	EA	20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	10,431.33	543.34
33 14 13 13-0607	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,211.73	518.64
33 14 13 13-0608	EA	24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	9,330.33	526.88
33 14 13 13-0609	EA	24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	10,443.79	533.93
33 14 13 13-0610	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	10,948.49	542.16
33 14 13 13-0611	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	12,712.94	555.10
33 14 13 13-0612	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	14,170.44	572.74
33 14 13 13-0613	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	15,894.03	603.32
33 14 13 13-0614	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	17,462.44	664.47
33 14 13 13-0615	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral).....	15,355.03	724.45

### 33 14 13 13-0616 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee (33 14 13 13-0431)

33 14 13 13-0617	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,149.74	115.50
------------------	----	--	----------	--------





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0618 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	1,431.39	131.65
33 14 13 13-0619 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,060.16	139.95
33 14 13 13-0620 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	2,372.31	155.24
33 14 13 13-0621 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,142.23	181.11
33 14 13 13-0622 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	3,828.65	217.57
33 14 13 13-0623 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	4,514.93	278.72
33 14 13 13-0624 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	6,064.21	398.68
33 14 13 13-0625 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee.....	7,071.10	518.64

**33 14 13 13-0626 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross** (33 14 13 13-0431)

33 14 13 13-0627 EA 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	639.31	89.19
33 14 13 13-0628 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	801.18	97.05
33 14 13 13-0629 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,005.60	98.11
33 14 13 13-0630 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,063.36	121.63
33 14 13 13-0631 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,246.45	131.65
33 14 13 13-0632 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,372.97	163.94
33 14 13 13-0633 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,323.21	144.06
33 14 13 13-0634 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,558.43	176.35
33 14 13 13-0635 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,539.59	188.77
33 14 13 13-0636 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,558.18	150.53
33 14 13 13-0637 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	1,743.91	181.11
33 14 13 13-0638 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	2,076.45	192.87
33 14 13 13-0639 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	2,249.84	206.99
33 14 13 13-0640 EA 12 x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross.....	2,008.83	163.47
33 14 13 13-0641 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	2,323.91	194.05
33 14 13 13-0642 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	2,523.36	205.81
33 14 13 13-0643 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	2,947.93	219.93
33 14 13 13-0644 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	3,370.48	232.86
33 14 13 13-0645 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	3,491.00	212.86
33 14 13 13-0646 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	4,145.93	224.62
33 14 13 13-0647 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	4,244.36	239.92
33 14 13 13-0648 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	4,479.47	251.68
33 14 13 13-0649 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	4,966.19	271.67
33 14 13 13-0650 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	3,907.00	241.09
33 14 13 13-0651 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	4,475.71	251.68
33 14 13 13-0652 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	5,406.32	266.96
33 14 13 13-0653 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	6,050.06	279.90
33 14 13 13-0654 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	7,359.61	298.72
33 14 13 13-0655 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	7,678.14	325.77
33 14 13 13-0656 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	6,777.50	284.61
33 14 13 13-0657 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	7,171.90	296.37
33 14 13 13-0658 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	7,508.36	310.48
33 14 13 13-0659 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	8,159.57	323.41
33 14 13 13-0660 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	9,568.46	342.24
33 14 13 13-0661 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	10,177.52	369.28
33 14 13 13-0662 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	10,620.77	413.97
33 14 13 13-0663 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	8,521.71	357.52
33 14 13 13-0664 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	8,919.85	368.10
33 14 13 13-0665 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	9,190.71	383.40
33 14 13 13-0666 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	9,836.31	396.34
33 14 13 13-0667 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	9,993.14	415.15
33 14 13 13-0668 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	12,171.01	442.19
33 14 13 13-0669 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	12,614.26	485.71
33 14 13 13-0670 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,604.99	558.63
33 14 13 13-0671 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	11,675.09	446.90
33 14 13 13-0672 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	11,946.12	458.66
33 14 13 13-0673 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	12,405.93	472.78
33 14 13 13-0674 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	12,802.25	485.71
33 14 13 13-0675 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,019.05	504.53
33 14 13 13-0676 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	13,502.53	531.58
33 14 13 13-0677 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	18,031.81	576.27
33 14 13 13-0678 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	18,956.94	648.00
33 14 13 13-0679 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross .....	20,854.52	737.39

**33 14 13 13-0680 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducers** (33 14 13 13-0431)

33 14 13 13-0681 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer .....	457.76	48.52
33 14 13 13-0682 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer .....	641.33	60.82

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0683 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	705.39	64.58
33 14 13 13-0684 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	927.86	73.28
33 14 13 13-0685 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	963.23	85.69
33 14 13 13-0686 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,137.54	76.44
33 14 13 13-0687 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,188.91	88.21
33 14 13 13-0688 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,236.29	96.44
33 14 13 13-0689 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,316.11	84.67
33 14 13 13-0690 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,455.58	96.44
33 14 13 13-0691 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,478.60	103.49
33 14 13 13-0692 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,544.32	111.73
33 14 13 13-0693 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,284.76	109.37
33 14 13 13-0694 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,296.53	116.43
33 14 13 13-0695 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,994.87	124.67
33 14 13 13-0696 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,034.74	131.72
33 14 13 13-0697 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,739.47	127.01
33 14 13 13-0698 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,655.65	135.25
33 14 13 13-0699 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,490.83	142.30
33 14 13 13-0700 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,459.49	149.36
33 14 13 13-0701 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,782.59	162.30
33 14 13 13-0702 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,973.51	164.65
33 14 13 13-0703 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,355.97	172.88
33 14 13 13-0704 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,202.79	179.93
33 14 13 13-0705 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,833.29	192.87
33 14 13 13-0706 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,348.97	211.70
33 14 13 13-0707 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,959.00	225.80
33 14 13 13-0708 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,989.10	232.86
33 14 13 13-0709 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,618.50	241.09
33 14 13 13-0710 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,613.60	254.03
33 14 13 13-0711 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,521.02	271.67
33 14 13 13-0712 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,168.74	302.25
33 14 13 13-0713 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,984.21	301.07
33 14 13 13-0714 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,056.16	314.01
33 14 13 13-0715 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,143.51	331.65
33 14 13 13-0716 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,058.37	362.23
33 14 13 13-0717 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,833.95	422.20
<b>33 14 13 13-0718 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps</b> <small>(33 14 13 13-0491)</small>		
33 14 13 13-0719 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	412.02	102.46
33 14 13 13-0720 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	497.04	120.46
33 14 13 13-0721 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	730.00	150.27
33 14 13 13-0722 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	981.82	171.38
33 14 13 13-0723 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,301.07	258.73
33 14 13 13-0724 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,645.97	282.25
33 14 13 13-0725 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,872.42	310.48
33 14 13 13-0726 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,282.68	344.58
33 14 13 13-0727 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,676.02	388.10





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0728 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps .....	3,230.49	443.37
33 14 13 13-0729 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps .....	4,148.44	517.46
<b>33 14 13 13-0730 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug <small>(33 14 13 13-0431)</small></b>		
33 14 13 13-0731 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	413.90	102.46
33 14 13 13-0732 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	515.78	120.46
33 14 13 13-0733 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	778.73	150.27
33 14 13 13-0734 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,030.56	171.38
33 14 13 13-0735 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,580.34	258.73
33 14 13 13-0736 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,709.69	282.25
33 14 13 13-0737 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,279.15	310.48
33 14 13 13-0738 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,753.13	344.58
33 14 13 13-0739 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,277.68	388.10
33 14 13 13-0740 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	4,043.94	443.37
33 14 13 13-0741 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	5,306.77	517.46
<b>33 14 13 13-0742 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters <small>(33 14 13 13-0431)</small></b>		
33 14 13 13-0743 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	560.22	155.73
33 14 13 13-0744 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	743.67	180.08
33 14 13 13-0745 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	1,025.66	226.03
33 14 13 13-0746 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	1,351.85	257.08
33 14 13 13-0747 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	1,990.02	388.10
33 14 13 13-0748 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	2,380.86	423.38
33 14 13 13-0749 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	3,123.50	465.72
33 14 13 13-0750 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	3,546.79	517.46
33 14 13 13-0751 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	4,664.43	582.14
33 14 13 13-0752 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	5,410.83	665.65
33 14 13 13-0753 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters .....	6,553.48	776.20
<b>33 14 13 13-0754 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves <small>(33 14 13 13-0431)</small></b>		
33 14 13 13-0755 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	582.71	155.73
33 14 13 13-0756 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	715.56	180.08
33 14 13 13-0757 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	1,057.52	226.03
33 14 13 13-0758 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	1,438.06	257.08
33 14 13 13-0759 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	1,870.06	388.10
33 14 13 13-0760 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	2,268.40	423.38
33 14 13 13-0761 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	2,883.59	465.72
33 14 13 13-0762 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	3,419.33	517.46
33 14 13 13-0763 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	4,087.14	582.14
33 14 13 13-0764 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	4,760.44	665.65
33 14 13 13-0765 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves .....	5,957.45	776.20
<b>33 14 13 13-0766 Push-On Joint Ductile Iron Piping And Gaskets <small>(33 14 13 13-0001)</small></b>		
<b>33 14 13 13-0767 Push-On Joint Ductile Iron Pipe <small>(33 14 13 13-0766)</small></b>		
Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0768	LF	4", Class 50, Push-On Joint Ductile Iron Pipe.....	36.65	10.25
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	14.79	
			For Cement Mortar Lining (CML), Add	2.11	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	11.41	
			For Fusion Bonded Epoxy Lining (206N), Add	3.80	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.58	
			Note: ANSI/AWWA C151/A21.51		
			For Restrained Joint Pipe, Add	10.04	
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	6.77	
			For >1,000, Deduct	-1.83	
			For Class 51, Add	3.07	
			For Class 52, Add	6.62	
			For Class 53, Add	11.91	
			For Class 54, Add	16.97	
			For Class 55, Add	19.53	
			For Class 56, Add	22.05	
			For Installation In Tunnel, Add	4.16	
33 14 13	13-0769	LF	6", Class 50, Push-On Joint Ductile Iron Pipe.....	40.21	11.30
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	16.23	
			For Cement Mortar Lining (CML), Add	2.32	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	12.52	
			For Fusion Bonded Epoxy Lining (206N), Add	4.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.74	
			Note: ANSI/AWWA C151/A21.51		
			For Restrained Joint Pipe, Add	11.02	
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	7.43	
			For >1,000, Deduct	-2.01	
			For Class 51, Add	3.37	
			For Class 52, Add	7.27	
			For Class 53, Add	13.07	
			For Class 54, Add	18.62	
			For Class 55, Add	21.44	
			For Class 56, Add	24.20	
			For Installation In Tunnel, Add	4.56	
33 14 13	13-0770	LF	8", Class 50, Push-On Joint Ductile Iron Pipe.....	50.32	12.42
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	22.19	
			For Cement Mortar Lining (CML), Add	3.17	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	17.12	
			For Fusion Bonded Epoxy Lining (206N), Add	5.71	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.38	
			Note: ANSI/AWWA C151/A21.51		
			For Restrained Joint Pipe, Add	15.06	
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	8.76	
			For >1,000, Deduct	-2.52	
			For Class 51, Add	4.55	
			For Class 52, Add	9.82	
			For Class 53, Add	17.69	
			For Class 54, Add	25.23	
			For Class 55, Add	29.01	
			For Class 56, Add	32.73	
			For Installation In Tunnel, Add	5.31	
33 14 13	13-0771	LF	10", Class 50, Push-On Joint Ductile Iron Pipe.....	71.19	17.52
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	26.83	
			For Cement Mortar Lining (CML), Add	4.47	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	22.36	
			For Fusion Bonded Epoxy Lining (206N), Add	8.05	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.35	
			Note: ANSI/AWWA C151/A21.51		
			For Restrained Joint Pipe, Add	21.24	
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	12.41	
			For >1,000, Deduct	-3.56	
			For Class 51, Add	6.43	
			For Class 52, Add	13.86	
			For Class 53, Add	24.96	
			For Class 54, Add	35.60	
			For Class 55, Add	40.94	
			For Class 56, Add	46.19	
			For Installation In Tunnel, Add	7.53	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0772 LF 12", Class 50, Push-On Joint Ductile Iron Pipe.....	82.71	19.40
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	26.66	
For Cement Mortar Lining (CML), Add	5.33	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	21.32	
For Fusion Bonded Epoxy Lining (206N), Add	9.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.00	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Pipe, Add	25.32	
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	14.15	
For >1,000, Deduct	-4.14	
For Class 51, Add	7.63	
For Class 52, Add	16.47	
For Class 53, Add	29.67	
For Class 54, Add	42.33	
For Class 55, Add	48.67	
For Class 56, Add	54.90	
For Installation In Tunnel, Add	8.55	
33 14 13 13-0773 LF 14", Class 50, Push-On Joint Ductile Iron Pipe.....	101.01	21.87
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	29.90	
For Cement Mortar Lining (CML), Add	6.80	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	23.11	
For Fusion Bonded Epoxy Lining (206N), Add	12.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.10	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Pipe, Add	32.28	
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	16.71	
For >1,000, Deduct	-5.05	
For Class 51, Add	9.68	
For Class 52, Add	20.88	
For Class 53, Add	37.66	
For Class 54, Add	53.74	
For Class 55, Add	61.77	
For Class 56, Add	69.66	
For Installation In Tunnel, Add	10.01	
33 14 13 13-0774 LF 16", Class 50, Push-On Joint Ductile Iron Pipe.....	119.81	24.94
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	33.64	
For Cement Mortar Lining (CML), Add	8.21	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	25.44	
For Fusion Bonded Epoxy Lining (206N), Add	14.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.15	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Pipe, Add	38.97	
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	19.53	
For >1,000, Deduct	-5.99	
For Class 51, Add	11.66	
For Class 52, Add	25.16	
For Class 53, Add	45.39	
For Class 54, Add	64.77	
For Class 55, Add	74.44	
For Class 56, Add	83.94	
For Installation In Tunnel, Add	11.65	
33 14 13 13-0775 LF 18", Class 50, Push-On Joint Ductile Iron Pipe.....	139.39	29.16
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	39.07	
For Cement Mortar Lining (CML), Add	9.53	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	29.54	
For Fusion Bonded Epoxy Lining (206N), Add	17.15	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.15	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Pipe, Add	45.26	
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	22.76	
For >1,000, Deduct	-6.97	
For Class 51, Add	13.54	
For Class 52, Add	29.22	
For Class 53, Add	52.72	
For Class 54, Add	75.24	
For Class 55, Add	86.47	
For Class 56, Add	97.50	
For Installation In Tunnel, Add	13.58	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0776	LF 20", Class 50, Push-On Joint Ductile Iron Pipe.....	160.71	34.93
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	40.96	
	For Cement Mortar Lining (CML), Add	10.78	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	30.18	
	For Fusion Bonded Epoxy Lining (206N), Add	19.40	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.08	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Pipe, Add	51.20	
	For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	26.66	
	For >1,000, Deduct	-8.04	
	For Class 51, Add	15.35	
	For Class 52, Add	33.13	
	For Class 53, Add	59.75	
	For Class 54, Add	85.26	
	For Class 55, Add	98.00	
	For Class 56, Add	110.52	
	For Installation In Tunnel, Add	15.97	
33 14 13 13-0777	LF 24", Class 50, Push-On Joint Ductile Iron Pipe.....	203.35	43.63
	For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	42.51	
	For Cement Mortar Lining (CML), Add	13.71	
	Note: ANSI/AWWA C104/A21.4		
	For 40 Mil Ceramic Epoxy Lining (P401), Add	28.80	
	For Fusion Bonded Epoxy Lining (206N), Add	24.69	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.29	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Pipe, Add	65.14	
	For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	33.58	
	For >1,000, Deduct	-10.17	
	For Class 51, Add	19.52	
	For Class 52, Add	42.13	
	For Class 53, Add	75.98	
	For Class 54, Add	108.41	
	For Class 55, Add	124.62	
	For Class 56, Add	140.53	
	For Installation In Tunnel, Add	20.10	
<b>33 14 13 13-0778</b>	<b>Push-On Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0766)</b>		
33 14 13 13-0779	EA 4" 90 Degree Elbow, Push-On Joint Ductile Iron .....	257.91	39.99
	For Cement Mortar Lining (CML), Add	19.73	
	Note: ANSI/AWWA C104/A21.4		
	For Fusion Bonded Epoxy Lining (206N), Add	35.52	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.80	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Fitting, Add	118.39	
	For Installation In Tunnel, Add	21.99	
33 14 13 13-0780	EA 6" 90 Degree Elbow, Push-On Joint Ductile Iron .....	373.86	59.00
	For Cement Mortar Lining (CML), Add	28.44	
	Note: ANSI/AWWA C104/A21.4		
	For Fusion Bonded Epoxy Lining (206N), Add	51.20	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.33	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Fitting, Add	170.66	
	For Installation In Tunnel, Add	32.11	
33 14 13 13-0781	EA 8" 90 Degree Elbow, Push-On Joint Ductile Iron .....	500.73	70.04
	For Cement Mortar Lining (CML), Add	39.46	
	Note: ANSI/AWWA C104/A21.4		
	For Fusion Bonded Epoxy Lining (206N), Add	71.02	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	29.59	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Fitting, Add	236.73	
	For Installation In Tunnel, Add	40.96	
33 14 13 13-0782	EA 10" 90 Degree Elbow, Push-On Joint Ductile Iron .....	756.51	77.39
	For Cement Mortar Lining (CML), Add	59.65	
	Note: ANSI/AWWA C104/A21.4		
	For Fusion Bonded Epoxy Lining (206N), Add	107.36	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.73	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Fitting, Add	357.88	
	For Installation In Tunnel, Add	61.83	
33 14 13 13-0783	EA 12" 90 Degree Elbow, Push-On Joint Ductile Iron .....	976.77	90.80
	For Cement Mortar Lining (CML), Add	78.91	
	Note: ANSI/AWWA C104/A21.4		
	For Fusion Bonded Epoxy Lining (206N), Add	142.05	
	Note: ANSI/AWWA C104/A21.4		
	For Bituminous Or Coal Tar Coating, 1 Mil, Add	59.19	
	Note: ANSI/AWWA C151/A21.51		
	For Restrained Joint Fitting, Add	473.48	
	For Installation In Tunnel, Add	76.98	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0784 EA 14" 90 Degree Elbow, Push-On Joint Ductile Iron .....	1,941.24	101.85
For Cement Mortar Lining (CML), Add	173.07	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	311.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	129.80	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,038.40	
For Installation In Tunnel, Add	128.65	
33 14 13 13-0785 EA 16" 90 Degree Elbow, Push-On Joint Ductile Iron .....	2,194.39	116.43
For Cement Mortar Lining (CML), Add	195.38	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	351.69	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	146.54	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,172.30	
For Installation In Tunnel, Add	145.80	
33 14 13 13-0786 EA 18" 90 Degree Elbow, Push-On Joint Ductile Iron .....	3,420.11	163.00
For Cement Mortar Lining (CML), Add	308.33	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	555.00	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	231.25	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,850.00	
For Installation In Tunnel, Add	221.52	
33 14 13 13-0787 EA 20" 90 Degree Elbow, Push-On Joint Ductile Iron .....	3,845.39	205.46
For Cement Mortar Lining (CML), Add	343.45	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	618.21	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	257.59	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	2,060.71	
For Installation In Tunnel, Add	253.90	
33 14 13 13-0788 EA 24" 90 Degree Elbow, Push-On Joint Ductile Iron .....	4,801.52	256.85
For Cement Mortar Lining (CML), Add	428.79	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	771.83	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	321.59	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	2,572.76	
For Installation In Tunnel, Add	317.11	
<b>33 14 13 13-0789 Push-On Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0766)</b>		
33 14 13 13-0790 EA 4" 45 Degree Elbow, Push-On Joint Ductile Iron .....	213.05	39.99
For Cement Mortar Lining (CML), Add	15.25	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	27.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.43	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	91.47	
33 14 13 13-0791 EA 6" 45 Degree Elbow, Push-On Joint Ductile Iron .....	313.53	59.00
For Cement Mortar Lining (CML), Add	22.41	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	40.34	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.81	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	134.47	
33 14 13 13-0792 EA 8" 45 Degree Elbow, Push-On Joint Ductile Iron .....	435.81	70.04
For Cement Mortar Lining (CML), Add	32.96	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	59.33	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	24.72	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	197.78	
33 14 13 13-0793 EA 10" 45 Degree Elbow, Push-On Joint Ductile Iron .....	666.89	77.39
For Cement Mortar Lining (CML), Add	50.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	91.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.01	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	304.10	



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0794 EA 12" 45 Degree Elbow, Push-On Joint Ductile Iron .....	862.57	90.80
For Cement Mortar Lining (CML), Add	67.49	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	121.49	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.62	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	404.96	
33 14 13 13-0795 EA 14" 45 Degree Elbow, Push-On Joint Ductile Iron .....	1,228.16	101.85
For Cement Mortar Lining (CML), Add	101.76	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	183.17	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	76.32	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	610.55	
33 14 13 13-0796 EA 16" 45 Degree Elbow, Push-On Joint Ductile Iron .....	1,821.01	116.43
For Cement Mortar Lining (CML), Add	158.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	284.48	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	118.53	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	948.27	
33 14 13 13-0797 EA 18" 45 Degree Elbow, Push-On Joint Ductile Iron .....	2,091.81	163.00
For Cement Mortar Lining (CML), Add	175.50	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	315.91	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	131.63	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,053.02	
33 14 13 13-0798 EA 20" 45 Degree Elbow, Push-On Joint Ductile Iron .....	2,935.95	205.46
For Cement Mortar Lining (CML), Add	252.51	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	454.51	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	189.38	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,515.05	
33 14 13 13-0799 EA 24" 45 Degree Elbow, Push-On Joint Ductile Iron .....	3,643.21	256.85
For Cement Mortar Lining (CML), Add	312.96	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	563.33	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	234.72	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	1,877.77	
<b>33 14 13 13-0800 Push-On Joint Ductile Iron Tee (33 14 13 13-0766)</b>		
33 14 13 13-0801 EA 4" Tee, Push-On Joint Ductile Iron.....	394.52	59.00
For Cement Mortar Lining (CML), Add	30.51	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	54.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.88	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	183.06	
For Installation In Tunnel, Add	33.14	
33 14 13 13-0802 EA 6" Tee, Push-On Joint Ductile Iron.....	548.88	86.69
For Cement Mortar Lining (CML), Add	41.75	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	75.15	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	31.31	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	250.49	
For Installation In Tunnel, Add	47.15	
33 14 13 13-0803 EA 8" Tee, Push-On Joint Ductile Iron.....	751.20	105.06
For Cement Mortar Lining (CML), Add	59.19	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	106.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.39	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	355.12	
For Installation In Tunnel, Add	61.46	
33 14 13 13-0804 EA 10" Tee, Push-On Joint Ductile Iron.....	1,107.74	117.60
For Cement Mortar Lining (CML), Add	93.13	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	167.64	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	69.85	
Note: ANSI/AWWA C151/A21.51		
For Restrained Joint Fitting, Add	558.80	
For Installation In Tunnel, Add	81.85	



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0805	EA	12" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	1,380.30 117.45 211.41 88.09 704.69 99.89	135.60
33 14 13	13-0806	EA	14" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	2,228.13 198.12 356.61 148.59 1,188.70 148.45	163.00
33 14 13	13-0807	EA	16" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	3,223.54 291.48 524.67 218.61 1,748.89 207.49	203.81
33 14 13	13-0808	EA	18" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	4,050.18 363.82 654.88 272.87 2,182.93 264.30	271.90
33 14 13	13-0809	EA	20" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	4,771.76 426.91 768.44 320.18 2,561.47 313.99	331.77
33 14 13	13-0810	EA	24" Tee, Push-On Joint Ductile Iron..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51 For Restrained Joint Fitting, Add For Installation In Tunnel, Add	6,251.67 562.34 1,012.22 421.76 3,374.05 406.82	414.68
<b>33 14 13</b>	<b>13-0811</b>		<b>Flanged End x Push-On Joint Ductile Iron Adapters (33 14 13 13-0766)</b>		
33 14 13	13-0812	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	450.17 24.00 43.20 18.00	138.73
33 14 13	13-0813	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	551.12 29.09 52.36 21.82	171.75
33 14 13	13-0814	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	721.76 41.82 75.27 31.36	200.32
33 14 13	13-0815	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron ..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	986.47 54.55 98.18 40.91	291.07

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0816	EA 12" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,194.92 69.09 124.36 51.82	332.70
33 14 13 13-0817	EA 14" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,379.16 83.64 150.54 62.73	358.23
33 14 13 13-0818	EA 16" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,642.57 105.45 189.82 79.09	388.10
33 14 13 13-0819	EA 18" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,941.98 123.64 222.54 92.73	465.72
33 14 13 13-0820	EA 20" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,256.76 147.27 265.09 110.45	517.46
33 14 13 13-0821	EA 24" Flanged End x Push-On Joint Adapter, Ductile Iron ..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,831.92 192.73 346.91 144.54	597.08
<b>33 14 13 13-0822</b>	<b>Push-On Joint Ductile Iron Pipe And Fitting Restraints</b> <small>(33 14 13 13-0766)</small> Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0823	EA 4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	52.63	21.59
33 14 13 13-0824	EA 6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	69.07	28.18
33 14 13 13-0825	EA 8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	89.99	28.78
33 14 13 13-0826	EA 10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	106.20	30.56
33 14 13 13-0827	EA 12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	126.13	33.96
33 14 13 13-0828	EA 14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	158.93	38.20
33 14 13 13-0829	EA 16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	187.39	43.65
33 14 13 13-0830	EA 18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	211.08	47.30
33 14 13 13-0831	EA 20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	246.25	56.75
33 14 13 13-0832	EA 24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron .....	295.35	58.95
<b>33 14 13 13-0833</b>	<b>Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series)</b> <small>(33 14 13 13-0766)</small>		
33 14 13 13-0834	EA 4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400).....	247.12	79.39
33 14 13 13-0835	EA 6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600).....	325.29	96.91
33 14 13 13-0836	EA 8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800).....	418.24	118.19
33 14 13 13-0837	EA 10" Bell Restraint Harness, Ductile Iron (MEGALUG® 171000).....	627.31	144.19
33 14 13 13-0838	EA 12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200).....	777.83	175.82
33 14 13 13-0839	EA 14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400).....	1,333.11	214.51
33 14 13 13-0840	EA 16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600).....	1,523.44	261.79
33 14 13 13-0841	EA 18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800).....	1,731.41	319.30
33 14 13 13-0842	EA 20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000).....	2,349.62	389.63
33 14 13 13-0843	EA 24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400).....	2,994.94	475.24
<b>33 14 13 13-0844</b>	<b>Ductile Iron Pipe Repair</b> <small>(33 14 13 13-0001)</small> See CSI section 33 14 13 13-0002 for mechanical joint fittings.		
<b>33 14 13 13-0845</b>	<b>WEKO Seals</b> <small>(33 14 13 13-0844)</small> Note: Internal joint seal.		
33 14 13 13-0846	EA 16" WEKO Internal Joint Seal ..... <i>For Extra Wide Seals, Add</i>	2,210.32 85.11	199.41
33 14 13 13-0847	EA 18" WEKO Internal Joint Seal ..... <i>For Extra Wide Seals, Add</i>	2,355.43 85.96	210.57
33 14 13 13-0848	EA 20" WEKO Internal Joint Seal ..... <i>For Extra Wide Seals, Add</i>	2,500.35 86.80	221.72



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				33 14 13 13-0849 EA 24" WEKO Internal Joint Seal.....	2,647.47	239.45
				<i>For Extra Wide Seals, Add</i>	88.14	
<b>33 14 13 23</b>				<b>Plastic Public Water Utility Distribution Piping (33 14 13)</b>		
				Note: Includes detectable tracer wire.		
				33 14 13 23-0001 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping (33 14 13 23)		
				33 14 13 23-0002 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe (33 14 13 23-0001)		
				33 14 13 23-0003 LF 3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	2.78	0.89
				<i>For &gt;1,000, Deduct</i>	-0.14	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.08	
				33 14 13 23-0004 LF 1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	3.12	0.96
				<i>For &gt;1,000, Deduct</i>	-0.16	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.11	
				33 14 13 23-0005 LF 1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	3.76	1.04
				<i>For &gt;1,000, Deduct</i>	-0.19	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.17	
				33 14 13 23-0006 LF 1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	4.47	1.15
				<i>For &gt;1,000, Deduct</i>	-0.22	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.24	
				33 14 13 23-0007 LF 2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	6.15	1.30
				<i>For &gt;1,000, Deduct</i>	-0.31	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.44	
				33 14 13 23-0008 LF 2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	8.30	1.47
				<i>For &gt;1,000, Deduct</i>	-0.42	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.69	
				33 14 13 23-0009 LF 3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	10.58	1.70
				<i>For &gt;1,000, Deduct</i>	-0.53	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.95	
				33 14 13 23-0010 LF 4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	15.58	2.10
				<i>For &gt;1,000, Deduct</i>	-0.78	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.55	
				33 14 13 23-0011 LF 6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	29.18	2.67
				<i>For &gt;1,000, Deduct</i>	-1.46	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	3.38	
				33 14 13 23-0012 LF 8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	46.81	3.47
				<i>For &gt;1,000, Deduct</i>	-2.34	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	5.72	
				33 14 13 23-0013 LF 10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	70.89	4.64
				<i>For &gt;1,000, Deduct</i>	-3.54	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	8.90	
				33 14 13 23-0014 LF 12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe .....	99.15	6.24
				<i>For &gt;1,000, Deduct</i>	-4.96	
				<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	12.53	
				33 14 13 23-0015 90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)		
				33 14 13 23-0016 EA 3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	27.34	10.69
				33 14 13 23-0017 EA 1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	34.76	13.36
				33 14 13 23-0018 EA 1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	44.05	16.70
				33 14 13 23-0019 EA 1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	78.93	18.48
				33 14 13 23-0020 EA 2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	84.27	20.71
				33 14 13 23-0021 EA 2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	101.54	23.48
				33 14 13 23-0022 EA 3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	116.42	27.34
				33 14 13 23-0023 EA 4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	169.08	33.58
				33 14 13 23-0024 EA 6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	253.43	42.66
				33 14 13 23-0025 EA 8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	433.36	56.00
				33 14 13 23-0026 EA 10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	522.35	74.92
				33 14 13 23-0027 EA 12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow .....	687.38	100.84
				33 14 13 23-0028 45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)		
				33 14 13 23-0029 EA 3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	28.22	10.69
				33 14 13 23-0030 EA 1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	35.39	13.36
				33 14 13 23-0031 EA 1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	44.43	16.70
				33 14 13 23-0032 EA 1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	67.41	18.48
				33 14 13 23-0033 EA 2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	85.34	20.71
				33 14 13 23-0034 EA 2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	105.89	23.48
				33 14 13 23-0035 EA 3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	114.58	27.34
				33 14 13 23-0036 EA 4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	165.12	33.58
				33 14 13 23-0037 EA 6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	245.43	42.66
				33 14 13 23-0038 EA 8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	418.12	56.00
				33 14 13 23-0039 EA 10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	459.19	74.92
				33 14 13 23-0040 EA 12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC) .....	599.96	100.84
				33 14 13 23-0041 Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)		
				33 14 13 23-0042 EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	40.95	16.03
				33 14 13 23-0043 EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	51.89	20.15
				33 14 13 23-0044 EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	65.31	25.15
				33 14 13 23-0045 EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC) .....	104.22	27.83

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0046	EA		2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	119.86	30.94
33 14 13 23-0047	EA		2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	141.06	35.29
33 14 13 23-0048	EA		3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	179.52	40.90
33 14 13 23-0049	EA		4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	241.88	50.42
33 14 13 23-0050	EA		6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	435.34	64.09
33 14 13 23-0051	EA		8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	673.52	84.00
33 14 13 23-0052	EA		10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	745.71	111.27
33 14 13 23-0053	EA		12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	911.07	149.72
<b>33 14 13 23-0054</b>			<b>Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC)</b> (33 14 13 23-0001)		
33 14 13 23-0055	EA		3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	18.38	7.13
33 14 13 23-0056	EA		1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	24.88	9.58
33 14 13 23-0057	EA		1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	33.66	12.58
33 14 13 23-0058	EA		1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	53.94	13.92
33 14 13 23-0059	EA		2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	59.14	15.48
33 14 13 23-0060	EA		2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	67.26	17.59
33 14 13 23-0061	EA		3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	80.16	20.45
33 14 13 23-0062	EA		4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	115.15	25.15
33 14 13 23-0063	EA		6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	171.70	32.05
33 14 13 23-0064	EA		8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	313.78	42.00
33 14 13 23-0065	EA		10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	348.08	55.69
33 14 13 23-0066	EA		12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	435.54	74.86
<b>33 14 13 23-0067</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings</b> (33 14 13 23)		
<b>33 14 13 23-0068</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Pipe</b> (33 14 13 23-0067)		
33 14 13 23-0069	LF		3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	3.22	0.89
			For >1,000, Deduct .....	-0.16	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.15	
33 14 13 23-0070	LF		1" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	3.97	0.96
			For >1,000, Deduct .....	-0.20	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.24	
33 14 13 23-0071	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	5.26	1.15
			For >1,000, Deduct .....	-0.26	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.36	
33 14 13 23-0072	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	6.44	1.30
			For >1,000, Deduct .....	-0.32	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.48	
33 14 13 23-0073	LF		2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	8.77	1.47
			For >1,000, Deduct .....	-0.44	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.77	
33 14 13 23-0074	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	10.88	1.70
			For >1,000, Deduct .....	-0.54	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	0.99	
33 14 13 23-0075	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	14.77	2.10
			For >1,000, Deduct .....	-0.74	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	1.43	
33 14 13 23-0076	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Pipe .....	23.30	2.67
			For >1,000, Deduct .....	-1.17	
			For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add .....	2.49	
<b>33 14 13 23-0077</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows</b> (33 14 13 23-0067)		
33 14 13 23-0078	EA		3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	27.66	10.69
33 14 13 23-0079	EA		1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	34.95	13.36
33 14 13 23-0080	EA		1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	48.83	18.48
33 14 13 23-0081	EA		2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	55.68	20.71
33 14 13 23-0082	EA		2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	69.42	23.48
33 14 13 23-0083	EA		3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	81.28	27.34
33 14 13 23-0084	EA		4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	110.26	33.58
33 14 13 23-0085	EA		6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	190.44	42.66
<b>33 14 13 23-0086</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows</b> (33 14 13 23-0067)		
33 14 13 23-0087	EA		3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	27.58	10.69
33 14 13 23-0088	EA		1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	34.87	13.36
33 14 13 23-0089	EA		1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	48.86	18.48
33 14 13 23-0090	EA		2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	55.38	20.71
33 14 13 23-0091	EA		2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	68.60	23.48
33 14 13 23-0092	EA		3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	80.31	27.34
33 14 13 23-0093	EA		4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	108.32	33.58
33 14 13 23-0094	EA		6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	184.25	42.66
<b>33 14 13 23-0095</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes</b> (33 14 13 23-0067)		
33 14 13 23-0096	EA		3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	41.28	16.03
33 14 13 23-0097	EA		1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	52.15	20.15
33 14 13 23-0098	EA		1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	72.86	27.83
33 14 13 23-0099	EA		2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	82.44	30.94
33 14 13 23-0100	EA		2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	104.60	35.29





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0101 EA 3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	125.86	40.90
33 14 13 23-0102 EA 4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	157.49	50.42
33 14 13 23-0103 EA 6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	291.61	64.09
<b>33 14 13 23-0104 Schedule 40 Polyvinyl Chloride (PVC) Couplings (33 14 13 23-0067)</b>		
33 14 13 23-0105 EA 3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	18.53	7.13
33 14 13 23-0106 EA 1" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	25.00	9.58
33 14 13 23-0107 EA 1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	36.24	13.92
33 14 13 23-0108 EA 2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	41.20	15.48
33 14 13 23-0109 EA 2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	49.43	17.59
33 14 13 23-0110 EA 3" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	59.50	20.45
33 14 13 23-0111 EA 4" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	74.02	25.15
33 14 13 23-0112 EA 6" Coupling, Schedule 40 Polyvinyl Chloride (PVC).....	118.22	32.05
<b>33 14 13 23-0113 Crosses, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0067)</b>		
33 14 13 23-0114 EA 3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	55.34	21.38
33 14 13 23-0115 EA 1" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	69.44	26.82
33 14 13 23-0116 EA 1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	97.13	37.07
33 14 13 23-0117 EA 2" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	109.91	41.30
33 14 13 23-0118 EA 2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	139.37	46.98
33 14 13 23-0119 EA 3" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	167.68	54.58
33 14 13 23-0120 EA 4" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	209.79	67.15
33 14 13 23-0121 EA 6" Cross, Schedule 40 Polyvinyl Chloride (PVC).....	388.03	85.42
<b>33 14 13 23-0122 Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)</b>		
<b>33 14 13 23-0123 Schedule 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0122)</b>		
33 14 13 23-0124 LF 1" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	4.45	0.96
For >1,000, Deduct	-0.22	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.31	
33 14 13 23-0125 LF 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	6.23	1.15
For >1,000, Deduct	-0.31	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.50	
33 14 13 23-0126 LF 2" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	8.08	1.30
For >1,000, Deduct	-0.40	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.73	
33 14 13 23-0127 LF 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	10.89	1.47
For >1,000, Deduct	-0.54	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.08	
33 14 13 23-0128 LF 3" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	13.85	1.70
For >1,000, Deduct	-0.69	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.44	
33 14 13 23-0129 LF 4" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	19.32	2.10
For >1,000, Deduct	-0.97	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.11	
33 14 13 23-0130 LF 6" Schedule 80 Polyvinyl Chloride (PVC) Pipe.....	33.43	2.67
For >1,000, Deduct	-1.67	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	4.01	
<b>33 14 13 23-0131 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (33 14 13 23-0122)</b>		
33 14 13 23-0132 EA 1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC).....	37.47	13.36
33 14 13 23-0133 EA 1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC).....	48.83	18.48
33 14 13 23-0134 EA 2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC).....	58.20	20.71
33 14 13 23-0135 EA 2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC).....	74.78	23.48
33 14 13 23-0136 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	86.25	27.34
33 14 13 23-0137 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	111.46	33.58
33 14 13 23-0138 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	184.77	42.66
<b>33 14 13 23-0139 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (33 14 13 23-0122)</b>		
33 14 13 23-0140 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	47.80	13.36
33 14 13 23-0141 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	58.78	18.48
33 14 13 23-0142 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	67.77	20.71
33 14 13 23-0143 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	92.72	23.48
33 14 13 23-0144 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	109.61	27.34
33 14 13 23-0145 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	158.43	33.58
33 14 13 23-0146 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow.....	181.63	42.66
<b>33 14 13 23-0147 Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes (33 14 13 23-0122)</b>		
33 14 13 23-0148 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	57.44	20.15
33 14 13 23-0149 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	88.92	27.83
33 14 13 23-0150 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	101.59	30.94
33 14 13 23-0151 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	114.74	35.29
33 14 13 23-0152 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	135.56	40.90
33 14 13 23-0153 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	164.48	50.42
33 14 13 23-0154 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	291.35	64.09

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0155			<b>Schedule 80 Polyvinyl Chloride (PVC) Couplings</b> (33 14 13 23-0122)		
33 14 13 23-0156	EA		1" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	28.78	9.58
33 14 13 23-0157	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	42.73	13.92
33 14 13 23-0158	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	47.30	15.48
33 14 13 23-0159	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	65.11	17.59
33 14 13 23-0160	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	75.31	20.45
33 14 13 23-0161	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	93.23	25.15
33 14 13 23-0162	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Coupling .....	145.05	32.05
33 14 13 23-0163			<b>Crosses, Schedule 80 Polyvinyl Chloride (PVC)</b> (33 14 13 23-0122)		
33 14 13 23-0164	EA		1" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	76.47	26.82
33 14 13 23-0165	EA		1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	118.45	37.07
33 14 13 23-0166	EA		2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	135.33	41.30
33 14 13 23-0167	EA		2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	152.83	46.98
33 14 13 23-0168	EA		3" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	180.55	54.58
33 14 13 23-0169	EA		4" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	219.06	67.15
33 14 13 23-0170	EA		6" Schedule 80 Polyvinyl Chloride (PVC) Cross .....	387.70	85.42
33 14 13 23-0171			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe And Fittings</b> (33 14 13 23)		
33 14 13 23-0172			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe</b> (33 14 13 23-0171)		
33 14 13 23-0173	LF		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	54.14	3.43
33 14 13 23-0174	LF		10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	76.87	3.68
33 14 13 23-0175	LF		12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	103.69	4.27
33 14 13 23-0176	LF		14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	141.17	5.48
33 14 13 23-0177	LF		16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe .....	161.63	6.68
33 14 13 23-0178			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows</b> (33 14 13 23-0171)		
33 14 13 23-0179	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	687.35	49.73
33 14 13 23-0180	EA		10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	1,441.91	83.37
33 14 13 23-0181	EA		12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	2,498.30	90.99
33 14 13 23-0182	EA		14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	5,895.29	98.45
33 14 13 23-0183	EA		16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow .....	7,976.83	105.91
33 14 13 23-0184			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows</b> (33 14 13 23-0171)		
33 14 13 23-0185	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	960.36	49.73
33 14 13 23-0186	EA		10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	1,166.48	83.37
33 14 13 23-0187	EA		12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	1,572.67	90.99
33 14 13 23-0188	EA		14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	3,060.13	98.45
33 14 13 23-0189	EA		16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow .....	4,372.02	105.91
33 14 13 23-0190			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees</b> (33 14 13 23-0171)		
33 14 13 23-0191	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	1,329.82	79.56
33 14 13 23-0192	EA		10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	1,960.95	118.90
33 14 13 23-0193	EA		12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	2,587.60	126.80
33 14 13 23-0194	EA		14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	6,267.63	134.26
33 14 13 23-0195	EA		16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee .....	8,828.51	141.71
33 14 13 23-0196			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees</b> (33 14 13 23-0171)		
33 14 13 23-0197	EA		8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	1,306.51	75.57
33 14 13 23-0198	EA		10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	1,428.50	107.30
33 14 13 23-0199	EA		10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	1,628.16	112.95
33 14 13 23-0200	EA		12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	1,843.39	108.71
33 14 13 23-0201	EA		12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	2,045.51	114.44
33 14 13 23-0202	EA		12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	2,331.71	120.45
33 14 13 23-0203	EA		14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	4,510.74	109.36
33 14 13 23-0204	EA		14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	4,859.32	115.12
33 14 13 23-0205	EA		14" x 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	5,303.30	121.17
33 14 13 23-0206	EA		14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	5,816.14	127.55
33 14 13 23-0207	EA		16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	5,474.50	109.66
33 14 13 23-0208	EA		16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	6,101.80	115.42
33 14 13 23-0209	EA		16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	6,596.13	121.50
33 14 13 23-0210	EA		16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	7,357.71	127.89
33 14 13 23-0211	EA		16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee .....	8,155.83	134.62
33 14 13 23-0212			<b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wyes</b> (33 14 13 23-0171)		
33 14 13 23-0213	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye .....	1,342.90	79.56
33 14 13 23-0214	EA		10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye .....	2,262.51	118.90
33 14 13 23-0215	EA		12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye .....	3,054.35	126.80



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0216 EA 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye .....	9,852.67	134.26
33 14 13 23-0217 EA 16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Wye .....	12,291.70	141.71
<b>33 14 13 23-0218</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wyes</b> <small>(33 14 13 23-0171)</small>		
33 14 13 23-0219 EA 8" x 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	1,170.50	75.57
33 14 13 23-0220 EA 10" x 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	1,630.08	107.30
33 14 13 23-0221 EA 10" x 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	1,886.04	112.95
33 14 13 23-0222 EA 12" x 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	2,168.04	108.71
33 14 13 23-0223 EA 12" x 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	2,287.60	114.44
33 14 13 23-0224 EA 12" x 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	2,765.38	120.45
33 14 13 23-0225 EA 14" x 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	4,754.80	109.36
33 14 13 23-0226 EA 14" x 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	5,135.51	115.12
33 14 13 23-0227 EA 14" x 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	6,224.51	127.55
33 14 13 23-0228 EA 16" x 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	5,679.89	109.66
33 14 13 23-0229 EA 16" x 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	6,565.46	115.42
33 14 13 23-0230 EA 16" x 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	7,358.10	121.50
33 14 13 23-0231 EA 16" x 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	7,970.49	127.89
33 14 13 23-0232 EA 16" x 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Wye .....	9,961.00	134.62
<b>33 14 13 23-0233</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings</b> <small>(33 14 13 23-0171)</small>		
33 14 13 23-0234 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling .....	624.85	49.73
33 14 13 23-0235 EA 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling .....	860.25	83.37
33 14 13 23-0236 EA 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling .....	1,173.30	90.99
33 14 13 23-0237 EA 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling .....	2,316.11	98.45
33 14 13 23-0238 EA 16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling .....	3,443.38	105.91
<b>33 14 13 23-0239</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Couplings</b> <small>(33 14 13 23-0171)</small>		
33 14 13 23-0240 EA 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	846.47	47.23
33 14 13 23-0241 EA 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	624.12	44.87
33 14 13 23-0242 EA 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	868.80	79.20
33 14 13 23-0243 EA 12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,667.95	75.24
33 14 13 23-0244 EA 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,555.00	71.48
33 14 13 23-0245 EA 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,222.98	67.91
33 14 13 23-0246 EA 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	777.73	86.44
33 14 13 23-0247 EA 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	2,234.29	82.12
33 14 13 23-0248 EA 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,884.25	78.01
33 14 13 23-0249 EA 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,631.08	74.10
33 14 13 23-0250 EA 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	1,498.59	93.52
33 14 13 23-0251 EA 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	2,946.03	88.84
33 14 13 23-0252 EA 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	3,324.45	84.40
33 14 13 23-0253 EA 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	3,182.69	80.19
33 14 13 23-0254 EA 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	3,016.87	76.18
33 14 13 23-0255 EA 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Coupling .....	2,762.69	100.62
<b>33 14 13 23-0256</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Couplings</b> <small>(33 14 13 23-0171)</small>		
33 14 13 23-0257 EA 8" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	756.67	84.40
33 14 13 23-0258 EA 10" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,320.21	80.19
33 14 13 23-0259 EA 10" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,004.94	80.19
33 14 13 23-0260 EA 12" x 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	2,542.99	76.18
33 14 13 23-0261 EA 12" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,718.17	72.37
33 14 13 23-0262 EA 12" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,637.99	68.75
33 14 13 23-0263 EA 12" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,502.49	76.18
33 14 13 23-0264 EA 14" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	2,725.83	72.37
33 14 13 23-0265 EA 14" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	2,667.09	68.75
33 14 13 23-0266 EA 14" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,941.95	65.31
33 14 13 23-0267 EA 14" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	1,804.78	72.37
33 14 13 23-0268 EA 16" x 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	4,820.26	68.75
33 14 13 23-0269 EA 16" x 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	4,657.66	65.31
33 14 13 23-0270 EA 16" x 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	4,567.00	62.05
33 14 13 23-0271 EA 16" x 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	4,385.81	58.94
33 14 13 23-0272 EA 16" x 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Eccentric Reducing Coupling .....	4,138.43	95.59
<b>33 14 13 23-0273</b> <b>Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flanges</b> <small>(33 14 13 23-0171)</small>		
33 14 13 23-0274 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange .....	826.48	49.73
33 14 13 23-0275 EA 10" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange .....	1,898.79	83.37
33 14 13 23-0276 EA 12" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange .....	2,763.91	90.99
33 14 13 23-0277 EA 14" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange .....	3,104.27	98.45
33 14 13 23-0278 EA 16" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Flange .....	3,837.48	105.91
33 14 13 23-0279 EA 8" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket .....	25.59	
33 14 13 23-0280 EA 10" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket .....	33.34	
33 14 13 23-0281 EA 12" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket .....	45.89	
33 14 13 23-0282 EA 14" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket .....	98.16	
33 14 13 23-0283 EA 16" Ethylene Propylene Diene Monomer (EPDM) Flange Gasket .....	174.15	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0284 EA Zinc Coated Flange Hardware Kit.....	163.53	
<b>33 14 13 23-0285 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23)</small> Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
<b>33 14 13 23-0286 AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0287 LF 4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	11.63	4.25
33 14 13 23-0288 LF 6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	16.67	5.15
33 14 13 23-0289 LF 8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	22.58	5.80
33 14 13 23-0290 LF 10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	29.45	6.44
33 14 13 23-0291 LF 12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	37.87	7.21
<b>33 14 13 23-0292 AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0293 LF 4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	12.75	4.25
33 14 13 23-0294 LF 6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	18.99	5.15
33 14 13 23-0295 LF 8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	26.49	5.80
33 14 13 23-0296 LF 10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	35.53	6.44
33 14 13 23-0297 LF 12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	46.36	7.21
<b>33 14 13 23-0298 AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0299 LF 4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe .....	13.85	4.25
33 14 13 23-0300 LF 6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe .....	21.30	5.15
33 14 13 23-0301 LF 8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe .....	30.41	5.80
33 14 13 23-0302 LF 10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe .....	41.48	6.44
33 14 13 23-0303 LF 12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe .....	54.85	7.21
<b>33 14 13 23-0304 AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0305 LF 18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	59.35	10.82
33 14 13 23-0306 LF 20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	72.31	12.88
33 14 13 23-0307 LF 24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	96.64	15.45
33 14 13 23-0308 LF 30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	138.79	18.03
33 14 13 23-0309 LF 36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	190.74	20.61
33 14 13 23-0310 LF 42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	240.88	21.90
33 14 13 23-0311 LF 48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe .....	304.26	23.57
<b>33 14 13 23-0312 AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0313 LF 14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	43.83	8.11
33 14 13 23-0314 LF 16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	54.77	9.02
33 14 13 23-0315 LF 18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	67.85	10.82
33 14 13 23-0316 LF 20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	83.35	12.88
33 14 13 23-0317 LF 24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	113.66	15.45
33 14 13 23-0318 LF 30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	163.21	18.03
33 14 13 23-0319 LF 36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	223.45	20.61
33 14 13 23-0320 LF 42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	295.26	21.90
33 14 13 23-0321 LF 48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe .....	374.82	23.57
<b>33 14 13 23-0322 AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0323 LF 14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	50.37	8.11
33 14 13 23-0324 LF 16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	63.85	9.02
33 14 13 23-0325 LF 18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	79.13	10.82
33 14 13 23-0326 LF 20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	97.98	12.88
33 14 13 23-0327 LF 24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	134.68	15.45
33 14 13 23-0328 LF 30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	194.77	18.03
33 14 13 23-0329 LF 36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	269.53	20.61
33 14 13 23-0330 LF 42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	349.85	21.90
33 14 13 23-0331 LF 48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe .....	446.06	23.57
<b>33 14 13 23-0332 AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0333 LF 14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	61.55	8.11
33 14 13 23-0334 LF 16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	77.13	9.02
33 14 13 23-0335 LF 18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	96.23	10.82
33 14 13 23-0336 LF 20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	118.63	12.88
33 14 13 23-0337 LF 24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	164.46	15.45
33 14 13 23-0338 LF 30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	241.51	18.03
33 14 13 23-0339 LF 36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	341.38	20.61
33 14 13 23-0340 LF 42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	455.23	21.90
33 14 13 23-0341 LF 48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe .....	587.47	23.57
<b>33 14 13 23-0342 AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0343 LF 14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	69.96	8.11
33 14 13 23-0344 LF 16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	88.06	9.02
33 14 13 23-0345 LF 18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	110.02	10.82





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0346 LF 20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	135.81	12.88
33 14 13 23-0347 LF 24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	189.16	15.45
33 14 13 23-0348 LF 30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	279.52	18.03
33 14 13 23-0349 LF 36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	396.91	20.61
33 14 13 23-0350 LF 42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe .....	531.33	21.90
<b>33 14 13 23-0351 AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe</b> <small>(33 14 13 23-0285)</small>		
33 14 13 23-0352 LF 14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	78.15	8.11
33 14 13 23-0353 LF 16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	98.70	9.02
33 14 13 23-0354 LF 18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	123.43	10.82
33 14 13 23-0355 LF 20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	152.52	12.88
33 14 13 23-0356 LF 24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	213.20	15.45
33 14 13 23-0357 LF 30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	316.50	18.03
33 14 13 23-0358 LF 36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe .....	450.93	20.61
<b>33 14 13 23-0359 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings</b> <small>(33 14 13 23)</small>		
Note: Includes rubber gaskets.		
<b>33 14 13 23-0360 90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)</b> <small>(33 14 13 23-0359)</small>		
33 14 13 23-0361 EA 4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	206.54	13.36
For DR 25, Deduct	-10.79	
33 14 13 23-0362 EA 6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	422.59	15.03
For DR 25, Deduct	-23.55	
33 14 13 23-0363 EA 8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	634.64	16.70
For DR 25, Deduct	-36.07	
33 14 13 23-0364 EA 10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	968.14	26.00
For DR 25, Deduct	-54.97	
33 14 13 23-0365 EA 12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,259.74	43.34
For DR 25, Deduct	-70.39	
33 14 13 23-0366 EA 14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,892.04	54.16
For DR 25, Deduct	-107.02	
33 14 13 23-0367 EA 16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,257.90	65.00
For DR 25, Deduct	-127.67	
33 14 13 23-0368 EA 18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,874.96	86.67
For DR 25, Deduct	-222.10	
33 14 13 23-0369 EA 20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,770.19	108.34
For DR 25, Deduct	-273.21	
33 14 13 23-0370 EA 24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	7,919.09	146.26
For DR 25, Deduct	-457.59	
<b>33 14 13 23-0371 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)</b> <small>(33 14 13 23-0359)</small>		
33 14 13 23-0372 EA 4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	183.07	13.36
For DR 25, Deduct	-9.38	
33 14 13 23-0373 EA 6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	316.10	15.03
For DR 25, Deduct	-17.16	
33 14 13 23-0374 EA 8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	400.52	16.70
For DR 25, Deduct	-22.03	
33 14 13 23-0375 EA 10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	565.52	26.00
For DR 25, Deduct	-30.81	
33 14 13 23-0376 EA 12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	755.93	43.34
For DR 25, Deduct	-40.16	
33 14 13 23-0377 EA 14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,453.79	54.16
For DR 25, Deduct	-80.73	
33 14 13 23-0378 EA 16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,842.72	65.00
For DR 25, Deduct	-102.76	
33 14 13 23-0379 EA 18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,180.82	86.67
For DR 25, Deduct	-180.45	
33 14 13 23-0380 EA 20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,950.72	108.34
For DR 25, Deduct	-224.04	
33 14 13 23-0381 EA 24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,575.36	146.26
For DR 25, Deduct	-316.97	
<b>33 14 13 23-0382 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)</b> <small>(33 14 13 23-0359)</small>		
33 14 13 23-0383 EA 4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	180.20	13.36
For DR 25, Deduct	-9.21	
33 14 13 23-0384 EA 6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	316.10	15.03
For DR 25, Deduct	-17.16	
33 14 13 23-0385 EA 8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	400.52	16.70
For DR 25, Deduct	-22.03	
33 14 13 23-0386 EA 10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	565.53	26.00
For DR 25, Deduct	-30.81	
33 14 13 23-0387 EA 12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	755.93	43.34
For DR 25, Deduct	-40.16	
33 14 13 23-0388 EA 14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,449.44	52.00
For DR 25, Deduct	-80.73	



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 14 13 23-0389	EA	16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,842.70	65.00
		<i>For DR 25, Deduct</i>	-102.76	
33 14 13 23-0390	EA	18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,180.82	86.67
		<i>For DR 25, Deduct</i>	-180.45	
33 14 13 23-0391	EA	20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,950.72	108.34
		<i>For DR 25, Deduct</i>	-224.04	
33 14 13 23-0392	EA	24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,575.36	146.26
		<i>For DR 25, Deduct</i>	-316.97	
<b>33 14 13 23-0393 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0359)</small></b>				
33 14 13 23-0394	EA	4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	159.18	13.36
		<i>For DR 25, Deduct</i>	-7.95	
33 14 13 23-0395	EA	6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	316.10	15.03
		<i>For DR 25, Deduct</i>	-17.16	
33 14 13 23-0396	EA	8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	400.52	16.70
		<i>For DR 25, Deduct</i>	-22.03	
33 14 13 23-0397	EA	10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	565.53	26.00
		<i>For DR 25, Deduct</i>	-30.81	
33 14 13 23-0398	EA	12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	755.93	43.34
		<i>For DR 25, Deduct</i>	-40.16	
33 14 13 23-0399	EA	14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,449.44	52.00
		<i>For DR 25, Deduct</i>	-80.73	
33 14 13 23-0400	EA	16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,842.70	65.00
		<i>For DR 25, Deduct</i>	-102.76	
33 14 13 23-0401	EA	18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,180.82	86.67
		<i>For DR 25, Deduct</i>	-180.45	
33 14 13 23-0402	EA	20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,950.72	108.34
		<i>For DR 25, Deduct</i>	-224.04	
33 14 13 23-0403	EA	24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,575.36	146.26
		<i>For DR 25, Deduct</i>	-316.97	
<b>33 14 13 23-0404 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0359)</small></b>				
33 14 13 23-0405	EA	4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	245.45	15.03
		<i>For DR 25, Deduct</i>	-12.92	
33 14 13 23-0406	EA	6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	473.73	16.70
		<i>For DR 25, Deduct</i>	-26.42	
33 14 13 23-0407	EA	8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	660.98	18.93
		<i>For DR 25, Deduct</i>	-37.39	
33 14 13 23-0408	EA	10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,361.38	32.50
		<i>For DR 25, Deduct</i>	-77.78	
33 14 13 23-0409	EA	12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,661.25	65.00
		<i>For DR 25, Deduct</i>	-91.88	
33 14 13 23-0410	EA	14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,000.80	81.26
		<i>For DR 25, Deduct</i>	-170.30	
33 14 13 23-0411	EA	16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,716.85	97.50
		<i>For DR 25, Deduct</i>	-211.31	
33 14 13 23-0412	EA	18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,689.68	130.00
		<i>For DR 25, Deduct</i>	-265.78	
33 14 13 23-0413	EA	20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,631.63	162.50
		<i>For DR 25, Deduct</i>	-318.40	
33 14 13 23-0414	EA	24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,728.07	110.51
		<i>For DR 25, Deduct</i>	-450.42	
<b>33 14 13 23-0415 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0359)</small></b>				
33 14 13 23-0416	EA	6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	471.84	21.71
		<i>For DR 25, Deduct</i>	-25.71	
33 14 13 23-0417	EA	8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	641.65	23.37
		<i>For DR 25, Deduct</i>	-35.69	
33 14 13 23-0418	EA	8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	657.73	24.21
		<i>For DR 25, Deduct</i>	-36.56	
33 14 13 23-0419	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	852.24	32.50
		<i>For DR 25, Deduct</i>	-47.23	
33 14 13 23-0420	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,154.38	33.31
		<i>For DR 25, Deduct</i>	-65.27	
33 14 13 23-0421	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,234.95	34.13
		<i>For DR 25, Deduct</i>	-70.00	
33 14 13 23-0422	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,309.06	49.84
		<i>For DR 25, Deduct</i>	-72.56	
33 14 13 23-0423	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,502.78	50.65
		<i>For DR 25, Deduct</i>	-84.09	
33 14 13 23-0424	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,594.31	51.46
		<i>For DR 25, Deduct</i>	-89.48	
33 14 13 23-0425	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,624.29	56.33
		<i>For DR 25, Deduct</i>	-90.70	
33 14 13 23-0426	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,467.21	58.50
		<i>For DR 25, Deduct</i>	-141.01	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0427 EA 14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,566.46	59.31
For DR 25, Deduct	-146.87	
33 14 13 23-0428 EA 14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,665.96	60.13
For DR 25, Deduct	-152.74	
33 14 13 23-0429 EA 14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,773.03	65.00
For DR 25, Deduct	-158.58	
33 14 13 23-0430 EA 14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,888.06	73.67
For DR 25, Deduct	-164.44	
33 14 13 23-0431 EA 16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,079.01	71.50
For DR 25, Deduct	-176.16	
33 14 13 23-0432 EA 16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,176.61	71.50
For DR 25, Deduct	-182.02	
33 14 13 23-0433 EA 16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,275.88	72.32
For DR 25, Deduct	-187.88	
33 14 13 23-0434 EA 16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,375.16	73.13
For DR 25, Deduct	-193.73	
33 14 13 23-0435 EA 16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,499.85	86.67
For DR 25, Deduct	-199.59	
33 14 13 23-0436 EA 16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,606.15	91.00
For DR 25, Deduct	-205.45	
33 14 13 23-0437 EA 18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,805.08	93.17
For DR 25, Deduct	-217.12	
33 14 13 23-0438 EA 18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,905.02	93.98
For DR 25, Deduct	-223.02	
33 14 13 23-0439 EA 18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,004.28	94.79
For DR 25, Deduct	-228.88	
33 14 13 23-0440 EA 18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,111.66	99.67
For DR 25, Deduct	-234.74	
33 14 13 23-0441 EA 18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,226.59	108.34
For DR 25, Deduct	-240.59	
33 14 13 23-0442 EA 18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,332.22	112.67
For DR 25, Deduct	-246.41	
33 14 13 23-0443 EA 18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,466.46	119.18
For DR 25, Deduct	-253.69	
33 14 13 23-0444 EA 20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,826.05	114.84
For DR 25, Deduct	-275.78	
33 14 13 23-0445 EA 20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	4,994.40	115.65
For DR 25, Deduct	-285.79	
33 14 13 23-0446 EA 20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,060.66	116.47
For DR 25, Deduct	-289.66	
33 14 13 23-0447 EA 20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,135.12	121.33
For DR 25, Deduct	-293.55	
33 14 13 23-0448 EA 20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,217.11	130.00
For DR 25, Deduct	-297.43	
33 14 13 23-0449 EA 20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,330.60	134.34
For DR 25, Deduct	-303.72	
33 14 13 23-0450 EA 20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,448.44	140.84
For DR 25, Deduct	-310.01	
33 14 13 23-0451 EA 20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,540.03	151.68
For DR 25, Deduct	-314.20	
33 14 13 23-0452 EA 24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,682.02	152.76
For DR 25, Deduct	-322.59	
33 14 13 23-0453 EA 24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,753.60	153.57
For DR 25, Deduct	-326.79	
33 14 13 23-0454 EA 24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	5,825.15	154.39
For DR 25, Deduct	-330.98	
33 14 13 23-0455 EA 24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	6,119.29	159.25
For DR 25, Deduct	-348.05	
33 14 13 23-0456 EA 24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	6,420.98	167.92
For DR 25, Deduct	-365.11	
33 14 13 23-0457 EA 24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	6,714.03	172.26
For DR 25, Deduct	-382.17	
33 14 13 23-0458 EA 24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	7,011.42	178.76
For DR 25, Deduct	-399.23	
33 14 13 23-0459 EA 24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	7,317.47	189.59
For DR 25, Deduct	-416.30	
33 14 13 23-0460 EA 24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	7,623.51	200.42
For DR 25, Deduct	-433.36	
<b>33 14 13 23-0461 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)</b> <small>(33 14 13 23-0359)</small>		
33 14 13 23-0462 EA 4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	340.63	26.71
For DR 25, Deduct	-17.23	
33 14 13 23-0463 EA 6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	611.30	30.05
For DR 25, Deduct	-33.07	
33 14 13 23-0464 EA 8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	846.08	33.39
For DR 25, Deduct	-46.76	
33 14 13 23-0465 EA 10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	1,723.78	52.00
For DR 25, Deduct	-97.19	
33 14 13 23-0466 EA 12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	2,044.44	65.00
For DR 25, Deduct	-114.87	
33 14 13 23-0467 EA 14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) .....	3,721.42	86.67
For DR 25, Deduct	-212.88	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0468	EA		16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,618.25	108.34
			<i>For DR 25, Deduct</i>	-264.10	
33 14 13 23-0469	EA		18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,884.59	173.34
			<i>For DR 25, Deduct</i>	-332.27	
33 14 13 23-0470	EA		20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,066.71	216.68
			<i>For DR 25, Deduct</i>	-398.00	
33 14 13 23-0471	EA		24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,968.29	292.51
			<i>For DR 25, Deduct</i>	-563.00	
<b>33 14 13 23-0472 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)</b>					
			<small>(33 14 13 23-0359)</small>		
33 14 13 23-0473	EA		6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	592.74	28.38
			<i>For DR 25, Deduct</i>	-32.16	
33 14 13 23-0474	EA		8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	804.66	30.05
			<i>For DR 25, Deduct</i>	-44.67	
33 14 13 23-0475	EA		8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	825.25	31.72
			<i>For DR 25, Deduct</i>	-45.71	
33 14 13 23-0476	EA		10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,235.86	39.00
			<i>For DR 25, Deduct</i>	-69.47	
33 14 13 23-0477	EA		10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,441.13	40.63
			<i>For DR 25, Deduct</i>	-81.59	
33 14 13 23-0478	EA		10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,583.17	42.25
			<i>For DR 25, Deduct</i>	-89.92	
33 14 13 23-0479	EA		12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,624.90	56.33
			<i>For DR 25, Deduct</i>	-90.73	
33 14 13 23-0480	EA		12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,867.71	57.96
			<i>For DR 25, Deduct</i>	-105.11	
33 14 13 23-0481	EA		12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,983.37	59.58
			<i>For DR 25, Deduct</i>	-111.85	
33 14 13 23-0482	EA		12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,028.04	69.34
			<i>For DR 25, Deduct</i>	-113.36	
33 14 13 23-0483	EA		14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,067.73	65.00
			<i>For DR 25, Deduct</i>	-176.26	
33 14 13 23-0484	EA		14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,192.66	66.63
			<i>For DR 25, Deduct</i>	-183.56	
33 14 13 23-0485	EA		14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,318.94	68.25
			<i>For DR 25, Deduct</i>	-190.95	
33 14 13 23-0486	EA		14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,460.94	78.01
			<i>For DR 25, Deduct</i>	-198.30	
33 14 13 23-0487	EA		14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,617.19	95.34
			<i>For DR 25, Deduct</i>	-205.59	
33 14 13 23-0488	EA		16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,825.41	78.01
			<i>For DR 25, Deduct</i>	-220.16	
33 14 13 23-0489	EA		16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,951.99	79.63
			<i>For DR 25, Deduct</i>	-227.56	
33 14 13 23-0490	EA		16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,077.21	81.26
			<i>For DR 25, Deduct</i>	-234.88	
33 14 13 23-0491	EA		16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,219.12	91.00
			<i>For DR 25, Deduct</i>	-242.23	
33 14 13 23-0492	EA		16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,288.45	108.34
			<i>For DR 25, Deduct</i>	-244.31	
33 14 13 23-0493	EA		16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,514.56	117.01
			<i>For DR 25, Deduct</i>	-256.83	
33 14 13 23-0494	EA		18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,723.37	99.67
			<i>For DR 25, Deduct</i>	-271.44	
33 14 13 23-0495	EA		18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,849.64	101.30
			<i>For DR 25, Deduct</i>	-278.82	
33 14 13 23-0496	EA		18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,975.05	102.92
			<i>For DR 25, Deduct</i>	-286.15	
33 14 13 23-0497	EA		18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,115.12	112.67
			<i>For DR 25, Deduct</i>	-293.39	
33 14 13 23-0498	EA		18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,272.83	130.00
			<i>For DR 25, Deduct</i>	-300.77	
33 14 13 23-0499	EA		18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,411.76	138.67
			<i>For DR 25, Deduct</i>	-308.06	
33 14 13 23-0500	EA		18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,589.07	151.68
			<i>For DR 25, Deduct</i>	-317.14	
33 14 13 23-0501	EA		20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,988.74	121.33
			<i>For DR 25, Deduct</i>	-344.76	
33 14 13 23-0502	EA		20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,200.03	122.96
			<i>For DR 25, Deduct</i>	-357.25	
33 14 13 23-0503	EA		20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,284.68	124.59
			<i>For DR 25, Deduct</i>	-362.13	
33 14 13 23-0504	EA		20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,384.70	134.34
			<i>For DR 25, Deduct</i>	-366.96	
33 14 13 23-0505	EA		20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,499.91	151.68
			<i>For DR 25, Deduct</i>	-371.79	
33 14 13 23-0506	EA		20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,647.36	160.34
			<i>For DR 25, Deduct</i>	-379.60	
33 14 13 23-0507	EA		20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,806.09	173.34
			<i>For DR 25, Deduct</i>	-387.56	
33 14 13 23-0508	EA		20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,936.58	195.01
			<i>For DR 25, Deduct</i>	-392.79	



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0509 EA 24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,000.35	159.25
For DR 25, Deduct	-400.91	
33 14 13 23-0510 EA 24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,130.27	160.88
For DR 25, Deduct	-408.51	
33 14 13 23-0511 EA 24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,221.29	162.50
For DR 25, Deduct	-413.78	
33 14 13 23-0512 EA 24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,595.86	172.26
For DR 25, Deduct	-435.08	
33 14 13 23-0513 EA 24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,985.70	189.59
For DR 25, Deduct	-456.39	
33 14 13 23-0514 EA 24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,358.15	198.26
For DR 25, Deduct	-477.70	
33 14 13 23-0515 EA 24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,740.81	211.26
For DR 25, Deduct	-499.10	
33 14 13 23-0516 EA 24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,138.50	232.93
For DR 25, Deduct	-520.36	
33 14 13 23-0517 EA 24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,537.72	254.60
For DR 25, Deduct	-541.71	
<b>33 14 13 23-0518 Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0359)</b>		
33 14 13 23-0519 EA 4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	123.57	13.36
For DR 25, Deduct	-5.81	
33 14 13 23-0520 EA 6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	229.96	15.03
For DR 25, Deduct	-11.99	
33 14 13 23-0521 EA 8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	276.74	16.70
For DR 25, Deduct	-14.60	
33 14 13 23-0522 EA 10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	392.40	26.00
For DR 25, Deduct	-20.42	
33 14 13 23-0523 EA 12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	624.32	32.50
For DR 25, Deduct	-33.56	
33 14 13 23-0524 EA 14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,083.35	43.34
For DR 25, Deduct	-59.80	
33 14 13 23-0525 EA 16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,283.30	54.16
For DR 25, Deduct	-70.50	
33 14 13 23-0526 EA 18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,072.80	86.67
For DR 25, Deduct	-173.97	
33 14 13 23-0527 EA 20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,444.68	108.34
For DR 25, Deduct	-193.68	
33 14 13 23-0528 EA 24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,850.26	146.26
For DR 25, Deduct	-273.47	
<b>33 14 13 23-0529 Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) (33 14 13 23-0359)</b>		
33 14 13 23-0530 EA 4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	153.05	13.36
For DR 25, Deduct	-7.58	
33 14 13 23-0531 EA 6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	207.82	15.03
For DR 25, Deduct	-10.67	
33 14 13 23-0532 EA 8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	301.94	16.70
For DR 25, Deduct	-16.11	
33 14 13 23-0533 EA 10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	412.06	26.00
For DR 25, Deduct	-21.60	
33 14 13 23-0534 EA 12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	660.31	43.34
For DR 25, Deduct	-34.42	
33 14 13 23-0535 EA 14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,753.58	52.00
For DR 25, Deduct	-98.97	
33 14 13 23-0536 EA 16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,373.80	65.00
For DR 25, Deduct	-134.63	
33 14 13 23-0537 EA 18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,924.78	86.67
For DR 25, Deduct	-165.09	
33 14 13 23-0538 EA 20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,494.25	108.34
For DR 25, Deduct	-196.65	
33 14 13 23-0539 EA 24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,746.83	146.26
For DR 25, Deduct	-267.26	
<b>33 14 13 23-0540 AWWA C906, High-Density Polyethylene (HDPE) Pressure Piping (33 14 13 23)</b>		
Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
<b>33 14 13 23-0541 High-Density Polyethylene (HDPE) Pressure Pipe (33 14 13 23-0540)</b>		
33 14 13 23-0542 LF 3" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe.....	9.97	3.35
For SDR 19, Add	0.29	
For SDR 17, Add	0.71	
For SDR 15.5, Add	1.04	
For SDR 13.5, Add	1.63	
For SDR 11, Add	2.62	
For DR 9, Add	3.73	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0543	LF		4" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	10.06	4.25
			<i>For SDR 26, Deduct</i>	-0.29	
			<i>For SDR 19, Add</i>	0.14	
			<i>For SDR 17, Add</i>	0.35	
			<i>For SDR 15.5, Add</i>	0.51	
			<i>For SDR 13.5, Add</i>	0.79	
			<i>For SDR 11, Add</i>	1.28	
			<i>For DR 9, Add</i>	1.82	
33 14 13 23-0544	LF		6" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	13.68	5.15
			<i>For SDR 26, Deduct</i>	-0.62	
			<i>For SDR 19, Add</i>	0.30	
			<i>For SDR 17, Add</i>	0.75	
			<i>For SDR 15.5, Add</i>	1.10	
			<i>For SDR 13.5, Add</i>	1.72	
			<i>For SDR 11, Add</i>	2.76	
			<i>For DR 9, Add</i>	3.94	
33 14 13 23-0545	LF		8" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	17.33	5.80
			<i>For SDR 26, Deduct</i>	-1.05	
			<i>For SDR 19, Add</i>	0.52	
			<i>For SDR 17, Add</i>	1.27	
			<i>For SDR 15.5, Add</i>	1.86	
			<i>For SDR 13.5, Add</i>	2.91	
			<i>For SDR 11, Add</i>	4.68	
			<i>For DR 9, Add</i>	6.69	
33 14 13 23-0546	LF		10" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	21.79	6.44
			<i>For SDR 26, Deduct</i>	-1.63	
			<i>For SDR 19, Add</i>	0.80	
			<i>For SDR 17, Add</i>	1.98	
			<i>For SDR 15.5, Add</i>	2.90	
			<i>For SDR 13.5, Add</i>	4.53	
			<i>For SDR 11, Add</i>	7.28	
			<i>For DR 9, Add</i>	10.40	
33 14 13 23-0547	LF		12" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	27.15	7.21
			<i>For SDR 26, Deduct</i>	-2.36	
			<i>For SDR 19, Add</i>	1.16	
			<i>For SDR 17, Add</i>	2.86	
			<i>For SDR 15.5, Add</i>	4.18	
			<i>For SDR 13.5, Add</i>	6.53	
			<i>For SDR 11, Add</i>	10.50	
			<i>For DR 9, Add</i>	14.99	
33 14 13 23-0548	LF		14" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	31.21	8.11
			<i>For SDR 26, Deduct</i>	-2.77	
			<i>For SDR 19, Add</i>	1.36	
			<i>For SDR 17, Add</i>	3.36	
			<i>For SDR 15.5, Add</i>	4.92	
			<i>For SDR 13.5, Add</i>	7.67	
			<i>For SDR 11, Add</i>	12.35	
			<i>For DR 9, Add</i>	17.63	
33 14 13 23-0549	LF		16" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	37.76	9.02
			<i>For SDR 26, Deduct</i>	-3.62	
			<i>For SDR 19, Add</i>	1.78	
			<i>For SDR 17, Add</i>	4.38	
			<i>For SDR 15.5, Add</i>	6.42	
			<i>For SDR 13.5, Add</i>	10.02	
			<i>For SDR 11, Add</i>	16.13	
			<i>For DR 9, Add</i>	23.02	
33 14 13 23-0550	LF		18" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	46.64	10.82
			<i>For SDR 26, Deduct</i>	-4.57	
			<i>For SDR 19, Add</i>	2.24	
			<i>For SDR 17, Add</i>	5.54	
			<i>For SDR 15.5, Add</i>	8.12	
			<i>For SDR 13.5, Add</i>	12.67	
			<i>For SDR 11, Add</i>	20.39	
			<i>For DR 9, Add</i>	29.10	
33 14 13 23-0551	LF		20" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	128.90	12.88
			<i>For SDR 26, Deduct</i>	-18.90	
			<i>For SDR 19, Add</i>	9.28	
			<i>For SDR 17, Add</i>	22.92	
			<i>For SDR 15.5, Add</i>	33.56	
			<i>For SDR 13.5, Add</i>	52.38	
			<i>For SDR 11, Add</i>	84.31	
			<i>For DR 9, Add</i>	120.32	
33 14 13 23-0552	LF		24" DR 21, Butt Fusion Joint High-Density Polyethylene (HDPE) Pressure Pipe .....	75.30	15.45
			<i>For SDR 26, Deduct</i>	-8.13	
			<i>For SDR 19, Add</i>	3.99	
			<i>For SDR 17, Add</i>	9.86	
			<i>For SDR 15.5, Add</i>	14.44	
			<i>For SDR 13.5, Add</i>	22.54	
			<i>For SDR 11, Add</i>	36.28	
			<i>For DR 9, Add</i>	51.78	

33 14 13 23-0553 90 Degree Elbows, High-Density Polyethylene (HDPE) Pressure Piping <sup>(33 14</sup>

<sup>13 23-0540)</sup>





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0554 EA 3" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	63.20	16.70
<i>For SDR 26, Deduct</i>	-2.40	
<i>For SDR 19, Add</i>	1.18	
<i>For SDR 17, Add</i>	2.91	
<i>For SDR 15.5, Add</i>	4.27	
<i>For SDR 13.5, Add</i>	6.66	
<i>For SDR 11, Add</i>	10.72	
33 14 13 23-0555 EA 4" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	71.28	18.56
<i>For SDR 26, Deduct</i>	-2.86	
<i>For SDR 19, Add</i>	1.41	
<i>For SDR 17, Add</i>	3.47	
<i>For SDR 15.5, Add</i>	5.08	
<i>For SDR 13.5, Add</i>	7.93	
<i>For SDR 11, Add</i>	12.77	
33 14 13 23-0556 EA 6" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	105.11	21.21
<i>For SDR 26, Deduct</i>	-7.61	
<i>For SDR 19, Add</i>	3.74	
<i>For SDR 17, Add</i>	9.23	
<i>For SDR 15.5, Add</i>	13.52	
<i>For SDR 13.5, Add</i>	21.10	
<i>For SDR 11, Add</i>	33.96	
33 14 13 23-0557 EA 8" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	161.07	24.76
<i>For SDR 26, Deduct</i>	-15.92	
<i>For SDR 19, Add</i>	7.81	
<i>For SDR 17, Add</i>	19.29	
<i>For SDR 15.5, Add</i>	28.25	
<i>For SDR 13.5, Add</i>	44.10	
<i>For SDR 11, Add</i>	70.98	
33 14 13 23-0558 EA 10" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	243.89	33.06
<i>For SDR 26, Deduct</i>	-26.57	
<i>For SDR 19, Add</i>	13.04	
<i>For SDR 17, Add</i>	32.20	
<i>For SDR 15.5, Add</i>	47.16	
<i>For SDR 13.5, Add</i>	73.61	
<i>For SDR 11, Add</i>	118.48	
33 14 13 23-0559 EA 12" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	360.61	49.48
<i>For SDR 26, Deduct</i>	-38.90	
<i>For SDR 19, Add</i>	19.10	
<i>For SDR 17, Add</i>	47.16	
<i>For SDR 15.5, Add</i>	69.06	
<i>For SDR 13.5, Add</i>	107.79	
<i>For SDR 11, Add</i>	173.50	
33 14 13 23-0560 EA 14" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	451.00	66.04
<i>For SDR 26, Deduct</i>	-46.37	
<i>For SDR 19, Add</i>	22.77	
<i>For SDR 17, Add</i>	56.22	
<i>For SDR 15.5, Add</i>	82.33	
<i>For SDR 13.5, Add</i>	128.50	
<i>For SDR 11, Add</i>	206.83	
33 14 13 23-0561 EA 16" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	599.73	98.96
<i>For SDR 26, Deduct</i>	-55.53	
<i>For SDR 19, Add</i>	27.27	
<i>For SDR 17, Add</i>	67.32	
<i>For SDR 15.5, Add</i>	98.59	
<i>For SDR 13.5, Add</i>	153.88	
<i>For SDR 11, Add</i>	247.68	
33 14 13 23-0562 EA 18" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	746.27	111.32
<i>For SDR 26, Deduct</i>	-75.57	
<i>For SDR 19, Add</i>	37.11	
<i>For SDR 17, Add</i>	91.61	
<i>For SDR 15.5, Add</i>	134.16	
<i>For SDR 13.5, Add</i>	209.41	
<i>For SDR 11, Add</i>	337.06	
33 14 13 23-0563 EA 20" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	1,002.92	126.34
<i>For SDR 26, Deduct</i>	-113.65	
<i>For SDR 19, Add</i>	55.80	
<i>For SDR 17, Add</i>	137.76	
<i>For SDR 15.5, Add</i>	201.75	
<i>For SDR 13.5, Add</i>	314.90	
<i>For SDR 11, Add</i>	506.85	
33 14 13 23-0564 EA 24" 90 Degree Elbow, DR 21 High-Density Polyethylene (HDPE) Pressure Piping .....	1,272.98	148.50
<i>For SDR 26, Deduct</i>	-151.72	
<i>For SDR 19, Add</i>	74.49	
<i>For SDR 17, Add</i>	183.92	
<i>For SDR 15.5, Add</i>	269.34	
<i>For SDR 13.5, Add</i>	420.39	
<i>For SDR 11, Add</i>	676.65	

33 14 13 23-0565 Tees, High-Density Polyethylene (HDPE) Pressure Piping (33 14 13 23-0540)

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0566	EA		3" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	69.46	17.48
			<i>For SDR 26, Deduct</i>	-3.14	
			<i>For SDR 19, Add</i>	1.54	
			<i>For SDR 17, Add</i>	3.81	
			<i>For SDR 15.5, Add</i>	5.58	
			<i>For SDR 13.5, Add</i>	8.71	
			<i>For SDR 11, Add</i>	14.01	
33 14 13 23-0567	EA		4" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	79.52	19.79
			<i>For SDR 26, Deduct</i>	-3.70	
			<i>For SDR 19, Add</i>	1.82	
			<i>For SDR 17, Add</i>	4.48	
			<i>For SDR 15.5, Add</i>	6.57	
			<i>For SDR 13.5, Add</i>	10.25	
			<i>For SDR 11, Add</i>	16.50	
33 14 13 23-0568	EA		6" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	121.21	22.85
			<i>For SDR 26, Deduct</i>	-9.67	
			<i>For SDR 19, Add</i>	4.75	
			<i>For SDR 17, Add</i>	11.72	
			<i>For SDR 15.5, Add</i>	17.16	
			<i>For SDR 13.5, Add</i>	26.79	
			<i>For SDR 11, Add</i>	43.11	
33 14 13 23-0569	EA		8" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	214.74	27.00
			<i>For SDR 26, Deduct</i>	-24.53	
			<i>For SDR 19, Add</i>	12.04	
			<i>For SDR 17, Add</i>	29.73	
			<i>For SDR 15.5, Add</i>	43.54	
			<i>For SDR 13.5, Add</i>	67.96	
			<i>For SDR 11, Add</i>	109.39	
33 14 13 23-0570	EA		10" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	295.05	39.63
			<i>For SDR 26, Deduct</i>	-32.31	
			<i>For SDR 19, Add</i>	15.87	
			<i>For SDR 17, Add</i>	39.17	
			<i>For SDR 15.5, Add</i>	57.36	
			<i>For SDR 13.5, Add</i>	89.54	
			<i>For SDR 11, Add</i>	144.12	
33 14 13 23-0571	EA		12" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	418.85	59.45
			<i>For SDR 26, Deduct</i>	-44.12	
			<i>For SDR 19, Add</i>	21.66	
			<i>For SDR 17, Add</i>	53.49	
			<i>For SDR 15.5, Add</i>	78.33	
			<i>For SDR 13.5, Add</i>	122.26	
			<i>For SDR 11, Add</i>	196.78	
33 14 13 23-0572	EA		14" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	505.82	74.25
			<i>For SDR 26, Deduct</i>	-51.91	
			<i>For SDR 19, Add</i>	25.49	
			<i>For SDR 17, Add</i>	62.92	
			<i>For SDR 15.5, Add</i>	92.15	
			<i>For SDR 13.5, Add</i>	143.83	
			<i>For SDR 11, Add</i>	231.51	
33 14 13 23-0573	EA		16" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	670.40	111.32
			<i>For SDR 26, Deduct</i>	-61.64	
			<i>For SDR 19, Add</i>	30.27	
			<i>For SDR 17, Add</i>	74.72	
			<i>For SDR 15.5, Add</i>	109.43	
			<i>For SDR 13.5, Add</i>	170.80	
			<i>For SDR 11, Add</i>	274.92	
33 14 13 23-0574	EA		18" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	856.26	129.68
			<i>For SDR 26, Deduct</i>	-85.65	
			<i>For SDR 19, Add</i>	42.05	
			<i>For SDR 17, Add</i>	103.83	
			<i>For SDR 15.5, Add</i>	152.05	
			<i>For SDR 13.5, Add</i>	237.33	
			<i>For SDR 11, Add</i>	381.99	
33 14 13 23-0575	EA		20" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	1,185.04	153.18
			<i>For SDR 26, Deduct</i>	-132.04	
			<i>For SDR 19, Add</i>	64.83	
			<i>For SDR 17, Add</i>	160.07	
			<i>For SDR 15.5, Add</i>	234.41	
			<i>For SDR 13.5, Add</i>	365.88	
			<i>For SDR 11, Add</i>	588.90	
33 14 13 23-0576	EA		24" Tee, DR 21 High-Density Polyethylene (HDPE) Pressure Piping.....	1,530.07	185.68
			<i>For SDR 26, Deduct</i>	-178.44	
			<i>For SDR 19, Add</i>	87.61	
			<i>For SDR 17, Add</i>	216.31	
			<i>For SDR 15.5, Add</i>	316.77	
			<i>For SDR 13.5, Add</i>	494.43	
			<i>For SDR 11, Add</i>	795.82	

**33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping** (33 14 13)

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

**33 14 13 36 Steel Public Water Utility Distribution Piping** (33 14 13)**33 14 13 36-0001 Steel Piping** (33 14 13 36)



<b>Utilities</b>	<b>33</b>	<b>CS</b>
<b>Water Utilities</b>	<b>33 10</b>	
<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0002 <b>Welded, Plain End, Uncoated Steel Piping</b> <small>(33 14 13 36-0001)</small> Note: ASTM A252 steel pipe. See CSI section 33 14 13 43-0001 for pipe coatings, 33 14 13 43-0053 for pipe linings.		
33 14 13 36-0003 <b>Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping</b> <small>(33 14 13 36-0002)</small>		
33 14 13 36-0004    LF    8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	108.30	29.51
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	10.53	
<i>For &lt;100, Add</i>	12.12	
<i>For &gt;1,000, Deduct</i>	-5.42	
33 14 13 36-0005    LF    8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	128.55	29.51
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	11.04	
<i>For &lt;100, Add</i>	13.13	
<i>For &gt;1,000, Deduct</i>	-6.43	
33 14 13 36-0006    LF    10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	128.40	32.19
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	11.74	
<i>For &lt;100, Add</i>	13.74	
<i>For &gt;1,000, Deduct</i>	-6.42	
33 14 13 36-0007    LF    10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	154.00	32.19
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	12.38	
<i>For &lt;100, Add</i>	15.02	
<i>For &gt;1,000, Deduct</i>	-7.70	
33 14 13 36-0008    LF    12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	154.61	33.72
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	12.81	
<i>For &lt;100, Add</i>	15.39	
<i>For &gt;1,000, Deduct</i>	-7.73	
33 14 13 36-0009    LF    12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	174.52	33.72
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	13.30	
<i>For &lt;100, Add</i>	16.39	
<i>For &gt;1,000, Deduct</i>	-8.73	
33 14 13 36-0010    LF    14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	186.75	37.28
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	14.55	
<i>For &lt;100, Add</i>	17.81	
<i>For &gt;1,000, Deduct</i>	-9.34	
33 14 13 36-0011    LF    14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	202.66	37.28
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	14.95	
<i>For &lt;100, Add</i>	18.61	
<i>For &gt;1,000, Deduct</i>	-10.13	
33 14 13 36-0012    LF    16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	198.17	39.34
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	15.39	
<i>For &lt;100, Add</i>	18.85	
<i>For &gt;1,000, Deduct</i>	-9.91	
33 14 13 36-0013    LF    16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	210.45	39.34
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	15.69	
<i>For &lt;100, Add</i>	19.46	
<i>For &gt;1,000, Deduct</i>	-10.52	
33 14 13 36-0014    LF    18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	244.87	44.26
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	17.86	
<i>For &lt;100, Add</i>	22.30	
<i>For &gt;1,000, Deduct</i>	-12.24	
33 14 13 36-0015    LF    20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	265.00	44.26
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	18.36	
<i>For &lt;100, Add</i>	23.31	
<i>For &gt;1,000, Deduct</i>	-13.25	
33 14 13 36-0016 <b>5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping</b> <small>(33 14 13 36-0002)</small>		
33 14 13 36-0017    LF    12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	207.84	53.75
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	15.05	
<i>For &lt;100, Add</i>	18.84	
<i>For &gt;1,000, Deduct</i>	-10.39	
33 14 13 36-0018    LF    14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	246.52	59.12
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	17.05	
<i>For &lt;100, Add</i>	21.66	
<i>For &gt;1,000, Deduct</i>	-12.33	
33 14 13 36-0019    LF    16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	273.76	61.81
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	18.34	
<i>For &lt;100, Add</i>	23.54	
<i>For &gt;1,000, Deduct</i>	-13.69	
33 14 13 36-0020    LF    18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	308.82	69.87
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	20.65	
<i>For &lt;100, Add</i>	26.53	
<i>For &gt;1,000, Deduct</i>	-15.44	
33 14 13 36-0021    LF    18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	322.47	69.87
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	21.00	
<i>For &lt;100, Add</i>	27.21	
<i>For &gt;1,000, Deduct</i>	-16.12	
33 14 13 36-0022    LF    20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	335.10	69.87
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	21.31	
<i>For &lt;100, Add</i>	27.84	
<i>For &gt;1,000, Deduct</i>	-16.76	
33 14 13 36-0023    LF    20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	349.66	69.87
<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	21.68	
<i>For &lt;100, Add</i>	28.57	
<i>For &gt;1,000, Deduct</i>	-17.48	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0024	LF		24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	405.27	80.62
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	24.91	
			<i>For &lt;100, Add</i>	32.93	
			<i>For &gt;1,000, Deduct</i>	-20.26	
33 14 13 36-0025	LF		24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	450.32	80.62
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	26.04	
			<i>For &lt;100, Add</i>	35.19	
			<i>For &gt;1,000, Deduct</i>	-22.52	
33 14 13 36-0026	LF		24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	560.89	80.62
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	28.80	
			<i>For &lt;100, Add</i>	40.72	
			<i>For &gt;1,000, Deduct</i>	-28.04	
33 14 13 36-0027	LF		30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	503.52	94.06
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	29.83	
			<i>For &lt;100, Add</i>	39.96	
			<i>For &gt;1,000, Deduct</i>	-25.18	
33 14 13 36-0028	LF		30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	521.95	94.06
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	30.29	
			<i>For &lt;100, Add</i>	40.88	
			<i>For &gt;1,000, Deduct</i>	-26.10	
33 14 13 36-0029	LF		30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	695.77	94.06
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	34.64	
			<i>For &lt;100, Add</i>	49.57	
			<i>For &gt;1,000, Deduct</i>	-34.79	
33 14 13 36-0030	LF		36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	599.08	94.06
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	32.22	
			<i>For &lt;100, Add</i>	44.74	
			<i>For &gt;1,000, Deduct</i>	-29.95	
33 14 13 36-0031	LF		36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	702.51	112.87
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	38.26	
			<i>For &lt;100, Add</i>	52.86	
			<i>For &gt;1,000, Deduct</i>	-35.13	
33 14 13 36-0032	LF		36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	837.32	112.87
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	41.63	
			<i>For &lt;100, Add</i>	59.60	
			<i>For &gt;1,000, Deduct</i>	-41.87	
33 14 13 36-0033	LF		36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	803.65	112.87
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	40.79	
			<i>For &lt;100, Add</i>	57.92	
			<i>For &gt;1,000, Deduct</i>	-40.18	
<b>33 14 13 36-0034</b>			<b>Flexible Couplings (Dresser Style 38)</b> <small>(33 14 13 36-0001)</small>		
33 14 13 36-0035	EA		2" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	135.63	27.54
			<i>For 7" Length, Add</i>	8.27	
33 14 13 36-0036	EA		3" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	192.25	52.98
			<i>For 7" Length, Add</i>	8.63	
33 14 13 36-0037	EA		4" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	255.76	69.93
			<i>For 7" Length, Add</i>	11.45	
33 14 13 36-0038	EA		6" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	411.47	105.95
			<i>For 7" Length, Add</i>	19.96	
33 14 13 36-0039	EA		8" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	542.00	133.50
			<i>For 7" Length, Add</i>	27.71	
33 14 13 36-0040	EA		10" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	784.54	176.41
			<i>For 7" Length, Add</i>	43.17	
33 14 13 36-0041	EA		12" Diameter x 5" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	928.40	221.10
			<i>For 7" Length, Add</i>	48.74	
33 14 13 36-0042	EA		14" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,000.11	221.10
			<i>For 10" Length, Add</i>	31.78	
33 14 13 36-0043	EA		16" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,055.82	252.86
			<i>For 10" Length, Add</i>	33.11	
33 14 13 36-0044	EA		18" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,158.41	270.49
			<i>For 10" Length, Add</i>	37.05	
33 14 13 36-0045	EA		20" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,263.80	305.78
			<i>For 10" Length, Add</i>	40.55	
33 14 13 36-0046	EA		24" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,607.02	323.41
			<i>For 10" Length, Add</i>	57.61	
33 14 13 36-0047	EA		30" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	1,935.64	352.82
			<i>For 10" Length, Add</i>	73.80	
33 14 13 36-0048	EA		36" Diameter x 7" Length, Dresser Coupling For Plain End Welded Steel Pipe.....	2,274.22	396.92
			<i>For 10" Length, Add</i>	88.82	
<b>33 14 13 39</b>			<b>Copper Public Water Utility Distribution Piping</b> <small>(33 14 13)</small>		
<b>33 14 13 39-0001</b>			<b>Type L Copper Water Distribution Piping</b> <small>(33 14 13 39)</small>		
33 14 13 39-0002	LF		1/2" Type L Copper Water Distribution Pipe.....	7.92	2.10
33 14 13 39-0003	LF		3/4" Type L Copper Water Distribution Pipe.....	10.04	2.36
33 14 13 39-0004	LF		1" Type L Copper Water Distribution Pipe.....	13.31	2.62
33 14 13 39-0005	LF		1-1/4" Type L Copper Water Distribution Pipe.....	16.68	3.14
33 14 13 39-0006	LF		1-1/2" Type L Copper Water Distribution Pipe.....	20.60	4.19
33 14 13 39-0007	LF		2" Type L Copper Water Distribution Pipe.....	30.16	5.23
33 14 13 39-0008	LF		2-1/2" Type L Copper Water Distribution Pipe.....	38.03	6.29
33 14 13 39-0009	LF		3" Type L Copper Water Distribution Pipe.....	47.84	6.91



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 39-0010 LF 3-1/2" Type L Copper Water Distribution Pipe .....	64.25	8.70
33 14 13 39-0011 LF 4" Type L Copper Water Distribution Pipe .....	84.92	10.99
33 14 13 39-0012 LF 5" Type L Copper Water Distribution Pipe .....	137.36	13.72
33 14 13 39-0013 LF 6" Type L Copper Water Distribution Pipe .....	177.61	16.55
33 14 13 39-0014 LF 8" Type L Copper Water Distribution Pipe .....	307.41	18.53
<b>33 14 13 39-0015 Type K Copper Water Distribution Piping</b> <small>(33 14 13 39)</small>		
33 14 13 39-0016 LF 1/2" Type K Copper Water Distribution Pipe .....	8.46	2.10
33 14 13 39-0017 LF 3/4" Type K Copper Water Distribution Pipe .....	11.92	2.36
33 14 13 39-0018 LF 1" Type K Copper Water Distribution Pipe .....	15.18	2.62
33 14 13 39-0019 LF 1-1/4" Type K Copper Water Distribution Pipe .....	17.84	3.14
33 14 13 39-0020 LF 1-1/2" Type K Copper Water Distribution Pipe .....	22.31	4.19
33 14 13 39-0021 LF 2" Type K Copper Water Distribution Pipe .....	32.46	5.23
33 14 13 39-0022 LF 2-1/2" Type K Copper Water Distribution Pipe .....	44.42	6.29
33 14 13 39-0023 LF 3" Type K Copper Water Distribution Pipe .....	57.42	6.91
33 14 13 39-0024 LF 3-1/2" Type K Copper Water Distribution Pipe .....	75.50	8.70
33 14 13 39-0025 LF 4" Type K Copper Water Distribution Pipe .....	101.99	10.99
33 14 13 39-0026 LF 5" Type K Copper Water Distribution Pipe .....	172.70	13.72
33 14 13 39-0027 LF 6" Type K Copper Water Distribution Pipe .....	241.16	16.55
33 14 13 39-0028 LF 8" Type K Copper Water Distribution Pipe .....	424.68	18.53
<b>33 14 13 39-0029 Water Distribution Related Items</b> <small>(33 14 13 39)</small>		
Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.		
33 14 13 39-0030 EA Water Tap, 1 1/2" .....	7,692.12	
33 14 13 39-0031 EA Water Tap, 2" .....	8,365.93	
33 14 13 39-0032 EA Water Tap, 3" .....	9,442.76	
33 14 13 39-0033 EA Backflow Preventer (RPZ) 1 1/2" .....	7,216.18	
33 14 13 39-0034 EA Backflow Preventer (RPZ) 2" .....	8,140.47	
33 14 13 39-0035 EA Backflow Preventer (RPZ) 3" .....	10,610.32	
33 14 13 39-0036 EA Water Meter In Vault, 1 1/2" .....	1,597.67	
33 14 13 39-0037 EA Water Meter In Vault, 2" .....	2,256.51	
33 14 13 39-0038 EA Water Meter In Vault, 3" .....	2,775.92	
33 14 13 39-0039 EA Water Valve Assembly, 1 1/2" .....	2,659.85	
33 14 13 39-0040 EA Water Valve Assembly, 2" .....	3,009.62	
33 14 13 39-0041 EA Water Valve Assembly, 3" .....	6,134.92	
33 14 13 39-0042 LF Water Service Line, 1" (Connection To Water Supply Pipe), (0 > 100) .....	52.48	
33 14 13 39-0043 LF Water Service Line, 1" (Connection To Water Supply Pipe), (100 > 500) .....	47.10	
33 14 13 39-0044 LF Water Service Line, 1" (Connection To Water Supply Pipe), (500 > 1000) .....	41.72	
33 14 13 39-0045 LF Water Service Line, 1" (Connection To Water Supply Pipe), (1000 >) .....	38.50	
33 14 13 39-0046 LF Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (0 > 100) .....	64.04	
33 14 13 39-0047 LF Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (100 > 500) .....	60.17	
33 14 13 39-0048 LF Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (500 > 1000) .....	57.26	
33 14 13 39-0049 LF Water Service Line, 1 1/2" (Connection To Water Supply Pipe), (1000 >) .....	54.36	
33 14 13 39-0050 LF Water Service Line, 2" (Connection To Water Supply Pipe), (0 > 100) .....	91.77	
33 14 13 39-0051 LF Water Service Line, 2" (Connection To Water Supply Pipe), (100 > 500) .....	86.45	
33 14 13 39-0052 LF Water Service Line, 2" (Connection To Water Supply Pipe), (500 > 1000) .....	80.70	
33 14 13 39-0053 LF Water Service Line, 2" (Connection To Water Supply Pipe), (1000 >) .....	78.37	
33 14 13 39-0054 LF Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (0 > 100) .....	102.23	
33 14 13 39-0055 LF Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (100 > 500) .....	96.30	
33 14 13 39-0056 LF Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (500 > 1000) .....	89.99	
33 14 13 39-0057 LF Water Service Line, 2-1/2" (Connection To Water Supply Pipe), (1000 >) .....	87.40	
33 14 13 39-0058 LF Water Service Line, 3" (Connection To Water Supply Pipe), (0 > 100) .....	110.81	
33 14 13 39-0059 LF Water Service Line, 3" (Connection To Water Supply Pipe), (100 > 500) .....	104.23	
33 14 13 39-0060 LF Water Service Line, 3" (Connection To Water Supply Pipe), (500 > 1000) .....	97.65	
33 14 13 39-0061 LF Water Service Line, 3" (Connection To Water Supply Pipe), (1000 >) .....	94.96	
<b>33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps</b> <small>(33 14 13)</small>		
<b>33 14 13 43-0001 Pipe Coatings</b> <small>(33 14 13 43)</small>		
<b>33 14 13 43-0002 Epoxy Wrap And Pipe Coating</b> <small>(33 14 13 43-0001)</small>		
Note: Applied at fabrication shop.		
33 14 13 43-0003 LF 12" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	3.63	
33 14 13 43-0004 LF 14" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	4.82	
33 14 13 43-0005 LF 16" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	5.50	
33 14 13 43-0006 LF 18" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	5.78	
33 14 13 43-0007 LF 20" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	6.23	
33 14 13 43-0008 LF 24" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	7.26	
33 14 13 43-0009 LF 30" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	9.53	
33 14 13 43-0010 LF 36" Outside Diameter Of Pipe, Epoxy Wrap And Pipe Coating .....	15.05	
<b>33 14 13 43-0011 Cement Coating With Fiberglass Or Wire Mesh Reinforcing</b> <small>(33 14 13 43-0001)</small>		
Note: Applied at fabrication shop. Thickness ranging between 1" and 2".		
33 14 13 43-0012 LF 4" Diameter Cement Coated Pipe 1" To 2" Mesh .....	9.81	
Note: Reinforcing applied at fabrication shop.		



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0013 LF 6" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	12.07	
33 14 13 43-0014 LF 8" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	15.09	
33 14 13 43-0015 LF 10" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	16.81	
33 14 13 43-0016 LF 12" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	18.99	
33 14 13 43-0017 LF 14" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	22.22	
33 14 13 43-0018 LF 16" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	25.25	
33 14 13 43-0019 LF 18" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	28.48	
33 14 13 43-0020 LF 20" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	31.66	
33 14 13 43-0021 LF 24" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	37.98	
33 14 13 43-0022 LF 30" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	47.47	
33 14 13 43-0023 LF 36" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	56.96	
33 14 13 43-0024 LF 42" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	66.46	
33 14 13 43-0025 LF 48" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	75.95	
33 14 13 43-0026 LF 54" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	85.44	
33 14 13 43-0027 LF 60" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	94.94	
33 14 13 43-0028 LF 66" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	104.43	
33 14 13 43-0029 LF 72" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	113.93	
33 14 13 43-0030 LF 78" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	123.42	
33 14 13 43-0031 LF 84" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	132.91	
33 14 13 43-0032 LF 90" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	142.41	
33 14 13 43-0033 LF 96" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	151.90	
33 14 13 43-0034 LF 102" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	161.39	
33 14 13 43-0035 LF 108" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	170.89	
33 14 13 43-0036 LF 114" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	180.38	
33 14 13 43-0037 LF 120" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	189.88	
33 14 13 43-0038 LF 126" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	199.37	
33 14 13 43-0039 LF 132" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	208.86	
33 14 13 43-0040 LF 138" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	218.36	
33 14 13 43-0041 LF 144" Diameter Cement Coated Pipe 1" To 2" Mesh ..... Note: Reinforcing applied at fabrication shop.	227.85	
<b>33 14 13 43-0042 Epoxy Wrap And Fitting Coating (33 14 13 43-0001)</b> Note: Applied at fabrication shop.		
33 14 13 43-0043 EA 4" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	11.49 0.39	
33 14 13 43-0044 EA 6" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	14.51 0.52	
33 14 13 43-0045 EA 8" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	21.24 0.67	
33 14 13 43-0046 EA 10" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	35.93 0.98	
33 14 13 43-0047 EA 12" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	54.97 1.45	
33 14 13 43-0048 EA 14" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	86.23 2.22	
33 14 13 43-0049 EA 16" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	133.56 2.86	
33 14 13 43-0050 EA 18" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	181.93 2.95	
33 14 13 43-0051 EA 20" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	249.23 3.53	
33 14 13 43-0052 EA 24" Outside Diameter, Epoxy Wrap And Fitting Coating..... <i>For 1/2" Thick, Add</i>	362.95 4.94	



	<b>Utilities</b>	<b>33</b>	
	<b>Water Utilities</b>	<b>33 10</b>	<b>33</b>
	<b>Water Utility Transmission and Distribution</b>	<b>33 14</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

33 14 13 43-0053	<b>Cement Pipe Lining</b> (33 14 13 43)	
33 14 13 43-0054	<b>Cement Pipe Lining</b> (33 14 13 43-0053)	
	Note: Shop applied.	
33 14 13 43-0055	LF 4" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	16.09
	For 1/2" Thick, Add	1.31
33 14 13 43-0056	LF 6" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	19.98
	For 1/2" Thick, Add	1.61
33 14 13 43-0057	LF 8" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	24.37
	For 1/2" Thick, Add	2.01
33 14 13 43-0058	LF 10" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	31.66
	For 1/2" Thick, Add	2.52
33 14 13 43-0059	LF 12" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	38.98
	For 1/2" Thick, Add	3.03
33 14 13 43-0060	LF 14" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	49.91
	For 1/2" Thick, Add	3.54
33 14 13 43-0061	LF 16" Outside Diameter, 1/4" Thick Cement Pipe Lining.....	64.83
	For 1/2" Thick, Add	4.02
33 14 13 43-0062	LF 18" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	77.55
	For 1/2" Thick, Add	3.86
33 14 13 43-0063	LF 20" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	93.79
	For 1/2" Thick, Add	4.29
33 14 13 43-0064	LF 24" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	113.75
	For 1/2" Thick, Add	5.14
33 14 13 43-0065	LF 30" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	136.81
	For 1/2" Thick, Add	6.43
33 14 13 43-0066	LF 36" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	164.64
	For 1/2" Thick, Add	7.71
33 14 13 43-0067	LF 42" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	192.12
	For 1/2" Thick, Add	6.62
33 14 13 43-0068	LF 48" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	219.48
	For 1/2" Thick, Add	7.56
33 14 13 43-0069	LF 54" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	246.97
	For 1/2" Thick, Add	8.51
33 14 13 43-0070	LF 60" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	274.45
	For 1/2" Thick, Add	9.46
33 14 13 43-0071	LF 66" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	301.80
	For 1/2" Thick, Add	5.55
33 14 13 43-0072	LF 72" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	329.29
	For 1/2" Thick, Add	6.05
33 14 13 43-0073	LF 78" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	356.76
	For 1/2" Thick, Add	6.56
33 14 13 43-0074	LF 84" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	384.12
	For 1/2" Thick, Add	7.06
33 14 13 43-0075	LF 90" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	411.60
	For 1/2" Thick, Add	7.56
33 14 13 43-0076	LF 96" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	439.08
33 14 13 43-0077	LF 102" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	466.45
33 14 13 43-0078	LF 108" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	493.93
33 14 13 43-0079	LF 114" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	521.40
33 14 13 43-0080	LF 120" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	548.77
33 14 13 43-0081	LF 126" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	576.25
33 14 13 43-0082	LF 132" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	603.73
33 14 13 43-0083	LF 138" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	631.09
33 14 13 43-0084	LF 144" Outside Diameter, 1/2" Thick Cement Pipe Lining.....	658.56

33 14 13 43-0085	<b>Cement Fitting Lining</b> (33 14 13 43-0053)	
	Note: Shop applied.	
33 14 13 43-0086	EA 4" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	17.10
	For 1/2" Thick, Add	1.51
33 14 13 43-0087	EA 6" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	21.99
	For 1/2" Thick, Add	2.01
33 14 13 43-0088	EA 8" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	30.96
	For 1/2" Thick, Add	2.62
33 14 13 43-0089	EA 10" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	51.13
	For 1/2" Thick, Add	4.02
33 14 13 43-0090	EA 12" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	77.97
	For 1/2" Thick, Add	6.05
33 14 13 43-0091	EA 14" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	115.86
	For 1/2" Thick, Add	8.14
33 14 13 43-0092	EA 16" Outside Diameter, 1/4" Thick Cement Fitting Lining.....	171.56
	For 1/2" Thick, Add	10.46
33 14 13 43-0093	EA 18" Outside Diameter, 5/16" Thick Cement Fittings Lining.....	232.66
	For 1/2" Thick, Add	11.57
33 14 13 43-0094	EA 20" Outside Diameter, 5/16" Thick Cement Fitting Lining.....	312.48
	For 1/2" Thick, Add	14.28
33 14 13 43-0095	EA 24" Outside Diameter, 5/16" Thick Cement Fitting Lining.....	454.94
	For 1/2" Thick, Add	20.57

33 14 13 43-0096	<b>8 Mil Polyethylene Encasement Tubing</b> (33 14 13 43)	
	Note: ANSI/AWWA C105/A21.5-99 section 4.2.	

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 14 13 43-0097	LF	3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing.....	1.70
33 14 13 43-0098	LF	10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing.....	2.75
33 14 13 43-0099	LF	14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing.....	3.31
33 14 13 43-0100	LF	18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing.....	4.15
33 14 13 43-0101	LF	24" Diameter, 8 Mil Polyethylene Encasement Tubing.....	5.66
33 14 13 43-0102	LF	30" Diameter, 8 Mil Polyethylene Encasement Tubing.....	7.24
33 14 13 43-0103	LF	36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing.....	9.24
33 14 13 43-0104	LF	48" Diameter, 8 Mil Polyethylene Encasement Tubing.....	11.00
33 14 13 43-0105	LF	54" Diameter, 8 Mil Polyethylene Encasement Tubing.....	12.99
33 14 13 43-0106	LF	60" Diameter, 8 Mil Polyethylene Encasement Tubing.....	13.96

**33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters (33 14 13)****33 14 13 53-0001****Double Stud Stainless Steel Service Saddles (33 14 13 53)**

Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.

33 14 13 53-0002	EA	4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	267.48
33 14 13 53-0003	EA	4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	372.94
33 14 13 53-0004	EA	4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	385.55
33 14 13 53-0005	EA	6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	319.22
33 14 13 53-0006	EA	6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	400.19
33 14 13 53-0007	EA	8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	333.76
33 14 13 53-0008	EA	8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	419.19
33 14 13 53-0009	EA	10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	375.23
33 14 13 53-0010	EA	10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	441.63
33 14 13 53-0011	EA	12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	391.47
33 14 13 53-0012	EA	12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372) .....	452.98

**33 14 13 53-0013****Double Bale Epoxy Coated Ductile Iron Body Service Saddles (33 14 13 53)**

Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.

33 14 13 53-0014	EA	1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	225.84
33 14 13 53-0015	EA	2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	225.99
33 14 13 53-0016	EA	2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	240.46
33 14 13 53-0017	EA	2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	229.60
33 14 13 53-0018	EA	3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	245.62
33 14 13 53-0019	EA	3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	271.22
33 14 13 53-0020	EA	3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	288.40
33 14 13 53-0021	EA	4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	264.12
33 14 13 53-0022	EA	4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	289.93
33 14 13 53-0023	EA	4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	304.72
33 14 13 53-0024	EA	5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	278.72
33 14 13 53-0025	EA	5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	305.34
33 14 13 53-0026	EA	5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	320.04
33 14 13 53-0027	EA	6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	293.81
33 14 13 53-0028	EA	6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	319.66
33 14 13 53-0029	EA	6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	334.19
33 14 13 53-0030	EA	6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	482.94
33 14 13 53-0031	EA	6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	495.55
33 14 13 53-0032	EA	8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	317.74
33 14 13 53-0033	EA	8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	348.84
33 14 13 53-0034	EA	8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	362.37
33 14 13 53-0035	EA	8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	570.27
33 14 13 53-0036	EA	10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	354.72
33 14 13 53-0037	EA	10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	391.88
33 14 13 53-0038	EA	10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	635.46
33 14 13 53-0039	EA	12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	385.27
33 14 13 53-0040	EA	12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	424.53
33 14 13 53-0041	EA	12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	439.86
33 14 13 53-0042	EA	12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	707.80
33 14 13 53-0043	EA	14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	447.66
33 14 13 53-0044	EA	14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	478.58
33 14 13 53-0045	EA	14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	514.68
33 14 13 53-0046	EA	14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	866.20
33 14 13 53-0047	EA	15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	460.27
33 14 13 53-0048	EA	15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	522.30
33 14 13 53-0049	EA	15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	544.00
33 14 13 53-0050	EA	15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	930.20
33 14 13 53-0051	EA	16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	480.87
33 14 13 53-0052	EA	16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	545.14
33 14 13 53-0053	EA	16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	567.41
33 14 13 53-0054	EA	16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	967.89
33 14 13 53-0055	EA	18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	530.99
33 14 13 53-0056	EA	18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	612.40



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0057 EA 20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	603.16	
33 14 13 53-0058 EA 20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	667.01	
33 14 13 53-0059 EA 24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	629.78	
33 14 13 53-0060 EA 24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313) .....	709.75	
<b>33 14 13 53-0061 Double Bale Bronze Service Saddles <small>(33 14 13 53)</small></b>		
33 14 13 53-0062 EA 4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	309.67	
33 14 13 53-0063 EA 4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	338.13	
33 14 13 53-0064 EA 6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	351.83	
33 14 13 53-0065 EA 6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	380.54	
33 14 13 53-0066 EA 8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	391.15	
33 14 13 53-0067 EA 8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	411.08	
33 14 13 53-0068 EA 10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	380.35	
33 14 13 53-0069 EA 10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	404.29	
33 14 13 53-0070 EA 12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	478.95	
33 14 13 53-0071 EA 12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	517.33	
33 14 13 53-0072 EA 14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	712.66	
33 14 13 53-0073 EA 14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	803.53	
33 14 13 53-0074 EA 16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	827.45	
33 14 13 53-0075 EA 16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B) .....	922.11	
<b>33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle <small>(33 14 13 53)</small></b>		
Note: Taps are compression or NPT.		
33 14 13 53-0077 EA 4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	324.74	
33 14 13 53-0078 EA 4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	357.15	
33 14 13 53-0079 EA 6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	369.63	
33 14 13 53-0080 EA 6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	400.87	
33 14 13 53-0081 EA 8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	413.15	
33 14 13 53-0082 EA 8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	434.26	
33 14 13 53-0083 EA 10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	464.22	
33 14 13 53-0084 EA 10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	496.44	
33 14 13 53-0085 EA 12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	499.11	
33 14 13 53-0086 EA 12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	540.09	
33 14 13 53-0087 EA 14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	762.62	
33 14 13 53-0088 EA 14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	874.18	
33 14 13 53-0089 EA 16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	886.73	
33 14 13 53-0090 EA 16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	965.13	
33 14 13 53-0091 EA 18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	1,905.22	
33 14 13 53-0092 EA 18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	1,905.22	
33 14 13 53-0093 EA 20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	1,976.78	
33 14 13 53-0094 EA 20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	1,976.78	
33 14 13 53-0095 EA 24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	2,122.02	
33 14 13 53-0096 EA 24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S) .....	2,122.02	
<b>33 14 13 53-0097 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve <small>(33 14 13 53)</small></b>		
33 14 13 53-0098 EA 4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,180.22	
33 14 13 53-0099 EA 6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,256.14	
33 14 13 53-0100 EA 6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,372.17	
33 14 13 53-0101 EA 8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,414.12	
33 14 13 53-0102 EA 8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,472.62	
33 14 13 53-0103 EA 8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,688.20	
33 14 13 53-0104 EA 10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,544.75	
33 14 13 53-0105 EA 10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,601.75	
33 14 13 53-0106 EA 10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,791.41	
33 14 13 53-0107 EA 10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,462.34	
33 14 13 53-0108 EA 12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,738.65	
33 14 13 53-0109 EA 12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	1,821.64	
33 14 13 53-0110 EA 12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,008.29	
33 14 13 53-0111 EA 12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,609.47	
33 14 13 53-0112 EA 12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,843.18	
33 14 13 53-0113 EA 14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,279.40	
33 14 13 53-0114 EA 14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,348.28	
33 14 13 53-0115 EA 14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,747.35	
33 14 13 53-0116 EA 14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,241.80	
33 14 13 53-0117 EA 14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,563.78	
33 14 13 53-0118 EA 16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,704.56	
33 14 13 53-0119 EA 16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,775.63	
33 14 13 53-0120 EA 16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,040.24	
33 14 13 53-0121 EA 16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,746.90	
33 14 13 53-0122 EA 16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,914.89	
33 14 13 53-0123 EA 18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,702.87	
33 14 13 53-0124 EA 18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	2,999.96	
33 14 13 53-0125 EA 18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,176.86	
33 14 13 53-0126 EA 18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	4,008.17	
33 14 13 53-0127 EA 18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	4,175.97	
33 14 13 53-0128 EA 20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662) .....	3,462.68	



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

DEMOLITION

UNIT COST

UNIT COST

33 14 13 53-0129	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,533.58	
33 14 13 53-0130	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,928.96	
33 14 13 53-0131	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,596.65	
33 14 13 53-0132	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,880.71	
33 14 13 53-0133	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,739.47	
33 14 13 53-0134	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,893.33	
33 14 13 53-0135	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,100.65	
33 14 13 53-0136	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,047.79	
33 14 13 53-0137	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,222.69	

**33 14 13 53-0138 Ductile Iron Mechanical Joint Tapping Sleeve** (33 14 13 53)

33 14 13 53-0139	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,432.47	
33 14 13 53-0140	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,730.50	
33 14 13 53-0141	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,067.37	
33 14 13 53-0142	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,186.13	
33 14 13 53-0143	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,302.58	
33 14 13 53-0144	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,468.16	
33 14 13 53-0145	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,540.05	
33 14 13 53-0146	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,491.72	
33 14 13 53-0147	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,656.64	
33 14 13 53-0148	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,056.28	
33 14 13 53-0149	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,158.87	
33 14 13 53-0150	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,919.10	
33 14 13 53-0151	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,105.26	
33 14 13 53-0152	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,189.81	
33 14 13 53-0153	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,227.03	
33 14 13 53-0154	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,491.92	
33 14 13 53-0155	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,482.53	
33 14 13 53-0156	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,507.76	
33 14 13 53-0157	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,715.60	
33 14 13 53-0158	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,765.79	
33 14 13 53-0159	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,820.86	
33 14 13 53-0160	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,950.34	
33 14 13 53-0161	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,204.08	
33 14 13 53-0162	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,393.98	
33 14 13 53-0163	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,861.35	
33 14 13 53-0164	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,997.22	
33 14 13 53-0165	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,403.55	
33 14 13 53-0166	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,746.15	
33 14 13 53-0167	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,393.81	
33 14 13 53-0168	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,573.03	
33 14 13 53-0169	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,643.95	
33 14 13 53-0170	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,991.12	
33 14 13 53-0171	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,475.16	
33 14 13 53-0172	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,740.84	
33 14 13 53-0173	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,768.69	
33 14 13 53-0174	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,932.45	
33 14 13 53-0175	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,980.06	
33 14 13 53-0176	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,548.56	
33 14 13 53-0177	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,762.96	
33 14 13 53-0178	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,813.39	
33 14 13 53-0179	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,273.69	
33 14 13 53-0180	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,493.99	

**33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve** (33 14 13 53)

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,361.27	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,484.81	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,571.43	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,605.40	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,704.98	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,999.92	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,840.88	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,951.17	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,215.66	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,979.61	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,102.19	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,252.06	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,601.05	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,055.36	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,402.99	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,399.18	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,582.74	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,975.55	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,430.29	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,671.40	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,922.14	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,172.61	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,363.76	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,852.62	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0206 EA 16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,184.66	
33 14 13 53-0207 EA 18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,223.46	
33 14 13 53-0208 EA 18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,597.17	
33 14 13 53-0209 EA 18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,796.62	
33 14 13 53-0210 EA 18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,226.35	
33 14 13 53-0211 EA 18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,794.49	
33 14 13 53-0212 EA 20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,483.42	
33 14 13 53-0213 EA 20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	3,856.16	
33 14 13 53-0214 EA 20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,018.44	
33 14 13 53-0215 EA 20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,817.04	
33 14 13 53-0216 EA 20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	5,262.12	
33 14 13 53-0217 EA 24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,122.48	
33 14 13 53-0218 EA 24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,176.60	
33 14 13 53-0219 EA 24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	4,370.95	
33 14 13 53-0220 EA 24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	5,323.95	
33 14 13 53-0221 EA 24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663).....	5,833.19	
<b>33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter (33 14 13 53)</b>		
33 14 13 53-0223 EA 3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	332.62	61.67
33 14 13 53-0224 EA 4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	416.77	77.75
33 14 13 53-0225 EA 6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	548.16	107.25
33 14 13 53-0226 EA 8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	710.01	126.02
33 14 13 53-0227 EA 10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,113.29	142.10
33 14 13 53-0228 EA 12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912).....	1,243.77	160.88
<b>33 14 13 53-0229 Steel Body, Flanged Coupling Adapter (33 14 13 53)</b>		
33 14 13 53-0230 EA 3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	484.48	61.67
33 14 13 53-0231 EA 4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	573.03	77.75
33 14 13 53-0232 EA 6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	765.22	107.25
33 14 13 53-0233 EA 8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	935.92	126.02
33 14 13 53-0234 EA 10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,142.27	142.10
33 14 13 53-0235 EA 12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,330.92	160.88
33 14 13 53-0236 EA 14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,580.80	176.97
33 14 13 53-0237 EA 16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,871.70	193.05
33 14 13 53-0238 EA 18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,209.94	212.36
33 14 13 53-0239 EA 20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,611.00	233.59
<b>33 14 13 53-0240 Steel Body, Flanged-Lock Restrained Coupling Adapters (33 14 13 53)</b>		
33 14 13 53-0241 EA 4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	426.93	77.75
33 14 13 53-0242 EA 6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	573.23	107.25
33 14 13 53-0243 EA 8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	634.99	126.02
33 14 13 53-0244 EA 10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	925.73	142.10
33 14 13 53-0245 EA 12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,178.38	160.88
33 14 13 53-0246 EA 14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,321.57	176.97
33 14 13 53-0247 EA 16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,552.98	193.05
33 14 13 53-0248 EA 18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,742.66	212.36
33 14 13 53-0249 EA 20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,093.60	233.59
33 14 13 53-0250 EA 24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,521.17	256.97
33 14 13 53-0251 EA 30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	5,242.53	282.61
33 14 13 53-0252 EA 36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	7,072.86	310.92
<b>33 14 13 53-0253 Ductile Iron Body, Omni Coupling System (33 14 13 53)</b>		
33 14 13 53-0254 EA 2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	150.89	42.90
33 14 13 53-0255 EA 2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	186.06	50.95
33 14 13 53-0256 EA 3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	230.29	61.67
33 14 13 53-0257 EA 4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	289.21	77.75
33 14 13 53-0258 EA 6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	385.97	107.25
33 14 13 53-0259 EA 8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	468.79	126.02
33 14 13 53-0260 EA 10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	585.15	142.10
33 14 13 53-0261 EA 12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	684.11	160.88
33 14 13 53-0262 EA 14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	960.12	176.97
33 14 13 53-0263 EA 16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	1,196.77	193.05
<b>33 14 19 Valves and Hydrants for Water Utility Service (33 14)</b>		
Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for bolt and gasket sets.		
<b>33 14 19 00-0001 Accessories For Valves (33 14 19)</b>		
33 14 19 00-0002 EA 1" Valve Extension Stem.....	107.98	
For Each Additional LF, Add <span style="float: right;">8.64</span>		
33 14 19 00-0003 EA Up to 80" Long Indicator Post Telescoping Barrel Assembly.....	1,674.79	105.95
Note: Excludes valve.		
33 14 19 00-0004 EA >80" To 114" Long Indicator Post Telescoping Barrel Assembly.....	1,900.27	116.55
Note: Excludes valve.		



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0005			<b>Water Utility Distribution Valves</b> (33 14 19)		
33 14 19 00-0006			<b>Angle Valves</b> (33 14 19 00-0005)		
			Note: For connecting meters to water service.		
33 14 19 00-0007			<b>Threaded, Class 150, Bronze Angle Valve</b> (33 14 19 00-0006)		
			Note: Nibco T-335Y		
33 14 19 00-0008	EA		1/2" Threaded, Class 150, Bronze Angle Valve .....	100.82	18.41
33 14 19 00-0009	EA		3/4" Threaded, Class 150, Bronze Angle Valve .....	135.96	24.74
33 14 19 00-0010	EA		1" Threaded, Class 150, Bronze Angle Valve .....	182.90	30.49
33 14 19 00-0011	EA		1-1/4" Threaded, Class 150, Bronze Angle Valve .....	235.45	38.31
33 14 19 00-0012	EA		1-1/2" Threaded, Class 150, Bronze Angle Valve .....	293.76	44.29
33 14 19 00-0013	EA		2" Threaded, Class 150, Bronze Angle Valve .....	437.25	51.78
33 14 19 00-0014	EA		2-1/2" Threaded, Class 150, Bronze Angle Valve .....	699.39	70.67
33 14 19 00-0015	EA		3" Threaded, Class 150, Bronze Angle Valve .....	1,059.83	81.58
33 14 19 00-0016			<b>Butterfly Valves</b> (33 14 19 00-0005)		
33 14 19 00-0017			<b>Lug Type Flanged, Cast Iron Disc, Butterfly Valves</b> (33 14 19 00-0016)		
			Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0018	EA		3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	2,160.78	195.60
33 14 19 00-0019	EA		3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified) .....	2,420.32	195.60
33 14 19 00-0020	EA		4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	2,422.17	302.72
33 14 19 00-0021	EA		4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	2,679.49	302.72
33 14 19 00-0022	EA		6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	2,807.93	381.63
33 14 19 00-0023	EA		6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified) .....	3,065.25	381.63
33 14 19 00-0024	EA		8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	3,170.08	487.63
33 14 19 00-0025	EA		8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified) .....	3,425.92	487.63
33 14 19 00-0026	EA		10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	3,976.29	593.64
33 14 19 00-0027	EA		10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8) .....	3,976.29	593.64
33 14 19 00-0028	EA		12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified) .....	4,549.24	719.54
33 14 19 00-0029	EA		12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified) .....	4,806.57	719.54
33 14 19 00-0030	EA		14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified) .....	6,102.25	1,019.04
33 14 19 00-0031	EA		14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified) .....	6,775.13	1,019.04
33 14 19 00-0032	EA		16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified) .....	7,112.50	1,120.94
33 14 19 00-0033	EA		16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified) .....	7,937.70	1,120.94
33 14 19 00-0034	EA		18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified) .....	8,927.58	1,243.22
33 14 19 00-0035	EA		18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified) .....	9,801.58	1,243.22
33 14 19 00-0036	EA		20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified) .....	10,232.68	1,401.18
33 14 19 00-0037	EA		20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified) .....	11,105.20	1,401.18



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 14 19 00-0038</b>				<b>Lug Type Flanged, Ductile Iron Disc, Butterfly Valves</b> <small>(33 14 19 00-0016)</small> Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
	EA			24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified).....	17,140.47	1,719.63
	EA			24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified).....	27,644.01	1,719.63
	EA			24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified).....	17,088.56	1,719.63
	EA			30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified).....	28,082.65	2,724.59
	EA			36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified).....	55,615.84	3,632.79
	EA			42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified).....	65,704.78	5,449.18
	EA			48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified).....	83,358.31	6,811.48
	EA			54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified).....	116,534.53	8,173.78
	EA			60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified).....	146,047.51	9,808.53
	EA			72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified).....	209,678.05	11,770.23
	LF			3/16" Link, 316 Stainless Steel Chain For Use With DeZurik Chainwheel.....	19.40	
	EA			316 Stainless Steel Closing Link For Use With DeZurik Chainwheel.....	10.21	
				Note: One required per valve.		
<b>33 14 19 00-0051</b>				<b>Check Valves</b> <small>(33 14 19 00-0005)</small>		
<b>33 14 19 00-0052</b>				<b>Flanged, Swing Type Gravity Operated Check Valves</b> <small>(33 14 19 00-0051)</small> Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
	EA			2-1/2" Flanged, Swing Type Gravity Operated Check Valve.....	1,395.20	153.63
	EA			3" Flanged, Swing Type Gravity Operated Check Valve.....	1,427.99	180.12
	EA			4" Flanged, Swing Type Gravity Operated Check Valve.....	1,936.88	227.80
	EA			4" x 6" Flanged, Swing Type Gravity Operated Check Valve.....	2,751.02	342.75
	EA			4" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	2,848.38	382.80
	EA			6" Flanged, Swing Type Gravity Operated Check Valve.....	2,709.61	381.43
	EA			6" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	3,563.54	433.57
	EA			6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	3,708.26	487.38
	EA			8" Flanged, Swing Type Gravity Operated Check Valve.....	3,871.12	487.38
	EA			10" Flanged, Swing Type Gravity Operated Check Valve.....	6,601.23	593.34
	EA			12" Flanged, Swing Type Gravity Operated Check Valve.....	10,062.29	445.00
	EA			14" Flanged, Swing Type Gravity Operated Check Valve.....	14,247.04	1,019.04
	EA			16" Flanged, Swing Type Gravity Operated Check Valve.....	18,984.11	1,120.94
	EA			18" Flanged, Swing Type Gravity Operated Check Valve.....	27,596.30	1,243.22
	EA			20" Flanged, Swing Type Gravity Operated Check Valve.....	32,136.07	1,401.18
<b>33 14 19 00-0068</b>				<b>Combination Air Release Valves</b> <small>(33 14 19 00-0005)</small>		
	EA			1" Combination Air Release Valve.....	627.05	22.25
	EA			2" Combination Air Release Valve.....	1,011.72	38.14
<b>33 14 19 00-0071</b>				<b>Corporation Stop And Curb Valve</b> <small>(33 14 19 00-0005)</small> Note: AWWA C800		
<b>33 14 19 00-0072</b>				<b>Ball Corporation Valves</b> <small>(33 14 19 00-0071)</small> Note: Mueller B-25000.		
	EA			3/4" Ball Corporation Valve (Mueller B-25000).....	81.12	22.25
	EA			1" Ball Corporation Valve (Mueller B-25000).....	101.80	27.54
	EA			1-1/2" Ball Corporation Valve (Mueller B-25000).....	180.37	40.27
	EA			2" Ball Corporation Valve (Mueller B-25000).....	268.98	47.68
<b>33 14 19 00-0077</b>				<b>Ground Key Corporation Valves</b> <small>(33 14 19 00-0071)</small> Note: Mueller B-15000.		
	EA			1/2" Ground Key Corporation Valve.....	61.47	19.07
	EA			3/4" Ground Key Corporation Valve.....	68.14	22.25
	EA			1" Ground Key Corporation Valve.....	92.23	27.54
	EA			1-1/4" Ground Key Corporation Valve.....	167.46	33.91
	EA			1-1/2" Ground Key Corporation Valve.....	175.59	40.27
	EA			2" Ground Key Corporation Valve.....	268.92	47.68

**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

<b>33 14 19 00-0084</b>	<b>Ball Curb Valves</b> <small>(33 14 19 00-0071)</small> Note: Mueller B-25204.		
33 14 19 00-0085	EA 3/4" Ball Curb Valve.....	97.08	22.25
33 14 19 00-0086	EA 1" Ball Curb Valve.....	128.78	27.54
33 14 19 00-0087	EA 1-1/2" Ball Curb Valve.....	242.82	40.27
33 14 19 00-0088	EA 2" Ball Curb Valve.....	360.43	47.68
<b>33 14 19 00-0089</b>	<b>O Ring Seal Curb Valves</b> <small>(33 14 19 00-0071)</small> Note: Mueller H-15204.		
33 14 19 00-0090	EA 3/4" O Ring Seal Curb Valve.....	97.08	22.25
33 14 19 00-0091	EA 1" O Ring Seal Curb Valve.....	136.02	27.54
33 14 19 00-0092	EA 1-1/4" O Ring Seal Curb Valve.....	181.84	33.91
33 14 19 00-0093	EA 1-1/2" O Ring Seal Curb Valve.....	242.82	40.27
33 14 19 00-0094	EA 2" O Ring Seal Curb Valve.....	360.35	47.68
<b>33 14 19 00-0095</b>	<b>Gate Valve, AWWA C500 And C509</b> <small>(33 14 19 00-0005)</small>		
<b>33 14 19 00-0096</b>	<b>Gate Valve, Flanged AWWA C500, Mueller A-2380-6</b> <small>(33 14 19 00-0095)</small>		
33 14 19 00-0097	EA 2" Gate Valve, Flanged.....	855.06	141.23
33 14 19 00-0098	EA 2-1/2" Gate Valve, Flanged.....	1,002.77	153.63
33 14 19 00-0099	EA 3" Gate Valve, Flanged.....	1,186.84	180.12
33 14 19 00-0100	EA 4" Gate Valve, Flanged.....	1,525.70	225.68
33 14 19 00-0101	EA 6" Gate Valve, Flanged.....	1,914.67	381.43
33 14 19 00-0102	EA 8" Gate Valve, Flanged.....	2,849.74	487.38
33 14 19 00-0103	EA 10" Gate Valve, Flanged.....	4,308.09	593.34
33 14 19 00-0104	EA 12" Gate Valve, Flanged.....	5,195.95	445.00
33 14 19 00-0105	EA 14" Gate Valve, Flanged.....	11,557.49	1,019.04
33 14 19 00-0106	EA 16" Gate Valve, Flanged.....	15,143.23	1,120.94
33 14 19 00-0107	EA 18" Gate Valve, Flanged.....	24,047.38	1,243.22
33 14 19 00-0108	EA 20" Gate Valve, Flanged.....	28,766.43	1,401.18
<b>33 14 19 00-0109</b>	<b>Resilient Wedge Gate Valve, Flanged AWWA C509, Mueller A-2360-6</b> <small>(33 14 19 00-0095)</small>		
33 14 19 00-0110	EA 2" Resilient Wedge Gate Valve, Flanged.....	816.69	141.23
33 14 19 00-0111	EA 2-1/2" Resilient Wedge Gate Valve, Flanged.....	956.92	153.63
33 14 19 00-0112	EA 3" Resilient Wedge Gate Valve, Flanged.....	1,132.42	180.12
33 14 19 00-0113	EA 4" Resilient Wedge Gate Valve, Flanged.....	1,464.87	225.68
33 14 19 00-0114	EA 6" Resilient Wedge Gate Valve, Flanged.....	1,833.36	381.43
33 14 19 00-0115	EA 8" Resilient Wedge Gate Valve, Flanged.....	2,722.71	487.38
33 14 19 00-0116	EA 10" Resilient Wedge Gate Valve, Flanged.....	4,106.24	593.34
33 14 19 00-0117	EA 12" Resilient Wedge Gate Valve, Flanged.....	4,952.23	445.00
<b>33 14 19 00-0118</b>	<b>Gate Valve, Mechanical Joint AWWA C500, Mueller A-2380-20</b> <small>(33 14 19 00-0095)</small>		
33 14 19 00-0119	EA 2" Gate Valve, Mechanical Joint.....	999.74	112.84
33 14 19 00-0120	EA 2-1/2" Gate Valve, Mechanical Joint.....	1,077.41	141.45
33 14 19 00-0121	EA 3" Gate Valve, Mechanical Joint.....	1,355.71	171.11
33 14 19 00-0122	EA 4" Gate Valve, Mechanical Joint.....	1,610.62	225.68
33 14 19 00-0123	EA 6" Gate Valve, Mechanical Joint.....	2,030.38	264.88
33 14 19 00-0124	EA 8" Gate Valve, Mechanical Joint.....	2,970.25	317.86
33 14 19 00-0125	EA 10" Gate Valve, Mechanical Joint.....	4,369.68	370.83
33 14 19 00-0126	EA 12" Gate Valve, Mechanical Joint.....	5,475.67	445.00
33 14 19 00-0127	EA 14" Gate Valve, Mechanical Joint.....	12,294.91	624.16
33 14 19 00-0128	EA 16" Gate Valve, Mechanical Joint.....	15,924.77	700.59
33 14 19 00-0129	EA 18" Gate Valve, Mechanical Joint.....	25,445.67	777.02
33 14 19 00-0130	EA 20" Gate Valve, Mechanical Joint.....	30,276.87	875.73
<b>33 14 19 00-0131</b>	<b>Resilient Wedge Gate Valve, Mechanical Joint AWWA C509, Mueller A-2360-20</b> <small>(33 14 19 00-0095)</small>		
33 14 19 00-0132	EA 2" Resilient Wedge Gate Valve, Mechanical Joint.....	955.92	112.84
33 14 19 00-0133	EA 3" Resilient Wedge Gate Valve, Mechanical Joint.....	1,298.34	171.11
33 14 19 00-0134	EA 4" Resilient Wedge Gate Valve, Mechanical Joint.....	1,545.00	225.68
33 14 19 00-0135	EA 6" Resilient Wedge Gate Valve, Mechanical Joint.....	1,945.45	264.88
33 14 19 00-0136	EA 8" Resilient Wedge Gate Valve, Mechanical Joint.....	2,838.13	317.86
33 14 19 00-0137	EA 10" Resilient Wedge Gate Valve, Mechanical Joint.....	4,164.34	370.83
33 14 19 00-0138	EA 12" Resilient Wedge Gate Valve, Mechanical Joint.....	5,216.06	445.00
<b>33 14 19 00-0139</b>	<b>Gate Valve, Threaded, WW-V-51 Class A, Type 1</b> <small>(33 14 19 00-0095)</small> Note: NIBCO T-113.		
33 14 19 00-0140	EA 1/4" Gate Valve, Bronze, Threaded.....	59.18	18.53
33 14 19 00-0141	EA 3/8" Gate Valve, Bronze, Threaded.....	60.94	18.53
33 14 19 00-0142	EA 1/2" Gate Valve, Bronze, Threaded.....	60.37	18.53
33 14 19 00-0143	EA 3/4" Gate Valve, Bronze, Threaded.....	77.73	25.02
33 14 19 00-0144	EA 1" Gate Valve, Bronze, Threaded.....	95.85	30.26





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0145 EA 1-1/4" Gate Valve, Bronze, Threaded .....	130.30	38.31
33 14 19 00-0146 EA 1-1/2" Gate Valve, Bronze, Threaded .....	151.20	44.29
33 14 19 00-0147 EA 2" Gate Valve, Bronze, Threaded .....	183.46	51.78
33 14 19 00-0148 EA 2-1/2" Gate Valve, Bronze, Threaded .....	353.60	70.67
33 14 19 00-0149 EA 3" Gate Valve, Bronze, Threaded .....	423.86	81.06
<b>33 14 19 00-0150</b> <b>Globe Valve, AWWA</b> (33 14 19 00-0005)		
<b>33 14 19 00-0151</b> <b>Globe Valve, Threaded, WW-V-51 Class B, Type 1</b> (33 14 19 00-0150)		
Note: NIBCO T-235.		
33 14 19 00-0152 EA 1/8" Globe Valve, Threaded .....	83.76	18.53
33 14 19 00-0153 EA 1/4" Globe Valve, Threaded .....	80.21	18.53
33 14 19 00-0154 EA 3/8" Globe Valve, Threaded .....	81.97	18.53
33 14 19 00-0155 EA 1/2" Globe Valve, Threaded .....	83.76	18.53
33 14 19 00-0156 EA 3/4" Globe Valve, Threaded .....	113.75	25.02
33 14 19 00-0157 EA 1" Globe Valve, Threaded .....	159.61	30.26
33 14 19 00-0158 EA 1-1/4" Globe Valve, Threaded .....	233.35	38.31
33 14 19 00-0159 EA 1-1/2" Globe Valve, Threaded .....	278.56	44.29
33 14 19 00-0160 EA 2" Globe Valve, Threaded .....	388.67	51.78
33 14 19 00-0161 EA 2-1/2" Globe Valve, Threaded .....	713.50	70.67
33 14 19 00-0162 EA 3" Globe Valve, Threaded .....	976.88	81.48
<b>33 14 19 00-0163</b> <b>Tapping Valve, AWWA C500 And C509</b> (33 14 19 00-0005)		
<b>33 14 19 00-0164</b> <b>Tapping Valve, AWWA C500 And C509</b> (33 14 19 00-0163)		
Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0165 EA 2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	1,220.85	141.23
33 14 19 00-0166 EA 3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	1,573.35	180.12
33 14 19 00-0167 EA 4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	1,899.05	225.68
33 14 19 00-0168 EA 6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	2,485.20	381.43
33 14 19 00-0169 EA 8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	3,581.43	487.38
33 14 19 00-0170 EA 10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	5,197.28	593.34
33 14 19 00-0171 EA 12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	7,699.73	445.00
33 14 19 00-0172 EA 14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	14,132.88	1,019.04
33 14 19 00-0173 EA 16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	17,870.35	1,120.94
33 14 19 00-0174 EA 18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint .....	28,883.02	1,243.22
<b>33 14 19 00-0175</b> <b>Fire Hydrants</b> (33 14 19)		
Note: Breakaway type.		
<b>33 14 19 00-0176</b> <b>Three Way, Standard (Traditional) Model Fire Hydrant</b> (33 14 19 00-0175)		
Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0177 EA 1-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,577.72	296.81
33 14 19 00-0178 EA 2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,644.23	296.81
33 14 19 00-0179 EA 2-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,710.91	296.81
33 14 19 00-0180 EA 3" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,798.48	318.02
33 14 19 00-0181 EA 3-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,865.06	318.02
33 14 19 00-0182 EA 4" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,958.20	344.52
33 14 19 00-0183 EA 4-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,024.67	344.52
33 14 19 00-0184 EA 5" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,117.83	371.02
33 14 19 00-0185 EA 5-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,184.40	371.02
33 14 19 00-0186 EA 6" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,277.37	397.52
33 14 19 00-0187 EA 6-1/2" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,370.42	424.02
33 14 19 00-0188 EA 7" Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,489.88	477.03
33 14 19 00-0189 EA 1-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,638.42	296.81
33 14 19 00-0190 EA 2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,724.73	296.81
33 14 19 00-0191 EA 2-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,810.83	296.81
33 14 19 00-0192 EA 3" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	3,918.14	318.02
33 14 19 00-0193 EA 3-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,004.24	318.02
33 14 19 00-0194 EA 4" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,117.16	344.52
33 14 19 00-0195 EA 4-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,203.15	344.52
33 14 19 00-0196 EA 5" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,315.84	371.02
33 14 19 00-0197 EA 5-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,401.92	371.02
33 14 19 00-0198 EA 6" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,514.37	397.52
33 14 19 00-0199 EA 6-1/2" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,627.18	424.02
33 14 19 00-0200 EA 7" Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant .....	4,766.14	477.03
<b>33 14 19 00-0201</b> <b>Two Way, Standard (Traditional) Model Fire Hydrant</b> (33 14 19 00-0175)		
Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		
33 14 19 00-0202 EA 1-1/2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,212.64	296.81
33 14 19 00-0203 EA 2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,278.92	296.81
33 14 19 00-0204 EA 2-1/2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,345.58	296.81
33 14 19 00-0205 EA 3" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,433.43	318.02
33 14 19 00-0206 EA 3-1/2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,499.79	318.02
33 14 19 00-0207 EA 4" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,592.78	344.52
33 14 19 00-0208 EA 4-1/2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,659.35	344.52
33 14 19 00-0209 EA 5" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,752.57	371.02
33 14 19 00-0210 EA 5-1/2" Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant .....	3,819.00	371.02



**33 Utilities****33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 14 19 00-0211	EA		6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,912.33	397.52
33 14 19 00-0212	EA		6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,004.96	424.02
33 14 19 00-0213	EA		7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,124.56	477.03
33 14 19 00-0214	EA		1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,306.40	296.81
33 14 19 00-0215	EA		2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,392.52	296.81
33 14 19 00-0216	EA		2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,478.51	296.81
33 14 19 00-0217	EA		3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,586.04	318.02
33 14 19 00-0218	EA		3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,671.92	318.02
33 14 19 00-0219	EA		4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,784.69	344.52
33 14 19 00-0220	EA		4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,870.62	344.52
33 14 19 00-0221	EA		5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,983.59	371.02
33 14 19 00-0222	EA		5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,069.47	371.02
33 14 19 00-0223	EA		6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,182.22	397.52
33 14 19 00-0224	EA		6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,294.61	424.02
33 14 19 00-0225	EA		7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,434.04	477.03

**33 14 19 00-0226 Three Way, Modern Model Fire Hydrant (33 14 19 00-0175)**

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0227	EA		1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,732.94	296.81
33 14 19 00-0228	EA		2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,818.93	296.81
33 14 19 00-0229	EA		2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,905.18	296.81
33 14 19 00-0230	EA		3' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,012.54	318.02
33 14 19 00-0231	EA		3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,098.59	318.02
33 14 19 00-0232	EA		4' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,211.19	344.52
33 14 19 00-0233	EA		4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,297.36	344.52
33 14 19 00-0234	EA		5' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,409.98	371.02
33 14 19 00-0235	EA		5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,496.06	371.02
33 14 19 00-0236	EA		6' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,608.66	371.02
33 14 19 00-0237	EA		6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,721.52	424.02
33 14 19 00-0238	EA		7' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,859.58	424.02

**33 14 19 00-0239 Two Way, Modern Model Fire Hydrant (33 14 19 00-0175)**

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0240	EA		1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,654.68	296.81
33 14 19 00-0241	EA		2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,720.12	296.81
33 14 19 00-0242	EA		2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,786.29	296.81
33 14 19 00-0243	EA		3' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,872.17	318.02
33 14 19 00-0244	EA		3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,937.59	318.02
33 14 19 00-0245	EA		4' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,029.51	344.52
33 14 19 00-0246	EA		4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,094.91	344.52
33 14 19 00-0247	EA		5' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,186.91	371.02
33 14 19 00-0248	EA		5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,252.14	371.02
33 14 19 00-0249	EA		6' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,344.08	397.52
33 14 19 00-0250	EA		6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,436.09	424.02
33 14 19 00-0251	EA		7' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,553.71	477.03

**33 14 19 00-0252 Fire Hydrant Extension Kits (33 14 19 00-0175)**

33 14 19 00-0253	EA		6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	553.21	26.50
33 14 19 00-0254	EA		12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	657.26	33.12
33 14 19 00-0255	EA		18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	716.78	39.76
33 14 19 00-0256	EA		24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	814.61	49.03
33 14 19 00-0257	EA		30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,230.78	51.02
33 14 19 00-0258	EA		36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,314.59	53.00
33 14 19 00-0259	EA		42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,334.53	55.65
33 14 19 00-0260	EA		48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,409.52	59.63
33 14 19 00-0261	EA		54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,553.79	71.56
33 14 19 00-0262	EA		60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit.....	1,639.38	86.13
33 14 19 00-0263	EA		6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	615.41	29.69
33 14 19 00-0264	EA		12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	728.69	36.05
33 14 19 00-0265	EA		18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	836.12	43.46
33 14 19 00-0266	EA		24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	934.56	54.06
33 14 19 00-0267	EA		30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,280.17	56.19
33 14 19 00-0268	EA		36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,365.04	58.30
33 14 19 00-0269	EA		42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,423.43	61.49
33 14 19 00-0270	EA		48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,665.11	65.72
33 14 19 00-0271	EA		54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,824.67	78.44
33 14 19 00-0272	EA		60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit.....	1,916.92	94.35

**33 14 19 00-0273 Removal And Reinstallation Of Standard Fire Hydrant (33 14 19 00-0175)**

Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.

33 14 19 00-0274	EA		Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant.....	848.04	
33 14 19 00-0275	EA		>5' Burial Section, Removal And Reinstallation Of Fire Hydrant.....	1,236.73	
33 14 19 00-0276	EA		Reset Fire Hydrant Upper Barrel.....	1,246.72	

Note: Includes Safety Repair Kit



			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 14 19 00-0277 Yard Hydrants</b> <small>(33 14 19)</small>					
Note: With 3/4" hose thread outlet.					
			33 14 19 00-0278 EA 2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	365.72	34.52
			33 14 19 00-0279 EA 4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	393.25	34.52
			33 14 19 00-0280 EA 6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet.....	420.77	34.52
			33 14 19 00-0281 EA 2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	336.33	43.72
			33 14 19 00-0282 EA 4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	352.75	43.72
			33 14 19 00-0283 EA 6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	369.16	43.72
<b>33 14 19 00-0284 Sanitary Yard Hydrants</b> <small>(33 14 19)</small>					
Note: With 3/4" hose thread outlet.					
			33 14 19 00-0285 EA 2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,665.92	71.92
			33 14 19 00-0286 EA 4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,751.94	71.92
			33 14 19 00-0287 EA 6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet.....	1,837.95	71.92
<b>33 14 19 00-0288 Flushing Hydrants</b> <small>(33 14 19)</small>					
			33 14 19 00-0289 EA 2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth .....	876.13	44.30
			<i>For Each Additional 1' Section &gt; Standard 3' Bury Depth, Add</i>	<i>8.14</i>	
<b>33 14 23 Enclosures for Water Utility Piping and Valves</b> <small>(33 14)</small>					
Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0414 for Enclosures.					
<b>33 14 23 00-0001 Roadway Or Curb Valve Boxes</b> <small>(33 14 23)</small>					
See CSI section 22 05 19 00-0000 for metering.					
<b>33 14 23 00-0002 Round Head, Cast Iron Service, Roadway Or Valve Boxes</b> <small>(33 14 23 00-0001)</small>					
			33 14 23 00-0003 EA 36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	270.66	13.98
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0004 EA 36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	316.21	13.98
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0005 EA 42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	318.30	13.98
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0006 EA 9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	79.17	6.99
			33 14 23 00-0007 EA 16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	91.23	6.99
			33 14 23 00-0008 EA 24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box .....	109.38	6.99
			33 14 23 00-0009 EA 36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box .....	410.96	17.48
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0010 EA 45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	716.31	24.47
			Note: Includes cover, top section, bottom section and #6 round base.		
			33 14 23 00-0011 EA 45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	801.27	24.47
			Note: Includes cover, top section, bottom section and #6 round base.		
			33 14 23 00-0012 EA 24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	427.81	17.48
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0013 EA 36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	448.10	17.48
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0014 EA 24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	432.60	17.48
			Note: Includes cover, top section and bottom section.		
			33 14 23 00-0015 EA 12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box .....	156.27	6.99
			33 14 23 00-0016 EA 18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	257.33	28.77
			33 14 23 00-0017 EA 22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	266.55	29.92
			33 14 23 00-0018 EA 30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	296.89	31.06
			33 14 23 00-0019 EA 36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box .....	413.70	32.80
			33 14 23 00-0020 EA 48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes .....	500.62	34.52
			33 14 23 00-0021 EA 18" Cast Iron Service Box Extension Section .....	118.48	
<b>33 14 23 00-0022 Plastic Roadway Grade Water Meter Box And Cover</b> <small>(33 14 23 00-0001)</small>					
			33 14 23 00-0023 EA 12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover .....	501.90	40.27
			33 14 23 00-0024 EA 9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover .....	380.24	28.77
			33 14 23 00-0025 EA Cast Iron Lid For Plastic Meter Box .....	118.55	
<b>33 16 Water Utility Storage Tanks</b> <small>(33 10)</small>					
<b>33 16 23 Ground-Level Steel Water Storage Tanks</b> <small>(33 16)</small>					
See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.					
<b>33 19 Water Utility Metering Equipment</b> <small>(33 10)</small>					
<b>33 19 13 Positive Displacement Water Meters</b> <small>(33 19)</small>					
<b>33 19 13 23 Nutating Disc Water Meters</b> <small>(33 19 13)</small>					
<b>33 19 13 23-0001 Bronze Disk Type Water Service Meters</b> <small>(33 19 13 23)</small>					
			33 19 13 23-0002 EA 5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter .....	316.49	59.83
			<i>For Owner Furnished Material, Deduct</i>	<i>-255.93</i>	
			33 19 13 23-0003 EA 3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter .....	398.06	71.33
			<i>For Owner Furnished Material, Deduct</i>	<i>-326.14</i>	
			33 19 13 23-0004 EA 1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter .....	535.42	81.69
			<i>For Owner Furnished Material, Deduct</i>	<i>-453.23</i>	

**33 Utilities****33 10 Water Utilities****33 19 Water Utility Metering Equipment**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 19 13 23-0005	EA 1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter ..... <i>For Owner Furnished Material, Deduct</i>	1,043.96 -921.56	121.96
33 19 13 23-0006	EA 2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter ..... <i>For Owner Furnished Material, Deduct</i>	1,414.88 -1,255.08	158.78
<b>33 19 16 Velocity-Type Water Meters (33 19)</b>			
<b>33 19 16 23 Turbine Water Meters (33 19 16)</b>			
33 19 16 23-0001	Flanged Turbine Water Service Meter (33 19 16 23)		
<b>33 19 16 23-0002 Vertical Turbine Meters (33 19 16 23-0001)</b>			
33 19 16 23-0003	EA 1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	1,014.36 -874.95	111.25
33 19 16 23-0004	EA 2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	1,423.78 -1,247.19	141.23
33 19 16 23-0005	EA 3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	2,657.39 -2,206.56	180.12
33 19 16 23-0006	EA 4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	3,965.84 -3,261.88	281.84
33 19 16 23-0007	EA 6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	7,480.72 -6,523.75	381.43
<b>33 19 16 23-0008 Horizontal Turbine Meters (33 19 16 23-0001)</b>			
33 19 16 23-0009	EA 1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged ..... <i>For Owner Furnished Material, Deduct</i>	1,597.66 -1,458.25	111.25
33 19 16 23-0010	EA 2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged ..... <i>For Owner Furnished Material, Deduct</i>	2,256.51 -2,079.92	141.23
33 19 16 23-0011	EA 3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged ..... <i>For Owner Furnished Material, Deduct</i>	2,991.25 -2,540.42	180.12
33 19 16 23-0012	EA 4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	4,407.15 -3,703.19	281.84
33 19 16 23-0013	EA 6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	9,088.63 -8,131.66	381.43
33 19 16 23-0014	EA 8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	12,151.64 -10,940.71	487.38
33 19 16 23-0015	EA 10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	16,963.82 -15,480.48	593.34
33 19 16 23-0016	EA 12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged..... <i>For Owner Furnished Material, Deduct</i>	20,478.24 -18,139.86	935.56
<b>33 19 19 Compound Water Meters (33 19)</b>			
<b>33 19 19 00-0001 Flanged Compound Type Water Service Meter (33 19 19)</b>			
33 19 19 00-0002	EA 2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	4,255.85 -4,079.26	141.23
33 19 19 00-0003	EA 3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	5,182.47 -4,731.64	180.12
33 19 19 00-0004	EA 4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	8,567.00 -7,863.04	281.84
33 19 19 00-0005	EA 6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	11,982.11 -11,025.14	381.43
33 19 19 00-0006	EA 8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	24,619.68 -23,408.75	487.38
33 19 19 00-0007	EA 10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter ..... <i>For Owner Furnished Material, Deduct</i>	42,160.84 -40,677.50	593.34
<b>33 19 23 Magnetic Water Meters (33 19)</b>			
<b>33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter (33 19 23)</b>			
33 19 23 00-0002	EA 2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	8,907.54	141.23
33 19 23 00-0003	EA 3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	12,543.80	180.12
33 19 23 00-0004	EA 4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	14,386.76	281.84
<b>33 19 26 Ultrasonic Water Meters (33 19)</b>			
<b>33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) (33 19 26)</b>			
33 19 26 00-0002	EA 3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	4,475.69	180.12
33 19 26 00-0003	EA 4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	5,145.19	281.84
33 19 26 00-0004	EA 6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	7,577.18	381.43
33 19 26 00-0005	EA 8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	10,926.12	487.38

**33 30 Sanitary Sewerage Utilities (33)****33 31 Sanitary Sewerage Piping (33 30)****33 31 11 Public Sanitary Sewerage Gravity Piping (33 31)**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

<b>33 31 11 00-0001</b>			<b>Cast Iron Service Saddles With U Bolt</b> <small>(33 31 11)</small>		
33 31 11 00-0002	EA		2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	124.79	
33 31 11 00-0003	EA		3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	125.46	
33 31 11 00-0004	EA		3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	138.07	
33 31 11 00-0005	EA		4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt .....	133.63	
33 31 11 00-0006	EA		4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt .....	150.84	
33 31 11 00-0007	EA		4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt .....	169.73	
33 31 11 00-0008	EA		4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt .....	201.08	
33 31 11 00-0009	EA		6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt .....	170.25	
33 31 11 00-0010	EA		6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt .....	186.12	
33 31 11 00-0011	EA		6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt .....	214.66	
33 31 11 00-0012	EA		2" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	175.34	
33 31 11 00-0013	EA		4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	137.42	
33 31 11 00-0014	EA		4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt .....	150.03	
33 31 11 00-0015	EA		4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt .....	178.59	
33 31 11 00-0016	EA		4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt .....	211.96	
33 31 11 00-0017	EA		6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt .....	228.22	
<b>33 31 11 00-0018</b>			<b>Plastic Sewer And Drain Piping</b> <small>(33 31 11)</small>		
			Note: Includes detectable tracer wire.		
<b>33 31 11 00-0019</b>			<b>Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe</b> <small>(33 31 11 00-0018)</small>		
33 31 11 00-0020	LF		1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	11.98	4.66
33 31 11 00-0021	LF		2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	14.61	5.49
33 31 11 00-0022	LF		3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	20.79	6.65
33 31 11 00-0023	LF		4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	26.30	7.76
33 31 11 00-0024	LF		6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	36.89	9.02
33 31 11 00-0025	LF		8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	50.34	10.49
33 31 11 00-0026	LF		10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	70.71	10.86
33 31 11 00-0027	LF		12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	94.54	11.25
<b>33 31 11 00-0028</b>			<b>Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe</b> <small>(33 31 11 00-0018)</small>		
			Note: D-2729 PVC pipe.		
33 31 11 00-0029	LF		3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	15.64	6.65
33 31 11 00-0030	LF		4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	18.43	7.76
33 31 11 00-0031	LF		6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe .....	23.79	9.02
<b>33 31 11 00-0032</b>			<b>Polyvinyl Chloride (PVC) Sewer And Drain Fittings</b> <small>(33 31 11 00-0018)</small>		
<b>33 31 11 00-0033</b>			<b>1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 11 00-0032)</small>		
33 31 11 00-0034	EA		1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	29.82	14.81
33 31 11 00-0035	EA		2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	38.33	19.15
33 31 11 00-0036	EA		3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	68.64	25.71
33 31 11 00-0037	EA		4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	108.22	29.72
33 31 11 00-0038	EA		6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	445.53	38.63
33 31 11 00-0039	EA		8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	741.75	51.99
33 31 11 00-0040	EA		10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	979.10	69.23
<b>33 31 11 00-0041</b>			<b>1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 11 00-0032)</small>		
33 31 11 00-0042	EA		1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	31.58	14.81
33 31 11 00-0043	EA		2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	38.19	19.15
33 31 11 00-0044	EA		3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	66.01	25.71
33 31 11 00-0045	EA		4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	95.33	29.72
33 31 11 00-0046	EA		6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	412.73	38.63
33 31 11 00-0047	EA		8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	665.52	51.99
33 31 11 00-0048	EA		10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	754.87	69.23
33 31 11 00-0049	EA		12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,123.89	92.21
<b>33 31 11 00-0050</b>			<b>Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 11 00-0032)</small>		
33 31 11 00-0051	EA		1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	51.20	14.59
33 31 11 00-0052	EA		2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	50.63	19.15
33 31 11 00-0053	EA		3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	100.27	25.71
33 31 11 00-0054	EA		4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	166.20	29.72
33 31 11 00-0055	EA		6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	333.54	38.63
33 31 11 00-0056	EA		8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	594.57	51.99
33 31 11 00-0057	EA		10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	976.46	69.23
33 31 11 00-0058	EA		12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,482.49	92.21
<b>33 31 11 00-0059</b>			<b>1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain</b> <small>(33 31 11 00-0032)</small>		
33 31 11 00-0060	EA		1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	35.33	14.81
33 31 11 00-0061	EA		2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	41.99	19.15
33 31 11 00-0062	EA		3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	76.96	25.71

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 31 11 00-0063	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	115.65	29.72
	33 31 11 00-0064	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	554.63	38.63
	33 31 11 00-0065	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	900.57	51.99
	33 31 11 00-0066	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,015.26	69.23
	33 31 11 00-0067	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,037.10	92.21
<b>33 31 11 00-0068</b>	<b>Reducers, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0069	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	40.61	16.89
	33 31 11 00-0070	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	78.88	20.17
	33 31 11 00-0071	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	74.09	22.24
	33 31 11 00-0072	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	117.03	24.31
	33 31 11 00-0073	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	125.59	27.58
	33 31 11 00-0074	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	392.83	34.14
	33 31 11 00-0075	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	839.10	45.27
	33 31 11 00-0076	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	236.48	49.43
	33 31 11 00-0077	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	334.08	53.91
	33 31 11 00-0078	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	308.09	60.55
	33 31 11 00-0079	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	869.56	65.44
	33 31 11 00-0080	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	918.02	72.08
	33 31 11 00-0081	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain .....	971.50	80.72
<b>33 31 11 00-0082</b>	<b>Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0083	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	47.14	22.38
	33 31 11 00-0084	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	62.80	28.94
	33 31 11 00-0085	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	109.15	38.18
	33 31 11 00-0086	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	169.91	47.42
	33 31 11 00-0087	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	652.75	51.99
	33 31 11 00-0088	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain .....	847.00	69.23
<b>33 31 11 00-0089</b>	<b>Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0090	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	60.75	22.38
	33 31 11 00-0091	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	70.72	28.94
	33 31 11 00-0092	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	119.25	38.18
	33 31 11 00-0093	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	186.45	47.42
	33 31 11 00-0094	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	590.67	51.99
	33 31 11 00-0095	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	729.08	69.23
	33 31 11 00-0096	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	958.89	92.39
	33 31 11 00-0097	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,517.39	123.30
<b>33 31 11 00-0098</b>	<b>Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0099	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	82.13	22.38
	33 31 11 00-0100	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	91.51	28.94
	33 31 11 00-0101	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	105.20	38.18
	33 31 11 00-0102	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	163.76	47.42
	33 31 11 00-0103	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	179.27	47.42
<b>33 31 11 00-0104</b>	<b>Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0105	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	101.32	28.94
	33 31 11 00-0106	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	131.84	38.18
	33 31 11 00-0107	EA	3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	269.79	51.54
	33 31 11 00-0108	EA	4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	483.85	62.34
	33 31 11 00-0109	EA	2" x 2" x 1-1/2" x 1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	125.40	38.18
	33 31 11 00-0110	EA	3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	220.59	51.54
	33 31 11 00-0111	EA	4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain .....	402.60	62.34
<b>33 31 11 00-0112</b>	<b>Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0113	EA	1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	77.74	22.38
	33 31 11 00-0114	EA	2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	97.22	28.94
	33 31 11 00-0115	EA	3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	198.89	38.18
	33 31 11 00-0116	EA	4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	365.06	47.42
	33 31 11 00-0117	EA	2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	154.90	28.94
	33 31 11 00-0118	EA	3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	251.14	38.18
	33 31 11 00-0119	EA	3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	178.46	38.18
	33 31 11 00-0120	EA	4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	340.57	47.42
	33 31 11 00-0121	EA	4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	362.97	47.42
<b>33 31 11 00-0122</b>	<b>Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0032)</b>				
	33 31 11 00-0123	EA	1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	114.49	28.94
	33 31 11 00-0124	EA	2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	133.31	38.18
	33 31 11 00-0125	EA	3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	209.32	51.54





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0126 EA 4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	789.26	62.34
33 31 11 00-0127 EA 6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain .....	2,629.38	69.01
<b>33 31 11 00-0128 Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain</b> (33 31 11 00-0032)		
33 31 11 00-0129 EA 4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain .....	615.57	123.27
33 31 11 00-0130 EA 6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain .....	1,489.86	159.03
33 31 11 00-0131 EA 8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain .....	1,894.22	224.10
33 31 11 00-0132 EA 10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain .....	2,607.23	360.49
<b>33 31 11 00-0133 Couplings, Polyvinyl Chloride (PVC) Sewer And Drain</b> (33 31 11 00-0032)		
33 31 11 00-0134 EA 1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	28.91	14.81
33 31 11 00-0135 EA 2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	35.96	19.04
33 31 11 00-0136 EA 3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	57.37	25.49
33 31 11 00-0137 EA 4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	75.89	29.72
33 31 11 00-0138 EA 6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	231.07	38.63
33 31 11 00-0139 EA 8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	577.91	51.99
33 31 11 00-0140 EA 10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	878.68	69.23
33 31 11 00-0141 EA 12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain .....	1,458.26	92.21
<b>33 31 11 00-0142 Adapters, Polyvinyl Chloride (PVC) Sewer And Drain</b> (33 31 11 00-0032)		
33 31 11 00-0143 EA 4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting .....	138.95	74.38
33 31 11 00-0144 EA 2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting .....	94.10	56.58
33 31 11 00-0145 EA 2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting .....	98.11	56.58
33 31 11 00-0146 EA 3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting .....	108.72	56.58
33 31 11 00-0147 EA 4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	141.86	74.38
33 31 11 00-0148 EA 4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting .....	133.37	74.38
33 31 11 00-0149 EA 4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting .....	119.41	74.38
33 31 11 00-0150 EA 4" Drain Grate, Drain And Sewer Fitting .....	67.76	38.25
<b>33 31 11 00-0151 Caps, Polyvinyl Chloride (PVC) Sewer And Drain</b> (33 31 11 00-0032)		
33 31 11 00-0152 EA 3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	48.21	15.92
33 31 11 00-0153 EA 4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	84.89	19.82
33 31 11 00-0154 EA 6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting .....	170.38	25.60
<b>33 31 11 00-0155 Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain</b> (33 31 11 00-0032)		
33 31 11 00-0156 EA 1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	27.06	14.81
33 31 11 00-0157 EA 2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	35.34	19.15
33 31 11 00-0158 EA 3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	54.40	25.71
33 31 11 00-0159 EA 4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	74.86	29.72
33 31 11 00-0160 EA 6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	138.06	38.63
33 31 11 00-0161 EA 8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain .....	593.54	51.99
<b>33 31 11 00-0162 Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings</b> (33 31 11 00-0162)		
Note: ASTM 3034.		
<b>33 31 11 00-0163 1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> (33 31 11 00-0162)		
33 31 11 00-0164 EA 4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	88.73	28.22
<b>33 31 11 00-0165 1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> (33 31 11 00-0162)		
33 31 11 00-0166 EA 15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,719.68	78.75
33 31 11 00-0167 EA 18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,728.32	111.56
33 31 11 00-0168 EA 21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	4,551.85	147.65
33 31 11 00-0169 EA 24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	6,206.47	196.87
<b>33 31 11 00-0170 Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> (33 31 11 00-0162)		
33 31 11 00-0171 EA 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	242.98	49.21
33 31 11 00-0172 EA 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	588.38	56.11
33 31 11 00-0173 EA 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,643.94	65.62
33 31 11 00-0174 EA 12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,026.18	77.65
33 31 11 00-0175 EA 12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,283.38	83.67
<b>33 31 11 00-0176 Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> (33 31 11 00-0162)		
33 31 11 00-0177 EA 15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,000.88	100.63
33 31 11 00-0178 EA 15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,219.87	106.64
33 31 11 00-0179 EA 15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	2,775.46	118.12
<b>33 31 11 00-0180 Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> (33 31 11 00-0162)		
33 31 11 00-0181 EA 15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,057.69	78.75
33 31 11 00-0182 EA 18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	1,989.39	111.56

**33 Utilities****33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0183 EA 21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	3,319.62	147.65
33 31 11 00-0184 EA 24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC) .....	4,805.58	196.87
<b>33 31 11 00-0185</b> <b>Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 11 00-0162)</small>		
33 31 11 00-0186 EA 15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,458.19	67.26
<b>33 31 11 00-0187</b> <b>Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 11 00-0162)</small>		
33 31 11 00-0188 EA 6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	139.32	
33 31 11 00-0189 EA 8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	184.03	
33 31 11 00-0190 EA 8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	188.13	
33 31 11 00-0191 EA 10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	311.37	
33 31 11 00-0192 EA 10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	328.56	
33 31 11 00-0193 EA 10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	624.21	
33 31 11 00-0194 EA 12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	354.67	
33 31 11 00-0195 EA 12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	386.89	
33 31 11 00-0196 EA 12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	864.21	
33 31 11 00-0197 EA 12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	1,019.33	
33 31 11 00-0198 EA 15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	407.02	
33 31 11 00-0199 EA 15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	435.13	
<b>33 31 11 00-0200</b> <b>Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC)</b> <small>(33 31 11 00-0162)</small>		
33 31 11 00-0201 EA 6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	148.95	
33 31 11 00-0202 EA 8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	184.03	
33 31 11 00-0203 EA 8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	201.23	
33 31 11 00-0204 EA 10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	285.88	
33 31 11 00-0205 EA 10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	326.50	
33 31 11 00-0206 EA 10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	495.88	
33 31 11 00-0207 EA 12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	352.63	
33 31 11 00-0208 EA 12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	384.94	
33 31 11 00-0209 EA 12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	576.88	
33 31 11 00-0210 EA 12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	702.15	
33 31 11 00-0211 EA 15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	405.75	
33 31 11 00-0212 EA 15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	425.60	
33 31 11 00-0213 EA 15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	709.41	
33 31 11 00-0214 EA 15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	785.01	
33 31 11 00-0215 EA 15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	1,109.92	
<b>33 31 11 00-0216</b> <b>Couplings And Plug Fittings</b> <small>(33 31 11)</small>		
<b>33 31 11 00-0217</b> <b>Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings</b> <small>(33 31 11 00-0216)</small>		
Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.		
33 31 11 00-0218 EA 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150) .....	19.64	6.99
33 31 11 00-0219 EA 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22).....	21.49	8.16
33 31 11 00-0220 EA 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33).....	24.85	9.32
33 31 11 00-0221 EA 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44).....	28.16	9.91
33 31 11 00-0222 EA 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55).....	34.46	10.49
33 31 11 00-0223 EA 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66).....	40.79	11.66
33 31 11 00-0224 EA 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88).....	51.87	12.82
33 31 11 00-0225 EA 10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010).....	64.03	13.40
33 31 11 00-0226 EA 12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212).....	105.72	13.99
33 31 11 00-0227 EA 15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515).....	143.92	15.16
33 31 11 00-0228 EA 18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818).....	277.51	15.73
33 31 11 00-0229 EA 21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121).....	322.43	16.62
33 31 11 00-0230 EA 24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424).....	357.20	17.49
33 31 11 00-0231 EA 27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727).....	427.92	18.66
<b>33 34 Onsite Wastewater Disposal</b> <small>(33 30)</small>		
Note: Excludes distribution field piping, trenching or excavation.		
<b>33 34 13 Septic Tanks</b> <small>(33 34)</small>		
<b>33 34 13 13 Concrete Septic Tanks</b> <small>(33 34 13)</small>		
<b>33 34 13 13-0001 Precast Concrete Septic Tank</b> <small>(33 34 13 13)</small>		
Note: Includes external coating.		
33 34 13 13-0002 EA 1,000 Gallon Precast Septic Tank .....	4,235.65	743.07
<i>For Non-Traffic Rated, Deduct</i>		
	-830.78	
33 34 13 13-0003 EA 1,250 Gallon Precast Septic Tank .....	5,098.69	820.23
<i>For Non-Traffic Rated, Deduct</i>		
	-1,022.92	
33 34 13 13-0004 EA 1,500 Gallon Precast Septic Tank .....	5,928.10	897.25
<i>For Non-Traffic Rated, Deduct</i>		
	-1,206.62	
33 34 13 13-0005 EA 2,000 Gallon Precast Septic Tank .....	7,629.60	975.28
<i>For Non-Traffic Rated, Deduct</i>		
	-1,608.91	



	<b>Utilities</b>	<b>33</b>
	<b>Sanitary Sewerage Utilities</b>	<b>33 30</b>
	<b>Onsite Wastewater Disposal</b>	<b>33 34</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 13 13-0006 EA 2,500 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	9,070.15 -1,855.57	1,346.82
33 34 13 13-0007 EA 4,000 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	24,313.91 -5,508.79	1,857.68
33 34 13 13-0008 EA 5,000 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	44,280.35 -10,217.99	2,786.52
33 34 13 13-0009 EA 7,500 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	49,563.43 -11,204.01	3,901.12
33 34 13 13-0010 EA 10,000 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	60,786.08 -13,772.30	4,667.48
33 34 13 13-0011 EA 12,500 Gallon Precast Septic Tank ..... <i>For Non-Traffic Rated, Deduct</i>	71,795.55 -16,168.61	5,782.08
<b>33 34 13 23 Fiberglass Septic Tank (33 34 13)</b>		
<b>33 34 13 23-0001 Fiberglass Septic Tank (33 34 13 23)</b>		
33 34 13 23-0002 EA 1,000 Gallon Fiberglass Septic Tank .....	4,919.10	557.31
33 34 13 23-0003 EA 1,250 Gallon Fiberglass Septic Tank .....	5,779.14	743.07
33 34 13 23-0004 EA 1,500 Gallon Fiberglass Septic Tank .....	6,680.81	673.47
33 34 13 23-0005 EA 2,000 Gallon Fiberglass Septic Tank .....	11,232.31	729.08
33 34 13 23-0006 EA 2,500 Gallon Fiberglass Septic Tank .....	14,087.11	1,010.58
33 34 13 23-0007 EA 4,000 Gallon Fiberglass Septic Tank .....	22,370.42	1,393.25
33 34 13 23-0008 EA 5,000 Gallon Fiberglass Septic Tank .....	33,197.96	2,089.89
33 34 13 23-0009 EA 7,500 Gallon Fiberglass Septic Tank .....	45,573.98	2,925.84
33 34 13 23-0010 EA 10,000 Gallon Fiberglass Septic Tank .....	55,936.03	3,497.01
<b>33 34 13 33 Polyethylene Septic Tank (33 34 13)</b>		
<b>33 34 13 33-0001 High-Density Polyethylene (HDPE) Septic Tank (33 34 13 33)</b>		
33 34 13 33-0002 EA 300 Gallon One Compartment One Manhole High-Density Polyethylene (HDPE) Septic Tank .....	1,303.52	211.90
33 34 13 33-0003 EA 500 Gallon One Compartment One Manhole High-Density Polyethylene (HDPE) Septic Tank .....	2,031.20	238.40
33 34 13 33-0004 EA 900 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	2,835.21	291.37
33 34 13 33-0005 EA 1,000 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	2,906.34	317.86
33 34 13 33-0006 EA 1,250 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	3,374.53	344.35
33 34 13 33-0007 EA 1,500 Gallon One Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	4,060.69	370.83
33 34 13 33-0008 EA 750 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	2,862.67	264.88
33 34 13 33-0009 EA 1,000 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	3,113.94	317.86
33 34 13 33-0010 EA 1,250 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	3,670.36	344.35
33 34 13 33-0011 EA 1,500 Gallon Two Compartment Two Manhole High-Density Polyethylene (HDPE) Septic Tank .....	4,320.19	370.83
<b>33 34 51 Drainage Field System (33 34)</b>		
<b>33 34 51 00-0001 Leaching Pit - Precast Concrete (33 34 51)</b>		
Note: Includes external coating.		
33 34 51 00-0002 EA 3' Diameter, 3' High, Precast Concrete Leaching Pit .....	1,039.88	108.98
33 34 51 00-0003 EA 4' Diameter, 3' High, Precast Concrete Leaching Pit .....	1,470.84	154.81
33 34 51 00-0004 EA 6' Diameter, 3' High, Precast Concrete Leaching Pit .....	1,959.10	185.77
33 34 51 00-0005 EA 8' Diameter, 4' High, Precast Concrete Leaching Pit .....	3,184.66	309.61
33 34 51 00-0006 EA 10' Diameter, 4' High, Precast Concrete Leaching Pit .....	4,659.76	433.45
<b>33 34 53 Distribution Chambers (33 34)</b>		
<b>33 34 53 13 Drainage Field Concrete Distribution Chambers (33 34 53)</b>		
<b>33 34 53 13-0001 Concrete Distribution Boxes (33 34 53 13)</b>		
Note: Includes internal and external coating.		
33 34 53 13-0002 EA 3 Outlet Concrete Distribution Box.....	360.43	75.12
33 34 53 13-0003 EA 5 Outlet Concrete Distribution Box.....	419.02	90.14
33 34 53 13-0004 EA 8 Outlet Concrete Distribution Box.....	742.31	105.16
33 34 53 13-0005 EA 12 Outlet Concrete Distribution Box.....	1,471.23	180.28
<b>33 34 53 13-0006 Leaching Field Chambers - Precast Concrete (33 34 53 13)</b>		
33 34 53 13-0007 EA Standard Leaching Field Chamber 13' x 3'-7" x 1'-4".....	1,278.40	105.60
33 34 53 13-0008 EA Heavy-Duty Leaching Field Chamber 13' x 3'-9" x 1'-6".....	1,561.47	144.01
<b>33 34 56 Drainage Field Dosing Chambers (33 34)</b>		
<b>33 34 56 00-0001 Dosing Siphon (33 34 56)</b>		
33 34 56 00-0002 EA Dosing Siphon With Electrical Connection And Solenoid Valve .....	6,087.55	
33 34 56 00-0003 EA Solar Power Control For Dosing Siphon .....	4,185.78	
33 34 56 00-0004 EA Electrical Power Control For Dosing Siphon.....	4,021.83	

**33 40 Stormwater Utilities (33)**

**33 41 Subdrainage (33 40)**

<b>33</b>	<b>33 Utilities</b>
	<b>33 40 Stormwater Utilities</b>
	<b>33 41 Subdrainage</b>



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

**33 41 16 Subdrainage Piping** (33 41)

**33 41 16 13 Subdrainage Piping** (33 41 16)

See CSI section 33 42 11 00-0159 for polyethylene drain pipe.

33 41 16 13-0001	Corrugated High-Density Polyethylene (HDPE) Drainage Piping <small>(33 41 16 13)</small>		
33 41 16 13-0002	Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0003	Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0004	LF 4" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	7.23	5.93
	For <100, Add	1.25	
	For >1,000, Deduct	-0.66	
33 41 16 13-0005	LF 6" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	9.24	6.35
	For <100, Add	1.41	
	For >1,000, Deduct	-0.78	
33 41 16 13-0006	LF 8" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	11.77	6.66
	For <100, Add	1.59	
	For >1,000, Deduct	-0.92	
33 41 16 13-0007	LF 10" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	16.32	6.87
	For <100, Add	1.85	
	For >1,000, Deduct	-1.16	
33 41 16 13-0008	LF 12" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	19.29	7.51
	For <100, Add	2.09	
	For >1,000, Deduct	-1.34	
33 41 16 13-0009	LF 15" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	25.62	8.47
	For <100, Add	2.55	
	For >1,000, Deduct	-1.70	
33 41 16 13-0010	LF 18" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	40.00	13.14
	For <100, Add	3.97	
	For >1,000, Deduct	-2.66	
33 41 16 13-0011	LF 24" Coupled, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	56.36	14.43
	For <100, Add	4.98	
	For >1,000, Deduct	-3.54	
33 41 16 13-0012	Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0013	LF 4" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	7.04	5.93
	For <100, Add	1.24	
	For >1,000, Deduct	-0.65	
33 41 16 13-0014	LF 6" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	9.16	6.35
	For <100, Add	1.41	
	For >1,000, Deduct	-0.78	
33 41 16 13-0015	LF 8" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	15.29	6.66
	For <100, Add	1.76	
	For >1,000, Deduct	-1.10	
33 41 16 13-0016	LF 10" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	18.16	6.87
	For <100, Add	1.94	
	For >1,000, Deduct	-1.25	
33 41 16 13-0017	LF 12" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	21.31	7.51
	For <100, Add	2.19	
	For >1,000, Deduct	-1.44	
33 41 16 13-0018	LF 15" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	25.41	8.47
	For <100, Add	2.54	
	For >1,000, Deduct	-1.69	
33 41 16 13-0019	LF 18" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	38.66	13.14
	For <100, Add	3.90	
	For >1,000, Deduct	-2.59	
33 41 16 13-0020	LF 24" Coupled, Perforated, Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	54.25	14.43
	For <100, Add	4.88	
	For >1,000, Deduct	-3.43	
33 41 16 13-0021	Single Wall, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0022	Tees, Single Wall, Corrugated High-Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0023	EA 4" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	50.28	26.26
33 41 16 13-0024	EA 6" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	59.96	30.64
33 41 16 13-0025	EA 8" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	100.72	37.21
33 41 16 13-0026	EA 10" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	129.80	45.96
33 41 16 13-0027	EA 12" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	196.37	54.72
33 41 16 13-0028	EA 15" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	439.30	71.50
33 41 16 13-0029	EA 18" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	522.37	96.29
33 41 16 13-0030	EA 24" Tee, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	1,008.13	109.43
33 41 16 13-0031	Wyes, Single Wall, Corrugated High-Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0032	EA 4" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	51.90	26.26
33 41 16 13-0033	EA 6" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	65.27	30.64



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Subdrainage</b>	<b>33 41</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0034	EA		8" Wye, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	156.32	37.21
<b>33 41 16 13-0035</b>			<b>45 Degree Bends, Single Wall, Corrugated High-Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small></b>		
33 41 16 13-0036	EA		4" 45 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	34.07	17.51
<b>33 41 16 13-0037</b>			<b>90 Degree Bends, Single Wall, Corrugated High-Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small></b>		
33 41 16 13-0038	EA		4" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	35.78	17.51
33 41 16 13-0039	EA		6" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	46.85	20.43
33 41 16 13-0040	EA		8" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	71.11	24.81
33 41 16 13-0041	EA		10" 90 Degree Bend, Single Wall, Corrugated High-Density Polyethylene (HDPE) .....	94.27	30.64
<b>33 41 16 13-0042</b>			<b>Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 <small>(33 41 16 13)</small></b> Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF		4" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	9.80	4.48
			For <100, Add	1.16	
			For >1,000, Deduct	-0.71	
33 41 16 13-0044	LF		6" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	14.53	5.37
			For <100, Add	1.53	
			For >1,000, Deduct	-1.00	
33 41 16 13-0045	LF		8" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	23.82	6.71
			For <100, Add	2.20	
			For >1,000, Deduct	-1.53	
33 41 16 13-0046	LF		10" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	41.21	6.99
			For <100, Add	3.11	
			For >1,000, Deduct	-2.41	
33 41 16 13-0047	LF		12" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	53.45	7.63
			For <100, Add	3.82	
			For >1,000, Deduct	-3.05	
33 41 16 13-0048	LF		15" Perforated Polyvinyl Chloride (PVC) Drainage Piping .....	75.04	8.60
			For <100, Add	5.04	
			For >1,000, Deduct	-4.18	
<b>33 41 16 13-0049</b>			<b>Perforated Non-Reinforced Concrete Drainage Piping, C444 <small>(33 41 16 13)</small></b>		
33 41 16 13-0050	LF		6" Perforated Non-Reinforced Concrete Drainage Pipe.....	37.75	14.40
			For Extra Strength, Add	2.02	
			For >1,000, Deduct	-1.89	
33 41 16 13-0051	LF		8" Perforated Non-Reinforced Concrete Drainage Pipe.....	44.04	16.00
			For Extra Strength, Add	2.49	
			For >1,000, Deduct	-2.20	
33 41 16 13-0052	LF		10" Perforated Non-Reinforced Concrete Drainage Pipe.....	49.78	17.60
			For Extra Strength, Add	2.89	
			For >1,000, Deduct	-2.49	
33 41 16 13-0053	LF		12" Perforated Non-Reinforced Concrete Drainage Pipe.....	58.31	19.20
			For Extra Strength, Add	3.63	
			For >1,000, Deduct	-2.92	
<b>33 41 16 13-0054</b>			<b>Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small></b> Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0055	LF		6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	31.50	14.40
			For >1,000, Deduct	-1.58	
33 41 16 13-0056	LF		8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	34.87	16.00
			For >1,000, Deduct	-1.74	
33 41 16 13-0057	LF		10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	38.45	17.60
			For >1,000, Deduct	-1.92	
33 41 16 13-0058	LF		12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	43.82	18.30
			For >1,000, Deduct	-2.19	
33 41 16 13-0059	LF		15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	50.83	20.58
			For >1,000, Deduct	-2.54	
33 41 16 13-0060	LF		18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	62.91	26.30
			For >1,000, Deduct	-3.15	
33 41 16 13-0061	LF		21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	78.61	33.73
			For >1,000, Deduct	-3.93	
33 41 16 13-0062	LF		24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe .....	95.82	41.15
			For >1,000, Deduct	-4.79	
<b>33 41 16 13-0063</b>			<b>Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small></b>		
33 41 16 13-0064	LF		6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe.....	29.44	14.40
			For >1,000, Deduct	-1.47	
33 41 16 13-0065	LF		8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe.....	37.15	16.00
			For >1,000, Deduct	-1.86	
33 41 16 13-0066	LF		10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe .....	46.72	17.60
			For >1,000, Deduct	-2.34	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0067 LF 12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe .....	56.48	19.20
<i>For &gt;1,000, Deduct</i>	-2.82	
33 41 16 13-0068 LF 15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe .....	64.63	21.37
<i>For &gt;1,000, Deduct</i>	-3.23	
33 41 16 13-0069 LF 18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe .....	83.64	26.65
<i>For &gt;1,000, Deduct</i>	-4.18	
<b>33 41 16 13-0070 Perforated Vitrified Clay Drainage Piping, C700</b> <small>(33 41 16 13)</small>		
33 41 16 13-0071 LF 4" Perforated Vitrified Clay Drainage Pipe .....	29.24	16.00
33 41 16 13-0072 LF 6" Perforated Vitrified Clay Drainage Pipe .....	34.76	18.00
33 41 16 13-0073 LF 8" Perforated Vitrified Clay Drainage Pipe .....	39.27	18.00
33 41 16 13-0074 LF 10" Perforated Vitrified Clay Drainage Pipe .....	52.33	22.00
33 41 16 13-0075 LF 12" Perforated Vitrified Clay Drainage Pipe .....	61.89	24.01
<b>33 41 16 13-0076 Geotextile Filter Fabric Sock</b> <small>(33 41 16 13)</small>		
33 41 16 13-0077 LF 3" Geotextile Filter Fabric Sock.....	0.93	
33 41 16 13-0078 LF 4" Geotextile Filter Fabric Sock.....	1.22	
33 41 16 13-0079 LF 6" Geotextile Filter Fabric Sock.....	1.85	
33 41 16 13-0080 LF 8" Geotextile Filter Fabric Sock.....	2.48	
33 41 16 13-0081 LF 10" Geotextile Filter Fabric Sock.....	3.68	
33 41 16 13-0082 LF 12" Geotextile Filter Fabric Sock.....	5.04	
33 41 16 13-0083 LF 15" Geotextile Filter Fabric Sock.....	6.01	
<b>33 41 16 13-0084 Strip-Perforated, Galvanized, Corrugated Steel Pipe</b> <small>(33 41 16 13)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0085 LF 6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	26.88	6.86
<i>For Full Perforated, Add</i>	1.32	
33 41 16 13-0086 LF 8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	33.97	8.32
<i>For Full Perforated, Add</i>	1.73	
33 41 16 13-0087 LF 10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	42.85	10.55
<i>For Full Perforated, Add</i>	2.17	
33 41 16 13-0088 LF 12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	47.69	12.48
<i>For Full Perforated, Add</i>	2.27	
33 41 16 13-0089 LF 15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	54.40	12.91
<i>For Full Perforated, Add</i>	2.86	
33 41 16 13-0090 LF 18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	61.28	13.38
<i>For Full Perforated, Add</i>	3.45	
33 41 16 13-0091 LF 21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe .....	69.96	14.44
<i>For Full Perforated, Add</i>	4.11	
<b>33 41 16 13-0092 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe</b> <small>(33 41 16 13)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0093 LF 6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	28.99	6.86
<i>For Full Perforated, Add</i>	1.53	
33 41 16 13-0094 LF 8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	36.84	8.32
<i>For Full Perforated, Add</i>	2.02	
33 41 16 13-0095 LF 10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	46.36	10.55
<i>For Full Perforated, Add</i>	2.53	
33 41 16 13-0096 LF 12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	51.10	12.48
<i>For Full Perforated, Add</i>	2.62	
33 41 16 13-0097 LF 15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	58.61	12.91
<i>For Full Perforated, Add</i>	3.28	
33 41 16 13-0098 LF 18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	66.28	13.38
<i>For Full Perforated, Add</i>	3.95	
33 41 16 13-0099 LF 21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe.....	75.78	14.44
<i>For Full Perforated, Add</i>	4.69	
<b>33 41 16 13-0100 Strip-Perforated, Corrugated Aluminum Pipe</b> <small>(33 41 16 13)</small>		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0101 LF 6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	29.68	6.86
<i>For Full Perforated, Add</i>	1.60	
33 41 16 13-0102 LF 8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	37.72	8.32
<i>For Full Perforated, Add</i>	2.11	
33 41 16 13-0103 LF 10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	47.48	10.55
<i>For Full Perforated, Add</i>	2.64	
33 41 16 13-0104 LF 12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	59.50	12.48
<i>For Full Perforated, Add</i>	3.46	
33 41 16 13-0105 LF 15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	69.06	12.91
<i>For Full Perforated, Add</i>	4.32	
33 41 16 13-0106 LF 18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	78.95	13.38
<i>For Full Perforated, Add</i>	5.22	
33 41 16 13-0107 LF 21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe .....	90.56	14.44
<i>For Full Perforated, Add</i>	6.17	
<b>33 41 16 13-0108 Prefabricated Composite Drains</b> <small>(33 41 16 13)</small>		



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Subdrainage	33 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 41 16 13-0109			<b>Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)</b> <small>(33 41 16 13-0108)</small> Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0110	LF		12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	12.00	2.58
			<i>For External Typar Geotextile Wrap, Add</i>	2.15	
33 41 16 13-0111	EA		Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	54.97	
33 41 16 13-0112	EA		End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	54.97	
33 41 16 13-0113	EA		Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	104.84	
33 41 16 13-0114	EA		End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	104.84	
33 41 16 13-0115	LF		18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	19.10	3.22
			<i>For External Typar Geotextile Wrap, Add</i>	3.23	
33 41 16 13-0116	EA		Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	80.57	
33 41 16 13-0117	EA		End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	80.57	
33 41 16 13-0118	EA		Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	137.20	
33 41 16 13-0119	EA		End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	137.20	

**33 41 19 Underslab Drainage** (33 41)

**33 41 19 13 Underslab Drainage Piping** (33 41 19)

33 41 19 13-0001			<b>Capillary Water Barrier Underslab Drainage</b> <small>(33 41 19 13)</small> Note: Consists of a layer of fine granular material overlying a coarse layer.		
33 41 19 13-0002	CY		2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	72.76	
33 41 19 13-0003	CY		4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	69.71	
33 41 19 13-0004	CY		6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	68.50	
33 41 19 13-0005	CY		8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage .....	66.67	

**33 42 Stormwater Conveyance** (33 40)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation.

**33 42 11 Stormwater Gravity Piping** (33 42)

33 42 11 00-0001			<b>Reinforced Concrete Piping</b> <small>(33 42 11)</small> Note: Includes detectable tracer wire.		
33 42 11 00-0002			<b>Class 3 Reinforced Concrete Pipe Without Gaskets</b> <small>(33 42 11 00-0001)</small>		
33 42 11 00-0003	LF		12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	56.27	19.20
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	11.12	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	12.42	
			<i>For &gt;1,000, Deduct</i>	-2.81	
			<i>For Class 4, Add</i>	2.74	
			<i>For Class 5, Add</i>	5.77	
33 42 11 00-0004	LF		15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	67.45	21.37
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	12.85	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	14.06	
			<i>For &gt;1,000, Deduct</i>	-3.37	
			<i>For Class 4, Add</i>	3.51	
			<i>For Class 5, Add</i>	7.38	
33 42 11 00-0005	LF		18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	76.90	26.65
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	15.30	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	17.17	
			<i>For &gt;1,000, Deduct</i>	-3.85	
			<i>For Class 4, Add</i>	3.69	
			<i>For Class 5, Add</i>	7.77	
33 42 11 00-0006	LF		21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	98.49	33.62
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	19.45	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	21.73	
			<i>For &gt;1,000, Deduct</i>	-4.92	
			<i>For Class 4, Add</i>	4.79	
			<i>For Class 5, Add</i>	10.09	
33 42 11 00-0007	LF		24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	115.40	40.82
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	23.20	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	26.18	
			<i>For &gt;1,000, Deduct</i>	-5.77	
			<i>For Class 4, Add</i>	5.42	
			<i>For Class 5, Add</i>	11.42	
33 42 11 00-0008	LF		27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	145.12	51.14
			<i>For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add</i>	29.12	
			<i>Note: Materials, Add</i>		
			<i>For Lining Tunnels, Add</i>	32.82	
			<i>For &gt;1,000, Deduct</i>	-7.26	
			<i>For Class 4, Add</i>	6.85	
			<i>For Class 5, Add</i>	14.41	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0009 LF 30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	154.27	52.81
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	30.69	
Note: Materials, Add		
For Lining Tunnels, Add	34.43	
For >1,000, Deduct	-7.71	
For Class 4, Add	7.41	
For Class 5, Add	15.59	
33 42 11 00-0010 LF 36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	190.56	60.01
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	36.02	
Note: Materials, Add		
For Lining Tunnels, Add	39.22	
For >1,000, Deduct	-9.53	
For Class 4, Add	10.04	
For Class 5, Add	21.14	
33 42 11 00-0011 LF 42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	246.33	66.01
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	43.31	
Note: Materials, Add		
For Lining Tunnels, Add	44.99	
For >1,000, Deduct	-12.32	
For Class 4, Add	14.53	
For Class 5, Add	30.59	
33 42 11 00-0012 LF 48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	294.74	73.50
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	50.47	
Note: Materials, Add		
For Lining Tunnels, Add	51.49	
For >1,000, Deduct	-14.74	
For Class 4, Add	18.03	
For Class 5, Add	37.95	
33 42 11 00-0013 LF 54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	366.37	84.00
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	60.64	
Note: Materials, Add		
For Lining Tunnels, Add	60.32	
For >1,000, Deduct	-18.32	
For Class 4, Add	23.40	
For Class 5, Add	49.27	
33 42 11 00-0014 LF 60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	442.20	97.44
For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	72.06	
Note: Materials, Add		
For Lining Tunnels, Add	70.83	
For >1,000, Deduct	-22.11	
For Class 4, Add	28.78	
For Class 5, Add	60.60	
<b>33 42 11 00-0015 Concrete Reducing Wye Without Gaskets (33 42 11 00-0001)</b>		
33 42 11 00-0016 EA 12" Concrete Reducing Wye Without Gaskets.....	674.61	73.17
33 42 11 00-0017 EA 15" Concrete Reducing Wye Without Gaskets.....	809.11	89.17
33 42 11 00-0018 EA 18" Concrete Reducing Wye Without Gaskets.....	999.01	98.32
33 42 11 00-0019 EA 21" Concrete Reducing Wye Without Gaskets.....	1,147.13	121.19
33 42 11 00-0020 EA 24" Concrete Reducing Wye Without Gaskets.....	1,297.04	146.34
<b>33 42 11 00-0021 Concrete Pipe Joint Gaskets (33 42 11 00-0001)</b>		
33 42 11 00-0022 EA 12" Diameter Concrete Pipe Joint Gasket.....	6.39	
33 42 11 00-0023 EA 15" Diameter Concrete Pipe Joint Gasket.....	7.56	
33 42 11 00-0024 EA 18" Diameter Concrete Pipe Joint Gasket.....	8.76	
33 42 11 00-0025 EA 21" Diameter Concrete Pipe Joint Gasket.....	10.59	
33 42 11 00-0026 EA 24" Diameter Concrete Pipe Joint Gasket.....	12.41	
33 42 11 00-0027 EA 27" Diameter Concrete Pipe Joint Gasket.....	13.83	
33 42 11 00-0028 EA 30" Diameter Concrete Pipe Joint Gasket.....	15.19	
33 42 11 00-0029 EA 36" Diameter Concrete Pipe Joint Gasket.....	18.56	
33 42 11 00-0030 EA 42" Diameter Concrete Pipe Joint Gasket.....	21.52	
33 42 11 00-0031 EA 48" Diameter Concrete Pipe Joint Gasket.....	24.82	
33 42 11 00-0032 EA 54" Diameter Concrete Pipe Joint Gasket.....	30.42	
33 42 11 00-0033 EA 60" Diameter Concrete Pipe Joint Gasket.....	45.03	
<b>33 42 11 00-0034 Precast Concrete Cut Off Wall (33 42 11 00-0001)</b>		
33 42 11 00-0035 EA 12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	306.54	211.22
33 42 11 00-0036 EA 15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	378.10	261.61
33 42 11 00-0037 EA 18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	468.87	331.22
33 42 11 00-0038 EA 21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	554.83	396.02
33 42 11 00-0039 EA 24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	638.28	458.31
33 42 11 00-0040 EA 27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	786.77	585.64
33 42 11 00-0041 EA 30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,028.94	806.46
33 42 11 00-0042 EA 36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,282.67	1,017.67
33 42 11 00-0043 EA 42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,583.77	1,276.64
33 42 11 00-0044 EA 48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,772.52	1,438.89
33 42 11 00-0045 EA 54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,978.95	1,612.91
33 42 11 00-0046 EA 60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	2,188.27	1,791.72
33 42 11 00-0047 EA 66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	2,273.83	1,860.13
33 42 11 00-0048 EA 72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	2,349.09	1,920.13
33 42 11 00-0049 EA 78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	2,424.34	1,980.13



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0050	EA		84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall .....	2,501.49	2,040.13
<b>33 42 11 00-0051</b>			<b>Strap Assembly</b> <small>(33 42 11 00-0001)</small>		
			Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0052	EA		Up To 24" Diameter Pipe, 12' Strap Assembly .....	259.34	
33 42 11 00-0053	EA		>24" Diameter Pipe, 12' Strap Assembly .....	366.23	
<b>33 42 11 00-0054</b>			<b>Prestressed Concrete Cylinder Piping</b> <small>(33 42 11)</small>		
			Note: Includes detectable tracer wire.		
<b>33 42 11 00-0055</b>			<b>150 PSI Prestressed Concrete Cylinder Pipe And Fittings</b> <small>(33 42 11 00-0054)</small>		
<b>33 42 11 00-0056</b>			<b>150 PSI Prestressed Concrete Cylinder Pipe With Gaskets</b> <small>(33 42 11 00-0055)</small>		
			Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0057	LF		12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	151.64	19.20
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	20.65	
			For Lining Tunnels, Add	17.19	
			For >1,000, Deduct	-7.58	
			For 100 PSI, Deduct	-31.05	
33 42 11 00-0058	LF		15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	161.92	21.37
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	22.30	
			For Lining Tunnels, Add	18.78	
			For >1,000, Deduct	-8.10	
			For 100 PSI, Deduct	-32.85	
33 42 11 00-0059	LF		18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	176.65	26.65
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	25.28	
			For Lining Tunnels, Add	22.16	
			For >1,000, Deduct	-8.83	
			For 100 PSI, Deduct	-34.65	
33 42 11 00-0060	LF		21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	193.80	33.62
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	28.98	
			For Lining Tunnels, Add	26.50	
			For >1,000, Deduct	-9.69	
			For 100 PSI, Deduct	-36.45	
33 42 11 00-0061	LF		24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	211.27	40.82
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	32.79	
			For Lining Tunnels, Add	30.97	
			For >1,000, Deduct	-10.56	
			For 100 PSI, Deduct	-38.24	
33 42 11 00-0062	LF		30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	247.59	52.81
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	40.02	
			For Lining Tunnels, Add	39.09	
			For >1,000, Deduct	-12.38	
			For 100 PSI, Deduct	-42.82	
33 42 11 00-0063	LF		36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	274.41	60.01
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	44.41	
			For Lining Tunnels, Add	43.41	
			For >1,000, Deduct	-13.72	
			For 100 PSI, Deduct	-47.39	
33 42 11 00-0064	LF		42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	318.23	66.01
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	50.50	
			For Lining Tunnels, Add	48.59	
			For >1,000, Deduct	-15.91	
			For 100 PSI, Deduct	-56.22	
33 42 11 00-0065	LF		48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	365.17	73.50
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	57.52	
			For Lining Tunnels, Add	55.01	
			For >1,000, Deduct	-18.26	
			For 100 PSI, Deduct	-65.04	
33 42 11 00-0066	LF		54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	480.49	92.90
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	74.59	
			For Lining Tunnels, Add	70.48	
			For >1,000, Deduct	-24.02	
			For 100 PSI, Deduct	-86.94	
33 42 11 00-0067	LF		60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	578.86	107.77
			For Installation In Tunnel (Includes Skids, Spacers And All Materials), Add	88.68	
			For Lining Tunnels, Add	82.83	
			For >1,000, Deduct	-28.94	
			For 100 PSI, Deduct	-106.23	
<b>33 42 11 00-0068</b>			<b>150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets</b> <small>(33 42 11 00-0055)</small>		
33 42 11 00-0069	EA		12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	526.82	180.07
33 42 11 00-0070	EA		15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	730.19	257.24
33 42 11 00-0071	EA		18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	940.90	342.98
33 42 11 00-0072	EA		21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,151.62	428.72
33 42 11 00-0073	EA		24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,400.05	532.77
33 42 11 00-0074	EA		30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,790.64	714.54
33 42 11 00-0075	EA		36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,202.74	840.05
33 42 11 00-0076	EA		42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,565.60	980.46
33 42 11 00-0077	EA		48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,890.58	1,119.68
33 42 11 00-0078	EA		54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,558.56	1,398.10
33 42 11 00-0079	EA		60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,590.49	1,858.13

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

33 42 11 00-0080	150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets <sup>(33)</sup>		
	<small>42 11 00-0055)</small>		
33 42 11 00-0081	EA 12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	493.48	180.07
33 42 11 00-0082	EA 15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	687.05	257.24
33 42 11 00-0083	EA 18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	889.91	342.98
33 42 11 00-0084	EA 21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,092.79	428.72
33 42 11 00-0085	EA 24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,333.37	532.77
33 42 11 00-0086	EA 30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,699.12	666.53
33 42 11 00-0087	EA 36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,098.15	840.05
33 42 11 00-0088	EA 42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,444.67	980.46
33 42 11 00-0089	EA 48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,760.50	1,119.68
33 42 11 00-0090	EA 54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,370.08	1,398.10
33 42 11 00-0091	EA 60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,414.41	1,858.13
33 42 11 00-0092	400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints <sup>(33 42 11 00-0054)</sup>		
33 42 11 00-0093	400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints <sup>(33 42 11 00-0092)</sup>		
	Note: AWWA C301		
33 42 11 00-0094	LF 30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	290.58	52.81
	For >1,000, Deduct	-14.53	
33 42 11 00-0095	LF 36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	353.80	60.01
	For >1,000, Deduct	-17.69	
33 42 11 00-0096	LF 42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	412.48	66.01
	For >1,000, Deduct	-20.62	
33 42 11 00-0097	400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints <sup>(33 42 11 00-0092)</sup>		
	Note: AWWA C301		
33 42 11 00-0098	LF 48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	554.48	73.45
	For >1,000, Deduct	-27.72	
33 42 11 00-0099	LF 54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	662.19	92.90
	For >1,000, Deduct	-33.11	
33 42 11 00-0100	LF 60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	763.42	107.77
	For >1,000, Deduct	-38.17	
33 42 11 00-0101	LF 66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	859.34	119.45
	For >1,000, Deduct	-42.97	
33 42 11 00-0102	LF 72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	1,040.07	130.06
	For >1,000, Deduct	-52.00	
33 42 11 00-0103	Welded Joints For Prestressed Concrete Cylinder Pipe <sup>(33 42 11 00-0092)</sup>		
	Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 42 11 00-0104	EA 30" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,694.57	
33 42 11 00-0105	EA 36" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,894.17	
33 42 11 00-0106	EA 42" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,993.97	
33 42 11 00-0107	EA 48" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,393.17	
33 42 11 00-0108	EA 54" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,492.97	
33 42 11 00-0109	EA 60" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,692.57	
33 42 11 00-0110	EA 66" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,792.36	
33 42 11 00-0111	EA 72" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,892.16	
33 42 11 00-0112	EA 30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,989.95	
33 42 11 00-0113	EA 36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,989.95	
33 42 11 00-0114	EA 42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,688.55	
33 42 11 00-0115	EA 48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,688.55	
33 42 11 00-0116	EA 54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	6,087.74	
33 42 11 00-0117	EA 60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	6,087.74	
33 42 11 00-0118	EA 66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	6,586.74	
33 42 11 00-0119	EA 72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	6,586.74	
33 42 11 00-0120	Quick Test Joints <sup>(33 42 11 00-0092)</sup>		
33 42 11 00-0121	EA 30" Quick Test Joint.....	638.28	
33 42 11 00-0122	EA 36" Quick Test Joint.....	644.28	
33 42 11 00-0123	EA 42" Quick Test Joint.....	650.28	
33 42 11 00-0124	EA 48" Quick Test Joint.....	663.76	
33 42 11 00-0125	EA 54" Quick Test Joint.....	692.41	
33 42 11 00-0126	EA 60" Quick Test Joint.....	718.13	
33 42 11 00-0127	EA 66" Quick Test Joint.....	756.28	
33 42 11 00-0128	EA 72" Quick Test Joint.....	794.42	
33 42 11 00-0129	Harnessed Joints <sup>(33 42 11 00-0092)</sup>		
33 42 11 00-0130	Harness Clamp Restrained Joints <sup>(33 42 11 00-0129)</sup>		
33 42 11 00-0131	EA 30" Harness Clamp Restrained Joint.....	9,276.85	
33 42 11 00-0132	EA 36" Harness Clamp Restrained Joint.....	9,635.96	





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0133	EA		42" Harness Clamp Restrained Joint.....	9,995.07	
33 42 11 00-0134	EA		48" Harness Clamp Restrained Joint.....	10,354.19	
33 42 11 00-0135	EA		54" Harness Clamp Restrained Joint.....	10,726.01	
33 42 11 00-0136	EA		60" Harness Clamp Restrained Joint.....	11,268.96	
33 42 11 00-0137	EA		66" Harness Clamp Restrained Joint.....	11,635.34	
33 42 11 00-0138	EA		72" Harness Clamp Restrained Joint.....	12,460.76	
<b>33 42 11 00-0139</b>			<b>Snap Ring Restrained Joints</b> (33 42 11 00-0129)		
33 42 11 00-0140	EA		30" Snap Ring Restrained Joint.....	1,508.44	
33 42 11 00-0141	EA		36" Snap Ring Restrained Joint.....	1,726.30	
33 42 11 00-0142	EA		42" Snap Ring Restrained Joint.....	2,332.59	
33 42 11 00-0143	EA		48" Snap Ring Restrained Joint.....	2,656.40	
33 42 11 00-0144	EA		54" Snap Ring Restrained Joint.....	2,992.91	
33 42 11 00-0145	EA		60" Snap Ring Restrained Joint.....	3,394.61	
33 42 11 00-0146	EA		66" Snap Ring Restrained Joint.....	3,760.99	
33 42 11 00-0147	EA		72" Snap Ring Restrained Joint.....	4,197.99	
<b>33 42 11 00-0148</b>			<b>Pipe Repairs</b> (33 42 11 00-0092)		
			Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJDI sleeve, 20' pipe.		
<b>33 42 11 00-0149</b>			<b>Lined Cylinder Pipe Repair</b> (33 42 11 00-0148)		
33 42 11 00-0150	EA		30" Lined Cylinder Pipe Repair.....	6,869.21	
33 42 11 00-0151	EA		36" Lined Cylinder Pipe Repair.....	8,506.55	
33 42 11 00-0152	EA		42" Lined Cylinder Pipe Repair.....	11,175.34	
<b>33 42 11 00-0153</b>			<b>Embedded Cylinder Pipe Repair</b> (33 42 11 00-0148)		
			Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0154	EA		48" Embedded Cylinder Pipe Repair.....	16,627.03	
33 42 11 00-0155	EA		54" Embedded Cylinder Pipe Repair.....	19,306.77	
33 42 11 00-0156	EA		60" Embedded Cylinder Pipe Repair.....	22,006.56	
33 42 11 00-0157	EA		66" Embedded Cylinder Pipe Repair.....	24,862.82	
33 42 11 00-0158	EA		72" Embedded Cylinder Pipe Repair.....	29,893.59	
<b>33 42 11 00-0159</b>			<b>High-Density Polyethylene (HDPE) Drainage Piping</b> (33 42 11)		
			Note: Includes detectable tracer wire.		
<b>33 42 11 00-0160</b>			<b>Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping</b> (33 42 11 00-0159)		
			Note: Excludes couplings and gaskets.		
<b>33 42 11 00-0161</b>			<b>Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping</b> (33 42 11 00-0160)		
33 42 11 00-0162	LF		4" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	17.62	7.76
			For <100, Add	3.10	
			For >1,000, Deduct	-1.66	
33 42 11 00-0163	LF		6" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	23.42	9.02
			For <100, Add	3.61	
			For >1,000, Deduct	-2.07	
33 42 11 00-0164	LF		8" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	29.02	10.49
			For <100, Add	4.20	
			For >1,000, Deduct	-2.50	
33 42 11 00-0165	LF		10" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	33.31	10.86
			For <100, Add	4.34	
			For >1,000, Deduct	-2.75	
33 42 11 00-0166	LF		12" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	35.08	11.24
			For <100, Add	4.50	
			For >1,000, Deduct	-2.88	
33 42 11 00-0167	LF		15" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	40.17	11.63
			For <100, Add	4.66	
			For >1,000, Deduct	-3.17	
33 42 11 00-0168	LF		18" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	49.32	12.07
			For <100, Add	4.83	
			For >1,000, Deduct	-3.67	
33 42 11 00-0169	LF		24" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	68.39	14.13
			For <100, Add	5.65	
			For >1,000, Deduct	-4.83	
33 42 11 00-0170	LF		30" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	97.32	19.02
			For <100, Add	7.61	
			For >1,000, Deduct	-6.77	
33 42 11 00-0171	LF		36" Coupled, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	128.21	24.05
			For <100, Add	9.62	
			For >1,000, Deduct	-8.82	
<b>33 42 11 00-0172</b>			<b>Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping</b> (33 42 11 00-0160)		

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0173	LF		12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	34.86	11.24
			<i>For &lt;100, Add</i>	4.50	
			<i>For &gt;1,000, Deduct</i>	-2.87	
33 42 11 00-0174	LF		15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	41.06	11.63
			<i>For &lt;100, Add</i>	4.66	
			<i>For &gt;1,000, Deduct</i>	-3.22	
33 42 11 00-0175	LF		18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	50.65	12.07
			<i>For &lt;100, Add</i>	4.83	
			<i>For &gt;1,000, Deduct</i>	-3.74	
33 42 11 00-0176	LF		24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	70.50	14.13
			<i>For &lt;100, Add</i>	5.65	
			<i>For &gt;1,000, Deduct</i>	-4.94	
33 42 11 00-0177	LF		30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	103.10	19.02
			<i>For &lt;100, Add</i>	7.61	
			<i>For &gt;1,000, Deduct</i>	-7.06	
33 42 11 00-0178	LF		36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	132.51	24.05
			<i>For &lt;100, Add</i>	9.62	
			<i>For &gt;1,000, Deduct</i>	-9.03	
33 42 11 00-0179	LF		42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	174.33	26.23
			<i>For &lt;100, Add</i>	10.49	
			<i>For &gt;1,000, Deduct</i>	-11.34	
33 42 11 00-0180	LF		48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	189.79	29.60
			<i>For &lt;100, Add</i>	11.84	
			<i>For &gt;1,000, Deduct</i>	-12.45	
33 42 11 00-0181			<b>Perforated, Corrugated High-Density Polyethylene (HDPE) Piping</b> <small>(33 42 11 00-0159)</small>		
			Note: Excludes couplings and gaskets.		
33 42 11 00-0182			<b>Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping</b> <small>(33 42 11 00-0181)</small>		
33 42 11 00-0183	LF		4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	18.73	7.76
			<i>For &lt;100, Add</i>	3.10	
			<i>For &gt;1,000, Deduct</i>	-1.71	
33 42 11 00-0184	LF		6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	23.46	9.02
			<i>For &lt;100, Add</i>	3.61	
			<i>For &gt;1,000, Deduct</i>	-2.08	
33 42 11 00-0185	LF		8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	29.02	10.49
			<i>For &lt;100, Add</i>	4.20	
			<i>For &gt;1,000, Deduct</i>	-2.50	
33 42 11 00-0186	LF		10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	33.35	10.86
			<i>For &lt;100, Add</i>	4.34	
			<i>For &gt;1,000, Deduct</i>	-2.75	
33 42 11 00-0187	LF		12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	35.08	11.24
			<i>For &lt;100, Add</i>	4.50	
			<i>For &gt;1,000, Deduct</i>	-2.88	
33 42 11 00-0188	LF		15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	40.21	11.63
			<i>For &lt;100, Add</i>	4.66	
			<i>For &gt;1,000, Deduct</i>	-3.17	
33 42 11 00-0189	LF		18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	49.36	12.07
			<i>For &lt;100, Add</i>	4.83	
			<i>For &gt;1,000, Deduct</i>	-3.67	
33 42 11 00-0190	LF		24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	68.39	14.13
			<i>For &lt;100, Add</i>	5.65	
			<i>For &gt;1,000, Deduct</i>	-4.83	
33 42 11 00-0191	LF		30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	97.69	19.02
			<i>For &lt;100, Add</i>	7.61	
			<i>For &gt;1,000, Deduct</i>	-6.79	
33 42 11 00-0192	LF		36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	128.21	24.05
			<i>For &lt;100, Add</i>	9.62	
			<i>For &gt;1,000, Deduct</i>	-8.82	
33 42 11 00-0193			<b>Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Piping</b> <small>(33 42 11 00-0181)</small>		
33 42 11 00-0194	LF		12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	34.90	11.24
			<i>For &lt;100, Add</i>	4.50	
			<i>For &gt;1,000, Deduct</i>	-2.87	
33 42 11 00-0195	LF		15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	41.10	11.63
			<i>For &lt;100, Add</i>	4.66	
			<i>For &gt;1,000, Deduct</i>	-3.22	
33 42 11 00-0196	LF		18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	50.69	12.07
			<i>For &lt;100, Add</i>	4.83	
			<i>For &gt;1,000, Deduct</i>	-3.74	
33 42 11 00-0197	LF		24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	70.50	14.13
			<i>For &lt;100, Add</i>	5.65	
			<i>For &gt;1,000, Deduct</i>	-4.94	
33 42 11 00-0198	LF		30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe .....	103.10	19.02
			<i>For &lt;100, Add</i>	7.61	
			<i>For &gt;1,000, Deduct</i>	-7.06	



	<b>Utilities</b>	<b>33</b>
	Stormwater Utilities	33 40
	Stormwater Conveyance	33 42

CS

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0199	LF		36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	132.51	24.05
			For <100, Add	9.62	
			For >1,000, Deduct	-9.03	
33 42 11 00-0200	LF		42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	174.33	26.23
			For <100, Add	10.49	
			For >1,000, Deduct	-11.34	
33 42 11 00-0201	LF		48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe.....	189.79	29.60
			For <100, Add	11.84	
			For >1,000, Deduct	-12.45	
<b>33 42 11 00-0202</b>			<b>Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings (33 42 11 00-0159)</b>		
			Note: Excludes couplings and gaskets.		
<b>33 42 11 00-0203</b>			<b>Tees, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) (33 42 11 00-0202)</b>		
33 42 11 00-0204	EA		4" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	76.71	26.26
33 42 11 00-0205	EA		6" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	97.08	30.64
33 42 11 00-0206	EA		8" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	160.32	37.21
33 42 11 00-0207	EA		10" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	247.69	45.96
33 42 11 00-0208	EA		12" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	396.00	54.72
33 42 11 00-0209	EA		15" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	560.58	71.50
33 42 11 00-0210	EA		18" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	808.09	96.29
33 42 11 00-0211	EA		24" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,039.75	109.92
33 42 11 00-0212	EA		30" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,835.46	126.94
33 42 11 00-0213	EA		36" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	2,362.10	146.63
33 42 11 00-0214	EA		42" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	3,952.44	175.08
33 42 11 00-0215	EA		48" Tee, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	4,964.42	207.92
<b>33 42 11 00-0216</b>			<b>Wyes, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) (33 42 11 00-0202)</b>		
33 42 11 00-0217	EA		4" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	115.98	26.26
33 42 11 00-0218	EA		6" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	140.18	30.64
33 42 11 00-0219	EA		8" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	187.53	37.21
33 42 11 00-0220	EA		10" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	277.68	45.96
33 42 11 00-0221	EA		12" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	492.50	54.72
33 42 11 00-0222	EA		15" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	530.98	71.50
33 42 11 00-0223	EA		18" Wye, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	750.50	96.29
<b>33 42 11 00-0224</b>			<b>22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) (33 42 11 00-0202)</b>		
33 42 11 00-0225	EA		4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	46.22	17.51
33 42 11 00-0226	EA		6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	57.37	20.43
33 42 11 00-0227	EA		8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	85.10	24.81
33 42 11 00-0228	EA		10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	107.27	30.64
33 42 11 00-0229	EA		12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	157.88	36.48
33 42 11 00-0230	EA		15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	252.50	46.69
33 42 11 00-0231	EA		18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	333.99	64.20
33 42 11 00-0232	EA		24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	647.62	72.95
33 42 11 00-0233	EA		30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	904.58	84.62
33 42 11 00-0234	EA		36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,060.44	97.76
33 42 11 00-0235	EA		42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,357.51	116.72
33 42 11 00-0236	EA		48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,840.60	138.60
<b>33 42 11 00-0237</b>			<b>45 Degree Bends, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE) (33 42 11 00-0202)</b>		
33 42 11 00-0238	EA		4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	50.51	17.51
33 42 11 00-0239	EA		6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	66.32	20.43
33 42 11 00-0240	EA		8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	89.67	24.81
33 42 11 00-0241	EA		10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	144.45	30.64
33 42 11 00-0242	EA		12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	157.88	36.48
33 42 11 00-0243	EA		15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	251.76	46.69
33 42 11 00-0244	EA		18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	393.95	64.20
33 42 11 00-0245	EA		24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	693.94	72.95
33 42 11 00-0246	EA		30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	906.78	84.62
33 42 11 00-0247	EA		36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,160.27	97.76
33 42 11 00-0248	EA		42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	1,742.81	116.72
33 42 11 00-0249	EA		48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High-Density Polyethylene (HDPE).....	2,185.94	138.60
<b>33 42 11 00-0250</b>			<b>Couplings And End Caps, Corrugated High-Density Polyethylene (HDPE) Pipe Fittings (33 42 11 00-0159)</b>		
			Note: For single and double wall high-density polyethylene (HDPE) piping.		

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

<b>33 42 11 00-0251</b>	<b>Couplings, Corrugated High-Density Polyethylene (HDPE) Pipe</b> <small>(33 42 11 00-0250)</small>		
33 42 11 00-0252	EA 4" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	2.56	
33 42 11 00-0253	EA 6" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	4.60	
33 42 11 00-0254	EA 8" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	7.08	
33 42 11 00-0255	EA 10" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	8.70	
33 42 11 00-0256	EA 12" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	9.36	
33 42 11 00-0257	EA 15" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	13.33	
33 42 11 00-0258	EA 18" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	19.72	
33 42 11 00-0259	EA 24" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	31.39	
33 42 11 00-0260	EA 30" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	48.19	
33 42 11 00-0261	EA 36" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	63.06	
33 42 11 00-0262	EA 42" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	99.14	
33 42 11 00-0263	EA 48" Coupling, Corrugated High-Density Polyethylene (HDPE) Pipe .....	134.09	
<b>33 42 11 00-0264</b>	<b>Self-Adhering Gaskets, Corrugated High-Density Polyethylene (HDPE) Pipe</b> <small>(33 42 11 00-0250)</small>		
33 42 11 00-0265	EA 4" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	135.77	
33 42 11 00-0266	EA 6" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	142.16	
33 42 11 00-0267	EA 8" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	148.85	
33 42 11 00-0268	EA 10" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	155.84	
33 42 11 00-0269	EA 12" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	184.84	
33 42 11 00-0270	EA 15" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	190.85	
33 42 11 00-0271	EA 18" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	199.05	
33 42 11 00-0272	EA 24" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	226.73	
33 42 11 00-0273	EA 30" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	363.46	
33 42 11 00-0274	EA 36" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	398.10	
33 42 11 00-0275	EA 42" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	433.77	
33 42 11 00-0276	EA 48" Self-Adhering Gasket, Corrugated High-Density Polyethylene (HDPE) Pipe .....	526.82	
<b>33 42 11 00-0277</b>	<b>End Caps, Corrugated High-Density Polyethylene (HDPE) Pipe</b> <small>(33 42 11 00-0250)</small>		
33 42 11 00-0278	EA 6" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	36.20	
33 42 11 00-0279	EA 8" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	42.29	
33 42 11 00-0280	EA 10" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	67.28	
33 42 11 00-0281	EA 12" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	113.01	
33 42 11 00-0282	EA 15" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	131.27	
33 42 11 00-0283	EA 18" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	176.73	
33 42 11 00-0284	EA 24" End Cap For Corrugated High-Density Polyethylene (HDPE) Pipe .....	183.45	
<b>33 42 11 00-0285</b>	<b>Vitrified Clay Piping</b> <small>(33 42 11)</small>		
<b>33 42 11 00-0286</b>	<b>Extra Strength Vitrified Clay Piping</b> <small>(33 42 11 00-0285)</small>		
<b>33 42 11 00-0287</b>	<b>Plain Joint, Extra Strength, Vitrified Clay Piping</b> <small>(33 42 11 00-0286)</small>		
	Note: ASTM C700.		
33 42 11 00-0288	LF 4" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	22.82	
	For 3' Lengths, Add	1.93	
	For 2' Lengths, Add	2.57	
	For Standard Strength, Deduct	-0.64	
	For >1,000, Deduct	-1.14	
33 42 11 00-0289	LF 6" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	37.93	
	For 3' Lengths, Add	2.99	
	For 2' Lengths, Add	3.99	
	For Standard Strength, Deduct	-1.00	
	For >1,000, Deduct	-1.90	
33 42 11 00-0290	LF 8" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	45.32	
	For 3' Lengths, Add	4.28	
	For 2' Lengths, Add	5.71	
	For Standard Strength, Deduct	-1.43	
	For >1,000, Deduct	-2.27	
33 42 11 00-0291	LF 10" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	54.19	
	For 3' Lengths, Add	6.56	
	For 2' Lengths, Add	8.74	
	For Standard Strength, Deduct	-2.19	
	For >1,000, Deduct	-2.71	
33 42 11 00-0292	LF 12" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	66.13	
	For 3' Lengths, Add	9.26	
	For 2' Lengths, Add	12.34	
	For Standard Strength, Deduct	-3.09	
	For >1,000, Deduct	-3.31	
33 42 11 00-0293	LF 15" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	97.09	
	For 3' Lengths, Add	17.35	
	For 2' Lengths, Add	23.14	
	For Standard Strength, Deduct	-5.78	
	For >1,000, Deduct	-4.85	
33 42 11 00-0294	LF 18" Plain Joint, Extra Strength, Vitrified Clay Pipe .....	131.86	
	For 3' Lengths, Add	24.87	
	For 2' Lengths, Add	33.16	
	For Standard Strength, Deduct	-8.29	
	For >1,000, Deduct	-6.59	



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Stormwater Conveyance	33 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0295	LF		21" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	194.55	
			<i>For 3' Lengths, Add</i>	39.84	
			<i>For 2' Lengths, Add</i>	53.12	
			<i>For Standard Strength, Deduct</i>	-13.28	
			<i>For &gt;1,000, Deduct</i>	-9.73	
33 42 11 00-0296	LF		24" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	248.49	
			<i>For 3' Lengths, Add</i>	52.05	
			<i>For 2' Lengths, Add</i>	69.40	
			<i>For Standard Strength, Deduct</i>	-17.35	
			<i>For &gt;1,000, Deduct</i>	-12.42	
33 42 11 00-0297	LF		30" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	307.39	
			<i>For 3' Lengths, Add</i>	64.91	
			<i>For 2' Lengths, Add</i>	86.54	
			<i>For Standard Strength, Deduct</i>	-21.64	
			<i>For &gt;1,000, Deduct</i>	-15.37	
33 42 11 00-0298	LF		36" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	371.89	
			<i>For 3' Lengths, Add</i>	78.40	
			<i>For 2' Lengths, Add</i>	104.54	
			<i>For Standard Strength, Deduct</i>	-26.13	
			<i>For &gt;1,000, Deduct</i>	-18.59	
<b>33 42 11 00-0299</b>			<b>Compression Joint, Extra Strength, Vitrified Clay Piping</b> <small>(33 42 11 00-0286)</small>		
			Note: ASTM C425.		
33 42 11 00-0300	LF		4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	32.42	
			<i>For 3' Lengths, Add</i>	2.27	
			<i>For 2' Lengths, Add</i>	3.03	
			<i>For Standard Strength, Deduct</i>	-0.76	
			<i>For &gt;1,000, Deduct</i>	-1.62	
33 42 11 00-0301	LF		6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	40.33	
			<i>For 3' Lengths, Add</i>	3.71	
			<i>For 2' Lengths, Add</i>	4.95	
			<i>For Standard Strength, Deduct</i>	-1.24	
			<i>For &gt;1,000, Deduct</i>	-2.02	
33 42 11 00-0302	LF		8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	48.53	
			<i>For 3' Lengths, Add</i>	5.24	
			<i>For 2' Lengths, Add</i>	6.99	
			<i>For Standard Strength, Deduct</i>	-1.75	
			<i>For &gt;1,000, Deduct</i>	-2.43	
33 42 11 00-0303	LF		10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	61.04	
			<i>For 3' Lengths, Add</i>	8.61	
			<i>For 2' Lengths, Add</i>	11.48	
			<i>For Standard Strength, Deduct</i>	-2.87	
			<i>For &gt;1,000, Deduct</i>	-3.05	
33 42 11 00-0304	LF		12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	72.98	
			<i>For 3' Lengths, Add</i>	11.31	
			<i>For 2' Lengths, Add</i>	15.08	
			<i>For Standard Strength, Deduct</i>	-3.77	
			<i>For &gt;1,000, Deduct</i>	-3.65	
33 42 11 00-0305	LF		15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	108.01	
			<i>For 3' Lengths, Add</i>	20.63	
			<i>For 2' Lengths, Add</i>	27.50	
			<i>For Standard Strength, Deduct</i>	-6.88	
			<i>For &gt;1,000, Deduct</i>	-5.40	
33 42 11 00-0306	LF		18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	149.64	
			<i>For 3' Lengths, Add</i>	30.20	
			<i>For 2' Lengths, Add</i>	40.27	
			<i>For Standard Strength, Deduct</i>	-10.07	
			<i>For &gt;1,000, Deduct</i>	-7.48	
33 42 11 00-0307	LF		21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	214.90	
			<i>For 3' Lengths, Add</i>	45.95	
			<i>For 2' Lengths, Add</i>	61.26	
			<i>For Standard Strength, Deduct</i>	-15.32	
			<i>For &gt;1,000, Deduct</i>	-10.75	
33 42 11 00-0308	LF		24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	280.62	
			<i>For 3' Lengths, Add</i>	61.69	
			<i>For 2' Lengths, Add</i>	82.26	
			<i>For Standard Strength, Deduct</i>	-20.56	
			<i>For &gt;1,000, Deduct</i>	-14.03	
33 42 11 00-0309	LF		30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	448.77	
			<i>For 3' Lengths, Add</i>	107.32	
			<i>For 2' Lengths, Add</i>	143.09	
			<i>For Standard Strength, Deduct</i>	-35.77	
			<i>For &gt;1,000, Deduct</i>	-22.44	
33 42 11 00-0310	LF		36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	637.51	
			<i>For 3' Lengths, Add</i>	158.09	
			<i>For 2' Lengths, Add</i>	210.78	
			<i>For Standard Strength, Deduct</i>	-52.70	
			<i>For &gt;1,000, Deduct</i>	-31.88	
33 42 11 00-0311			Extra Strength, Vitrified Clay Pipe Fittings <small>(33 42 11 00-0285)</small>		
33 42 11 00-0312			1/8 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0311)</small>		
33 42 11 00-0313			Plain End 1/8 Bend, Extra Strength, Vitrified Clay <small>(33 42 11 00-0312)</small>		



**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

33 42 11 00-0314	EA	4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	95.05	
33 42 11 00-0315	EA	6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	128.19	
33 42 11 00-0316	EA	8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	182.86	
33 42 11 00-0317	EA	10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	250.80	
33 42 11 00-0318	EA	12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	331.04	
33 42 11 00-0319	EA	15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	788.24	
33 42 11 00-0320	EA	18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	1,111.42	
33 42 11 00-0321	EA	21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	1,733.33	
33 42 11 00-0322	EA	24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	2,000.71	
33 42 11 00-0323	EA	30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	2,323.65	
33 42 11 00-0324	EA	36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay .....	3,484.01	

**33 42 11 00-0325 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay** (33 42 11 00-0312)

33 42 11 00-0326	EA	4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	107.53	
33 42 11 00-0327	EA	6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	152.60	
33 42 11 00-0328	EA	8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	206.42	
33 42 11 00-0329	EA	10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	276.07	
33 42 11 00-0330	EA	12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	350.12	
33 42 11 00-0331	EA	15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	884.41	
33 42 11 00-0332	EA	18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	1,286.12	
33 42 11 00-0333	EA	21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	1,322.95	
33 42 11 00-0334	EA	24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	2,561.84	
33 42 11 00-0335	EA	30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	2,853.76	
33 42 11 00-0336	EA	36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay .....	4,235.71	

**33 42 11 00-0337 1/4 Bends, Extra Strength, Vitrified Clay** (33 42 11 00-0311)**33 42 11 00-0338 Plain End 1/4 Bends, Extra Strength, Vitrified Clay** (33 42 11 00-0337)

33 42 11 00-0339	EA	4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	111.44	
33 42 11 00-0340	EA	6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	147.93	
33 42 11 00-0341	EA	8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	205.96	
33 42 11 00-0342	EA	10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	275.85	
33 42 11 00-0343	EA	12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	359.28	
33 42 11 00-0344	EA	15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	819.64	
33 42 11 00-0345	EA	18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	1,150.59	
33 42 11 00-0346	EA	21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	1,782.73	
33 42 11 00-0347	EA	24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	2,060.70	
33 42 11 00-0348	EA	30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	2,398.44	
33 42 11 00-0349	EA	36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay .....	3,567.16	

**33 42 11 00-0350 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay** (33 42 11 00-0337)

33 42 11 00-0351	EA	4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	127.20	
33 42 11 00-0352	EA	6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	176.29	
33 42 11 00-0353	EA	8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	234.14	
33 42 11 00-0354	EA	10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	306.12	
33 42 11 00-0355	EA	12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	384.00	
33 42 11 00-0356	EA	15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	922.10	
33 42 11 00-0357	EA	18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	1,333.11	
33 42 11 00-0358	EA	21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	2,583.01	
33 42 11 00-0359	EA	24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	2,633.82	
33 42 11 00-0360	EA	30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	2,943.52	
33 42 11 00-0361	EA	36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay .....	4,335.49	

**33 42 11 00-0362 Wyes Or Tees, Extra Strength, Vitrified Clay** (33 42 11 00-0311)**33 42 11 00-0363 Plain End Wyes Or Tees, Extra Strength, Vitrified Clay** (33 42 11 00-0362)

33 42 11 00-0364	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	122.73	
33 42 11 00-0365	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	159.99	
33 42 11 00-0366	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	216.89	
33 42 11 00-0367	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	285.79	
33 42 11 00-0368	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	360.81	
33 42 11 00-0369	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	828.73	
33 42 11 00-0370	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	1,159.03	
33 42 11 00-0371	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	1,673.61	
33 42 11 00-0372	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	2,327.72	
33 42 11 00-0373	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	2,465.19	
33 42 11 00-0374	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay .....	3,541.98	

**33 42 11 00-0375 Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay** (33 42 11 00-0362)

33 42 11 00-0376	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	149.90	
33 42 11 00-0377	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	205.09	
33 42 11 00-0378	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	269.55	
33 42 11 00-0379	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	347.80	
33 42 11 00-0380	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	433.39	
33 42 11 00-0381	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	1,007.99	
33 42 11 00-0382	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	1,451.67	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0383	EA		21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	2,153.70	
33 42 11 00-0384	EA		24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	2,852.41	
33 42 11 00-0385	EA		30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay .....	3,300.43	
33 42 11 00-0386	EA		36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee.....	4,681.28	
<b>33 42 11 00-0387</b>			<b>Corrugated Metal Piping <small>(33 42 11)</small></b>		
<b>33 42 11 00-0388</b>			<b>Galvanized Corrugated Steel Piping <small>(33 42 11 00-0387)</small></b>		
<b>33 42 11 00-0389</b>			<b>2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0388)</small></b>		
<b>33 42 11 00-0390</b>			<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0389)</small></b>		
33 42 11 00-0391	LF		12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	46.00	12.00
			<i>For Bituminous Coated Pipe, Add</i>	5.10	
			<i>For Bituminous Coated And 25% Paved, Add</i>	10.42	
			<i>For Smooth-Flo, Add</i>	18.62	
33 42 11 00-0392	LF		15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	52.33	12.58
			<i>For Bituminous Coated Pipe, Add</i>	6.42	
			<i>For Bituminous Coated And 25% Paved, Add</i>	13.12	
			<i>For Smooth-Flo, Add</i>	23.43	
33 42 11 00-0393	LF		18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	58.89	13.72
			<i>For Bituminous Coated Pipe, Add</i>	7.77	
			<i>For Bituminous Coated And 25% Paved, Add</i>	15.90	
			<i>For Smooth-Flo, Add</i>	28.39	
33 42 11 00-0394	LF		21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	67.29	14.87
			<i>For Bituminous Coated Pipe, Add</i>	9.30	
			<i>For Bituminous Coated And 25% Paved, Add</i>	19.01	
			<i>For Smooth-Flo, Add</i>	33.95	
33 42 11 00-0395	LF		24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	74.59	16.00
			<i>For Bituminous Coated Pipe, Add</i>	10.46	
			<i>For Bituminous Coated And 25% Paved, Add</i>	21.40	
			<i>For Smooth-Flo, Add</i>	38.22	
33 42 11 00-0396	LF		30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	98.31	20.58
			<i>For Bituminous Coated Pipe, Add</i>	13.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	27.76	
			<i>For Smooth-Flo, Add</i>	49.58	
33 42 11 00-0397	LF		36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	126.74	26.40
			<i>For Bituminous Coated Pipe, Add</i>	17.12	
			<i>For Bituminous Coated And 25% Paved, Add</i>	35.02	
			<i>For Smooth-Flo, Add</i>	62.53	
33 42 11 00-0398	LF		42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	144.81	31.20
			<i>For Bituminous Coated Pipe, Add</i>	20.26	
			<i>For Bituminous Coated And 25% Paved, Add</i>	41.44	
			<i>For Smooth-Flo, Add</i>	74.00	
33 42 11 00-0399	LF		48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	162.68	36.00
			<i>For Bituminous Coated Pipe, Add</i>	22.69	
			<i>For Bituminous Coated And 25% Paved, Add</i>	46.41	
			<i>For Smooth-Flo, Add</i>	82.88	
<b>33 42 11 00-0400</b>			<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0389)</small></b>		
33 42 11 00-0401	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	50.55	12.00
			<i>For Bituminous Coated Pipe, Add</i>	5.17	
			<i>For Bituminous Coated And 25% Paved, Add</i>	11.99	
			<i>For Smooth-Flo, Add</i>	24.23	
33 42 11 00-0402	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	57.94	12.58
			<i>For Bituminous Coated Pipe, Add</i>	6.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	15.03	
			<i>For Smooth-Flo, Add</i>	30.39	
33 42 11 00-0403	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	65.66	13.72
			<i>For Bituminous Coated Pipe, Add</i>	7.86	
			<i>For Bituminous Coated And 25% Paved, Add</i>	18.20	
			<i>For Smooth-Flo, Add</i>	36.79	
33 42 11 00-0404	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	75.13	14.87
			<i>For Bituminous Coated Pipe, Add</i>	9.34	
			<i>For Bituminous Coated And 25% Paved, Add</i>	21.65	
			<i>For Smooth-Flo, Add</i>	43.75	
33 42 11 00-0405	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	83.69	16.00
			<i>For Bituminous Coated Pipe, Add</i>	10.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	24.49	
			<i>For Smooth-Flo, Add</i>	49.50	
33 42 11 00-0406	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	109.42	20.58
			<i>For Bituminous Coated Pipe, Add</i>	13.57	
			<i>For Bituminous Coated And 25% Paved, Add</i>	31.45	
			<i>For Smooth-Flo, Add</i>	63.57	
33 42 11 00-0407	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	140.24	26.40
			<i>For Bituminous Coated Pipe, Add</i>	17.02	
			<i>For Bituminous Coated And 25% Paved, Add</i>	39.42	
			<i>For Smooth-Flo, Add</i>	79.69	
33 42 11 00-0408	LF		42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	160.26	31.20
			<i>For Bituminous Coated Pipe, Add</i>	20.03	
			<i>For Bituminous Coated And 25% Paved, Add</i>	46.41	
			<i>For Smooth-Flo, Add</i>	93.81	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0409	LF		48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	180.35	36.00
			<i>For Bituminous Coated Pipe, Add</i>	22.51	
			<i>For Bituminous Coated And 25% Paved, Add</i>	52.15	
			<i>For Smooth-Flo, Add</i>	105.41	
33 42 11 00-0410	LF		54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	216.11	40.81
			<i>For Bituminous Coated Pipe, Add</i>	27.68	
			<i>For Bituminous Coated And 25% Paved, Add</i>	64.13	
			<i>For Smooth-Flo, Add</i>	129.64	
<b>33 42 11 00-0411</b>			<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping<sup>(33)</sup></b>		
			<small>42 11 00-0389)</small>		
33 42 11 00-0412	LF		18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	79.68	13.72
			<i>For Bituminous Coated Pipe, Add</i>	8.99	
			<i>For Bituminous Coated And 25% Paved, Add</i>	16.24	
			<i>For Smooth-Flo, Add</i>	31.22	
33 42 11 00-0413	LF		21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	91.42	14.87
			<i>For Bituminous Coated Pipe, Add</i>	10.63	
			<i>For Bituminous Coated And 25% Paved, Add</i>	19.20	
			<i>For Smooth-Flo, Add</i>	36.90	
33 42 11 00-0414	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	102.26	14.87
			<i>For Bituminous Coated Pipe, Add</i>	12.05	
			<i>For Bituminous Coated And 25% Paved, Add</i>	21.77	
			<i>For Smooth-Flo, Add</i>	41.83	
33 42 11 00-0415	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	132.38	20.58
			<i>For Bituminous Coated Pipe, Add</i>	15.33	
			<i>For Bituminous Coated And 25% Paved, Add</i>	27.68	
			<i>For Smooth-Flo, Add</i>	53.19	
33 42 11 00-0416	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	167.49	26.40
			<i>For Bituminous Coated Pipe, Add</i>	18.95	
			<i>For Bituminous Coated And 25% Paved, Add</i>	34.23	
			<i>For Smooth-Flo, Add</i>	65.78	
33 42 11 00-0417	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	191.74	31.20
			<i>For Bituminous Coated Pipe, Add</i>	22.21	
			<i>For Bituminous Coated And 25% Paved, Add</i>	40.11	
			<i>For Smooth-Flo, Add</i>	77.08	
33 42 11 00-0418	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	216.44	36.00
			<i>For Bituminous Coated Pipe, Add</i>	25.08	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.29	
			<i>For Smooth-Flo, Add</i>	87.04	
33 42 11 00-0419	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	255.96	40.81
			<i>For Bituminous Coated Pipe, Add</i>	30.07	
			<i>For Bituminous Coated And 25% Paved, Add</i>	54.31	
			<i>For Smooth-Flo, Add</i>	104.37	
33 42 11 00-0420	LF		60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	279.87	43.21
			<i>For Bituminous Coated Pipe, Add</i>	32.93	
			<i>For Bituminous Coated And 25% Paved, Add</i>	59.47	
			<i>For Smooth-Flo, Add</i>	114.29	
33 42 11 00-0421	LF		66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	339.22	52.81
			<i>For Bituminous Coated Pipe, Add</i>	40.09	
			<i>For Bituminous Coated And 25% Paved, Add</i>	72.40	
			<i>For Smooth-Flo, Add</i>	139.14	
<b>33 42 11 00-0422</b>			<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping<sup>(33)</sup></b>		
			<small>42 11 00-0389)</small>		
33 42 11 00-0423	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	192.99	26.40
			<i>For Bituminous Coated Pipe, Add</i>	24.11	
			<i>For Bituminous Coated And 25% Paved, Add</i>	40.28	
			<i>For Smooth-Flo, Add</i>	57.47	
33 42 11 00-0424	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	221.59	31.20
			<i>For Bituminous Coated Pipe, Add</i>	28.25	
			<i>For Bituminous Coated And 25% Paved, Add</i>	47.18	
			<i>For Smooth-Flo, Add</i>	67.33	
33 42 11 00-0425	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	250.31	36.00
			<i>For Bituminous Coated Pipe, Add</i>	31.92	
			<i>For Bituminous Coated And 25% Paved, Add</i>	53.33	
			<i>For Smooth-Flo, Add</i>	76.09	
33 42 11 00-0426	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	293.90	40.81
			<i>For Bituminous Coated Pipe, Add</i>	37.81	
			<i>For Bituminous Coated And 25% Paved, Add</i>	63.16	
			<i>For Smooth-Flo, Add</i>	90.12	
33 42 11 00-0427	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	322.10	43.21
			<i>For Bituminous Coated Pipe, Add</i>	41.53	
			<i>For Bituminous Coated And 25% Paved, Add</i>	69.37	
			<i>For Smooth-Flo, Add</i>	98.98	
33 42 11 00-0428	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	385.63	52.81
			<i>For Bituminous Coated Pipe, Add</i>	49.67	
			<i>For Bituminous Coated And 25% Paved, Add</i>	82.98	
			<i>For Smooth-Flo, Add</i>	118.40	
33 42 11 00-0429	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	455.77	76.80
			<i>For Bituminous Coated Pipe, Add</i>	53.33	
			<i>For Bituminous Coated And 25% Paved, Add</i>	89.09	
			<i>For Smooth-Flo, Add</i>	127.12	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0430 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0388)</small>		
33 42 11 00-0431 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0430)</small>		
33 42 11 00-0432 LF 36" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	150.13	26.40
For Bituminous Coated Pipe, Add	18.83	
For Bituminous Coated And 25% Paved, Add	42.74	
For Smooth-Flo, Add	85.09	
33 42 11 00-0433 LF 42" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	171.64	31.20
For Bituminous Coated Pipe, Add	22.11	
For Bituminous Coated And 25% Paved, Add	50.19	
For Smooth-Flo, Add	99.93	
33 42 11 00-0434 LF 48" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	192.90	36.00
For Bituminous Coated Pipe, Add	24.80	
For Bituminous Coated And 25% Paved, Add	56.29	
For Smooth-Flo, Add	112.08	
33 42 11 00-0435 LF 54" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	230.51	40.81
For Bituminous Coated Pipe, Add	30.29	
For Bituminous Coated And 25% Paved, Add	68.75	
For Smooth-Flo, Add	136.90	
33 42 11 00-0436 LF 60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	251.14	43.21
For Bituminous Coated Pipe, Add	33.00	
For Bituminous Coated And 25% Paved, Add	74.90	
For Smooth-Flo, Add	149.14	
33 42 11 00-0437 LF 66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	315.31	52.81
For Bituminous Coated Pipe, Add	42.38	
For Bituminous Coated And 25% Paved, Add	96.21	
For Smooth-Flo, Add	191.58	
33 42 11 00-0438 LF 72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	378.63	76.80
For Bituminous Coated Pipe, Add	45.18	
For Bituminous Coated And 25% Paved, Add	102.55	
For Smooth-Flo, Add	204.20	
33 42 11 00-0439 LF 78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	407.92	84.00
For Bituminous Coated Pipe, Add	47.98	
For Bituminous Coated And 25% Paved, Add	108.92	
For Smooth-Flo, Add	216.88	
33 42 11 00-0440 LF 84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	433.94	90.00
For Bituminous Coated Pipe, Add	50.79	
For Bituminous Coated And 25% Paved, Add	115.28	
For Smooth-Flo, Add	229.55	
33 42 11 00-0441 LF 90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	460.02	96.00
For Bituminous Coated Pipe, Add	53.60	
For Bituminous Coated And 25% Paved, Add	121.67	
For Smooth-Flo, Add	242.27	
33 42 11 00-0442 LF 96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	486.86	102.00
For Bituminous Coated Pipe, Add	56.39	
For Bituminous Coated And 25% Paved, Add	128.01	
For Smooth-Flo, Add	254.90	
33 42 11 00-0443 LF 102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	517.17	108.00
For Bituminous Coated Pipe, Add	59.22	
For Bituminous Coated And 25% Paved, Add	134.43	
For Smooth-Flo, Add	267.67	
33 42 11 00-0444 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0430)</small>		
33 42 11 00-0445 LF 54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	254.37	40.81
For Bituminous Coated Pipe, Add	35.06	
For Bituminous Coated And 25% Paved, Add	68.72	
For Smooth-Flo, Add	138.84	
33 42 11 00-0446 LF 60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	277.55	43.21
For Bituminous Coated Pipe, Add	38.28	
For Bituminous Coated And 25% Paved, Add	75.02	
For Smooth-Flo, Add	151.58	
33 42 11 00-0447 LF 66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	344.36	52.81
For Bituminous Coated Pipe, Add	48.19	
For Bituminous Coated And 25% Paved, Add	94.46	
For Smooth-Flo, Add	190.85	
33 42 11 00-0448 LF 72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	410.27	76.80
For Bituminous Coated Pipe, Add	51.51	
For Bituminous Coated And 25% Paved, Add	100.95	
For Smooth-Flo, Add	203.96	
33 42 11 00-0449 LF 78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	442.10	84.00
For Bituminous Coated Pipe, Add	54.82	
For Bituminous Coated And 25% Paved, Add	107.44	
For Smooth-Flo, Add	217.08	
33 42 11 00-0450 LF 84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	470.82	90.00
For Bituminous Coated Pipe, Add	58.16	
For Bituminous Coated And 25% Paved, Add	114.00	
For Smooth-Flo, Add	230.32	
33 42 11 00-0451 LF 90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	499.39	96.00
For Bituminous Coated Pipe, Add	61.47	
For Bituminous Coated And 25% Paved, Add	120.49	
For Smooth-Flo, Add	243.44	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0452	LF		96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	528.82	102.00
			<i>For Bituminous Coated Pipe, Add</i>	64.79	
			<i>For Bituminous Coated And 25% Paved, Add</i>	126.98	
			<i>For Smooth-Flo, Add</i>	256.55	
33 42 11 00-0453	LF		102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	561.67	108.00
			<i>For Bituminous Coated Pipe, Add</i>	68.12	
			<i>For Bituminous Coated And 25% Paved, Add</i>	133.52	
			<i>For Smooth-Flo, Add</i>	269.76	
33 42 11 00-0454	LF		108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	597.28	120.01
			<i>For Bituminous Coated Pipe, Add</i>	71.45	
			<i>For Bituminous Coated And 25% Paved, Add</i>	140.05	
			<i>For Smooth-Flo, Add</i>	282.96	
33 42 11 00-0455	LF		114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	632.10	132.01
			<i>For Bituminous Coated Pipe, Add</i>	74.72	
			<i>For Bituminous Coated And 25% Paved, Add</i>	146.46	
			<i>For Smooth-Flo, Add</i>	295.91	
<b>33 42 11 00-0456</b>			<b>12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0430)</small></b>		
33 42 11 00-0457	LF		60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	336.12	43.21
			<i>For Bituminous Coated Pipe, Add</i>	49.99	
			<i>For Bituminous Coated And 25% Paved, Add</i>	95.23	
			<i>For Smooth-Flo, Add</i>	155.23	
33 42 11 00-0458	LF		66" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	409.23	52.81
			<i>For Bituminous Coated Pipe, Add</i>	61.17	
			<i>For Bituminous Coated And 25% Paved, Add</i>	116.53	
			<i>For Smooth-Flo, Add</i>	189.93	
33 42 11 00-0459	LF		72" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	480.80	76.80
			<i>For Bituminous Coated Pipe, Add</i>	65.61	
			<i>For Bituminous Coated And 25% Paved, Add</i>	124.99	
			<i>For Smooth-Flo, Add</i>	203.73	
33 42 11 00-0460	LF		78" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	518.35	84.00
			<i>For Bituminous Coated Pipe, Add</i>	70.07	
			<i>For Bituminous Coated And 25% Paved, Add</i>	133.48	
			<i>For Smooth-Flo, Add</i>	217.56	
33 42 11 00-0461	LF		84" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	552.73	90.00
			<i>For Bituminous Coated Pipe, Add</i>	74.54	
			<i>For Bituminous Coated And 25% Paved, Add</i>	142.01	
			<i>For Smooth-Flo, Add</i>	231.46	
33 42 11 00-0462	LF		90" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	587.02	96.00
			<i>For Bituminous Coated Pipe, Add</i>	79.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	150.50	
			<i>For Smooth-Flo, Add</i>	245.30	
33 42 11 00-0463	LF		96" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	622.21	102.00
			<i>For Bituminous Coated Pipe, Add</i>	83.46	
			<i>For Bituminous Coated And 25% Paved, Add</i>	159.00	
			<i>For Smooth-Flo, Add</i>	259.16	
33 42 11 00-0464	LF		102" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	660.78	108.00
			<i>For Bituminous Coated Pipe, Add</i>	87.94	
			<i>For Bituminous Coated And 25% Paved, Add</i>	167.53	
			<i>For Smooth-Flo, Add</i>	273.06	
33 42 11 00-0465	LF		108" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	701.99	120.01
			<i>For Bituminous Coated Pipe, Add</i>	92.40	
			<i>For Bituminous Coated And 25% Paved, Add</i>	176.01	
			<i>For Smooth-Flo, Add</i>	286.89	
33 42 11 00-0466	LF		114" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	742.58	132.01
			<i>For Bituminous Coated Pipe, Add</i>	96.82	
			<i>For Bituminous Coated And 25% Paved, Add</i>	184.44	
			<i>For Smooth-Flo, Add</i>	300.63	
33 42 11 00-0467	LF		120" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	781.91	144.01
			<i>For Bituminous Coated Pipe, Add</i>	101.30	
			<i>For Bituminous Coated And 25% Paved, Add</i>	192.97	
			<i>For Smooth-Flo, Add</i>	314.52	
<b>33 42 11 00-0468</b>			<b>10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0430)</small></b>		
33 42 11 00-0469	LF		72" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	546.57	76.80
			<i>For Bituminous Coated Pipe, Add</i>	78.77	
			<i>For Bituminous Coated And 25% Paved, Add</i>	149.66	
			<i>For Smooth-Flo, Add</i>	200.07	
33 42 11 00-0470	LF		78" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	589.51	84.00
			<i>For Bituminous Coated Pipe, Add</i>	84.30	
			<i>For Bituminous Coated And 25% Paved, Add</i>	160.17	
			<i>For Smooth-Flo, Add</i>	214.12	
33 42 11 00-0471	LF		84" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	629.29	90.00
			<i>For Bituminous Coated Pipe, Add</i>	89.86	
			<i>For Bituminous Coated And 25% Paved, Add</i>	170.73	
			<i>For Smooth-Flo, Add</i>	228.23	
33 42 11 00-0472	LF		90" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	668.98	96.00
			<i>For Bituminous Coated Pipe, Add</i>	95.39	
			<i>For Bituminous Coated And 25% Paved, Add</i>	181.24	
			<i>For Smooth-Flo, Add</i>	242.30	





	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0473	LF		96" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	709.57 100.94 191.78 256.38	102.00
33 42 11 00-0474	LF		102" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	753.53 106.49 202.33 270.49	108.00
33 42 11 00-0475	LF		108" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	800.15 112.03 212.85 284.55	120.01
33 42 11 00-0476	LF		114" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	846.08 117.52 223.29 298.50	132.01
33 42 11 00-0477	LF		120" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	890.86 123.09 233.86 312.64	144.01
33 42 11 00-0478	LF		126" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	937.76 128.60 244.34 326.64	156.01
33 42 11 00-0479	LF		132" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	987.78 134.16 254.90 340.76	168.01
33 42 11 00-0480	LF		138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	1,041.49 139.72 265.47 354.89	180.01
33 42 11 00-0481			125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0388)		
33 42 11 00-0482			16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0481)		
33 42 11 00-0483	LF		48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	193.58 31.17 71.06 112.82	36.00
33 42 11 00-0484	LF		54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	231.83 38.19 87.07 138.25	40.81
33 42 11 00-0485	LF		60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	252.31 41.54 94.71 150.37	43.21
33 42 11 00-0486	LF		66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	312.56 52.29 119.23 189.30	52.81
33 42 11 00-0487	LF		72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	375.56 55.71 127.01 201.65	76.80
33 42 11 00-0488	LF		78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	404.43 59.11 134.76 213.96	84.00
33 42 11 00-0489	LF		84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	429.97 62.49 142.48 226.21	90.00
33 42 11 00-0490	LF		90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	455.47 65.86 150.17 238.42	96.00
33 42 11 00-0491	LF		96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	482.05 69.29 157.98 250.83	102.00
33 42 11 00-0492	LF		102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	512.25 72.80 165.97 263.52	108.00
33 42 11 00-0493			14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0481)		

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0494 LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	261.67	40.81
For Bituminous Coated Pipe, Add	36.52	
For Bituminous Coated And 25% Paved, Add	85.82	
For Smooth-Flo, Add	155.39	
33 42 11 00-0495 LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	285.48	43.21
For Bituminous Coated Pipe, Add	39.86	
For Bituminous Coated And 25% Paved, Add	93.68	
For Smooth-Flo, Add	169.62	
33 42 11 00-0496 LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	348.75	52.81
For Bituminous Coated Pipe, Add	49.07	
For Bituminous Coated And 25% Paved, Add	115.32	
For Smooth-Flo, Add	208.80	
33 42 11 00-0497 LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	414.66	76.80
For Bituminous Coated Pipe, Add	52.38	
For Bituminous Coated And 25% Paved, Add	123.10	
For Smooth-Flo, Add	222.89	
33 42 11 00-0498 LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	447.07	84.00
For Bituminous Coated Pipe, Add	55.81	
For Bituminous Coated And 25% Paved, Add	131.16	
For Smooth-Flo, Add	237.48	
33 42 11 00-0499 LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	475.95	90.00
For Bituminous Coated Pipe, Add	59.19	
For Bituminous Coated And 25% Paved, Add	139.09	
For Smooth-Flo, Add	251.84	
33 42 11 00-0500 LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	503.10	96.00
For Bituminous Coated Pipe, Add	62.22	
For Bituminous Coated And 25% Paved, Add	146.21	
For Smooth-Flo, Add	264.73	
33 42 11 00-0501 LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	534.49	102.00
For Bituminous Coated Pipe, Add	65.92	
For Bituminous Coated And 25% Paved, Add	154.91	
For Smooth-Flo, Add	280.49	
33 42 11 00-0502 LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	567.49	108.00
For Bituminous Coated Pipe, Add	69.28	
For Bituminous Coated And 25% Paved, Add	162.82	
For Smooth-Flo, Add	294.80	
33 42 11 00-0503 LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	603.10	120.01
For Bituminous Coated Pipe, Add	72.62	
For Bituminous Coated And 25% Paved, Add	170.65	
For Smooth-Flo, Add	308.99	
33 42 11 00-0504 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	638.66	132.01
For Bituminous Coated Pipe, Add	76.04	
For Bituminous Coated And 25% Paved, Add	178.68	
For Smooth-Flo, Add	323.53	
<b>33 42 11 00-0505 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel</b>		
<b>Piping</b> (33 42 11 00-0481)		
33 42 11 00-0506 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	347.60	43.21
For Bituminous Coated Pipe, Add	52.29	
For Bituminous Coated And 25% Paved, Add	99.35	
For Smooth-Flo, Add	179.35	
33 42 11 00-0507 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	417.16	52.81
For Bituminous Coated Pipe, Add	62.75	
For Bituminous Coated And 25% Paved, Add	119.23	
For Smooth-Flo, Add	215.25	
33 42 11 00-0508 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	489.58	76.80
For Bituminous Coated Pipe, Add	67.37	
For Bituminous Coated And 25% Paved, Add	128.00	
For Smooth-Flo, Add	231.07	
33 42 11 00-0509 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	527.77	84.00
For Bituminous Coated Pipe, Add	71.95	
For Bituminous Coated And 25% Paved, Add	136.71	
For Smooth-Flo, Add	246.80	
33 42 11 00-0510 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	562.47	90.00
For Bituminous Coated Pipe, Add	76.49	
For Bituminous Coated And 25% Paved, Add	145.33	
For Smooth-Flo, Add	262.37	
33 42 11 00-0511 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	597.49	96.00
For Bituminous Coated Pipe, Add	81.09	
For Bituminous Coated And 25% Paved, Add	154.08	
For Smooth-Flo, Add	278.15	
33 42 11 00-0512 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	633.22	102.00
For Bituminous Coated Pipe, Add	85.67	
For Bituminous Coated And 25% Paved, Add	162.77	
For Smooth-Flo, Add	293.83	
33 42 11 00-0513 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	672.21	108.00
For Bituminous Coated Pipe, Add	90.23	
For Bituminous Coated And 25% Paved, Add	171.43	
For Smooth-Flo, Add	309.48	
33 42 11 00-0514 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	714.16	120.01
For Bituminous Coated Pipe, Add	94.83	
For Bituminous Coated And 25% Paved, Add	180.18	
For Smooth-Flo, Add	325.27	



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Stormwater Conveyance	33 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0515	LF		114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	755.49	132.01
			<i>For Bituminous Coated Pipe, Add</i>	99.40	
			<i>For Bituminous Coated And 25% Paved, Add</i>	188.86	
			<i>For Smooth-Flo, Add</i>	340.95	
33 42 11 00-0516	LF		120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	795.30	144.01
			<i>For Bituminous Coated Pipe, Add</i>	103.97	
			<i>For Bituminous Coated And 25% Paved, Add</i>	197.55	
			<i>For Smooth-Flo, Add</i>	356.63	
<b>33 42 11 00-0517</b>			<b>10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping</b> <small>(33 42 11 00-0481)</small>		
33 42 11 00-0518	LF		72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	561.33	76.80
			<i>For Bituminous Coated Pipe, Add</i>	81.72	
			<i>For Bituminous Coated And 25% Paved, Add</i>	155.26	
			<i>For Smooth-Flo, Add</i>	243.93	
33 42 11 00-0519	LF		78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	606.18	84.00
			<i>For Bituminous Coated Pipe, Add</i>	87.63	
			<i>For Bituminous Coated And 25% Paved, Add</i>	166.50	
			<i>For Smooth-Flo, Add</i>	261.59	
33 42 11 00-0520	LF		84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	647.13	90.00
			<i>For Bituminous Coated Pipe, Add</i>	93.42	
			<i>For Bituminous Coated And 25% Paved, Add</i>	177.51	
			<i>For Smooth-Flo, Add</i>	278.87	
33 42 11 00-0521	LF		90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	687.81	96.00
			<i>For Bituminous Coated Pipe, Add</i>	99.16	
			<i>For Bituminous Coated And 25% Paved, Add</i>	188.40	
			<i>For Smooth-Flo, Add</i>	295.99	
33 42 11 00-0522	LF		96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	729.68	102.00
			<i>For Bituminous Coated Pipe, Add</i>	104.96	
			<i>For Bituminous Coated And 25% Paved, Add</i>	199.42	
			<i>For Smooth-Flo, Add</i>	313.30	
33 42 11 00-0523	LF		102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	774.59	108.00
			<i>For Bituminous Coated Pipe, Add</i>	110.70	
			<i>For Bituminous Coated And 25% Paved, Add</i>	210.34	
			<i>For Smooth-Flo, Add</i>	330.45	
33 42 11 00-0524	LF		108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	822.48	120.01
			<i>For Bituminous Coated Pipe, Add</i>	116.49	
			<i>For Bituminous Coated And 25% Paved, Add</i>	221.34	
			<i>For Smooth-Flo, Add</i>	347.73	
33 42 11 00-0525	LF		114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	869.84	132.01
			<i>For Bituminous Coated Pipe, Add</i>	122.27	
			<i>For Bituminous Coated And 25% Paved, Add</i>	232.32	
			<i>For Smooth-Flo, Add</i>	364.98	
33 42 11 00-0526	LF		120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	915.52	144.01
			<i>For Bituminous Coated Pipe, Add</i>	128.02	
			<i>For Bituminous Coated And 25% Paved, Add</i>	243.23	
			<i>For Smooth-Flo, Add</i>	382.13	
33 42 11 00-0527	LF		126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	972.79	156.01
			<i>For Bituminous Coated Pipe, Add</i>	135.61	
			<i>For Bituminous Coated And 25% Paved, Add</i>	257.65	
			<i>For Smooth-Flo, Add</i>	404.78	
33 42 11 00-0528	LF		132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	1,026.30	168.01
			<i>For Bituminous Coated Pipe, Add</i>	141.86	
			<i>For Bituminous Coated And 25% Paved, Add</i>	269.53	
			<i>For Smooth-Flo, Add</i>	423.45	
33 42 11 00-0529	LF		138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe .....	1,084.67	180.01
			<i>For Bituminous Coated Pipe, Add</i>	148.36	
			<i>For Bituminous Coated And 25% Paved, Add</i>	281.88	
			<i>For Smooth-Flo, Add</i>	442.85	
<b>33 42 11 00-0530</b>			<b>Helical Ribbed, Galvanized Corrugated Steel Piping</b> <small>(33 42 11 00-0388)</small>		
<b>33 42 11 00-0531</b>			<b>16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping</b> <small>(33 42 11 00-0530)</small>		
33 42 11 00-0532	LF		18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	67.99	13.72
			<i>For Bituminous Coated Pipe, Add</i>	9.60	
33 42 11 00-0533	LF		21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	77.98	14.87
			<i>For Bituminous Coated Pipe, Add</i>	11.44	
33 42 11 00-0534	LF		24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	87.13	16.00
			<i>For Bituminous Coated Pipe, Add</i>	12.99	
33 42 11 00-0535	LF		30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	114.08	20.58
			<i>For Bituminous Coated Pipe, Add</i>	16.74	
33 42 11 00-0536	LF		36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	146.06	26.40
			<i>For Bituminous Coated Pipe, Add</i>	20.98	
33 42 11 00-0537	LF		42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	167.30	31.20
			<i>For Bituminous Coated Pipe, Add</i>	24.74	
33 42 11 00-0538	LF		48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	188.45	36.00
			<i>For Bituminous Coated Pipe, Add</i>	27.85	
33 42 11 00-0539	LF		54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	225.48	40.81
			<i>For Bituminous Coated Pipe, Add</i>	34.11	
33 42 11 00-0540	LF		60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	246.01	43.21
			<i>For Bituminous Coated Pipe, Add</i>	37.25	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0541			<b>14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping</b> (33 42 11 00-0530)		
33 42 11 00-0542	LF	18"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	74.87	13.72
			<i>For Bituminous Coated Pipe, Add</i>	11.11	
33 42 11 00-0543	LF	21"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	86.03	14.87
			<i>For Bituminous Coated Pipe, Add</i>	13.20	
33 42 11 00-0544	LF	24"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	96.28	16.00
			<i>For Bituminous Coated Pipe, Add</i>	15.00	
33 42 11 00-0545	LF	30"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	125.45	20.58
			<i>For Bituminous Coated Pipe, Add</i>	19.23	
33 42 11 00-0546	LF	36"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	159.76	26.40
			<i>For Bituminous Coated Pipe, Add</i>	23.97	
33 42 11 00-0547	LF	42"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	183.33	31.20
			<i>For Bituminous Coated Pipe, Add</i>	28.24	
33 42 11 00-0548	LF	48"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	206.76	36.00
			<i>For Bituminous Coated Pipe, Add</i>	31.84	
33 42 11 00-0549	LF	54"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	246.06	40.81
			<i>For Bituminous Coated Pipe, Add</i>	38.57	
33 42 11 00-0550	LF	60"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	268.92	43.21
			<i>For Bituminous Coated Pipe, Add</i>	42.22	
33 42 11 00-0551	LF	66"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	330.44	52.81
			<i>For Bituminous Coated Pipe, Add</i>	52.45	
33 42 11 00-0552	LF	72"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	395.35	76.80
			<i>For Bituminous Coated Pipe, Add</i>	56.04	
33 42 11 00-0553	LF	78"	14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	426.44	84.00
			<i>For Bituminous Coated Pipe, Add</i>	59.70	
33 42 11 00-0554			<b>12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping</b> (33 42 11 00-0530)		
33 42 11 00-0555	LF	30"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	148.52	20.58
			<i>For Bituminous Coated Pipe, Add</i>	20.09	
33 42 11 00-0556	LF	36"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	187.33	26.40
			<i>For Bituminous Coated Pipe, Add</i>	24.82	
33 42 11 00-0557	LF	42"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	215.61	31.20
			<i>For Bituminous Coated Pipe, Add</i>	29.20	
33 42 11 00-0558	LF	48"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	243.59	36.00
			<i>For Bituminous Coated Pipe, Add</i>	33.01	
33 42 11 00-0559	LF	54"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	287.55	40.81
			<i>For Bituminous Coated Pipe, Add</i>	39.40	
33 42 11 00-0560	LF	60"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	315.06	43.21
			<i>For Bituminous Coated Pipe, Add</i>	43.26	
33 42 11 00-0561	LF	66"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	381.08	52.81
			<i>For Bituminous Coated Pipe, Add</i>	52.48	
33 42 11 00-0562	LF	72"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	450.53	76.80
			<i>For Bituminous Coated Pipe, Add</i>	56.28	
33 42 11 00-0563	LF	78"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	486.18	84.00
			<i>For Bituminous Coated Pipe, Add</i>	60.13	
33 42 11 00-0564	LF	84"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	518.44	90.00
			<i>For Bituminous Coated Pipe, Add</i>	63.96	
33 42 11 00-0565	LF	90"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	550.66	96.00
			<i>For Bituminous Coated Pipe, Add</i>	67.78	
33 42 11 00-0566	LF	96"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	583.75	102.00
			<i>For Bituminous Coated Pipe, Add</i>	71.60	
33 42 11 00-0567	LF	102"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	617.92	108.00
			<i>For Bituminous Coated Pipe, Add</i>	75.00	
33 42 11 00-0568			<b>1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping</b> (33 42 11 00-0388)		
33 42 11 00-0569			<b>1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping</b> (33 42 11 00-0568)		
33 42 11 00-0570	LF	6"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	23.74	6.86
			<i>For Bituminous Coated Pipe, Add</i>	2.45	
33 42 11 00-0571	LF	6"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	25.78	6.86
			<i>For Bituminous Coated Pipe, Add</i>	2.95	
33 42 11 00-0572	LF	8"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	29.88	8.57
			<i>For Bituminous Coated Pipe, Add</i>	3.25	
33 42 11 00-0573	LF	8"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	32.49	8.57
			<i>For Bituminous Coated Pipe, Add</i>	3.89	
33 42 11 00-0574	LF	10"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	37.76	10.29
			<i>For Bituminous Coated Pipe, Add</i>	4.08	
33 42 11 00-0575	LF	10"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	41.06	10.29
			<i>For Bituminous Coated Pipe, Add</i>	4.89	
33 42 11 00-0576			<b>Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping</b> (33 42 11 00-0568)		
33 42 11 00-0577	LF	6"	18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	24.02	6.86
			<i>For Bituminous Coated Pipe, Add</i>	2.42	
33 42 11 00-0578	LF	6"	16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	26.01	6.86
			<i>For Bituminous Coated Pipe, Add</i>	2.89	
33 42 11 00-0579	LF	8"	18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	30.17	8.57
			<i>For Bituminous Coated Pipe, Add</i>	3.18	
33 42 11 00-0580	LF	8"	16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe.....	32.93	8.57
			<i>For Bituminous Coated Pipe, Add</i>	3.83	



	<b>Utilities</b>	<b>33</b>
	<b>Stormwater Utilities</b>	<b>33 40</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0581 LF 10" 18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	38.25 4.03	10.29
33 42 11 00-0582 LF 10" 16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	41.63 4.82	10.29
<b>33 42 11 00-0583 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings (33 42 11 00-0583)</b>		
33 42 11 00-0584 EA 6" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	15.16 3.41	
33 42 11 00-0585 EA 8" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	20.06 4.51	
33 42 11 00-0586 EA 10" 18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	24.60 5.54	
33 42 11 00-0587 EA 6" 18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	54.67 7.54	
33 42 11 00-0588 EA 6" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	11.31 1.72	
33 42 11 00-0589 EA 8" End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	14.48 2.58	
<b>33 42 11 00-0590 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0388)</b>		
<b>33 42 11 00-0591 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0590)</b>		
33 42 11 00-0592 LF 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	76.09	12.00
33 42 11 00-0593 LF 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	90.25	12.58
33 42 11 00-0594 LF 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	104.87	13.72
33 42 11 00-0595 LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	122.24	14.87
33 42 11 00-0596 LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	136.51	16.00
33 42 11 00-0597 LF 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	178.51	20.58
33 42 11 00-0598 LF 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	228.03	26.40
33 42 11 00-0599 LF 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	264.61	31.20
33 42 11 00-0600 LF 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	296.91	36.00
<b>33 42 11 00-0601 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0590)</b>		
33 42 11 00-0602 LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	87.16	12.00
33 42 11 00-0603 LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	103.97	12.58
33 42 11 00-0604 LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	121.30	13.72
33 42 11 00-0605 LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	141.27	14.87
33 42 11 00-0606 LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	158.61	16.00
33 42 11 00-0607 LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	205.63	20.58
33 42 11 00-0608 LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	260.77	26.40
33 42 11 00-0609 LF 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	302.18	31.20
33 42 11 00-0610 LF 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	339.79	36.00
33 42 11 00-0611 LF 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	412.23	40.81
<b>33 42 11 00-0612 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0590)</b>		
33 42 11 00-0613 LF 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	155.54	13.72
33 42 11 00-0614 LF 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	181.25	14.87
33 42 11 00-0615 LF 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	204.06	16.00
33 42 11 00-0616 LF 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	262.42	20.58
33 42 11 00-0617 LF 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	314.99	26.40
33 42 11 00-0618 LF 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	381.62	31.20
33 42 11 00-0619 LF 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	430.44	36.00
33 42 11 00-0620 LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	515.67	40.81
33 42 11 00-0621 LF 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	563.52	43.21
33 42 11 00-0622 LF 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	690.54	52.81
<b>33 42 11 00-0623 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0590)</b>		
33 42 11 00-0624 LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	391.16	26.40
33 42 11 00-0625 LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	453.98	31.20
33 42 11 00-0626 LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	512.64	36.00
33 42 11 00-0627 LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	607.74	40.81
33 42 11 00-0628 LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	666.03	43.21
33 42 11 00-0629 LF 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	803.12	52.81
33 42 11 00-0630 LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	902.95	76.80
<b>33 42 11 00-0631 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0388)</b>		
<b>33 42 11 00-0632 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0631)</b>		
33 42 11 00-0633 LF 36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	290.89	26.40
33 42 11 00-0634 LF 42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	337.09	31.20
33 42 11 00-0635 LF 48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	378.18	36.00
33 42 11 00-0636 LF 54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	458.45	40.81
33 42 11 00-0637 LF 60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	499.16	43.21



**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 11 00-0638	LF	66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	636.66	52.81
	33 42 11 00-0639	LF	72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	720.72	76.80
	33 42 11 00-0640	LF	78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	770.69	84.00
	33 42 11 00-0641	LF	84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	817.50	90.00
	33 42 11 00-0642	LF	90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	864.37	96.00
	33 42 11 00-0643	LF	96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	911.93	102.00
	33 42 11 00-0644	LF	102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	963.11	108.00
<b>33 42 11 00-0645</b>	<b>14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0631)</b>				
	33 42 11 00-0646	LF	54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	517.64	40.81
	33 42 11 00-0647	LF	60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	564.59	43.21
	33 42 11 00-0648	LF	66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	708.73	52.81
	33 42 11 00-0649	LF	72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	799.11	76.80
	33 42 11 00-0650	LF	78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	855.48	84.00
	33 42 11 00-0651	LF	84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	908.93	90.00
	33 42 11 00-0652	LF	90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	962.02	96.00
	33 42 11 00-0653	LF	96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,015.94	102.00
	33 42 11 00-0654	LF	102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,073.57	108.00
	33 42 11 00-0655	LF	108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,133.80	120.01
	33 42 11 00-0656	LF	114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,192.79	132.01
<b>33 42 11 00-0657</b>	<b>12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0631)</b>				
	33 42 11 00-0658	LF	60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	713.46	43.21
	33 42 11 00-0659	LF	66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	874.34	52.81
	33 42 11 00-0660	LF	72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	979.07	76.80
	33 42 11 00-0661	LF	78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,049.87	84.00
	33 42 11 00-0662	LF	84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,117.68	90.00
	33 42 11 00-0663	LF	90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,185.22	96.00
	33 42 11 00-0664	LF	96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,253.69	102.00
	33 42 11 00-0665	LF	102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,325.66	108.00
	33 42 11 00-0666	LF	108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,400.12	120.01
	33 42 11 00-0667	LF	114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,473.76	132.01
	33 42 11 00-0668	LF	120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,546.52	144.01
<b>33 42 11 00-0669</b>	<b>10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0631)</b>				
	33 42 11 00-0670	LF	72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,143.06	76.80
	33 42 11 00-0671	LF	78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,227.21	84.00
	33 42 11 00-0672	LF	84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,308.50	90.00
	33 42 11 00-0673	LF	90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,389.44	96.00
	33 42 11 00-0674	LF	96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,471.41	102.00
	33 42 11 00-0675	LF	102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,556.83	108.00
	33 42 11 00-0676	LF	108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,644.78	120.01
	33 42 11 00-0677	LF	114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,731.80	132.01
	33 42 11 00-0678	LF	120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,818.02	144.01
	33 42 11 00-0679	LF	126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,906.11	156.01
	33 42 11 00-0680	LF	132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	1,997.59	168.01
	33 42 11 00-0681	LF	138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe .....	2,092.79	180.01
<b>33 42 11 00-0682</b>	<b>125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0388)</b>				
<b>33 42 11 00-0683</b>	<b>16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0682)</b>				
	33 42 11 00-0684	LF	48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	365.41	36.00
	33 42 11 00-0685	LF	54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	444.40	40.81
	33 42 11 00-0686	LF	60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	483.06	43.21
	33 42 11 00-0687	LF	66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	606.75	52.81
	33 42 11 00-0688	LF	72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	688.37	76.80
	33 42 11 00-0689	LF	78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	735.78	84.00
	33 42 11 00-0690	LF	84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	779.71	90.00
	33 42 11 00-0691	LF	90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	823.53	96.00
	33 42 11 00-0692	LF	96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	868.69	102.00
	33 42 11 00-0693	LF	102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	918.09	108.00
<b>33 42 11 00-0694</b>	<b>14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0682)</b>				
	33 42 11 00-0695	LF	54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	514.71	40.81
	33 42 11 00-0696	LF	60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	561.38	43.21
	33 42 11 00-0697	LF	66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	692.16	52.81
	33 42 11 00-0698	LF	72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	780.66	76.80
	33 42 11 00-0699	LF	78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	836.40	84.00
	33 42 11 00-0700	LF	84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	888.17	90.00
	33 42 11 00-0701	LF	90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	935.92	96.00
	33 42 11 00-0702	LF	96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	992.48	102.00
	33 42 11 00-0703	LF	102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	1,048.43	108.00
	33 42 11 00-0704	LF	108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe .....	1,106.65	120.01



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0705	LF		114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,165.46	132.01
<b>33 42 11 00-0706</b>			<b>12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping</b> <small>(33 42 11 00-0682)</small>		
33 42 11 00-0707	LF		60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	718.34	43.21
33 42 11 00-0708	LF		66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	865.81	52.81
33 42 11 00-0709	LF		72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	970.71	76.80
33 42 11 00-0710	LF		78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,040.89	84.00
33 42 11 00-0711	LF		84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,107.37	90.00
33 42 11 00-0712	LF		90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,174.72	96.00
33 42 11 00-0713	LF		96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,242.50	102.00
33 42 11 00-0714	LF		102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,313.37	108.00
33 42 11 00-0715	LF		108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,387.62	120.01
33 42 11 00-0716	LF		114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,461.00	132.01
33 42 11 00-0717	LF		120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,532.81	144.01
<b>33 42 11 00-0718</b>			<b>10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping</b> <small>(33 42 11 00-0682)</small>		
33 42 11 00-0719	LF		72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,142.99	76.80
33 42 11 00-0720	LF		78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,229.19	84.00
33 42 11 00-0721	LF		84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,310.76	90.00
33 42 11 00-0722	LF		90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,391.66	96.00
33 42 11 00-0723	LF		96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,474.03	102.00
33 42 11 00-0724	LF		102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,559.31	108.00
33 42 11 00-0725	LF		108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,647.66	120.01
33 42 11 00-0726	LF		114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,735.49	132.01
33 42 11 00-0727	LF		120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,821.52	144.01
33 42 11 00-0728	LF		126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,931.90	156.01
33 42 11 00-0729	LF		132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	2,029.29	168.01
33 42 11 00-0730	LF		138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	2,133.15	180.01
<b>33 42 11 00-0731</b>			<b>Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0387)</small>		
<b>33 42 11 00-0732</b>			<b>2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0731)</small>		
<b>33 42 11 00-0733</b>			<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0732)</small>		
33 42 11 00-0734	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	53.86	12.58
			For Bituminous Coated Pipe, Add	6.98	
			For Bituminous Coated And 25% Paved, Add	16.88	
			For Smooth-Flo, Add	27.84	
33 42 11 00-0735	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	60.26	13.72
			For Bituminous Coated Pipe, Add	8.34	
			For Bituminous Coated And 25% Paved, Add	20.16	
			For Smooth-Flo, Add	33.26	
33 42 11 00-0736	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	69.20	14.87
			For Bituminous Coated Pipe, Add	10.04	
			For Bituminous Coated And 25% Paved, Add	24.27	
			For Smooth-Flo, Add	40.04	
33 42 11 00-0737	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	77.82	16.00
			For Bituminous Coated Pipe, Add	11.57	
			For Bituminous Coated And 25% Paved, Add	27.97	
			For Smooth-Flo, Add	46.13	
33 42 11 00-0738	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	101.22	20.58
			For Bituminous Coated Pipe, Add	14.69	
			For Bituminous Coated And 25% Paved, Add	35.52	
			For Smooth-Flo, Add	58.59	
33 42 11 00-0739	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	132.09	26.40
			For Bituminous Coated Pipe, Add	18.95	
			For Bituminous Coated And 25% Paved, Add	45.81	
			For Smooth-Flo, Add	75.56	
<b>33 42 11 00-0740</b>			<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0732)</small>		
33 42 11 00-0741	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	59.53	12.58
			For Bituminous Coated Pipe, Add	7.25	
			For Bituminous Coated And 25% Paved, Add	16.96	
			For Smooth-Flo, Add	27.81	
33 42 11 00-0742	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	67.20	13.72
			For Bituminous Coated Pipe, Add	8.69	
			For Bituminous Coated And 25% Paved, Add	20.34	
			For Smooth-Flo, Add	33.35	
33 42 11 00-0743	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	76.92	14.87
			For Bituminous Coated Pipe, Add	10.33	
			For Bituminous Coated And 25% Paved, Add	24.16	
			For Smooth-Flo, Add	39.63	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0744	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	86.76 11.91 27.87 45.71	16.00
33 42 11 00-0745	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	112.38 15.08 35.29 57.88	20.58
33 42 11 00-0746	LF		42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	145.37 19.21 44.95 73.73	26.40
33 42 11 00-0747	LF		49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	167.56 22.89 53.55 87.83	31.20
<b>33 42 11 00-0748</b>			<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0732)</small>		
33 42 11 00-0749	LF		21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	87.13 9.40 20.92 32.17	14.40
33 42 11 00-0750	LF		24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	99.82 11.15 24.81 38.15	15.60
33 42 11 00-0751	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	112.33 12.79 28.46 43.76	16.80
33 42 11 00-0752	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	144.76 16.10 35.83 55.10	21.60
33 42 11 00-0753	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	172.46 20.15 44.84 68.94	26.40
33 42 11 00-0754	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	198.83 23.83 53.03 81.54	31.20
33 42 11 00-0755	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	232.26 28.26 62.89 96.70	36.00
33 42 11 00-0756	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	259.45 31.21 69.45 106.78	40.81
<b>33 42 11 00-0757</b>			<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0732)</small>		
33 42 11 00-0758	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	197.97 24.28 51.11 64.45	26.40
33 42 11 00-0759	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	228.57 28.64 60.29 76.03	31.20
33 42 11 00-0760	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	265.97 33.70 70.94 89.46	36.00
33 42 11 00-0761	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	297.55 37.36 78.65 99.19	40.81
33 42 11 00-0762	LF		71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch ..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	326.01 41.01 86.35 108.89	43.21
33 42 11 00-0763			<b>3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0731)</small>		
33 42 11 00-0764			<b>14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0763)</small>		



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0765	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	259.08 36.00 109.45 122.41	40.81
33 42 11 00-0766	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	283.16 39.40 119.78 133.96	43.21
33 42 11 00-0767	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	350.81 49.48 150.43 168.25	52.81
33 42 11 00-0768	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	417.99 53.05 161.27 180.37	76.80
33 42 11 00-0769	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	451.99 56.80 172.66 193.11	84.00
33 42 11 00-0770	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	482.83 60.56 184.11 205.92	90.00
33 42 11 00-0771	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	513.57 64.31 195.50 218.65	96.00
33 42 11 00-0772	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	545.12 68.05 206.86 231.36	102.00
<b>33 42 11 00-0773</b>			<b>12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0763)</small>		
33 42 11 00-0774	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	341.78 51.12 133.94 158.48	43.21
33 42 11 00-0775	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	415.84 62.49 163.72 193.72	52.81
33 42 11 00-0776	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	488.79 67.21 176.09 208.35	76.80
33 42 11 00-0777	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	528.51 72.10 188.90 223.51	84.00
33 42 11 00-0778	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	565.06 77.01 201.77 238.73	90.00
33 42 11 00-0779	LF		103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	601.57 81.91 214.60 253.92	96.00
33 42 11 00-0780	LF		112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	638.83 86.79 227.38 269.04	102.00
33 42 11 00-0781	LF		117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	679.67 91.72 240.31 284.33	108.00
33 42 11 00-0782	LF		128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	723.11 96.62 253.14 299.52	120.01
33 42 11 00-0783	LF		137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	768.51 102.01 267.26 316.22	132.01
<b>33 42 11 00-0784</b>			<b>10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0763)</small>		
33 42 11 00-0785	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	554.56 80.36 191.27 207.74	76.80

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0786	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	599.73	84.00
			<i>For Bituminous Coated Pipe, Add</i> .....	86.34	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	205.50	
			<i>For Smooth-Flo, Add</i> .....	223.20	
33 42 11 00-0787	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	641.68	90.00
			<i>For Bituminous Coated Pipe, Add</i> .....	92.33	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	219.75	
			<i>For Smooth-Flo, Add</i> .....	238.68	
33 42 11 00-0788	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	683.48	96.00
			<i>For Bituminous Coated Pipe, Add</i> .....	98.29	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	233.93	
			<i>For Smooth-Flo, Add</i> .....	254.08	
33 42 11 00-0789	LF		112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	726.19	102.00
			<i>For Bituminous Coated Pipe, Add</i> .....	104.26	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	248.14	
			<i>For Smooth-Flo, Add</i> .....	269.51	
33 42 11 00-0790	LF		117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	772.37	108.00
			<i>For Bituminous Coated Pipe, Add</i> .....	110.26	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	262.42	
			<i>For Smooth-Flo, Add</i> .....	285.02	
33 42 11 00-0791	LF		128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	821.21	120.01
			<i>For Bituminous Coated Pipe, Add</i> .....	116.24	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	276.65	
			<i>For Smooth-Flo, Add</i> .....	300.48	
33 42 11 00-0792	LF		137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	871.58	132.01
			<i>For Bituminous Coated Pipe, Add</i> .....	122.62	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	291.84	
			<i>For Smooth-Flo, Add</i> .....	316.97	
33 42 11 00-0793	LF		142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	926.84	144.01
			<i>For Bituminous Coated Pipe, Add</i> .....	130.28	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	310.07	
			<i>For Smooth-Flo, Add</i> .....	336.78	
33 42 11 00-0794			125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0731)</small>		
33 42 11 00-0795			12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0794)</small>		
33 42 11 00-0796	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	495.25	76.80
			<i>For Bituminous Coated Pipe, Add</i> .....	68.50	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	167.14	
			<i>For Smooth-Flo, Add</i> .....	212.70	
33 42 11 00-0797	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	534.33	84.00
			<i>For Bituminous Coated Pipe, Add</i> .....	73.26	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	178.76	
			<i>For Smooth-Flo, Add</i> .....	227.48	
33 42 11 00-0798	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	569.87	90.00
			<i>For Bituminous Coated Pipe, Add</i> .....	77.97	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	190.25	
			<i>For Smooth-Flo, Add</i> .....	242.10	
33 42 11 00-0799	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	605.43	96.00
			<i>For Bituminous Coated Pipe, Add</i> .....	82.68	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	201.74	
			<i>For Smooth-Flo, Add</i> .....	256.73	
33 42 11 00-0800	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	642.00	102.00
			<i>For Bituminous Coated Pipe, Add</i> .....	87.42	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	213.31	
			<i>For Smooth-Flo, Add</i> .....	271.45	
33 42 11 00-0801	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	682.31	108.00
			<i>For Bituminous Coated Pipe, Add</i> .....	92.25	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	225.09	
			<i>For Smooth-Flo, Add</i> .....	286.43	
33 42 11 00-0802	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	725.22	120.01
			<i>For Bituminous Coated Pipe, Add</i> .....	97.04	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	236.78	
			<i>For Smooth-Flo, Add</i> .....	301.32	
33 42 11 00-0803	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	773.75	132.01
			<i>For Bituminous Coated Pipe, Add</i> .....	103.05	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	251.45	
			<i>For Smooth-Flo, Add</i> .....	319.98	
33 42 11 00-0804			10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0794)</small>		
33 42 11 00-0805	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	568.05	76.80
			<i>For Bituminous Coated Pipe, Add</i> .....	83.06	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	187.72	
			<i>For Smooth-Flo, Add</i> .....	203.92	
33 42 11 00-0806	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch .....	612.96	84.00
			<i>For Bituminous Coated Pipe, Add</i> .....	88.99	
			<i>For Bituminous Coated And 25% Paved, Add</i> .....	201.12	
			<i>For Smooth-Flo, Add</i> .....	218.47	





	<b>Utilities</b>	<b>33</b>
	<b>Stormwater Utilities</b>	<b>33 40</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>

CS

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0807	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	654.43 94.88 214.44 232.94	90.00
33 42 11 00-0808	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	696.07 100.81 227.83 247.49	96.00
33 42 11 00-0809	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	737.57 106.54 240.77 261.55	102.00
33 42 11 00-0810	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	784.59 112.70 254.71 276.69	108.00
33 42 11 00-0811	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	833.54 118.71 268.28 291.42	120.01
33 42 11 00-0812	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	888.04 125.91 284.56 309.11	132.01
33 42 11 00-0813	LF		142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	939.01 132.72 299.94 325.82	144.01
33 42 11 00-0814			<b>2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0731)</small>		
33 42 11 00-0815			<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0814)</small>		
33 42 11 00-0816	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	90.35	12.58
33 42 11 00-0817	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	103.87	13.72
33 42 11 00-0818	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	121.81	14.87
33 42 11 00-0819	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	138.53	16.00
33 42 11 00-0820	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	178.56	20.58
33 42 11 00-0821	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	232.56	26.40
33 42 11 00-0822			<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0814)</small>		
33 42 11 00-0823	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	103.37	12.58
33 42 11 00-0824	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	119.78	13.72
33 42 11 00-0825	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	139.58	14.87
33 42 11 00-0826	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	159.18	16.00
33 42 11 00-0827	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	204.23	20.58
33 42 11 00-0828	LF		42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	263.08	26.40
33 42 11 00-0829	LF		49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	308.09	31.20
33 42 11 00-0830			<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0814)</small>		
33 42 11 00-0831	LF		21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	158.78	13.72
33 42 11 00-0832	LF		24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	185.77	14.87
33 42 11 00-0833	LF		28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	211.49	16.00
33 42 11 00-0834	LF		35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	269.52	20.58
33 42 11 00-0835	LF		42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	341.94	26.40
33 42 11 00-0836	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	399.93	31.20
33 42 11 00-0837	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	472.37	36.00
33 42 11 00-0838	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	523.88	40.81
33 42 11 00-0839			<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0814)</small>		
33 42 11 00-0840	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	403.81	26.40
33 42 11 00-0841	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	472.10	31.20
33 42 11 00-0842	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	554.19	36.00
33 42 11 00-0843	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	616.39	40.81
33 42 11 00-0844	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	675.34	43.21
33 42 11 00-0845			<b>3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0731)</small>		
33 42 11 00-0846			<b>14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch</b> <small>(33 42 11 00-0845)</small>		
33 42 11 00-0847	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	529.26	40.81
33 42 11 00-0848	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	578.26	43.21
33 42 11 00-0849	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	724.59	52.81
33 42 11 00-0850	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	818.16	76.80
33 42 11 00-0851	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	879.93	84.00
33 42 11 00-0852	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	938.62	90.00
33 42 11 00-0853	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	997.06	96.00

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 42 11 00-0854	LF	112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,056.49		102.00
<b>33 42 11 00-0855</b>		<b>12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <sup>(33 42 11 00-0845)</sup></b>			
33 42 11 00-0856	LF	66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	727.41		43.21
33 42 11 00-0857	LF	73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	890.62		52.81
33 42 11 00-0858	LF	81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	998.86		76.80
33 42 11 00-0859	LF	87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,075.03		84.00
33 42 11 00-0860	LF	95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,148.21		90.00
33 42 11 00-0861	LF	103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,221.29		96.00
33 42 11 00-0862	LF	112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,295.05		102.00
33 42 11 00-0863	LF	117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,372.61		108.00
33 42 11 00-0864	LF	128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,452.63		120.01
33 42 11 00-0865	LF	137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,538.27		132.01
<b>33 42 11 00-0866</b>		<b>10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <sup>(33 42 11 00-0845)</sup></b>			
33 42 11 00-0867	LF	81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,162.80		76.80
33 42 11 00-0868	LF	87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,252.52		84.00
33 42 11 00-0869	LF	95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,339.24		90.00
33 42 11 00-0870	LF	103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,425.49		96.00
33 42 11 00-0871	LF	112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,512.75		102.00
33 42 11 00-0872	LF	117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,603.72		108.00
33 42 11 00-0873	LF	128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,697.23		120.01
33 42 11 00-0874	LF	137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,795.18		132.01
33 42 11 00-0875	LF	142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,907.59		144.01
<b>33 42 11 00-0876</b>		<b>125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <sup>(33 42 11 00-0731)</sup></b>			
<b>33 42 11 00-0877</b>		<b>12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <sup>(33 42 11 00-0876)</sup></b>			
33 42 11 00-0878	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	984.12		76.80
33 42 11 00-0879	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,056.61		84.00
33 42 11 00-0880	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,125.18		90.00
33 42 11 00-0881	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,193.67		96.00
33 42 11 00-0882	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,263.45		102.00
33 42 11 00-0883	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,337.58		108.00
33 42 11 00-0884	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,414.05		120.01
33 42 11 00-0885	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,504.67		132.01
<b>33 42 11 00-0886</b>		<b>10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <sup>(33 42 11 00-0876)</sup></b>			
33 42 11 00-0887	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,158.96		76.80
33 42 11 00-0888	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,245.33		84.00
33 42 11 00-0889	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,328.10		90.00
33 42 11 00-0890	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,411.25		96.00
33 42 11 00-0891	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,492.96		102.00
33 42 11 00-0892	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,583.12		108.00
33 42 11 00-0893	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,674.14		120.01
33 42 11 00-0894	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,779.30		132.01
33 42 11 00-0895	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch .....	1,877.69		144.01
<b>33 42 11 00-0896</b>		<b>Aluminized Type 2 Corrugated Steel Piping <sup>(33 42 11 00-0387)</sup></b>			
<b>33 42 11 00-0897</b>		<b>2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <sup>(33 42 11 00-0896)</sup></b>			
<b>33 42 11 00-0898</b>		<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <sup>(33 42 11 00-0897)</sup></b>			
33 42 11 00-0899	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	50.66		12.00
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.39		
33 42 11 00-0900	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	58.20		12.58
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	13.08		
33 42 11 00-0901	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	66.03		13.72
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	15.86		
33 42 11 00-0902	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	75.81		14.87
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	18.96		
33 42 11 00-0903	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	84.22		16.00
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	21.36		
33 42 11 00-0904	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	110.80		20.58
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	27.71		
33 42 11 00-0905	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	142.51		26.40
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	34.95		
33 42 11 00-0906	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	163.43		31.20
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	41.34		
33 42 11 00-0907	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	183.58		36.00
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	46.32		



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Stormwater Conveyance	33 42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>33 42 11 00-0908</b>	<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0897)</small>		
33 42 11 00-0909	LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	56.26 9.87	12.00
33 42 11 00-0910	LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	65.13 12.38	12.58
33 42 11 00-0911	LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	74.29 14.97	13.72
33 42 11 00-0912	LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	85.39 17.80	14.87
33 42 11 00-0913	LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	95.33 20.15	16.00
33 42 11 00-0914	LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	124.39 25.88	20.58
33 42 11 00-0915	LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	158.97 32.44	26.40
33 42 11 00-0916	LF 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	182.38 38.20	31.20
33 42 11 00-0917	LF 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	205.17 42.92	36.00
33 42 11 00-0918	LF 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	246.59 52.77	40.81
<b>33 42 11 00-0919</b>	<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0897)</small>		
33 42 11 00-0920	LF 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	91.64 13.95	13.72
33 42 11 00-0921	LF 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	105.66 16.51	14.87
33 42 11 00-0922	LF 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	118.35 18.70	16.00
33 42 11 00-0923	LF 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	153.13 23.85	20.58
33 42 11 00-0924	LF 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	193.63 29.59	26.40
33 42 11 00-0925	LF 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	222.54 34.71	31.20
33 42 11 00-0926	LF 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	250.99 39.15	36.00
33 42 11 00-0927	LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	298.92 47.27	40.81
33 42 11 00-0928	LF 60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	326.54 51.68	43.21
33 42 11 00-0929	LF 66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	399.01 63.56	52.81
<b>33 42 11 00-0930</b>	<b>10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0897)</small>		
33 42 11 00-0931	LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	224.79 32.41	26.40
33 42 11 00-0932	LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	258.99 37.99	31.20
33 42 11 00-0933	LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	292.37 42.90	36.00
33 42 11 00-0934	LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	345.33 51.12	40.81
33 42 11 00-0935	LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	378.19 56.07	43.21
33 42 11 00-0936	LF 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	455.74 67.65	52.81
33 42 11 00-0937	LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	530.49 72.53	76.80
<b>33 42 11 00-0938</b>	<b>3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0896)</small>		
<b>33 42 11 00-0939</b>	<b>16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0938)</small>		
33 42 11 00-0940	LF 36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	167.01 38.85	26.40
33 42 11 00-0941	LF 42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	191.48 45.63	31.20
33 42 11 00-0942	LF 48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	215.12 51.17	36.00
33 42 11 00-0943	LF 54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	257.65 62.50	40.81
33 42 11 00-0944	LF 60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	280.72 68.10	43.21

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0945	LF	66"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	353.30 87.47	52.81
33 42 11 00-0946	LF	72"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	419.10 93.23	76.80
33 42 11 00-0947	LF	78"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	450.88 99.00	84.00
33 42 11 00-0948	LF	84"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	479.44 104.80	90.00
33 42 11 00-0949	LF	90"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	508.02 110.60	96.00
33 42 11 00-0950	LF	96"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	537.40 116.38	102.00
33 42 11 00-0951	LF	102"	16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	570.24 122.21	108.00
<b>33 42 11 00-0952 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>					
33 42 11 00-0953	LF	54"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	285.80 54.16	40.81
33 42 11 00-0954	LF	60"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	311.83 59.13	43.21
33 42 11 00-0955	LF	66"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	387.53 74.44	52.81
33 42 11 00-0956	LF	72"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	456.41 79.56	76.80
33 42 11 00-0957	LF	78"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	491.20 84.68	84.00
33 42 11 00-0958	LF	84"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	522.94 89.85	90.00
33 42 11 00-0959	LF	90"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	554.47 94.96	96.00
33 42 11 00-0960	LF	96"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	586.87 100.08	102.00
33 42 11 00-0961	LF	102"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	622.73 105.23	108.00
33 42 11 00-0962	LF	108"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	661.30 110.38	120.01
33 42 11 00-0963	LF	114"	14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	699.09 115.44	132.01
<b>33 42 11 00-0964 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>					
33 42 11 00-0965	LF	60"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	380.99 79.31	43.21
33 42 11 00-0966	LF	66"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	464.10 97.03	52.81
33 42 11 00-0967	LF	72"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	539.64 104.08	76.80
33 42 11 00-0968	LF	78"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	581.21 111.15	84.00
33 42 11 00-0969	LF	84"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	619.61 118.25	90.00
33 42 11 00-0970	LF	90"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	657.92 125.33	96.00
33 42 11 00-0971	LF	96"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	697.03 132.39	102.00
33 42 11 00-0972	LF	102"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	739.62 139.49	108.00
33 42 11 00-0973	LF	108"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	784.86 146.56	120.01
33 42 11 00-0974	LF	114"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	829.41 153.58	132.01
33 42 11 00-0975	LF	120"	12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	872.76 160.68	144.01
<b>33 42 11 00-0976 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>					
33 42 11 00-0977	LF	72"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	617.26 127.74	76.80
33 42 11 00-0978	LF	78"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	665.07 136.69	84.00
33 42 11 00-0979	LF	84"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	709.88 145.71	90.00
33 42 11 00-0980	LF	90"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	754.49 154.68	96.00
33 42 11 00-0981	LF	96"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	800.06 163.67	102.00
33 42 11 00-0982	LF	102"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	849.04 172.69	108.00
33 42 11 00-0983	LF	108"	10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	900.58 181.66	120.01





	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0984	LF		114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	951.48 190.58	132.01
33 42 11 00-0985	LF		120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	1,001.24 199.60	144.01
33 42 11 00-0986	LF		126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	1,053.11 208.55	156.01
33 42 11 00-0987	LF		132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	1,108.10 217.55	168.01
33 42 11 00-0988	LF		138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	1,166.79 226.58	180.01
<b>33 42 11 00-0989</b>			<b>125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b>		
<b>33 42 11 00-0990</b>			<b>16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0989)</small>		
33 42 11 00-0991	LF		48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	216.02 63.40	36.00
33 42 11 00-0992	LF		54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	259.29 77.67	40.81
33 42 11 00-0993	LF		60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	282.15 84.47	43.21
33 42 11 00-0994	LF		66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	350.12 106.34	52.81
33 42 11 00-0995	LF		72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	415.56 113.28	76.80
33 42 11 00-0996	LF		78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	446.91 120.21	84.00
33 42 11 00-0997	LF		84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	474.89 127.09	90.00
33 42 11 00-0998	LF		90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	502.78 133.94	96.00
33 42 11 00-0999	LF		96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	531.84 140.92	102.00
33 42 11 00-1000	LF		102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	564.58 148.05	108.00
<b>33 42 11 00-1001</b>			<b>14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0989)</small>		
33 42 11 00-1002	LF		54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	294.48 73.24	40.81
33 42 11 00-1003	LF		60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	321.36 79.97	43.21
33 42 11 00-1004	LF		66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	392.82 98.41	52.81
33 42 11 00-1005	LF		72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	461.75 105.06	76.80
33 42 11 00-1006	LF		78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	497.23 111.93	84.00
33 42 11 00-1007	LF		84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	529.13 118.70	90.00
33 42 11 00-1008	LF		90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	559.02 124.78	96.00
33 42 11 00-1009	LF		96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	593.69 132.19	102.00
33 42 11 00-1010	LF		102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	629.77 138.96	108.00
33 42 11 00-1011	LF		108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	668.39 145.65	120.01
33 42 11 00-1012	LF		114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	707.02 152.50	132.01
<b>33 42 11 00-1013</b>			<b>12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-0989)</small>		
33 42 11 00-1014	LF		60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	394.64 88.23	43.21
33 42 11 00-1015	LF		66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	473.62 105.89	52.81
33 42 11 00-1016	LF		72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	550.22 113.68	76.80
33 42 11 00-1017	LF		78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	592.48 121.40	84.00
33 42 11 00-1018	LF		84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	631.31 129.07	90.00
33 42 11 00-1019	LF		90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	670.51 136.85	96.00
33 42 11 00-1020	LF		96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	710.31 144.55	102.00
33 42 11 00-1021	LF		102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe ..... <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	753.43 152.25	108.00



**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1022 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	799.51	120.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	160.02	
33 42 11 00-1023 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	844.97	132.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	167.74	
33 42 11 00-1024 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	888.90	144.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	175.45	
<b>33 42 11 00-1025 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0989)</small></b>		
33 42 11 00-1026 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	634.94	76.80
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	137.91	
33 42 11 00-1027 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	685.08	84.00
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	147.88	
33 42 11 00-1028 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	731.26	90.00
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	157.66	
33 42 11 00-1029 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	777.13	96.00
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	167.34	
33 42 11 00-1030 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	824.13	102.00
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	177.10	
33 42 11 00-1031 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	874.28	108.00
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	186.82	
33 42 11 00-1032 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	927.35	120.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	196.58	
33 42 11 00-1033 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	979.90	132.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	206.33	
33 42 11 00-1034 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,030.76	144.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	216.02	
33 42 11 00-1035 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,094.91	156.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	228.84	
33 42 11 00-1036 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,154.03	168.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	239.39	
33 42 11 00-1037 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,218.22	180.01
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	250.35	
<b>33 42 11 00-1038 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0896)</small></b>		
<b>33 42 11 00-1039 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1038)</small></b>		
33 42 11 00-1040 LF 18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	75.50	13.72
33 42 11 00-1041 LF 21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	86.77	14.87
33 42 11 00-1042 LF 24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	97.18	16.00
33 42 11 00-1043 LF 30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	126.62	20.58
33 42 11 00-1044 LF 36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	161.09	26.40
33 42 11 00-1045 LF 42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	184.86	31.20
33 42 11 00-1046 LF 48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	208.50	36.00
33 42 11 00-1047 LF 54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	248.07	40.81
33 42 11 00-1048 LF 60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	271.09	43.21
<b>33 42 11 00-1049 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1038)</small></b>		
33 42 11 00-1050 LF 18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	83.65	13.72
33 42 11 00-1051 LF 21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	96.29	14.87
33 42 11 00-1052 LF 24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	107.98	16.00
33 42 11 00-1053 LF 30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	140.11	20.58
33 42 11 00-1054 LF 36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	177.33	26.40
33 42 11 00-1055 LF 42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	203.86	31.20
33 42 11 00-1056 LF 48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	230.20	36.00
33 42 11 00-1057 LF 54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	272.47	40.81
33 42 11 00-1058 LF 60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	298.29	43.21
33 42 11 00-1059 LF 66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	363.03	52.81
33 42 11 00-1060 LF 72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	430.85	76.80
33 42 11 00-1061 LF 78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	464.85	84.00
<b>33 42 11 00-1062 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1038)</small></b>		
33 42 11 00-1063 LF 30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	167.47	20.58
33 42 11 00-1064 LF 36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	210.08	26.40
33 42 11 00-1065 LF 42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	242.22	31.20
33 42 11 00-1066 LF 48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	273.96	36.00
33 42 11 00-1067 LF 54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	321.68	40.81
33 42 11 00-1068 LF 60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	353.05	43.21
33 42 11 00-1069 LF 66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	423.14	52.81
33 42 11 00-1070 LF 72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	496.36	76.80
33 42 11 00-1071 LF 78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	535.81	84.00
33 42 11 00-1072 LF 84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	571.83	90.00
33 42 11 00-1073 LF 90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	607.92	96.00
33 42 11 00-1074 LF 96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	644.70	102.00
33 42 11 00-1075 LF 102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe .....	682.26	108.00



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Stormwater Conveyance	33 42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1076 Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-0387)</small>		
33 42 11 00-1077 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1076)</small>		
33 42 11 00-1078 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1077)</small>		
33 42 11 00-1079 LF 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	60.11 16.90	12.58
33 42 11 00-1080 LF 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	67.72 20.19	13.72
33 42 11 00-1081 LF 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	78.14 24.29	14.87
33 42 11 00-1082 LF 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	88.14 27.99	16.00
33 42 11 00-1083 LF 35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	114.34 35.56	20.58
33 42 11 00-1084 LF 42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	149.02 45.86	26.40
33 42 11 00-1085 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1077)</small>		
33 42 11 00-1086 LF 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	67.04 17.52	12.58
33 42 11 00-1087 LF 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	76.14 20.98	13.72
33 42 11 00-1088 LF 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	87.61 24.96	14.87
33 42 11 00-1089 LF 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	99.09 28.79	16.00
33 42 11 00-1090 LF 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	127.99 36.45	20.58
33 42 11 00-1091 LF 42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	165.27 46.44	26.40
33 42 11 00-1092 LF 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	191.27 55.32	31.20
33 42 11 00-1093 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1077)</small>		
33 42 11 00-1094 LF 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	93.28 19.22	13.72
33 42 11 00-1095 LF 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	107.93 22.85	14.87
33 42 11 00-1096 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	122.11 26.23	16.00
33 42 11 00-1097 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	156.72 33.09	20.58
33 42 11 00-1098 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	199.98 41.61	26.40
33 42 11 00-1099 LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	231.74 49.31	31.20
33 42 11 00-1100 LF 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	272.11 58.72	36.00
33 42 11 00-1101 LF 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	303.05 64.73	40.81
33 42 11 00-1102 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1077)</small>		
33 42 11 00-1103 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	231.14 43.79	26.40
33 42 11 00-1104 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	268.10 51.75	31.20
33 42 11 00-1105 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	313.33 61.10	36.00
33 42 11 00-1106 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	349.67 67.65	40.81
33 42 11 00-1107 LF 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	382.90 74.19	43.21
33 42 11 00-1108 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1076)</small>		
33 42 11 00-1109 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1108)</small>		
33 42 11 00-1110 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	291.36 97.23	40.81
33 42 11 00-1111 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	318.45 106.39	43.21

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1112	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	395.15	52.81
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	133.63	
33 42 11 00-1113	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	465.51	76.80
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	143.25	
33 42 11 00-1114	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	502.90	84.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	153.38	
33 42 11 00-1115	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	537.07	90.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	163.53	
33 42 11 00-1116	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	571.14	96.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	173.64	
33 42 11 00-1117	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	606.13	102.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	183.77	
<b>33 42 11 00-1118</b>			<b>12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b>		
			<small>(33 42 11 00-1108)</small>		
33 42 11 00-1119	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	387.66	43.21
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	120.90	
33 42 11 00-1120	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	471.88	52.81
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	147.76	
33 42 11 00-1121	LF		81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	549.06	76.80
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	158.92	
33 42 11 00-1122	LF		87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	593.11	84.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	170.47	
33 42 11 00-1123	LF		95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	634.11	90.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	182.09	
33 42 11 00-1124	LF		103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	675.01	96.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	193.68	
33 42 11 00-1125	LF		112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	716.66	102.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	205.22	
33 42 11 00-1126	LF		117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	761.89	108.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	216.87	
33 42 11 00-1127	LF		128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	809.72	120.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	228.45	
33 42 11 00-1128	LF		137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	860.00	132.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	241.21	
<b>33 42 11 00-1129</b>			<b>10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b>		
			<small>(33 42 11 00-1108)</small>		
33 42 11 00-1130	LF		81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	626.63	76.80
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	172.02	
33 42 11 00-1131	LF		87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	677.14	84.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	184.81	
33 42 11 00-1132	LF		95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	724.48	90.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	197.64	
33 42 11 00-1133	LF		103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	771.63	96.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	210.40	
33 42 11 00-1134	LF		112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	823.97	102.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	224.73	
33 42 11 00-1135	LF		112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	871.26	108.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	236.02	
33 42 11 00-1136	LF		128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	925.50	120.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	248.83	
33 42 11 00-1137	LF		137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	981.54	132.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	262.47	
33 42 11 00-1138	LF		142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	1,043.67	144.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	278.87	
<b>33 42 11 00-1139</b>			<b>125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b>		
			<small>(33 42 11 00-1076)</small>		
<b>33 42 11 00-1140</b>			<b>12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch</b>		
			<small>(33 42 11 00-1139)</small>		
33 42 11 00-1141	LF		81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	556.89	76.80
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	156.41	
33 42 11 00-1142	LF		87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	600.26	84.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	167.28	
33 42 11 00-1143	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	640.09	90.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	178.05	
33 42 11 00-1144	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	679.88	96.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	188.80	
33 42 11 00-1145	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	720.69	102.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	199.61	
33 42 11 00-1146	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	765.33	108.00
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	210.63	
33 42 11 00-1147	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	812.58	120.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	221.58	
33 42 11 00-1148	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	866.50	132.01
			<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	235.30	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 42 11 00-1149</b> 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>(33 42 11 00-1139)</i>		
33 42 11 00-1150 LF 81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	642.82 173.49	76.80
33 42 11 00-1151 LF 87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	693.07 185.87	84.00
33 42 11 00-1152 LF 95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	739.83 198.18	90.00
33 42 11 00-1153 LF 103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	786.82 210.56	96.00
33 42 11 00-1154 LF 112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	833.50 222.53	102.00
33 42 11 00-1155 LF 117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	886.03 235.40	108.00
33 42 11 00-1156 LF 128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	940.42 247.95	120.01
33 42 11 00-1157 LF 137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	1,001.38 262.99	132.01
33 42 11 00-1158 LF 142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ..... <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	1,058.49 277.20	144.01
<b>33 42 11 00-1159</b> Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-0387)</i>		
<b>33 42 11 00-1160</b> 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1159)</i>		
<b>33 42 11 00-1161</b> 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1160)</i>		
33 42 11 00-1162 LF 6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	30.46 3.21	6.86
33 42 11 00-1163 LF 8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	39.37 4.37	8.57
33 42 11 00-1164 LF 10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	51.06 5.75	10.29
<b>33 42 11 00-1165</b> 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1160)</i>		
33 42 11 00-1166 LF 6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	34.15 3.19	6.86
33 42 11 00-1167 LF 8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	44.58 4.36	8.57
33 42 11 00-1168 LF 10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	58.02 5.76	10.29
<b>33 42 11 00-1169</b> 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1159)</i>		
<b>33 42 11 00-1170</b> 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1169)</i>		
33 42 11 00-1171 LF 12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	59.13 6.33	12.00
33 42 11 00-1172 LF 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	68.73 7.94	12.58
33 42 11 00-1173 LF 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	78.92 9.65	13.72
33 42 11 00-1174 LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	91.12 11.51	14.87
33 42 11 00-1175 LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	101.94 13.06	16.00
<b>33 42 11 00-1176</b> 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <i>(33 42 11 00-1169)</i>		
33 42 11 00-1177 LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	67.04 6.19	12.00
33 42 11 00-1178 LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	78.80 7.79	12.58
33 42 11 00-1179 LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	90.99 9.44	13.72
33 42 11 00-1180 LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	105.12 11.21	14.87
33 42 11 00-1181 LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	118.01 12.74	16.00
33 42 11 00-1182 LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	153.27 16.32	20.58
33 42 11 00-1183 LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... <i>For Bituminous Coated Pipe, Add</i>	194.08 20.30	26.40

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

33 42 11 00-1184	12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1169)		
33 42 11 00-1185	LF 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	148.72 12.09	16.00
33 42 11 00-1186	LF 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	191.51 15.38	20.58
33 42 11 00-1187	LF 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	240.01 18.95	26.40
33 42 11 00-1188	LF 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	277.52 22.29	31.20
33 42 11 00-1189	LF 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	313.89 25.23	36.00
33 42 11 00-1190	LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	369.68 29.93	40.81
33 42 11 00-1191	10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1169)		
33 42 11 00-1192	LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	288.97 18.64	26.40
33 42 11 00-1193	LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	334.54 21.88	31.20
33 42 11 00-1194	LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	379.25 24.83	36.00
33 42 11 00-1195	LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	443.21 29.13	40.81
33 42 11 00-1196	LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe ..... For Bituminous Coated Pipe, Add	487.42 32.10	43.21
33 42 11 00-1197	3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1159)		
33 42 11 00-1198	16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1197)		
33 42 11 00-1199	LF 30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	150.77	20.58
33 42 11 00-1200	LF 36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	190.96	26.40
33 42 11 00-1201	LF 42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	219.28	31.20
33 42 11 00-1202	LF 48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	248.36	36.00
33 42 11 00-1203	LF 54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	293.77	40.81
33 42 11 00-1204	14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1197)		
33 42 11 00-1205	LF 30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	170.92	20.58
33 42 11 00-1206	LF 36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	219.70	26.40
33 42 11 00-1207	LF 42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	252.63	31.20
33 42 11 00-1208	LF 48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	284.77	36.00
33 42 11 00-1209	LF 54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	336.42	40.81
33 42 11 00-1210	LF 60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	367.89	43.21
33 42 11 00-1211	LF 66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	447.79	52.81
33 42 11 00-1212	LF 72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	521.78	76.80
33 42 11 00-1213	LF 78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	561.77	84.00
33 42 11 00-1214	12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1197)		
33 42 11 00-1215	LF 30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	217.94	20.58
33 42 11 00-1216	LF 36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	272.58	26.40
33 42 11 00-1217	LF 42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	315.83	31.20
33 42 11 00-1218	LF 48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	357.25	36.00
33 42 11 00-1219	LF 54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	417.78	40.81
33 42 11 00-1220	LF 60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	457.99	43.21
33 42 11 00-1221	LF 66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	546.61	52.81
33 42 11 00-1222	LF 72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	629.55	76.80
33 42 11 00-1223	LF 78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	678.35	84.00
33 42 11 00-1224	LF 84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	724.02	90.00
33 42 11 00-1225	LF 90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	769.55	96.00
33 42 11 00-1226	LF 96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	815.95	102.00
33 42 11 00-1227	10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping (33 42 11 00-1197)		
33 42 11 00-1228	LF 60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	552.76	43.21
33 42 11 00-1229	LF 66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	646.85	52.81
33 42 11 00-1230	LF 72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	738.80	76.80
33 42 11 00-1231	LF 78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	796.59	84.00
33 42 11 00-1232	LF 84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	851.12	90.00
33 42 11 00-1233	LF 90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	905.63	96.00
33 42 11 00-1234	LF 96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	960.96	102.00





	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1235	LF		102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	1,019.81	108.00
33 42 11 00-1236	LF		108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe .....	1,081.27	120.01
<b>33 42 11 00-1237</b>			<b>Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-1159)</small>		
			Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
<b>33 42 11 00-1238</b>			<b>16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-1237)</small>		
33 42 11 00-1239	LF		18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	106.03	13.72
33 42 11 00-1240	LF		21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	114.02	14.87
33 42 11 00-1241	LF		24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	137.98	16.00
33 42 11 00-1242	LF		27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	159.33	18.30
33 42 11 00-1243	LF		30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	178.37	20.58
33 42 11 00-1244	LF		33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	199.52	22.87
<b>33 42 11 00-1245</b>			<b>14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-1237)</small>		
33 42 11 00-1246	LF		18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	123.07	13.72
33 42 11 00-1247	LF		21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	142.59	14.87
33 42 11 00-1248	LF		24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	160.89	16.00
33 42 11 00-1249	LF		27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	185.05	18.30
33 42 11 00-1250	LF		30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	206.89	20.58
33 42 11 00-1251	LF		33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	230.95	22.87
33 42 11 00-1252	LF		36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	258.82	26.40
33 42 11 00-1253	LF		42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	299.42	31.20
33 42 11 00-1254	LF		48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	338.83	36.00
<b>33 42 11 00-1255</b>			<b>12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-1237)</small>		
33 42 11 00-1256	LF		30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	262.66	20.58
33 42 11 00-1257	LF		33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	292.17	22.87
33 42 11 00-1258	LF		36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	325.70	26.40
33 42 11 00-1259	LF		42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	377.52	31.20
33 42 11 00-1260	LF		48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	428.09	36.00
33 42 11 00-1261	LF		54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	595.08	40.81
33 42 11 00-1262	LF		60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	655.08	43.21
<b>33 42 11 00-1263</b>			<b>10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping</b> <small>(33 42 11 00-1237)</small>		
33 42 11 00-1264	LF		48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	609.96	36.00
33 42 11 00-1265	LF		54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	707.20	40.81
33 42 11 00-1266	LF		60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	779.80	43.21
33 42 11 00-1267	LF		66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	905.39	52.81
33 42 11 00-1268	LF		72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,018.82	76.80
33 42 11 00-1269	LF		78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,099.12	84.00
33 42 11 00-1270	LF		84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe .....	1,175.46	90.00
<b>33 42 11 00-1271</b>			<b>Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 42 11 00-0387)</small>		
<b>33 42 11 00-1272</b>			<b>2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 42 11 00-1271)</small>		
<b>33 42 11 00-1273</b>			<b>16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 42 11 00-1272)</small>		
33 42 11 00-1274	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	72.32	12.58
			<i>For Bituminous Coated Pipe, Add</i>	7.95	
33 42 11 00-1275	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	82.32	13.72
			<i>For Bituminous Coated Pipe, Add</i>	9.50	
33 42 11 00-1276	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	95.00	14.87
			<i>For Bituminous Coated Pipe, Add</i>	11.31	
<b>33 42 11 00-1277</b>			<b>14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 42 11 00-1272)</small>		
33 42 11 00-1278	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	82.42	12.58
			<i>For Bituminous Coated Pipe, Add</i>	7.92	
33 42 11 00-1279	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	92.01	13.72
			<i>For Bituminous Coated Pipe, Add</i>	9.13	
33 42 11 00-1280	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	109.00	14.87
			<i>For Bituminous Coated Pipe, Add</i>	11.22	
33 42 11 00-1281	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	123.27	16.00
			<i>For Bituminous Coated Pipe, Add</i>	12.87	
33 42 11 00-1282	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	158.51	20.58
			<i>For Bituminous Coated Pipe, Add</i>	16.28	
<b>33 42 11 00-1283</b>			<b>12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> <small>(33 42 11 00-1272)</small>		

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1284 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	154.01	16.00
For Bituminous Coated Pipe, Add	12.27	
33 42 11 00-1285 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	196.85	20.58
For Bituminous Coated Pipe, Add	15.46	
33 42 11 00-1286 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	249.03	26.40
For Bituminous Coated Pipe, Add	19.30	
33 42 11 00-1287 LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	289.40	31.20
For Bituminous Coated Pipe, Add	22.83	
<b>33 42 11 00-1288 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b>		
(33 42 11 00-1272)		
33 42 11 00-1289 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	297.92	26.40
For Bituminous Coated Pipe, Add	18.63	
33 42 11 00-1290 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	346.52	31.20
For Bituminous Coated Pipe, Add	21.98	
33 42 11 00-1291 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	403.30	36.00
For Bituminous Coated Pipe, Add	25.75	
33 42 11 00-1292 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	451.11	40.81
For Bituminous Coated Pipe, Add	28.65	
<b>33 42 11 00-1293 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> (33 42 11 00-1271)		
<b>33 42 11 00-1294 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> (33 42 11 00-1293)		
33 42 11 00-1295 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	344.32	40.81
33 42 11 00-1296 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	377.08	43.21
33 42 11 00-1297 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	459.15	52.81
<b>33 42 11 00-1298 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> (33 42 11 00-1293)		
33 42 11 00-1299 LF 60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	425.68	40.81
33 42 11 00-1300 LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	467.18	43.21
33 42 11 00-1301 LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	557.56	52.81
33 42 11 00-1302 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	641.34	76.80
33 42 11 00-1303 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	690.97	84.00
33 42 11 00-1304 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	737.47	90.00
<b>33 42 11 00-1305 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch</b> (33 42 11 00-1293)		
33 42 11 00-1306 LF 66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	561.81	43.21
33 42 11 00-1307 LF 73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	657.40	52.81
33 42 11 00-1308 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	750.15	76.80
33 42 11 00-1309 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	808.78	84.00
33 42 11 00-1310 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	864.14	90.00
33 42 11 00-1311 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	919.47	96.00
<b>33 42 11 00-1312 Corrugated Steel Pipe Fittings</b> (33 42 11 00-0387)		
Note: Equivalent pipe-arch sizes are approximate.		
<b>33 42 11 00-1313 Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings</b> (33 42 11 00-1312)		
Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1314 EA Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	105.00	
33 42 11 00-1315 EA Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	131.67	
33 42 11 00-1316 EA Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe).....	158.34	
33 42 11 00-1317 EA Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	186.69	
33 42 11 00-1318 EA Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	226.67	
33 42 11 00-1319 EA Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	266.66	
33 42 11 00-1320 EA Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	306.67	
33 42 11 00-1321 EA Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	346.65	
33 42 11 00-1322 EA Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	451.67	
33 42 11 00-1323 EA Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	538.32	
33 42 11 00-1324 EA Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	624.99	
33 42 11 00-1325 EA Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	808.33	
33 42 11 00-1326 EA Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	911.68	
33 42 11 00-1327 EA Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	1,018.34	
33 42 11 00-1328 EA Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	1,128.34	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	<b>33</b>

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1329	EA		Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,375.01	
33 42 11 00-1330	EA		Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,499.99	
33 42 11 00-1331	EA		Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,628.32	
33 42 11 00-1332	EA		Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,998.32	
33 42 11 00-1333	EA		Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	2,145.01	
33 42 11 00-1334	EA		Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	2,293.33	
33 42 11 00-1335	EA		Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,441.66	
33 42 11 00-1336	EA		Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,588.33	
33 42 11 00-1337	EA		Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,736.67	
33 42 11 00-1338	EA		Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,893.06	
33 42 11 00-1339	EA		Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	3,058.39	
33 42 11 00-1340	EA		Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	3,233.14	
<b>33 42 11 00-1341</b>			<b>Fabricate Corrugated Steel Pipe Tees Or Laterals</b> <small>(33 42 11 00-1312)</small>		
			Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1342	EA		Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	136.67	
33 42 11 00-1343	EA		Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	175.00	
33 42 11 00-1344	EA		Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	213.30	
33 42 11 00-1345	EA		Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	251.67	
33 42 11 00-1346	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	306.67	
33 42 11 00-1347	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	363.31	
33 42 11 00-1348	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	420.02	
33 42 11 00-1349	EA		Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	476.64	
33 42 11 00-1350	EA		Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	624.99	
33 42 11 00-1351	EA		Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	745.00	
33 42 11 00-1352	EA		Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	866.66	
33 42 11 00-1353	EA		Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	1,124.98	
33 42 11 00-1354	EA		Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,266.66	
33 42 11 00-1355	EA		Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,413.31	
33 42 11 00-1356	EA		Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,563.33	
33 42 11 00-1357	EA		Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,906.64	
33 42 11 00-1358	EA		Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,076.68	
33 42 11 00-1359	EA		Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,249.99	
33 42 11 00-1360	EA		Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,768.29	
33 42 11 00-1361	EA		Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,966.64	
33 42 11 00-1362	EA		Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	3,164.98	
33 42 11 00-1363	EA		Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	3,364.96	
33 42 11 00-1364	EA		Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	3,564.98	
33 42 11 00-1365	EA		Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	3,763.28	
33 42 11 00-1366	EA		Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe).....	3,972.65	
33 42 11 00-1367	EA		Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	4,193.65	
33 42 11 00-1368	EA		Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	4,426.92	
<b>33 42 11 00-1369</b>			<b>Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting</b> <small>(33 42 11 00-1312)</small>		
			Note: Applied to pipe tasks.		
33 42 11 00-1370	EA		Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	53.15	
33 42 11 00-1371	EA		Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	66.86	
33 42 11 00-1372	EA		Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	84.10	
33 42 11 00-1373	EA		Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	102.98	
33 42 11 00-1374	EA		Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	130.31	
33 42 11 00-1375	EA		Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	159.56	
33 42 11 00-1376	EA		Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	186.90	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

33 42 11 00-1377	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	217.14	
33 42 11 00-1378	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	266.70	
33 42 11 00-1379	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	317.99	
33 42 11 00-1380	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	379.42	
33 42 11 00-1381	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	466.73	
33 42 11 00-1382	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	528.28	
33 42 11 00-1383	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	594.93	
33 42 11 00-1384	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	721.47	
33 42 11 00-1385	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	800.08	
33 42 11 00-1386	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	976.18	
33 42 11 00-1387	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting .....	1,063.41	
33 42 11 00-1388	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,155.76	
33 42 11 00-1389	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,246.30	
33 42 11 00-1390	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,338.63	
33 42 11 00-1391	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,432.64	
33 42 11 00-1392	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,524.99	
33 42 11 00-1393	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,617.29	
33 42 11 00-1394	EA	Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,715.18	
33 42 11 00-1395	EA	Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,818.97	
33 42 11 00-1396	EA	Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,929.06	

**33 42 11 00-1397 Coupling Bands, Corrugated Metal Pipe Fitting** (33 42 11 00-1312)

33 42 11 00-1398	EA	6" Coupling Band, Corrugated Metal Pipe Fitting.....	18.41	
		<i>For Bituminous Coated, Add</i>	5.34	
33 42 11 00-1399	EA	8" Coupling Band, Corrugated Metal Pipe Fitting.....	24.45	
		<i>For Bituminous Coated, Add</i>	7.09	
33 42 11 00-1400	EA	10" Coupling Band, Corrugated Metal Pipe Fitting.....	30.80	
		<i>For Bituminous Coated, Add</i>	8.93	
33 42 11 00-1401	EA	12" Coupling Band, Corrugated Metal Pipe Fitting.....	51.11	
		<i>For Bituminous Coated, Add</i>	14.82	
33 42 11 00-1402	EA	15" Coupling Band, Corrugated Metal Pipe Fitting.....	64.45	
		<i>For Bituminous Coated, Add</i>	18.69	
33 42 11 00-1403	EA	18" Coupling Band, Corrugated Metal Pipe Fitting.....	94.56	
		<i>For Bituminous Coated, Add</i>	27.42	
33 42 11 00-1404	EA	21" Coupling Band, Corrugated Metal Pipe Fitting.....	112.23	
		<i>For Bituminous Coated, Add</i>	32.55	
33 42 11 00-1405	EA	24" Coupling Band, Corrugated Metal Pipe Fitting.....	127.26	
		<i>For Bituminous Coated, Add</i>	36.91	
33 42 11 00-1406	EA	30" Coupling Band, Corrugated Metal Pipe Fitting.....	220.22	
		<i>For Bituminous Coated, Add</i>	63.86	
33 42 11 00-1407	EA	36" Coupling Band, Corrugated Metal Pipe Fitting.....	352.35	
		<i>For Bituminous Coated, Add</i>	84.56	
33 42 11 00-1408	EA	42" Coupling Band, Corrugated Metal Pipe Fitting.....	413.99	
		<i>For Bituminous Coated, Add</i>	99.36	
33 42 11 00-1409	EA	48" Coupling Band, Corrugated Metal Pipe Fitting.....	463.89	
		<i>For Bituminous Coated, Add</i>	111.33	
33 42 11 00-1410	EA	54" Coupling Band, Corrugated Metal Pipe Fitting.....	657.87	
		<i>For Bituminous Coated, Add</i>	157.89	
33 42 11 00-1411	EA	60" Coupling Band, Corrugated Metal Pipe Fitting.....	940.95	
		<i>For Bituminous Coated, Add</i>	169.37	
33 42 11 00-1412	EA	66" Coupling Band, Corrugated Metal Pipe Fitting.....	1,156.41	
		<i>For Bituminous Coated, Add</i>	208.15	
33 42 11 00-1413	EA	72" Coupling Band, Corrugated Metal Pipe Fitting.....	1,485.48	
		<i>For Bituminous Coated, Add</i>	207.97	
33 42 11 00-1414	EA	78" Coupling Band, Corrugated Metal Pipe Fitting.....	1,588.82	
		<i>For Bituminous Coated, Add</i>	222.43	
33 42 11 00-1415	EA	84" Coupling Band, Corrugated Metal Pipe Fitting.....	1,692.74	
		<i>For Bituminous Coated, Add</i>	236.98	
33 42 11 00-1416	EA	90" Coupling Band, Corrugated Metal Pipe Fitting.....	1,796.13	
		<i>For Bituminous Coated, Add</i>	251.46	
33 42 11 00-1417	EA	96" Coupling Band, Corrugated Metal Pipe Fitting.....	1,899.79	
		<i>For Bituminous Coated, Add</i>	265.97	
33 42 11 00-1418	EA	102" Coupling Band, Corrugated Metal Pipe Fitting.....	2,003.71	
		<i>For Bituminous Coated, Add</i>	280.52	
33 42 11 00-1419	EA	108" Coupling Band, Corrugated Metal Pipe Fitting.....	2,107.15	
		<i>For Bituminous Coated, Add</i>	295.00	
33 42 11 00-1420	EA	114" Coupling Band, Corrugated Metal Pipe Fitting.....	2,495.69	
		<i>For Bituminous Coated, Add</i>	299.48	
33 42 11 00-1421	EA	120" Coupling Band, Corrugated Metal Pipe Fitting.....	2,313.89	
		<i>For Bituminous Coated, Add</i>	277.67	
33 42 11 00-1422	EA	126" Coupling Band, Corrugated Metal Pipe Fitting.....	2,417.01	
		<i>For Bituminous Coated, Add</i>	290.04	
33 42 11 00-1423	EA	132" Coupling Band, Corrugated Metal Pipe Fitting.....	2,520.88	
		<i>For Bituminous Coated, Add</i>	302.51	
33 42 11 00-1424	EA	138" Coupling Band, Corrugated Metal Pipe Fitting.....	2,624.86	
		<i>For Bituminous Coated, Add</i>	314.98	

**33 42 11 00-1425 Sewers** (33 42 11)

Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.



	<b>Utilities</b>	<b>33</b>	
	Stormwater Utilities	33 40	33
	Stormwater Conveyance	33 42	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1426	LF		Storm Sewers, Type 1, 8".....	99.85	
33 42 11 00-1427	LF		Storm Sewers, Type 1, 10".....	139.77	
33 42 11 00-1428	LF		Storm Sewers, Type 1, 12".....	166.65	
33 42 11 00-1429	LF		Storm Sewers, Type 1, 15".....	264.36	
33 42 11 00-1430	LF		Storm Sewers, Type 1, 18".....	368.05	
33 42 11 00-1431	LF		Storm Sewers, Type 1, 20".....	428.18	
33 42 11 00-1432	LF		Storm Sewers, Type 1, 24".....	778.51	
33 42 11 00-1433	LF		Storm Sewers, Type 1, 27".....	912.73	
33 42 11 00-1434	LF		Storm Sewers, Type 1, 30".....	1,062.88	
33 42 11 00-1435	LF		Storm Sewers, Type 1, 36".....	1,360.76	
33 42 11 00-1436	LF		Storm Sewers, Type 2, 8".....	68.14	
33 42 11 00-1437	LF		Storm Sewers, Type 2, 10".....	73.63	
33 42 11 00-1438	LF		Storm Sewers, Type 2, 12".....	99.09	
33 42 11 00-1439	LF		Storm Sewers, Type 2, 15".....	160.29	
33 42 11 00-1440	LF		Storm Sewers, Type 2, 18".....	215.98	
33 42 11 00-1441	LF		Storm Sewers, Type 2, 21".....	307.55	
33 42 11 00-1442	LF		Storm Sewers, Type 2, 24".....	162.33	
33 42 11 00-1443	LF		Storm Sewers, Type 2, 27".....	200.67	
33 42 11 00-1444	LF		Storm Sewers, Type 2, 30".....	214.82	
33 42 11 00-1445	LF		Storm Sewers, Type 2, 36".....	267.87	
33 42 11 00-1446	LF		Storm Sewers, Type 3, 8".....	92.57	
33 42 11 00-1447	LF		Storm Sewers, Type 3, 10".....	107.55	
33 42 11 00-1448	LF		Storm Sewers, Type 3, 12".....	127.73	
33 42 11 00-1449	LF		Storm Sewers, Type 3, 15".....	194.68	
33 42 11 00-1450	LF		Storm Sewers, Type 3, 18".....	258.39	
33 42 11 00-1451	LF		Storm Sewers, Type 3, 21".....	359.19	
33 42 11 00-1452	LF		Storm Sewers, Type 3, 24".....	203.54	
33 42 11 00-1453	LF		Storm Sewers, Type 3, 27".....	250.54	
33 42 11 00-1454	LF		Storm Sewers, Type 3, 30".....	267.65	
33 42 11 00-1455	LF		Storm Sewers, Type 3, 36".....	327.74	
33 42 11 00-1456	LF		Storm Sewers, Type 4, 8".....	116.95	
33 42 11 00-1457	LF		Storm Sewers, Type 4, 10".....	133.50	
33 42 11 00-1458	LF		Storm Sewers, Type 4, 12".....	156.35	
33 42 11 00-1459	LF		Storm Sewers, Type 4, 15".....	229.07	
33 42 11 00-1460	LF		Storm Sewers, Type 4, 18".....	300.89	
33 42 11 00-1461	LF		Storm Sewers, Type 4, 21".....	410.95	
33 42 11 00-1462	LF		Storm Sewers, Type 4, 24".....	244.74	
33 42 11 00-1463	LF		Storm Sewers, Type 4, 27".....	300.44	
33 42 11 00-1464	LF		Storm Sewers, Type 4, 30".....	320.49	
33 42 11 00-1465	LF		Storm Sewers, Type 4, 36".....	387.72	
33 42 11 00-1466	LF		Storm Sewer Removal, 8", (0 > 150).....	23.47	
33 42 11 00-1467	LF		Storm Sewer Removal, 8", (150 > 300).....	19.56	
33 42 11 00-1468	LF		Storm Sewer Removal, 8", (300 > 600).....	17.07	
33 42 11 00-1469	LF		Storm Sewer Removal, 8", (600 >).....	14.86	
33 42 11 00-1470	LF		Storm Sewer Removal, 10", (0 > 150).....	25.05	
33 42 11 00-1471	LF		Storm Sewer Removal, 10", (150 > 300).....	21.13	
33 42 11 00-1472	LF		Storm Sewer Removal, 10", (300 > 600).....	18.78	
33 42 11 00-1473	LF		Storm Sewer Removal, 10", (600 >).....	17.21	
33 42 11 00-1474	LF		Storm Sewer Removal, 12", (0 > 150).....	26.91	
33 42 11 00-1475	LF		Storm Sewer Removal, 12", (150 > 300).....	21.90	
33 42 11 00-1476	LF		Storm Sewer Removal, 12", (300 > 600).....	20.34	
33 42 11 00-1477	LF		Storm Sewer Removal, 12", (600 >).....	18.14	
33 42 11 00-1478	LF		Storm Sewer Removal, 15", (0 > 150).....	30.84	
33 42 11 00-1479	LF		Storm Sewer Removal, 15", (150 > 300).....	25.74	
33 42 11 00-1480	LF		Storm Sewer Removal, 15", (300 > 600).....	21.45	
33 42 11 00-1481	LF		Storm Sewer Removal, 15", (600 >).....	18.01	
33 42 11 00-1482	CY		Abandon Existing Storm Sewer, (Includes Filling).....	253.57	
33 42 11 00-1483	LF		Clean Storm Sewer, Less Than 24" Diameter.....	17.45	
33 42 11 00-1484	LF		Clean Storm Sewer, Between 24" And 36" Diameter.....	28.58	
33 42 11 00-1485	LF		Clean Storm Sewer, Between 36" And 60" Diameter.....	39.68	
33 42 11 00-1486	LF		House Drain Replacement.....	60.91	
33 42 11 00-1487	LF		Televise Storm Sewer, Any Diameter, (0 > 300).....	7.36	
33 42 11 00-1488	LF		Televise Storm Sewer, Any Diameter, (300 > 600).....	6.11	
33 42 11 00-1489	LF		Televise Storm Sewer, Any Diameter, (600 > 1500).....	5.05	
33 42 11 00-1490	LF		Televise Storm Sewer, Any Diameter, (1500 > 3000).....	4.24	
33 42 11 00-1491	LF		Televise Storm Sewer, Any Diameter, (3000 >).....	2.29	

**33 42 23 Headwalls and Endwalls for Stormwater Piping (33 42)**

**33 42 23 00-0001 Headwalls (33 42 23)**  
 Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

**33 42 23 00-0002 Cast In Place Concrete Headwalls (33 42 23 00-0001)**  
 Note: Includes concrete, forms, rebar (where required), finish and curing.

**33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall (33 42 23 00-0002)**  
 Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	1,766.87	767.11
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	2,223.71	818.25
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	2,909.33	1,071.80
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	4,564.56	1,534.23
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall.....	6,351.49	2,045.63



**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0009 EA 36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	7,628.84	2,696.38
33 42 23 00-0010 EA 42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	10,467.66	3,719.31
33 42 23 00-0011 EA 48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	12,448.89	4,383.46
33 42 23 00-0012 EA 54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	14,970.41	5,336.49
33 42 23 00-0013 EA 60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall .....	17,951.11	6,459.89
<b>33 42 23 00-0014 Precast Concrete Headwalls (33 42 23 00-0001)</b>		
33 42 23 00-0015 EA 12" Pipe, Precast Concrete Headwall .....	1,021.68	205.79
33 42 23 00-0016 EA 15" Pipe, Precast Concrete Headwall .....	1,055.98	217.22
33 42 23 00-0017 EA 18" Pipe, Precast Concrete Headwall .....	1,161.89	246.95
33 42 23 00-0018 EA 24" Pipe, Precast Concrete Headwall .....	1,284.28	262.95
33 42 23 00-0019 EA 30" Pipe, Precast Concrete Headwall .....	1,731.08	308.69
33 42 23 00-0020 EA 36" Pipe, Precast Concrete Headwall .....	1,942.93	320.12
33 42 23 00-0021 EA 42" Pipe, Precast Concrete Headwall .....	2,541.75	370.35
33 42 23 00-0022 EA 48" Pipe, Precast Concrete Headwall .....	2,808.78	408.02
33 42 23 00-0023 EA 54" Pipe, Precast Concrete Headwall .....	3,101.82	432.03
33 42 23 00-0024 EA 60" Pipe, Precast Concrete Headwall .....	3,523.35	432.03
33 42 23 00-0025 EA 72" Pipe, Precast Concrete Headwall .....	4,270.44	540.03
33 42 23 00-0026 EA 84" Pipe, Precast Concrete Headwall .....	6,069.63	648.05
<b>33 42 23 00-0027 Precast Concrete Wingwalls (33 42 23 00-0001)</b>		
33 42 23 00-0028 EA 18" ID Pipe (26" Hole) Precast Concrete Wingwall .....	6,287.52	2,138.55
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0029 EA 24" ID Pipe (32" Hole) Precast Concrete Wingwall .....	6,647.55	2,376.16
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0030 EA 30" ID Pipe (42" Hole) Precast Concrete Wingwall .....	7,247.59	2,772.18
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0031 EA 33" ID Pipe (46" Hole) Precast Concrete Wingwall .....	7,847.63	3,168.21
Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
33 42 23 00-0032 EA 36" ID Pipe (50" Hole) Precast Concrete Wingwall .....	7,847.63	3,168.21
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0033 EA 44" ID Pipe (58" Hole) Precast Concrete Wingwall .....	8,087.64	3,326.62
Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0034 EA 48" ID Pipe (62" Hole) Precast Concrete Wingwall .....	14,238.90	3,405.82
Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.		
33 42 23 00-0035 EA 52" ID Pipe (66" Hole) Precast Concrete Wingwall .....	14,598.92	3,643.45
Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.		
<b>33 42 23 00-0036 Precast Concrete Transverse Drainage Interceptor (33 42 23 00-0001)</b>		
33 42 23 00-0037 EA 34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate .....	3,957.30	840.05
<b>33 42 26 End Sections for Stormwater Piping (33 42)</b>		
<b>33 42 26 16 Corrugated Metal End Sections for Stormwater Piping (33 42 26)</b>		
<b>33 42 26 16-0001 Corrugated Metal Pipe End Sections (33 42 26 16)</b>		
<b>33 42 26 16-0002 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0001)</b>		
<b>33 42 26 16-0003 Type 1 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)</b>		
Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004 EA 12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section .....	346.62	80.03
33 42 26 16-0005 EA 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section .....	404.84	85.75
33 42 26 16-0006 EA 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section .....	475.74	91.47
33 42 26 16-0007 EA 21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section .....	579.99	100.04
33 42 26 16-0008 EA 24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section .....	643.28	108.62
<b>33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)</b>		
Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010 EA 30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	1,055.90	122.90
33 42 26 16-0011 EA 36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	1,369.57	144.01
33 42 26 16-0012 EA 42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	2,125.27	168.01
33 42 26 16-0013 EA 48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	2,601.45	192.02
33 42 26 16-0014 EA 54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	3,094.57	240.01
33 42 26 16-0015 EA 60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section .....	3,610.93	288.02
<b>33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections (33 42 26 16-0002)</b>		
Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0017 EA 12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	363.29	80.03
33 42 26 16-0018 EA 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	421.98	85.75
33 42 26 16-0019 EA 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	502.09	91.47
33 42 26 16-0020 EA 21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	611.63	100.04
33 42 26 16-0021 EA 24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	679.15	108.62
33 42 26 16-0022 EA 30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	1,166.06	122.90
33 42 26 16-0023 EA 36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	1,507.29	144.01
33 42 26 16-0024 EA 42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section .....	2,423.97	168.01



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26	16-0025	EA	48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,986.92	192.02
33 42 26	16-0026	EA	54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,484.38	240.01
33 42 26	16-0027	EA	60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,845.55	288.02
33 42 26	16-0028	EA	66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	5,458.94	432.03
33 42 26	16-0029	EA	72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	6,361.04	576.04
33 42 26	16-0030	EA	78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	6,932.49	618.04
33 42 26	16-0031	EA	84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	7,518.24	660.05
<b>33 42 26</b>	<b>16-0032</b>		<b>Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section (33</b>		
			<small>42 26 16-0002)</small>		
33 42 26	16-0033	EA	Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section .....	47.10	
33 42 26	16-0034	EA	Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section .....	52.65	
33 42 26	16-0035	EA	Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section .....	59.47	
33 42 26	16-0036	EA	Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section .....	64.68	
33 42 26	16-0037	EA	Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section .....	72.47	
33 42 26	16-0038	EA	Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section .....	127.53	
33 42 26	16-0039	EA	Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section .....	137.21	
33 42 26	16-0040	EA	Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section .....	188.92	
33 42 26	16-0041	EA	Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section .....	202.01	
33 42 26	16-0042	EA	Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section .....	247.00	
33 42 26	16-0043	EA	Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section .....	252.71	
33 42 26	16-0044	EA	Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section .....	269.09	
33 42 26	16-0045	EA	Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section .....	303.99	
33 42 26	16-0046	EA	Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section .....	340.19	
33 42 26	16-0047	EA	84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	348.07	
<b>33 42 26</b>	<b>16-0048</b>		<b>Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0001)</b>		
<b>33 42 26</b>	<b>16-0049</b>		<b>Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)</b>		
			Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26	16-0050	EA	17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	404.84	85.75
33 42 26	16-0051	EA	21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	475.74	91.47
33 42 26	16-0052	EA	24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	579.99	100.04
33 42 26	16-0053	EA	28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section .....	643.28	108.62
<b>33 42 26</b>	<b>16-0054</b>		<b>Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)</b>		
			Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26	16-0055	EA	17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	390.44	85.75
33 42 26	16-0056	EA	21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	449.13	91.47
33 42 26	16-0057	EA	24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	503.79	100.04
33 42 26	16-0058	EA	28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	570.52	108.62
33 42 26	16-0059	EA	35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	848.48	122.90
33 42 26	16-0060	EA	42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,245.85	144.01
33 42 26	16-0061	EA	49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,961.30	168.01
33 42 26	16-0062	EA	57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section .....	2,492.18	192.02
<b>33 42 26</b>	<b>16-0063</b>		<b>Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)</b>		
			Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26	16-0064	EA	17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	397.75	85.75
33 42 26	16-0065	EA	21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	465.00	91.47
33 42 26	16-0066	EA	24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	528.61	100.04
33 42 26	16-0067	EA	28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	599.94	108.62
33 42 26	16-0068	EA	35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	898.48	122.90
33 42 26	16-0069	EA	42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	1,314.06	144.01
33 42 26	16-0070	EA	49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	2,070.40	168.01
33 42 26	16-0071	EA	57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	2,617.74	192.02
33 42 26	16-0072	EA	64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	3,146.16	240.01
33 42 26	16-0073	EA	71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	4,146.61	288.02
33 42 26	16-0074	EA	77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	5,775.76	432.03
33 42 26	16-0075	EA	83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section .....	6,356.80	576.04
<b>33 42 26</b>	<b>16-0076</b>		<b>Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End</b>		
			<b>Section (33 42 26 16-0048)</b>		
33 42 26	16-0077	EA	Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section .....	52.65	
33 42 26	16-0078	EA	Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section .....	59.47	
33 42 26	16-0079	EA	Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section .....	64.68	
33 42 26	16-0080	EA	Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section .....	72.47	
33 42 26	16-0081	EA	Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section .....	127.53	
33 42 26	16-0082	EA	Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section .....	137.21	
33 42 26	16-0083	EA	Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section .....	188.92	
33 42 26	16-0084	EA	Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section .....	210.26	
33 42 26	16-0085	EA	Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section .....	247.00	
33 42 26	16-0086	EA	Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section .....	255.99	
33 42 26	16-0087	EA	Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section .....	295.86	
33 42 26	16-0088	EA	Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section .....	333.47	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26	16-0089		Corrugated Aluminum Pipe End Sections (33 42 26 16-0001)		
33 42 26	16-0090		Corrugated Aluminum Pipe End Sections (33 42 26 16-0089)		
33 42 26	16-0091	EA	12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	540.36	80.03
33 42 26	16-0092	EA	15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	625.43	85.75
33 42 26	16-0093	EA	18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	745.70	91.47
33 42 26	16-0094	EA	21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	929.95	100.04
33 42 26	16-0095	EA	24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,223.69	108.62
33 42 26	16-0096	EA	30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	1,851.54	122.90
33 42 26	16-0097	EA	36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	2,521.84	144.01
33 42 26	16-0098	EA	36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	3,155.69	144.01
33 42 26	16-0099	EA	42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,032.23	168.01
33 42 26	16-0100	EA	48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	5,777.46	192.02
33 42 26	16-0101	EA	54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	6,386.84	240.01
33 42 26	16-0102	EA	60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	8,625.00	288.02
33 42 26	16-0103	EA	66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,719.79	432.03
33 42 26	16-0104	EA	72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	11,335.49	576.04
33 42 26	16-0105	EA	78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	12,385.46	618.04
33 42 26	16-0106	EA	84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	13,065.25	660.05
33 42 26	16-0107	EA	90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	17,959.87	720.05
33 42 26	16-0108	EA	96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	19,890.26	780.05
33 42 26	16-0109		Toe Plate Extensions For Corrugated Aluminum Pipe End Section (33 42 26 16-0089)		
33 42 26	16-0110	EA	Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	84.60	
33 42 26	16-0111	EA	Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	89.84	
33 42 26	16-0112	EA	Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	97.78	
33 42 26	16-0113	EA	Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section	110.37	
33 42 26	16-0114	EA	Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	116.92	
33 42 26	16-0115	EA	Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	151.06	
33 42 26	16-0116	EA	Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section	178.23	
33 42 26	16-0117	EA	Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	188.81	
33 42 26	16-0118	EA	Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	207.19	
33 42 26	16-0119	EA	Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	234.22	
33 42 26	16-0120	EA	Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section	277.55	
33 42 26	16-0121	EA	Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	394.06	
33 42 26	16-0122	EA	Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	422.06	
33 42 26	16-0123	EA	Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	529.90	
33 42 26	16-0124	EA	Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	572.82	
33 42 26	16-0125	EA	Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	610.14	
33 42 26	16-0126	EA	Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	649.51	
33 42 26	16-0127	EA	Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	689.15	
33 42 26	16-0128		Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0001)		
33 42 26	16-0129		Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0128)		
33 42 26	16-0130	EA	17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	645.91	85.75
33 42 26	16-0131	EA	21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	795.64	91.47
33 42 26	16-0132	EA	24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	863.72	100.04
33 42 26	16-0133	EA	28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	931.74	108.62
33 42 26	16-0134	EA	35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,413.61	122.90
33 42 26	16-0135	EA	42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,550.97	144.01
33 42 26	16-0136	EA	42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,711.68	144.01
33 42 26	16-0137	EA	49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	3,635.85	168.01
33 42 26	16-0138	EA	57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	5,623.11	192.02
33 42 26	16-0139	EA	64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	6,428.74	240.01
33 42 26	16-0140	EA	71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	7,773.93	288.02
33 42 26	16-0141	EA	77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	13,046.45	432.03
33 42 26	16-0142	EA	83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	13,636.19	576.04
33 42 26	16-0143	EA	87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	14,851.70	618.04
33 42 26	16-0144	EA	95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	15,494.47	660.05
33 42 26	16-0145	EA	103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	16,888.79	720.05
33 42 26	16-0146	EA	112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	17,883.61	780.05
33 42 26	16-0147		Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33 42 26 16-0128)		
33 42 26	16-0148	EA	Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	89.84	
33 42 26	16-0149	EA	Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	97.78	
33 42 26	16-0150	EA	Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	102.96	
33 42 26	16-0151	EA	Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	112.85	
33 42 26	16-0152	EA	Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	127.78	
33 42 26	16-0153	EA	Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	164.84	
33 42 26	16-0154	EA	Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	181.72	
33 42 26	16-0155	EA	Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	207.19	
33 42 26	16-0156	EA	Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	234.22	
33 42 26	16-0157	EA	Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	277.55	
33 42 26	16-0158	EA	Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	356.52	
33 42 26	16-0159	EA	Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	453.49	
33 42 26	16-0160	EA	Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	608.48	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0161 EA Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	692.43	
33 42 26 16-0162 EA Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	724.22	
33 42 26 16-0163 EA Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	749.62	
33 42 26 16-0164 EA Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section .....	781.11	
<b>33 42 26 16-0165 Low Slope Corrugated Steel Pipe End Sections And Accessories (33 42 26 16-0001)</b>		
<b>33 42 26 16-0166 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)</b>		
33 42 26 16-0167 EA 15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	842.67	85.75
33 42 26 16-0168 EA 18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	1,093.92	91.47
33 42 26 16-0169 EA 21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	1,344.94	100.04
33 42 26 16-0170 EA 24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	1,614.06	108.62
33 42 26 16-0171 EA 30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	1,703.98	122.90
33 42 26 16-0172 EA 36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	2,227.60	144.01
33 42 26 16-0173 EA 42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section .....	3,556.68	168.01
<b>33 42 26 16-0174 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)</b>		
Note: Includes nut and bolt set.		
33 42 26 16-0175 EA 3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section .....	609.02	
33 42 26 16-0176 EA 3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section .....	1,239.87	
33 42 26 16-0177 EA 3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section .....	1,360.68	
33 42 26 16-0178 EA 3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section .....	1,413.55	
<b>33 42 26 16-0179 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)</b>		
33 42 26 16-0180 EA 15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	884.29	85.75
33 42 26 16-0181 EA 18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	1,168.78	91.47
33 42 26 16-0182 EA 21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	1,565.24	100.04
33 42 26 16-0183 EA 24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	1,843.02	108.62
33 42 26 16-0184 EA 30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	2,190.04	122.90
33 42 26 16-0185 EA 36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	2,656.62	144.01
33 42 26 16-0186 EA 42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section .....	4,093.45	168.01
<b>33 42 26 16-0187 3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)</b>		
Note: Includes nut and bolt set.		
33 42 26 16-0188 EA 3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section .....	1,199.44	
33 42 26 16-0189 EA 3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section .....	1,271.30	
33 42 26 16-0190 EA 3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section .....	1,397.83	
33 42 26 16-0191 EA 3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section .....	1,464.98	
<b>33 42 26 16-0192 Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section (33 42 26 16-0165)</b>		
33 42 26 16-0193 EA Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section .....	100.87	
33 42 26 16-0194 EA Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section .....	113.77	
33 42 26 16-0195 EA Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section .....	123.89	
33 42 26 16-0196 EA Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section .....	138.56	
33 42 26 16-0197 EA Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section .....	214.00	
33 42 26 16-0198 EA Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section .....	229.72	
33 42 26 16-0199 EA Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section .....	310.31	
<b>33 42 26 16-0200 Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories (33 42 26 16-0001)</b>		
<b>33 42 26 16-0201 4:1 Corrugated Steel Pipe-Arch End Section (33 42 26 16-0200)</b>		
33 42 26 16-0202 EA 21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	1,006.25	91.47
33 42 26 16-0203 EA 24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	1,269.42	100.04
33 42 26 16-0204 EA 28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	1,507.10	108.62
33 42 26 16-0205 EA 35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section .....	2,878.28	122.90
<b>33 42 26 16-0206 3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0200)</b>		
Note: Includes nut and bolt set.		
33 42 26 16-0207 EA 3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section .....	728.12	
33 42 26 16-0208 EA 3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section .....	1,342.35	
33 42 26 16-0209 EA 3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section .....	1,413.55	
33 42 26 16-0210 EA 3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section .....	2,089.30	
<b>33 42 26 16-0211 Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section (33 42 26 16-0200)</b>		
33 42 26 16-0212 EA Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section .....	101.82	
33 42 26 16-0213 EA Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section .....	115.88	



**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section.....	126.37	
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section.....	149.42	

**33 42 26 19 Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping** (33 42 26)

**33 42 26 19-0001 Corrugated High-Density Polyethylene (HDPE) Pipe End Sections** (33 42 26 19)

33 42 26 19-0002	EA	4" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	70.96	21.87
33 42 26 19-0003	EA	6" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	136.36	32.82
33 42 26 19-0004	EA	8" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	187.01	41.01
33 42 26 19-0005	EA	10" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	294.00	65.62
33 42 26 19-0006	EA	12" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	351.30	73.83
33 42 26 19-0007	EA	15" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	372.42	79.30
33 42 26 19-0008	EA	18" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	447.35	87.50
33 42 26 19-0009	EA	24" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	582.84	103.90
33 42 26 19-0010	EA	30" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	1,252.99	117.58
33 42 26 19-0011	EA	36" End Section, Corrugated High-Density Polyethylene (HDPE) Pipe.....	1,534.81	131.24

**33 42 26 23 Concrete End Sections for Stormwater Piping** (33 42 26)

**33 42 26 23-0001 Precast Concrete End Sections** (33 42 26 23)

**33 42 26 23-0002 Precast Concrete End Sections** (33 42 26 23-0001)

33 42 26 23-0003	EA	12" Diameter Pipe, Precast Concrete End Section.....	734.22	134.10
33 42 26 23-0004	EA	15" Diameter Pipe, Precast Concrete End Section.....	983.33	166.00
33 42 26 23-0005	EA	18" Diameter Pipe, Precast Concrete End Section.....	1,218.28	210.13
33 42 26 23-0006	EA	21" Diameter Pipe, Precast Concrete End Section.....	1,399.73	251.29
33 42 26 23-0007	EA	24" Diameter Pipe, Precast Concrete End Section.....	1,491.57	290.85
33 42 26 23-0008	EA	27" Diameter Pipe, Precast Concrete End Section.....	1,871.32	357.63
33 42 26 23-0009	EA	30" Diameter Pipe, Precast Concrete End Section.....	2,327.57	537.15
33 42 26 23-0010	EA	36" Diameter Pipe, Precast Concrete End Section.....	2,875.93	677.80
33 42 26 23-0011	EA	42" Diameter Pipe, Precast Concrete End Section.....	3,483.82	850.25
33 42 26 23-0012	EA	48" Diameter Pipe, Precast Concrete End Section.....	3,822.11	958.87
33 42 26 23-0013	EA	54" Diameter Pipe, Precast Concrete End Section.....	4,172.98	1,074.07
33 42 26 23-0014	EA	60" Diameter Pipe, Precast Concrete End Section.....	4,532.87	1,194.08

**33 42 26 23-0015 Flared Precast Concrete End Sections** (33 42 26 23-0001)

33 42 26 23-0016	EA	12" Diameter Pipe, Flared Precast Concrete End Section.....	915.60	139.81
33 42 26 23-0017	EA	15" Diameter Pipe, Flared Precast Concrete End Section.....	1,103.30	174.25
33 42 26 23-0018	EA	18" Diameter Pipe, Flared Precast Concrete End Section.....	1,340.76	220.58
33 42 26 23-0019	EA	21" Diameter Pipe, Flared Precast Concrete End Section.....	1,533.75	263.78
33 42 26 23-0020	EA	24" Diameter Pipe, Flared Precast Concrete End Section.....	1,869.12	305.30
33 42 26 23-0021	EA	27" Diameter Pipe, Flared Precast Concrete End Section.....	2,271.46	487.60
33 42 26 23-0022	EA	30" Diameter Pipe, Flared Precast Concrete End Section.....	2,387.13	671.33
33 42 26 23-0023	EA	36" Diameter Pipe, Flared Precast Concrete End Section.....	3,216.56	847.25
33 42 26 23-0024	EA	42" Diameter Pipe, Flared Precast Concrete End Section.....	3,866.55	1,063.03
33 42 26 23-0025	EA	48" Diameter Pipe, Flared Precast Concrete End Section.....	4,190.88	1,198.88
33 42 26 23-0026	EA	54" Diameter Pipe, Flared Precast Concrete End Section.....	4,687.82	1,342.77
33 42 26 23-0027	EA	60" Diameter Pipe, Flared Precast Concrete End Section.....	5,194.50	1,491.46

**33 42 31 Stormwater Area Drains and Inlets** (33 42)

**33 42 31 00-0001 Storm Drains** (33 42 31)  
See CSI section 33 05 61 00-0001 for manhole structures.

**33 42 31 00-0002 Catch Basins And Inlet Basins** (33 42 31 00-0001)  
Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.

**33 42 31 00-0003 Cast In Place, Grate Drop Inlet Basins** (33 42 31 00-0002)  
Note: Inside dimensions.

**33 42 31 00-0004 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins** (33 42 31 00-0003)

33 42 31 00-0005	EA	2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,007.69	377.31
33 42 31 00-0006	EA	3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,396.12	442.09
33 42 31 00-0007	EA	4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,784.54	506.75
33 42 31 00-0008	EA	5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,172.97	571.53
33 42 31 00-0009	EA	6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,561.39	636.19

**33 42 31 00-0010 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins** (33 42 31 00-0003)

33 42 31 00-0011	EA	2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	2,561.84	375.03
33 42 31 00-0012	EA	3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	3,174.82	500.04
33 42 31 00-0013	EA	4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	4,060.61	681.88
33 42 31 00-0014	EA	5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	4,940.50	795.52
33 42 31 00-0015	EA	6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin.....	5,643.89	909.17

**33 42 31 00-0016 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins** (33 42 31 00-0003)





	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0017 EA 2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	2,752.51	409.13
33 42 31 00-0018 EA 3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	3,812.18	568.23
33 42 31 00-0019 EA 4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	4,665.94	738.71
33 42 31 00-0020 EA 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	5,388.43	852.35
33 42 31 00-0021 EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin .....	6,836.42	1,091.01
<b>33 42 31 00-0022 Precast Concrete Catch Basins (33 42 31 00-0002)</b>		
Note: Inside dimensions.		
<b>33 42 31 00-0023 1'-6" Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0024 EA 4' Deep, 1'-6" Diameter Precast Catch Basins.....	776.71	242.87
33 42 31 00-0025 EA 6' Deep, 1'-6" Diameter Precast Catch Basins.....	1,081.61	364.30
33 42 31 00-0026 EA 8' Deep, 1'-6" Diameter Precast Catch Basins.....	1,371.66	473.59
33 42 31 00-0027 EA 10' Deep, 1'-6" Diameter Precast Catch Basins.....	1,642.21	559.80
33 42 31 00-0028 EA 12' Deep, 1'-6" Diameter Precast Catch Basins.....	2,023.36	710.39
33 42 31 00-0029 EA 14' Deep, 1'-6" Diameter Precast Catch Basins.....	2,315.06	819.68
33 42 31 00-0030 VLF Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins .....	161.34	54.64
<b>33 42 31 00-0031 2' Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0032 EA 4' Deep, 2' Diameter Precast Catch Basin.....	884.75	270.19
33 42 31 00-0033 EA 6' Deep, 2' Diameter Precast Catch Basin.....	1,225.31	400.73
33 42 31 00-0034 EA 8' Deep, 2' Diameter Precast Catch Basin.....	1,547.75	528.24
33 42 31 00-0035 EA 10' Deep, 2' Diameter Precast Catch Basin.....	1,847.06	616.28
33 42 31 00-0036 EA 12' Deep, 2' Diameter Precast Catch Basin.....	2,289.65	789.32
33 42 31 00-0037 EA 14' Deep, 2' Diameter Precast Catch Basin.....	2,616.43	910.75
33 42 31 00-0038 VLF Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin .....	182.39	65.57
<b>33 42 31 00-0039 3' Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0040 EA 4' Deep, 3' Diameter Precast Catch Basin.....	1,165.84	318.76
33 42 31 00-0041 EA 6' Deep, 3' Diameter Precast Catch Basin.....	1,592.89	471.16
33 42 31 00-0042 EA 8' Deep, 3' Diameter Precast Catch Basin.....	2,002.70	622.34
33 42 31 00-0043 EA 10' Deep, 3' Diameter Precast Catch Basin.....	2,494.17	777.17
33 42 31 00-0044 EA 12' Deep, 3' Diameter Precast Catch Basin.....	2,946.73	926.54
33 42 31 00-0045 EA 14' Deep, 3' Diameter Precast Catch Basin.....	3,383.88	1,078.33
33 42 31 00-0046 VLF Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin .....	232.93	77.02
<b>33 42 31 00-0047 4' Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0048 EA 4' Deep, 4' Diameter Precast Catch Basin.....	1,408.85	354.58
33 42 31 00-0049 EA 6' Deep, 4' Diameter Precast Catch Basin.....	1,833.50	485.73
33 42 31 00-0050 EA 8' Deep, 4' Diameter Precast Catch Basin.....	2,458.96	728.61
33 42 31 00-0051 EA 10' Deep, 4' Diameter Precast Catch Basin.....	3,068.50	910.75
33 42 31 00-0052 EA 12' Deep, 4' Diameter Precast Catch Basin.....	3,627.93	1,092.90
33 42 31 00-0053 EA 14' Deep, 4' Diameter Precast Catch Basin.....	4,170.21	1,275.05
33 42 31 00-0054 VLF Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin .....	286.36	91.07
<b>33 42 31 00-0055 5' Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0056 EA 4' Deep, 5' Diameter Precast Catch Basin.....	1,897.04	485.73
33 42 31 00-0057 EA 6' Deep, 5' Diameter Precast Catch Basin.....	2,600.18	728.61
33 42 31 00-0058 EA 8' Deep, 5' Diameter Precast Catch Basin.....	3,306.90	971.47
33 42 31 00-0059 EA 10' Deep, 5' Diameter Precast Catch Basin.....	4,045.25	1,214.34
33 42 31 00-0060 EA 12' Deep, 5' Diameter Precast Catch Basin.....	4,773.06	1,457.20
33 42 31 00-0061 EA 14' Deep, 5' Diameter Precast Catch Basin.....	5,555.83	1,700.07
33 42 31 00-0062 VLF Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin .....	381.02	121.44
<b>33 42 31 00-0063 6' Diameter Precast Catch Basins (33 42 31 00-0022)</b>		
33 42 31 00-0064 EA 4' Deep, 6' Diameter Precast Catch Basin.....	2,776.71	728.61
33 42 31 00-0065 EA 6' Deep, 6' Diameter Precast Catch Basin.....	3,769.15	1,092.90
33 42 31 00-0066 EA 8' Deep, 6' Diameter Precast Catch Basin.....	4,829.86	1,457.20
33 42 31 00-0067 EA 10' Deep, 6' Diameter Precast Catch Basin.....	6,019.68	1,821.51
33 42 31 00-0068 EA 12' Deep, 6' Diameter Precast Catch Basin.....	7,174.17	2,185.81
33 42 31 00-0069 EA 14' Deep, 6' Diameter Precast Catch Basin.....	8,302.87	2,550.10
33 42 31 00-0070 VLF Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin .....	568.01	182.15
<b>33 42 31 00-0071 Precast Catch Basins Accessories (33 42 31 00-0022)</b>		
33 42 31 00-0072 EA Single Or Double Wing Slab Top With Throat .....	1,692.12	789.32
33 42 31 00-0073 EA 4' x 4' Weir Box, Precast Catch Basin.....	764.73	97.14
33 42 31 00-0074 EA 4' Diameter Inlet Round To Square Adapter, Precast Catch Basin.....	432.41	103.22
33 42 31 00-0075 EA 3' Diameter, Up To 6" High, Precast Extension Ring.....	540.21	151.79
For Each Additional Inch In Height, Add	64.72	
33 42 31 00-0076 EA 4' Diameter, Up To 6" High, Precast Extension Ring.....	637.37	182.15
For Each Additional Inch In Height, Add	75.84	
33 42 31 00-0077 EA 5' Diameter, Up To 6" High, Precast Extension Ring.....	743.41	212.51
For Each Additional Inch In Height, Add	88.52	

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 42 31 00-0078	EA	6" Diameter, Up To 6" High, Precast Extension Ring.....	932.48	303.58
		<i>For Each Additional Inch In Height, Add</i>	<i>104.87</i>	
33 42 31 00-0079	EA	Adjust Existing Catch Basin Inlet Grate To Match Grade.....	728.55	
<b>33 42 31 00-0080</b>		<b>Catch Basin Risers</b> (33 42 31 00-0022)		
33 42 31 00-0081	EA	Up To 860 Square Inch, Up To 2" Rise, Catch Basin Riser.....	434.33	
33 42 31 00-0082	EA	>860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	484.04	
33 42 31 00-0083	EA	>1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	543.11	
33 42 31 00-0084	EA	Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	467.48	
33 42 31 00-0085	EA	>860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	520.52	
33 42 31 00-0086	EA	>1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	585.97	
33 42 31 00-0087	EA	Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	516.73	
33 42 31 00-0088	EA	>860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	563.86	
33 42 31 00-0089	EA	>1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	629.56	
<b>33 42 31 00-0090</b>		<b>Precast Concrete Inlet Boxes</b> (33 42 31 00-0002)		
		Note: Inside dimensions.		
<b>33 42 31 00-0091</b>		<b>Precast Concrete Inlet Boxes</b> (33 42 31 00-0090)		
<b>33 42 31 00-0092</b>		<b>24" x 24" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0091)		
		Note: Yard inlet.		
<b>33 42 31 00-0093</b>		<b>24" x 24" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0092)		
33 42 31 00-0094	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	871.60	85.01
33 42 31 00-0095	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,024.96	103.22
33 42 31 00-0096	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,178.32	121.44
33 42 31 00-0097	EA	42" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,333.19	140.41
<b>33 42 31 00-0098</b>		<b>24" x 24" ID, Precast Concrete Inlet Box Risers</b> (33 42 31 00-0092)		
33 42 31 00-0099	EA	6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	220.15	
33 42 31 00-0100	EA	12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	355.30	
33 42 31 00-0101	EA	18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	502.58	
33 42 31 00-0102	EA	24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	649.88	
33 42 31 00-0103	EA	30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	797.17	
33 42 31 00-0104	EA	36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser.....	944.46	
<b>33 42 31 00-0105</b>		<b>22" x 48" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0091)		
<b>33 42 31 00-0106</b>		<b>22" x 48" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0105)		
33 42 31 00-0107	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,794.83	240.01
33 42 31 00-0108	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,019.68	277.52
33 42 31 00-0109	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,244.54	315.02
33 42 31 00-0110	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,469.58	352.61
33 42 31 00-0111	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,694.61	390.21
33 42 31 00-0112	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,919.64	427.79
33 42 31 00-0113	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	3,144.67	465.39
<b>33 42 31 00-0114</b>		<b>22" x 48" ID, Precast Concrete Inlet Box Risers</b> (33 42 31 00-0105)		
33 42 31 00-0115	EA	6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	431.19	
33 42 31 00-0116	EA	12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	692.37	
33 42 31 00-0117	EA	18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	753.12	
33 42 31 00-0118	EA	24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	963.69	
33 42 31 00-0119	EA	30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	1,174.26	
33 42 31 00-0120	EA	36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	1,379.12	
33 42 31 00-0121	EA	42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	1,603.97	
33 42 31 00-0122	EA	48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	1,828.82	
33 42 31 00-0123	EA	54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	2,053.86	
33 42 31 00-0124	EA	60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	2,278.89	
33 42 31 00-0125	EA	66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	2,503.93	
33 42 31 00-0126	EA	72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser.....	2,728.96	
<b>33 42 31 00-0127</b>		<b>30" x 48" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0091)		
<b>33 42 31 00-0128</b>		<b>30" x 48" ID, Precast Concrete Inlet Boxes</b> (33 42 31 00-0127)		
33 42 31 00-0129	EA	36" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,733.35	264.02
33 42 31 00-0130	EA	42" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,958.89	305.27
33 42 31 00-0131	EA	48" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,184.42	346.52
33 42 31 00-0132	EA	54" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,410.15	387.87
33 42 31 00-0133	EA	60" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,635.90	429.22
33 42 31 00-0134	EA	66" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,861.63	470.58
33 42 31 00-0135	EA	72" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	3,087.36	511.93
<b>33 42 31 00-0136</b>		<b>30" x 48" ID, Precast Concrete Inlet Box Risers</b> (33 42 31 00-0127)		
33 42 31 00-0137	EA	6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	429.36	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0138 EA 12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	681.08	
33 42 31 00-0139 EA 18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	743.51	
33 42 31 00-0140 EA 24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	950.14	
33 42 31 00-0141 EA 30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	1,156.78	
33 42 31 00-0142 EA 36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	1,362.22	
33 42 31 00-0143 EA 42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	1,584.45	
33 42 31 00-0144 EA 48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	1,805.49	
33 42 31 00-0145 EA 54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	2,027.72	
33 42 31 00-0146 EA 60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	2,248.76	
33 42 31 00-0147 EA 66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	2,470.99	
33 42 31 00-0148 EA 72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser .....	2,693.22	
<b>33 42 31 00-0149 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0091)</b>		
<b>33 42 31 00-0150 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0149)</b>		
33 42 31 00-0151 EA 36" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,059.58	288.02
33 42 31 00-0152 EA 42" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,324.40	334.82
33 42 31 00-0153 EA 48" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,589.20	382.82
33 42 31 00-0154 EA 54" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,852.80	429.63
33 42 31 00-0155 EA 60" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	3,117.62	477.63
33 42 31 00-0156 EA 66" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	3,382.42	524.43
33 42 31 00-0157 EA 72" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	3,646.02	571.24
<b>33 42 31 00-0158 42" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0149)</b>		
33 42 31 00-0159 EA 6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	473.42	
33 42 31 00-0160 EA 12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	766.81	
33 42 31 00-0161 EA 18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	831.02	
33 42 31 00-0162 EA 24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	1,065.23	
33 42 31 00-0163 EA 30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	1,299.44	
33 42 31 00-0164 EA 36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	1,533.65	
33 42 31 00-0165 EA 42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	1,784.05	
33 42 31 00-0166 EA 48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	2,034.46	
33 42 31 00-0167 EA 54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	2,284.86	
33 42 31 00-0168 EA 60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	2,535.26	
33 42 31 00-0169 EA 66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	2,785.68	
33 42 31 00-0170 EA 72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser .....	3,036.08	
<b>33 42 31 00-0171 42" x 48" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0149)</b>		
33 42 31 00-0172 EA 42" x 48" ID, Precast Concrete Inlet Box Top Slab.....	1,169.66	180.01
<b>33 42 31 00-0173 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0091)</b>		
<b>33 42 31 00-0174 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0173)</b>		
33 42 31 00-0175 EA 36" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,915.36	320.02
33 42 31 00-0176 EA 42" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,268.46	372.62
33 42 31 00-0177 EA 48" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,621.56	425.22
33 42 31 00-0178 EA 54" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,974.27	477.63
33 42 31 00-0179 EA 60" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,326.98	530.05
33 42 31 00-0180 EA 66" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,679.70	582.45
33 42 31 00-0181 EA 72" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	5,032.41	634.87
<b>33 42 31 00-0182 48" x 54" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0173)</b>		
33 42 31 00-0183 EA 6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	475.90	
33 42 31 00-0184 EA 12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	755.81	
33 42 31 00-0185 EA 18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	1,103.71	
33 42 31 00-0186 EA 24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	1,451.61	
33 42 31 00-0187 EA 30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	1,779.50	
33 42 31 00-0188 EA 36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	2,127.40	
33 42 31 00-0189 EA 42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	2,480.51	
33 42 31 00-0190 EA 48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	2,833.60	
33 42 31 00-0191 EA 54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	3,186.32	
33 42 31 00-0192 EA 60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	3,539.03	
33 42 31 00-0193 EA 66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	3,891.74	
33 42 31 00-0194 EA 72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser .....	4,244.46	
<b>33 42 31 00-0195 48" x 54" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0173)</b>		
33 42 31 00-0196 EA 48" x 54" ID, Precast Concrete Inlet Box Top Slab.....	1,271.17	195.02
<b>33 42 31 00-0197 48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0091)</b>		
<b>33 42 31 00-0198 48" x 66" ID, Precast Concrete Inlet Boxes (33 42 31 00-0197)</b>		
33 42 31 00-0199 EA 36" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,363.48	403.22
33 42 31 00-0200 EA 42" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,752.43	470.60
33 42 31 00-0201 EA 48" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,141.40	537.97

**33 Utilities****33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 31 00-0202	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,529.61	604.96
	33 42 31 00-0203	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,917.85	671.96
	33 42 31 00-0204	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	5,306.06	738.95
	33 42 31 00-0205	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	5,694.28	805.96
<b>33 42 31 00-0206</b>			<b>48" x 66" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0197)</b>		
	33 42 31 00-0207	EA	6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	523.05	
	33 42 31 00-0208	EA	12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	810.87	
	33 42 31 00-0209	EA	18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,199.51	
	33 42 31 00-0210	EA	24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,588.14	
	33 42 31 00-0211	EA	30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	1,943.18	
	33 42 31 00-0212	EA	36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	2,331.81	
	33 42 31 00-0213	EA	42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	2,720.77	
	33 42 31 00-0214	EA	48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	3,109.73	
	33 42 31 00-0215	EA	54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	3,497.95	
	33 42 31 00-0216	EA	60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	3,886.18	
	33 42 31 00-0217	EA	66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	4,274.40	
	33 42 31 00-0218	EA	72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser.....	4,662.61	
<b>33 42 31 00-0219</b>			<b>48" x 66" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0197)</b>		
	33 42 31 00-0220	EA	48" x 66" ID, Precast Concrete Inlet Box Top Slab.....	1,413.38	218.42
<b>33 42 31 00-0221</b>			<b>42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0091)</b>		
<b>33 42 31 00-0222</b>			<b>42" x 102" ID, Precast Concrete Inlet Boxes (33 42 31 00-0221)</b>		
	33 42 31 00-0223	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,215.48	543.63
	33 42 31 00-0224	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,707.97	633.64
	33 42 31 00-0225	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,200.44	722.45
	33 42 31 00-0226	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,691.73	812.46
	33 42 31 00-0227	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	6,184.21	901.26
	33 42 31 00-0228	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	6,675.50	990.06
	33 42 31 00-0229	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	7,169.19	1,080.07
<b>33 42 31 00-0230</b>			<b>42" x 102" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0221)</b>		
	33 42 31 00-0231	EA	6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	701.29	
	33 42 31 00-0232	EA	12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	1,068.98	
	33 42 31 00-0233	EA	18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	1,553.06	
	33 42 31 00-0234	EA	24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,037.14	
	33 42 31 00-0235	EA	30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,486.42	
	33 42 31 00-0236	EA	36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	2,970.52	
	33 42 31 00-0237	EA	42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	3,463.00	
	33 42 31 00-0238	EA	48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	3,955.47	
	33 42 31 00-0239	EA	54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	4,446.76	
	33 42 31 00-0240	EA	60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	4,939.25	
	33 42 31 00-0241	EA	66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	5,430.53	
	33 42 31 00-0242	EA	72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser.....	5,923.02	
<b>33 42 31 00-0243</b>			<b>42" x 102" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0221)</b>		
	33 42 31 00-0244	EA	42" x 102" ID, Precast Concrete Inlet Box Top Slab.....	1,923.21	240.01
<b>33 42 31 00-0245</b>			<b>Frames And Grates For Inlets (33 42 31 00-0090)</b>		
<b>33 42 31 00-0246</b>			<b>Inlet Frames And Grates (33 42 31 00-0245)</b>		
	33 42 31 00-0247	EA	24" x 24", Heavy-Duty Inlet Grate..... Note: For type A, B, D, or E inlets.	431.58	57.17
	33 42 31 00-0248	EA	47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT)..... Note: For type A, B, D, or E inlets.	557.69	57.17
	33 42 31 00-0249	EA	47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT)..... Note: Includes legend: Dump No Waste "Drains To Waterways".	557.69	57.17
	33 42 31 00-0250	EA	Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT)..... Note: Legend: Dump No Waste "Drains to Waterways"	557.69	57.17
	33 42 31 00-0251	EA	Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362).....	610.47	57.17
	33 42 31 00-0252	EA	Type B Inlet Dirt Plate (US Foundry 5217 BK).....	460.89	114.33
	33 42 31 00-0253	EA	Back Plate For Type B Inlets (Campbell Foundry 2548-1942).....	534.78	114.33
	33 42 31 00-0254	EA	Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4)..... Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".	665.84	142.90
	33 42 31 00-0255	EA	1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	570.84	142.90
	33 42 31 00-0256	EA	2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	581.39	142.90
	33 42 31 00-0257	EA	2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	602.50	142.90
	33 42 31 00-0258	EA	3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	623.62	142.90
	33 42 31 00-0259	EA	2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	602.50	142.90
	33 42 31 00-0260	EA	2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	623.62	142.90
	33 42 31 00-0261	EA	3" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	644.73	142.90
	33 42 31 00-0262	EA	2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	919.19	142.90



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0263	EA		2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	961.41	142.90
33 42 31 00-0264	EA		3" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	1,003.64	142.90
33 42 31 00-0265	EA		2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701).....	686.95	142.90
33 42 31 00-0266	EA		6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6).....	623.62	142.90
33 42 31 00-0267	EA		8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8).....	623.62	142.90
33 42 31 00-0268	EA		6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6).....	1,258.85	142.90
33 42 31 00-0269	EA		8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8).....	1,258.85	142.90
33 42 31 00-0270	EA		Safety Bars For Type B And D Inlets (General Foundries 5218 SB).....	525.52	157.20
33 42 31 00-0271	EA		6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648).....	726.09	157.20
			Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0272	EA		8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848).....	726.09	157.20
			Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0273	EA		10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048).....	799.98	157.20
			Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0274	EA		Type B Inlet Frame (US Foundry 5216 FRM).....	916.10	157.20
33 42 31 00-0275	EA		Type D Inlet Frame (US Foundry 2999 FRM).....	789.43	157.20
33 42 31 00-0276	EA		Type B Inlet Frame (Campbell Foundry 2618-0202).....	1,116.67	157.20
33 42 31 00-0277	EA		Type D Inlet Frame (Campbell Foundry 2617-0002).....	989.99	157.20
33 42 31 00-0278	EA		Type A Inlet, Single Frame And Grate (US Foundry 52340).....	1,280.69	228.65
33 42 31 00-0279	EA		Type E Inlet, Single Frame And Grate (US Foundry 52342).....	2,040.73	228.65
33 42 31 00-0280	EA		Type A Inlet, Single Frame And Grate (General Foundries 52340).....	1,249.02	228.65
33 42 31 00-0281	EA		Type E Inlet, Double Frame And Grate (General Foundries 52342).....	1,941.50	228.65
33 42 31 00-0282	EA		Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340).....	2,089.93	342.98
33 42 31 00-0283	EA		Heavy-Duty Rectangular Frame And Grate (Campbell Foundry 3084).....	2,159.18	457.31
33 42 31 00-0284	EA		6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186).....	2,360.80	457.31
33 42 31 00-0285	EA		8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198).....	2,360.80	457.31
33 42 31 00-0286	EA		6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266).....	2,096.90	457.31
33 42 31 00-0287	EA		8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268).....	2,096.90	457.31
33 42 31 00-0288	EA		Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GF1 52198).....	2,445.25	457.31
<b>33 42 31 00-0289</b>			<b>Catch Basin Frames And Covers (33 42 31 00-0001)</b>		
<b>33 42 31 00-0290</b>			<b>Cast Iron Frames And Covers (33 42 31 00-0289)</b>		
33 42 31 00-0291	EA		18" Diameter Cast Iron Catch Basin Frame And Cover.....	979.29	121.44
33 42 31 00-0292	EA		22" Diameter Cast Iron Catch Basin Frame And Cover.....	1,240.89	137.22
33 42 31 00-0293	EA		24" Diameter Cast Iron Catch Basin Frame And Cover.....	1,406.88	142.07
33 42 31 00-0294	EA		26" Diameter Cast Iron Catch Basin Frame And Cover.....	1,586.33	165.15
33 42 31 00-0295	EA		28" Diameter Cast Iron Catch Basin Frame And Cover.....	1,862.74	188.23
33 42 31 00-0296	EA		32" Diameter Cast Iron Catch Basin Frame And Cover.....	2,981.15	196.72
33 42 31 00-0297	EA		16" x 16" Cast Iron Catch Basin Frame And Cover.....	1,612.15	149.36
33 42 31 00-0298	EA		18" x 24" Cast Iron Catch Basin Frame And Cover.....	2,105.01	172.44
33 42 31 00-0299	EA		20" x 27" Cast Iron Catch Basin Frame And Cover.....	2,382.35	179.73
33 42 31 00-0300	EA		23" x 23" Cast Iron Catch Basin Frame And Cover.....	2,249.69	179.73
33 42 31 00-0301	EA		24" x 24" Cast Iron Catch Basin Frame And Cover.....	2,325.00	187.01
33 42 31 00-0302	EA		26" x 26" Cast Iron Catch Basin Frame And Cover.....	2,497.60	194.30
33 42 31 00-0303	EA		24" x 36" Cast Iron Catch Basin Frame And Cover.....	3,005.76	208.87
<b>33 42 31 00-0304</b>			<b>Area Yard Drain (33 42 31 00-0001)</b>		
			See CSI section 22 14 26 16-0001 for drains.		
<b>33 42 31 00-0305</b>			<b>Ductile Iron Grates (33 42 31 00-0304)</b>		
			Note: Not for traffic loading.		
33 42 31 00-0306	EA		8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe.....	170.67	41.01
33 42 31 00-0307	EA		10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe.....	208.77	43.75
33 42 31 00-0308	EA		12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	482.42	54.69
33 42 31 00-0309	EA		15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	576.46	65.62
<b>33 42 33</b>			<b>Stormwater Curbside Drains and Inlets (33 42)</b>		
<b>33 42 33 00-0001</b>			<b>Curb Inlet Frames And Covers (33 42 33)</b>		
<b>33 42 33 00-0002</b>			<b>Cast Iron Curb Inlet Frames And Covers (33 42 33 00-0001)</b>		
33 42 33 00-0003	EA		20" x 22" Cast Iron Curb Inlet Frame And Cover.....	2,015.84	142.07
33 42 33 00-0004	EA		22" x 24" Cast Iron Curb Inlet Frame And Cover.....	2,154.98	165.15
33 42 33 00-0005	EA		24" x 24" Cast Iron Curb Inlet Frame And Cover.....	2,241.90	165.15
33 42 33 00-0006	EA		27" x 27" Cast Iron Curb Inlet Frame And Cover.....	2,454.91	194.30
33 42 33 00-0007	EA		36" x 24" Cast Iron Curb Inlet Frame And Cover.....	2,427.24	207.65
<b>33 42 36</b>			<b>Stormwater Trench Drains (33 42)</b>		
<b>33 42 36 00-0001</b>			<b>Modular Trench Drains (33 42 36)</b>		
			See CSI section 03 31 13 00-0011 for concrete.		
<b>33 42 36 00-0002</b>			<b>Modular Trench Drains (33 42 36 00-0001)</b>		
			Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.		
<b>33 42 36 00-0003</b>			<b>4" Wide, Modular Trench Drains (33 42 36 00-0002)</b>		
<b>33 42 36 00-0004</b>			<b>4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains (33 42 36 00-0003)</b>		



<b>33</b>	<b>33 Utilities</b>
	<b>33 40 Stormwater Utilities</b>
	<b>33 42 Stormwater Conveyance</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 42 36 00-0005 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains</b> <small>(33 42 36 00-0004)</small>		
33 42 36 00-0006 LF 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain (Zurn Z844-C) .....	72.89	19.43
For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	104.23	
For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	208.46	
For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	333.53	
For Type 304 Stainless Steel Top Veneer Frame, Add .....	83.38	
For Aluminum Veneer Bronze Anodized Frame, Add .....	41.69	
<b>33 42 36 00-0007 Outlet Adapters For 4 Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drains</b> <small>(33 42 36 00-0004)</small>		
33 42 36 00-0008 EA Closed End Cap For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain.....	54.99	
33 42 36 00-0009 EA No-Hub End Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain.....	67.14	
33 42 36 00-0010 EA No-Hub Bottom Outlet For 4" Wide, High-Density Polyethylene (HDPE), Shallow Modular Trench Drain.....	67.14	
<b>33 42 36 00-0011 6" Wide, Modular Trench Drains</b> <small>(33 42 36 00-0002)</small>		
<b>33 42 36 00-0012 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0011)</small>		
<b>33 42 36 00-0013 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0012)</small>		
33 42 36 00-0014 LF 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain.....	217.26	19.43
For Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	104.23	
For Galvanized Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	208.46	
For Stainless Steel Extra Heavy-Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add .....	333.53	
For Type 304 Stainless Steel Top Veneer Frame, Add .....	83.38	
For Aluminum Veneer Bronze Anodized Frame, Add .....	41.69	
<b>33 42 36 00-0015 Outlet Adapters For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0012)</small>		
33 42 36 00-0016 EA Closed End Cap For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	99.32	
33 42 36 00-0017 EA No-Hub End Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	111.47	
33 42 36 00-0018 EA No-Hub Bottom Outlet For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	111.47	
<b>33 42 36 00-0019 Other Fittings For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0012)</small>		
33 42 36 00-0020 EA Bottom Dome Strainer For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	189.14	
33 42 36 00-0021 EA Joint Connector For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	189.14	
33 42 36 00-0022 EA 90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	894.53	
33 42 36 00-0023 EA Cross For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	1,728.35	
33 42 36 00-0024 EA Cutting Charge For 6" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	208.46	
<b>33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0011)</small>		
<b>33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0025)</small>		
33 42 36 00-0027 LF 6" Wide, Fiber Reinforced Polyester, Modular Trench Drain .....	315.23	19.43
For Black Acid Resistant Coated Frame, Add .....	79.21	
For Galvanized Top Frame Assembly, Add .....	79.21	
For Type 304 Stainless Steel Top Frame Assembly, Add .....	291.84	
<b>33 42 36 00-0028 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0025)</small>		
33 42 36 00-0029 EA Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	107.66	
33 42 36 00-0030 EA No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	119.81	
33 42 36 00-0031 EA No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	119.81	
<b>33 42 36 00-0032 Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0025)</small>		
33 42 36 00-0033 EA Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	189.14	
33 42 36 00-0034 EA Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	189.14	
33 42 36 00-0035 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	894.53	
33 42 36 00-0036 EA Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	1,728.35	
33 42 36 00-0037 EA Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	208.46	
<b>33 42 36 00-0038 6" Wide, Vinylester Fiberglass, Modular Trench Drains</b> <small>(33 42 36 00-0011)</small>		
<b>33 42 36 00-0039 6" Wide, Vinylester Fiberglass, Modular Trench Drains</b> <small>(33 42 36 00-0038)</small>		
33 42 36 00-0040 LF 6" Wide, Vinylester Fiberglass, Modular Trench Drain.....	406.95	19.43
For Black Acid Resistant Coated Frame, Add .....	79.21	
For Galvanized Top Frame Assembly, Add .....	79.21	
For Type 304 Stainless Steel Top Frame Assembly, Add .....	291.84	



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>33 42 36 00-0041</b> <b>Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains</b> <small>(33 42 36 00-0038)</small>		
33 42 36 00-0042    EA    Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	174.37	
33 42 36 00-0043    EA    No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	186.52	
33 42 36 00-0044    EA    No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	186.52	
<b>33 42 36 00-0045</b> <b>Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains</b> <small>(33 42 36 00-0038)</small>		
33 42 36 00-0046    EA    Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	189.14	
33 42 36 00-0047    EA    Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	189.14	
33 42 36 00-0048    EA    90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	894.53	
33 42 36 00-0049    EA    Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	1,728.35	
33 42 36 00-0050    EA    Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains .....	208.46	
<b>33 42 36 00-0051</b> <b>6" Wide, Polymer Concrete, Modular Trench Drains</b> <small>(33 42 36 00-0011)</small>		
<b>33 42 36 00-0052</b> <b>6" Wide, Polymer Concrete, Modular Trench Drains</b> <small>(33 42 36 00-0051)</small>		
33 42 36 00-0053    LF    6" Wide, Polymer Concrete, Modular Trench Drain .....	491.62	
<b>33 42 36 00-0054</b> <b>Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains</b> <small>(33 42 36 00-0051)</small>		
33 42 36 00-0055    EA    Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain .....	195.38	
33 42 36 00-0056    EA    No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain .....	238.41	
33 42 36 00-0057    EA    No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain .....	76.83	
<b>33 42 36 00-0058</b> <b>12" Wide, Modular Trench Drains</b> <small>(33 42 36 00-0002)</small>		
<b>33 42 36 00-0059</b> <b>12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0058)</small>		
<b>33 42 36 00-0060</b> <b>12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0059)</small>		
33 42 36 00-0061    LF    12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain .....	407.80	26.72
<i>For Acid Resistant Coated Top Frame, Add</i>	<i>108.40</i>	
<i>For Galvanized Welded Frame Assembly, Add</i>	<i>113.61</i>	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	<i>650.38</i>	
<b>33 42 36 00-0062</b> <b>Outlet Adapters For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0059)</small>		
33 42 36 00-0063    EA    End Cap For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	203.31	
33 42 36 00-0064    EA    No-Hub End Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	219.51	
33 42 36 00-0065    EA    No-Hub Bottom Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	219.51	
<b>33 42 36 00-0066</b> <b>Other Fittings For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains</b> <small>(33 42 36 00-0059)</small>		
33 42 36 00-0067    EA    Bottom Dome Strainer For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	337.59	
33 42 36 00-0068    EA    Joint Connector For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	441.82	
33 42 36 00-0069    EA    90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	1,761.05	
33 42 36 00-0070    EA    Cross For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	3,428.69	
33 42 36 00-0071    EA    Cutting Charges For 12" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains .....	416.91	
<b>33 42 36 00-0072</b> <b>12" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0058)</small>		
<b>33 42 36 00-0073</b> <b>12" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0072)</small>		
33 42 36 00-0074    LF    12" Wide, Fiber Reinforced Polyester, Modular Trench Drain .....	512.03	26.72
<i>For Acid Resistant Coated Top Frame, Add</i>	<i>108.40</i>	
<i>For Galvanized Welded Frame Assembly, Add</i>	<i>113.61</i>	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	<i>650.38</i>	
<b>33 42 36 00-0075</b> <b>Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0072)</small>		
33 42 36 00-0076    EA    End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	211.65	
33 42 36 00-0077    EA    No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	227.85	
33 42 36 00-0078    EA    No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	227.85	
<b>33 42 36 00-0079</b> <b>Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains</b> <small>(33 42 36 00-0072)</small>		
33 42 36 00-0080    EA    Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	337.59	
33 42 36 00-0081    EA    Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	441.82	
33 42 36 00-0082    EA    90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains .....	1,761.05	

<b>33</b>	<b>33 Utilities</b>
	<b>33 40 Stormwater Utilities</b>
	<b>33 42 Stormwater Conveyance</b>



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	3,428.69	
	33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	416.91	
	<b>33 42 36 00-0085</b>		<b>12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)</b>		
	<b>33 42 36 00-0086</b>		<b>12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)</b>		
	33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain.....	720.49	26.72
			<i>For Acid Resistant Coated Top Frame, Add</i>	108.40	
			<i>For Galvanized Welded Frame Assembly, Add</i>	113.61	
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	650.38	
	<b>33 42 36 00-0088</b>		<b>Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)</b>		
	33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	524.33	
	33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	540.53	
	33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	540.53	
	<b>33 42 36 00-0092</b>		<b>Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0085)</b>		
	33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	337.59	
	33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	441.82	
	33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	1,761.05	
	33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	3,428.69	
	33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains.....	416.91	
	<b>33 42 36 00-0098</b>		<b>12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0086)</b>		
	<b>33 42 36 00-0099</b>		<b>12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0086)</b>		
	33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain.....	659.38	
	<b>33 42 36 00-0101</b>		<b>Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0086)</b>		
	33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain.....	331.86	
	33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	571.41	
	33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain.....	134.03	
	<b>33 42 36 00-0105</b>		<b>23" Wide, Modular Trench Drains (33 42 36 00-0002)</b>		
	<b>33 42 36 00-0106</b>		<b>23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains (33 42 36 00-0105)</b>		
	<b>33 42 36 00-0107</b>		<b>23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains (33 42 36 00-0106)</b>		
	33 42 36 00-0108	LF	23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drain.....	571.52	36.43
			<i>For Acid Resistant Coated Frame, Add</i>	162.59	
			<i>For Galvanized Frame Assembly, Add</i>	162.59	
			<i>For Type 304 Stainless Steel Top Frame, Add</i>	1,000.58	
	<b>33 42 36 00-0109</b>		<b>Outlet Adapters For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains (33 42 36 00-0106)</b>		
	33 42 36 00-0110	EA	End Cap For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	643.53	
	33 42 36 00-0111	EA	No-Hub End Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	941.76	
	33 42 36 00-0112	EA	No-Hub Bottom Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	941.76	
	<b>33 42 36 00-0113</b>		<b>Other Fittings For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains (33 42 36 00-0106)</b>		
	33 42 36 00-0114	EA	Bottom Dome Strainer For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	766.02	
	33 42 36 00-0115	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	3,487.05	
	33 42 36 00-0116	EA	Cross For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	6,822.33	
	33 42 36 00-0117	EA	Cutting Charges For 23" Wide, High-Density Polyethylene (HDPE), Modular Trench Drains.....	833.82	
	<b>33 42 36 00-0118</b>		<b>Modular Trench Drain Grates (33 42 36 00-0001)</b>		
	<b>33 42 36 00-0119</b>		<b>4" Wide, Modular Trench Drain Grates (33 42 36 00-0118)</b>		
	33 42 36 00-0120	LF	4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zum Z884-P4-HPP).....	45.22	3.65
	33 42 36 00-0121	LF	4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zum Z884-P4-CG).....	47.53	3.65
	33 42 36 00-0122	LF	4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zum Z884-P4-FG).....	38.31	3.65
	33 42 36 00-0123	LF	4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zum Z884-P4-FS).....	101.65	3.65
	33 42 36 00-0124	LF	4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zum Z884-P4-FG).....	38.31	3.65
	33 42 36 00-0125	LF	4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zum Z884-P4-FS).....	101.65	3.65
	<b>33 42 36 00-0126</b>		<b>6" Wide, Modular Trench Drain Grates (33 42 36 00-0118)</b>		



	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>33</b>
	<b>Stormwater Conveyance</b>	<b>33 42</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0127	LF		6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate .....	206.19	3.65
33 42 36 00-0128	LF		6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate .....	174.71	3.65
33 42 36 00-0129	LF		6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	183.47	3.65
33 42 36 00-0130	LF		6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate .....	160.33	3.65
33 42 36 00-0131	LF		6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate .....	172.83	3.65
33 42 36 00-0132	LF		6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate .....	174.92	3.65
33 42 36 00-0133	LF		6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate .....	174.92	3.65
33 42 36 00-0134	LF		6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate .....	172.83	3.65
33 42 36 00-0135	LF		6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate .....	151.99	3.65
33 42 36 00-0136	LF		6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate .....	151.99	3.65
33 42 36 00-0137	LF		6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate .....	161.58	3.65
33 42 36 00-0138	LF		6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate .....	161.58	3.65
33 42 36 00-0139	LF		6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate .....	210.36	3.65
33 42 36 00-0140	LF		6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate .....	210.36	3.65
33 42 36 00-0141	LF		6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate .....	385.46	3.65
33 42 36 00-0142	LF		6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate .....	385.46	3.65
33 42 36 00-0143	LF		6" Wide, Stainless Steel Bar, Modular Trench Drain Grate .....	1,073.36	3.65
33 42 36 00-0144	LF		6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate .....	143.65	3.65
33 42 36 00-0145	LF		6" Wide, Fiberglass, Modular Trench Drain Grate .....	310.41	3.65
<b>33 42 36 00-0146</b>			<b>12" Wide, Modular Trench Drain Grates (33 42 36 00-0118)</b>		
33 42 36 00-0147	LF		12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate .....	569.50	3.94
33 42 36 00-0148	LF		12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	544.48	3.94
33 42 36 00-0149	LF		12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate .....	473.61	3.94
33 42 36 00-0150	LF		12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate .....	497.58	3.94
33 42 36 00-0151	LF		12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate .....	429.83	3.94
33 42 36 00-0152	LF		12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate .....	841.53	3.94
33 42 36 00-0153	LF		12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate .....	841.53	3.94
33 42 36 00-0154	LF		12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate .....	1,073.96	3.94
33 42 36 00-0155	LF		12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate .....	1,073.96	3.94
33 42 36 00-0156	LF		12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate .....	1,371.01	3.94
33 42 36 00-0157	LF		12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate .....	1,371.01	3.94
33 42 36 00-0158	LF		12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate .....	1,301.18	3.94
33 42 36 00-0159	LF		12" Wide, Fiberglass, Modular Trench Drain Grate .....	614.32	3.94
<b>33 42 36 00-0160</b>			<b>23" Wide, Modular Trench Drain Grates (33 42 36 00-0118)</b>		
33 42 36 00-0161	LF		23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate .....	899.48	4.25
33 42 36 00-0162	LF		23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate .....	757.73	4.25
33 42 36 00-0163	LF		23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate .....	1,174.64	4.25
33 42 36 00-0164	LF		23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate .....	870.29	4.25
<b>33 44 Storm Utility Water Drains (33 40)</b>					
<b>33 44 36 Oil and Stormwater Separators (33 44)</b>					
<b>33 44 36 00-0001 Oil/Water Separator (33 44 36)</b>			Note: Complete with internal sensors and detectors.		
<b>33 44 36 00-0002 Coalescing Oil Water Separator (33 44 36 00-0001)</b>			Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.		
<b>33 44 36 00-0003 Single Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)</b>					
33 44 36 00-0004	EA		550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	19,481.96	
			Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	711.00	
33 44 36 00-0005	EA		1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	23,822.36	
			Note: HTC-G 1000. 4' diameter x 14' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	893.70	
33 44 36 00-0006	EA		2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways .....	28,515.95	
			Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	1,340.10	
<b>33 44 36 00-0007 Double Wall Steel Coalescing Oil Water Separator (33 44 36 00-0002)</b>					
33 44 36 00-0008	EA		550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	30,225.28	
			Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	711.00	
33 44 36 00-0009	EA		1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	34,755.36	
			Note: HTC-G 1000. 4' diameter x 14' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	893.70	
33 44 36 00-0010	EA		2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	42,427.82	
			Note: HTC-G 2000. 5'-4" diameter x 15' long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	1,340.10	
33 44 36 00-0011	EA		3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways .....	49,371.06	
			Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.		
			<i>For Interior Polyurethane Coating, Add</i>	1,550.70	

**33 Utilities****33 40 Stormwater Utilities****33 44 Storm Utility Water Drains**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0012 EA 5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways..... Note: HTC-G 5000, 6' diameter x 28'-8" long tank. <i>For Interior Polyurethane Coating, Add</i>	65,540.78  2,057.80	
<b>33 44 36 00-0013 Accessories For Coalescing Oil Water Separators (33 44 36 00-0002)</b>		
33 44 36 00-0014 EA Single Channel Alarm Panel For Coalescing Oil Water Separator ..... Note: HTAP1.	1,187.25	
33 44 36 00-0015 EA Two Channel Alarm Panel For Coalescing Oil Water Separator..... Note: HTAP2.	1,616.75	
33 44 36 00-0016 EA Float Interface Sensor For Coalescing Oil Water Separator ..... Note: Required for UL 2215 label.	965.19	
33 44 36 00-0017 EA 1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator..... Note: Required for UL 2215 label.	710.40	
33 44 36 00-0018 EA Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator..... Note: Required for UL 2215 label.	232.69	
33 44 36 00-0019 EA 550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator .....	4,140.89	
33 44 36 00-0020 EA 3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator .....	8,281.80	
33 44 36 00-0021 EA 5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator .....	12,422.78	
33 44 36 00-0022 EA 550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	765.11	
33 44 36 00-0023 EA 2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	901.00	
33 44 36 00-0024 EA 3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	1,801.98	
33 44 36 00-0025 EA 5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator .....	3,976.91	
33 44 36 00-0026 EA 30" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	1,083.59	
33 44 36 00-0027 EA 36" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	1,409.58	
33 44 36 00-0028 EA 48" Diameter Grade Level Manway For Coalescing Oil Water Separator..... Note: Required when installed in paved areas.	1,947.91	
33 44 36 00-0029 EA 54" x 54" Grade Level Manway For Coalescing Oil Water Separator ..... Note: Required when installed in paved areas.	3,536.06	
33 44 36 00-0030 EA 66" x 54" Grade Level Manway For Coalescing Oil Water Separator ..... Note: Required when installed in paved areas.	4,542.45	
33 44 36 00-0031 EA 66" x 66" Grade Level Manway For Coalescing Oil Water Separator ..... Note: Required when installed in paved areas.	5,697.47	
33 44 36 00-0032 EA 78" x 66" Grade Level Manway For Coalescing Oil Water Separator ..... Note: Required when installed in paved areas.	7,179.45	
33 44 36 00-0033 EA 550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	1,416.17	
33 44 36 00-0034 EA 1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	1,726.15	
33 44 36 00-0035 EA 2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator .....	2,711.31	
33 44 36 00-0036 EA 550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	1,350.35	
33 44 36 00-0037 EA 1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	1,639.10	
33 44 36 00-0038 EA 2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator .....	1,944.84	
33 44 36 00-0039 EA 18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator .....	114.65	
33 44 36 00-0040 EA 24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator .....	129.51	
<b>33 44 36 00-0041 Oil Skimmers (33 44 36)</b>		
<b>33 44 36 00-0042 Oil Skimmers, 12" And 24" Models (33 44 36 00-0041)</b>		
33 44 36 00-0043 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase .....	5,120.76	635.82
33 44 36 00-0044 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase .....	5,356.56	635.82
33 44 36 00-0045 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase .....	5,142.60	635.82
33 44 36 00-0046 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase .....	5,444.98	635.82
33 44 36 00-0047 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase .....	5,390.40	635.82
33 44 36 00-0048 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase .....	5,590.17	635.82
33 44 36 00-0049 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase .....	5,441.70	635.82
33 44 36 00-0050 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase .....	5,743.00	635.82
33 44 36 00-0051 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase .....	5,798.17	847.94
33 44 36 00-0052 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase .....	6,050.34	847.94
33 44 36 00-0053 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase .....	5,864.76	847.94
33 44 36 00-0054 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase .....	6,227.19	847.94
33 44 36 00-0055 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase .....	6,435.69	847.94
33 44 36 00-0056 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase .....	6,687.86	847.94
33 44 36 00-0057 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase .....	6,489.18	847.94
33 44 36 00-0058 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase .....	6,852.70	847.94
<b>33 44 36 00-0059 Oil Skimmers, Add-Ons (33 44 36 00-0041)</b>		
33 44 36 00-0060 LF Add For Belt Projection, 12" Width.....	16.37	
33 44 36 00-0061 LF Add For Belt Projection, 24" Width.....	30.57	
33 44 36 00-0062 LF Add For Spacer Stands, 12" Models .....	267.51	
33 44 36 00-0063 LF Add For Spacer Stands, 24" Models .....	315.54	

**33 46 Stormwater Management (33 40)****33 46 53 Stormwater Leaching Pits (33 46)**





	<b>Utilities</b>	<b>33</b>	
	<b>Stormwater Utilities</b>	<b>33 40</b>	<b>CS</b>
	<b>Stormwater Management</b>	<b>33 46</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>33 46 53 00-0001</b>	<b>Drainage Wells</b> <small>(33 46 53)</small> Note: Includes augering hole.		
33 46 53 00-0002	LF 12" Diameter Drainage Well With Corrugated Metal Liner.....	36.29	
33 46 53 00-0003	LF 18" Diameter Drainage Well With Corrugated Metal Liner.....	44.65	
33 46 53 00-0004	LF 24" Diameter Drainage Well With Corrugated Metal Liner.....	60.29	

### 33 50 Hydrocarbon Utilities (33)

#### 33 52 Hydrocarbon Transmission and Distribution (33 50)

##### 33 52 16 Gas Hydrocarbon Piping (33 52)

##### 33 52 16 13 Steel Natural Gas Piping (33 52 16)

See CSI section 23 05 23 00-0000 for gas valves.

<b>33 52 16 13-0001</b>	<b>Gas Distribution Lines</b> <small>(33 52 16 13)</small> Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.		
<b>33 52 16 13-0002</b>	<b>Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped</b> <small>(33 52 16 13-0001)</small>		
33 52 16 13-0003	LF 1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	28.44	2.95
33 52 16 13-0004	LF 3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	33.29	3.25
33 52 16 13-0005	LF 1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	39.40	3.33
33 52 16 13-0006	LF 1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	40.40	3.42
33 52 16 13-0007	LF 1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	42.21	3.46
33 52 16 13-0008	LF 2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	44.59	3.71
33 52 16 13-0009	LF 2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	65.28	4.53
33 52 16 13-0010	LF 3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	81.17	5.71
33 52 16 13-0011	LF 4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	111.89	6.89
33 52 16 13-0012	LF 5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	155.21	7.98
33 52 16 13-0013	LF 6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	196.04	9.76
33 52 16 13-0014	LF 8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	290.43	12.54

##### 33 52 16 13-0015 Gas Line Taps (33 52 16 13-0001) Note: Includes material to tap into main and gas valve.

<b>33 52 16 13-0016</b>	<b>Polyethylene, 60 PSI</b> <small>(33 52 16 13-0015)</small>		
33 52 16 13-0017	EA 2" Polyethylene Hot Tap, With Valve.....	4,554.60	
33 52 16 13-0018	EA 2-1/2" Polyethylene Hot Tap, With Valve.....	2,859.20	
33 52 16 13-0019	EA 3" Polyethylene Hot Tap, With Valve.....	3,001.00	
33 52 16 13-0020	EA 4" Polyethylene Hot Tap, With Valve.....	7,894.75	
33 52 16 13-0021	EA 6" Polyethylene Hot Tap, With Valve.....	12,382.89	

##### 33 52 16 13-0022 Steel, Schedule 40 (33 52 16 13-0015) Note: For punch steel service tee.

33 52 16 13-0023	EA 1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,401.63	
33 52 16 13-0024	EA 3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,459.37	
33 52 16 13-0025	EA 3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,534.57	
33 52 16 13-0026	EA 3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,607.72	
33 52 16 13-0027	EA 1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,665.31	
33 52 16 13-0028	EA 1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,995.24	
33 52 16 13-0029	EA 1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	4,091.52	

##### 33 52 16 13-0030 Protective Pipe And Fitting Wrap (33 52 16 13-0001) Note: Includes cleaning and priming pipe.

##### 33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe (33 52 16 13-0030) Note: Field applied.

33 52 16 13-0032	LF 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.43	
33 52 16 13-0033	LF 3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.61	
33 52 16 13-0034	LF 1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.83	
33 52 16 13-0035	LF 1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.29	
33 52 16 13-0036	LF 1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.60	
33 52 16 13-0037	LF 2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	5.28	
33 52 16 13-0038	LF 2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	6.41	
33 52 16 13-0039	LF 3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	7.92	
33 52 16 13-0040	LF 4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	9.94	
33 52 16 13-0041	LF 6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	13.16	

##### 33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings (33 52 16 13-0030) Note: Field applied.

33 52 16 13-0043	EA 1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	19.56	
------------------	---	-------	--

**33 Utilities****33 50 Hydrocarbon Utilities****33 52 Hydrocarbon Transmission and Distribution**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	19.56	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	24.16	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	27.19	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	27.19	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	32.18	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	42.98	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	58.52	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	59.16	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings .....	68.04	

**33 52 16 23 Medium Density Polyethylene Piping for Natural Gas** (33 52 16)**33 52 16 23-0001 Medium Density Polyethylene (MDPE) Gas Distribution Piping** (33 52 16 23)

Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 23-0002	LF	1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	4.31	1.88
		<i>For Colors, Add</i>	0.06	
33 52 16 23-0003	LF	3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	4.80	2.00
		<i>For SDR 13.5, Deduct</i>	-0.13	
		<i>For Colors, Add</i>	0.08	
33 52 16 23-0004	LF	1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	5.30	2.15
		<i>For SDR 13.5, Deduct</i>	-0.15	
		<i>For Colors, Add</i>	0.10	
33 52 16 23-0005	LF	1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	5.82	2.27
		<i>For SDR 13.5, Deduct</i>	-0.18	
		<i>For Colors, Add</i>	0.12	
33 52 16 23-0006	LF	1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	6.74	2.74
		<i>For SDR 13.5, Deduct</i>	-0.26	
		<i>For Colors, Add</i>	0.17	
33 52 16 23-0007	LF	2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	7.65	2.98
		<i>For SDR 13.5, Deduct</i>	-0.34	
		<i>For SDR 15.5, Deduct</i>	-0.63	
		<i>For Colors, Add</i>	0.22	
33 52 16 23-0008	LF	2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	9.76	3.49
		<i>For SDR 13.5, Deduct</i>	-0.57	
		<i>For SDR 15.5, Deduct</i>	-1.05	
		<i>For Colors, Add</i>	0.37	
33 52 16 23-0009	LF	3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	11.99	4.15
		<i>For SDR 13.5, Deduct</i>	-0.78	
		<i>For SDR 15.5, Deduct</i>	-1.44	
		<i>For Colors, Add</i>	0.50	
33 52 16 23-0010	LF	4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	19.84	4.97
		<i>For SDR 13.5, Deduct</i>	-1.44	
		<i>For SDR 15.5, Deduct</i>	-2.65	
		<i>For Colors, Add</i>	0.93	
33 52 16 23-0011	LF	5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	25.15	4.97
		<i>For SDR 13.5, Deduct</i>	-2.00	
		<i>For SDR 15.5, Deduct</i>	-3.68	
		<i>For Colors, Add</i>	1.29	
33 52 16 23-0012	LF	6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	30.60	4.97
		<i>For SDR 13.5, Deduct</i>	-2.56	
		<i>For SDR 15.5, Deduct</i>	-4.71	
		<i>For Colors, Add</i>	1.65	
33 52 16 23-0013	LF	8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe .....	45.58	6.21
		<i>For SDR 13.5, Deduct</i>	-4.27	
		<i>For SDR 15.5, Deduct</i>	-7.84	
		<i>For Colors, Add</i>	2.75	

**33 52 16 26 High-Density Polyethylene (HDPE) Piping for Natural Gas** (33 52 16)**33 52 16 26-0001 High-Density Polyethylene (HDPE) Gas Distribution Piping** (33 52 16 26)

Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.

33 52 16 26-0002	LF	1/2" Diameter, SDR 9 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	4.38	1.88
33 52 16 26-0003	LF	3/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	4.91	2.00
		<i>For SDR 13.5, Deduct</i>	-0.14	
33 52 16 26-0004	LF	1" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	5.41	2.15
		<i>For SDR 13.5, Deduct</i>	-0.17	
33 52 16 26-0005	LF	1-1/4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	5.97	2.27
		<i>For SDR 13.5, Deduct</i>	-0.20	
33 52 16 26-0006	LF	1-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	6.95	2.74
		<i>For SDR 13.5, Deduct</i>	-0.29	
33 52 16 26-0007	LF	2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	7.93	2.98
		<i>For SDR 13.5, Deduct</i>	-0.38	
		<i>For SDR 15.5, Deduct</i>	-0.70	
		<i>For SDR 17, Deduct</i>	-1.01	
33 52 16 26-0008	LF	2-1/2" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe .....	10.22	3.49
		<i>For SDR 13.5, Deduct</i>	-0.63	
		<i>For SDR 15.5, Deduct</i>	-1.16	
		<i>For SDR 17, Deduct</i>	-1.68	



	<b>Utilities</b>	<b>33</b>	
	<b>Hydrocarbon Utilities</b>	<b>33 50</b>	<b>CS</b>
	<b>Hydrocarbon Transmission and Distribution</b>	<b>33 52</b>	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 26-0009	LF		3" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe.....	12.62	4.15
			<i>For SDR 13.5, Deduct</i>	-0.86	
			<i>For SDR 15.5, Deduct</i>	-1.58	
			<i>For SDR 17, Deduct</i>	-2.29	
			<i>For SDR 21, Deduct</i>	-3.14	
33 52 16 26-0010	LF		4" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe.....	21.01	4.97
			<i>For SDR 13.5, Deduct</i>	-1.59	
			<i>For SDR 15.5, Deduct</i>	-2.92	
			<i>For SDR 17, Deduct</i>	-4.24	
			<i>For SDR 21, Deduct</i>	-5.80	
33 52 16 26-0011	LF		6" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe.....	32.67	4.97
			<i>For SDR 13.5, Deduct</i>	-2.82	
			<i>For SDR 15.5, Deduct</i>	-5.18	
			<i>For SDR 17, Deduct</i>	-7.52	
			<i>For SDR 21, Deduct</i>	-10.30	
33 52 16 26-0012	LF		8" Diameter, SDR 11 High-Density Polyethylene (HDPE) Gas Distribution Pipe.....	49.02	6.21
			<i>For SDR 13.5, Deduct</i>	-4.69	
			<i>For SDR 15.5, Deduct</i>	-8.63	
			<i>For SDR 17, Deduct</i>	-12.53	
			<i>For SDR 21, Deduct</i>	-17.14	

**33 53 Hydrocarbon Utility Pressure Regulation** (33 50)

**33 53 16 Gas Hydrocarbon Pressure Regulation** (33 53)

**33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends** (33 53 16)

33 53 16 00-0002	EA		3/4" Gas Pressure Regulator, Screwed End.....	277.96	18.41
33 53 16 00-0003	EA		1" Gas Pressure Regulator, Screwed End.....	282.14	18.41
33 53 16 00-0004	EA		1-1/4" Gas Pressure Regulator, Screwed End.....	292.17	21.86
33 53 16 00-0005	EA		1-1/2" Gas Pressure Regulator, Screwed End.....	1,041.01	25.31
33 53 16 00-0006	EA		2" Gas Pressure Regulator, Screwed End.....	1,093.87	39.20
33 53 16 00-0007	EA		3" Gas Pressure Regulator, Screwed End.....	3,097.87	87.94
33 53 16 00-0008	EA		4" Gas Pressure Regulator, Screwed End.....	4,314.21	116.55

**33 56 Hydrocarbon Storage** (33 50)

**33 56 13 Aboveground Hydrocarbon Storage Tanks** (33 56)

See CSI section 23 13 23 00-0000 for aboveground storage tanks.

**33 56 33 Underground Hydrocarbon Storage** (33 56)

See CSI section 23 13 13 00-0000 for underground storage tanks.

**33 59 Hydrocarbon Utility Metering** (33 50)

**33 59 11 Diaphragm/Bellows Hydrocarbons Meters** (33 59)

**33 59 11 00-0001 Diaphragm Meters** (33 59 11)

Note: With standard direct-digital reading maximum working pressures 5 lb to 100 lb, threaded connections. Excludes pressure and temperature compensation.

33 59 11 00-0002	EA		250 CF/Hour Gas Diaphragm Meter At 5 Lb., Direct Digital, Threaded .....	644.06	72.05
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0003	EA		425 CF/Hour Gas Diaphragm Meter At 10 Lb., Direct Digital, Threaded .....	1,306.24	110.19
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0004	EA		425 CF/Hour Gas Diaphragm Meter At 25 Lb., Direct Digital, Threaded .....	1,561.74	110.19
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0005	EA		800 CF/Hour Gas Diaphragm Meter At 20 Lb., Direct Digital, Threaded .....	3,558.60	137.73
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0006	EA		1,000 CF/Hour Gas Diaphragm Meter At 25 Lb., Direct Digital, Threaded .....	4,004.14	169.53
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0007	EA		800 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded .....	5,384.24	137.73
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0008	EA		1,000 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded .....	5,968.73	169.53
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0009	EA		1,400 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded .....	7,935.92	180.12
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0010	EA		2,300 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded .....	11,280.44	211.90
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0011	EA		5,000 CF/Hour Gas Diaphragm Meter At 100 Lb., Direct Digital, Threaded .....	17,192.40	349.65
			<i>For Temperature And Pressure Compensation, Add</i>	8.40	
			<i>For Pulsers, Add</i>	26.50	

**33 59 16 Hydrocarbons Turbine Meters** (33 59)

<b>33</b>	<b>33 Utilities</b>
	<b>33 50 Hydrocarbon Utilities</b>
	<b>33 59 Hydrocarbon Utility Metering</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

<b>33 59 16 00-0001</b>	<b>Gas Turbine Meters With Direct-Digital Reading</b> <small>(33 59 16)</small>		
	<small>Note: Maximum working pressure 175 PSI, flanged end connections.</small>		
33 59 16 00-0002	EA 4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged .....	13,680.96	372.59
33 59 16 00-0003	EA 6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged .....	15,006.24	432.67
33 59 16 00-0004	EA 8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged .....	23,328.28	487.63
33 59 16 00-0005	EA 10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged .....	45,463.22	593.64
33 59 16 00-0006	EA 12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged .....	74,576.59	742.04

**33 70 Electrical Utilities** (33)

**33 71 Electrical Utility Transmission and Distribution** (33 70)

**33 71 19 Electrical Underground Ducts, Ductbanks and Manholes** (33 71)

Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation.

**33 71 19 13 Electrical Manholes and Handholes** (33 71 19)

<b>33 71 19 13-0001</b>	<b>Electrical Handholes And Pull Boxes</b> <small>(33 71 19 13)</small>		
<b>33 71 19 13-0002</b>	<b>Electrical Pull Boxes</b> <small>(33 71 19 13-0001)</small>		
	<small>See CSI section 33 05 63 00-0427 for handholes.</small>		
33 71 19 13-0003	EA 24" x 36" x 24", Electric Pull Boxes, Precast Concrete .....	2,457.81	541.35
33 71 19 13-0004	EA 24" x 36" x 36", Electric Pull Boxes, Precast Concrete .....	2,968.25	600.04
33 71 19 13-0005	EA 30" x 48" x 36", Electric Pull Boxes, Precast Concrete .....	3,457.96	652.22
33 71 19 13-0006	EA 36" x 72" x 24", Electric Pull Boxes, Precast Concrete .....	5,494.62	782.66
33 71 19 13-0007	EA 36" x 60" x 36", Electric Pull Boxes, Precast Concrete .....	5,887.55	782.66
33 71 19 13-0008	EA 48" x 48" x 36", Electric Pull Boxes, Precast Concrete .....	6,345.62	815.27
33 71 19 13-0009	EA 48" x 60" x 48", Electric Pull Boxes, Precast Concrete .....	7,310.05	913.10

<b>33 71 19 13-0010</b>	<b>Electrical Property Line Boxes</b> <small>(33 71 19 13)</small>		
33 71 19 13-0011	EA 3'-6" x 2'-9" x 2' Deep Property Line Box .....	5,196.27	440.25
33 71 19 13-0012	EA 4'-6" x 3'-6" x 4' Deep Property Line Box .....	6,110.28	456.56
33 71 19 13-0013	EA 6' x 4' x 5' Deep Property Line Box .....	6,701.07	554.38
33 71 19 13-0014	EA 11'-6" x 4'-6" x 6' Deep Property Line Box .....	10,262.14	815.27

<b>33 71 19 13-0015</b>	<b>Underground Construction Items</b> <small>(33 71 19 13)</small>		
33 71 19 13-0016	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/4" Without CABLE .....	18.71	
33 71 19 13-0017	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/2" Without CABLE .....	11.73	
33 71 19 13-0018	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 2" Without CABLE .....	25.08	
33 71 19 13-0019	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 3" Without CABLE .....	44.24	
33 71 19 13-0020	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/4" WITH TRIPLEX CABLE .....	15.31	
33 71 19 13-0021	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 1-1/2" WITH TRIPLEX CABLE .....	15.83	
33 71 19 13-0022	LF CONDUIT, High-Density Polyethylene (HDPE), DIRECTIONAL BORE, 1 EACH - 2" WITH TRIPLEX CABLE .....	16.49	

<b>33 71 19 13-0023</b>	<b>Manhole Accessories</b> <small>(33 71 19 13)</small>		
33 71 19 13-0024	EA 6" Precast Grade Ring Riser Casting .....	511.78	139.08
33 71 19 13-0025	EA 12" Precast Grade Ring Riser Casting .....	554.22	150.68
33 71 19 13-0026	EA 36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D) .....	2,453.11	231.81
33 71 19 13-0027	EA 42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1) .....	3,206.11	289.76
33 71 19 13-0028	EA Cast Iron Adjusting Ring (NEENAH #R-1979) .....	1,013.63	154.73
33 71 19 13-0029	EA Cast Iron Frame And Cover (NEENAH #R-1640-B) .....	1,297.76	173.85

**33 71 19 23 Trenched Electrical Underground Duct and Ductbanks** (33 71 19)

<b>33 71 19 23-0001</b>	<b>Underground Ductbank</b> <small>(33 71 19 23)</small>		
	<small>Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.</small>		

<b>33 71 19 23-0002</b>	<b>Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank</b> <small>(33 71 19 23-0001)</small>		
	<small>Note: Includes appropriate spacers and fittings.</small>		
33 71 19 23-0003	LF 2 At 2", Rigid Galvanized Conduit Duct Bank .....	34.85	
33 71 19 23-0004	LF 4 At 2", Rigid Galvanized Conduit Duct Bank .....	69.72	
33 71 19 23-0005	LF 2 At 3", Rigid Galvanized Conduit Duct Bank .....	72.05	
33 71 19 23-0006	LF 4 At 3", Rigid Galvanized Conduit Duct Bank .....	144.52	
33 71 19 23-0007	LF 2 At 4", Rigid Galvanized Conduit Duct Bank .....	106.11	
33 71 19 23-0008	LF 4 At 4", Rigid Galvanized Conduit Duct Bank .....	213.28	
33 71 19 23-0009	LF 6 At 4", Rigid Galvanized Conduit Duct Bank .....	320.43	
33 71 19 23-0010	LF 2 At 5", Rigid Galvanized Conduit Duct Bank .....	200.56	
33 71 19 23-0011	LF 4 At 5", Rigid Galvanized Conduit Duct Bank .....	400.04	
33 71 19 23-0012	LF 6 At 5", Rigid Galvanized Conduit Duct Bank .....	614.99	
33 71 19 23-0013	LF 2 At 6", Rigid Galvanized Conduit Duct Bank .....	284.87	
33 71 19 23-0014	LF 4 At 6", Rigid Galvanized Conduit Duct Bank .....	571.85	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
--	-------	-----	-----	-------------	------------------------	----------------------

33 71 19 23-0015	LF		6 At 6", Rigid Galvanized Conduit Duct Bank .....	851.39	
------------------	----	--	---	--------	--

**33 71 19 23-0016 Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System** (33 71 19 23-0001)

Note: Includes appropriate spacers and fittings.

33 71 19 23-0017	LF		1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	8.65	
33 71 19 23-0018	LF		2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	18.78	
33 71 19 23-0019	LF		4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	36.26	
33 71 19 23-0020	LF		1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	11.56	
33 71 19 23-0021	LF		2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	23.04	
33 71 19 23-0022	LF		4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	46.70	
33 71 19 23-0023	LF		1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	15.85	
33 71 19 23-0024	LF		2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	31.75	
33 71 19 23-0025	LF		4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	63.59	
33 71 19 23-0026	LF		6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	95.35	
33 71 19 23-0027	LF		1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	20.72	
33 71 19 23-0028	LF		2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	41.37	
33 71 19 23-0029	LF		4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	80.59	
33 71 19 23-0030	LF		6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	115.58	
33 71 19 23-0031	LF		1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	35.21	
33 71 19 23-0032	LF		2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	56.68	
33 71 19 23-0033	LF		4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	113.59	
33 71 19 23-0034	LF		6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	180.94	

**33 71 19 23-0035 Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System** (33 71 19 23-0001)

Note: Includes appropriate spacers and fittings.

33 71 19 23-0036	LF		1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	9.65	
33 71 19 23-0037	LF		2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	20.81	
33 71 19 23-0038	LF		4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	40.11	
33 71 19 23-0039	LF		1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	12.14	
33 71 19 23-0040	LF		2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	24.25	
33 71 19 23-0041	LF		4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	48.27	
33 71 19 23-0042	LF		1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	16.48	
33 71 19 23-0043	LF		2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	33.01	
33 71 19 23-0044	LF		4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	66.11	
33 71 19 23-0045	LF		6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	99.14	
33 71 19 23-0046	LF		1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	21.67	
33 71 19 23-0047	LF		2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	43.27	
33 71 19 23-0048	LF		4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	84.40	
33 71 19 23-0049	LF		6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	121.30	
33 71 19 23-0050	LF		1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	36.53	
33 71 19 23-0051	LF		2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	59.42	
33 71 19 23-0052	LF		4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	119.06	
33 71 19 23-0053	LF		6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank .....	189.15	

**33 71 19 23-0054 Male Or Female Adapters** (33 71 19 23-0001)

33 71 19 23-0055	EA		2" Adapter.....	44.03	
33 71 19 23-0056	EA		3" Adapter.....	69.03	
33 71 19 23-0057	EA		4" Adapter.....	91.20	
33 71 19 23-0058	EA		5" Adapter.....	156.77	
33 71 19 23-0059	EA		6" Adapter.....	189.99	

**33 71 19 23-0060 Underground Electrical Concrete Markers** (33 71 19 23)

33 71 19 23-0061	EA		36" x 6" x 6", Underground Electric Concrete Marker .....	351.15	
------------------	----	--	---	--------	--

**33 71 19 23-0062 Electrical** (33 71 19 23)

Note: The following City of Chicago, Department of Transportation standard site work tasks are all-inclusive, assembly work tasks and shall be used in lieu of individual component tasks. Refer to the appropriate specifications contained in Book 4 for a complete definition of what is included in these work tasks.

33 71 19 23-0063	LF		Galvanized Steel Conduit In Trench 2", (0 > 150).....	31.79	
33 71 19 23-0064	LF		Galvanized Steel Conduit In Trench 2", (150 > 300).....	30.53	
33 71 19 23-0065	LF		Galvanized Steel Conduit In Trench 2", (300 > 600).....	29.15	
33 71 19 23-0066	LF		Galvanized Steel Conduit In Trench 2", (600 >).....	28.84	
33 71 19 23-0067	LF		Galvanized Steel Conduit In Trench 3", (0 > 150).....	47.71	
33 71 19 23-0068	LF		Galvanized Steel Conduit In Trench 3", (150 > 300).....	46.15	
33 71 19 23-0069	LF		Galvanized Steel Conduit In Trench 3", (300 > 600).....	44.47	
33 71 19 23-0070	LF		Galvanized Steel Conduit In Trench 3", (600 >).....	44.08	
33 71 19 23-0071	LF		Galvanized Steel Conduit In Trench 4", (0 > 150).....	69.48	
33 71 19 23-0072	LF		Galvanized Steel Conduit In Trench 4", (150 > 300).....	67.16	
33 71 19 23-0073	LF		Galvanized Steel Conduit In Trench 4", (300 > 600).....	64.63	
33 71 19 23-0074	LF		Galvanized Steel Conduit In Trench 4", (600 >).....	64.04	
33 71 19 23-0075	LF		Galvanized Steel Conduit Pushed 3", (0 > 150).....	81.64	
33 71 19 23-0076	LF		Galvanized Steel Conduit Pushed 3", (150 > 300).....	80.09	
33 71 19 23-0077	LF		Galvanized Steel Conduit Pushed 3", (300 > 600).....	57.68	
33 71 19 23-0078	LF		Galvanized Steel Conduit Pushed 3", (600 >).....	54.99	
33 71 19 23-0079	LF		Galvanized Steel Conduit Pushed 4", (0 > 150).....	117.41	
33 71 19 23-0080	LF		Galvanized Steel Conduit Pushed 4", (150 > 300).....	110.78	



**33 Utilities****33 70 Electrical Utilities****33 71 Electrical Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

33 71 19 23-0081	LF		Galvanized Steel Conduit Pushed 4", (300 > 600).....	103.94	
33 71 19 23-0082	LF		Galvanized Steel Conduit Pushed 4", (600 >).....	99.06	
33 71 19 23-0083	LF		Polyvinyl Chloride (PVC) Conduit In Trench 1-1/2" (Schedule 40), (1000 >).....	9.14	
33 71 19 23-0084	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (0 > 50).....	14.28	
33 71 19 23-0085	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (50 > 250).....	12.46	
33 71 19 23-0086	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (250 > 1,000).....	11.40	
33 71 19 23-0087	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 40), (1,000 >).....	10.31	
33 71 19 23-0088	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (0 > 50).....	15.82	
33 71 19 23-0089	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (50 > 250).....	14.00	
33 71 19 23-0090	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (250 > 1,000).....	12.94	
33 71 19 23-0091	LF		Polyvinyl Chloride (PVC) Conduit In Trench 2" (Schedule 80), (1,000 >).....	11.85	
33 71 19 23-0092	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (0 > 50).....	20.76	
33 71 19 23-0093	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (50 > 250).....	18.36	
33 71 19 23-0094	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (250 > 1,000).....	17.50	
33 71 19 23-0095	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 40), (1,000 >).....	15.62	
33 71 19 23-0096	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (0 > 50).....	23.71	
33 71 19 23-0097	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (50 > 250).....	21.31	
33 71 19 23-0098	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (250 > 1,000).....	20.45	
33 71 19 23-0099	LF		Polyvinyl Chloride (PVC) Conduit In Trench 3" (Schedule 80), (1,000 >).....	18.57	
33 71 19 23-0100	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (0 > 50).....	25.90	
33 71 19 23-0101	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (50 > 250).....	22.49	
33 71 19 23-0102	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 40), (250 >).....	20.74	
33 71 19 23-0103	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (0 > 50).....	30.04	
33 71 19 23-0104	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (50 > 250).....	26.63	
33 71 19 23-0105	LF		Polyvinyl Chloride (PVC) Conduit In Trench 4" (Schedule 80), (250 >).....	24.88	
33 71 19 23-0106	LF		Electrical Cable in Conduit 3 - 1/C No. 2.....	16.76	
33 71 19 23-0107	LF		Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (0 > 1,200).....	6.05	
33 71 19 23-0108	LF		Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (1,200 > 3,600).....	5.72	
33 71 19 23-0109	LF		Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (3,600 > 10,800).....	4.53	
33 71 19 23-0110	LF		Electric Cable In Conduit, #6, 1/c, 600v EPR-Type RHW, (10,800 >).....	4.47	
33 71 19 23-0111	LF		Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (0 > 1,200).....	5.35	
33 71 19 23-0112	LF		Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (1,200 > 3,600).....	5.04	
33 71 19 23-0113	LF		Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (3,600 > 10,800).....	4.61	
33 71 19 23-0114	LF		Electric Cable In Conduit, #8, 1/c, 600v EPR-Type RHW, (10,800 >).....	4.33	
33 71 19 23-0115	LF		Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (0 > 1,200).....	3.61	
33 71 19 23-0116	LF		Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (1,200 > 3,600).....	3.17	
33 71 19 23-0117	LF		Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (3,600 > 10,800).....	2.99	
33 71 19 23-0118	LF		Electric Cable In Conduit, #10, 1/c, 600v EPR-Type RHW, (10,800 >).....	2.96	

**END OF SECTION 33**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 34 Transportation

### 34 40 Transportation Signaling and Control Equipment<sup>(34)</sup>

#### 34 41 Roadway Signaling and Control Equipment<sup>(34 40)</sup>

##### 34 41 13 Traffic Signals<sup>(34 41)</sup>

##### 34 41 13 00-0001 Traffic Signals<sup>(34 41 13)</sup>

34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern.....	8,446.25	771.75
------------------	----	--	----------	--------

##### 34 41 13 00-0003 Traffic Detector Induction Loop<sup>(34 41 13)</sup>

34 41 13 00-0004	EA	6' x 6', Dipole, 3 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	403.89	
34 41 13 00-0005	EA	6' x 6', Diagonal Quadrupole, 3 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	503.92	
34 41 13 00-0006	EA	6' x 6', Diagonal Quadrupole, 5 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	568.37	
34 41 13 00-0007	EA	6' x 6', Quadrupole, Bicycle Type, 3 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	493.79	
34 41 13 00-0008	EA	6' x 20', 3 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	856.90	
34 41 13 00-0009	EA	6' x 28', 2 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,054.21	
34 41 13 00-0010	EA	6' x 28', 3 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,120.68	
34 41 13 00-0011	EA	6' x 40', 1 Turn Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,404.28	
34 41 13 00-0012	EA	6' x 40', 2 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,502.23	
34 41 13 00-0013	EA	6' x 50', 1 Turn Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,608.50	
34 41 13 00-0014	EA	6' x 50', 2 Turns Per Loop, Traffic Detection Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,728.14	
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector..... Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.	8.70	
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector..... Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.	3.68	
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222).....	280.03	
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100).....	806.66	
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100).....	497.66	

##### 34 41 13 00-0020 Overhead Traffic Signals<sup>(34 41 13)</sup>

34 41 13 00-0021	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Plumb Mounted.....	2,344.08	
34 41 13 00-0022	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Bracket Mounted.....	2,011.28	
34 41 13 00-0023	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Bracket Mounted.....	2,623.80	
34 41 13 00-0024	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Bracket Mounted.....	2,851.78	
34 41 13 00-0025	EA	Optically Programmed Signal Head, 1-F/3-S, Bracket Mounted.....	5,025.42	
34 41 13 00-0026	EA	Optically Programmed Signal Head, 1-F/4-S, Bracket Mounted.....	7,763.29	
34 41 13 00-0027	EA	Optically Programmed Signal Head, 1-F/5-S, Bracket Mounted.....	8,820.16	
34 41 13 00-0028	EA	Signal Head, Polycarbonate/LED, 1-F/3-S, Mast Arm Mounted.....	2,351.50	
34 41 13 00-0029	EA	Signal Head, Polycarbonate/LED, 1-F/4-S, Mast Arm Mounted.....	3,125.38	
34 41 13 00-0030	EA	Signal Head, Polycarbonate/LED, 1-F/5-S, Mast Arm Mounted.....	3,231.77	
34 41 13 00-0031	EA	Optically Programmed Signal Head, 1-F/3-S, Mast Arm Mounted.....	5,541.38	
34 41 13 00-0032	EA	Optically Programmed Signal Head, 1-F/4-S, Mast Arm Mounted.....	8,012.98	
34 41 13 00-0033	EA	Optically Programmed Signal Head, 1-F/5-S, Mast Arm Mounted.....	8,990.76	
34 41 13 00-0034	EA	Pedestrian Signal Head, Polycarbonate/LED, 1-F/ 2-S, Bracket Mounted.....	1,475.80	
34 41 13 00-0035	EA	Audible Pedestrian Signal.....	1,469.19	
34 41 13 00-0036	EA	Junction Box, Pole Or Post Mounted.....	624.45	
34 41 13 00-0037	EA	Pedestrian Push Button.....	546.36	
34 41 13 00-0038	EA	Illuminated Sign, Bracket Mounted, Symbolic.....	4,603.24	
34 41 13 00-0039	EA	Illuminated Sign, Mast Arm Mounted, Symbolic.....	4,791.72	
34 41 13 00-0040	EA	Sign, Message, "BLANK OUT", Bracket Mounted.....	5,087.18	
34 41 13 00-0041	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted.....	5,399.74	
34 41 13 00-0042	EA	Sign, Fiber Optic, Bracket Mounted.....	5,821.74	
34 41 13 00-0043	EA	Sign, Fiber Optic, Mast Arm Mounted.....	6,140.76	

**34 Transportation****34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

34 41 13 00-0044	EA		15' Steel Straight Mast Arm, MONOTUBE.....	3,382.80	
34 41 13 00-0045	EA		20' Steel Straight Mast Arm, MONOTUBE.....	3,547.78	
34 41 13 00-0046	EA		25' Steel Straight Mast Arm, MONOTUBE.....	3,812.63	
34 41 13 00-0047	EA		30' Steel Straight Mast Arm, MONOTUBE.....	5,246.13	
34 41 13 00-0048	EA		35' Steel Straight Mast Arm, MONOTUBE.....	6,360.53	
34 41 13 00-0049	EA		40' Steel Straight Mast Arm, MONOTUBE.....	6,841.76	
34 41 13 00-0050	EA		45' Steel Straight Mast Arm, MONOTUBE.....	7,505.13	
34 41 13 00-0051	EA		4' Steel Curved Luminaire Mast Arm.....	1,141.51	
34 41 13 00-0052	EA		6' Steel Curved Luminaire Mast Arm.....	1,490.24	
			<i>For High Rise Arm, Add</i>	142.50	
34 41 13 00-0053	EA		8' Steel Curved Luminaire Mast Arm.....	1,864.71	
34 41 13 00-0054	EA		10' Steel Curved Luminaire Mast Arm.....	2,501.18	
			<i>For High Rise Arm, Add</i>	209.77	
34 41 13 00-0055	EA		12' Steel Curved Luminaire Mast Arm.....	2,787.56	
			<i>For High Rise Arm, Add</i>	247.39	
34 41 13 00-0056	EA		15' Steel Curved Luminaire Mast Arm.....	2,941.99	
			<i>For High Rise Arm, Add</i>	275.89	
34 41 13 00-0057	EA		15' Tubular Aluminum Post.....	1,193.49	
34 41 13 00-0058	EA		17' Tubular Aluminum Post.....	1,264.90	
34 41 13 00-0059	EA		20' Tubular Aluminum Post.....	1,400.17	
34 41 13 00-0060	EA		CUT-OFF POLE AND CAPPED.....	188.40	
34 41 13 00-0061	EA		PAINT EXISTING SL/TS CONTROLLER COMPLETE.....	57.29	
34 41 13 00-0062	EA		PAINT EXISTING TS POST COMPLETE.....	266.95	
34 41 13 00-0063	EA		1 Channel Loop Detector Amplifier.....	1,990.29	
34 41 13 00-0064	EA		4 Channel Loop Detector Amplifier.....	3,804.95	
34 41 13 00-0065	LF		Loop Detector.....	7.83	
			Note: Includes saw cutting, sealing and splicing into leads in street.		
34 41 13 00-0066	EA		FLASHING BEACON WITH DOWNLIGHT.....	2,629.71	
34 41 13 00-0067	EA		Flashing Beacon, Bracket Mounted.....	817.91	
34 41 13 00-0068	EA		Flashing Beacon, Mast Arm Mounted.....	817.91	
34 41 13 00-0069	EA		Flashing Beacon, Solar Powered, Bracket Mounted.....	24,472.63	
34 41 13 00-0070	EA		ACCUWAVE DETECTOR.....	5,242.48	
34 41 13 00-0071	EA		RTMS DETECTOR.....	16,739.68	
34 41 13 00-0072	LF		LEAD-IN CABEL: ACCUWAVE/RTMS DET.....	9.29	
34 41 13 00-0073	LF		2 Conductors, #14 AWG, Shielded Cable, Installed In Conduit.....	6.61	
34 41 13 00-0074	LF		2 Conductors, #4 AWG, Shielded Cable, Installed In Conduit.....	10.38	
34 41 13 00-0075	LF		7 Conductors, #12 AWG, Shielded Cable, Installed In Conduit.....	9.97	
34 41 13 00-0076	LF		10 Conductors, #12 AWG, Shielded Cable, Installed In Conduit.....	11.91	
34 41 13 00-0077	LF		19 Conductors, #12 AWG, Shielded Cable, Installed In Conduit.....	16.23	
34 41 13 00-0078	EA		7 Conductors, #12 AWG, TERMINATIONS.....	176.67	
34 41 13 00-0079	EA		7 Conductors, #12 AWG, SPLICE CABLES In Man Hole.....	475.37	
34 41 13 00-0080	EA		CIRCUIT BREAKER - 2 Phase, 240 Volt.....	349.64	
34 41 13 00-0081	LF		8 Conductors, #16 AWG, HARNESS CABLE.....	8.04	
34 41 13 00-0082	LF		CABLE, T.S., AERIAL, TEMP.....	10.56	
34 41 13 00-0083	EA		7-WIRE MASTER INTERCONNECT.....	1,775.75	
34 41 13 00-0084	EA		7-WIRE SLAVE INTERCONNECT.....	1,699.75	
34 41 13 00-0085	LF		F.O. HYBRID CABLE, IN CONDUIT.....	11.36	
34 41 13 00-0086	LF		INNERDUCT IN CONDUIT, 1-1/4".....	7.24	
			<i>For 2 Pulled At Same Time, Deduct</i>	-2.38	
			<i>For &gt;2 Pulled At Same Time, Deduct</i>	-3.17	
34 41 13 00-0087	EA		CABLE IN CONDUIT, With STEEL CONNECTION.....	15.44	

**34 41 13 00-0088 Traffic Signal Cable (34 41 13)**

34 41 13 00-0089	LF		16 AWG, 2-Conductor, Solid, Traffic Signal Cable.....	2.16	0.89
34 41 13 00-0090	LF		16 AWG, 3-Conductor, Solid, Traffic Signal Cable.....	2.45	0.95
34 41 13 00-0091	LF		16 AWG, 4-Conductor, Solid, Traffic Signal Cable.....	2.75	1.01
34 41 13 00-0092	LF		16 AWG, 5-Conductor, Solid, Traffic Signal Cable.....	3.02	1.08
34 41 13 00-0093	LF		16 AWG, 6-Conductor, Solid, Traffic Signal Cable.....	3.35	1.14
34 41 13 00-0094	LF		16 AWG, 8-Conductor, Solid, Traffic Signal Cable.....	3.93	1.28
34 41 13 00-0095	LF		16 AWG, 10-Conductor, Solid, Traffic Signal Cable.....	4.65	1.46
34 41 13 00-0096	LF		16 AWG, 12-Conductor, Solid, Traffic Signal Cable.....	5.36	1.65
34 41 13 00-0097	LF		16 AWG, 16-Conductor, Solid, Traffic Signal Cable.....	6.42	1.84
34 41 13 00-0098	LF		16 AWG, 20-Conductor, Solid, Traffic Signal Cable.....	7.71	2.04
34 41 13 00-0099	LF		14 AWG, 2-Conductor, Solid, Traffic Signal Cable.....	2.26	0.89
34 41 13 00-0100	LF		14 AWG, 3-Conductor, Solid, Traffic Signal Cable.....	2.59	0.95
34 41 13 00-0101	LF		14 AWG, 4-Conductor, Solid, Traffic Signal Cable.....	2.93	1.01
34 41 13 00-0102	LF		14 AWG, 5-Conductor, Solid, Traffic Signal Cable.....	3.23	1.08
34 41 13 00-0103	LF		14 AWG, 6-Conductor, Solid, Traffic Signal Cable.....	3.61	1.14
34 41 13 00-0104	LF		14 AWG, 8-Conductor, Solid, Traffic Signal Cable.....	4.27	1.28
34 41 13 00-0105	LF		14 AWG, 10-Conductor, Solid, Traffic Signal Cable.....	5.08	1.46
34 41 13 00-0106	LF		14 AWG, 12-Conductor, Solid, Traffic Signal Cable.....	5.87	1.65
34 41 13 00-0107	LF		14 AWG, 16-Conductor, Solid, Traffic Signal Cable.....	7.10	1.84
34 41 13 00-0108	LF		14 AWG, 20-Conductor, Solid, Traffic Signal Cable.....	8.62	2.04
34 41 13 00-0109	LF		12 AWG, 2-Conductor, Solid, Traffic Signal Cable.....	2.49	0.89
34 41 13 00-0110	LF		12 AWG, 3-Conductor, Solid, Traffic Signal Cable.....	2.93	0.95
34 41 13 00-0111	LF		12 AWG, 4-Conductor, Solid, Traffic Signal Cable.....	3.35	1.01
34 41 13 00-0112	LF		12 AWG, 5-Conductor, Solid, Traffic Signal Cable.....	3.74	1.08
34 41 13 00-0113	LF		12 AWG, 6-Conductor, Solid, Traffic Signal Cable.....	4.25	1.14
34 41 13 00-0114	LF		12 AWG, 8-Conductor, Solid, Traffic Signal Cable.....	5.11	1.28
34 41 13 00-0115	LF		12 AWG, 10-Conductor, Solid, Traffic Signal Cable.....	6.11	1.46
34 41 13 00-0116	LF		12 AWG, 12-Conductor, Solid, Traffic Signal Cable.....	7.10	1.65



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0117 LF 12 AWG, 16-Conductor, Solid, Traffic Signal Cable .....	8.74	1.84
34 41 13 00-0118 LF 12 AWG, 20-Conductor, Solid, Traffic Signal Cable .....	10.80	2.04
<b>34 41 13 00-0119 School Zone Flasher Beacons (34 41 13)</b>		
34 41 13 00-0120 EA One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly .....	6,137.71	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0121 EA One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly .....	6,181.91	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0122 EA Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly .....	6,932.41	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0123 EA Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly .....	7,073.87	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0124 EA 10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly ...	13,048.15	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0125 EA 10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly ...	13,602.50	193.57
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.		
<b>34 41 16 Traffic Control Equipment (34 41)</b>		
<b>34 41 16 00-0001 Transportation Control Equipment (34 41 16)</b>		
34 41 16 00-0002 EA CONTROLLER/SL/POLE MTD/1-PHASE/100A.....	12,131.95	889.05
34 41 16 00-0003 EA CONTROLLER/SL/ON EMB POLE 1-PH/100A.....	12,234.37	940.24
34 41 16 00-0004 EA CONTROLLER, SL, 3-PHASE, 100A, BASE MTD .....	15,058.67	951.31
34 41 16 00-0005 EA CONTROLLER, SL, 3-PHASE, 200A, BASE MTD .....	17,882.87	1,155.04
34 41 16 00-0006 EA CONTROLLER/SL/BASE MTD/1-PHASE/100A.....	14,990.97	569.80
34 41 16 00-0007 EA CONTROLLER/SL/BASE MTD/1-PHASE/200A.....	16,626.65	623.83
34 41 16 00-0008 EA CONTROLLER, TS, 12-BAY, "M" CABINET .....	27,422.19	980.76
34 41 16 00-0009 EA CONTROLLER, TS, 12-BAY, "P" CABINET .....	29,154.46	1,086.88
34 41 16 00-0010 EA CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER .....	41,964.90	1,221.93
34 41 16 00-0011 EA CONTROLLER, TS, 16-BAY, "P" CABINET .....	33,096.04	1,157.62
34 41 16 00-0012 EA CONTROLLER, TS, POST-MTD, TEMP .....	5,179.33	379.05
34 41 16 00-0013 EA CONTROLLER, PEDESTRIAN CROSSING, ADD-IN .....	898.82	135.95
34 41 16 00-0014 EA CONCRETE BLOCK PEDESTAL.....	805.54	204.13
34 41 16 00-0015 WK MAINTAIN EXIST TS INSTALLATION .....	321.92	160.95
34 41 16 00-0016 EA INST SIGN BOARDS, ST. NAME.....	582.51	269.21
34 41 16 00-0017 EA F.O. ADD-IN FOR LOCAL CONTROLLER.....	14,024.18	362.45
34 41 16 00-0018 EA F.O. ADD-IN FOR MASTER CONTROLLER.....	34,148.46	543.84
34 41 16 00-0019 EA F.O. STAR MODEM .....	13,186.63	543.84
34 41 16 00-0020 EA PDU Equipped netBooter With IEC320 C13 Outlets (Synaccess NP-0808DUH).....	1,093.35	15.09
34 41 16 00-0021 EA Remote Power Switched netBooter PDU, 8 Independent Outlets (Synaccess NP-0801DU) .....	619.50	15.09
<b>34 70 Transportation Construction and Equipment (34)</b>		
<b>34 71 Roadway Construction (34 70)</b>		
<b>34 71 13 Vehicle Barriers (34 71)</b>		
<b>34 71 13 13 Vehicle Median Barriers (34 71 13)</b>		
<b>34 71 13 13-0001 Concrete Median Barrier (34 71 13 13)</b>		
34 71 13 13-0002 LF Median Barrier, Precast, 42" High Single Face.....	77.76	4.80
34 71 13 13-0003 LF Median Barrier, Precast, 32" High, 2' Wide Base, Double Face .....	117.03	4.80
34 71 13 13-0004 LF Median Barrier, Precast, 42" High, 2' Wide Base, Double Face .....	158.38	4.80
34 71 13 13-0005 LF Median Barrier, Cast In Place With Steel Forms.....	52.74	6.73
34 71 13 13-0006 LF Median Barrier, Slipformed Concrete.....	45.09	3.90
<b>34 71 13 16 Vehicle Crash Barriers (34 71 13)</b>		
<b>34 71 13 16-0001 Impact Barrier, Non-Redirective (34 71 13 16)</b>		
<b>34 71 13 16-0002 Sand Barrel Impact Attenuator (34 71 13 16-0001)</b>		
Note: Includes containers, inserts, and lid. Excludes sand.		
34 71 13 16-0003 EA 200, 400 Or 700 Lb. Sand Barrel.....	689.94	60.88
Note: Includes containers, inserts, and lid.		
<b>34 71 13 26 Vehicle Guide Rails (34 71 13)</b>		
<b>34 71 13 26-0001 Corrugated Beam Guide Rail (34 71 13 26)</b>		
<b>34 71 13 26-0002 Corrugated Beam Guide Railing Assembly (34 71 13 26-0001)</b>		
34 71 13 26-0003 LF Corrugated Steel Guard Rail, Galvanized Posts 6'-3" On Center .....	67.27	12.70
For Radius Bends, Add	1.50	

**34 Transportation****34 70 Transportation Construction and Equipment****34 71 Roadway Construction**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0004 LF Corrugated Steel Guard Rail, Galvanized Posts 12'-6" On Center .....	46.88	8.48
For Radius Bends, Add	1.50	
34 71 13 26-0005 LF Corrugated Steel Guard Rail, Wood Posts 6'-3" On Center.....	132.15	17.38
For Radius Bends, Add	1.50	
34 71 13 26-0006 LF Corrugated Steel Guard Rail, Wood Posts 12'-6" On Center.....	85.86	17.38
For Radius Bends, Add	1.50	
34 71 13 26-0007 EA Corrugated Steel Galvanized End Section, Flared .....	252.20	13.77
34 71 13 26-0008 EA Corrugated Steel Wrap-Around End Section .....	351.15	13.77
34 71 13 26-0009 LF Self Weathering Corrugated Steel Guard Rail Post 12' 6" On Center.....	170.90	8.48
For Radius Bends, Add	1.50	
34 71 13 26-0010 EA Self Weathering Corrugated Steel End Section Flared.....	365.20	13.77
34 71 13 26-0011 EA Self Weathering Corrugated Steel Wrap Around End Section .....	484.87	13.77
34 71 13 26-0012 EA Guard Rail Anchorage Unit.....	1,495.77	70.95
<b>34 71 13 26-0013 Timber Guide Rails</b> (34 71 13 26)		
Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
<b>34 71 13 26-0014 Timber Guide Rail Posts</b> (34 71 13 26-0013)		
34 71 13 26-0015 EA 6" x 8" Timber Guide Rail Post .....	120.37	13.68
34 71 13 26-0016 EA 6" x 9" Timber Guide Rail Post .....	137.20	13.68
34 71 13 26-0017 EA 10" x 10" Timber Guide Rail Post .....	269.07	13.68
34 71 13 26-0018 EA 10" x 12" Timber Guide Rail Post .....	284.80	13.68
34 71 13 26-0019 EA 12" x 12" Timber Guide Rail Post .....	329.63	13.68
<b>34 71 13 26-0020 Timber Guide Rails</b> (34 71 13 26-0013)		
Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0021 LF 4" x 9" Timber Guide Rail.....	14.94	1.64
34 71 13 26-0022 LF 6" x 10" Timber Guide Rail.....	20.99	1.64
34 71 13 26-0023 LF 6" x 12" Timber Guide Rail.....	24.54	1.64
<b>34 71 13 26-0024 Spacer Blocks For Timber Guide Rails</b> (34 71 13 26-0013)		
34 71 13 26-0025 EA 4" x 9" Spacer Block For Timber Guide Rails .....	19.45	2.19
34 71 13 26-0026 EA 6" x 8" Spacer Block For Timber Guide Rails .....	22.36	2.19
34 71 13 26-0027 EA 8" x 8" Spacer Block For Timber Guide Rails .....	26.06	2.19
<b>34 71 13 26-0028 Weathering Steel Backup Plates For Timber Guide Rails</b> (34 71 13 26-0013)		
34 71 13 26-0029 LF 6" High, Weathering Steel Backup Plate For Timber Guide Rails.....	26.99	1.37
<b>34 71 13 26-0030 Weathering Steel Splice And Bearing Plates For Timber Guide Rails</b> (34 71 13 26-0013)		
34 71 13 26-0031 EA Weathering Steel Splice Plate For Timber Guide Rails.....	188.22	19.16
34 71 13 26-0032 EA Weathering Steel Bearing Termination Plate For Timber Guide Rails .....	118.13	13.68
<b>34 71 13 26-0033 Cable Guide Rail</b> (34 71 13 26)		
<b>34 71 13 26-0034 Cable Guide Rail Assembly</b> (34 71 13 26-0033)		
34 71 13 26-0035 LF Cable Guard Rail Steel Post 3 Cables At 3/4" Diameter .....	56.88	3.17
34 71 13 26-0036 LF Cable Guard Rail Wood Post 3 Cables At 3/4" Diameter .....	21.61	3.17
34 71 13 26-0037 LF Cable Guard Rail Steel Post 3 Cables, Double Faced At 3/4" Diameter.....	63.03	1.06
34 71 13 26-0038 LF Cable Guard Rail Wood Post 3 Cables, Double Faced At 3/4" Diameter .....	35.06	1.06
34 71 13 26-0039 EA Cable Guard Rail Breakaway Wood Post.....	468.41	70.95
<b>34 71 13 26-0040 6" x 6" Box Beam Guide Rail</b> (34 71 13 26)		
<b>34 71 13 26-0041 6" x 6" Box Beam Guide Rail Assembly</b> (34 71 13 26-0040)		
34 71 13 26-0042 LF Guide Rail, 6' x 6" Steel Box Beam.....	111.81	7.41
34 71 13 26-0043 EA Guide Rail End Assembly .....	291.20	22.23
<b>34 71 13 26-0044 6" x 8" Box Beam Median Barrier</b> (34 71 13 26)		
<b>34 71 13 26-0045 6" x 8" Box Beam Median Barrier Assembly</b> (34 71 13 26-0044)		
34 71 13 26-0046 LF Median Barrier, 6" x 8" Steel Box Beam .....	139.84	8.48
34 71 13 26-0047 LF Median Barrier, Shop Curved .....	88.10	11.65
34 71 13 26-0048 LF Median Barrier, Corrugated Beam .....	45.25	3.17
<b>34 71 13 26-0049 Resilient Guard Fence And Light Shield</b> (34 71 13 26)		
34 71 13 26-0050 LF Resilient Guard Fence And Light Shield, Up To 6' High .....	104.61	8.48
<b>34 71 13 26-0051 Individual Concrete Guard Rail Posts</b> (34 71 13 26)		
34 71 13 26-0052 EA 6'-5" Concrete Guard Rail Posts, Round.....	103.84	8.48
34 71 13 26-0053 EA 6'-5" Concrete Posts, Square.....	116.16	9.53





<b>Transportation</b>	<b>34</b>	<b>34</b>
<b>Transportation Construction and Equipment</b>	<b>34 70</b>	
<b>Roadway Construction</b>	<b>34 71</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0054 EA 6'-5" Concrete Posts, Triangular.....	113.13	9.53
<b>34 71 16 Impact Attenuating Devices (34 71)</b>		
<b>34 71 16 00-0001 Guard Rail Energy Absorbing Terminals (34 71 16)</b>		
Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
<b>34 71 16 00-0002 24" Wide Guard Rail Energy Absorbing Terminals (34 71 16 00-0001)</b>		
34 71 16 00-0003 EA 24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator .....	37,618.69	3,892.22
34 71 16 00-0004 EA 24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator .....	52,211.69	5,189.62
34 71 16 00-0005 EA 24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator .....	71,214.61	6,811.38
34 71 16 00-0006 EA 24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator .....	79,290.20	8,433.13
<b>34 71 16 00-0007 30" Wide Guard Rail Energy Absorbing Terminals (34 71 16 00-0001)</b>		
34 71 16 00-0008 EA 30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator .....	40,537.20	4,378.74
34 71 16 00-0009 EA 30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator .....	56,428.04	5,838.32
34 71 16 00-0010 EA 30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator .....	77,408.98	7,784.43
34 71 16 00-0011 EA 30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator .....	88,728.40	9,406.18
<b>34 71 16 00-0012 36" Wide Guard Rail Energy Absorbing Terminals (34 71 16 00-0001)</b>		
34 71 16 00-0013 EA 36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator .....	43,488.50	4,865.27
34 71 16 00-0014 EA 36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator .....	60,676.35	6,487.02
34 71 16 00-0015 EA 36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator .....	82,923.72	8,595.31
34 71 16 00-0016 EA 36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator .....	98,132.75	10,379.23
<b>34 71 16 00-0017 69" Wide Guard Rail Energy Absorbing Terminals (34 71 16 00-0001)</b>		
34 71 16 00-0018 EA 69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator .....	47,105.14	5,351.80
34 71 16 00-0019 EA 69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator .....	65,183.99	7,135.72
34 71 16 00-0020 EA 69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator .....	89,474.19	9,406.18
34 71 16 00-0021 EA 69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator .....	105,395.56	11,352.29
<b>34 71 16 00-0022 90" Wide Guard Rail Energy Absorbing Terminals (34 71 16 00-0001)</b>		
34 71 16 00-0023 EA 90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator .....	50,818.34	5,838.32
34 71 16 00-0024 EA 90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator .....	69,805.08	7,784.43
34 71 16 00-0025 EA 90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator .....	96,900.56	10,379.23
34 71 16 00-0026 EA 90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator .....	112,857.81	12,325.34
<b>34 71 19 Vehicle Delineators (34 71)</b>		
<b>34 71 19 16 Flexible Vehicle Delineators (34 71 19)</b>		
34 71 19 16-0001 EA 2' High, 3" Diameter Flexible Fixed Stanchion Delineator.....	102.62	10.58
34 71 19 16-0002 EA 3' High, 3" Diameter Flexible Fixed Stanchion Delineator.....	104.00	10.58
34 71 19 16-0003 EA 3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator .....	105.38	10.58
34 71 19 16-0004 EA 4' High, 3" Diameter Flexible Fixed Stanchion Delineator.....	106.77	10.58

**END OF SECTION 34**

<b>34</b>	<b>34</b>	<b>Transportation</b>
	<b>34 70</b>	<b>Transportation Construction and Equipment</b>
	<b>34 71</b>	<b>Roadway Construction</b>



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 40 Process Interconnections

### 40 05 Common Work Results For Process Interconnections <sup>(40)</sup>

#### 40 05 19 Ductile Iron Process Pipe <sup>(40 05)</sup>

40 05 19 00-0001	<b>Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping</b> <sup>(40 05 19)</sup> <small>Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.</small>	
40 05 19 00-0002	<b>Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0001)</small>	
40 05 19 00-0003	<b>4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>	
40 05 19 00-0004	EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 912.54	226.87
	<i>For Class 52 Rating, Deduct</i> -62.57	
	<i>For Class 54 Rating, Add</i> 89.44	
	<i>For Class 55 Rating, Add</i> 135.09	
	<i>For Class 56 Rating, Add</i> 180.17	
40 05 19 00-0005	EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 979.39	230.83
	<i>For Class 52 Rating, Deduct</i> -69.26	
	<i>For Class 54 Rating, Add</i> 98.64	
	<i>For Class 55 Rating, Add</i> 148.81	
	<i>For Class 56 Rating, Add</i> 198.34	
40 05 19 00-0006	EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,046.27	234.79
	<i>For Class 52 Rating, Deduct</i> -75.96	
	<i>For Class 54 Rating, Add</i> 107.85	
	<i>For Class 55 Rating, Add</i> 162.52	
	<i>For Class 56 Rating, Add</i> 216.51	
40 05 19 00-0007	EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,113.13	238.77
	<i>For Class 52 Rating, Deduct</i> -82.65	
	<i>For Class 54 Rating, Add</i> 117.05	
	<i>For Class 55 Rating, Add</i> 176.24	
	<i>For Class 56 Rating, Add</i> 234.68	
40 05 19 00-0008	EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,180.01	242.73
	<i>For Class 52 Rating, Deduct</i> -89.35	
	<i>For Class 54 Rating, Add</i> 126.25	
	<i>For Class 55 Rating, Add</i> 189.95	
	<i>For Class 56 Rating, Add</i> 252.85	
40 05 19 00-0009	EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,246.87	246.70
	<i>For Class 52 Rating, Deduct</i> -96.04	
	<i>For Class 54 Rating, Add</i> 135.45	
	<i>For Class 55 Rating, Add</i> 203.67	
	<i>For Class 56 Rating, Add</i> 271.02	
40 05 19 00-0010	EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,313.75	250.67
	<i>For Class 52 Rating, Deduct</i> -102.73	
	<i>For Class 54 Rating, Add</i> 144.65	
	<i>For Class 55 Rating, Add</i> 217.39	
	<i>For Class 56 Rating, Add</i> 289.19	
40 05 19 00-0011	EA 4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,380.61	254.63
	<i>For Class 52 Rating, Deduct</i> -109.43	
	<i>For Class 54 Rating, Add</i> 153.85	
	<i>For Class 55 Rating, Add</i> 231.10	
	<i>For Class 56 Rating, Add</i> 307.36	
40 05 19 00-0012	EA 4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,447.47	258.60
	<i>For Class 52 Rating, Deduct</i> -116.12	
	<i>For Class 54 Rating, Add</i> 163.05	
	<i>For Class 55 Rating, Add</i> 244.82	
	<i>For Class 56 Rating, Add</i> 325.52	
40 05 19 00-0013	EA 4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,514.34	262.56
	<i>For Class 52 Rating, Deduct</i> -122.82	
	<i>For Class 54 Rating, Add</i> 172.25	
	<i>For Class 55 Rating, Add</i> 258.53	
	<i>For Class 56 Rating, Add</i> 343.69	
40 05 19 00-0014	EA 4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,581.21	266.53
	<i>For Class 52 Rating, Deduct</i> -129.51	
	<i>For Class 54 Rating, Add</i> 181.45	
	<i>For Class 55 Rating, Add</i> 272.25	
	<i>For Class 56 Rating, Add</i> 361.86	
40 05 19 00-0015	EA 4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,648.08	270.50
	<i>For Class 52 Rating, Deduct</i> -136.21	
	<i>For Class 54 Rating, Add</i> 190.65	
	<i>For Class 55 Rating, Add</i> 285.96	
	<i>For Class 56 Rating, Add</i> 380.04	
40 05 19 00-0016	EA 4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ..... 1,714.95	274.46
	<i>For Class 52 Rating, Deduct</i> -142.90	
	<i>For Class 54 Rating, Add</i> 199.86	
	<i>For Class 55 Rating, Add</i> 299.68	
	<i>For Class 56 Rating, Add</i> 398.21	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA		4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,781.82	278.42
			<i>For Class 52 Rating, Deduct</i>	-149.60	
			<i>For Class 54 Rating, Add</i>	209.06	
			<i>For Class 55 Rating, Add</i>	313.40	
			<i>For Class 56 Rating, Add</i>	416.38	
40 05 19 00-0018	EA		4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,848.69	282.40
			<i>For Class 52 Rating, Deduct</i>	-156.29	
			<i>For Class 54 Rating, Add</i>	218.26	
			<i>For Class 55 Rating, Add</i>	327.11	
			<i>For Class 56 Rating, Add</i>	434.55	
40 05 19 00-0019	EA		4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,915.56	286.36
			<i>For Class 52 Rating, Deduct</i>	-162.98	
			<i>For Class 54 Rating, Add</i>	227.46	
			<i>For Class 55 Rating, Add</i>	340.83	
			<i>For Class 56 Rating, Add</i>	452.72	
40 05 19 00-0020	EA		4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,982.42	290.32
			<i>For Class 52 Rating, Deduct</i>	-169.68	
			<i>For Class 54 Rating, Add</i>	236.66	
			<i>For Class 55 Rating, Add</i>	354.54	
			<i>For Class 56 Rating, Add</i>	470.88	
40 05 19 00-0021	EA		4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,049.28	294.29
			<i>For Class 52 Rating, Deduct</i>	-176.37	
			<i>For Class 54 Rating, Add</i>	245.86	
			<i>For Class 55 Rating, Add</i>	368.26	
			<i>For Class 56 Rating, Add</i>	489.05	
40 05 19 00-0022	EA		4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,116.16	298.26
			<i>For Class 52 Rating, Deduct</i>	-183.07	
			<i>For Class 54 Rating, Add</i>	255.06	
			<i>For Class 55 Rating, Add</i>	381.97	
			<i>For Class 56 Rating, Add</i>	507.22	
40 05 19 00-0023	EA		4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,183.02	302.23
			<i>For Class 52 Rating, Deduct</i>	-189.76	
			<i>For Class 54 Rating, Add</i>	264.26	
			<i>For Class 55 Rating, Add</i>	395.69	
			<i>For Class 56 Rating, Add</i>	525.39	
40 05 19 00-0024	EA		4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,249.90	306.19
			<i>For Class 52 Rating, Deduct</i>	-196.46	
			<i>For Class 54 Rating, Add</i>	273.46	
			<i>For Class 55 Rating, Add</i>	409.41	
			<i>For Class 56 Rating, Add</i>	543.56	
40 05 19 00-0025	EA		4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,316.76	310.16
			<i>For Class 52 Rating, Deduct</i>	-203.15	
			<i>For Class 54 Rating, Add</i>	282.66	
			<i>For Class 55 Rating, Add</i>	423.12	
			<i>For Class 56 Rating, Add</i>	561.73	
40 05 19 00-0026	EA		4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,383.64	314.13
			<i>For Class 52 Rating, Deduct</i>	-209.85	
			<i>For Class 54 Rating, Add</i>	291.86	
			<i>For Class 55 Rating, Add</i>	436.84	
			<i>For Class 56 Rating, Add</i>	579.90	
40 05 19 00-0027	EA		4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,450.50	318.09
			<i>For Class 52 Rating, Deduct</i>	-216.54	
			<i>For Class 54 Rating, Add</i>	301.07	
			<i>For Class 55 Rating, Add</i>	450.55	
			<i>For Class 56 Rating, Add</i>	598.07	
40 05 19 00-0028	EA		4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,517.37	322.05
			<i>For Class 52 Rating, Deduct</i>	-223.23	
			<i>For Class 54 Rating, Add</i>	310.27	
			<i>For Class 55 Rating, Add</i>	464.27	
			<i>For Class 56 Rating, Add</i>	616.24	
40 05 19 00-0029	EA		4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,584.23	326.03
			<i>For Class 52 Rating, Deduct</i>	-229.93	
			<i>For Class 54 Rating, Add</i>	319.47	
			<i>For Class 55 Rating, Add</i>	477.98	
			<i>For Class 56 Rating, Add</i>	634.41	
40 05 19 00-0030	EA		4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,651.10	329.99
			<i>For Class 52 Rating, Deduct</i>	-236.62	
			<i>For Class 54 Rating, Add</i>	328.67	
			<i>For Class 55 Rating, Add</i>	491.70	
			<i>For Class 56 Rating, Add</i>	652.58	
40 05 19 00-0031	EA		4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,717.97	333.95
			<i>For Class 52 Rating, Deduct</i>	-243.32	
			<i>For Class 54 Rating, Add</i>	337.87	
			<i>For Class 55 Rating, Add</i>	505.42	
			<i>For Class 56 Rating, Add</i>	670.75	
40 05 19 00-0032	EA		4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,784.84	337.92
			<i>For Class 52 Rating, Deduct</i>	-250.01	
			<i>For Class 54 Rating, Add</i>	347.07	
			<i>For Class 55 Rating, Add</i>	519.13	
			<i>For Class 56 Rating, Add</i>	688.92	
40 05 19 00-0033	EA		4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,851.71	341.89
			<i>For Class 52 Rating, Deduct</i>	-256.71	
			<i>For Class 54 Rating, Add</i>	356.27	
			<i>For Class 55 Rating, Add</i>	532.85	
			<i>For Class 56 Rating, Add</i>	707.09	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034 EA 4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,918.58	345.85
<i>For Class 52 Rating, Deduct</i>	-263.40	
<i>For Class 54 Rating, Add</i>	365.47	
<i>For Class 55 Rating, Add</i>	546.56	
<i>For Class 56 Rating, Add</i>	725.26	
40 05 19 00-0035 EA 4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,985.45	349.82
<i>For Class 52 Rating, Deduct</i>	-270.10	
<i>For Class 54 Rating, Add</i>	374.67	
<i>For Class 55 Rating, Add</i>	560.28	
<i>For Class 56 Rating, Add</i>	743.43	
40 05 19 00-0036 EA 4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,052.31	353.78
<i>For Class 52 Rating, Deduct</i>	-276.79	
<i>For Class 54 Rating, Add</i>	383.87	
<i>For Class 55 Rating, Add</i>	573.99	
<i>For Class 56 Rating, Add</i>	761.60	
40 05 19 00-0037 EA 4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,119.18	357.76
<i>For Class 52 Rating, Deduct</i>	-283.48	
<i>For Class 54 Rating, Add</i>	393.07	
<i>For Class 55 Rating, Add</i>	587.71	
<i>For Class 56 Rating, Add</i>	779.77	
40 05 19 00-0038 EA 4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,186.05	361.72
<i>For Class 52 Rating, Deduct</i>	-290.18	
<i>For Class 54 Rating, Add</i>	402.28	
<i>For Class 55 Rating, Add</i>	601.43	
<i>For Class 56 Rating, Add</i>	797.94	
40 05 19 00-0039 EA 4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,252.92	365.68
<i>For Class 52 Rating, Deduct</i>	-296.87	
<i>For Class 54 Rating, Add</i>	411.48	
<i>For Class 55 Rating, Add</i>	615.14	
<i>For Class 56 Rating, Add</i>	816.11	
40 05 19 00-0040 EA 4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,319.79	369.66
<i>For Class 52 Rating, Deduct</i>	-303.57	
<i>For Class 54 Rating, Add</i>	420.68	
<i>For Class 55 Rating, Add</i>	628.86	
<i>For Class 56 Rating, Add</i>	834.28	
40 05 19 00-0041 EA 4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,386.65	373.62
<i>For Class 52 Rating, Deduct</i>	-310.26	
<i>For Class 54 Rating, Add</i>	429.88	
<i>For Class 55 Rating, Add</i>	642.57	
<i>For Class 56 Rating, Add</i>	852.45	
40 05 19 00-0042 EA 4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,453.53	377.58
<i>For Class 52 Rating, Deduct</i>	-316.96	
<i>For Class 54 Rating, Add</i>	439.08	
<i>For Class 55 Rating, Add</i>	656.29	
<i>For Class 56 Rating, Add</i>	870.62	
<b>40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0044 EA 6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,155.95	285.57
<i>For Class 52 Rating, Deduct</i>	-79.56	
<i>For Class 54 Rating, Add</i>	113.68	
<i>For Class 55 Rating, Add</i>	171.68	
<i>For Class 56 Rating, Add</i>	228.94	
40 05 19 00-0045 EA 6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,236.88	289.53
<i>For Class 52 Rating, Deduct</i>	-87.80	
<i>For Class 54 Rating, Add</i>	124.99	
<i>For Class 55 Rating, Add</i>	188.52	
<i>For Class 56 Rating, Add</i>	251.26	
40 05 19 00-0046 EA 6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,317.78	293.50
<i>For Class 52 Rating, Deduct</i>	-96.04	
<i>For Class 54 Rating, Add</i>	136.30	
<i>For Class 55 Rating, Add</i>	205.37	
<i>For Class 56 Rating, Add</i>	273.57	
40 05 19 00-0047 EA 6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,398.70	297.47
<i>For Class 52 Rating, Deduct</i>	-104.28	
<i>For Class 54 Rating, Add</i>	147.61	
<i>For Class 55 Rating, Add</i>	222.22	
<i>For Class 56 Rating, Add</i>	295.88	
40 05 19 00-0048 EA 6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,479.60	301.43
<i>For Class 52 Rating, Deduct</i>	-112.52	
<i>For Class 54 Rating, Add</i>	158.91	
<i>For Class 55 Rating, Add</i>	239.07	
<i>For Class 56 Rating, Add</i>	318.19	
40 05 19 00-0049 EA 6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,560.53	305.39
<i>For Class 52 Rating, Deduct</i>	-120.76	
<i>For Class 54 Rating, Add</i>	170.22	
<i>For Class 55 Rating, Add</i>	255.91	
<i>For Class 56 Rating, Add</i>	340.51	
40 05 19 00-0050 EA 6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,641.43	309.37
<i>For Class 52 Rating, Deduct</i>	-129.00	
<i>For Class 54 Rating, Add</i>	181.53	
<i>For Class 55 Rating, Add</i>	272.76	
<i>For Class 56 Rating, Add</i>	362.82	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0051	EA		6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,722.34	313.33
			<i>For Class 52 Rating, Deduct</i>	-137.24	
			<i>For Class 54 Rating, Add</i>	192.84	
			<i>For Class 55 Rating, Add</i>	289.61	
			<i>For Class 56 Rating, Add</i>	385.13	
40 05 19 00-0052	EA		6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,803.26	317.29
			<i>For Class 52 Rating, Deduct</i>	-145.48	
			<i>For Class 54 Rating, Add</i>	204.15	
			<i>For Class 55 Rating, Add</i>	306.46	
			<i>For Class 56 Rating, Add</i>	407.45	
40 05 19 00-0053	EA		6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,884.17	321.26
			<i>For Class 52 Rating, Deduct</i>	-153.72	
			<i>For Class 54 Rating, Add</i>	215.45	
			<i>For Class 55 Rating, Add</i>	323.30	
			<i>For Class 56 Rating, Add</i>	429.76	
40 05 19 00-0054	EA		6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,965.08	325.23
			<i>For Class 52 Rating, Deduct</i>	-161.95	
			<i>For Class 54 Rating, Add</i>	226.76	
			<i>For Class 55 Rating, Add</i>	340.15	
			<i>For Class 56 Rating, Add</i>	452.07	
40 05 19 00-0055	EA		6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,046.00	329.20
			<i>For Class 52 Rating, Deduct</i>	-170.19	
			<i>For Class 54 Rating, Add</i>	238.07	
			<i>For Class 55 Rating, Add</i>	357.00	
			<i>For Class 56 Rating, Add</i>	474.39	
40 05 19 00-0056	EA		6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,126.91	333.16
			<i>For Class 52 Rating, Deduct</i>	-178.43	
			<i>For Class 54 Rating, Add</i>	249.38	
			<i>For Class 55 Rating, Add</i>	373.85	
			<i>For Class 56 Rating, Add</i>	496.70	
40 05 19 00-0057	EA		6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,207.82	337.13
			<i>For Class 52 Rating, Deduct</i>	-186.67	
			<i>For Class 54 Rating, Add</i>	260.68	
			<i>For Class 55 Rating, Add</i>	390.69	
			<i>For Class 56 Rating, Add</i>	519.01	
40 05 19 00-0058	EA		6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,288.73	341.10
			<i>For Class 52 Rating, Deduct</i>	-194.91	
			<i>For Class 54 Rating, Add</i>	271.99	
			<i>For Class 55 Rating, Add</i>	407.54	
			<i>For Class 56 Rating, Add</i>	541.32	
40 05 19 00-0059	EA		6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,369.65	345.06
			<i>For Class 52 Rating, Deduct</i>	-203.15	
			<i>For Class 54 Rating, Add</i>	283.30	
			<i>For Class 55 Rating, Add</i>	424.39	
			<i>For Class 56 Rating, Add</i>	563.64	
40 05 19 00-0060	EA		6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,450.55	349.02
			<i>For Class 52 Rating, Deduct</i>	-211.39	
			<i>For Class 54 Rating, Add</i>	294.61	
			<i>For Class 55 Rating, Add</i>	441.24	
			<i>For Class 56 Rating, Add</i>	585.95	
40 05 19 00-0061	EA		6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,531.47	353.00
			<i>For Class 52 Rating, Deduct</i>	-219.63	
			<i>For Class 54 Rating, Add</i>	305.91	
			<i>For Class 55 Rating, Add</i>	458.08	
			<i>For Class 56 Rating, Add</i>	608.26	
40 05 19 00-0062	EA		6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,612.38	356.96
			<i>For Class 52 Rating, Deduct</i>	-227.87	
			<i>For Class 54 Rating, Add</i>	317.22	
			<i>For Class 55 Rating, Add</i>	474.93	
			<i>For Class 56 Rating, Add</i>	630.57	
40 05 19 00-0063	EA		6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,693.30	360.92
			<i>For Class 52 Rating, Deduct</i>	-236.11	
			<i>For Class 54 Rating, Add</i>	328.53	
			<i>For Class 55 Rating, Add</i>	491.78	
			<i>For Class 56 Rating, Add</i>	652.89	
40 05 19 00-0064	EA		6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,774.20	364.89
			<i>For Class 52 Rating, Deduct</i>	-244.35	
			<i>For Class 54 Rating, Add</i>	339.84	
			<i>For Class 55 Rating, Add</i>	508.63	
			<i>For Class 56 Rating, Add</i>	675.20	
40 05 19 00-0065	EA		6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,855.13	368.86
			<i>For Class 52 Rating, Deduct</i>	-252.59	
			<i>For Class 54 Rating, Add</i>	351.14	
			<i>For Class 55 Rating, Add</i>	525.48	
			<i>For Class 56 Rating, Add</i>	697.51	
40 05 19 00-0066	EA		6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,936.03	372.82
			<i>For Class 52 Rating, Deduct</i>	-260.83	
			<i>For Class 54 Rating, Add</i>	362.45	
			<i>For Class 55 Rating, Add</i>	542.32	
			<i>For Class 56 Rating, Add</i>	719.82	
40 05 19 00-0067	EA		6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,016.95	376.79
			<i>For Class 52 Rating, Deduct</i>	-269.07	
			<i>For Class 54 Rating, Add</i>	373.76	
			<i>For Class 55 Rating, Add</i>	559.17	
			<i>For Class 56 Rating, Add</i>	742.14	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068 EA 6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,097.86	380.75
<i>For Class 52 Rating, Deduct</i>	-277.31	
<i>For Class 54 Rating, Add</i>	385.07	
<i>For Class 55 Rating, Add</i>	576.02	
<i>For Class 56 Rating, Add</i>	764.45	
40 05 19 00-0069 EA 6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,178.77	384.73
<i>For Class 52 Rating, Deduct</i>	-285.54	
<i>For Class 54 Rating, Add</i>	396.37	
<i>For Class 55 Rating, Add</i>	592.87	
<i>For Class 56 Rating, Add</i>	786.76	
40 05 19 00-0070 EA 6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,259.68	388.69
<i>For Class 52 Rating, Deduct</i>	-293.78	
<i>For Class 54 Rating, Add</i>	407.68	
<i>For Class 55 Rating, Add</i>	609.71	
<i>For Class 56 Rating, Add</i>	809.08	
40 05 19 00-0071 EA 6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,340.59	392.65
<i>For Class 52 Rating, Deduct</i>	-302.02	
<i>For Class 54 Rating, Add</i>	418.99	
<i>For Class 55 Rating, Add</i>	626.56	
<i>For Class 56 Rating, Add</i>	831.39	
40 05 19 00-0072 EA 6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,421.51	396.63
<i>For Class 52 Rating, Deduct</i>	-310.26	
<i>For Class 54 Rating, Add</i>	430.30	
<i>For Class 55 Rating, Add</i>	643.41	
<i>For Class 56 Rating, Add</i>	853.70	
40 05 19 00-0073 EA 6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,502.42	400.59
<i>For Class 52 Rating, Deduct</i>	-318.50	
<i>For Class 54 Rating, Add</i>	441.60	
<i>For Class 55 Rating, Add</i>	660.26	
<i>For Class 56 Rating, Add</i>	876.01	
40 05 19 00-0074 EA 6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,583.33	404.55
<i>For Class 52 Rating, Deduct</i>	-326.74	
<i>For Class 54 Rating, Add</i>	452.91	
<i>For Class 55 Rating, Add</i>	677.10	
<i>For Class 56 Rating, Add</i>	898.33	
40 05 19 00-0075 EA 6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,664.25	408.52
<i>For Class 52 Rating, Deduct</i>	-334.98	
<i>For Class 54 Rating, Add</i>	464.22	
<i>For Class 55 Rating, Add</i>	693.95	
<i>For Class 56 Rating, Add</i>	920.64	
40 05 19 00-0076 EA 6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,745.16	412.49
<i>For Class 52 Rating, Deduct</i>	-343.22	
<i>For Class 54 Rating, Add</i>	475.53	
<i>For Class 55 Rating, Add</i>	710.80	
<i>For Class 56 Rating, Add</i>	942.95	
40 05 19 00-0077 EA 6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,826.07	416.45
<i>For Class 52 Rating, Deduct</i>	-351.46	
<i>For Class 54 Rating, Add</i>	486.83	
<i>For Class 55 Rating, Add</i>	727.65	
<i>For Class 56 Rating, Add</i>	965.26	
40 05 19 00-0078 EA 6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,906.99	420.42
<i>For Class 52 Rating, Deduct</i>	-359.70	
<i>For Class 54 Rating, Add</i>	498.14	
<i>For Class 55 Rating, Add</i>	744.50	
<i>For Class 56 Rating, Add</i>	987.58	
40 05 19 00-0079 EA 6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,987.90	424.38
<i>For Class 52 Rating, Deduct</i>	-367.94	
<i>For Class 54 Rating, Add</i>	509.45	
<i>For Class 55 Rating, Add</i>	761.34	
<i>For Class 56 Rating, Add</i>	1,009.89	
40 05 19 00-0080 EA 6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,068.80	428.35
<i>For Class 52 Rating, Deduct</i>	-376.18	
<i>For Class 54 Rating, Add</i>	520.76	
<i>For Class 55 Rating, Add</i>	778.19	
<i>For Class 56 Rating, Add</i>	1,032.20	
40 05 19 00-0081 EA 6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,149.73	432.32
<i>For Class 52 Rating, Deduct</i>	-384.42	
<i>For Class 54 Rating, Add</i>	532.07	
<i>For Class 55 Rating, Add</i>	795.04	
<i>For Class 56 Rating, Add</i>	1,054.52	
40 05 19 00-0082 EA 6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,230.63	436.28
<i>For Class 52 Rating, Deduct</i>	-392.66	
<i>For Class 54 Rating, Add</i>	543.37	
<i>For Class 55 Rating, Add</i>	811.89	
<i>For Class 56 Rating, Add</i>	1,076.83	
<b>40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b>		
<small>(40 05 19 00-0002)</small>		
40 05 19 00-0084 EA 8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,617.89	364.89
<i>For Class 52 Rating, Deduct</i>	-117.15	
<i>For Class 54 Rating, Add</i>	166.39	
<i>For Class 55 Rating, Add</i>	250.77	
<i>For Class 56 Rating, Add</i>	334.09	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0085	EA		8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,726.90	368.86
			<i>For Class 52 Rating, Deduct</i>	-128.48	
			<i>For Class 54 Rating, Add</i>	181.91	
			<i>For Class 55 Rating, Add</i>	273.88	
			<i>For Class 56 Rating, Add</i>	364.69	
40 05 19 00-0086	EA		8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,835.89	372.82
			<i>For Class 52 Rating, Deduct</i>	-139.81	
			<i>For Class 54 Rating, Add</i>	197.43	
			<i>For Class 55 Rating, Add</i>	296.99	
			<i>For Class 56 Rating, Add</i>	395.28	
40 05 19 00-0087	EA		8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,944.90	376.79
			<i>For Class 52 Rating, Deduct</i>	-151.14	
			<i>For Class 54 Rating, Add</i>	212.95	
			<i>For Class 55 Rating, Add</i>	320.10	
			<i>For Class 56 Rating, Add</i>	425.88	
40 05 19 00-0088	EA		8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,053.89	380.75
			<i>For Class 52 Rating, Deduct</i>	-162.47	
			<i>For Class 54 Rating, Add</i>	228.47	
			<i>For Class 55 Rating, Add</i>	343.21	
			<i>For Class 56 Rating, Add</i>	456.48	
40 05 19 00-0089	EA		8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,162.90	384.73
			<i>For Class 52 Rating, Deduct</i>	-173.80	
			<i>For Class 54 Rating, Add</i>	243.99	
			<i>For Class 55 Rating, Add</i>	366.33	
			<i>For Class 56 Rating, Add</i>	487.08	
40 05 19 00-0090	EA		8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,271.90	388.69
			<i>For Class 52 Rating, Deduct</i>	-185.13	
			<i>For Class 54 Rating, Add</i>	259.51	
			<i>For Class 55 Rating, Add</i>	389.44	
			<i>For Class 56 Rating, Add</i>	517.68	
40 05 19 00-0091	EA		8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,380.90	392.65
			<i>For Class 52 Rating, Deduct</i>	-196.46	
			<i>For Class 54 Rating, Add</i>	275.03	
			<i>For Class 55 Rating, Add</i>	412.55	
			<i>For Class 56 Rating, Add</i>	548.28	
40 05 19 00-0092	EA		8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,489.90	396.63
			<i>For Class 52 Rating, Deduct</i>	-207.79	
			<i>For Class 54 Rating, Add</i>	290.56	
			<i>For Class 55 Rating, Add</i>	435.66	
			<i>For Class 56 Rating, Add</i>	578.88	
40 05 19 00-0093	EA		8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,598.90	400.59
			<i>For Class 52 Rating, Deduct</i>	-219.11	
			<i>For Class 54 Rating, Add</i>	306.08	
			<i>For Class 55 Rating, Add</i>	458.77	
			<i>For Class 56 Rating, Add</i>	609.48	
40 05 19 00-0094	EA		8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,707.90	404.55
			<i>For Class 52 Rating, Deduct</i>	-230.44	
			<i>For Class 54 Rating, Add</i>	321.60	
			<i>For Class 55 Rating, Add</i>	481.88	
			<i>For Class 56 Rating, Add</i>	640.07	
40 05 19 00-0095	EA		8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,816.91	408.52
			<i>For Class 52 Rating, Deduct</i>	-241.77	
			<i>For Class 54 Rating, Add</i>	337.12	
			<i>For Class 55 Rating, Add</i>	505.00	
			<i>For Class 56 Rating, Add</i>	670.68	
40 05 19 00-0096	EA		8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,925.91	412.49
			<i>For Class 52 Rating, Deduct</i>	-253.10	
			<i>For Class 54 Rating, Add</i>	352.64	
			<i>For Class 55 Rating, Add</i>	528.11	
			<i>For Class 56 Rating, Add</i>	701.27	
40 05 19 00-0097	EA		8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,034.91	416.45
			<i>For Class 52 Rating, Deduct</i>	-264.43	
			<i>For Class 54 Rating, Add</i>	368.16	
			<i>For Class 55 Rating, Add</i>	551.22	
			<i>For Class 56 Rating, Add</i>	731.87	
40 05 19 00-0098	EA		8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,143.91	420.42
			<i>For Class 52 Rating, Deduct</i>	-275.76	
			<i>For Class 54 Rating, Add</i>	383.68	
			<i>For Class 55 Rating, Add</i>	574.33	
			<i>For Class 56 Rating, Add</i>	762.47	
40 05 19 00-0099	EA		8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,252.91	424.38
			<i>For Class 52 Rating, Deduct</i>	-287.09	
			<i>For Class 54 Rating, Add</i>	399.20	
			<i>For Class 55 Rating, Add</i>	597.44	
			<i>For Class 56 Rating, Add</i>	793.07	
40 05 19 00-0100	EA		8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,361.90	428.35
			<i>For Class 52 Rating, Deduct</i>	-298.42	
			<i>For Class 54 Rating, Add</i>	414.72	
			<i>For Class 55 Rating, Add</i>	620.55	
			<i>For Class 56 Rating, Add</i>	823.67	
40 05 19 00-0101	EA		8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,470.92	432.32
			<i>For Class 52 Rating, Deduct</i>	-309.75	
			<i>For Class 54 Rating, Add</i>	430.24	
			<i>For Class 55 Rating, Add</i>	643.66	
			<i>For Class 56 Rating, Add</i>	854.27	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
Ductile Iron Process Pipe 40 05 19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102 EA 8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,579.91	436.28
<i>For Class 52 Rating, Deduct</i>	-321.08	
<i>For Class 54 Rating, Add</i>	445.76	
<i>For Class 55 Rating, Add</i>	666.77	
<i>For Class 56 Rating, Add</i>	884.87	
40 05 19 00-0103 EA 8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,688.92	440.25
<i>For Class 52 Rating, Deduct</i>	-332.41	
<i>For Class 54 Rating, Add</i>	461.29	
<i>For Class 55 Rating, Add</i>	689.89	
<i>For Class 56 Rating, Add</i>	915.47	
40 05 19 00-0104 EA 8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,797.91	444.22
<i>For Class 52 Rating, Deduct</i>	-343.73	
<i>For Class 54 Rating, Add</i>	476.81	
<i>For Class 55 Rating, Add</i>	713.00	
<i>For Class 56 Rating, Add</i>	946.06	
40 05 19 00-0105 EA 8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,906.92	448.18
<i>For Class 52 Rating, Deduct</i>	-355.06	
<i>For Class 54 Rating, Add</i>	492.33	
<i>For Class 55 Rating, Add</i>	736.11	
<i>For Class 56 Rating, Add</i>	976.66	
40 05 19 00-0106 EA 8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,015.91	452.15
<i>For Class 52 Rating, Deduct</i>	-366.39	
<i>For Class 54 Rating, Add</i>	507.85	
<i>For Class 55 Rating, Add</i>	759.22	
<i>For Class 56 Rating, Add</i>	1,007.26	
40 05 19 00-0107 EA 8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,124.93	456.12
<i>For Class 52 Rating, Deduct</i>	-377.72	
<i>For Class 54 Rating, Add</i>	523.37	
<i>For Class 55 Rating, Add</i>	782.33	
<i>For Class 56 Rating, Add</i>	1,037.86	
40 05 19 00-0108 EA 8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,233.92	460.08
<i>For Class 52 Rating, Deduct</i>	-389.05	
<i>For Class 54 Rating, Add</i>	538.89	
<i>For Class 55 Rating, Add</i>	805.44	
<i>For Class 56 Rating, Add</i>	1,068.46	
40 05 19 00-0109 EA 8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,342.92	464.05
<i>For Class 52 Rating, Deduct</i>	-400.38	
<i>For Class 54 Rating, Add</i>	554.41	
<i>For Class 55 Rating, Add</i>	828.55	
<i>For Class 56 Rating, Add</i>	1,099.06	
40 05 19 00-0110 EA 8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,451.92	468.01
<i>For Class 52 Rating, Deduct</i>	-411.71	
<i>For Class 54 Rating, Add</i>	569.93	
<i>For Class 55 Rating, Add</i>	851.67	
<i>For Class 56 Rating, Add</i>	1,129.66	
40 05 19 00-0111 EA 8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,560.92	471.98
<i>For Class 52 Rating, Deduct</i>	-423.04	
<i>For Class 54 Rating, Add</i>	585.45	
<i>For Class 55 Rating, Add</i>	874.78	
<i>For Class 56 Rating, Add</i>	1,160.26	
40 05 19 00-0112 EA 8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,669.92	475.95
<i>For Class 52 Rating, Deduct</i>	-434.37	
<i>For Class 54 Rating, Add</i>	600.97	
<i>For Class 55 Rating, Add</i>	897.89	
<i>For Class 56 Rating, Add</i>	1,190.85	
40 05 19 00-0113 EA 8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,778.93	479.91
<i>For Class 52 Rating, Deduct</i>	-445.70	
<i>For Class 54 Rating, Add</i>	616.49	
<i>For Class 55 Rating, Add</i>	921.00	
<i>For Class 56 Rating, Add</i>	1,221.46	
40 05 19 00-0114 EA 8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,887.93	483.87
<i>For Class 52 Rating, Deduct</i>	-457.03	
<i>For Class 54 Rating, Add</i>	632.01	
<i>For Class 55 Rating, Add</i>	944.11	
<i>For Class 56 Rating, Add</i>	1,252.05	
40 05 19 00-0115 EA 8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,996.93	487.85
<i>For Class 52 Rating, Deduct</i>	-468.35	
<i>For Class 54 Rating, Add</i>	647.54	
<i>For Class 55 Rating, Add</i>	967.22	
<i>For Class 56 Rating, Add</i>	1,282.65	
40 05 19 00-0116 EA 8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,105.93	491.81
<i>For Class 52 Rating, Deduct</i>	-479.68	
<i>For Class 54 Rating, Add</i>	663.06	
<i>For Class 55 Rating, Add</i>	990.33	
<i>For Class 56 Rating, Add</i>	1,313.25	
40 05 19 00-0117 EA 8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,214.93	495.77
<i>For Class 52 Rating, Deduct</i>	-491.01	
<i>For Class 54 Rating, Add</i>	678.58	
<i>For Class 55 Rating, Add</i>	1,013.44	
<i>For Class 56 Rating, Add</i>	1,343.85	
40 05 19 00-0118 EA 8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,323.92	499.74
<i>For Class 52 Rating, Deduct</i>	-502.34	
<i>For Class 54 Rating, Add</i>	694.10	
<i>For Class 55 Rating, Add</i>	1,036.56	
<i>For Class 56 Rating, Add</i>	1,374.45	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA		8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,432.94	503.71
			<i>For Class 52 Rating, Deduct</i>	-513.67	
			<i>For Class 54 Rating, Add</i>	709.62	
			<i>For Class 55 Rating, Add</i>	1,059.67	
			<i>For Class 56 Rating, Add</i>	1,405.05	
40 05 19 00-0120	EA		8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,541.93	507.68
			<i>For Class 52 Rating, Deduct</i>	-525.00	
			<i>For Class 54 Rating, Add</i>	725.14	
			<i>For Class 55 Rating, Add</i>	1,082.78	
			<i>For Class 56 Rating, Add</i>	1,435.65	
40 05 19 00-0121	EA		8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,650.94	511.64
			<i>For Class 52 Rating, Deduct</i>	-536.33	
			<i>For Class 54 Rating, Add</i>	740.66	
			<i>For Class 55 Rating, Add</i>	1,105.89	
			<i>For Class 56 Rating, Add</i>	1,466.25	
40 05 19 00-0122	EA		8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,759.93	515.60
			<i>For Class 52 Rating, Deduct</i>	-547.66	
			<i>For Class 54 Rating, Add</i>	756.18	
			<i>For Class 55 Rating, Add</i>	1,129.00	
			<i>For Class 56 Rating, Add</i>	1,496.84	
<b>40 05 19 00-0123 10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>					
40 05 19 00-0124	EA		10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,040.03	444.22
			<i>For Class 52 Rating, Deduct</i>	-150.37	
			<i>For Class 54 Rating, Add</i>	213.12	
			<i>For Class 55 Rating, Add</i>	320.99	
			<i>For Class 56 Rating, Add</i>	427.49	
40 05 19 00-0125	EA		10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,181.81	448.18
			<i>For Class 52 Rating, Deduct</i>	-165.30	
			<i>For Class 54 Rating, Add</i>	233.56	
			<i>For Class 55 Rating, Add</i>	351.41	
			<i>For Class 56 Rating, Add</i>	467.75	
40 05 19 00-0126	EA		10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,323.57	452.15
			<i>For Class 52 Rating, Deduct</i>	-180.24	
			<i>For Class 54 Rating, Add</i>	254.00	
			<i>For Class 55 Rating, Add</i>	381.83	
			<i>For Class 56 Rating, Add</i>	508.02	
40 05 19 00-0127	EA		10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,465.36	456.12
			<i>For Class 52 Rating, Deduct</i>	-195.17	
			<i>For Class 54 Rating, Add</i>	274.43	
			<i>For Class 55 Rating, Add</i>	412.25	
			<i>For Class 56 Rating, Add</i>	548.29	
40 05 19 00-0128	EA		10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,607.12	460.08
			<i>For Class 52 Rating, Deduct</i>	-210.10	
			<i>For Class 54 Rating, Add</i>	294.87	
			<i>For Class 55 Rating, Add</i>	442.67	
			<i>For Class 56 Rating, Add</i>	588.55	
40 05 19 00-0129	EA		10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,748.89	464.05
			<i>For Class 52 Rating, Deduct</i>	-225.04	
			<i>For Class 54 Rating, Add</i>	315.31	
			<i>For Class 55 Rating, Add</i>	473.09	
			<i>For Class 56 Rating, Add</i>	628.82	
40 05 19 00-0130	EA		10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,890.66	468.01
			<i>For Class 52 Rating, Deduct</i>	-239.97	
			<i>For Class 54 Rating, Add</i>	335.74	
			<i>For Class 55 Rating, Add</i>	503.50	
			<i>For Class 56 Rating, Add</i>	669.09	
40 05 19 00-0131	EA		10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,032.43	471.98
			<i>For Class 52 Rating, Deduct</i>	-254.90	
			<i>For Class 54 Rating, Add</i>	356.18	
			<i>For Class 55 Rating, Add</i>	533.92	
			<i>For Class 56 Rating, Add</i>	709.35	
40 05 19 00-0132	EA		10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,174.20	475.95
			<i>For Class 52 Rating, Deduct</i>	-269.84	
			<i>For Class 54 Rating, Add</i>	376.61	
			<i>For Class 55 Rating, Add</i>	564.34	
			<i>For Class 56 Rating, Add</i>	749.62	
40 05 19 00-0133	EA		10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,315.98	479.91
			<i>For Class 52 Rating, Deduct</i>	-284.77	
			<i>For Class 54 Rating, Add</i>	397.05	
			<i>For Class 55 Rating, Add</i>	594.76	
			<i>For Class 56 Rating, Add</i>	789.88	
40 05 19 00-0134	EA		10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,457.75	483.87
			<i>For Class 52 Rating, Deduct</i>	-299.71	
			<i>For Class 54 Rating, Add</i>	417.49	
			<i>For Class 55 Rating, Add</i>	625.18	
			<i>For Class 56 Rating, Add</i>	830.15	
40 05 19 00-0135	EA		10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,599.52	487.85
			<i>For Class 52 Rating, Deduct</i>	-314.64	
			<i>For Class 54 Rating, Add</i>	437.92	
			<i>For Class 55 Rating, Add</i>	655.60	
			<i>For Class 56 Rating, Add</i>	870.42	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136 EA 10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,741.29	491.81
<i>For Class 52 Rating, Deduct</i>	-329.57	
<i>For Class 54 Rating, Add</i>	458.36	
<i>For Class 55 Rating, Add</i>	686.02	
<i>For Class 56 Rating, Add</i>	910.68	
40 05 19 00-0137 EA 10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,883.06	495.77
<i>For Class 52 Rating, Deduct</i>	-344.51	
<i>For Class 54 Rating, Add</i>	478.80	
<i>For Class 55 Rating, Add</i>	716.44	
<i>For Class 56 Rating, Add</i>	950.95	
40 05 19 00-0138 EA 10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,024.83	499.74
<i>For Class 52 Rating, Deduct</i>	-359.44	
<i>For Class 54 Rating, Add</i>	499.23	
<i>For Class 55 Rating, Add</i>	746.86	
<i>For Class 56 Rating, Add</i>	991.22	
40 05 19 00-0139 EA 10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,166.61	503.71
<i>For Class 52 Rating, Deduct</i>	-374.38	
<i>For Class 54 Rating, Add</i>	519.67	
<i>For Class 55 Rating, Add</i>	777.28	
<i>For Class 56 Rating, Add</i>	1,031.48	
40 05 19 00-0140 EA 10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,308.37	507.68
<i>For Class 52 Rating, Deduct</i>	-389.31	
<i>For Class 54 Rating, Add</i>	540.11	
<i>For Class 55 Rating, Add</i>	807.70	
<i>For Class 56 Rating, Add</i>	1,071.75	
40 05 19 00-0141 EA 10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,450.15	511.64
<i>For Class 52 Rating, Deduct</i>	-404.24	
<i>For Class 54 Rating, Add</i>	560.54	
<i>For Class 55 Rating, Add</i>	838.11	
<i>For Class 56 Rating, Add</i>	1,112.01	
40 05 19 00-0142 EA 10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,591.91	515.60
<i>For Class 52 Rating, Deduct</i>	-419.18	
<i>For Class 54 Rating, Add</i>	580.98	
<i>For Class 55 Rating, Add</i>	868.53	
<i>For Class 56 Rating, Add</i>	1,152.28	
40 05 19 00-0143 EA 10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,733.69	519.58
<i>For Class 52 Rating, Deduct</i>	-434.11	
<i>For Class 54 Rating, Add</i>	601.41	
<i>For Class 55 Rating, Add</i>	898.95	
<i>For Class 56 Rating, Add</i>	1,192.54	
40 05 19 00-0144 EA 10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,875.46	523.54
<i>For Class 52 Rating, Deduct</i>	-449.04	
<i>For Class 54 Rating, Add</i>	621.85	
<i>For Class 55 Rating, Add</i>	929.37	
<i>For Class 56 Rating, Add</i>	1,232.81	
40 05 19 00-0145 EA 10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,017.24	527.50
<i>For Class 52 Rating, Deduct</i>	-463.98	
<i>For Class 54 Rating, Add</i>	642.29	
<i>For Class 55 Rating, Add</i>	959.79	
<i>For Class 56 Rating, Add</i>	1,273.08	
40 05 19 00-0146 EA 10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,159.00	531.48
<i>For Class 52 Rating, Deduct</i>	-478.91	
<i>For Class 54 Rating, Add</i>	662.72	
<i>For Class 55 Rating, Add</i>	990.21	
<i>For Class 56 Rating, Add</i>	1,313.34	
40 05 19 00-0147 EA 10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,300.78	535.44
<i>For Class 52 Rating, Deduct</i>	-493.85	
<i>For Class 54 Rating, Add</i>	683.16	
<i>For Class 55 Rating, Add</i>	1,020.63	
<i>For Class 56 Rating, Add</i>	1,353.61	
40 05 19 00-0148 EA 10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,442.54	539.40
<i>For Class 52 Rating, Deduct</i>	-508.78	
<i>For Class 54 Rating, Add</i>	703.60	
<i>For Class 55 Rating, Add</i>	1,051.05	
<i>For Class 56 Rating, Add</i>	1,393.87	
40 05 19 00-0149 EA 10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,584.31	543.37
<i>For Class 52 Rating, Deduct</i>	-523.71	
<i>For Class 54 Rating, Add</i>	724.03	
<i>For Class 55 Rating, Add</i>	1,081.47	
<i>For Class 56 Rating, Add</i>	1,434.14	
40 05 19 00-0150 EA 10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,726.09	547.34
<i>For Class 52 Rating, Deduct</i>	-538.65	
<i>For Class 54 Rating, Add</i>	744.47	
<i>For Class 55 Rating, Add</i>	1,111.89	
<i>For Class 56 Rating, Add</i>	1,474.41	
40 05 19 00-0151 EA 10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,867.86	551.30
<i>For Class 52 Rating, Deduct</i>	-553.58	
<i>For Class 54 Rating, Add</i>	764.91	
<i>For Class 55 Rating, Add</i>	1,142.31	
<i>For Class 56 Rating, Add</i>	1,514.67	
40 05 19 00-0152 EA 10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,009.63	555.27
<i>For Class 52 Rating, Deduct</i>	-568.51	
<i>For Class 54 Rating, Add</i>	785.34	
<i>For Class 55 Rating, Add</i>	1,172.72	
<i>For Class 56 Rating, Add</i>	1,554.94	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA		10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,151.39	559.23
			<i>For Class 52 Rating, Deduct</i>	-583.45	
			<i>For Class 54 Rating, Add</i>	805.78	
			<i>For Class 55 Rating, Add</i>	1,203.14	
			<i>For Class 56 Rating, Add</i>	1,595.20	
40 05 19 00-0154	EA		10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,432.17	563.21
			<i>For Class 52 Rating, Deduct</i>	-598.38	
			<i>For Class 54 Rating, Add</i>	826.21	
			<i>For Class 55 Rating, Add</i>	1,233.56	
			<i>For Class 56 Rating, Add</i>	1,635.47	
40 05 19 00-0155	EA		10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,432.59	567.17
			<i>For Class 52 Rating, Deduct</i>	-613.06	
			<i>For Class 54 Rating, Add</i>	846.30	
			<i>For Class 55 Rating, Add</i>	1,263.46	
			<i>For Class 56 Rating, Add</i>	1,675.04	
40 05 19 00-0156	EA		10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,576.72	571.13
			<i>For Class 52 Rating, Deduct</i>	-628.25	
			<i>For Class 54 Rating, Add</i>	867.09	
			<i>For Class 55 Rating, Add</i>	1,294.40	
			<i>For Class 56 Rating, Add</i>	1,716.00	
40 05 19 00-0157	EA		10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,718.48	575.10
			<i>For Class 52 Rating, Deduct</i>	-643.18	
			<i>For Class 54 Rating, Add</i>	887.52	
			<i>For Class 55 Rating, Add</i>	1,324.82	
			<i>For Class 56 Rating, Add</i>	1,756.27	
40 05 19 00-0158	EA		10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,860.25	579.07
			<i>For Class 52 Rating, Deduct</i>	-658.12	
			<i>For Class 54 Rating, Add</i>	907.96	
			<i>For Class 55 Rating, Add</i>	1,355.24	
			<i>For Class 56 Rating, Add</i>	1,796.53	
40 05 19 00-0159	EA		10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,002.02	583.03
			<i>For Class 52 Rating, Deduct</i>	-673.05	
			<i>For Class 54 Rating, Add</i>	928.40	
			<i>For Class 55 Rating, Add</i>	1,385.66	
			<i>For Class 56 Rating, Add</i>	1,836.80	
40 05 19 00-0160	EA		10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,143.79	587.00
			<i>For Class 52 Rating, Deduct</i>	-687.98	
			<i>For Class 54 Rating, Add</i>	948.83	
			<i>For Class 55 Rating, Add</i>	1,416.08	
			<i>For Class 56 Rating, Add</i>	1,877.07	
40 05 19 00-0161	EA		10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,285.57	590.97
			<i>For Class 52 Rating, Deduct</i>	-702.92	
			<i>For Class 54 Rating, Add</i>	969.27	
			<i>For Class 55 Rating, Add</i>	1,446.50	
			<i>For Class 56 Rating, Add</i>	1,917.33	
40 05 19 00-0162	EA		10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,427.34	594.93
			<i>For Class 52 Rating, Deduct</i>	-717.85	
			<i>For Class 54 Rating, Add</i>	989.71	
			<i>For Class 55 Rating, Add</i>	1,476.92	
			<i>For Class 56 Rating, Add</i>	1,957.60	
40 05 19 00-0163			<b>12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small></b>		
40 05 19 00-0164	EA		12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,671.76	555.27
			<i>For Class 52 Rating, Deduct</i>	-201.35	
			<i>For Class 54 Rating, Add</i>	284.66	
			<i>For Class 55 Rating, Add</i>	428.38	
			<i>For Class 56 Rating, Add</i>	570.27	
40 05 19 00-0165	EA		12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,848.64	559.23
			<i>For Class 52 Rating, Deduct</i>	-220.15	
			<i>For Class 54 Rating, Add</i>	310.37	
			<i>For Class 55 Rating, Add</i>	466.63	
			<i>For Class 56 Rating, Add</i>	620.89	
40 05 19 00-0166	EA		12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,025.53	563.21
			<i>For Class 52 Rating, Deduct</i>	-238.94	
			<i>For Class 54 Rating, Add</i>	336.07	
			<i>For Class 55 Rating, Add</i>	504.88	
			<i>For Class 56 Rating, Add</i>	671.52	
40 05 19 00-0167	EA		12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,202.40	567.17
			<i>For Class 52 Rating, Deduct</i>	-257.74	
			<i>For Class 54 Rating, Add</i>	361.77	
			<i>For Class 55 Rating, Add</i>	543.13	
			<i>For Class 56 Rating, Add</i>	722.14	
40 05 19 00-0168	EA		12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,379.29	571.13
			<i>For Class 52 Rating, Deduct</i>	-276.53	
			<i>For Class 54 Rating, Add</i>	387.47	
			<i>For Class 55 Rating, Add</i>	581.38	
			<i>For Class 56 Rating, Add</i>	772.76	
40 05 19 00-0169	EA		12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,556.17	575.10
			<i>For Class 52 Rating, Deduct</i>	-295.33	
			<i>For Class 54 Rating, Add</i>	413.18	
			<i>For Class 55 Rating, Add</i>	619.63	
			<i>For Class 56 Rating, Add</i>	823.39	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170 EA 12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,733.05	579.07
<i>For Class 52 Rating, Deduct</i>	-314.12	
<i>For Class 54 Rating, Add</i>	438.88	
<i>For Class 55 Rating, Add</i>	657.87	
<i>For Class 56 Rating, Add</i>	874.01	
40 05 19 00-0171 EA 12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,909.93	583.03
<i>For Class 52 Rating, Deduct</i>	-332.92	
<i>For Class 54 Rating, Add</i>	464.58	
<i>For Class 55 Rating, Add</i>	696.12	
<i>For Class 56 Rating, Add</i>	924.63	
40 05 19 00-0172 EA 12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,086.81	587.00
<i>For Class 52 Rating, Deduct</i>	-351.72	
<i>For Class 54 Rating, Add</i>	490.29	
<i>For Class 55 Rating, Add</i>	734.37	
<i>For Class 56 Rating, Add</i>	975.26	
40 05 19 00-0173 EA 12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,263.70	590.97
<i>For Class 52 Rating, Deduct</i>	-370.51	
<i>For Class 54 Rating, Add</i>	515.99	
<i>For Class 55 Rating, Add</i>	772.62	
<i>For Class 56 Rating, Add</i>	1,025.88	
40 05 19 00-0174 EA 12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,440.58	594.93
<i>For Class 52 Rating, Deduct</i>	-389.31	
<i>For Class 54 Rating, Add</i>	541.69	
<i>For Class 55 Rating, Add</i>	810.87	
<i>For Class 56 Rating, Add</i>	1,076.51	
40 05 19 00-0175 EA 12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,617.46	598.90
<i>For Class 52 Rating, Deduct</i>	-408.10	
<i>For Class 54 Rating, Add</i>	567.40	
<i>For Class 55 Rating, Add</i>	849.12	
<i>For Class 56 Rating, Add</i>	1,127.13	
40 05 19 00-0176 EA 12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,794.34	602.86
<i>For Class 52 Rating, Deduct</i>	-426.90	
<i>For Class 54 Rating, Add</i>	593.10	
<i>For Class 55 Rating, Add</i>	887.37	
<i>For Class 56 Rating, Add</i>	1,177.75	
40 05 19 00-0177 EA 12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,971.23	606.83
<i>For Class 52 Rating, Deduct</i>	-445.70	
<i>For Class 54 Rating, Add</i>	618.80	
<i>For Class 55 Rating, Add</i>	925.62	
<i>For Class 56 Rating, Add</i>	1,228.38	
40 05 19 00-0178 EA 12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,148.11	610.80
<i>For Class 52 Rating, Deduct</i>	-464.49	
<i>For Class 54 Rating, Add</i>	644.50	
<i>For Class 55 Rating, Add</i>	963.86	
<i>For Class 56 Rating, Add</i>	1,279.00	
40 05 19 00-0179 EA 12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,324.98	614.76
<i>For Class 52 Rating, Deduct</i>	-483.29	
<i>For Class 54 Rating, Add</i>	670.21	
<i>For Class 55 Rating, Add</i>	1,002.11	
<i>For Class 56 Rating, Add</i>	1,329.62	
40 05 19 00-0180 EA 12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,501.87	618.73
<i>For Class 52 Rating, Deduct</i>	-502.08	
<i>For Class 54 Rating, Add</i>	695.91	
<i>For Class 55 Rating, Add</i>	1,040.36	
<i>For Class 56 Rating, Add</i>	1,380.25	
40 05 19 00-0181 EA 12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,678.75	622.70
<i>For Class 52 Rating, Deduct</i>	-520.88	
<i>For Class 54 Rating, Add</i>	721.61	
<i>For Class 55 Rating, Add</i>	1,078.61	
<i>For Class 56 Rating, Add</i>	1,430.87	
40 05 19 00-0182 EA 12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,855.64	626.66
<i>For Class 52 Rating, Deduct</i>	-539.68	
<i>For Class 54 Rating, Add</i>	747.32	
<i>For Class 55 Rating, Add</i>	1,116.86	
<i>For Class 56 Rating, Add</i>	1,481.50	
40 05 19 00-0183 EA 12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,032.51	630.63
<i>For Class 52 Rating, Deduct</i>	-558.47	
<i>For Class 54 Rating, Add</i>	773.02	
<i>For Class 55 Rating, Add</i>	1,155.11	
<i>For Class 56 Rating, Add</i>	1,532.12	
40 05 19 00-0184 EA 12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,209.40	634.59
<i>For Class 52 Rating, Deduct</i>	-577.27	
<i>For Class 54 Rating, Add</i>	798.72	
<i>For Class 55 Rating, Add</i>	1,193.36	
<i>For Class 56 Rating, Add</i>	1,582.74	
40 05 19 00-0185 EA 12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,386.28	638.56
<i>For Class 52 Rating, Deduct</i>	-596.06	
<i>For Class 54 Rating, Add</i>	824.43	
<i>For Class 55 Rating, Add</i>	1,231.61	
<i>For Class 56 Rating, Add</i>	1,633.37	
40 05 19 00-0186 EA 12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,563.17	642.53
<i>For Class 52 Rating, Deduct</i>	-614.86	
<i>For Class 54 Rating, Add</i>	850.13	
<i>For Class 55 Rating, Add</i>	1,269.85	
<i>For Class 56 Rating, Add</i>	1,683.99	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12"	Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,740.04	646.49
			<i>For Class 52 Rating, Deduct</i>	-633.66	
			<i>For Class 54 Rating, Add</i>	875.83	
			<i>For Class 55 Rating, Add</i>	1,308.10	
			<i>For Class 56 Rating, Add</i>	1,734.61	
40 05 19 00-0188	EA	12"	Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,916.93	650.46
			<i>For Class 52 Rating, Deduct</i>	-652.45	
			<i>For Class 54 Rating, Add</i>	901.53	
			<i>For Class 55 Rating, Add</i>	1,346.35	
			<i>For Class 56 Rating, Add</i>	1,785.24	
40 05 19 00-0189	EA	12"	Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,093.81	654.43
			<i>For Class 52 Rating, Deduct</i>	-671.25	
			<i>For Class 54 Rating, Add</i>	927.24	
			<i>For Class 55 Rating, Add</i>	1,384.60	
			<i>For Class 56 Rating, Add</i>	1,835.86	
40 05 19 00-0190	EA	12"	Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,270.69	658.39
			<i>For Class 52 Rating, Deduct</i>	-690.04	
			<i>For Class 54 Rating, Add</i>	952.94	
			<i>For Class 55 Rating, Add</i>	1,422.85	
			<i>For Class 56 Rating, Add</i>	1,886.49	
40 05 19 00-0191	EA	12"	Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,447.57	662.35
			<i>For Class 52 Rating, Deduct</i>	-708.84	
			<i>For Class 54 Rating, Add</i>	978.64	
			<i>For Class 55 Rating, Add</i>	1,461.10	
			<i>For Class 56 Rating, Add</i>	1,937.11	
40 05 19 00-0192	EA	12"	Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,624.45	666.33
			<i>For Class 52 Rating, Deduct</i>	-727.64	
			<i>For Class 54 Rating, Add</i>	1,004.35	
			<i>For Class 55 Rating, Add</i>	1,499.35	
			<i>For Class 56 Rating, Add</i>	1,987.73	
40 05 19 00-0193	EA	12"	Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,801.34	670.29
			<i>For Class 52 Rating, Deduct</i>	-746.43	
			<i>For Class 54 Rating, Add</i>	1,030.05	
			<i>For Class 55 Rating, Add</i>	1,537.60	
			<i>For Class 56 Rating, Add</i>	2,038.36	
40 05 19 00-0194	EA	12"	Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,978.22	674.26
			<i>For Class 52 Rating, Deduct</i>	-765.23	
			<i>For Class 54 Rating, Add</i>	1,055.75	
			<i>For Class 55 Rating, Add</i>	1,575.84	
			<i>For Class 56 Rating, Add</i>	2,088.98	
40 05 19 00-0195	EA	12"	Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,155.10	678.22
			<i>For Class 52 Rating, Deduct</i>	-784.02	
			<i>For Class 54 Rating, Add</i>	1,081.45	
			<i>For Class 55 Rating, Add</i>	1,614.09	
			<i>For Class 56 Rating, Add</i>	2,139.60	
40 05 19 00-0196	EA	12"	Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,331.98	682.19
			<i>For Class 52 Rating, Deduct</i>	-802.82	
			<i>For Class 54 Rating, Add</i>	1,107.16	
			<i>For Class 55 Rating, Add</i>	1,652.34	
			<i>For Class 56 Rating, Add</i>	2,190.23	
40 05 19 00-0197	EA	12"	Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,508.87	686.16
			<i>For Class 52 Rating, Deduct</i>	-821.62	
			<i>For Class 54 Rating, Add</i>	1,132.86	
			<i>For Class 55 Rating, Add</i>	1,690.59	
			<i>For Class 56 Rating, Add</i>	2,240.85	
40 05 19 00-0198	EA	12"	Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,685.75	690.12
			<i>For Class 52 Rating, Deduct</i>	-840.41	
			<i>For Class 54 Rating, Add</i>	1,158.56	
			<i>For Class 55 Rating, Add</i>	1,728.84	
			<i>For Class 56 Rating, Add</i>	2,291.48	
40 05 19 00-0199	EA	12"	Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,862.62	694.08
			<i>For Class 52 Rating, Deduct</i>	-859.21	
			<i>For Class 54 Rating, Add</i>	1,184.27	
			<i>For Class 55 Rating, Add</i>	1,767.09	
			<i>For Class 56 Rating, Add</i>	2,342.10	
40 05 19 00-0200	EA	12"	Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,039.52	698.06
			<i>For Class 52 Rating, Deduct</i>	-878.00	
			<i>For Class 54 Rating, Add</i>	1,209.97	
			<i>For Class 55 Rating, Add</i>	1,805.34	
			<i>For Class 56 Rating, Add</i>	2,392.72	
40 05 19 00-0201	EA	12"	Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,216.39	702.02
			<i>For Class 52 Rating, Deduct</i>	-896.80	
			<i>For Class 54 Rating, Add</i>	1,235.67	
			<i>For Class 55 Rating, Add</i>	1,843.59	
			<i>For Class 56 Rating, Add</i>	2,443.35	
40 05 19 00-0202	EA	12"	Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,393.28	705.98
			<i>For Class 52 Rating, Deduct</i>	-915.60	
			<i>For Class 54 Rating, Add</i>	1,261.38	
			<i>For Class 55 Rating, Add</i>	1,881.84	
			<i>For Class 56 Rating, Add</i>	2,493.97	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat,  
Ductile Iron Pipe (40 05 19 00-0002)



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204 EA 14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,572.67	666.33
<i>For Class 52 Rating, Deduct</i>	-281.94	
<i>For Class 54 Rating, Add</i>	396.58	
<i>For Class 55 Rating, Add</i>	595.80	
<i>For Class 56 Rating, Add</i>	792.46	
40 05 19 00-0205 EA 14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,787.00	670.29
<i>For Class 52 Rating, Deduct</i>	-304.86	
<i>For Class 54 Rating, Add</i>	427.90	
<i>For Class 55 Rating, Add</i>	642.40	
<i>For Class 56 Rating, Add</i>	854.13	
40 05 19 00-0206 EA 14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,001.34	674.26
<i>For Class 52 Rating, Deduct</i>	-327.77	
<i>For Class 54 Rating, Add</i>	459.22	
<i>For Class 55 Rating, Add</i>	689.00	
<i>For Class 56 Rating, Add</i>	915.80	
40 05 19 00-0207 EA 14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,215.67	678.22
<i>For Class 52 Rating, Deduct</i>	-350.69	
<i>For Class 54 Rating, Add</i>	490.54	
<i>For Class 55 Rating, Add</i>	735.60	
<i>For Class 56 Rating, Add</i>	977.47	
40 05 19 00-0208 EA 14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,430.00	682.19
<i>For Class 52 Rating, Deduct</i>	-373.60	
<i>For Class 54 Rating, Add</i>	521.86	
<i>For Class 55 Rating, Add</i>	782.20	
<i>For Class 56 Rating, Add</i>	1,039.14	
40 05 19 00-0209 EA 14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,644.34	686.16
<i>For Class 52 Rating, Deduct</i>	-396.52	
<i>For Class 54 Rating, Add</i>	553.18	
<i>For Class 55 Rating, Add</i>	828.80	
<i>For Class 56 Rating, Add</i>	1,100.82	
40 05 19 00-0210 EA 14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,858.67	690.12
<i>For Class 52 Rating, Deduct</i>	-419.43	
<i>For Class 54 Rating, Add</i>	584.50	
<i>For Class 55 Rating, Add</i>	875.40	
<i>For Class 56 Rating, Add</i>	1,162.49	
40 05 19 00-0211 EA 14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,073.00	694.08
<i>For Class 52 Rating, Deduct</i>	-442.35	
<i>For Class 54 Rating, Add</i>	615.82	
<i>For Class 55 Rating, Add</i>	922.00	
<i>For Class 56 Rating, Add</i>	1,224.16	
40 05 19 00-0212 EA 14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,287.34	698.06
<i>For Class 52 Rating, Deduct</i>	-465.26	
<i>For Class 54 Rating, Add</i>	647.14	
<i>For Class 55 Rating, Add</i>	968.60	
<i>For Class 56 Rating, Add</i>	1,285.83	
40 05 19 00-0213 EA 14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,501.67	702.02
<i>For Class 52 Rating, Deduct</i>	-488.18	
<i>For Class 54 Rating, Add</i>	678.47	
<i>For Class 55 Rating, Add</i>	1,015.20	
<i>For Class 56 Rating, Add</i>	1,347.50	
40 05 19 00-0214 EA 14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,716.01	705.98
<i>For Class 52 Rating, Deduct</i>	-511.10	
<i>For Class 54 Rating, Add</i>	709.79	
<i>For Class 55 Rating, Add</i>	1,061.80	
<i>For Class 56 Rating, Add</i>	1,409.18	
40 05 19 00-0215 EA 14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,930.33	709.95
<i>For Class 52 Rating, Deduct</i>	-534.01	
<i>For Class 54 Rating, Add</i>	741.11	
<i>For Class 55 Rating, Add</i>	1,108.40	
<i>For Class 56 Rating, Add</i>	1,470.85	
40 05 19 00-0216 EA 14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,144.68	713.92
<i>For Class 52 Rating, Deduct</i>	-556.93	
<i>For Class 54 Rating, Add</i>	772.43	
<i>For Class 55 Rating, Add</i>	1,155.01	
<i>For Class 56 Rating, Add</i>	1,532.52	
40 05 19 00-0217 EA 14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,359.00	717.88
<i>For Class 52 Rating, Deduct</i>	-579.84	
<i>For Class 54 Rating, Add</i>	803.75	
<i>For Class 55 Rating, Add</i>	1,201.60	
<i>For Class 56 Rating, Add</i>	1,594.19	
40 05 19 00-0218 EA 14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,573.35	721.85
<i>For Class 52 Rating, Deduct</i>	-602.76	
<i>For Class 54 Rating, Add</i>	835.07	
<i>For Class 55 Rating, Add</i>	1,248.21	
<i>For Class 56 Rating, Add</i>	1,655.86	
40 05 19 00-0219 EA 14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,787.67	725.82
<i>For Class 52 Rating, Deduct</i>	-625.67	
<i>For Class 54 Rating, Add</i>	866.39	
<i>For Class 55 Rating, Add</i>	1,294.81	
<i>For Class 56 Rating, Add</i>	1,717.54	
40 05 19 00-0220 EA 14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,002.00	729.78
<i>For Class 52 Rating, Deduct</i>	-648.59	
<i>For Class 54 Rating, Add</i>	897.71	
<i>For Class 55 Rating, Add</i>	1,341.41	
<i>For Class 56 Rating, Add</i>	1,779.21	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA	14"	Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,216.34	733.75
			<i>For Class 52 Rating, Deduct</i>	-671.51	
			<i>For Class 54 Rating, Add</i>	929.03	
			<i>For Class 55 Rating, Add</i>	1,388.01	
			<i>For Class 56 Rating, Add</i>	1,840.88	
40 05 19 00-0222	EA	14"	Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,430.67	737.71
			<i>For Class 52 Rating, Deduct</i>	-694.42	
			<i>For Class 54 Rating, Add</i>	960.35	
			<i>For Class 55 Rating, Add</i>	1,434.61	
			<i>For Class 56 Rating, Add</i>	1,902.55	
40 05 19 00-0223	EA	14"	Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,645.01	741.69
			<i>For Class 52 Rating, Deduct</i>	-717.34	
			<i>For Class 54 Rating, Add</i>	991.67	
			<i>For Class 55 Rating, Add</i>	1,481.21	
			<i>For Class 56 Rating, Add</i>	1,964.22	
40 05 19 00-0224	EA	14"	Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,859.34	745.65
			<i>For Class 52 Rating, Deduct</i>	-740.25	
			<i>For Class 54 Rating, Add</i>	1,022.99	
			<i>For Class 55 Rating, Add</i>	1,527.81	
			<i>For Class 56 Rating, Add</i>	2,025.89	
40 05 19 00-0225	EA	14"	Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,073.67	749.61
			<i>For Class 52 Rating, Deduct</i>	-763.17	
			<i>For Class 54 Rating, Add</i>	1,054.31	
			<i>For Class 55 Rating, Add</i>	1,574.41	
			<i>For Class 56 Rating, Add</i>	2,087.57	
40 05 19 00-0226	EA	14"	Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,288.01	753.58
			<i>For Class 52 Rating, Deduct</i>	-786.08	
			<i>For Class 54 Rating, Add</i>	1,085.63	
			<i>For Class 55 Rating, Add</i>	1,621.01	
			<i>For Class 56 Rating, Add</i>	2,149.24	
40 05 19 00-0227	EA	14"	Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,502.34	757.55
			<i>For Class 52 Rating, Deduct</i>	-809.00	
			<i>For Class 54 Rating, Add</i>	1,116.95	
			<i>For Class 55 Rating, Add</i>	1,667.61	
			<i>For Class 56 Rating, Add</i>	2,210.91	
40 05 19 00-0228	EA	14"	Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,716.68	761.51
			<i>For Class 52 Rating, Deduct</i>	-831.92	
			<i>For Class 54 Rating, Add</i>	1,148.28	
			<i>For Class 55 Rating, Add</i>	1,714.21	
			<i>For Class 56 Rating, Add</i>	2,272.58	
40 05 19 00-0229	EA	14"	Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,931.01	765.48
			<i>For Class 52 Rating, Deduct</i>	-854.83	
			<i>For Class 54 Rating, Add</i>	1,179.60	
			<i>For Class 55 Rating, Add</i>	1,760.81	
			<i>For Class 56 Rating, Add</i>	2,334.25	
40 05 19 00-0230	EA	14"	Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,145.34	769.44
			<i>For Class 52 Rating, Deduct</i>	-877.75	
			<i>For Class 54 Rating, Add</i>	1,210.92	
			<i>For Class 55 Rating, Add</i>	1,807.41	
			<i>For Class 56 Rating, Add</i>	2,395.93	
40 05 19 00-0231	EA	14"	Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,359.67	773.41
			<i>For Class 52 Rating, Deduct</i>	-900.66	
			<i>For Class 54 Rating, Add</i>	1,242.24	
			<i>For Class 55 Rating, Add</i>	1,854.01	
			<i>For Class 56 Rating, Add</i>	2,457.60	
40 05 19 00-0232	EA	14"	Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,574.01	777.38
			<i>For Class 52 Rating, Deduct</i>	-923.58	
			<i>For Class 54 Rating, Add</i>	1,273.56	
			<i>For Class 55 Rating, Add</i>	1,900.61	
			<i>For Class 56 Rating, Add</i>	2,519.27	
40 05 19 00-0233	EA	14"	Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,788.34	781.34
			<i>For Class 52 Rating, Deduct</i>	-946.49	
			<i>For Class 54 Rating, Add</i>	1,304.88	
			<i>For Class 55 Rating, Add</i>	1,947.21	
			<i>For Class 56 Rating, Add</i>	2,580.94	
40 05 19 00-0234	EA	14"	Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,002.68	785.31
			<i>For Class 52 Rating, Deduct</i>	-969.41	
			<i>For Class 54 Rating, Add</i>	1,336.20	
			<i>For Class 55 Rating, Add</i>	1,993.81	
			<i>For Class 56 Rating, Add</i>	2,642.61	
40 05 19 00-0235	EA	14"	Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,217.00	789.28
			<i>For Class 52 Rating, Deduct</i>	-992.32	
			<i>For Class 54 Rating, Add</i>	1,367.52	
			<i>For Class 55 Rating, Add</i>	2,040.41	
			<i>For Class 56 Rating, Add</i>	2,704.28	
40 05 19 00-0236	EA	14"	Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,431.35	793.24
			<i>For Class 52 Rating, Deduct</i>	-1,015.24	
			<i>For Class 54 Rating, Add</i>	1,398.84	
			<i>For Class 55 Rating, Add</i>	2,087.01	
			<i>For Class 56 Rating, Add</i>	2,765.96	
40 05 19 00-0237	EA	14"	Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,645.67	797.21
			<i>For Class 52 Rating, Deduct</i>	-1,038.16	
			<i>For Class 54 Rating, Add</i>	1,430.16	
			<i>For Class 55 Rating, Add</i>	2,133.61	
			<i>For Class 56 Rating, Add</i>	2,827.63	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238 EA 14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,860.02	801.18
<i>For Class 52 Rating, Deduct</i>	-1,061.07	
<i>For Class 54 Rating, Add</i>	1,461.48	
<i>For Class 55 Rating, Add</i>	2,180.22	
<i>For Class 56 Rating, Add</i>	2,889.30	
40 05 19 00-0239 EA 14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,074.34	805.14
<i>For Class 52 Rating, Deduct</i>	-1,083.99	
<i>For Class 54 Rating, Add</i>	1,492.80	
<i>For Class 55 Rating, Add</i>	2,226.82	
<i>For Class 56 Rating, Add</i>	2,950.97	
40 05 19 00-0240 EA 14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,288.68	809.11
<i>For Class 52 Rating, Deduct</i>	-1,106.90	
<i>For Class 54 Rating, Add</i>	1,524.13	
<i>For Class 55 Rating, Add</i>	2,273.42	
<i>For Class 56 Rating, Add</i>	3,012.65	
40 05 19 00-0241 EA 14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,503.01	813.07
<i>For Class 52 Rating, Deduct</i>	-1,129.82	
<i>For Class 54 Rating, Add</i>	1,555.45	
<i>For Class 55 Rating, Add</i>	2,320.02	
<i>For Class 56 Rating, Add</i>	3,074.32	
<b>40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0243 EA 16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,192.06	761.51
<i>For Class 52 Rating, Deduct</i>	-334.21	
<i>For Class 54 Rating, Add</i>	469.58	
<i>For Class 55 Rating, Add</i>	705.22	
<i>For Class 56 Rating, Add</i>	937.82	
40 05 19 00-0244 EA 16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,441.51	765.48
<i>For Class 52 Rating, Deduct</i>	-360.99	
<i>For Class 54 Rating, Add</i>	506.17	
<i>For Class 55 Rating, Add</i>	759.65	
<i>For Class 56 Rating, Add</i>	1,009.85	
40 05 19 00-0245 EA 16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,690.95	769.44
<i>For Class 52 Rating, Deduct</i>	-387.76	
<i>For Class 54 Rating, Add</i>	542.76	
<i>For Class 55 Rating, Add</i>	814.08	
<i>For Class 56 Rating, Add</i>	1,081.88	
40 05 19 00-0246 EA 16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,940.39	773.41
<i>For Class 52 Rating, Deduct</i>	-414.54	
<i>For Class 54 Rating, Add</i>	579.35	
<i>For Class 55 Rating, Add</i>	868.51	
<i>For Class 56 Rating, Add</i>	1,153.91	
40 05 19 00-0247 EA 16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,189.84	777.38
<i>For Class 52 Rating, Deduct</i>	-441.32	
<i>For Class 54 Rating, Add</i>	615.93	
<i>For Class 55 Rating, Add</i>	922.94	
<i>For Class 56 Rating, Add</i>	1,225.94	
40 05 19 00-0248 EA 16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,439.28	781.34
<i>For Class 52 Rating, Deduct</i>	-468.10	
<i>For Class 54 Rating, Add</i>	652.52	
<i>For Class 55 Rating, Add</i>	977.37	
<i>For Class 56 Rating, Add</i>	1,297.97	
40 05 19 00-0249 EA 16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,688.73	785.31
<i>For Class 52 Rating, Deduct</i>	-494.87	
<i>For Class 54 Rating, Add</i>	689.11	
<i>For Class 55 Rating, Add</i>	1,031.80	
<i>For Class 56 Rating, Add</i>	1,370.00	
40 05 19 00-0250 EA 16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,938.17	789.28
<i>For Class 52 Rating, Deduct</i>	-521.65	
<i>For Class 54 Rating, Add</i>	725.70	
<i>For Class 55 Rating, Add</i>	1,086.23	
<i>For Class 56 Rating, Add</i>	1,442.03	
40 05 19 00-0251 EA 16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,187.62	793.24
<i>For Class 52 Rating, Deduct</i>	-548.43	
<i>For Class 54 Rating, Add</i>	762.28	
<i>For Class 55 Rating, Add</i>	1,140.66	
<i>For Class 56 Rating, Add</i>	1,514.06	
40 05 19 00-0252 EA 16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,437.06	797.21
<i>For Class 52 Rating, Deduct</i>	-575.21	
<i>For Class 54 Rating, Add</i>	798.87	
<i>For Class 55 Rating, Add</i>	1,195.09	
<i>For Class 56 Rating, Add</i>	1,586.09	
40 05 19 00-0253 EA 16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,686.51	801.18
<i>For Class 52 Rating, Deduct</i>	-601.99	
<i>For Class 54 Rating, Add</i>	835.46	
<i>For Class 55 Rating, Add</i>	1,249.52	
<i>For Class 56 Rating, Add</i>	1,658.12	
40 05 19 00-0254 EA 16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,935.95	805.14
<i>For Class 52 Rating, Deduct</i>	-628.76	
<i>For Class 54 Rating, Add</i>	872.04	
<i>For Class 55 Rating, Add</i>	1,303.95	
<i>For Class 56 Rating, Add</i>	1,730.15	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA		16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,185.39	809.11
			<i>For Class 52 Rating, Deduct</i>	-655.54	
			<i>For Class 54 Rating, Add</i>	908.63	
			<i>For Class 55 Rating, Add</i>	1,358.38	
			<i>For Class 56 Rating, Add</i>	1,802.18	
40 05 19 00-0256	EA		16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,434.84	813.07
			<i>For Class 52 Rating, Deduct</i>	-682.32	
			<i>For Class 54 Rating, Add</i>	945.22	
			<i>For Class 55 Rating, Add</i>	1,412.82	
			<i>For Class 56 Rating, Add</i>	1,874.21	
40 05 19 00-0257	EA		16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,684.28	817.04
			<i>For Class 52 Rating, Deduct</i>	-709.10	
			<i>For Class 54 Rating, Add</i>	981.81	
			<i>For Class 55 Rating, Add</i>	1,467.24	
			<i>For Class 56 Rating, Add</i>	1,946.24	
40 05 19 00-0258	EA		16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,933.73	821.01
			<i>For Class 52 Rating, Deduct</i>	-735.88	
			<i>For Class 54 Rating, Add</i>	1,018.39	
			<i>For Class 55 Rating, Add</i>	1,521.68	
			<i>For Class 56 Rating, Add</i>	2,018.27	
40 05 19 00-0259	EA		16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,183.17	824.97
			<i>For Class 52 Rating, Deduct</i>	-762.65	
			<i>For Class 54 Rating, Add</i>	1,054.98	
			<i>For Class 55 Rating, Add</i>	1,576.10	
			<i>For Class 56 Rating, Add</i>	2,090.30	
40 05 19 00-0260	EA		16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,432.62	828.93
			<i>For Class 52 Rating, Deduct</i>	-789.43	
			<i>For Class 54 Rating, Add</i>	1,091.57	
			<i>For Class 55 Rating, Add</i>	1,630.54	
			<i>For Class 56 Rating, Add</i>	2,162.33	
40 05 19 00-0261	EA		16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,682.06	832.91
			<i>For Class 52 Rating, Deduct</i>	-816.21	
			<i>For Class 54 Rating, Add</i>	1,128.16	
			<i>For Class 55 Rating, Add</i>	1,684.97	
			<i>For Class 56 Rating, Add</i>	2,234.35	
40 05 19 00-0262	EA		16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,931.51	836.87
			<i>For Class 52 Rating, Deduct</i>	-842.99	
			<i>For Class 54 Rating, Add</i>	1,164.74	
			<i>For Class 55 Rating, Add</i>	1,739.40	
			<i>For Class 56 Rating, Add</i>	2,306.39	
40 05 19 00-0263	EA		16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,180.94	840.83
			<i>For Class 52 Rating, Deduct</i>	-869.76	
			<i>For Class 54 Rating, Add</i>	1,201.33	
			<i>For Class 55 Rating, Add</i>	1,793.83	
			<i>For Class 56 Rating, Add</i>	2,378.41	
40 05 19 00-0264	EA		16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,430.39	844.81
			<i>For Class 52 Rating, Deduct</i>	-896.54	
			<i>For Class 54 Rating, Add</i>	1,237.92	
			<i>For Class 55 Rating, Add</i>	1,848.26	
			<i>For Class 56 Rating, Add</i>	2,450.45	
40 05 19 00-0265	EA		16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,679.83	848.77
			<i>For Class 52 Rating, Deduct</i>	-923.32	
			<i>For Class 54 Rating, Add</i>	1,274.51	
			<i>For Class 55 Rating, Add</i>	1,902.69	
			<i>For Class 56 Rating, Add</i>	2,522.47	
40 05 19 00-0266	EA		16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,929.28	852.74
			<i>For Class 52 Rating, Deduct</i>	-950.10	
			<i>For Class 54 Rating, Add</i>	1,311.09	
			<i>For Class 55 Rating, Add</i>	1,957.12	
			<i>For Class 56 Rating, Add</i>	2,594.50	
40 05 19 00-0267	EA		16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,178.72	856.70
			<i>For Class 52 Rating, Deduct</i>	-976.88	
			<i>For Class 54 Rating, Add</i>	1,347.68	
			<i>For Class 55 Rating, Add</i>	2,011.55	
			<i>For Class 56 Rating, Add</i>	2,666.53	
40 05 19 00-0268	EA		16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,428.17	860.67
			<i>For Class 52 Rating, Deduct</i>	-1,003.65	
			<i>For Class 54 Rating, Add</i>	1,384.27	
			<i>For Class 55 Rating, Add</i>	2,065.98	
			<i>For Class 56 Rating, Add</i>	2,738.56	
40 05 19 00-0269	EA		16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,677.61	864.64
			<i>For Class 52 Rating, Deduct</i>	-1,030.43	
			<i>For Class 54 Rating, Add</i>	1,420.85	
			<i>For Class 55 Rating, Add</i>	2,120.41	
			<i>For Class 56 Rating, Add</i>	2,810.59	
40 05 19 00-0270	EA		16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,927.06	868.60
			<i>For Class 52 Rating, Deduct</i>	-1,057.21	
			<i>For Class 54 Rating, Add</i>	1,457.44	
			<i>For Class 55 Rating, Add</i>	2,174.84	
			<i>For Class 56 Rating, Add</i>	2,882.62	
40 05 19 00-0271	EA		16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,176.50	872.56
			<i>For Class 52 Rating, Deduct</i>	-1,083.99	
			<i>For Class 54 Rating, Add</i>	1,494.03	
			<i>For Class 55 Rating, Add</i>	2,229.27	
			<i>For Class 56 Rating, Add</i>	2,954.65	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272 EA 16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,425.95	876.54
<i>For Class 52 Rating, Deduct</i>	-1,110.77	
<i>For Class 54 Rating, Add</i>	1,530.62	
<i>For Class 55 Rating, Add</i>	2,283.70	
<i>For Class 56 Rating, Add</i>	3,026.68	
40 05 19 00-0273 EA 16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,675.39	880.50
<i>For Class 52 Rating, Deduct</i>	-1,137.54	
<i>For Class 54 Rating, Add</i>	1,567.20	
<i>For Class 55 Rating, Add</i>	2,338.13	
<i>For Class 56 Rating, Add</i>	3,098.71	
40 05 19 00-0274 EA 16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,924.84	884.46
<i>For Class 52 Rating, Deduct</i>	-1,164.32	
<i>For Class 54 Rating, Add</i>	1,603.79	
<i>For Class 55 Rating, Add</i>	2,392.56	
<i>For Class 56 Rating, Add</i>	3,170.74	
40 05 19 00-0275 EA 16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,174.27	888.43
<i>For Class 52 Rating, Deduct</i>	-1,191.10	
<i>For Class 54 Rating, Add</i>	1,640.38	
<i>For Class 55 Rating, Add</i>	2,446.99	
<i>For Class 56 Rating, Add</i>	3,242.77	
40 05 19 00-0276 EA 16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,423.73	892.40
<i>For Class 52 Rating, Deduct</i>	-1,217.88	
<i>For Class 54 Rating, Add</i>	1,676.97	
<i>For Class 55 Rating, Add</i>	2,501.42	
<i>For Class 56 Rating, Add</i>	3,314.80	
40 05 19 00-0277 EA 16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,673.16	896.36
<i>For Class 52 Rating, Deduct</i>	-1,244.65	
<i>For Class 54 Rating, Add</i>	1,713.55	
<i>For Class 55 Rating, Add</i>	2,555.85	
<i>For Class 56 Rating, Add</i>	3,386.83	
40 05 19 00-0278 EA 16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,922.62	900.33
<i>For Class 52 Rating, Deduct</i>	-1,271.43	
<i>For Class 54 Rating, Add</i>	1,750.14	
<i>For Class 55 Rating, Add</i>	2,610.28	
<i>For Class 56 Rating, Add</i>	3,458.86	
40 05 19 00-0279 EA 16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,172.05	904.29
<i>For Class 52 Rating, Deduct</i>	-1,298.21	
<i>For Class 54 Rating, Add</i>	1,786.73	
<i>For Class 55 Rating, Add</i>	2,664.71	
<i>For Class 56 Rating, Add</i>	3,530.89	
40 05 19 00-0280 EA 16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,421.51	908.27
<i>For Class 52 Rating, Deduct</i>	-1,324.99	
<i>For Class 54 Rating, Add</i>	1,823.32	
<i>For Class 55 Rating, Add</i>	2,719.14	
<i>For Class 56 Rating, Add</i>	3,602.92	
<b>40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0282 EA 18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,881.73	858.29
<i>For Class 52 Rating, Deduct</i>	-393.94	
<i>For Class 54 Rating, Add</i>	552.80	
<i>For Class 55 Rating, Add</i>	829.84	
<i>For Class 56 Rating, Add</i>	1,103.30	
40 05 19 00-0283 EA 18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,168.64	862.25
<i>For Class 52 Rating, Deduct</i>	-424.84	
<i>For Class 54 Rating, Add</i>	595.01	
<i>For Class 55 Rating, Add</i>	892.62	
<i>For Class 56 Rating, Add</i>	1,186.38	
40 05 19 00-0284 EA 18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,455.52	866.23
<i>For Class 52 Rating, Deduct</i>	-455.74	
<i>For Class 54 Rating, Add</i>	637.21	
<i>For Class 55 Rating, Add</i>	955.40	
<i>For Class 56 Rating, Add</i>	1,269.45	
40 05 19 00-0285 EA 18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,742.43	870.19
<i>For Class 52 Rating, Deduct</i>	-486.64	
<i>For Class 54 Rating, Add</i>	679.42	
<i>For Class 55 Rating, Add</i>	1,018.19	
<i>For Class 56 Rating, Add</i>	1,352.53	
40 05 19 00-0286 EA 18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,029.32	874.15
<i>For Class 52 Rating, Deduct</i>	-517.53	
<i>For Class 54 Rating, Add</i>	721.62	
<i>For Class 55 Rating, Add</i>	1,080.97	
<i>For Class 56 Rating, Add</i>	1,435.61	
40 05 19 00-0287 EA 18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,316.22	878.12
<i>For Class 52 Rating, Deduct</i>	-548.43	
<i>For Class 54 Rating, Add</i>	763.83	
<i>For Class 55 Rating, Add</i>	1,143.75	
<i>For Class 56 Rating, Add</i>	1,518.69	
40 05 19 00-0288 EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,603.11	882.09
<i>For Class 52 Rating, Deduct</i>	-579.33	
<i>For Class 54 Rating, Add</i>	806.03	
<i>For Class 55 Rating, Add</i>	1,206.53	
<i>For Class 56 Rating, Add</i>	1,601.77	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA		18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,890.02	886.05
			<i>For Class 52 Rating, Deduct</i>	-610.23	
			<i>For Class 54 Rating, Add</i>	848.24	
			<i>For Class 55 Rating, Add</i>	1,269.31	
			<i>For Class 56 Rating, Add</i>	1,684.85	
40 05 19 00-0290	EA		18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,176.90	890.02
			<i>For Class 52 Rating, Deduct</i>	-641.12	
			<i>For Class 54 Rating, Add</i>	890.44	
			<i>For Class 55 Rating, Add</i>	1,332.10	
			<i>For Class 56 Rating, Add</i>	1,767.92	
40 05 19 00-0291	EA		18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,463.80	893.98
			<i>For Class 52 Rating, Deduct</i>	-672.02	
			<i>For Class 54 Rating, Add</i>	932.65	
			<i>For Class 55 Rating, Add</i>	1,394.88	
			<i>For Class 56 Rating, Add</i>	1,851.00	
40 05 19 00-0292	EA		18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,750.70	897.95
			<i>For Class 52 Rating, Deduct</i>	-702.92	
			<i>For Class 54 Rating, Add</i>	974.85	
			<i>For Class 55 Rating, Add</i>	1,457.66	
			<i>For Class 56 Rating, Add</i>	1,934.08	
40 05 19 00-0293	EA		18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,037.59	901.92
			<i>For Class 52 Rating, Deduct</i>	-733.82	
			<i>For Class 54 Rating, Add</i>	1,017.06	
			<i>For Class 55 Rating, Add</i>	1,520.44	
			<i>For Class 56 Rating, Add</i>	2,017.16	
40 05 19 00-0294	EA		18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,324.49	905.88
			<i>For Class 52 Rating, Deduct</i>	-764.71	
			<i>For Class 54 Rating, Add</i>	1,059.26	
			<i>For Class 55 Rating, Add</i>	1,583.22	
			<i>For Class 56 Rating, Add</i>	2,100.23	
40 05 19 00-0295	EA		18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,611.38	909.84
			<i>For Class 52 Rating, Deduct</i>	-795.61	
			<i>For Class 54 Rating, Add</i>	1,101.47	
			<i>For Class 55 Rating, Add</i>	1,646.00	
			<i>For Class 56 Rating, Add</i>	2,183.31	
40 05 19 00-0296	EA		18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,898.28	913.82
			<i>For Class 52 Rating, Deduct</i>	-826.51	
			<i>For Class 54 Rating, Add</i>	1,143.67	
			<i>For Class 55 Rating, Add</i>	1,708.79	
			<i>For Class 56 Rating, Add</i>	2,266.39	
40 05 19 00-0297	EA		18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,185.18	917.78
			<i>For Class 52 Rating, Deduct</i>	-857.41	
			<i>For Class 54 Rating, Add</i>	1,185.88	
			<i>For Class 55 Rating, Add</i>	1,771.57	
			<i>For Class 56 Rating, Add</i>	2,349.47	
40 05 19 00-0298	EA		18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,472.07	921.75
			<i>For Class 52 Rating, Deduct</i>	-888.30	
			<i>For Class 54 Rating, Add</i>	1,228.08	
			<i>For Class 55 Rating, Add</i>	1,834.35	
			<i>For Class 56 Rating, Add</i>	2,432.54	
40 05 19 00-0299	EA		18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,758.97	925.72
			<i>For Class 52 Rating, Deduct</i>	-919.20	
			<i>For Class 54 Rating, Add</i>	1,270.29	
			<i>For Class 55 Rating, Add</i>	1,897.13	
			<i>For Class 56 Rating, Add</i>	2,515.62	
40 05 19 00-0300	EA		18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,045.87	929.68
			<i>For Class 52 Rating, Deduct</i>	-950.10	
			<i>For Class 54 Rating, Add</i>	1,312.49	
			<i>For Class 55 Rating, Add</i>	1,959.92	
			<i>For Class 56 Rating, Add</i>	2,598.70	
40 05 19 00-0301	EA		18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,332.76	933.65
			<i>For Class 52 Rating, Deduct</i>	-981.00	
			<i>For Class 54 Rating, Add</i>	1,354.70	
			<i>For Class 55 Rating, Add</i>	2,022.70	
			<i>For Class 56 Rating, Add</i>	2,681.78	
40 05 19 00-0302	EA		18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,619.65	937.61
			<i>For Class 52 Rating, Deduct</i>	-1,011.89	
			<i>For Class 54 Rating, Add</i>	1,396.90	
			<i>For Class 55 Rating, Add</i>	2,085.48	
			<i>For Class 56 Rating, Add</i>	2,764.86	
40 05 19 00-0303	EA		18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,906.56	941.58
			<i>For Class 52 Rating, Deduct</i>	-1,042.79	
			<i>For Class 54 Rating, Add</i>	1,439.11	
			<i>For Class 55 Rating, Add</i>	2,148.26	
			<i>For Class 56 Rating, Add</i>	2,847.94	
40 05 19 00-0304	EA		18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,193.44	945.55
			<i>For Class 52 Rating, Deduct</i>	-1,073.69	
			<i>For Class 54 Rating, Add</i>	1,481.31	
			<i>For Class 55 Rating, Add</i>	2,211.04	
			<i>For Class 56 Rating, Add</i>	2,931.01	
40 05 19 00-0305	EA		18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,480.35	949.51
			<i>For Class 52 Rating, Deduct</i>	-1,104.59	
			<i>For Class 54 Rating, Add</i>	1,523.52	
			<i>For Class 55 Rating, Add</i>	2,273.82	
			<i>For Class 56 Rating, Add</i>	3,014.09	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306 EA 18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,767.24	953.47
<i>For Class 52 Rating, Deduct</i>	-1,135.48	
<i>For Class 54 Rating, Add</i>	1,565.72	
<i>For Class 55 Rating, Add</i>	2,336.61	
<i>For Class 56 Rating, Add</i>	3,097.17	
40 05 19 00-0307 EA 18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,054.14	957.45
<i>For Class 52 Rating, Deduct</i>	-1,166.38	
<i>For Class 54 Rating, Add</i>	1,607.93	
<i>For Class 55 Rating, Add</i>	2,399.39	
<i>For Class 56 Rating, Add</i>	3,180.25	
40 05 19 00-0308 EA 18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,341.03	961.41
<i>For Class 52 Rating, Deduct</i>	-1,197.28	
<i>For Class 54 Rating, Add</i>	1,650.13	
<i>For Class 55 Rating, Add</i>	2,462.17	
<i>For Class 56 Rating, Add</i>	3,263.32	
40 05 19 00-0309 EA 18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,627.93	965.37
<i>For Class 52 Rating, Deduct</i>	-1,228.18	
<i>For Class 54 Rating, Add</i>	1,692.34	
<i>For Class 55 Rating, Add</i>	2,524.95	
<i>For Class 56 Rating, Add</i>	3,346.40	
40 05 19 00-0310 EA 18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,914.82	969.34
<i>For Class 52 Rating, Deduct</i>	-1,259.07	
<i>For Class 54 Rating, Add</i>	1,734.54	
<i>For Class 55 Rating, Add</i>	2,587.73	
<i>For Class 56 Rating, Add</i>	3,429.48	
40 05 19 00-0311 EA 18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,201.72	973.31
<i>For Class 52 Rating, Deduct</i>	-1,289.97	
<i>For Class 54 Rating, Add</i>	1,776.75	
<i>For Class 55 Rating, Add</i>	2,650.52	
<i>For Class 56 Rating, Add</i>	3,512.56	
40 05 19 00-0312 EA 18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,488.61	977.27
<i>For Class 52 Rating, Deduct</i>	-1,320.87	
<i>For Class 54 Rating, Add</i>	1,818.95	
<i>For Class 55 Rating, Add</i>	2,713.30	
<i>For Class 56 Rating, Add</i>	3,595.63	
40 05 19 00-0313 EA 18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,775.51	981.24
<i>For Class 52 Rating, Deduct</i>	-1,351.77	
<i>For Class 54 Rating, Add</i>	1,861.16	
<i>For Class 55 Rating, Add</i>	2,776.08	
<i>For Class 56 Rating, Add</i>	3,678.71	
40 05 19 00-0314 EA 18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,062.41	985.21
<i>For Class 52 Rating, Deduct</i>	-1,382.66	
<i>For Class 54 Rating, Add</i>	1,903.36	
<i>For Class 55 Rating, Add</i>	2,838.86	
<i>For Class 56 Rating, Add</i>	3,761.79	
40 05 19 00-0315 EA 18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,349.30	989.18
<i>For Class 52 Rating, Deduct</i>	-1,413.56	
<i>For Class 54 Rating, Add</i>	1,945.57	
<i>For Class 55 Rating, Add</i>	2,901.64	
<i>For Class 56 Rating, Add</i>	3,844.87	
40 05 19 00-0316 EA 18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,636.20	993.14
<i>For Class 52 Rating, Deduct</i>	-1,444.46	
<i>For Class 54 Rating, Add</i>	1,987.77	
<i>For Class 55 Rating, Add</i>	2,964.43	
<i>For Class 56 Rating, Add</i>	3,927.95	
40 05 19 00-0317 EA 18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,923.09	997.10
<i>For Class 52 Rating, Deduct</i>	-1,475.36	
<i>For Class 54 Rating, Add</i>	2,029.98	
<i>For Class 55 Rating, Add</i>	3,027.21	
<i>For Class 56 Rating, Add</i>	4,011.02	
40 05 19 00-0318 EA 18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,209.99	1,001.08
<i>For Class 52 Rating, Deduct</i>	-1,506.25	
<i>For Class 54 Rating, Add</i>	2,072.18	
<i>For Class 55 Rating, Add</i>	3,089.99	
<i>For Class 56 Rating, Add</i>	4,094.10	
40 05 19 00-0319 EA 18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,496.88	1,005.04
<i>For Class 52 Rating, Deduct</i>	-1,537.15	
<i>For Class 54 Rating, Add</i>	2,114.39	
<i>For Class 55 Rating, Add</i>	3,152.77	
<i>For Class 56 Rating, Add</i>	4,177.18	
<b>40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0321 EA 20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,718.69	979.66
<i>For Class 52 Rating, Deduct</i>	-465.78	
<i>For Class 54 Rating, Add</i>	652.97	
<i>For Class 55 Rating, Add</i>	979.89	
<i>For Class 56 Rating, Add</i>	1,302.57	
40 05 19 00-0322 EA 20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,047.71	983.62
<i>For Class 52 Rating, Deduct</i>	-501.31	
<i>For Class 54 Rating, Add</i>	701.49	
<i>For Class 55 Rating, Add</i>	1,052.06	
<i>For Class 56 Rating, Add</i>	1,398.08	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA	20"	Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,376.75	987.59
			<i>For Class 52 Rating, Deduct</i>	-536.84	
			<i>For Class 54 Rating, Add</i>	750.02	
			<i>For Class 55 Rating, Add</i>	1,124.24	
			<i>For Class 56 Rating, Add</i>	1,493.59	
40 05 19 00-0324	EA	20"	Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,705.77	991.55
			<i>For Class 52 Rating, Deduct</i>	-572.38	
			<i>For Class 54 Rating, Add</i>	798.54	
			<i>For Class 55 Rating, Add</i>	1,196.42	
			<i>For Class 56 Rating, Add</i>	1,589.09	
40 05 19 00-0325	EA	20"	Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,034.81	995.52
			<i>For Class 52 Rating, Deduct</i>	-607.91	
			<i>For Class 54 Rating, Add</i>	847.07	
			<i>For Class 55 Rating, Add</i>	1,268.60	
			<i>For Class 56 Rating, Add</i>	1,684.60	
40 05 19 00-0326	EA	20"	Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,363.83	999.49
			<i>For Class 52 Rating, Deduct</i>	-643.44	
			<i>For Class 54 Rating, Add</i>	895.59	
			<i>For Class 55 Rating, Add</i>	1,340.77	
			<i>For Class 56 Rating, Add</i>	1,780.11	
40 05 19 00-0327	EA	20"	Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,692.86	1,003.45
			<i>For Class 52 Rating, Deduct</i>	-678.97	
			<i>For Class 54 Rating, Add</i>	944.12	
			<i>For Class 55 Rating, Add</i>	1,412.95	
			<i>For Class 56 Rating, Add</i>	1,875.62	
40 05 19 00-0328	EA	20"	Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,021.89	1,007.41
			<i>For Class 52 Rating, Deduct</i>	-714.51	
			<i>For Class 54 Rating, Add</i>	992.64	
			<i>For Class 55 Rating, Add</i>	1,485.13	
			<i>For Class 56 Rating, Add</i>	1,971.12	
40 05 19 00-0329	EA	20"	Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,350.92	1,011.39
			<i>For Class 52 Rating, Deduct</i>	-750.04	
			<i>For Class 54 Rating, Add</i>	1,041.17	
			<i>For Class 55 Rating, Add</i>	1,557.31	
			<i>For Class 56 Rating, Add</i>	2,066.63	
40 05 19 00-0330	EA	20"	Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,679.95	1,015.35
			<i>For Class 52 Rating, Deduct</i>	-785.57	
			<i>For Class 54 Rating, Add</i>	1,089.69	
			<i>For Class 55 Rating, Add</i>	1,629.49	
			<i>For Class 56 Rating, Add</i>	2,162.14	
40 05 19 00-0331	EA	20"	Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,008.98	1,019.31
			<i>For Class 52 Rating, Deduct</i>	-821.10	
			<i>For Class 54 Rating, Add</i>	1,138.22	
			<i>For Class 55 Rating, Add</i>	1,701.66	
			<i>For Class 56 Rating, Add</i>	2,257.64	
40 05 19 00-0332	EA	20"	Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,338.01	1,023.28
			<i>For Class 52 Rating, Deduct</i>	-856.63	
			<i>For Class 54 Rating, Add</i>	1,186.74	
			<i>For Class 55 Rating, Add</i>	1,773.84	
			<i>For Class 56 Rating, Add</i>	2,353.15	
40 05 19 00-0333	EA	20"	Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,667.03	1,027.25
			<i>For Class 52 Rating, Deduct</i>	-892.16	
			<i>For Class 54 Rating, Add</i>	1,235.27	
			<i>For Class 55 Rating, Add</i>	1,846.02	
			<i>For Class 56 Rating, Add</i>	2,448.66	
40 05 19 00-0334	EA	20"	Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,996.06	1,031.22
			<i>For Class 52 Rating, Deduct</i>	-927.70	
			<i>For Class 54 Rating, Add</i>	1,283.79	
			<i>For Class 55 Rating, Add</i>	1,918.19	
			<i>For Class 56 Rating, Add</i>	2,544.16	
40 05 19 00-0335	EA	20"	Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,325.09	1,035.18
			<i>For Class 52 Rating, Deduct</i>	-963.23	
			<i>For Class 54 Rating, Add</i>	1,332.32	
			<i>For Class 55 Rating, Add</i>	1,990.37	
			<i>For Class 56 Rating, Add</i>	2,639.67	
40 05 19 00-0336	EA	20"	Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,654.11	1,039.15
			<i>For Class 52 Rating, Deduct</i>	-998.76	
			<i>For Class 54 Rating, Add</i>	1,380.84	
			<i>For Class 55 Rating, Add</i>	2,062.55	
			<i>For Class 56 Rating, Add</i>	2,735.18	
40 05 19 00-0337	EA	20"	Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,983.15	1,043.12
			<i>For Class 52 Rating, Deduct</i>	-1,034.29	
			<i>For Class 54 Rating, Add</i>	1,429.37	
			<i>For Class 55 Rating, Add</i>	2,134.73	
			<i>For Class 56 Rating, Add</i>	2,830.68	
40 05 19 00-0338	EA	20"	Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,312.17	1,047.08
			<i>For Class 52 Rating, Deduct</i>	-1,069.83	
			<i>For Class 54 Rating, Add</i>	1,477.89	
			<i>For Class 55 Rating, Add</i>	2,206.90	
			<i>For Class 56 Rating, Add</i>	2,926.19	
40 05 19 00-0339	EA	20"	Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,641.21	1,051.04
			<i>For Class 52 Rating, Deduct</i>	-1,105.36	
			<i>For Class 54 Rating, Add</i>	1,526.42	
			<i>For Class 55 Rating, Add</i>	2,279.08	
			<i>For Class 56 Rating, Add</i>	3,021.70	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340 EA 20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,970.23	1,055.02
<i>For Class 52 Rating, Deduct</i>	-1,140.89	
<i>For Class 54 Rating, Add</i>	1,574.94	
<i>For Class 55 Rating, Add</i>	2,351.26	
<i>For Class 56 Rating, Add</i>	3,117.21	
40 05 19 00-0341 EA 20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,299.27	1,058.98
<i>For Class 52 Rating, Deduct</i>	-1,176.42	
<i>For Class 54 Rating, Add</i>	1,623.47	
<i>For Class 55 Rating, Add</i>	2,423.44	
<i>For Class 56 Rating, Add</i>	3,212.71	
40 05 19 00-0342 EA 20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,628.29	1,062.94
<i>For Class 52 Rating, Deduct</i>	-1,211.95	
<i>For Class 54 Rating, Add</i>	1,671.99	
<i>For Class 55 Rating, Add</i>	2,495.62	
<i>For Class 56 Rating, Add</i>	3,308.22	
40 05 19 00-0343 EA 20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,957.33	1,066.91
<i>For Class 52 Rating, Deduct</i>	-1,247.49	
<i>For Class 54 Rating, Add</i>	1,720.52	
<i>For Class 55 Rating, Add</i>	2,567.79	
<i>For Class 56 Rating, Add</i>	3,403.73	
40 05 19 00-0344 EA 20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,286.35	1,070.88
<i>For Class 52 Rating, Deduct</i>	-1,283.02	
<i>For Class 54 Rating, Add</i>	1,769.04	
<i>For Class 55 Rating, Add</i>	2,639.97	
<i>For Class 56 Rating, Add</i>	3,499.24	
40 05 19 00-0345 EA 20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,615.39	1,074.84
<i>For Class 52 Rating, Deduct</i>	-1,318.55	
<i>For Class 54 Rating, Add</i>	1,817.57	
<i>For Class 55 Rating, Add</i>	2,712.15	
<i>For Class 56 Rating, Add</i>	3,594.74	
40 05 19 00-0346 EA 20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,944.41	1,078.81
<i>For Class 52 Rating, Deduct</i>	-1,354.08	
<i>For Class 54 Rating, Add</i>	1,866.09	
<i>For Class 55 Rating, Add</i>	2,784.33	
<i>For Class 56 Rating, Add</i>	3,690.25	
40 05 19 00-0347 EA 20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,273.44	1,082.77
<i>For Class 52 Rating, Deduct</i>	-1,389.62	
<i>For Class 54 Rating, Add</i>	1,914.62	
<i>For Class 55 Rating, Add</i>	2,856.50	
<i>For Class 56 Rating, Add</i>	3,785.76	
40 05 19 00-0348 EA 20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,602.47	1,086.75
<i>For Class 52 Rating, Deduct</i>	-1,425.15	
<i>For Class 54 Rating, Add</i>	1,963.14	
<i>For Class 55 Rating, Add</i>	2,928.68	
<i>For Class 56 Rating, Add</i>	3,881.26	
40 05 19 00-0349 EA 20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,931.49	1,090.71
<i>For Class 52 Rating, Deduct</i>	-1,460.68	
<i>For Class 54 Rating, Add</i>	2,011.67	
<i>For Class 55 Rating, Add</i>	3,000.86	
<i>For Class 56 Rating, Add</i>	3,976.77	
40 05 19 00-0350 EA 20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,260.52	1,094.67
<i>For Class 52 Rating, Deduct</i>	-1,496.21	
<i>For Class 54 Rating, Add</i>	2,060.19	
<i>For Class 55 Rating, Add</i>	3,073.03	
<i>For Class 56 Rating, Add</i>	4,072.28	
40 05 19 00-0351 EA 20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,589.55	1,098.64
<i>For Class 52 Rating, Deduct</i>	-1,531.74	
<i>For Class 54 Rating, Add</i>	2,108.72	
<i>For Class 55 Rating, Add</i>	3,145.21	
<i>For Class 56 Rating, Add</i>	4,167.78	
40 05 19 00-0352 EA 20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,918.58	1,102.61
<i>For Class 52 Rating, Deduct</i>	-1,567.28	
<i>For Class 54 Rating, Add</i>	2,157.24	
<i>For Class 55 Rating, Add</i>	3,217.39	
<i>For Class 56 Rating, Add</i>	4,263.29	
40 05 19 00-0353 EA 20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,247.61	1,106.57
<i>For Class 52 Rating, Deduct</i>	-1,602.81	
<i>For Class 54 Rating, Add</i>	2,205.77	
<i>For Class 55 Rating, Add</i>	3,289.57	
<i>For Class 56 Rating, Add</i>	4,358.80	
40 05 19 00-0354 EA 20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,576.64	1,110.54
<i>For Class 52 Rating, Deduct</i>	-1,638.34	
<i>For Class 54 Rating, Add</i>	2,254.29	
<i>For Class 55 Rating, Add</i>	3,361.75	
<i>For Class 56 Rating, Add</i>	4,454.31	
40 05 19 00-0355 EA 20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,905.66	1,114.51
<i>For Class 52 Rating, Deduct</i>	-1,673.87	
<i>For Class 54 Rating, Add</i>	2,302.82	
<i>For Class 55 Rating, Add</i>	3,433.92	
<i>For Class 56 Rating, Add</i>	4,549.81	
40 05 19 00-0356 EA 20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,234.69	1,118.47
<i>For Class 52 Rating, Deduct</i>	-1,709.40	
<i>For Class 54 Rating, Add</i>	2,351.34	
<i>For Class 55 Rating, Add</i>	3,506.10	
<i>For Class 56 Rating, Add</i>	4,645.32	

**40 Process Interconnections**

**40 05 Common Work Results For Process Interconnections**

**40 05 19 Ductile Iron Process Pipe**



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA		20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,563.72	1,122.44
			<i>For Class 52 Rating, Deduct</i>	-1,744.94	
			<i>For Class 54 Rating, Add</i>	2,399.87	
			<i>For Class 55 Rating, Add</i>	3,578.28	
			<i>For Class 56 Rating, Add</i>	4,740.83	
40 05 19 00-0358	EA		20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,892.75	1,126.40
			<i>For Class 52 Rating, Deduct</i>	-1,780.47	
			<i>For Class 54 Rating, Add</i>	2,448.39	
			<i>For Class 55 Rating, Add</i>	3,650.46	
			<i>For Class 56 Rating, Add</i>	4,836.33	
<b>40 05 19 00-0359 24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small></b>					
40 05 19 00-0360	EA		24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,040.10	1,158.13
			<i>For Class 52 Rating, Deduct</i>	-581.39	
			<i>For Class 54 Rating, Add</i>	813.86	
			<i>For Class 55 Rating, Add</i>	1,220.75	
			<i>For Class 56 Rating, Add</i>	1,622.35	
40 05 19 00-0361	EA		24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,446.36	1,162.10
			<i>For Class 52 Rating, Deduct</i>	-625.42	
			<i>For Class 54 Rating, Add</i>	873.97	
			<i>For Class 55 Rating, Add</i>	1,310.15	
			<i>For Class 56 Rating, Add</i>	1,740.64	
40 05 19 00-0362	EA		24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,852.64	1,166.07
			<i>For Class 52 Rating, Deduct</i>	-669.45	
			<i>For Class 54 Rating, Add</i>	934.08	
			<i>For Class 55 Rating, Add</i>	1,399.55	
			<i>For Class 56 Rating, Add</i>	1,858.94	
40 05 19 00-0363	EA		24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,258.91	1,170.03
			<i>For Class 52 Rating, Deduct</i>	-713.48	
			<i>For Class 54 Rating, Add</i>	994.19	
			<i>For Class 55 Rating, Add</i>	1,488.96	
			<i>For Class 56 Rating, Add</i>	1,977.23	
40 05 19 00-0364	EA		24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,665.19	1,174.00
			<i>For Class 52 Rating, Deduct</i>	-757.50	
			<i>For Class 54 Rating, Add</i>	1,054.31	
			<i>For Class 55 Rating, Add</i>	1,578.36	
			<i>For Class 56 Rating, Add</i>	2,095.52	
40 05 19 00-0365	EA		24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,071.45	1,177.97
			<i>For Class 52 Rating, Deduct</i>	-801.53	
			<i>For Class 54 Rating, Add</i>	1,114.42	
			<i>For Class 55 Rating, Add</i>	1,667.76	
			<i>For Class 56 Rating, Add</i>	2,213.82	
40 05 19 00-0366	EA		24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,477.73	1,181.93
			<i>For Class 52 Rating, Deduct</i>	-845.56	
			<i>For Class 54 Rating, Add</i>	1,174.53	
			<i>For Class 55 Rating, Add</i>	1,757.16	
			<i>For Class 56 Rating, Add</i>	2,332.11	
40 05 19 00-0367	EA		24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	9,884.00	1,185.89
			<i>For Class 52 Rating, Deduct</i>	-889.59	
			<i>For Class 54 Rating, Add</i>	1,234.64	
			<i>For Class 55 Rating, Add</i>	1,846.57	
			<i>For Class 56 Rating, Add</i>	2,450.41	
40 05 19 00-0368	EA		24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,290.28	1,189.87
			<i>For Class 52 Rating, Deduct</i>	-933.62	
			<i>For Class 54 Rating, Add</i>	1,294.75	
			<i>For Class 55 Rating, Add</i>	1,935.97	
			<i>For Class 56 Rating, Add</i>	2,568.70	
40 05 19 00-0369	EA		24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,696.54	1,193.83
			<i>For Class 52 Rating, Deduct</i>	-977.65	
			<i>For Class 54 Rating, Add</i>	1,354.86	
			<i>For Class 55 Rating, Add</i>	2,025.37	
			<i>For Class 56 Rating, Add</i>	2,686.99	
40 05 19 00-0370	EA		24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,102.82	1,197.79
			<i>For Class 52 Rating, Deduct</i>	-1,021.68	
			<i>For Class 54 Rating, Add</i>	1,414.98	
			<i>For Class 55 Rating, Add</i>	2,114.78	
			<i>For Class 56 Rating, Add</i>	2,805.29	
40 05 19 00-0371	EA		24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,509.09	1,201.76
			<i>For Class 52 Rating, Deduct</i>	-1,065.71	
			<i>For Class 54 Rating, Add</i>	1,475.09	
			<i>For Class 55 Rating, Add</i>	2,204.18	
			<i>For Class 56 Rating, Add</i>	2,923.58	
40 05 19 00-0372	EA		24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,915.36	1,205.73
			<i>For Class 52 Rating, Deduct</i>	-1,109.74	
			<i>For Class 54 Rating, Add</i>	1,535.20	
			<i>For Class 55 Rating, Add</i>	2,293.58	
			<i>For Class 56 Rating, Add</i>	3,041.87	
40 05 19 00-0373	EA		24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,321.64	1,209.70
			<i>For Class 52 Rating, Deduct</i>	-1,153.76	
			<i>For Class 54 Rating, Add</i>	1,595.31	
			<i>For Class 55 Rating, Add</i>	2,382.98	
			<i>For Class 56 Rating, Add</i>	3,160.17	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374 EA 24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,727.91	1,213.66
<i>For Class 52 Rating, Deduct</i>	-1,197.79	
<i>For Class 54 Rating, Add</i>	1,655.42	
<i>For Class 55 Rating, Add</i>	2,472.39	
<i>For Class 56 Rating, Add</i>	3,278.46	
40 05 19 00-0375 EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,134.18	1,217.62
<i>For Class 52 Rating, Deduct</i>	-1,241.82	
<i>For Class 54 Rating, Add</i>	1,715.53	
<i>For Class 55 Rating, Add</i>	2,561.79	
<i>For Class 56 Rating, Add</i>	3,396.76	
40 05 19 00-0376 EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,540.46	1,221.60
<i>For Class 52 Rating, Deduct</i>	-1,285.85	
<i>For Class 54 Rating, Add</i>	1,775.64	
<i>For Class 55 Rating, Add</i>	2,651.19	
<i>For Class 56 Rating, Add</i>	3,515.05	
40 05 19 00-0377 EA 24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,946.73	1,225.56
<i>For Class 52 Rating, Deduct</i>	-1,329.88	
<i>For Class 54 Rating, Add</i>	1,835.76	
<i>For Class 55 Rating, Add</i>	2,740.60	
<i>For Class 56 Rating, Add</i>	3,633.35	
40 05 19 00-0378 EA 24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,353.00	1,229.52
<i>For Class 52 Rating, Deduct</i>	-1,373.91	
<i>For Class 54 Rating, Add</i>	1,895.87	
<i>For Class 55 Rating, Add</i>	2,830.00	
<i>For Class 56 Rating, Add</i>	3,751.64	
40 05 19 00-0379 EA 24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,759.26	1,233.50
<i>For Class 52 Rating, Deduct</i>	-1,417.94	
<i>For Class 54 Rating, Add</i>	1,955.98	
<i>For Class 55 Rating, Add</i>	2,919.40	
<i>For Class 56 Rating, Add</i>	3,869.93	
40 05 19 00-0380 EA 24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,165.55	1,237.46
<i>For Class 52 Rating, Deduct</i>	-1,461.97	
<i>For Class 54 Rating, Add</i>	2,016.09	
<i>For Class 55 Rating, Add</i>	3,008.80	
<i>For Class 56 Rating, Add</i>	3,988.23	
40 05 19 00-0381 EA 24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,571.81	1,241.42
<i>For Class 52 Rating, Deduct</i>	-1,506.00	
<i>For Class 54 Rating, Add</i>	2,076.20	
<i>For Class 55 Rating, Add</i>	3,098.21	
<i>For Class 56 Rating, Add</i>	4,106.52	
40 05 19 00-0382 EA 24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,978.09	1,245.39
<i>For Class 52 Rating, Deduct</i>	-1,550.02	
<i>For Class 54 Rating, Add</i>	2,136.31	
<i>For Class 55 Rating, Add</i>	3,187.61	
<i>For Class 56 Rating, Add</i>	4,224.81	
40 05 19 00-0383 EA 24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,384.36	1,249.36
<i>For Class 52 Rating, Deduct</i>	-1,594.05	
<i>For Class 54 Rating, Add</i>	2,196.43	
<i>For Class 55 Rating, Add</i>	3,277.01	
<i>For Class 56 Rating, Add</i>	4,343.11	
40 05 19 00-0384 EA 24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,790.64	1,253.32
<i>For Class 52 Rating, Deduct</i>	-1,638.08	
<i>For Class 54 Rating, Add</i>	2,256.54	
<i>For Class 55 Rating, Add</i>	3,366.42	
<i>For Class 56 Rating, Add</i>	4,461.40	
40 05 19 00-0385 EA 24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,196.90	1,257.29
<i>For Class 52 Rating, Deduct</i>	-1,682.11	
<i>For Class 54 Rating, Add</i>	2,316.65	
<i>For Class 55 Rating, Add</i>	3,455.82	
<i>For Class 56 Rating, Add</i>	4,579.70	
40 05 19 00-0386 EA 24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,603.19	1,261.25
<i>For Class 52 Rating, Deduct</i>	-1,726.14	
<i>For Class 54 Rating, Add</i>	2,376.76	
<i>For Class 55 Rating, Add</i>	3,545.22	
<i>For Class 56 Rating, Add</i>	4,697.99	
40 05 19 00-0387 EA 24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,009.45	1,265.23
<i>For Class 52 Rating, Deduct</i>	-1,770.17	
<i>For Class 54 Rating, Add</i>	2,436.87	
<i>For Class 55 Rating, Add</i>	3,634.62	
<i>For Class 56 Rating, Add</i>	4,816.28	
40 05 19 00-0388 EA 24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,415.72	1,269.19
<i>For Class 52 Rating, Deduct</i>	-1,814.20	
<i>For Class 54 Rating, Add</i>	2,496.98	
<i>For Class 55 Rating, Add</i>	3,724.03	
<i>For Class 56 Rating, Add</i>	4,934.58	
40 05 19 00-0389 EA 24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,824.17	1,340.58
<i>For Class 52 Rating, Deduct</i>	-1,858.23	
<i>For Class 54 Rating, Add</i>	2,558.32	
<i>For Class 55 Rating, Add</i>	3,815.88	
<i>For Class 56 Rating, Add</i>	5,056.55	
40 05 19 00-0390 EA 24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,330.43	1,344.55
<i>For Class 52 Rating, Deduct</i>	-1,902.26	
<i>For Class 54 Rating, Add</i>	2,618.43	
<i>For Class 55 Rating, Add</i>	3,905.29	
<i>For Class 56 Rating, Add</i>	5,174.84	



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24"	Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,736.70	1,348.51
			<i>For Class 52 Rating, Deduct</i>	-1,946.29	
			<i>For Class 54 Rating, Add</i>	2,678.54	
			<i>For Class 55 Rating, Add</i>	3,994.69	
			<i>For Class 56 Rating, Add</i>	5,293.14	
40 05 19 00-0392	EA	24"	Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,142.98	1,352.47
			<i>For Class 52 Rating, Deduct</i>	-1,990.31	
			<i>For Class 54 Rating, Add</i>	2,738.66	
			<i>For Class 55 Rating, Add</i>	4,084.09	
			<i>For Class 56 Rating, Add</i>	5,411.43	
40 05 19 00-0393	EA	24"	Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,549.25	1,356.45
			<i>For Class 52 Rating, Deduct</i>	-2,034.34	
			<i>For Class 54 Rating, Add</i>	2,798.77	
			<i>For Class 55 Rating, Add</i>	4,173.49	
			<i>For Class 56 Rating, Add</i>	5,529.73	
40 05 19 00-0394	EA	24"	Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,955.52	1,360.41
			<i>For Class 52 Rating, Deduct</i>	-2,078.37	
			<i>For Class 54 Rating, Add</i>	2,858.88	
			<i>For Class 55 Rating, Add</i>	4,262.90	
			<i>For Class 56 Rating, Add</i>	5,648.02	
40 05 19 00-0395	EA	24"	Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	21,361.80	1,364.37
			<i>For Class 52 Rating, Deduct</i>	-2,122.40	
			<i>For Class 54 Rating, Add</i>	2,918.99	
			<i>For Class 55 Rating, Add</i>	4,352.30	
			<i>For Class 56 Rating, Add</i>	5,766.32	
40 05 19 00-0396	EA	24"	Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	21,768.07	1,368.35
			<i>For Class 52 Rating, Deduct</i>	-2,166.43	
			<i>For Class 54 Rating, Add</i>	2,979.10	
			<i>For Class 55 Rating, Add</i>	4,441.70	
			<i>For Class 56 Rating, Add</i>	5,884.61	
40 05 19 00-0397	EA	24"	Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	22,174.34	1,372.31
			<i>For Class 52 Rating, Deduct</i>	-2,210.46	
			<i>For Class 54 Rating, Add</i>	3,039.21	
			<i>For Class 55 Rating, Add</i>	4,531.11	
			<i>For Class 56 Rating, Add</i>	6,002.90	

**40 05 19 00-0398 30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** (40 05 19 00-0002)

40 05 19 00-0399	EA	30"	Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,879.06	1,634.08
			<i>For Class 52 Rating, Deduct</i>	-924.35	
			<i>For Class 54 Rating, Add</i>	1,290.19	
			<i>For Class 55 Rating, Add</i>	1,933.33	
			<i>For Class 56 Rating, Add</i>	2,568.07	
40 05 19 00-0400	EA	30"	Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,463.23	1,638.05
			<i>For Class 52 Rating, Deduct</i>	-987.95	
			<i>For Class 54 Rating, Add</i>	1,376.98	
			<i>For Class 55 Rating, Add</i>	2,062.40	
			<i>For Class 56 Rating, Add</i>	2,738.84	
40 05 19 00-0401	EA	30"	Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,047.40	1,642.01
			<i>For Class 52 Rating, Deduct</i>	-1,051.55	
			<i>For Class 54 Rating, Add</i>	1,463.78	
			<i>For Class 55 Rating, Add</i>	2,191.48	
			<i>For Class 56 Rating, Add</i>	2,909.62	
40 05 19 00-0402	EA	30"	Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,631.57	1,645.98
			<i>For Class 52 Rating, Deduct</i>	-1,115.14	
			<i>For Class 54 Rating, Add</i>	1,550.58	
			<i>For Class 55 Rating, Add</i>	2,320.55	
			<i>For Class 56 Rating, Add</i>	3,080.39	
40 05 19 00-0403	EA	30"	Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,215.74	1,649.94
			<i>For Class 52 Rating, Deduct</i>	-1,178.74	
			<i>For Class 54 Rating, Add</i>	1,637.37	
			<i>For Class 55 Rating, Add</i>	2,449.63	
			<i>For Class 56 Rating, Add</i>	3,251.16	
40 05 19 00-0404	EA	30"	Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	13,799.90	1,653.91
			<i>For Class 52 Rating, Deduct</i>	-1,242.34	
			<i>For Class 54 Rating, Add</i>	1,724.17	
			<i>For Class 55 Rating, Add</i>	2,578.70	
			<i>For Class 56 Rating, Add</i>	3,421.93	
40 05 19 00-0405	EA	30"	Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,384.06	1,657.88
			<i>For Class 52 Rating, Deduct</i>	-1,305.93	
			<i>For Class 54 Rating, Add</i>	1,810.96	
			<i>For Class 55 Rating, Add</i>	2,707.77	
			<i>For Class 56 Rating, Add</i>	3,592.71	
40 05 19 00-0406	EA	30"	Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	14,968.24	1,661.84
			<i>For Class 52 Rating, Deduct</i>	-1,369.53	
			<i>For Class 54 Rating, Add</i>	1,897.76	
			<i>For Class 55 Rating, Add</i>	2,836.85	
			<i>For Class 56 Rating, Add</i>	3,763.48	
40 05 19 00-0407	EA	30"	Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,552.40	1,665.80
			<i>For Class 52 Rating, Deduct</i>	-1,433.13	
			<i>For Class 54 Rating, Add</i>	1,984.55	
			<i>For Class 55 Rating, Add</i>	2,965.92	
			<i>For Class 56 Rating, Add</i>	3,934.25	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408 EA 30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,136.57	1,669.78
<i>For Class 52 Rating, Deduct</i>	-1,496.73	
<i>For Class 54 Rating, Add</i>	2,071.35	
<i>For Class 55 Rating, Add</i>	3,094.99	
<i>For Class 56 Rating, Add</i>	4,105.03	
40 05 19 00-0409 EA 30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,720.73	1,673.74
<i>For Class 52 Rating, Deduct</i>	-1,560.32	
<i>For Class 54 Rating, Add</i>	2,158.15	
<i>For Class 55 Rating, Add</i>	3,224.06	
<i>For Class 56 Rating, Add</i>	4,275.80	
40 05 19 00-0410 EA 30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,304.90	1,677.71
<i>For Class 52 Rating, Deduct</i>	-1,623.92	
<i>For Class 54 Rating, Add</i>	2,244.94	
<i>For Class 55 Rating, Add</i>	3,353.14	
<i>For Class 56 Rating, Add</i>	4,446.57	
40 05 19 00-0411 EA 30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,889.07	1,681.67
<i>For Class 52 Rating, Deduct</i>	-1,687.52	
<i>For Class 54 Rating, Add</i>	2,331.74	
<i>For Class 55 Rating, Add</i>	3,482.21	
<i>For Class 56 Rating, Add</i>	4,617.35	
40 05 19 00-0412 EA 30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,473.24	1,685.64
<i>For Class 52 Rating, Deduct</i>	-1,751.12	
<i>For Class 54 Rating, Add</i>	2,418.53	
<i>For Class 55 Rating, Add</i>	3,611.29	
<i>For Class 56 Rating, Add</i>	4,788.12	
40 05 19 00-0413 EA 30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,057.40	1,689.61
<i>For Class 52 Rating, Deduct</i>	-1,814.71	
<i>For Class 54 Rating, Add</i>	2,505.33	
<i>For Class 55 Rating, Add</i>	3,740.36	
<i>For Class 56 Rating, Add</i>	4,958.89	
40 05 19 00-0414 EA 30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,641.56	1,693.57
<i>For Class 52 Rating, Deduct</i>	-1,878.31	
<i>For Class 54 Rating, Add</i>	2,592.12	
<i>For Class 55 Rating, Add</i>	3,869.43	
<i>For Class 56 Rating, Add</i>	5,129.66	
40 05 19 00-0415 EA 30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,225.74	1,697.54
<i>For Class 52 Rating, Deduct</i>	-1,941.91	
<i>For Class 54 Rating, Add</i>	2,678.92	
<i>For Class 55 Rating, Add</i>	3,998.51	
<i>For Class 56 Rating, Add</i>	5,300.44	
40 05 19 00-0416 EA 30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,809.90	1,701.51
<i>For Class 52 Rating, Deduct</i>	-2,005.51	
<i>For Class 54 Rating, Add</i>	2,765.72	
<i>For Class 55 Rating, Add</i>	4,127.58	
<i>For Class 56 Rating, Add</i>	5,471.21	
40 05 19 00-0417 EA 30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	21,394.08	1,705.47
<i>For Class 52 Rating, Deduct</i>	-2,069.10	
<i>For Class 54 Rating, Add</i>	2,852.51	
<i>For Class 55 Rating, Add</i>	4,256.65	
<i>For Class 56 Rating, Add</i>	5,641.98	
40 05 19 00-0418 EA 30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	21,978.23	1,709.43
<i>For Class 52 Rating, Deduct</i>	-2,132.70	
<i>For Class 54 Rating, Add</i>	2,939.31	
<i>For Class 55 Rating, Add</i>	4,385.73	
<i>For Class 56 Rating, Add</i>	5,812.75	
40 05 19 00-0419 EA 30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	22,562.41	1,713.41
<i>For Class 52 Rating, Deduct</i>	-2,196.30	
<i>For Class 54 Rating, Add</i>	3,026.10	
<i>For Class 55 Rating, Add</i>	4,514.80	
<i>For Class 56 Rating, Add</i>	5,983.53	
40 05 19 00-0420 EA 30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	23,146.57	1,717.37
<i>For Class 52 Rating, Deduct</i>	-2,259.90	
<i>For Class 54 Rating, Add</i>	3,112.90	
<i>For Class 55 Rating, Add</i>	4,643.87	
<i>For Class 56 Rating, Add</i>	6,154.30	
40 05 19 00-0421 EA 30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	23,730.75	1,721.33
<i>For Class 52 Rating, Deduct</i>	-2,323.49	
<i>For Class 54 Rating, Add</i>	3,199.70	
<i>For Class 55 Rating, Add</i>	4,772.95	
<i>For Class 56 Rating, Add</i>	6,325.08	
40 05 19 00-0422 EA 30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	24,314.91	1,725.30
<i>For Class 52 Rating, Deduct</i>	-2,387.09	
<i>For Class 54 Rating, Add</i>	3,286.49	
<i>For Class 55 Rating, Add</i>	4,902.02	
<i>For Class 56 Rating, Add</i>	6,495.85	
40 05 19 00-0423 EA 30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	24,896.73	1,729.27
<i>For Class 52 Rating, Deduct</i>	-2,450.43	
<i>For Class 54 Rating, Add</i>	3,372.94	
<i>For Class 55 Rating, Add</i>	5,030.57	
<i>For Class 56 Rating, Add</i>	6,665.93	
40 05 19 00-0424 EA 30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	25,483.24	1,733.24
<i>For Class 52 Rating, Deduct</i>	-2,514.28	
<i>For Class 54 Rating, Add</i>	3,460.08	
<i>For Class 55 Rating, Add</i>	5,160.17	
<i>For Class 56 Rating, Add</i>	6,837.39	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA	30"	Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	26,067.41	1,737.20
			<i>For Class 52 Rating, Deduct</i>	-2,577.88	
			<i>For Class 54 Rating, Add</i>	3,546.88	
			<i>For Class 55 Rating, Add</i>	5,289.24	
			<i>For Class 56 Rating, Add</i>	7,008.17	
40 05 19 00-0426	EA	30"	Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	26,651.58	1,741.16
			<i>For Class 52 Rating, Deduct</i>	-2,641.48	
			<i>For Class 54 Rating, Add</i>	3,633.68	
			<i>For Class 55 Rating, Add</i>	5,418.31	
			<i>For Class 56 Rating, Add</i>	7,178.94	
40 05 19 00-0427	EA	30"	Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	27,235.74	1,745.14
			<i>For Class 52 Rating, Deduct</i>	-2,705.08	
			<i>For Class 54 Rating, Add</i>	3,720.47	
			<i>For Class 55 Rating, Add</i>	5,547.39	
			<i>For Class 56 Rating, Add</i>	7,349.71	
40 05 19 00-0428	EA	30"	Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	27,819.91	1,749.10
			<i>For Class 52 Rating, Deduct</i>	-2,768.67	
			<i>For Class 54 Rating, Add</i>	3,807.27	
			<i>For Class 55 Rating, Add</i>	5,676.46	
			<i>For Class 56 Rating, Add</i>	7,520.48	
40 05 19 00-0429	EA	30"	Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,404.08	1,753.06
			<i>For Class 52 Rating, Deduct</i>	-2,832.27	
			<i>For Class 54 Rating, Add</i>	3,894.06	
			<i>For Class 55 Rating, Add</i>	5,805.53	
			<i>For Class 56 Rating, Add</i>	7,691.26	
40 05 19 00-0430	EA	30"	Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,988.25	1,757.04
			<i>For Class 52 Rating, Deduct</i>	-2,895.87	
			<i>For Class 54 Rating, Add</i>	3,980.86	
			<i>For Class 55 Rating, Add</i>	5,934.61	
			<i>For Class 56 Rating, Add</i>	7,862.03	
40 05 19 00-0431	EA	30"	Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	29,572.42	1,761.00
			<i>For Class 52 Rating, Deduct</i>	-2,959.47	
			<i>For Class 54 Rating, Add</i>	4,067.65	
			<i>For Class 55 Rating, Add</i>	6,063.68	
			<i>For Class 56 Rating, Add</i>	8,032.81	
40 05 19 00-0432	EA	30"	Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	30,156.58	1,764.96
			<i>For Class 52 Rating, Deduct</i>	-3,023.06	
			<i>For Class 54 Rating, Add</i>	4,154.45	
			<i>For Class 55 Rating, Add</i>	6,192.75	
			<i>For Class 56 Rating, Add</i>	8,203.58	
40 05 19 00-0433	EA	30"	Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	30,740.75	1,768.93
			<i>For Class 52 Rating, Deduct</i>	-3,086.66	
			<i>For Class 54 Rating, Add</i>	4,241.24	
			<i>For Class 55 Rating, Add</i>	6,321.83	
			<i>For Class 56 Rating, Add</i>	8,374.35	
40 05 19 00-0434	EA	30"	Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,324.91	1,772.90
			<i>For Class 52 Rating, Deduct</i>	-3,150.26	
			<i>For Class 54 Rating, Add</i>	4,328.04	
			<i>For Class 55 Rating, Add</i>	6,450.90	
			<i>For Class 56 Rating, Add</i>	8,545.12	
40 05 19 00-0435	EA	30"	Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,909.09	1,776.86
			<i>For Class 52 Rating, Deduct</i>	-3,213.86	
			<i>For Class 54 Rating, Add</i>	4,414.84	
			<i>For Class 55 Rating, Add</i>	6,579.98	
			<i>For Class 56 Rating, Add</i>	8,715.90	
40 05 19 00-0436	EA	30"	Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	32,493.24	1,780.83
			<i>For Class 52 Rating, Deduct</i>	-3,277.45	
			<i>For Class 54 Rating, Add</i>	4,501.63	
			<i>For Class 55 Rating, Add</i>	6,709.05	
			<i>For Class 56 Rating, Add</i>	8,886.67	
40 05 19 00-0437			<b>36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0438	EA	36"	Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,161.19	2,070.36
			<i>For Class 52 Rating, Deduct</i>	-1,322.67	
			<i>For Class 54 Rating, Add</i>	1,841.28	
			<i>For Class 55 Rating, Add</i>	2,756.70	
			<i>For Class 56 Rating, Add</i>	3,660.09	
40 05 19 00-0439	EA	36"	Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,953.69	2,074.33
			<i>For Class 52 Rating, Deduct</i>	-1,409.18	
			<i>For Class 54 Rating, Add</i>	1,959.33	
			<i>For Class 55 Rating, Add</i>	2,932.23	
			<i>For Class 56 Rating, Add</i>	3,892.32	
40 05 19 00-0440	EA	36"	Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,746.17	2,078.29
			<i>For Class 52 Rating, Deduct</i>	-1,495.70	
			<i>For Class 54 Rating, Add</i>	2,077.37	
			<i>For Class 55 Rating, Add</i>	3,107.76	
			<i>For Class 56 Rating, Add</i>	4,124.55	
40 05 19 00-0441	EA	36"	Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,538.66	2,082.26
			<i>For Class 52 Rating, Deduct</i>	-1,582.21	
			<i>For Class 54 Rating, Add</i>	2,195.42	
			<i>For Class 55 Rating, Add</i>	3,283.29	
			<i>For Class 56 Rating, Add</i>	4,356.78	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
<b>Ductile Iron Process Pipe 40 05 19</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442 EA 36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,331.16	2,086.23
<i>For Class 52 Rating, Deduct</i>	-1,668.72	
<i>For Class 54 Rating, Add</i>	2,313.46	
<i>For Class 55 Rating, Add</i>	3,458.82	
<i>For Class 56 Rating, Add</i>	4,589.01	
40 05 19 00-0443 EA 36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,123.65	2,090.20
<i>For Class 52 Rating, Deduct</i>	-1,755.24	
<i>For Class 54 Rating, Add</i>	2,431.51	
<i>For Class 55 Rating, Add</i>	3,634.35	
<i>For Class 56 Rating, Add</i>	4,821.23	
40 05 19 00-0444 EA 36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,916.14	2,094.16
<i>For Class 52 Rating, Deduct</i>	-1,841.75	
<i>For Class 54 Rating, Add</i>	2,549.55	
<i>For Class 55 Rating, Add</i>	3,809.88	
<i>For Class 56 Rating, Add</i>	5,053.46	
40 05 19 00-0445 EA 36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,708.63	2,098.12
<i>For Class 52 Rating, Deduct</i>	-1,928.26	
<i>For Class 54 Rating, Add</i>	2,667.60	
<i>For Class 55 Rating, Add</i>	3,985.41	
<i>For Class 56 Rating, Add</i>	5,285.69	
40 05 19 00-0446 EA 36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	21,501.12	2,102.10
<i>For Class 52 Rating, Deduct</i>	-2,014.77	
<i>For Class 54 Rating, Add</i>	2,785.64	
<i>For Class 55 Rating, Add</i>	4,160.94	
<i>For Class 56 Rating, Add</i>	5,517.92	
40 05 19 00-0447 EA 36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	22,293.62	2,106.06
<i>For Class 52 Rating, Deduct</i>	-2,101.29	
<i>For Class 54 Rating, Add</i>	2,903.69	
<i>For Class 55 Rating, Add</i>	4,336.47	
<i>For Class 56 Rating, Add</i>	5,750.15	
40 05 19 00-0448 EA 36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	23,086.11	2,110.02
<i>For Class 52 Rating, Deduct</i>	-2,187.80	
<i>For Class 54 Rating, Add</i>	3,021.73	
<i>For Class 55 Rating, Add</i>	4,512.00	
<i>For Class 56 Rating, Add</i>	5,982.38	
40 05 19 00-0449 EA 36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	23,878.60	2,113.99
<i>For Class 52 Rating, Deduct</i>	-2,274.31	
<i>For Class 54 Rating, Add</i>	3,139.77	
<i>For Class 55 Rating, Add</i>	4,687.53	
<i>For Class 56 Rating, Add</i>	6,214.60	
40 05 19 00-0450 EA 36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	24,671.08	2,117.96
<i>For Class 52 Rating, Deduct</i>	-2,360.83	
<i>For Class 54 Rating, Add</i>	3,257.82	
<i>For Class 55 Rating, Add</i>	4,863.06	
<i>For Class 56 Rating, Add</i>	6,446.83	
40 05 19 00-0451 EA 36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	25,463.58	2,121.92
<i>For Class 52 Rating, Deduct</i>	-2,447.34	
<i>For Class 54 Rating, Add</i>	3,375.86	
<i>For Class 55 Rating, Add</i>	5,038.59	
<i>For Class 56 Rating, Add</i>	6,679.06	
40 05 19 00-0452 EA 36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	26,256.07	2,125.89
<i>For Class 52 Rating, Deduct</i>	-2,533.85	
<i>For Class 54 Rating, Add</i>	3,493.91	
<i>For Class 55 Rating, Add</i>	5,214.12	
<i>For Class 56 Rating, Add</i>	6,911.29	
40 05 19 00-0453 EA 36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	27,048.57	2,129.85
<i>For Class 52 Rating, Deduct</i>	-2,620.37	
<i>For Class 54 Rating, Add</i>	3,611.95	
<i>For Class 55 Rating, Add</i>	5,389.65	
<i>For Class 56 Rating, Add</i>	7,143.52	
40 05 19 00-0454 EA 36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	27,841.05	2,133.82
<i>For Class 52 Rating, Deduct</i>	-2,706.88	
<i>For Class 54 Rating, Add</i>	3,730.00	
<i>For Class 55 Rating, Add</i>	5,565.18	
<i>For Class 56 Rating, Add</i>	7,375.75	
40 05 19 00-0455 EA 36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,633.55	2,137.79
<i>For Class 52 Rating, Deduct</i>	-2,793.39	
<i>For Class 54 Rating, Add</i>	3,848.04	
<i>For Class 55 Rating, Add</i>	5,740.70	
<i>For Class 56 Rating, Add</i>	7,607.98	
40 05 19 00-0456 EA 36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	29,426.03	2,141.75
<i>For Class 52 Rating, Deduct</i>	-2,879.90	
<i>For Class 54 Rating, Add</i>	3,966.08	
<i>For Class 55 Rating, Add</i>	5,916.23	
<i>For Class 56 Rating, Add</i>	7,840.20	
40 05 19 00-0457 EA 36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	30,218.54	2,145.73
<i>For Class 52 Rating, Deduct</i>	-2,966.42	
<i>For Class 54 Rating, Add</i>	4,084.13	
<i>For Class 55 Rating, Add</i>	6,091.77	
<i>For Class 56 Rating, Add</i>	8,072.43	
40 05 19 00-0458 EA 36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,011.02	2,149.69
<i>For Class 52 Rating, Deduct</i>	-3,052.93	
<i>For Class 54 Rating, Add</i>	4,202.17	
<i>For Class 55 Rating, Add</i>	6,267.29	
<i>For Class 56 Rating, Add</i>	8,304.66	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA		36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,803.51	2,153.65
			<i>For Class 52 Rating, Deduct</i>	-3,139.44	
			<i>For Class 54 Rating, Add</i>	4,320.22	
			<i>For Class 55 Rating, Add</i>	6,442.82	
			<i>For Class 56 Rating, Add</i>	8,536.89	
40 05 19 00-0460	EA		36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	32,596.00	2,157.62
			<i>For Class 52 Rating, Deduct</i>	-3,225.96	
			<i>For Class 54 Rating, Add</i>	4,438.26	
			<i>For Class 55 Rating, Add</i>	6,618.35	
			<i>For Class 56 Rating, Add</i>	8,769.12	
40 05 19 00-0461	EA		36" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	33,388.49	2,161.59
			<i>For Class 52 Rating, Deduct</i>	-3,312.47	
			<i>For Class 54 Rating, Add</i>	4,556.31	
			<i>For Class 55 Rating, Add</i>	6,793.88	
			<i>For Class 56 Rating, Add</i>	9,001.35	
40 05 19 00-0462	EA		36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	34,180.98	2,165.55
			<i>For Class 52 Rating, Deduct</i>	-3,398.98	
			<i>For Class 54 Rating, Add</i>	4,674.35	
			<i>For Class 55 Rating, Add</i>	6,969.41	
			<i>For Class 56 Rating, Add</i>	9,233.57	
40 05 19 00-0463	EA		36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	34,973.48	2,169.52
			<i>For Class 52 Rating, Deduct</i>	-3,485.50	
			<i>For Class 54 Rating, Add</i>	4,792.40	
			<i>For Class 55 Rating, Add</i>	7,144.94	
			<i>For Class 56 Rating, Add</i>	9,465.80	
40 05 19 00-0464	EA		36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	35,765.97	2,173.48
			<i>For Class 52 Rating, Deduct</i>	-3,572.01	
			<i>For Class 54 Rating, Add</i>	4,910.44	
			<i>For Class 55 Rating, Add</i>	7,320.47	
			<i>For Class 56 Rating, Add</i>	9,698.03	
40 05 19 00-0465	EA		36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	36,558.46	2,177.45
			<i>For Class 52 Rating, Deduct</i>	-3,658.52	
			<i>For Class 54 Rating, Add</i>	5,028.48	
			<i>For Class 55 Rating, Add</i>	7,496.00	
			<i>For Class 56 Rating, Add</i>	9,930.26	
40 05 19 00-0466	EA		36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	37,350.95	2,181.42
			<i>For Class 52 Rating, Deduct</i>	-3,745.03	
			<i>For Class 54 Rating, Add</i>	5,146.53	
			<i>For Class 55 Rating, Add</i>	7,671.53	
			<i>For Class 56 Rating, Add</i>	10,162.49	
40 05 19 00-0467	EA		36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	38,143.44	2,185.38
			<i>For Class 52 Rating, Deduct</i>	-3,831.55	
			<i>For Class 54 Rating, Add</i>	5,264.57	
			<i>For Class 55 Rating, Add</i>	7,847.06	
			<i>For Class 56 Rating, Add</i>	10,394.72	
40 05 19 00-0468	EA		36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	38,935.94	2,189.34
			<i>For Class 52 Rating, Deduct</i>	-3,918.06	
			<i>For Class 54 Rating, Add</i>	5,382.62	
			<i>For Class 55 Rating, Add</i>	8,022.59	
			<i>For Class 56 Rating, Add</i>	10,626.95	
40 05 19 00-0469	EA		36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	39,728.43	2,193.32
			<i>For Class 52 Rating, Deduct</i>	-4,004.57	
			<i>For Class 54 Rating, Add</i>	5,500.66	
			<i>For Class 55 Rating, Add</i>	8,198.12	
			<i>For Class 56 Rating, Add</i>	10,859.18	
40 05 19 00-0470	EA		36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	40,520.91	2,197.28
			<i>For Class 52 Rating, Deduct</i>	-4,091.09	
			<i>For Class 54 Rating, Add</i>	5,618.71	
			<i>For Class 55 Rating, Add</i>	8,373.65	
			<i>For Class 56 Rating, Add</i>	11,091.40	
40 05 19 00-0471	EA		36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	41,313.41	2,201.25
			<i>For Class 52 Rating, Deduct</i>	-4,177.60	
			<i>For Class 54 Rating, Add</i>	5,736.75	
			<i>For Class 55 Rating, Add</i>	8,549.18	
			<i>For Class 56 Rating, Add</i>	11,323.63	
40 05 19 00-0472	EA		36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	42,105.89	2,205.22
			<i>For Class 52 Rating, Deduct</i>	-4,264.11	
			<i>For Class 54 Rating, Add</i>	5,854.79	
			<i>For Class 55 Rating, Add</i>	8,724.71	
			<i>For Class 56 Rating, Add</i>	11,555.86	
40 05 19 00-0473	EA		36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	42,898.40	2,209.18
			<i>For Class 52 Rating, Deduct</i>	-4,350.63	
			<i>For Class 54 Rating, Add</i>	5,972.84	
			<i>For Class 55 Rating, Add</i>	8,900.24	
			<i>For Class 56 Rating, Add</i>	11,788.09	
40 05 19 00-0474	EA		36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	43,690.88	2,213.15
			<i>For Class 52 Rating, Deduct</i>	-4,437.14	
			<i>For Class 54 Rating, Add</i>	6,090.88	
			<i>For Class 55 Rating, Add</i>	9,075.77	
			<i>For Class 56 Rating, Add</i>	12,020.32	
40 05 19 00-0475	EA		36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	44,483.38	2,217.11
			<i>For Class 52 Rating, Deduct</i>	-4,523.65	
			<i>For Class 54 Rating, Add</i>	6,208.93	
			<i>For Class 55 Rating, Add</i>	9,251.30	
			<i>For Class 56 Rating, Add</i>	12,252.55	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 19 00-0476 42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small></b>		
40 05 19 00-0477 EA 42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	19,995.14	2,609.77
<i>For Class 52 Rating, Deduct</i>	-1,764.50	
<i>For Class 54 Rating, Add</i>	2,453.59	
<i>For Class 55 Rating, Add</i>	3,672.03	
<i>For Class 56 Rating, Add</i>	4,874.43	
40 05 19 00-0478 EA 42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	21,176.20	2,613.74
<i>For Class 52 Rating, Deduct</i>	-1,893.76	
<i>For Class 54 Rating, Add</i>	2,629.92	
<i>For Class 55 Rating, Add</i>	3,934.21	
<i>For Class 56 Rating, Add</i>	5,221.29	
40 05 19 00-0479 EA 42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	22,343.20	2,617.70
<i>For Class 52 Rating, Deduct</i>	-2,021.47	
<i>For Class 54 Rating, Add</i>	2,804.14	
<i>For Class 55 Rating, Add</i>	4,193.26	
<i>For Class 56 Rating, Add</i>	5,564.00	
40 05 19 00-0480 EA 42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	23,521.91	2,621.66
<i>For Class 52 Rating, Deduct</i>	-2,150.47	
<i>For Class 54 Rating, Add</i>	2,980.12	
<i>For Class 55 Rating, Add</i>	4,454.91	
<i>For Class 56 Rating, Add</i>	5,910.16	
40 05 19 00-0481 EA 42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	24,688.92	2,625.64
<i>For Class 52 Rating, Deduct</i>	-2,278.18	
<i>For Class 54 Rating, Add</i>	3,154.34	
<i>For Class 55 Rating, Add</i>	4,713.96	
<i>For Class 56 Rating, Add</i>	6,252.87	
40 05 19 00-0482 EA 42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	25,869.97	2,629.60
<i>For Class 52 Rating, Deduct</i>	-2,407.43	
<i>For Class 54 Rating, Add</i>	3,330.67	
<i>For Class 55 Rating, Add</i>	4,976.14	
<i>For Class 56 Rating, Add</i>	6,599.72	
40 05 19 00-0483 EA 42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	27,034.64	2,633.56
<i>For Class 52 Rating, Deduct</i>	-2,534.88	
<i>For Class 54 Rating, Add</i>	3,504.54	
<i>For Class 55 Rating, Add</i>	5,234.66	
<i>For Class 56 Rating, Add</i>	6,941.74	
40 05 19 00-0484 EA 42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	28,215.69	2,637.53
<i>For Class 52 Rating, Deduct</i>	-2,664.14	
<i>For Class 54 Rating, Add</i>	3,680.87	
<i>For Class 55 Rating, Add</i>	5,496.84	
<i>For Class 56 Rating, Add</i>	7,288.60	
40 05 19 00-0485 EA 42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	29,382.70	2,641.50
<i>For Class 52 Rating, Deduct</i>	-2,791.85	
<i>For Class 54 Rating, Add</i>	3,855.09	
<i>For Class 55 Rating, Add</i>	5,755.89	
<i>For Class 56 Rating, Add</i>	7,631.31	
40 05 19 00-0486 EA 42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	30,561.41	2,645.46
<i>For Class 52 Rating, Deduct</i>	-2,920.84	
<i>For Class 54 Rating, Add</i>	4,031.07	
<i>For Class 55 Rating, Add</i>	6,017.55	
<i>For Class 56 Rating, Add</i>	7,977.47	
40 05 19 00-0487 EA 42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	31,728.41	2,649.43
<i>For Class 52 Rating, Deduct</i>	-3,048.55	
<i>For Class 54 Rating, Add</i>	4,205.29	
<i>For Class 55 Rating, Add</i>	6,276.59	
<i>For Class 56 Rating, Add</i>	8,320.18	
40 05 19 00-0488 EA 42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	32,907.13	2,653.39
<i>For Class 52 Rating, Deduct</i>	-3,177.55	
<i>For Class 54 Rating, Add</i>	4,381.27	
<i>For Class 55 Rating, Add</i>	6,538.25	
<i>For Class 56 Rating, Add</i>	8,666.35	
40 05 19 00-0489 EA 42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	34,074.12	2,657.36
<i>For Class 52 Rating, Deduct</i>	-3,305.26	
<i>For Class 54 Rating, Add</i>	4,555.49	
<i>For Class 55 Rating, Add</i>	6,797.30	
<i>For Class 56 Rating, Add</i>	9,009.05	
40 05 19 00-0490 EA 42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	35,243.48	2,661.33
<i>For Class 52 Rating, Deduct</i>	-3,433.23	
<i>For Class 54 Rating, Add</i>	4,730.06	
<i>For Class 55 Rating, Add</i>	7,056.86	
<i>For Class 56 Rating, Add</i>	9,352.46	
40 05 19 00-0491 EA 42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	36,419.84	2,665.29
<i>For Class 52 Rating, Deduct</i>	-3,561.97	
<i>For Class 54 Rating, Add</i>	4,905.69	
<i>For Class 55 Rating, Add</i>	7,318.00	
<i>For Class 56 Rating, Add</i>	9,697.93	
40 05 19 00-0492 EA 42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	37,586.86	2,669.27
<i>For Class 52 Rating, Deduct</i>	-3,689.68	
<i>For Class 54 Rating, Add</i>	5,079.91	
<i>For Class 55 Rating, Add</i>	7,577.05	
<i>For Class 56 Rating, Add</i>	10,040.64	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0493	EA		42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	38,767.90	2,673.23
			<i>For Class 52 Rating, Deduct</i>	-3,818.93	
			<i>For Class 54 Rating, Add</i>	5,256.24	
			<i>For Class 55 Rating, Add</i>	7,839.22	
			<i>For Class 56 Rating, Add</i>	10,387.49	
40 05 19 00-0494	EA		42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	39,934.92	2,677.19
			<i>For Class 52 Rating, Deduct</i>	-3,946.64	
			<i>For Class 54 Rating, Add</i>	5,430.46	
			<i>For Class 55 Rating, Add</i>	8,098.27	
			<i>For Class 56 Rating, Add</i>	10,730.20	
40 05 19 00-0495	EA		42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	41,113.62	2,681.16
			<i>For Class 52 Rating, Deduct</i>	-4,075.64	
			<i>For Class 54 Rating, Add</i>	5,606.44	
			<i>For Class 55 Rating, Add</i>	8,359.93	
			<i>For Class 56 Rating, Add</i>	11,076.37	
40 05 19 00-0496	EA		42" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	42,280.63	2,685.13
			<i>For Class 52 Rating, Deduct</i>	-4,203.35	
			<i>For Class 54 Rating, Add</i>	5,780.66	
			<i>For Class 55 Rating, Add</i>	8,618.97	
			<i>For Class 56 Rating, Add</i>	11,419.08	
40 05 19 00-0497	EA		42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	43,461.68	2,689.09
			<i>For Class 52 Rating, Deduct</i>	-4,332.60	
			<i>For Class 54 Rating, Add</i>	5,956.99	
			<i>For Class 55 Rating, Add</i>	8,881.15	
			<i>For Class 56 Rating, Add</i>	11,765.93	
40 05 19 00-0498	EA		42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	44,628.68	2,693.06
			<i>For Class 52 Rating, Deduct</i>	-4,460.31	
			<i>For Class 54 Rating, Add</i>	6,131.21	
			<i>For Class 55 Rating, Add</i>	9,140.20	
			<i>For Class 56 Rating, Add</i>	12,108.64	
40 05 19 00-0499	EA		42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	45,807.39	2,697.02
			<i>For Class 52 Rating, Deduct</i>	-4,589.31	
			<i>For Class 54 Rating, Add</i>	6,307.19	
			<i>For Class 55 Rating, Add</i>	9,401.85	
			<i>For Class 56 Rating, Add</i>	12,454.80	
40 05 19 00-0500	EA		42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	46,974.40	2,700.99
			<i>For Class 52 Rating, Deduct</i>	-4,717.02	
			<i>For Class 54 Rating, Add</i>	6,481.41	
			<i>For Class 55 Rating, Add</i>	9,660.90	
			<i>For Class 56 Rating, Add</i>	12,797.51	
40 05 19 00-0501	EA		42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	48,155.45	2,704.96
			<i>For Class 52 Rating, Deduct</i>	-4,846.27	
			<i>For Class 54 Rating, Add</i>	6,657.74	
			<i>For Class 55 Rating, Add</i>	9,923.08	
			<i>For Class 56 Rating, Add</i>	13,144.37	
40 05 19 00-0502	EA		42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	49,322.46	2,708.92
			<i>For Class 52 Rating, Deduct</i>	-4,973.98	
			<i>For Class 54 Rating, Add</i>	6,831.96	
			<i>For Class 55 Rating, Add</i>	10,182.13	
			<i>For Class 56 Rating, Add</i>	13,487.08	
40 05 19 00-0503	EA		42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	50,498.83	2,712.88
			<i>For Class 52 Rating, Deduct</i>	-5,102.72	
			<i>For Class 54 Rating, Add</i>	7,007.58	
			<i>For Class 55 Rating, Add</i>	10,443.26	
			<i>For Class 56 Rating, Add</i>	13,832.55	
40 05 19 00-0504	EA		42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	51,668.18	2,716.86
			<i>For Class 52 Rating, Deduct</i>	-5,230.69	
			<i>For Class 54 Rating, Add</i>	7,182.16	
			<i>For Class 55 Rating, Add</i>	10,702.83	
			<i>For Class 56 Rating, Add</i>	14,175.95	
40 05 19 00-0505	EA		42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	52,601.11	2,720.82
			<i>For Class 52 Rating, Deduct</i>	-5,332.65	
			<i>For Class 54 Rating, Add</i>	7,321.27	
			<i>For Class 55 Rating, Add</i>	10,909.68	
			<i>For Class 56 Rating, Add</i>	14,449.61	
40 05 19 00-0506	EA		42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	54,013.89	2,724.79
			<i>For Class 52 Rating, Deduct</i>	-5,487.40	
			<i>For Class 54 Rating, Add</i>	7,532.35	
			<i>For Class 55 Rating, Add</i>	11,223.53	
			<i>For Class 56 Rating, Add</i>	14,864.82	
40 05 19 00-0507	EA		42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	55,180.89	2,728.76
			<i>For Class 52 Rating, Deduct</i>	-5,615.11	
			<i>For Class 54 Rating, Add</i>	7,706.58	
			<i>For Class 55 Rating, Add</i>	11,482.58	
			<i>For Class 56 Rating, Add</i>	15,207.53	
40 05 19 00-0508	EA		42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	56,359.61	2,732.72
			<i>For Class 52 Rating, Deduct</i>	-5,744.10	
			<i>For Class 54 Rating, Add</i>	7,882.55	
			<i>For Class 55 Rating, Add</i>	11,744.24	
			<i>For Class 56 Rating, Add</i>	15,553.70	
40 05 19 00-0509	EA		42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	57,526.61	2,736.69
			<i>For Class 52 Rating, Deduct</i>	-5,871.81	
			<i>For Class 54 Rating, Add</i>	8,056.78	
			<i>For Class 55 Rating, Add</i>	12,003.28	
			<i>For Class 56 Rating, Add</i>	15,896.41	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0510 EA 42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	58,707.67	2,740.65
<i>For Class 52 Rating, Deduct</i>	-6,001.07	
<i>For Class 54 Rating, Add</i>	8,233.10	
<i>For Class 55 Rating, Add</i>	12,265.46	
<i>For Class 56 Rating, Add</i>	16,243.26	
40 05 19 00-0511 EA 42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	59,872.33	2,744.62
<i>For Class 52 Rating, Deduct</i>	-6,128.52	
<i>For Class 54 Rating, Add</i>	8,406.98	
<i>For Class 55 Rating, Add</i>	12,523.99	
<i>For Class 56 Rating, Add</i>	16,585.28	
40 05 19 00-0512 EA 42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	61,053.39	2,748.59
<i>For Class 52 Rating, Deduct</i>	-6,257.77	
<i>For Class 54 Rating, Add</i>	8,583.30	
<i>For Class 55 Rating, Add</i>	12,786.16	
<i>For Class 56 Rating, Add</i>	16,932.14	
40 05 19 00-0513 EA 42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	62,220.39	2,752.55
<i>For Class 52 Rating, Deduct</i>	-6,385.48	
<i>For Class 54 Rating, Add</i>	8,757.53	
<i>For Class 55 Rating, Add</i>	13,045.21	
<i>For Class 56 Rating, Add</i>	17,274.85	
40 05 19 00-0514 EA 42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	63,399.11	2,756.51
<i>For Class 52 Rating, Deduct</i>	-6,514.48	
<i>For Class 54 Rating, Add</i>	8,933.50	
<i>For Class 55 Rating, Add</i>	13,306.87	
<i>For Class 56 Rating, Add</i>	17,621.01	
<b>40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0002)</small>		
40 05 19 00-0516 EA 48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	25,081.26	3,280.05
<i>For Class 52 Rating, Deduct</i>	-2,212.26	
<i>For Class 54 Rating, Add</i>	3,076.36	
<i>For Class 55 Rating, Add</i>	4,604.13	
<i>For Class 56 Rating, Add</i>	6,111.80	
40 05 19 00-0517 EA 48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	26,798.32	3,284.03
<i>For Class 52 Rating, Deduct</i>	-2,400.48	
<i>For Class 54 Rating, Add</i>	3,333.09	
<i>For Class 55 Rating, Add</i>	4,985.84	
<i>For Class 56 Rating, Add</i>	6,616.77	
40 05 19 00-0518 EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,513.07	3,287.99
<i>For Class 52 Rating, Deduct</i>	-2,588.44	
<i>For Class 54 Rating, Add</i>	3,589.47	
<i>For Class 55 Rating, Add</i>	5,367.03	
<i>For Class 56 Rating, Add</i>	7,121.07	
40 05 19 00-0519 EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	30,241.84	3,291.95
<i>For Class 52 Rating, Deduct</i>	-2,777.94	
<i>For Class 54 Rating, Add</i>	3,847.96	
<i>For Class 55 Rating, Add</i>	5,751.36	
<i>For Class 56 Rating, Add</i>	7,629.50	
40 05 19 00-0520 EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,958.92	3,295.92
<i>For Class 52 Rating, Deduct</i>	-2,966.16	
<i>For Class 54 Rating, Add</i>	4,104.69	
<i>For Class 55 Rating, Add</i>	6,133.07	
<i>For Class 56 Rating, Add</i>	8,134.48	
40 05 19 00-0521 EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	33,675.99	3,299.89
<i>For Class 52 Rating, Deduct</i>	-3,154.38	
<i>For Class 54 Rating, Add</i>	4,361.42	
<i>For Class 55 Rating, Add</i>	6,514.78	
<i>For Class 56 Rating, Add</i>	8,639.46	
40 05 19 00-0522 EA 48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	35,402.43	3,303.85
<i>For Class 52 Rating, Deduct</i>	-3,343.62	
<i>For Class 54 Rating, Add</i>	4,619.56	
<i>For Class 55 Rating, Add</i>	6,898.58	
<i>For Class 56 Rating, Add</i>	9,147.20	
40 05 19 00-0523 EA 48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	37,121.85	3,307.82
<i>For Class 52 Rating, Deduct</i>	-3,532.10	
<i>For Class 54 Rating, Add</i>	4,876.64	
<i>For Class 55 Rating, Add</i>	7,280.81	
<i>For Class 56 Rating, Add</i>	9,652.88	
40 05 19 00-0524 EA 48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	38,836.58	3,311.79
<i>For Class 52 Rating, Deduct</i>	-3,720.06	
<i>For Class 54 Rating, Add</i>	5,133.02	
<i>For Class 55 Rating, Add</i>	7,662.00	
<i>For Class 56 Rating, Add</i>	10,157.17	
40 05 19 00-0525 EA 48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	40,565.36	3,315.76
<i>For Class 52 Rating, Deduct</i>	-3,909.56	
<i>For Class 54 Rating, Add</i>	5,391.51	
<i>For Class 55 Rating, Add</i>	8,046.33	
<i>For Class 56 Rating, Add</i>	10,665.60	
40 05 19 00-0526 EA 48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	42,282.44	3,319.72
<i>For Class 52 Rating, Deduct</i>	-4,097.78	
<i>For Class 54 Rating, Add</i>	5,648.24	
<i>For Class 55 Rating, Add</i>	8,428.04	
<i>For Class 56 Rating, Add</i>	11,170.58	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0527	EA		48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	44,011.22	3,323.68
			<i>For Class 52 Rating, Deduct</i>	-4,287.29	
			<i>For Class 54 Rating, Add</i>	5,906.73	
			<i>For Class 55 Rating, Add</i>	8,812.36	
			<i>For Class 56 Rating, Add</i>	11,679.01	
40 05 19 00-0528	EA		48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	45,725.95	3,327.66
			<i>For Class 52 Rating, Deduct</i>	-4,475.25	
			<i>For Class 54 Rating, Add</i>	6,163.11	
			<i>For Class 55 Rating, Add</i>	9,193.55	
			<i>For Class 56 Rating, Add</i>	12,183.30	
40 05 19 00-0529	EA		48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	47,443.03	3,331.62
			<i>For Class 52 Rating, Deduct</i>	-4,663.46	
			<i>For Class 54 Rating, Add</i>	6,419.84	
			<i>For Class 55 Rating, Add</i>	9,575.26	
			<i>For Class 56 Rating, Add</i>	12,688.29	
40 05 19 00-0530	EA		48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	49,171.80	3,335.58
			<i>For Class 52 Rating, Deduct</i>	-4,852.97	
			<i>For Class 54 Rating, Add</i>	6,678.33	
			<i>For Class 55 Rating, Add</i>	9,959.58	
			<i>For Class 56 Rating, Add</i>	13,196.72	
40 05 19 00-0531	EA		48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	50,888.89	3,339.55
			<i>For Class 52 Rating, Deduct</i>	-5,041.19	
			<i>For Class 54 Rating, Add</i>	6,935.06	
			<i>For Class 55 Rating, Add</i>	10,341.30	
			<i>For Class 56 Rating, Add</i>	13,701.70	
40 05 19 00-0532	EA		48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	52,603.61	3,343.52
			<i>For Class 52 Rating, Deduct</i>	-5,229.14	
			<i>For Class 54 Rating, Add</i>	7,191.44	
			<i>For Class 55 Rating, Add</i>	10,722.48	
			<i>For Class 56 Rating, Add</i>	14,205.99	
40 05 19 00-0533	EA		48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	54,332.39	3,347.48
			<i>For Class 52 Rating, Deduct</i>	-5,418.65	
			<i>For Class 54 Rating, Add</i>	7,449.93	
			<i>For Class 55 Rating, Add</i>	11,106.81	
			<i>For Class 56 Rating, Add</i>	14,714.42	
40 05 19 00-0534	EA		48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	56,049.47	3,351.45
			<i>For Class 52 Rating, Deduct</i>	-5,606.87	
			<i>For Class 54 Rating, Add</i>	7,706.66	
			<i>For Class 55 Rating, Add</i>	11,488.52	
			<i>For Class 56 Rating, Add</i>	15,219.40	
40 05 19 00-0535	EA		48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	57,764.20	3,355.41
			<i>For Class 52 Rating, Deduct</i>	-5,794.83	
			<i>For Class 54 Rating, Add</i>	7,963.04	
			<i>For Class 55 Rating, Add</i>	11,869.71	
			<i>For Class 56 Rating, Add</i>	15,723.69	
40 05 19 00-0536	EA		48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	59,492.98	3,359.38
			<i>For Class 52 Rating, Deduct</i>	-5,984.33	
			<i>For Class 54 Rating, Add</i>	8,221.53	
			<i>For Class 55 Rating, Add</i>	12,254.03	
			<i>For Class 56 Rating, Add</i>	16,232.13	
40 05 19 00-0537	EA		48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	61,212.40	3,363.35
			<i>For Class 52 Rating, Deduct</i>	-6,172.81	
			<i>For Class 54 Rating, Add</i>	8,478.61	
			<i>For Class 55 Rating, Add</i>	12,636.27	
			<i>For Class 56 Rating, Add</i>	16,737.80	
40 05 19 00-0538	EA		48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	62,927.14	3,367.31
			<i>For Class 52 Rating, Deduct</i>	-6,360.77	
			<i>For Class 54 Rating, Add</i>	8,735.00	
			<i>For Class 55 Rating, Add</i>	13,017.46	
			<i>For Class 56 Rating, Add</i>	17,242.09	
40 05 19 00-0539	EA		48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	64,655.92	3,371.28
			<i>For Class 52 Rating, Deduct</i>	-6,550.27	
			<i>For Class 54 Rating, Add</i>	8,993.48	
			<i>For Class 55 Rating, Add</i>	13,401.78	
			<i>For Class 56 Rating, Add</i>	17,750.52	
40 05 19 00-0540	EA		48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	66,372.99	3,375.25
			<i>For Class 52 Rating, Deduct</i>	-6,738.49	
			<i>For Class 54 Rating, Add</i>	9,250.22	
			<i>For Class 55 Rating, Add</i>	13,783.49	
			<i>For Class 56 Rating, Add</i>	18,255.50	
40 05 19 00-0541	EA		48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	68,087.73	3,379.21
			<i>For Class 52 Rating, Deduct</i>	-6,926.45	
			<i>For Class 54 Rating, Add</i>	9,506.60	
			<i>For Class 55 Rating, Add</i>	14,164.68	
			<i>For Class 56 Rating, Add</i>	18,759.80	
40 05 19 00-0542	EA		48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	69,816.50	3,383.18
			<i>For Class 52 Rating, Deduct</i>	-7,115.95	
			<i>For Class 54 Rating, Add</i>	9,765.08	
			<i>For Class 55 Rating, Add</i>	14,549.00	
			<i>For Class 56 Rating, Add</i>	19,268.23	
40 05 19 00-0543	EA		48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	71,533.58	3,387.15
			<i>For Class 52 Rating, Deduct</i>	-7,304.17	
			<i>For Class 54 Rating, Add</i>	10,021.82	
			<i>For Class 55 Rating, Add</i>	14,930.71	
			<i>For Class 56 Rating, Add</i>	19,773.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0544 EA 48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	73,039.99	3,391.11
<i>For Class 52 Rating, Deduct</i>	-7,469.21	
<i>For Class 54 Rating, Add</i>	10,246.95	
<i>For Class 55 Rating, Add</i>	15,265.45	
<i>For Class 56 Rating, Add</i>	20,216.04	
40 05 19 00-0545 EA 48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	74,979.44	3,395.08
<i>For Class 52 Rating, Deduct</i>	-7,681.89	
<i>For Class 54 Rating, Add</i>	10,537.04	
<i>For Class 55 Rating, Add</i>	15,696.75	
<i>For Class 56 Rating, Add</i>	20,786.62	
40 05 19 00-0546 EA 48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	76,694.17	3,399.04
<i>For Class 52 Rating, Deduct</i>	-7,869.85	
<i>For Class 54 Rating, Add</i>	10,793.42	
<i>For Class 55 Rating, Add</i>	16,077.94	
<i>For Class 56 Rating, Add</i>	21,290.91	
40 05 19 00-0547 EA 48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	78,425.30	3,403.01
<i>For Class 52 Rating, Deduct</i>	-8,059.61	
<i>For Class 54 Rating, Add</i>	11,052.26	
<i>For Class 55 Rating, Add</i>	16,462.78	
<i>For Class 56 Rating, Add</i>	21,800.04	
40 05 19 00-0548 EA 48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	80,140.02	3,406.98
<i>For Class 52 Rating, Deduct</i>	-8,247.57	
<i>For Class 54 Rating, Add</i>	11,308.64	
<i>For Class 55 Rating, Add</i>	16,843.97	
<i>For Class 56 Rating, Add</i>	22,304.33	
40 05 19 00-0549 EA 48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	81,854.77	3,410.94
<i>For Class 52 Rating, Deduct</i>	-8,435.53	
<i>For Class 54 Rating, Add</i>	11,565.02	
<i>For Class 55 Rating, Add</i>	17,225.16	
<i>For Class 56 Rating, Add</i>	22,808.62	
40 05 19 00-0550 EA 48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	83,585.88	3,414.90
<i>For Class 52 Rating, Deduct</i>	-8,625.30	
<i>For Class 54 Rating, Add</i>	11,823.86	
<i>For Class 55 Rating, Add</i>	17,610.01	
<i>For Class 56 Rating, Add</i>	23,317.74	
40 05 19 00-0551 EA 48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	85,300.61	3,418.88
<i>For Class 52 Rating, Deduct</i>	-8,813.26	
<i>For Class 54 Rating, Add</i>	12,080.24	
<i>For Class 55 Rating, Add</i>	17,991.19	
<i>For Class 56 Rating, Add</i>	23,822.03	
40 05 19 00-0552 EA 48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	87,017.69	3,422.84
<i>For Class 52 Rating, Deduct</i>	-9,001.47	
<i>For Class 54 Rating, Add</i>	12,336.97	
<i>For Class 55 Rating, Add</i>	18,372.91	
<i>For Class 56 Rating, Add</i>	24,327.01	
40 05 19 00-0553 EA 48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	88,746.47	3,426.81
<i>For Class 52 Rating, Deduct</i>	-9,190.98	
<i>For Class 54 Rating, Add</i>	12,595.46	
<i>For Class 55 Rating, Add</i>	18,757.23	
<i>For Class 56 Rating, Add</i>	24,835.45	
 40 05 19 00-0554 Flanged End x Grooved End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
40 05 19 00-0555 4" Flanged End x Grooved End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0556 EA 4" Flanged x Grooved (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	672.91	181.50
<i>For Class 52 Rating, Deduct</i>	-43.77	
<i>For Class 54 Rating, Add</i>	62.99	
<i>For Class 55 Rating, Add</i>	95.34	
<i>For Class 56 Rating, Add</i>	127.29	
40 05 19 00-0557 EA 4" Flanged x Grooved (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	738.58	184.67
<i>For Class 52 Rating, Deduct</i>	-50.47	
<i>For Class 54 Rating, Add</i>	72.17	
<i>For Class 55 Rating, Add</i>	109.02	
<i>For Class 56 Rating, Add</i>	145.41	
40 05 19 00-0558 EA 4" Flanged x Grooved (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	804.25	187.85
<i>For Class 52 Rating, Deduct</i>	-57.16	
<i>For Class 54 Rating, Add</i>	81.36	
<i>For Class 55 Rating, Add</i>	122.71	
<i>For Class 56 Rating, Add</i>	163.54	
40 05 19 00-0559 EA 4" Flanged x Grooved (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	869.91	191.01
<i>For Class 52 Rating, Deduct</i>	-63.86	
<i>For Class 54 Rating, Add</i>	90.55	
<i>For Class 55 Rating, Add</i>	136.40	
<i>For Class 56 Rating, Add</i>	181.67	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0560	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		935.58	194.18
		<i>For Class 52 Rating, Deduct</i>		-70.55	
		<i>For Class 54 Rating, Add</i>		99.73	
		<i>For Class 55 Rating, Add</i>		150.08	
		<i>For Class 56 Rating, Add</i>		199.79	
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,001.24	197.36
		<i>For Class 52 Rating, Deduct</i>		-77.24	
		<i>For Class 54 Rating, Add</i>		108.92	
		<i>For Class 55 Rating, Add</i>		163.77	
		<i>For Class 56 Rating, Add</i>		217.92	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,066.91	200.53
		<i>For Class 52 Rating, Deduct</i>		-83.94	
		<i>For Class 54 Rating, Add</i>		118.11	
		<i>For Class 55 Rating, Add</i>		177.46	
		<i>For Class 56 Rating, Add</i>		236.04	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,132.58	203.71
		<i>For Class 52 Rating, Deduct</i>		-90.63	
		<i>For Class 54 Rating, Add</i>		127.29	
		<i>For Class 55 Rating, Add</i>		191.14	
		<i>For Class 56 Rating, Add</i>		254.17	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,198.24	206.88
		<i>For Class 52 Rating, Deduct</i>		-97.33	
		<i>For Class 54 Rating, Add</i>		136.48	
		<i>For Class 55 Rating, Add</i>		204.83	
		<i>For Class 56 Rating, Add</i>		272.30	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,263.91	210.06
		<i>For Class 52 Rating, Deduct</i>		-104.02	
		<i>For Class 54 Rating, Add</i>		145.67	
		<i>For Class 55 Rating, Add</i>		218.52	
		<i>For Class 56 Rating, Add</i>		290.42	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,329.57	213.23
		<i>For Class 52 Rating, Deduct</i>		-110.72	
		<i>For Class 54 Rating, Add</i>		154.85	
		<i>For Class 55 Rating, Add</i>		232.21	
		<i>For Class 56 Rating, Add</i>		308.55	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,395.24	216.40
		<i>For Class 52 Rating, Deduct</i>		-117.41	
		<i>For Class 54 Rating, Add</i>		164.04	
		<i>For Class 55 Rating, Add</i>		245.89	
		<i>For Class 56 Rating, Add</i>		326.68	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,460.92	219.57
		<i>For Class 52 Rating, Deduct</i>		-124.11	
		<i>For Class 54 Rating, Add</i>		173.23	
		<i>For Class 55 Rating, Add</i>		259.58	
		<i>For Class 56 Rating, Add</i>		344.80	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,526.58	222.74
		<i>For Class 52 Rating, Deduct</i>		-130.80	
		<i>For Class 54 Rating, Add</i>		182.41	
		<i>For Class 55 Rating, Add</i>		273.27	
		<i>For Class 56 Rating, Add</i>		362.93	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,592.24	225.92
		<i>For Class 52 Rating, Deduct</i>		-137.49	
		<i>For Class 54 Rating, Add</i>		191.60	
		<i>For Class 55 Rating, Add</i>		286.95	
		<i>For Class 56 Rating, Add</i>		381.06	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,657.90	229.09
		<i>For Class 52 Rating, Deduct</i>		-144.19	
		<i>For Class 54 Rating, Add</i>		200.79	
		<i>For Class 55 Rating, Add</i>		300.64	
		<i>For Class 56 Rating, Add</i>		399.18	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,723.57	232.26
		<i>For Class 52 Rating, Deduct</i>		-150.88	
		<i>For Class 54 Rating, Add</i>		209.97	
		<i>For Class 55 Rating, Add</i>		314.33	
		<i>For Class 56 Rating, Add</i>		417.31	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,789.24	235.44
		<i>For Class 52 Rating, Deduct</i>		-157.58	
		<i>For Class 54 Rating, Add</i>		219.16	
		<i>For Class 55 Rating, Add</i>		328.01	
		<i>For Class 56 Rating, Add</i>		435.44	



Process Interconnections	40
Common Work Results For Process Interconnections	40 05
Ductile Iron Process Pipe	40 05 19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0574 EA 4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,854.91	238.61
<i>For Class 52 Rating, Deduct</i>	-164.27	
<i>For Class 54 Rating, Add</i>	228.35	
<i>For Class 55 Rating, Add</i>	341.70	
<i>For Class 56 Rating, Add</i>	453.56	
40 05 19 00-0575 EA 4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,920.58	241.79
<i>For Class 52 Rating, Deduct</i>	-170.97	
<i>For Class 54 Rating, Add</i>	237.53	
<i>For Class 55 Rating, Add</i>	355.39	
<i>For Class 56 Rating, Add</i>	471.69	
40 05 19 00-0576 EA 4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,986.24	244.96
<i>For Class 52 Rating, Deduct</i>	-177.66	
<i>For Class 54 Rating, Add</i>	246.72	
<i>For Class 55 Rating, Add</i>	369.07	
<i>For Class 56 Rating, Add</i>	489.82	
40 05 19 00-0577 EA 4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,051.91	248.12
<i>For Class 52 Rating, Deduct</i>	-184.36	
<i>For Class 54 Rating, Add</i>	255.91	
<i>For Class 55 Rating, Add</i>	382.76	
<i>For Class 56 Rating, Add</i>	507.94	
40 05 19 00-0578 EA 4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,117.56	251.30
<i>For Class 52 Rating, Deduct</i>	-191.05	
<i>For Class 54 Rating, Add</i>	265.09	
<i>For Class 55 Rating, Add</i>	396.45	
<i>For Class 56 Rating, Add</i>	526.07	
40 05 19 00-0579 EA 4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,183.23	254.47
<i>For Class 52 Rating, Deduct</i>	-197.74	
<i>For Class 54 Rating, Add</i>	274.28	
<i>For Class 55 Rating, Add</i>	410.13	
<i>For Class 56 Rating, Add</i>	544.19	
40 05 19 00-0580 EA 4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,248.90	257.65
<i>For Class 52 Rating, Deduct</i>	-204.44	
<i>For Class 54 Rating, Add</i>	283.46	
<i>For Class 55 Rating, Add</i>	423.82	
<i>For Class 56 Rating, Add</i>	562.32	
40 05 19 00-0581 EA 4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,314.57	260.82
<i>For Class 52 Rating, Deduct</i>	-211.13	
<i>For Class 54 Rating, Add</i>	292.65	
<i>For Class 55 Rating, Add</i>	437.51	
<i>For Class 56 Rating, Add</i>	580.45	
40 05 19 00-0582 EA 4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,380.24	264.00
<i>For Class 52 Rating, Deduct</i>	-217.83	
<i>For Class 54 Rating, Add</i>	301.84	
<i>For Class 55 Rating, Add</i>	451.20	
<i>For Class 56 Rating, Add</i>	598.57	
40 05 19 00-0583 EA 4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,445.90	267.17
<i>For Class 52 Rating, Deduct</i>	-224.52	
<i>For Class 54 Rating, Add</i>	311.02	
<i>For Class 55 Rating, Add</i>	464.88	
<i>For Class 56 Rating, Add</i>	616.70	
40 05 19 00-0584 EA 4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,511.57	270.34
<i>For Class 52 Rating, Deduct</i>	-231.22	
<i>For Class 54 Rating, Add</i>	320.21	
<i>For Class 55 Rating, Add</i>	478.57	
<i>For Class 56 Rating, Add</i>	634.83	
40 05 19 00-0585 EA 4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,577.24	273.51
<i>For Class 52 Rating, Deduct</i>	-237.91	
<i>For Class 54 Rating, Add</i>	329.40	
<i>For Class 55 Rating, Add</i>	492.26	
<i>For Class 56 Rating, Add</i>	652.95	
40 05 19 00-0586 EA 4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,642.89	276.68
<i>For Class 52 Rating, Deduct</i>	-244.60	
<i>For Class 54 Rating, Add</i>	338.58	
<i>For Class 55 Rating, Add</i>	505.94	
<i>For Class 56 Rating, Add</i>	671.08	
40 05 19 00-0587 EA 4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,708.57	279.86
<i>For Class 52 Rating, Deduct</i>	-251.30	
<i>For Class 54 Rating, Add</i>	347.77	
<i>For Class 55 Rating, Add</i>	519.63	
<i>For Class 56 Rating, Add</i>	689.20	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0588	EA	4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,774.23	283.03
		<i>For Class 52 Rating, Deduct</i>		-257.99	
		<i>For Class 54 Rating, Add</i>		356.96	
		<i>For Class 55 Rating, Add</i>		533.32	
		<i>For Class 56 Rating, Add</i>		707.33	
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,839.90	286.20
		<i>For Class 52 Rating, Deduct</i>		-264.69	
		<i>For Class 54 Rating, Add</i>		366.14	
		<i>For Class 55 Rating, Add</i>		547.00	
		<i>For Class 56 Rating, Add</i>		725.46	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,905.57	289.38
		<i>For Class 52 Rating, Deduct</i>		-271.38	
		<i>For Class 54 Rating, Add</i>		375.33	
		<i>For Class 55 Rating, Add</i>		560.69	
		<i>For Class 56 Rating, Add</i>		743.58	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,971.23	292.55
		<i>For Class 52 Rating, Deduct</i>		-278.08	
		<i>For Class 54 Rating, Add</i>		384.52	
		<i>For Class 55 Rating, Add</i>		574.38	
		<i>For Class 56 Rating, Add</i>		761.71	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,036.90	295.73
		<i>For Class 52 Rating, Deduct</i>		-284.77	
		<i>For Class 54 Rating, Add</i>		393.70	
		<i>For Class 55 Rating, Add</i>		588.06	
		<i>For Class 56 Rating, Add</i>		779.84	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,102.57	298.90
		<i>For Class 52 Rating, Deduct</i>		-291.47	
		<i>For Class 54 Rating, Add</i>		402.89	
		<i>For Class 55 Rating, Add</i>		601.75	
		<i>For Class 56 Rating, Add</i>		797.96	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,168.23	302.06
		<i>For Class 52 Rating, Deduct</i>		-298.16	
		<i>For Class 54 Rating, Add</i>		412.07	
		<i>For Class 55 Rating, Add</i>		615.44	
		<i>For Class 56 Rating, Add</i>		816.09	

40 05 19 00-0595 6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)

40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		840.03	228.46
		<i>For Class 52 Rating, Deduct</i>		-54.33	
		<i>For Class 54 Rating, Add</i>		78.24	
		<i>For Class 55 Rating, Add</i>		118.44	
		<i>For Class 56 Rating, Add</i>		158.16	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		919.75	231.63
		<i>For Class 52 Rating, Deduct</i>		-62.57	
		<i>For Class 54 Rating, Add</i>		89.53	
		<i>For Class 55 Rating, Add</i>		135.27	
		<i>For Class 56 Rating, Add</i>		180.43	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		999.46	234.79
		<i>For Class 52 Rating, Deduct</i>		-70.81	
		<i>For Class 54 Rating, Add</i>		100.82	
		<i>For Class 55 Rating, Add</i>		152.08	
		<i>For Class 56 Rating, Add</i>		202.70	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,079.17	237.97
		<i>For Class 52 Rating, Deduct</i>		-79.05	
		<i>For Class 54 Rating, Add</i>		112.12	
		<i>For Class 55 Rating, Add</i>		168.90	
		<i>For Class 56 Rating, Add</i>		224.97	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,158.87	241.14
		<i>For Class 52 Rating, Deduct</i>		-87.29	
		<i>For Class 54 Rating, Add</i>		123.41	
		<i>For Class 55 Rating, Add</i>		185.72	
		<i>For Class 56 Rating, Add</i>		247.24	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,238.59	244.32
		<i>For Class 52 Rating, Deduct</i>		-95.53	
		<i>For Class 54 Rating, Add</i>		134.70	
		<i>For Class 55 Rating, Add</i>		202.54	
		<i>For Class 56 Rating, Add</i>		269.51	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0602 EA 6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,318.29	247.49
<i>For Class 52 Rating, Deduct</i>	-103.76	
<i>For Class 54 Rating, Add</i>	146.00	
<i>For Class 55 Rating, Add</i>	219.36	
<i>For Class 56 Rating, Add</i>	291.78	
40 05 19 00-0603 EA 6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,398.01	250.67
<i>For Class 52 Rating, Deduct</i>	-112.00	
<i>For Class 54 Rating, Add</i>	157.29	
<i>For Class 55 Rating, Add</i>	236.18	
<i>For Class 56 Rating, Add</i>	314.04	
40 05 19 00-0604 EA 6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,477.73	253.84
<i>For Class 52 Rating, Deduct</i>	-120.24	
<i>For Class 54 Rating, Add</i>	168.58	
<i>For Class 55 Rating, Add</i>	253.00	
<i>For Class 56 Rating, Add</i>	336.32	
40 05 19 00-0605 EA 6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,557.43	257.01
<i>For Class 52 Rating, Deduct</i>	-128.48	
<i>For Class 54 Rating, Add</i>	179.88	
<i>For Class 55 Rating, Add</i>	269.81	
<i>For Class 56 Rating, Add</i>	358.58	
40 05 19 00-0606 EA 6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,637.14	260.19
<i>For Class 52 Rating, Deduct</i>	-136.72	
<i>For Class 54 Rating, Add</i>	191.17	
<i>For Class 55 Rating, Add</i>	286.63	
<i>For Class 56 Rating, Add</i>	380.85	
40 05 19 00-0607 EA 6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,716.85	263.35
<i>For Class 52 Rating, Deduct</i>	-144.96	
<i>For Class 54 Rating, Add</i>	202.46	
<i>For Class 55 Rating, Add</i>	303.45	
<i>For Class 56 Rating, Add</i>	403.12	
40 05 19 00-0608 EA 6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,796.56	266.53
<i>For Class 52 Rating, Deduct</i>	-153.20	
<i>For Class 54 Rating, Add</i>	213.76	
<i>For Class 55 Rating, Add</i>	320.27	
<i>For Class 56 Rating, Add</i>	425.39	
40 05 19 00-0609 EA 6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,876.27	269.70
<i>For Class 52 Rating, Deduct</i>	-161.44	
<i>For Class 54 Rating, Add</i>	225.05	
<i>For Class 55 Rating, Add</i>	337.09	
<i>For Class 56 Rating, Add</i>	447.66	
40 05 19 00-0610 EA 6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,955.98	272.87
<i>For Class 52 Rating, Deduct</i>	-169.68	
<i>For Class 54 Rating, Add</i>	236.34	
<i>For Class 55 Rating, Add</i>	353.91	
<i>For Class 56 Rating, Add</i>	469.93	
40 05 19 00-0611 EA 6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,035.70	276.05
<i>For Class 52 Rating, Deduct</i>	-177.92	
<i>For Class 54 Rating, Add</i>	247.64	
<i>For Class 55 Rating, Add</i>	370.73	
<i>For Class 56 Rating, Add</i>	492.20	
40 05 19 00-0612 EA 6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,115.40	279.22
<i>For Class 52 Rating, Deduct</i>	-186.16	
<i>For Class 54 Rating, Add</i>	258.93	
<i>For Class 55 Rating, Add</i>	387.55	
<i>For Class 56 Rating, Add</i>	514.47	
40 05 19 00-0613 EA 6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,195.11	282.40
<i>For Class 52 Rating, Deduct</i>	-194.40	
<i>For Class 54 Rating, Add</i>	270.22	
<i>For Class 55 Rating, Add</i>	404.36	
<i>For Class 56 Rating, Add</i>	536.74	
40 05 19 00-0614 EA 6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,274.82	285.57
<i>For Class 52 Rating, Deduct</i>	-202.64	
<i>For Class 54 Rating, Add</i>	281.51	
<i>For Class 55 Rating, Add</i>	421.18	
<i>For Class 56 Rating, Add</i>	559.01	
40 05 19 00-0615 EA 6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,354.53	288.75
<i>For Class 52 Rating, Deduct</i>	-210.88	
<i>For Class 54 Rating, Add</i>	292.81	
<i>For Class 55 Rating, Add</i>	438.00	
<i>For Class 56 Rating, Add</i>	581.28	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0616	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,434.25	291.91
		<i>For Class 52 Rating, Deduct</i>		-219.11	
		<i>For Class 54 Rating, Add</i>		304.10	
		<i>For Class 55 Rating, Add</i>		454.82	
		<i>For Class 56 Rating, Add</i>		603.55	
40 05 19 00-0617	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,513.96	295.08
		<i>For Class 52 Rating, Deduct</i>		-227.35	
		<i>For Class 54 Rating, Add</i>		315.39	
		<i>For Class 55 Rating, Add</i>		471.64	
		<i>For Class 56 Rating, Add</i>		625.82	
40 05 19 00-0618	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,593.67	298.26
		<i>For Class 52 Rating, Deduct</i>		-235.59	
		<i>For Class 54 Rating, Add</i>		326.69	
		<i>For Class 55 Rating, Add</i>		488.46	
		<i>For Class 56 Rating, Add</i>		648.09	
40 05 19 00-0619	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,673.37	301.43
		<i>For Class 52 Rating, Deduct</i>		-243.83	
		<i>For Class 54 Rating, Add</i>		337.98	
		<i>For Class 55 Rating, Add</i>		505.28	
		<i>For Class 56 Rating, Add</i>		670.36	
40 05 19 00-0620	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,753.08	304.61
		<i>For Class 52 Rating, Deduct</i>		-252.07	
		<i>For Class 54 Rating, Add</i>		349.27	
		<i>For Class 55 Rating, Add</i>		522.09	
		<i>For Class 56 Rating, Add</i>		692.62	
40 05 19 00-0621	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,832.80	307.78
		<i>For Class 52 Rating, Deduct</i>		-260.31	
		<i>For Class 54 Rating, Add</i>		360.57	
		<i>For Class 55 Rating, Add</i>		538.91	
		<i>For Class 56 Rating, Add</i>		714.90	
40 05 19 00-0622	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,912.51	310.95
		<i>For Class 52 Rating, Deduct</i>		-268.55	
		<i>For Class 54 Rating, Add</i>		371.86	
		<i>For Class 55 Rating, Add</i>		555.73	
		<i>For Class 56 Rating, Add</i>		737.17	
40 05 19 00-0623	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,992.22	314.13
		<i>For Class 52 Rating, Deduct</i>		-276.79	
		<i>For Class 54 Rating, Add</i>		383.15	
		<i>For Class 55 Rating, Add</i>		572.55	
		<i>For Class 56 Rating, Add</i>		759.43	
40 05 19 00-0624	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,071.93	317.29
		<i>For Class 52 Rating, Deduct</i>		-285.03	
		<i>For Class 54 Rating, Add</i>		394.45	
		<i>For Class 55 Rating, Add</i>		589.37	
		<i>For Class 56 Rating, Add</i>		781.71	
40 05 19 00-0625	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,151.64	320.47
		<i>For Class 52 Rating, Deduct</i>		-293.27	
		<i>For Class 54 Rating, Add</i>		405.74	
		<i>For Class 55 Rating, Add</i>		606.19	
		<i>For Class 56 Rating, Add</i>		803.97	
40 05 19 00-0626	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,231.35	323.64
		<i>For Class 52 Rating, Deduct</i>		-301.51	
		<i>For Class 54 Rating, Add</i>		417.03	
		<i>For Class 55 Rating, Add</i>		623.01	
		<i>For Class 56 Rating, Add</i>		826.24	
40 05 19 00-0627	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,311.06	326.81
		<i>For Class 52 Rating, Deduct</i>		-309.75	
		<i>For Class 54 Rating, Add</i>		428.33	
		<i>For Class 55 Rating, Add</i>		639.83	
		<i>For Class 56 Rating, Add</i>		848.51	
40 05 19 00-0628	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,390.77	329.99
		<i>For Class 52 Rating, Deduct</i>		-317.99	
		<i>For Class 54 Rating, Add</i>		439.62	
		<i>For Class 55 Rating, Add</i>		656.65	
		<i>For Class 56 Rating, Add</i>		870.78	
40 05 19 00-0629	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,470.48	333.16
		<i>For Class 52 Rating, Deduct</i>		-326.23	
		<i>For Class 54 Rating, Add</i>		450.91	
		<i>For Class 55 Rating, Add</i>		673.46	
		<i>For Class 56 Rating, Add</i>		893.05	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0630 EA 6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,550.20	336.34
For Class 52 Rating, Deduct	-334.47	
For Class 54 Rating, Add	462.21	
For Class 55 Rating, Add	690.28	
For Class 56 Rating, Add	915.32	
40 05 19 00-0631 EA 6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,629.91	339.51
For Class 52 Rating, Deduct	-342.71	
For Class 54 Rating, Add	473.50	
For Class 55 Rating, Add	707.10	
For Class 56 Rating, Add	937.59	
40 05 19 00-0632 EA 6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,709.61	342.69
For Class 52 Rating, Deduct	-350.94	
For Class 54 Rating, Add	484.79	
For Class 55 Rating, Add	723.92	
For Class 56 Rating, Add	959.86	
40 05 19 00-0633 EA 6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,789.32	345.85
For Class 52 Rating, Deduct	-359.18	
For Class 54 Rating, Add	496.08	
For Class 55 Rating, Add	740.74	
For Class 56 Rating, Add	982.13	
40 05 19 00-0634 EA 6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,869.03	349.02
For Class 52 Rating, Deduct	-367.42	
For Class 54 Rating, Add	507.38	
For Class 55 Rating, Add	757.56	
For Class 56 Rating, Add	1,004.40	
 40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0636 EA 8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,163.24	291.91
For Class 52 Rating, Deduct	-79.30	
For Class 54 Rating, Add	113.45	
For Class 55 Rating, Add	171.38	
For Class 56 Rating, Add	228.60	
40 05 19 00-0637 EA 8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,271.03	295.08
For Class 52 Rating, Deduct	-90.63	
For Class 54 Rating, Add	128.95	
For Class 55 Rating, Add	194.47	
For Class 56 Rating, Add	259.15	
40 05 19 00-0638 EA 8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,378.84	298.26
For Class 52 Rating, Deduct	-101.96	
For Class 54 Rating, Add	144.46	
For Class 55 Rating, Add	217.55	
For Class 56 Rating, Add	289.71	
40 05 19 00-0639 EA 8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,486.63	301.43
For Class 52 Rating, Deduct	-113.29	
For Class 54 Rating, Add	159.97	
For Class 55 Rating, Add	240.63	
For Class 56 Rating, Add	320.27	
40 05 19 00-0640 EA 8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,594.43	304.61
For Class 52 Rating, Deduct	-124.62	
For Class 54 Rating, Add	175.47	
For Class 55 Rating, Add	263.72	
For Class 56 Rating, Add	350.82	
40 05 19 00-0641 EA 8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,702.23	307.78
For Class 52 Rating, Deduct	-135.95	
For Class 54 Rating, Add	190.98	
For Class 55 Rating, Add	286.80	
For Class 56 Rating, Add	381.38	
40 05 19 00-0642 EA 8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,810.03	310.95
For Class 52 Rating, Deduct	-147.28	
For Class 54 Rating, Add	206.49	
For Class 55 Rating, Add	309.88	
For Class 56 Rating, Add	411.93	
40 05 19 00-0643 EA 8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,917.83	314.13
For Class 52 Rating, Deduct	-158.61	
For Class 54 Rating, Add	221.99	
For Class 55 Rating, Add	332.96	
For Class 56 Rating, Add	442.49	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0644	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,025.63	317.29
		<i>For Class 52 Rating, Deduct</i>		-169.94	
		<i>For Class 54 Rating, Add</i>		237.50	
		<i>For Class 55 Rating, Add</i>		356.05	
		<i>For Class 56 Rating, Add</i>		473.05	
40 05 19 00-0645	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,133.43	320.47
		<i>For Class 52 Rating, Deduct</i>		-181.27	
		<i>For Class 54 Rating, Add</i>		253.01	
		<i>For Class 55 Rating, Add</i>		379.13	
		<i>For Class 56 Rating, Add</i>		503.60	
40 05 19 00-0646	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,241.23	323.64
		<i>For Class 52 Rating, Deduct</i>		-192.59	
		<i>For Class 54 Rating, Add</i>		268.51	
		<i>For Class 55 Rating, Add</i>		402.21	
		<i>For Class 56 Rating, Add</i>		534.16	
40 05 19 00-0647	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,349.02	326.81
		<i>For Class 52 Rating, Deduct</i>		-203.92	
		<i>For Class 54 Rating, Add</i>		284.02	
		<i>For Class 55 Rating, Add</i>		425.29	
		<i>For Class 56 Rating, Add</i>		564.71	
40 05 19 00-0648	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,456.82	329.99
		<i>For Class 52 Rating, Deduct</i>		-215.25	
		<i>For Class 54 Rating, Add</i>		299.53	
		<i>For Class 55 Rating, Add</i>		448.37	
		<i>For Class 56 Rating, Add</i>		595.27	
40 05 19 00-0649	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,564.62	333.16
		<i>For Class 52 Rating, Deduct</i>		-226.58	
		<i>For Class 54 Rating, Add</i>		315.03	
		<i>For Class 55 Rating, Add</i>		471.46	
		<i>For Class 56 Rating, Add</i>		625.82	
40 05 19 00-0650	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,672.43	336.34
		<i>For Class 52 Rating, Deduct</i>		-237.91	
		<i>For Class 54 Rating, Add</i>		330.54	
		<i>For Class 55 Rating, Add</i>		494.54	
		<i>For Class 56 Rating, Add</i>		656.38	
40 05 19 00-0651	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,780.23	339.51
		<i>For Class 52 Rating, Deduct</i>		-249.24	
		<i>For Class 54 Rating, Add</i>		346.05	
		<i>For Class 55 Rating, Add</i>		517.62	
		<i>For Class 56 Rating, Add</i>		686.94	
40 05 19 00-0652	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,888.02	342.69
		<i>For Class 52 Rating, Deduct</i>		-260.57	
		<i>For Class 54 Rating, Add</i>		361.55	
		<i>For Class 55 Rating, Add</i>		540.71	
		<i>For Class 56 Rating, Add</i>		717.49	
40 05 19 00-0653	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,995.82	345.85
		<i>For Class 52 Rating, Deduct</i>		-271.90	
		<i>For Class 54 Rating, Add</i>		377.06	
		<i>For Class 55 Rating, Add</i>		563.79	
		<i>For Class 56 Rating, Add</i>		748.05	
40 05 19 00-0654	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,103.61	349.02
		<i>For Class 52 Rating, Deduct</i>		-283.23	
		<i>For Class 54 Rating, Add</i>		392.56	
		<i>For Class 55 Rating, Add</i>		586.87	
		<i>For Class 56 Rating, Add</i>		778.60	
40 05 19 00-0655	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,211.42	352.20
		<i>For Class 52 Rating, Deduct</i>		-294.56	
		<i>For Class 54 Rating, Add</i>		408.07	
		<i>For Class 55 Rating, Add</i>		609.95	
		<i>For Class 56 Rating, Add</i>		809.16	
40 05 19 00-0656	EA	8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,319.23	355.37
		<i>For Class 52 Rating, Deduct</i>		-305.89	
		<i>For Class 54 Rating, Add</i>		423.58	
		<i>For Class 55 Rating, Add</i>		633.04	
		<i>For Class 56 Rating, Add</i>		839.71	
40 05 19 00-0657	EA	8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,427.02	358.55
		<i>For Class 52 Rating, Deduct</i>		-317.21	
		<i>For Class 54 Rating, Add</i>		439.08	
		<i>For Class 55 Rating, Add</i>		656.12	
		<i>For Class 56 Rating, Add</i>		870.27	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0658 EA 8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,534.82	361.72
<i>For Class 52 Rating, Deduct</i>	-328.54	
<i>For Class 54 Rating, Add</i>	454.59	
<i>For Class 55 Rating, Add</i>	679.20	
<i>For Class 56 Rating, Add</i>	900.82	
40 05 19 00-0659 EA 8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,642.61	364.89
<i>For Class 52 Rating, Deduct</i>	-339.87	
<i>For Class 54 Rating, Add</i>	470.10	
<i>For Class 55 Rating, Add</i>	702.28	
<i>For Class 56 Rating, Add</i>	931.38	
40 05 19 00-0660 EA 8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,750.41	368.07
<i>For Class 52 Rating, Deduct</i>	-351.20	
<i>For Class 54 Rating, Add</i>	485.60	
<i>For Class 55 Rating, Add</i>	725.37	
<i>For Class 56 Rating, Add</i>	961.93	
40 05 19 00-0661 EA 8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,858.22	371.24
<i>For Class 52 Rating, Deduct</i>	-362.53	
<i>For Class 54 Rating, Add</i>	501.11	
<i>For Class 55 Rating, Add</i>	748.45	
<i>For Class 56 Rating, Add</i>	992.49	
40 05 19 00-0662 EA 8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,966.02	374.41
<i>For Class 52 Rating, Deduct</i>	-373.86	
<i>For Class 54 Rating, Add</i>	516.62	
<i>For Class 55 Rating, Add</i>	771.53	
<i>For Class 56 Rating, Add</i>	1,023.05	
40 05 19 00-0663 EA 8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,073.82	377.58
<i>For Class 52 Rating, Deduct</i>	-385.19	
<i>For Class 54 Rating, Add</i>	532.12	
<i>For Class 55 Rating, Add</i>	794.61	
<i>For Class 56 Rating, Add</i>	1,053.60	
40 05 19 00-0664 EA 8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,181.61	380.75
<i>For Class 52 Rating, Deduct</i>	-396.52	
<i>For Class 54 Rating, Add</i>	547.63	
<i>For Class 55 Rating, Add</i>	817.70	
<i>For Class 56 Rating, Add</i>	1,084.16	
40 05 19 00-0665 EA 8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,289.41	383.93
<i>For Class 52 Rating, Deduct</i>	-407.85	
<i>For Class 54 Rating, Add</i>	563.14	
<i>For Class 55 Rating, Add</i>	840.78	
<i>For Class 56 Rating, Add</i>	1,114.71	
40 05 19 00-0666 EA 8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,397.20	387.10
<i>For Class 52 Rating, Deduct</i>	-419.18	
<i>For Class 54 Rating, Add</i>	578.64	
<i>For Class 55 Rating, Add</i>	863.86	
<i>For Class 56 Rating, Add</i>	1,145.27	
40 05 19 00-0667 EA 8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,505.01	390.28
<i>For Class 52 Rating, Deduct</i>	-430.50	
<i>For Class 54 Rating, Add</i>	594.15	
<i>For Class 55 Rating, Add</i>	886.94	
<i>For Class 56 Rating, Add</i>	1,175.82	
40 05 19 00-0668 EA 8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,612.82	393.45
<i>For Class 52 Rating, Deduct</i>	-441.83	
<i>For Class 54 Rating, Add</i>	609.66	
<i>For Class 55 Rating, Add</i>	910.03	
<i>For Class 56 Rating, Add</i>	1,206.38	
40 05 19 00-0669 EA 8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,720.61	396.63
<i>For Class 52 Rating, Deduct</i>	-453.16	
<i>For Class 54 Rating, Add</i>	625.16	
<i>For Class 55 Rating, Add</i>	933.11	
<i>For Class 56 Rating, Add</i>	1,236.94	
40 05 19 00-0670 EA 8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,828.41	399.79
<i>For Class 52 Rating, Deduct</i>	-464.49	
<i>For Class 54 Rating, Add</i>	640.67	
<i>For Class 55 Rating, Add</i>	956.19	
<i>For Class 56 Rating, Add</i>	1,267.49	
40 05 19 00-0671 EA 8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,936.20	402.96
<i>For Class 52 Rating, Deduct</i>	-475.82	
<i>For Class 54 Rating, Add</i>	656.17	
<i>For Class 55 Rating, Add</i>	979.27	
<i>For Class 56 Rating, Add</i>	1,298.05	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0672	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,044.00	406.14
		<i>For Class 52 Rating, Deduct</i>		-487.15	
		<i>For Class 54 Rating, Add</i>		671.68	
		<i>For Class 55 Rating, Add</i>		1,002.36	
		<i>For Class 56 Rating, Add</i>		1,328.60	
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,151.80	409.31
		<i>For Class 52 Rating, Deduct</i>		-498.48	
		<i>For Class 54 Rating, Add</i>		687.19	
		<i>For Class 55 Rating, Add</i>		1,025.44	
		<i>For Class 56 Rating, Add</i>		1,359.16	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,259.61	412.49
		<i>For Class 52 Rating, Deduct</i>		-509.81	
		<i>For Class 54 Rating, Add</i>		702.69	
		<i>For Class 55 Rating, Add</i>		1,048.52	
		<i>For Class 56 Rating, Add</i>		1,389.72	

40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)

40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,460.69	355.37
		<i>For Class 52 Rating, Deduct</i>		-101.45	
		<i>For Class 54 Rating, Add</i>		144.80	
		<i>For Class 55 Rating, Add</i>		218.58	
		<i>For Class 56 Rating, Add</i>		291.45	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,601.26	358.55
		<i>For Class 52 Rating, Deduct</i>		-116.38	
		<i>For Class 54 Rating, Add</i>		165.22	
		<i>For Class 55 Rating, Add</i>		248.97	
		<i>For Class 56 Rating, Add</i>		331.67	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,741.83	361.72
		<i>For Class 52 Rating, Deduct</i>		-131.31	
		<i>For Class 54 Rating, Add</i>		185.64	
		<i>For Class 55 Rating, Add</i>		279.36	
		<i>For Class 56 Rating, Add</i>		371.89	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,882.39	364.89
		<i>For Class 52 Rating, Deduct</i>		-146.25	
		<i>For Class 54 Rating, Add</i>		206.06	
		<i>For Class 55 Rating, Add</i>		309.75	
		<i>For Class 56 Rating, Add</i>		412.11	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,022.96	368.07
		<i>For Class 52 Rating, Deduct</i>		-161.18	
		<i>For Class 54 Rating, Add</i>		226.49	
		<i>For Class 55 Rating, Add</i>		340.14	
		<i>For Class 56 Rating, Add</i>		452.34	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,163.54	371.24
		<i>For Class 52 Rating, Deduct</i>		-176.12	
		<i>For Class 54 Rating, Add</i>		246.91	
		<i>For Class 55 Rating, Add</i>		370.53	
		<i>For Class 56 Rating, Add</i>		492.56	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,304.10	374.41
		<i>For Class 52 Rating, Deduct</i>		-191.05	
		<i>For Class 54 Rating, Add</i>		267.33	
		<i>For Class 55 Rating, Add</i>		400.92	
		<i>For Class 56 Rating, Add</i>		532.78	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,444.68	377.58
		<i>For Class 52 Rating, Deduct</i>		-205.98	
		<i>For Class 54 Rating, Add</i>		287.75	
		<i>For Class 55 Rating, Add</i>		431.32	
		<i>For Class 56 Rating, Add</i>		573.01	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,585.24	380.75
		<i>For Class 52 Rating, Deduct</i>		-220.92	
		<i>For Class 54 Rating, Add</i>		308.17	
		<i>For Class 55 Rating, Add</i>		461.71	
		<i>For Class 56 Rating, Add</i>		613.23	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,725.81	383.93
		<i>For Class 52 Rating, Deduct</i>		-235.85	
		<i>For Class 54 Rating, Add</i>		328.60	
		<i>For Class 55 Rating, Add</i>		492.10	
		<i>For Class 56 Rating, Add</i>		653.45	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0686 EA 10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,866.37	387.10
<i>For Class 52 Rating, Deduct</i>	-250.78	
<i>For Class 54 Rating, Add</i>	349.02	
<i>For Class 55 Rating, Add</i>	522.49	
<i>For Class 56 Rating, Add</i>	693.67	
40 05 19 00-0687 EA 10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,006.95	390.28
<i>For Class 52 Rating, Deduct</i>	-265.72	
<i>For Class 54 Rating, Add</i>	369.44	
<i>For Class 55 Rating, Add</i>	552.88	
<i>For Class 56 Rating, Add</i>	733.90	
40 05 19 00-0688 EA 10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,147.52	393.45
<i>For Class 52 Rating, Deduct</i>	-280.65	
<i>For Class 54 Rating, Add</i>	389.86	
<i>For Class 55 Rating, Add</i>	583.27	
<i>For Class 56 Rating, Add</i>	774.12	
40 05 19 00-0689 EA 10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,288.09	396.63
<i>For Class 52 Rating, Deduct</i>	-295.59	
<i>For Class 54 Rating, Add</i>	410.28	
<i>For Class 55 Rating, Add</i>	613.66	
<i>For Class 56 Rating, Add</i>	814.34	
40 05 19 00-0690 EA 10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,428.66	399.79
<i>For Class 52 Rating, Deduct</i>	-310.52	
<i>For Class 54 Rating, Add</i>	430.71	
<i>For Class 55 Rating, Add</i>	644.05	
<i>For Class 56 Rating, Add</i>	854.57	
40 05 19 00-0691 EA 10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,569.22	402.96
<i>For Class 52 Rating, Deduct</i>	-325.45	
<i>For Class 54 Rating, Add</i>	451.13	
<i>For Class 55 Rating, Add</i>	674.44	
<i>For Class 56 Rating, Add</i>	894.79	
40 05 19 00-0692 EA 10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,709.79	406.14
<i>For Class 52 Rating, Deduct</i>	-340.39	
<i>For Class 54 Rating, Add</i>	471.55	
<i>For Class 55 Rating, Add</i>	704.83	
<i>For Class 56 Rating, Add</i>	935.01	
40 05 19 00-0693 EA 10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,850.36	409.31
<i>For Class 52 Rating, Deduct</i>	-355.32	
<i>For Class 54 Rating, Add</i>	491.97	
<i>For Class 55 Rating, Add</i>	735.22	
<i>For Class 56 Rating, Add</i>	975.23	
40 05 19 00-0694 EA 10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,990.94	412.49
<i>For Class 52 Rating, Deduct</i>	-370.26	
<i>For Class 54 Rating, Add</i>	512.39	
<i>For Class 55 Rating, Add</i>	765.61	
<i>For Class 56 Rating, Add</i>	1,015.46	
40 05 19 00-0695 EA 10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,131.51	415.66
<i>For Class 52 Rating, Deduct</i>	-385.19	
<i>For Class 54 Rating, Add</i>	532.82	
<i>For Class 55 Rating, Add</i>	796.00	
<i>For Class 56 Rating, Add</i>	1,055.68	
40 05 19 00-0696 EA 10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,272.07	418.83
<i>For Class 52 Rating, Deduct</i>	-400.12	
<i>For Class 54 Rating, Add</i>	553.24	
<i>For Class 55 Rating, Add</i>	826.39	
<i>For Class 56 Rating, Add</i>	1,095.90	
40 05 19 00-0697 EA 10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,412.64	422.01
<i>For Class 52 Rating, Deduct</i>	-415.06	
<i>For Class 54 Rating, Add</i>	573.66	
<i>For Class 55 Rating, Add</i>	856.78	
<i>For Class 56 Rating, Add</i>	1,136.12	
40 05 19 00-0698 EA 10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,553.21	425.18
<i>For Class 52 Rating, Deduct</i>	-429.99	
<i>For Class 54 Rating, Add</i>	594.08	
<i>For Class 55 Rating, Add</i>	887.17	
<i>For Class 56 Rating, Add</i>	1,176.35	
40 05 19 00-0699 EA 10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,693.77	428.35
<i>For Class 52 Rating, Deduct</i>	-444.92	
<i>For Class 54 Rating, Add</i>	614.50	
<i>For Class 55 Rating, Add</i>	917.56	
<i>For Class 56 Rating, Add</i>	1,216.57	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0700	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,834.36	431.52
		<i>For Class 52 Rating, Deduct</i>		-459.86	
		<i>For Class 54 Rating, Add</i>		634.93	
		<i>For Class 55 Rating, Add</i>		947.95	
		<i>For Class 56 Rating, Add</i>		1,256.79	
40 05 19 00-0701	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,974.92	434.69
		<i>For Class 52 Rating, Deduct</i>		-474.79	
		<i>For Class 54 Rating, Add</i>		655.35	
		<i>For Class 55 Rating, Add</i>		978.34	
		<i>For Class 56 Rating, Add</i>		1,297.02	
40 05 19 00-0702	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,115.49	437.87
		<i>For Class 52 Rating, Deduct</i>		-489.73	
		<i>For Class 54 Rating, Add</i>		675.77	
		<i>For Class 55 Rating, Add</i>		1,008.73	
		<i>For Class 56 Rating, Add</i>		1,337.24	
40 05 19 00-0703	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,256.06	441.04
		<i>For Class 52 Rating, Deduct</i>		-504.66	
		<i>For Class 54 Rating, Add</i>		696.19	
		<i>For Class 55 Rating, Add</i>		1,039.12	
		<i>For Class 56 Rating, Add</i>		1,377.46	
40 05 19 00-0704	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,396.62	444.22
		<i>For Class 52 Rating, Deduct</i>		-519.59	
		<i>For Class 54 Rating, Add</i>		716.61	
		<i>For Class 55 Rating, Add</i>		1,069.51	
		<i>For Class 56 Rating, Add</i>		1,417.68	
40 05 19 00-0705	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,537.19	447.39
		<i>For Class 52 Rating, Deduct</i>		-534.53	
		<i>For Class 54 Rating, Add</i>		737.03	
		<i>For Class 55 Rating, Add</i>		1,099.90	
		<i>For Class 56 Rating, Add</i>		1,457.91	
40 05 19 00-0706	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,677.77	450.57
		<i>For Class 52 Rating, Deduct</i>		-549.46	
		<i>For Class 54 Rating, Add</i>		757.46	
		<i>For Class 55 Rating, Add</i>		1,130.29	
		<i>For Class 56 Rating, Add</i>		1,498.13	
40 05 19 00-0707	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,818.34	453.74
		<i>For Class 52 Rating, Deduct</i>		-564.39	
		<i>For Class 54 Rating, Add</i>		777.88	
		<i>For Class 55 Rating, Add</i>		1,160.68	
		<i>For Class 56 Rating, Add</i>		1,538.35	
40 05 19 00-0708	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,958.91	456.90
		<i>For Class 52 Rating, Deduct</i>		-579.33	
		<i>For Class 54 Rating, Add</i>		798.30	
		<i>For Class 55 Rating, Add</i>		1,191.07	
		<i>For Class 56 Rating, Add</i>		1,578.58	
40 05 19 00-0709	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,099.47	460.08
		<i>For Class 52 Rating, Deduct</i>		-594.26	
		<i>For Class 54 Rating, Add</i>		818.72	
		<i>For Class 55 Rating, Add</i>		1,221.46	
		<i>For Class 56 Rating, Add</i>		1,618.80	
40 05 19 00-0710	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,240.04	463.25
		<i>For Class 52 Rating, Deduct</i>		-609.20	
		<i>For Class 54 Rating, Add</i>		839.14	
		<i>For Class 55 Rating, Add</i>		1,251.85	
		<i>For Class 56 Rating, Add</i>		1,659.02	
40 05 19 00-0711	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,380.61	466.43
		<i>For Class 52 Rating, Deduct</i>		-624.13	
		<i>For Class 54 Rating, Add</i>		859.57	
		<i>For Class 55 Rating, Add</i>		1,282.24	
		<i>For Class 56 Rating, Add</i>		1,699.24	
40 05 19 00-0712	EA	10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,521.18	469.60
		<i>For Class 52 Rating, Deduct</i>		-639.06	
		<i>For Class 54 Rating, Add</i>		879.99	
		<i>For Class 55 Rating, Add</i>		1,312.63	
		<i>For Class 56 Rating, Add</i>		1,739.47	
40 05 19 00-0713	EA	10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,661.76	472.77
		<i>For Class 52 Rating, Deduct</i>		-654.00	
		<i>For Class 54 Rating, Add</i>		900.41	
		<i>For Class 55 Rating, Add</i>		1,343.02	
		<i>For Class 56 Rating, Add</i>		1,779.69	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0714 EA 10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	6,802.32	475.95
For Class 52 Rating, Deduct	-668.93	
For Class 54 Rating, Add	920.83	
For Class 55 Rating, Add	1,373.41	
For Class 56 Rating, Add	1,819.91	
<b>40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small></b>		
40 05 19 00-0716 EA 12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	1,894.91	444.22
For Class 52 Rating, Deduct	-134.40	
For Class 54 Rating, Add	191.36	
For Class 55 Rating, Add	288.63	
For Class 56 Rating, Add	384.68	
40 05 19 00-0717 EA 12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,070.59	447.39
For Class 52 Rating, Deduct	-153.20	
For Class 54 Rating, Add	217.04	
For Class 55 Rating, Add	326.85	
For Class 56 Rating, Add	435.26	
40 05 19 00-0718 EA 12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,246.27	450.57
For Class 52 Rating, Deduct	-172.00	
For Class 54 Rating, Add	242.73	
For Class 55 Rating, Add	365.07	
For Class 56 Rating, Add	485.84	
40 05 19 00-0719 EA 12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,421.95	453.74
For Class 52 Rating, Deduct	-190.79	
For Class 54 Rating, Add	268.42	
For Class 55 Rating, Add	403.29	
For Class 56 Rating, Add	536.42	
40 05 19 00-0720 EA 12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,597.64	456.90
For Class 52 Rating, Deduct	-209.59	
For Class 54 Rating, Add	294.11	
For Class 55 Rating, Add	441.51	
For Class 56 Rating, Add	587.00	
40 05 19 00-0721 EA 12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,773.31	460.08
For Class 52 Rating, Deduct	-228.38	
For Class 54 Rating, Add	319.80	
For Class 55 Rating, Add	479.73	
For Class 56 Rating, Add	637.58	
40 05 19 00-0722 EA 12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	2,948.99	463.25
For Class 52 Rating, Deduct	-247.18	
For Class 54 Rating, Add	345.49	
For Class 55 Rating, Add	517.95	
For Class 56 Rating, Add	688.16	
40 05 19 00-0723 EA 12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	3,124.66	466.43
For Class 52 Rating, Deduct	-265.98	
For Class 54 Rating, Add	371.17	
For Class 55 Rating, Add	556.17	
For Class 56 Rating, Add	738.74	
40 05 19 00-0724 EA 12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	3,300.35	469.60
For Class 52 Rating, Deduct	-284.77	
For Class 54 Rating, Add	396.86	
For Class 55 Rating, Add	594.39	
For Class 56 Rating, Add	789.32	
40 05 19 00-0725 EA 12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	3,476.04	472.77
For Class 52 Rating, Deduct	-303.57	
For Class 54 Rating, Add	422.55	
For Class 55 Rating, Add	632.61	
For Class 56 Rating, Add	839.90	
40 05 19 00-0726 EA 12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	3,651.71	475.95
For Class 52 Rating, Deduct	-322.36	
For Class 54 Rating, Add	448.24	
For Class 55 Rating, Add	670.83	
For Class 56 Rating, Add	890.48	
40 05 19 00-0727 EA 12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	3,827.39	479.12
For Class 52 Rating, Deduct	-341.16	
For Class 54 Rating, Add	473.93	
For Class 55 Rating, Add	709.05	
For Class 56 Rating, Add	941.06	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0728	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,003.07	482.29
		<i>For Class 52 Rating, Deduct</i>		-359.96	
		<i>For Class 54 Rating, Add</i>		499.62	
		<i>For Class 55 Rating, Add</i>		747.27	
		<i>For Class 56 Rating, Add</i>		991.64	
40 05 19 00-0729	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,178.75	485.46
		<i>For Class 52 Rating, Deduct</i>		-378.75	
		<i>For Class 54 Rating, Add</i>		525.31	
		<i>For Class 55 Rating, Add</i>		785.49	
		<i>For Class 56 Rating, Add</i>		1,042.22	
40 05 19 00-0730	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,354.43	488.63
		<i>For Class 52 Rating, Deduct</i>		-397.55	
		<i>For Class 54 Rating, Add</i>		550.99	
		<i>For Class 55 Rating, Add</i>		823.71	
		<i>For Class 56 Rating, Add</i>		1,092.80	
40 05 19 00-0731	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,530.11	491.81
		<i>For Class 52 Rating, Deduct</i>		-416.34	
		<i>For Class 54 Rating, Add</i>		576.68	
		<i>For Class 55 Rating, Add</i>		861.93	
		<i>For Class 56 Rating, Add</i>		1,143.38	
40 05 19 00-0732	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,705.80	494.98
		<i>For Class 52 Rating, Deduct</i>		-435.14	
		<i>For Class 54 Rating, Add</i>		602.37	
		<i>For Class 55 Rating, Add</i>		900.15	
		<i>For Class 56 Rating, Add</i>		1,193.97	
40 05 19 00-0733	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,881.47	498.16
		<i>For Class 52 Rating, Deduct</i>		-453.94	
		<i>For Class 54 Rating, Add</i>		628.06	
		<i>For Class 55 Rating, Add</i>		938.37	
		<i>For Class 56 Rating, Add</i>		1,244.55	
40 05 19 00-0734	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,057.15	501.33
		<i>For Class 52 Rating, Deduct</i>		-472.73	
		<i>For Class 54 Rating, Add</i>		653.75	
		<i>For Class 55 Rating, Add</i>		976.59	
		<i>For Class 56 Rating, Add</i>		1,295.13	
40 05 19 00-0735	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,232.82	504.51
		<i>For Class 52 Rating, Deduct</i>		-491.53	
		<i>For Class 54 Rating, Add</i>		679.44	
		<i>For Class 55 Rating, Add</i>		1,014.81	
		<i>For Class 56 Rating, Add</i>		1,345.70	
40 05 19 00-0736	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,408.51	507.68
		<i>For Class 52 Rating, Deduct</i>		-510.32	
		<i>For Class 54 Rating, Add</i>		705.13	
		<i>For Class 55 Rating, Add</i>		1,053.03	
		<i>For Class 56 Rating, Add</i>		1,396.29	
40 05 19 00-0737	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,584.20	510.84
		<i>For Class 52 Rating, Deduct</i>		-529.12	
		<i>For Class 54 Rating, Add</i>		730.82	
		<i>For Class 55 Rating, Add</i>		1,091.25	
		<i>For Class 56 Rating, Add</i>		1,446.87	
40 05 19 00-0738	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,759.87	514.02
		<i>For Class 52 Rating, Deduct</i>		-547.92	
		<i>For Class 54 Rating, Add</i>		756.50	
		<i>For Class 55 Rating, Add</i>		1,129.47	
		<i>For Class 56 Rating, Add</i>		1,497.45	
40 05 19 00-0739	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,935.55	517.19
		<i>For Class 52 Rating, Deduct</i>		-566.71	
		<i>For Class 54 Rating, Add</i>		782.19	
		<i>For Class 55 Rating, Add</i>		1,167.69	
		<i>For Class 56 Rating, Add</i>		1,548.03	
40 05 19 00-0740	EA	12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,111.23	520.37
		<i>For Class 52 Rating, Deduct</i>		-585.51	
		<i>For Class 54 Rating, Add</i>		807.88	
		<i>For Class 55 Rating, Add</i>		1,205.91	
		<i>For Class 56 Rating, Add</i>		1,598.61	
40 05 19 00-0741	EA	12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,286.91	523.54
		<i>For Class 52 Rating, Deduct</i>		-604.30	
		<i>For Class 54 Rating, Add</i>		833.57	
		<i>For Class 55 Rating, Add</i>		1,244.13	
		<i>For Class 56 Rating, Add</i>		1,649.19	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0742 EA 12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,462.59	526.71
For Class 52 Rating, Deduct	-623.10	
For Class 54 Rating, Add	859.26	
For Class 55 Rating, Add	1,282.35	
For Class 56 Rating, Add	1,699.77	
40 05 19 00-0743 EA 12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,638.28	529.89
For Class 52 Rating, Deduct	-641.90	
For Class 54 Rating, Add	884.95	
For Class 55 Rating, Add	1,320.57	
For Class 56 Rating, Add	1,750.35	
40 05 19 00-0744 EA 12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,813.96	533.06
For Class 52 Rating, Deduct	-660.69	
For Class 54 Rating, Add	910.64	
For Class 55 Rating, Add	1,358.79	
For Class 56 Rating, Add	1,800.93	
40 05 19 00-0745 EA 12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,989.63	536.24
For Class 52 Rating, Deduct	-679.49	
For Class 54 Rating, Add	936.32	
For Class 55 Rating, Add	1,397.01	
For Class 56 Rating, Add	1,851.51	
40 05 19 00-0746 EA 12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,165.31	539.40
For Class 52 Rating, Deduct	-698.28	
For Class 54 Rating, Add	962.01	
For Class 55 Rating, Add	1,435.23	
For Class 56 Rating, Add	1,902.09	
40 05 19 00-0747 EA 12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,341.00	542.57
For Class 52 Rating, Deduct	-717.08	
For Class 54 Rating, Add	987.70	
For Class 55 Rating, Add	1,473.45	
For Class 56 Rating, Add	1,952.67	
40 05 19 00-0748 EA 12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,516.67	545.75
For Class 52 Rating, Deduct	-735.88	
For Class 54 Rating, Add	1,013.39	
For Class 55 Rating, Add	1,511.67	
For Class 56 Rating, Add	2,003.25	
40 05 19 00-0749 EA 12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,692.35	548.92
For Class 52 Rating, Deduct	-754.67	
For Class 54 Rating, Add	1,039.08	
For Class 55 Rating, Add	1,549.89	
For Class 56 Rating, Add	2,053.83	
40 05 19 00-0750 EA 12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,868.03	552.10
For Class 52 Rating, Deduct	-773.47	
For Class 54 Rating, Add	1,064.77	
For Class 55 Rating, Add	1,588.11	
For Class 56 Rating, Add	2,104.41	
40 05 19 00-0751 EA 12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,043.72	555.27
For Class 52 Rating, Deduct	-792.26	
For Class 54 Rating, Add	1,090.46	
For Class 55 Rating, Add	1,626.33	
For Class 56 Rating, Add	2,155.00	
40 05 19 00-0752 EA 12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,219.40	558.45
For Class 52 Rating, Deduct	-811.06	
For Class 54 Rating, Add	1,116.14	
For Class 55 Rating, Add	1,664.55	
For Class 56 Rating, Add	2,205.58	
40 05 19 00-0753 EA 12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,395.07	561.62
For Class 52 Rating, Deduct	-829.86	
For Class 54 Rating, Add	1,141.83	
For Class 55 Rating, Add	1,702.77	
For Class 56 Rating, Add	2,256.15	
40 05 19 00-0754 EA 12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,570.75	564.78
For Class 52 Rating, Deduct	-848.65	
For Class 54 Rating, Add	1,167.52	
For Class 55 Rating, Add	1,740.98	
For Class 56 Rating, Add	2,306.73	

40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0756	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,633.43	533.06
		<i>For Class 52 Rating, Deduct</i>		-200.83	
		<i>For Class 54 Rating, Add</i>		283.56	
		<i>For Class 55 Rating, Add</i>		426.53	
		<i>For Class 56 Rating, Add</i>		567.68	
40 05 19 00-0757	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,846.56	536.24
		<i>For Class 52 Rating, Deduct</i>		-223.75	
		<i>For Class 54 Rating, Add</i>		314.86	
		<i>For Class 55 Rating, Add</i>		473.10	
		<i>For Class 56 Rating, Add</i>		629.31	
40 05 19 00-0758	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,059.69	539.40
		<i>For Class 52 Rating, Deduct</i>		-246.67	
		<i>For Class 54 Rating, Add</i>		346.17	
		<i>For Class 55 Rating, Add</i>		519.67	
		<i>For Class 56 Rating, Add</i>		690.93	
40 05 19 00-0759	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,272.82	542.57
		<i>For Class 52 Rating, Deduct</i>		-269.58	
		<i>For Class 54 Rating, Add</i>		377.47	
		<i>For Class 55 Rating, Add</i>		566.24	
		<i>For Class 56 Rating, Add</i>		752.56	
40 05 19 00-0760	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,485.95	545.75
		<i>For Class 52 Rating, Deduct</i>		-292.50	
		<i>For Class 54 Rating, Add</i>		408.78	
		<i>For Class 55 Rating, Add</i>		612.82	
		<i>For Class 56 Rating, Add</i>		814.19	
40 05 19 00-0761	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,699.08	548.92
		<i>For Class 52 Rating, Deduct</i>		-315.41	
		<i>For Class 54 Rating, Add</i>		440.09	
		<i>For Class 55 Rating, Add</i>		659.39	
		<i>For Class 56 Rating, Add</i>		875.82	
40 05 19 00-0762	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,912.22	552.10
		<i>For Class 52 Rating, Deduct</i>		-338.33	
		<i>For Class 54 Rating, Add</i>		471.39	
		<i>For Class 55 Rating, Add</i>		705.96	
		<i>For Class 56 Rating, Add</i>		937.45	
40 05 19 00-0763	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,125.35	555.27
		<i>For Class 52 Rating, Deduct</i>		-361.24	
		<i>For Class 54 Rating, Add</i>		502.70	
		<i>For Class 55 Rating, Add</i>		752.53	
		<i>For Class 56 Rating, Add</i>		999.08	
40 05 19 00-0764	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,338.48	558.45
		<i>For Class 52 Rating, Deduct</i>		-384.16	
		<i>For Class 54 Rating, Add</i>		534.01	
		<i>For Class 55 Rating, Add</i>		799.10	
		<i>For Class 56 Rating, Add</i>		1,060.70	
40 05 19 00-0765	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,551.61	561.62
		<i>For Class 52 Rating, Deduct</i>		-407.07	
		<i>For Class 54 Rating, Add</i>		565.31	
		<i>For Class 55 Rating, Add</i>		845.67	
		<i>For Class 56 Rating, Add</i>		1,122.33	
40 05 19 00-0766	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,764.74	564.78
		<i>For Class 52 Rating, Deduct</i>		-429.99	
		<i>For Class 54 Rating, Add</i>		596.62	
		<i>For Class 55 Rating, Add</i>		892.24	
		<i>For Class 56 Rating, Add</i>		1,183.96	
40 05 19 00-0767	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,977.87	567.96
		<i>For Class 52 Rating, Deduct</i>		-452.91	
		<i>For Class 54 Rating, Add</i>		627.93	
		<i>For Class 55 Rating, Add</i>		938.82	
		<i>For Class 56 Rating, Add</i>		1,245.59	
40 05 19 00-0768	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,191.01	571.13
		<i>For Class 52 Rating, Deduct</i>		-475.82	
		<i>For Class 54 Rating, Add</i>		659.23	
		<i>For Class 55 Rating, Add</i>		985.39	
		<i>For Class 56 Rating, Add</i>		1,307.22	
40 05 19 00-0769	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,404.14	574.31
		<i>For Class 52 Rating, Deduct</i>		-498.74	
		<i>For Class 54 Rating, Add</i>		690.54	
		<i>For Class 55 Rating, Add</i>		1,031.96	
		<i>For Class 56 Rating, Add</i>		1,368.85	





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Ductile Iron Process Pipe	40 05 19

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0770 EA 14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	5,617.27	577.48
Pipe		
For Class 52 Rating, Deduct	-521.65	
For Class 54 Rating, Add	721.84	
For Class 55 Rating, Add	1,078.53	
For Class 56 Rating, Add	1,430.48	
40 05 19 00-0771 EA 14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	5,830.40	580.65
Pipe		
For Class 52 Rating, Deduct	-544.57	
For Class 54 Rating, Add	753.15	
For Class 55 Rating, Add	1,125.10	
For Class 56 Rating, Add	1,492.10	
40 05 19 00-0772 EA 14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,043.53	583.83
Pipe		
For Class 52 Rating, Deduct	-567.48	
For Class 54 Rating, Add	784.46	
For Class 55 Rating, Add	1,171.68	
For Class 56 Rating, Add	1,553.74	
40 05 19 00-0773 EA 14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,256.66	587.00
Pipe		
For Class 52 Rating, Deduct	-590.40	
For Class 54 Rating, Add	815.76	
For Class 55 Rating, Add	1,218.25	
For Class 56 Rating, Add	1,615.36	
40 05 19 00-0774 EA 14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,469.81	590.18
Pipe		
For Class 52 Rating, Deduct	-613.32	
For Class 54 Rating, Add	847.07	
For Class 55 Rating, Add	1,264.82	
For Class 56 Rating, Add	1,676.99	
40 05 19 00-0775 EA 14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,682.93	593.34
Pipe		
For Class 52 Rating, Deduct	-636.23	
For Class 54 Rating, Add	878.38	
For Class 55 Rating, Add	1,311.39	
For Class 56 Rating, Add	1,738.62	
40 05 19 00-0776 EA 14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,896.06	596.52
Pipe		
For Class 52 Rating, Deduct	-659.15	
For Class 54 Rating, Add	909.68	
For Class 55 Rating, Add	1,357.96	
For Class 56 Rating, Add	1,800.25	
40 05 19 00-0777 EA 14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,109.19	599.69
Pipe		
For Class 52 Rating, Deduct	-682.06	
For Class 54 Rating, Add	940.99	
For Class 55 Rating, Add	1,404.53	
For Class 56 Rating, Add	1,861.88	
40 05 19 00-0778 EA 14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,322.32	602.86
Pipe		
For Class 52 Rating, Deduct	-704.98	
For Class 54 Rating, Add	972.29	
For Class 55 Rating, Add	1,451.10	
For Class 56 Rating, Add	1,923.51	
40 05 19 00-0779 EA 14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,535.46	606.04
Pipe		
For Class 52 Rating, Deduct	-727.89	
For Class 54 Rating, Add	1,003.60	
For Class 55 Rating, Add	1,497.68	
For Class 56 Rating, Add	1,985.14	
40 05 19 00-0780 EA 14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,748.58	609.21
Pipe		
For Class 52 Rating, Deduct	-750.81	
For Class 54 Rating, Add	1,034.91	
For Class 55 Rating, Add	1,544.25	
For Class 56 Rating, Add	2,046.76	
40 05 19 00-0781 EA 14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,961.72	612.39
Pipe		
For Class 52 Rating, Deduct	-773.72	
For Class 54 Rating, Add	1,066.21	
For Class 55 Rating, Add	1,590.82	
For Class 56 Rating, Add	2,108.39	
40 05 19 00-0782 EA 14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	8,174.85	615.56
Pipe		
For Class 52 Rating, Deduct	-796.64	
For Class 54 Rating, Add	1,097.52	
For Class 55 Rating, Add	1,637.39	
For Class 56 Rating, Add	2,170.02	
40 05 19 00-0783 EA 14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	8,387.98	618.73
Pipe		
For Class 52 Rating, Deduct	-819.56	
For Class 54 Rating, Add	1,128.83	
For Class 55 Rating, Add	1,683.96	
For Class 56 Rating, Add	2,231.65	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0784	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,601.11	621.90
		<i>For Class 52 Rating, Deduct</i>		-842.47	
		<i>For Class 54 Rating, Add</i>		1,160.13	
		<i>For Class 55 Rating, Add</i>		1,730.54	
		<i>For Class 56 Rating, Add</i>		2,293.28	
40 05 19 00-0785	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,814.24	625.07
		<i>For Class 52 Rating, Deduct</i>		-865.39	
		<i>For Class 54 Rating, Add</i>		1,191.44	
		<i>For Class 55 Rating, Add</i>		1,777.11	
		<i>For Class 56 Rating, Add</i>		2,354.91	
40 05 19 00-0786	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,027.37	628.25
		<i>For Class 52 Rating, Deduct</i>		-888.30	
		<i>For Class 54 Rating, Add</i>		1,222.74	
		<i>For Class 55 Rating, Add</i>		1,823.68	
		<i>For Class 56 Rating, Add</i>		2,416.53	
40 05 19 00-0787	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,240.51	631.42
		<i>For Class 52 Rating, Deduct</i>		-911.22	
		<i>For Class 54 Rating, Add</i>		1,254.05	
		<i>For Class 55 Rating, Add</i>		1,870.25	
		<i>For Class 56 Rating, Add</i>		2,478.17	
40 05 19 00-0788	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,453.64	634.59
		<i>For Class 52 Rating, Deduct</i>		-934.13	
		<i>For Class 54 Rating, Add</i>		1,285.36	
		<i>For Class 55 Rating, Add</i>		1,916.82	
		<i>For Class 56 Rating, Add</i>		2,539.79	
40 05 19 00-0789	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,666.77	637.77
		<i>For Class 52 Rating, Deduct</i>		-957.05	
		<i>For Class 54 Rating, Add</i>		1,316.66	
		<i>For Class 55 Rating, Add</i>		1,963.39	
		<i>For Class 56 Rating, Add</i>		2,601.42	
40 05 19 00-0790	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,879.90	640.94
		<i>For Class 52 Rating, Deduct</i>		-979.97	
		<i>For Class 54 Rating, Add</i>		1,347.97	
		<i>For Class 55 Rating, Add</i>		2,009.96	
		<i>For Class 56 Rating, Add</i>		2,663.05	
40 05 19 00-0791	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,093.03	644.12
		<i>For Class 52 Rating, Deduct</i>		-1,002.88	
		<i>For Class 54 Rating, Add</i>		1,379.28	
		<i>For Class 55 Rating, Add</i>		2,056.54	
		<i>For Class 56 Rating, Add</i>		2,724.68	
40 05 19 00-0792	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,306.16	647.28
		<i>For Class 52 Rating, Deduct</i>		-1,025.80	
		<i>For Class 54 Rating, Add</i>		1,410.58	
		<i>For Class 55 Rating, Add</i>		2,103.11	
		<i>For Class 56 Rating, Add</i>		2,786.31	
40 05 19 00-0793	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,519.30	650.46
		<i>For Class 52 Rating, Deduct</i>		-1,048.71	
		<i>For Class 54 Rating, Add</i>		1,441.89	
		<i>For Class 55 Rating, Add</i>		2,149.68	
		<i>For Class 56 Rating, Add</i>		2,847.94	
40 05 19 00-0794		16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>			
40 05 19 00-0795	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,083.52	609.21
		<i>For Class 52 Rating, Deduct</i>		-237.65	
		<i>For Class 54 Rating, Add</i>		335.15	
		<i>For Class 55 Rating, Add</i>		503.94	
		<i>For Class 56 Rating, Add</i>		670.57	
40 05 19 00-0796	EA	16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,331.78	612.39
		<i>For Class 52 Rating, Deduct</i>		-264.43	
		<i>For Class 54 Rating, Add</i>		371.72	
		<i>For Class 55 Rating, Add</i>		558.34	
		<i>For Class 56 Rating, Add</i>		742.56	
40 05 19 00-0797	EA	16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,580.01	615.56
		<i>For Class 52 Rating, Deduct</i>		-291.21	
		<i>For Class 54 Rating, Add</i>		408.29	
		<i>For Class 55 Rating, Add</i>		612.74	
		<i>For Class 56 Rating, Add</i>		814.54	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0798 EA 16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,828.26	618.73
<i>For Class 52 Rating, Deduct</i>	-317.99	
<i>For Class 54 Rating, Add</i>	444.87	
<i>For Class 55 Rating, Add</i>	667.15	
<i>For Class 56 Rating, Add</i>	886.53	
40 05 19 00-0799 EA 16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,076.49	621.90
<i>For Class 52 Rating, Deduct</i>	-344.76	
<i>For Class 54 Rating, Add</i>	481.44	
<i>For Class 55 Rating, Add</i>	721.55	
<i>For Class 56 Rating, Add</i>	958.52	
40 05 19 00-0800 EA 16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,324.74	625.07
<i>For Class 52 Rating, Deduct</i>	-371.54	
<i>For Class 54 Rating, Add</i>	518.01	
<i>For Class 55 Rating, Add</i>	775.95	
<i>For Class 56 Rating, Add</i>	1,030.50	
40 05 19 00-0801 EA 16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,572.98	628.25
<i>For Class 52 Rating, Deduct</i>	-398.32	
<i>For Class 54 Rating, Add</i>	554.59	
<i>For Class 55 Rating, Add</i>	830.35	
<i>For Class 56 Rating, Add</i>	1,102.49	
40 05 19 00-0802 EA 16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,821.23	631.42
<i>For Class 52 Rating, Deduct</i>	-425.10	
<i>For Class 54 Rating, Add</i>	591.16	
<i>For Class 55 Rating, Add</i>	884.75	
<i>For Class 56 Rating, Add</i>	1,174.48	
40 05 19 00-0803 EA 16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,069.47	634.59
<i>For Class 52 Rating, Deduct</i>	-451.88	
<i>For Class 54 Rating, Add</i>	627.73	
<i>For Class 55 Rating, Add</i>	939.15	
<i>For Class 56 Rating, Add</i>	1,246.46	
40 05 19 00-0804 EA 16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,294.30	637.77
<i>For Class 52 Rating, Deduct</i>	-476.08	
<i>For Class 54 Rating, Add</i>	660.79	
<i>For Class 55 Rating, Add</i>	988.33	
<i>For Class 56 Rating, Add</i>	1,311.54	
40 05 19 00-0805 EA 16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,565.95	640.94
<i>For Class 52 Rating, Deduct</i>	-505.43	
<i>For Class 54 Rating, Add</i>	700.88	
<i>For Class 55 Rating, Add</i>	1,047.95	
<i>For Class 56 Rating, Add</i>	1,390.44	
40 05 19 00-0806 EA 16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,814.20	644.12
<i>For Class 52 Rating, Deduct</i>	-532.21	
<i>For Class 54 Rating, Add</i>	737.45	
<i>For Class 55 Rating, Add</i>	1,102.36	
<i>For Class 56 Rating, Add</i>	1,462.42	
40 05 19 00-0807 EA 16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,062.43	647.28
<i>For Class 52 Rating, Deduct</i>	-558.99	
<i>For Class 54 Rating, Add</i>	774.02	
<i>For Class 55 Rating, Add</i>	1,156.76	
<i>For Class 56 Rating, Add</i>	1,534.41	
40 05 19 00-0808 EA 16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,310.69	650.46
<i>For Class 52 Rating, Deduct</i>	-585.77	
<i>For Class 54 Rating, Add</i>	810.60	
<i>For Class 55 Rating, Add</i>	1,211.16	
<i>For Class 56 Rating, Add</i>	1,606.40	
40 05 19 00-0809 EA 16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,558.92	653.63
<i>For Class 52 Rating, Deduct</i>	-612.54	
<i>For Class 54 Rating, Add</i>	847.17	
<i>For Class 55 Rating, Add</i>	1,265.56	
<i>For Class 56 Rating, Add</i>	1,678.38	
40 05 19 00-0810 EA 16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,807.17	656.80
<i>For Class 52 Rating, Deduct</i>	-639.32	
<i>For Class 54 Rating, Add</i>	883.74	
<i>For Class 55 Rating, Add</i>	1,319.96	
<i>For Class 56 Rating, Add</i>	1,750.37	
40 05 19 00-0811 EA 16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,055.41	659.98
<i>For Class 52 Rating, Deduct</i>	-666.10	
<i>For Class 54 Rating, Add</i>	920.32	
<i>For Class 55 Rating, Add</i>	1,374.36	
<i>For Class 56 Rating, Add</i>	1,822.35	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0812	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,303.65	663.15
		<i>For Class 52 Rating, Deduct</i>		-692.88	
		<i>For Class 54 Rating, Add</i>		956.89	
		<i>For Class 55 Rating, Add</i>		1,428.76	
		<i>For Class 56 Rating, Add</i>		1,894.34	
40 05 19 00-0813	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,551.89	666.33
		<i>For Class 52 Rating, Deduct</i>		-719.65	
		<i>For Class 54 Rating, Add</i>		993.46	
		<i>For Class 55 Rating, Add</i>		1,483.17	
		<i>For Class 56 Rating, Add</i>		1,966.33	
40 05 19 00-0814	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,800.13	669.50
		<i>For Class 52 Rating, Deduct</i>		-746.43	
		<i>For Class 54 Rating, Add</i>		1,030.04	
		<i>For Class 55 Rating, Add</i>		1,537.57	
		<i>For Class 56 Rating, Add</i>		2,038.31	
40 05 19 00-0815	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,048.38	672.67
		<i>For Class 52 Rating, Deduct</i>		-773.21	
		<i>For Class 54 Rating, Add</i>		1,066.61	
		<i>For Class 55 Rating, Add</i>		1,591.97	
		<i>For Class 56 Rating, Add</i>		2,110.30	
40 05 19 00-0816	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,296.63	675.84
		<i>For Class 52 Rating, Deduct</i>		-799.99	
		<i>For Class 54 Rating, Add</i>		1,103.18	
		<i>For Class 55 Rating, Add</i>		1,646.37	
		<i>For Class 56 Rating, Add</i>		2,182.29	
40 05 19 00-0817	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,544.86	679.01
		<i>For Class 52 Rating, Deduct</i>		-826.77	
		<i>For Class 54 Rating, Add</i>		1,139.75	
		<i>For Class 55 Rating, Add</i>		1,700.77	
		<i>For Class 56 Rating, Add</i>		2,254.27	
40 05 19 00-0818	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,793.11	682.19
		<i>For Class 52 Rating, Deduct</i>		-853.54	
		<i>For Class 54 Rating, Add</i>		1,176.33	
		<i>For Class 55 Rating, Add</i>		1,755.17	
		<i>For Class 56 Rating, Add</i>		2,326.26	
40 05 19 00-0819	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,041.34	685.36
		<i>For Class 52 Rating, Deduct</i>		-880.32	
		<i>For Class 54 Rating, Add</i>		1,212.90	
		<i>For Class 55 Rating, Add</i>		1,809.57	
		<i>For Class 56 Rating, Add</i>		2,398.24	
40 05 19 00-0820	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,289.59	688.53
		<i>For Class 52 Rating, Deduct</i>		-907.10	
		<i>For Class 54 Rating, Add</i>		1,249.47	
		<i>For Class 55 Rating, Add</i>		1,863.98	
		<i>For Class 56 Rating, Add</i>		2,470.23	
40 05 19 00-0821	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,537.84	691.71
		<i>For Class 52 Rating, Deduct</i>		-933.88	
		<i>For Class 54 Rating, Add</i>		1,286.05	
		<i>For Class 55 Rating, Add</i>		1,918.38	
		<i>For Class 56 Rating, Add</i>		2,542.22	
40 05 19 00-0822	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,786.08	694.88
		<i>For Class 52 Rating, Deduct</i>		-960.66	
		<i>For Class 54 Rating, Add</i>		1,322.62	
		<i>For Class 55 Rating, Add</i>		1,972.78	
		<i>For Class 56 Rating, Add</i>		2,614.21	
40 05 19 00-0823	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,034.32	698.06
		<i>For Class 52 Rating, Deduct</i>		-987.43	
		<i>For Class 54 Rating, Add</i>		1,359.19	
		<i>For Class 55 Rating, Add</i>		2,027.18	
		<i>For Class 56 Rating, Add</i>		2,686.19	
40 05 19 00-0824	EA	16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,282.56	701.23
		<i>For Class 52 Rating, Deduct</i>		-1,014.21	
		<i>For Class 54 Rating, Add</i>		1,395.76	
		<i>For Class 55 Rating, Add</i>		2,081.58	
		<i>For Class 56 Rating, Add</i>		2,758.18	
40 05 19 00-0825	EA	16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,530.80	704.40
		<i>For Class 52 Rating, Deduct</i>		-1,040.99	
		<i>For Class 54 Rating, Add</i>		1,432.34	
		<i>For Class 55 Rating, Add</i>		2,135.98	
		<i>For Class 56 Rating, Add</i>		2,830.16	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0826 EA 16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	10,779.05	707.57
For Class 52 Rating, Deduct	-1,067.77	
For Class 54 Rating, Add	1,468.91	
For Class 55 Rating, Add	2,190.38	
For Class 56 Rating, Add	2,902.15	
40 05 19 00-0827 EA 16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,027.29	710.74
For Class 52 Rating, Deduct	-1,094.54	
For Class 54 Rating, Add	1,505.48	
For Class 55 Rating, Add	2,244.78	
For Class 56 Rating, Add	2,974.14	
40 05 19 00-0828 EA 16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,275.54	713.92
For Class 52 Rating, Deduct	-1,121.32	
For Class 54 Rating, Add	1,542.06	
For Class 55 Rating, Add	2,299.19	
For Class 56 Rating, Add	3,046.12	
40 05 19 00-0829 EA 16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,523.77	717.09
For Class 52 Rating, Deduct	-1,148.10	
For Class 54 Rating, Add	1,578.63	
For Class 55 Rating, Add	2,353.59	
For Class 56 Rating, Add	3,118.11	
40 05 19 00-0830 EA 16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	11,772.02	720.27
For Class 52 Rating, Deduct	-1,174.88	
For Class 54 Rating, Add	1,615.20	
For Class 55 Rating, Add	2,407.99	
For Class 56 Rating, Add	3,190.10	
40 05 19 00-0831 EA 16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,020.26	723.44
For Class 52 Rating, Deduct	-1,201.66	
For Class 54 Rating, Add	1,651.77	
For Class 55 Rating, Add	2,462.39	
For Class 56 Rating, Add	3,262.08	
40 05 19 00-0832 EA 16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	12,268.50	726.61
For Class 52 Rating, Deduct	-1,228.43	
For Class 54 Rating, Add	1,688.35	
For Class 55 Rating, Add	2,516.79	
For Class 56 Rating, Add	3,334.07	
<b>40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small></b>		
40 05 19 00-0834 EA 18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,603.44	686.64
For Class 52 Rating, Deduct	-281.94	
For Class 54 Rating, Add	396.95	
For Class 55 Rating, Add	596.54	
For Class 56 Rating, Add	793.56	
40 05 19 00-0835 EA 18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,889.13	689.81
For Class 52 Rating, Deduct	-312.84	
For Class 54 Rating, Add	439.14	
For Class 55 Rating, Add	659.29	
For Class 56 Rating, Add	876.60	
40 05 19 00-0836 EA 18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,174.83	692.98
For Class 52 Rating, Deduct	-343.73	
For Class 54 Rating, Add	481.33	
For Class 55 Rating, Add	722.04	
For Class 56 Rating, Add	959.63	
40 05 19 00-0837 EA 18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,460.52	696.16
For Class 52 Rating, Deduct	-374.63	
For Class 54 Rating, Add	523.52	
For Class 55 Rating, Add	784.80	
For Class 56 Rating, Add	1,042.67	
40 05 19 00-0838 EA 18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,746.21	699.32
For Class 52 Rating, Deduct	-405.53	
For Class 54 Rating, Add	565.71	
For Class 55 Rating, Add	847.55	
For Class 56 Rating, Add	1,125.70	
40 05 19 00-0839 EA 18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,031.90	702.50
For Class 52 Rating, Deduct	-436.43	
For Class 54 Rating, Add	607.90	
For Class 55 Rating, Add	910.30	
For Class 56 Rating, Add	1,208.74	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0840	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,317.60	705.67
		<i>For Class 52 Rating, Deduct</i>		-467.33	
		<i>For Class 54 Rating, Add</i>		650.09	
		<i>For Class 55 Rating, Add</i>		973.06	
		<i>For Class 56 Rating, Add</i>		1,291.77	
40 05 19 00-0841	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,603.30	708.85
		<i>For Class 52 Rating, Deduct</i>		-498.22	
		<i>For Class 54 Rating, Add</i>		692.28	
		<i>For Class 55 Rating, Add</i>		1,035.81	
		<i>For Class 56 Rating, Add</i>		1,374.80	
40 05 19 00-0842	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,888.99	712.02
		<i>For Class 52 Rating, Deduct</i>		-529.12	
		<i>For Class 54 Rating, Add</i>		734.47	
		<i>For Class 55 Rating, Add</i>		1,098.56	
		<i>For Class 56 Rating, Add</i>		1,457.84	
40 05 19 00-0843	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,174.69	715.19
		<i>For Class 52 Rating, Deduct</i>		-560.02	
		<i>For Class 54 Rating, Add</i>		776.66	
		<i>For Class 55 Rating, Add</i>		1,161.32	
		<i>For Class 56 Rating, Add</i>		1,540.88	
40 05 19 00-0844	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,460.37	718.37
		<i>For Class 52 Rating, Deduct</i>		-590.91	
		<i>For Class 54 Rating, Add</i>		818.85	
		<i>For Class 55 Rating, Add</i>		1,224.07	
		<i>For Class 56 Rating, Add</i>		1,623.91	
40 05 19 00-0845	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,746.07	721.54
		<i>For Class 52 Rating, Deduct</i>		-621.81	
		<i>For Class 54 Rating, Add</i>		861.04	
		<i>For Class 55 Rating, Add</i>		1,286.82	
		<i>For Class 56 Rating, Add</i>		1,706.94	
40 05 19 00-0846	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,031.77	724.72
		<i>For Class 52 Rating, Deduct</i>		-652.71	
		<i>For Class 54 Rating, Add</i>		903.24	
		<i>For Class 55 Rating, Add</i>		1,349.57	
		<i>For Class 56 Rating, Add</i>		1,789.98	
40 05 19 00-0847	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,317.46	727.88
		<i>For Class 52 Rating, Deduct</i>		-683.61	
		<i>For Class 54 Rating, Add</i>		945.43	
		<i>For Class 55 Rating, Add</i>		1,412.33	
		<i>For Class 56 Rating, Add</i>		1,873.01	
40 05 19 00-0848	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,603.16	731.05
		<i>For Class 52 Rating, Deduct</i>		-714.51	
		<i>For Class 54 Rating, Add</i>		987.62	
		<i>For Class 55 Rating, Add</i>		1,475.08	
		<i>For Class 56 Rating, Add</i>		1,956.05	
40 05 19 00-0849	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,888.84	734.23
		<i>For Class 52 Rating, Deduct</i>		-745.40	
		<i>For Class 54 Rating, Add</i>		1,029.81	
		<i>For Class 55 Rating, Add</i>		1,537.83	
		<i>For Class 56 Rating, Add</i>		2,039.08	
40 05 19 00-0850	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,174.54	737.40
		<i>For Class 52 Rating, Deduct</i>		-776.30	
		<i>For Class 54 Rating, Add</i>		1,072.00	
		<i>For Class 55 Rating, Add</i>		1,600.59	
		<i>For Class 56 Rating, Add</i>		2,122.12	
40 05 19 00-0851	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,460.24	740.58
		<i>For Class 52 Rating, Deduct</i>		-807.20	
		<i>For Class 54 Rating, Add</i>		1,114.19	
		<i>For Class 55 Rating, Add</i>		1,663.34	
		<i>For Class 56 Rating, Add</i>		2,205.15	
40 05 19 00-0852	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,745.92	743.75
		<i>For Class 52 Rating, Deduct</i>		-838.09	
		<i>For Class 54 Rating, Add</i>		1,156.38	
		<i>For Class 55 Rating, Add</i>		1,726.09	
		<i>For Class 56 Rating, Add</i>		2,288.18	
40 05 19 00-0853	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,031.63	746.92
		<i>For Class 52 Rating, Deduct</i>		-868.99	
		<i>For Class 54 Rating, Add</i>		1,198.57	
		<i>For Class 55 Rating, Add</i>		1,788.85	
		<i>For Class 56 Rating, Add</i>		2,371.22	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0854 EA 18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,317.32	750.10
Pipe		
For Class 52 Rating, Deduct	-899.89	
For Class 54 Rating, Add	1,240.76	
For Class 55 Rating, Add	1,851.60	
For Class 56 Rating, Add	2,454.26	
40 05 19 00-0855 EA 18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,603.01	753.26
Pipe		
For Class 52 Rating, Deduct	-930.79	
For Class 54 Rating, Add	1,282.95	
For Class 55 Rating, Add	1,914.35	
For Class 56 Rating, Add	2,537.29	
40 05 19 00-0856 EA 18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,888.70	756.44
Pipe		
For Class 52 Rating, Deduct	-961.68	
For Class 54 Rating, Add	1,325.14	
For Class 55 Rating, Add	1,977.10	
For Class 56 Rating, Add	2,620.32	
40 05 19 00-0857 EA 18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	10,174.40	759.61
Pipe		
For Class 52 Rating, Deduct	-992.58	
For Class 54 Rating, Add	1,367.33	
For Class 55 Rating, Add	2,039.86	
For Class 56 Rating, Add	2,703.36	
40 05 19 00-0858 EA 18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	10,460.09	762.79
Pipe		
For Class 52 Rating, Deduct	-1,023.48	
For Class 54 Rating, Add	1,409.52	
For Class 55 Rating, Add	2,102.61	
For Class 56 Rating, Add	2,786.39	
40 05 19 00-0859 EA 18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	10,745.79	765.96
Pipe		
For Class 52 Rating, Deduct	-1,054.38	
For Class 54 Rating, Add	1,451.71	
For Class 55 Rating, Add	2,165.36	
For Class 56 Rating, Add	2,869.43	
40 05 19 00-0860 EA 18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	11,031.48	769.13
Pipe		
For Class 52 Rating, Deduct	-1,085.27	
For Class 54 Rating, Add	1,493.90	
For Class 55 Rating, Add	2,228.12	
For Class 56 Rating, Add	2,952.46	
40 05 19 00-0861 EA 18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	11,317.17	772.31
Pipe		
For Class 52 Rating, Deduct	-1,116.17	
For Class 54 Rating, Add	1,536.09	
For Class 55 Rating, Add	2,290.87	
For Class 56 Rating, Add	3,035.50	
40 05 19 00-0862 EA 18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	11,602.87	775.48
Pipe		
For Class 52 Rating, Deduct	-1,147.07	
For Class 54 Rating, Add	1,578.29	
For Class 55 Rating, Add	2,353.62	
For Class 56 Rating, Add	3,118.53	
40 05 19 00-0863 EA 18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	11,888.56	778.66
Pipe		
For Class 52 Rating, Deduct	-1,177.97	
For Class 54 Rating, Add	1,620.48	
For Class 55 Rating, Add	2,416.37	
For Class 56 Rating, Add	3,201.56	
40 05 19 00-0864 EA 18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	12,174.25	781.82
Pipe		
For Class 52 Rating, Deduct	-1,208.86	
For Class 54 Rating, Add	1,662.67	
For Class 55 Rating, Add	2,479.13	
For Class 56 Rating, Add	3,284.60	
40 05 19 00-0865 EA 18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	12,459.95	784.99
Pipe		
For Class 52 Rating, Deduct	-1,239.76	
For Class 54 Rating, Add	1,704.86	
For Class 55 Rating, Add	2,541.88	
For Class 56 Rating, Add	3,367.64	
40 05 19 00-0866 EA 18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	12,745.64	788.17
Pipe		
For Class 52 Rating, Deduct	-1,270.66	
For Class 54 Rating, Add	1,747.05	
For Class 55 Rating, Add	2,604.63	
For Class 56 Rating, Add	3,450.67	
40 05 19 00-0867 EA 18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	13,031.34	791.34
Pipe		
For Class 52 Rating, Deduct	-1,301.56	
For Class 54 Rating, Add	1,789.24	
For Class 55 Rating, Add	2,667.39	
For Class 56 Rating, Add	3,533.70	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0868	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,317.04		794.52
		<i>For Class 52 Rating, Deduct</i>	-1,332.46		
		<i>For Class 54 Rating, Add</i>	1,831.43		
		<i>For Class 55 Rating, Add</i>	2,730.14		
		<i>For Class 56 Rating, Add</i>	3,616.74		
40 05 19 00-0869	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,602.72		797.69
		<i>For Class 52 Rating, Deduct</i>	-1,363.35		
		<i>For Class 54 Rating, Add</i>	1,873.62		
		<i>For Class 55 Rating, Add</i>	2,792.89		
		<i>For Class 56 Rating, Add</i>	3,699.77		
40 05 19 00-0870	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,888.42		800.86
		<i>For Class 52 Rating, Deduct</i>	-1,394.25		
		<i>For Class 54 Rating, Add</i>	1,915.81		
		<i>For Class 55 Rating, Add</i>	2,855.65		
		<i>For Class 56 Rating, Add</i>	3,782.81		
40 05 19 00-0871	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,174.11		804.04
		<i>For Class 52 Rating, Deduct</i>	-1,425.15		
		<i>For Class 54 Rating, Add</i>	1,958.00		
		<i>For Class 55 Rating, Add</i>	2,918.40		
		<i>For Class 56 Rating, Add</i>	3,865.84		
40 05 19 00-0872		<b>20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-0554)</small>			
40 05 19 00-0873	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,181.24		783.73
		<i>For Class 52 Rating, Deduct</i>	-329.32		
		<i>For Class 54 Rating, Add</i>	463.32		
		<i>For Class 55 Rating, Add</i>	696.11		
		<i>For Class 56 Rating, Add</i>	925.91		
40 05 19 00-0874	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,509.06		786.89
		<i>For Class 52 Rating, Deduct</i>	-364.85		
		<i>For Class 54 Rating, Add</i>	511.83		
		<i>For Class 55 Rating, Add</i>	768.26		
		<i>For Class 56 Rating, Add</i>	1,021.38		
40 05 19 00-0875	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,836.90		790.07
		<i>For Class 52 Rating, Deduct</i>	-400.38		
		<i>For Class 54 Rating, Add</i>	560.34		
		<i>For Class 55 Rating, Add</i>	840.41		
		<i>For Class 56 Rating, Add</i>	1,116.84		
40 05 19 00-0876	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,164.73		793.24
		<i>For Class 52 Rating, Deduct</i>	-435.91		
		<i>For Class 54 Rating, Add</i>	608.85		
		<i>For Class 55 Rating, Add</i>	912.56		
		<i>For Class 56 Rating, Add</i>	1,212.31		
40 05 19 00-0877	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,492.55		796.41
		<i>For Class 52 Rating, Deduct</i>	-471.44		
		<i>For Class 54 Rating, Add</i>	657.36		
		<i>For Class 55 Rating, Add</i>	984.71		
		<i>For Class 56 Rating, Add</i>	1,307.77		
40 05 19 00-0878	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,820.38		799.59
		<i>For Class 52 Rating, Deduct</i>	-506.98		
		<i>For Class 54 Rating, Add</i>	705.87		
		<i>For Class 55 Rating, Add</i>	1,056.86		
		<i>For Class 56 Rating, Add</i>	1,403.23		
40 05 19 00-0879	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,148.20		802.76
		<i>For Class 52 Rating, Deduct</i>	-542.51		
		<i>For Class 54 Rating, Add</i>	754.38		
		<i>For Class 55 Rating, Add</i>	1,129.00		
		<i>For Class 56 Rating, Add</i>	1,498.70		
40 05 19 00-0880	EA	20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,476.03		805.94
		<i>For Class 52 Rating, Deduct</i>	-578.04		
		<i>For Class 54 Rating, Add</i>	802.89		
		<i>For Class 55 Rating, Add</i>	1,201.15		
		<i>For Class 56 Rating, Add</i>	1,594.16		
40 05 19 00-0881	EA	20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,803.86		809.11
		<i>For Class 52 Rating, Deduct</i>	-613.57		
		<i>For Class 54 Rating, Add</i>	851.40		
		<i>For Class 55 Rating, Add</i>	1,273.30		
		<i>For Class 56 Rating, Add</i>	1,689.63		



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0882 EA 20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	7,131.69	812.28
For Class 52 Rating, Deduct	-649.11	
For Class 54 Rating, Add	899.91	
For Class 55 Rating, Add	1,345.45	
For Class 56 Rating, Add	1,785.09	
40 05 19 00-0883 EA 20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	7,459.51	815.45
For Class 52 Rating, Deduct	-684.64	
For Class 54 Rating, Add	948.42	
For Class 55 Rating, Add	1,417.60	
For Class 56 Rating, Add	1,880.55	
40 05 19 00-0884 EA 20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	7,787.33	818.62
For Class 52 Rating, Deduct	-720.17	
For Class 54 Rating, Add	996.93	
For Class 55 Rating, Add	1,489.75	
For Class 56 Rating, Add	1,976.01	
40 05 19 00-0885 EA 20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,115.16	821.80
For Class 52 Rating, Deduct	-755.70	
For Class 54 Rating, Add	1,045.44	
For Class 55 Rating, Add	1,561.90	
For Class 56 Rating, Add	2,071.48	
40 05 19 00-0886 EA 20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,442.99	824.97
For Class 52 Rating, Deduct	-791.23	
For Class 54 Rating, Add	1,093.95	
For Class 55 Rating, Add	1,634.04	
For Class 56 Rating, Add	2,166.94	
40 05 19 00-0887 EA 20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,770.81	828.15
For Class 52 Rating, Deduct	-826.77	
For Class 54 Rating, Add	1,142.46	
For Class 55 Rating, Add	1,706.19	
For Class 56 Rating, Add	2,262.41	
40 05 19 00-0888 EA 20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	9,098.65	831.32
For Class 52 Rating, Deduct	-862.30	
For Class 54 Rating, Add	1,190.98	
For Class 55 Rating, Add	1,778.34	
For Class 56 Rating, Add	2,357.87	
40 05 19 00-0889 EA 20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	9,426.47	834.49
For Class 52 Rating, Deduct	-897.83	
For Class 54 Rating, Add	1,239.49	
For Class 55 Rating, Add	1,850.49	
For Class 56 Rating, Add	2,453.33	
40 05 19 00-0890 EA 20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	9,754.30	837.67
For Class 52 Rating, Deduct	-933.36	
For Class 54 Rating, Add	1,288.00	
For Class 55 Rating, Add	1,922.64	
For Class 56 Rating, Add	2,548.80	
40 05 19 00-0891 EA 20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	10,082.12	840.83
For Class 52 Rating, Deduct	-968.89	
For Class 54 Rating, Add	1,336.51	
For Class 55 Rating, Add	1,994.79	
For Class 56 Rating, Add	2,644.26	
40 05 19 00-0892 EA 20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	10,409.95	844.01
For Class 52 Rating, Deduct	-1,004.43	
For Class 54 Rating, Add	1,385.02	
For Class 55 Rating, Add	2,066.94	
For Class 56 Rating, Add	2,739.73	
40 05 19 00-0893 EA 20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	10,737.78	847.18
For Class 52 Rating, Deduct	-1,039.96	
For Class 54 Rating, Add	1,433.53	
For Class 55 Rating, Add	2,139.09	
For Class 56 Rating, Add	2,835.19	
40 05 19 00-0894 EA 20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	11,065.61	850.35
For Class 52 Rating, Deduct	-1,075.49	
For Class 54 Rating, Add	1,482.04	
For Class 55 Rating, Add	2,211.24	
For Class 56 Rating, Add	2,930.65	
40 05 19 00-0895 EA 20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	11,393.44	853.53
For Class 52 Rating, Deduct	-1,111.02	
For Class 54 Rating, Add	1,530.55	
For Class 55 Rating, Add	2,283.38	
For Class 56 Rating, Add	3,026.12	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0896	EA		20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,721.26	856.70
			For Class 52 Rating, Deduct	-1,146.56	
			For Class 54 Rating, Add	1,579.06	
			For Class 55 Rating, Add	2,355.53	
			For Class 56 Rating, Add	3,121.58	
40 05 19 00-0897	EA		20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,049.09	859.88
			For Class 52 Rating, Deduct	-1,182.09	
			For Class 54 Rating, Add	1,627.57	
			For Class 55 Rating, Add	2,427.68	
			For Class 56 Rating, Add	3,217.05	
40 05 19 00-0898	EA		20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,376.91	863.05
			For Class 52 Rating, Deduct	-1,217.62	
			For Class 54 Rating, Add	1,676.08	
			For Class 55 Rating, Add	2,499.83	
			For Class 56 Rating, Add	3,312.51	
40 05 19 00-0899	EA		20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,704.73	866.23
			For Class 52 Rating, Deduct	-1,253.15	
			For Class 54 Rating, Add	1,724.59	
			For Class 55 Rating, Add	2,571.98	
			For Class 56 Rating, Add	3,407.97	
40 05 19 00-0900	EA		20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,032.56	869.39
			For Class 52 Rating, Deduct	-1,288.68	
			For Class 54 Rating, Add	1,773.10	
			For Class 55 Rating, Add	2,644.13	
			For Class 56 Rating, Add	3,503.43	
40 05 19 00-0901	EA		20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,360.39	872.56
			For Class 52 Rating, Deduct	-1,324.22	
			For Class 54 Rating, Add	1,821.61	
			For Class 55 Rating, Add	2,716.28	
			For Class 56 Rating, Add	3,598.90	
40 05 19 00-0902	EA		20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,688.22	875.74
			For Class 52 Rating, Deduct	-1,359.75	
			For Class 54 Rating, Add	1,870.12	
			For Class 55 Rating, Add	2,788.42	
			For Class 56 Rating, Add	3,694.36	
40 05 19 00-0903	EA		20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,016.05	878.91
			For Class 52 Rating, Deduct	-1,395.28	
			For Class 54 Rating, Add	1,918.63	
			For Class 55 Rating, Add	2,860.57	
			For Class 56 Rating, Add	3,789.83	
40 05 19 00-0904	EA		20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,343.87	882.09
			For Class 52 Rating, Deduct	-1,430.81	
			For Class 54 Rating, Add	1,967.14	
			For Class 55 Rating, Add	2,932.72	
			For Class 56 Rating, Add	3,885.29	
40 05 19 00-0905	EA		20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,671.70	885.26
			For Class 52 Rating, Deduct	-1,466.34	
			For Class 54 Rating, Add	2,015.66	
			For Class 55 Rating, Add	3,004.87	
			For Class 56 Rating, Add	3,980.75	
40 05 19 00-0906	EA		20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,999.52	888.43
			For Class 52 Rating, Deduct	-1,501.88	
			For Class 54 Rating, Add	2,064.17	
			For Class 55 Rating, Add	3,077.02	
			For Class 56 Rating, Add	4,076.22	
40 05 19 00-0907	EA		20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,327.36	891.61
			For Class 52 Rating, Deduct	-1,537.41	
			For Class 54 Rating, Add	2,112.68	
			For Class 55 Rating, Add	3,149.17	
			For Class 56 Rating, Add	4,171.68	
40 05 19 00-0908	EA		20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,655.19	894.78
			For Class 52 Rating, Deduct	-1,572.94	
			For Class 54 Rating, Add	2,161.19	
			For Class 55 Rating, Add	3,221.32	
			For Class 56 Rating, Add	4,267.15	
40 05 19 00-0909	EA		20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,983.01	897.95
			For Class 52 Rating, Deduct	-1,608.47	
			For Class 54 Rating, Add	2,209.70	
			For Class 55 Rating, Add	3,293.47	
			For Class 56 Rating, Add	4,362.61	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0910 EA 20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,310.84	901.12
For Class 52 Rating, Deduct	-1,644.01	
For Class 54 Rating, Add	2,258.21	
For Class 55 Rating, Add	3,365.61	
For Class 56 Rating, Add	4,458.07	
<b>40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small></b>		
40 05 19 00-0912 EA 24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,186.40	926.50
For Class 52 Rating, Deduct	-416.09	
For Class 54 Rating, Add	584.24	
For Class 55 Rating, Add	877.21	
For Class 56 Rating, Add	1,166.40	
40 05 19 00-0913 EA 24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,591.48	929.68
For Class 52 Rating, Deduct	-460.12	
For Class 54 Rating, Add	644.33	
For Class 55 Rating, Add	966.59	
For Class 56 Rating, Add	1,284.66	
40 05 19 00-0914 EA 24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,996.55	932.85
For Class 52 Rating, Deduct	-504.14	
For Class 54 Rating, Add	704.43	
For Class 55 Rating, Add	1,055.96	
For Class 56 Rating, Add	1,402.91	
40 05 19 00-0915 EA 24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,401.61	936.03
For Class 52 Rating, Deduct	-548.17	
For Class 54 Rating, Add	764.53	
For Class 55 Rating, Add	1,145.33	
For Class 56 Rating, Add	1,521.16	
40 05 19 00-0916 EA 24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,806.69	939.20
For Class 52 Rating, Deduct	-592.20	
For Class 54 Rating, Add	824.63	
For Class 55 Rating, Add	1,234.71	
For Class 56 Rating, Add	1,639.41	
40 05 19 00-0917 EA 24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,211.76	942.37
For Class 52 Rating, Deduct	-636.23	
For Class 54 Rating, Add	884.72	
For Class 55 Rating, Add	1,324.08	
For Class 56 Rating, Add	1,757.66	
40 05 19 00-0918 EA 24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,616.82	945.55
For Class 52 Rating, Deduct	-680.26	
For Class 54 Rating, Add	944.82	
For Class 55 Rating, Add	1,413.46	
For Class 56 Rating, Add	1,875.91	
40 05 19 00-0919 EA 24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,021.90	948.72
For Class 52 Rating, Deduct	-724.29	
For Class 54 Rating, Add	1,004.92	
For Class 55 Rating, Add	1,502.83	
For Class 56 Rating, Add	1,994.16	
40 05 19 00-0920 EA 24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,426.97	951.89
For Class 52 Rating, Deduct	-768.32	
For Class 54 Rating, Add	1,065.01	
For Class 55 Rating, Add	1,592.20	
For Class 56 Rating, Add	2,112.41	
40 05 19 00-0921 EA 24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,832.04	955.06
For Class 52 Rating, Deduct	-812.35	
For Class 54 Rating, Add	1,125.11	
For Class 55 Rating, Add	1,681.58	
For Class 56 Rating, Add	2,230.66	
40 05 19 00-0922 EA 24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,237.10	958.23
For Class 52 Rating, Deduct	-856.38	
For Class 54 Rating, Add	1,185.21	
For Class 55 Rating, Add	1,770.95	
For Class 56 Rating, Add	2,348.91	
40 05 19 00-0923 EA 24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,642.18	961.41
For Class 52 Rating, Deduct	-900.41	
For Class 54 Rating, Add	1,245.31	
For Class 55 Rating, Add	1,860.33	
For Class 56 Rating, Add	2,467.16	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0924	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,047.25	964.58
		<i>For Class 52 Rating, Deduct</i>		-944.43	
		<i>For Class 54 Rating, Add</i>		1,305.40	
		<i>For Class 55 Rating, Add</i>		1,949.70	
		<i>For Class 56 Rating, Add</i>		2,585.41	
40 05 19 00-0925	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,452.31	967.76
		<i>For Class 52 Rating, Deduct</i>		-988.46	
		<i>For Class 54 Rating, Add</i>		1,365.50	
		<i>For Class 55 Rating, Add</i>		2,039.07	
		<i>For Class 56 Rating, Add</i>		2,703.66	
40 05 19 00-0926	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,857.40	970.93
		<i>For Class 52 Rating, Deduct</i>		-1,032.49	
		<i>For Class 54 Rating, Add</i>		1,425.60	
		<i>For Class 55 Rating, Add</i>		2,128.45	
		<i>For Class 56 Rating, Add</i>		2,821.92	
40 05 19 00-0927	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,262.46	974.11
		<i>For Class 52 Rating, Deduct</i>		-1,076.52	
		<i>For Class 54 Rating, Add</i>		1,485.69	
		<i>For Class 55 Rating, Add</i>		2,217.82	
		<i>For Class 56 Rating, Add</i>		2,940.17	
40 05 19 00-0928	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,667.53	977.27
		<i>For Class 52 Rating, Deduct</i>		-1,120.55	
		<i>For Class 54 Rating, Add</i>		1,545.79	
		<i>For Class 55 Rating, Add</i>		2,307.20	
		<i>For Class 56 Rating, Add</i>		3,058.41	
40 05 19 00-0929	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,072.61	980.44
		<i>For Class 52 Rating, Deduct</i>		-1,164.58	
		<i>For Class 54 Rating, Add</i>		1,605.89	
		<i>For Class 55 Rating, Add</i>		2,396.57	
		<i>For Class 56 Rating, Add</i>		3,176.67	
40 05 19 00-0930	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,477.67	983.62
		<i>For Class 52 Rating, Deduct</i>		-1,208.61	
		<i>For Class 54 Rating, Add</i>		1,665.98	
		<i>For Class 55 Rating, Add</i>		2,485.94	
		<i>For Class 56 Rating, Add</i>		3,294.92	
40 05 19 00-0931	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,882.74	986.79
		<i>For Class 52 Rating, Deduct</i>		-1,252.64	
		<i>For Class 54 Rating, Add</i>		1,726.08	
		<i>For Class 55 Rating, Add</i>		2,575.32	
		<i>For Class 56 Rating, Add</i>		3,413.17	
40 05 19 00-0932	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,287.82	989.97
		<i>For Class 52 Rating, Deduct</i>		-1,296.67	
		<i>For Class 54 Rating, Add</i>		1,786.18	
		<i>For Class 55 Rating, Add</i>		2,664.69	
		<i>For Class 56 Rating, Add</i>		3,531.42	
40 05 19 00-0933	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,692.89	993.14
		<i>For Class 52 Rating, Deduct</i>		-1,340.69	
		<i>For Class 54 Rating, Add</i>		1,846.28	
		<i>For Class 55 Rating, Add</i>		2,754.07	
		<i>For Class 56 Rating, Add</i>		3,649.67	
40 05 19 00-0934	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,097.96	996.31
		<i>For Class 52 Rating, Deduct</i>		-1,384.72	
		<i>For Class 54 Rating, Add</i>		1,906.37	
		<i>For Class 55 Rating, Add</i>		2,843.44	
		<i>For Class 56 Rating, Add</i>		3,767.92	
40 05 19 00-0935	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,503.03	999.49
		<i>For Class 52 Rating, Deduct</i>		-1,428.75	
		<i>For Class 54 Rating, Add</i>		1,966.47	
		<i>For Class 55 Rating, Add</i>		2,932.82	
		<i>For Class 56 Rating, Add</i>		3,886.17	
40 05 19 00-0936	EA	24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,908.10	1,002.66
		<i>For Class 52 Rating, Deduct</i>		-1,472.78	
		<i>For Class 54 Rating, Add</i>		2,026.57	
		<i>For Class 55 Rating, Add</i>		3,022.19	
		<i>For Class 56 Rating, Add</i>		4,004.42	
40 05 19 00-0937	EA	24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,313.16	1,005.83
		<i>For Class 52 Rating, Deduct</i>		-1,516.81	
		<i>For Class 54 Rating, Add</i>		2,086.66	
		<i>For Class 55 Rating, Add</i>		3,111.56	
		<i>For Class 56 Rating, Add</i>		4,122.67	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0938 EA 24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	15,718.23	1,009.00
<i>For Class 52 Rating, Deduct</i>	-1,560.84	
<i>For Class 54 Rating, Add</i>	2,146.76	
<i>For Class 55 Rating, Add</i>	3,200.94	
<i>For Class 56 Rating, Add</i>	4,240.92	
40 05 19 00-0939 EA 24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,123.32	1,012.17
<i>For Class 52 Rating, Deduct</i>	-1,604.87	
<i>For Class 54 Rating, Add</i>	2,206.86	
<i>For Class 55 Rating, Add</i>	3,290.31	
<i>For Class 56 Rating, Add</i>	4,359.17	
40 05 19 00-0940 EA 24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	16,528.38	1,015.35
<i>For Class 52 Rating, Deduct</i>	-1,648.90	
<i>For Class 54 Rating, Add</i>	2,266.96	
<i>For Class 55 Rating, Add</i>	3,379.69	
<i>For Class 56 Rating, Add</i>	4,477.42	
40 05 19 00-0941 EA 24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,015.18	1,072.46
<i>For Class 52 Rating, Deduct</i>	-1,692.93	
<i>For Class 54 Rating, Add</i>	2,328.03	
<i>For Class 55 Rating, Add</i>	3,471.02	
<i>For Class 56 Rating, Add</i>	4,598.62	
40 05 19 00-0942 EA 24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,420.25	1,075.64
<i>For Class 52 Rating, Deduct</i>	-1,736.96	
<i>For Class 54 Rating, Add</i>	2,388.13	
<i>For Class 55 Rating, Add</i>	3,560.40	
<i>For Class 56 Rating, Add</i>	4,716.87	
40 05 19 00-0943 EA 24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	17,825.32	1,078.81
<i>For Class 52 Rating, Deduct</i>	-1,780.98	
<i>For Class 54 Rating, Add</i>	2,448.23	
<i>For Class 55 Rating, Add</i>	3,649.77	
<i>For Class 56 Rating, Add</i>	4,835.12	
40 05 19 00-0944 EA 24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,230.39	1,081.99
<i>For Class 52 Rating, Deduct</i>	-1,825.01	
<i>For Class 54 Rating, Add</i>	2,508.33	
<i>For Class 55 Rating, Add</i>	3,739.14	
<i>For Class 56 Rating, Add</i>	4,953.37	
40 05 19 00-0945 EA 24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	18,635.46	1,085.16
<i>For Class 52 Rating, Deduct</i>	-1,869.04	
<i>For Class 54 Rating, Add</i>	2,568.42	
<i>For Class 55 Rating, Add</i>	3,828.52	
<i>For Class 56 Rating, Add</i>	5,071.62	
40 05 19 00-0946 EA 24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,040.53	1,088.32
<i>For Class 52 Rating, Deduct</i>	-1,913.07	
<i>For Class 54 Rating, Add</i>	2,628.52	
<i>For Class 55 Rating, Add</i>	3,917.89	
<i>For Class 56 Rating, Add</i>	5,189.87	
40 05 19 00-0947 EA 24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,445.60	1,091.50
<i>For Class 52 Rating, Deduct</i>	-1,957.10	
<i>For Class 54 Rating, Add</i>	2,688.62	
<i>For Class 55 Rating, Add</i>	4,007.26	
<i>For Class 56 Rating, Add</i>	5,308.12	
40 05 19 00-0948 EA 24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	19,850.68	1,094.67
<i>For Class 52 Rating, Deduct</i>	-2,001.13	
<i>For Class 54 Rating, Add</i>	2,748.72	
<i>For Class 55 Rating, Add</i>	4,096.64	
<i>For Class 56 Rating, Add</i>	5,426.37	
40 05 19 00-0949 EA 24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	20,255.75	1,097.85
<i>For Class 52 Rating, Deduct</i>	-2,045.16	
<i>For Class 54 Rating, Add</i>	2,808.81	
<i>For Class 55 Rating, Add</i>	4,186.01	
<i>For Class 56 Rating, Add</i>	5,544.62	
 40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0951 EA 30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	8,019.76	1,307.27
<i>For Class 52 Rating, Deduct</i>	-664.30	
<i>For Class 54 Rating, Add</i>	929.63	
<i>For Class 55 Rating, Add</i>	1,394.25	
<i>For Class 56 Rating, Add</i>	1,852.83	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0952	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,602.73	1,310.43
		<i>For Class 52 Rating, Deduct</i>		-727.89	
		<i>For Class 54 Rating, Add</i>		1,016.41	
		<i>For Class 55 Rating, Add</i>		1,523.29	
		<i>For Class 56 Rating, Add</i>		2,023.56	
40 05 19 00-0953	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,185.69	1,313.61
		<i>For Class 52 Rating, Deduct</i>		-791.49	
		<i>For Class 54 Rating, Add</i>		1,103.19	
		<i>For Class 55 Rating, Add</i>		1,652.34	
		<i>For Class 56 Rating, Add</i>		2,194.29	
40 05 19 00-0954	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,768.66	1,316.78
		<i>For Class 52 Rating, Deduct</i>		-855.09	
		<i>For Class 54 Rating, Add</i>		1,189.97	
		<i>For Class 55 Rating, Add</i>		1,781.38	
		<i>For Class 56 Rating, Add</i>		2,365.02	
40 05 19 00-0955	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,351.62	1,319.95
		<i>For Class 52 Rating, Deduct</i>		-918.69	
		<i>For Class 54 Rating, Add</i>		1,276.75	
		<i>For Class 55 Rating, Add</i>		1,910.43	
		<i>For Class 56 Rating, Add</i>		2,535.75	
40 05 19 00-0956	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,934.59	1,323.13
		<i>For Class 52 Rating, Deduct</i>		-982.28	
		<i>For Class 54 Rating, Add</i>		1,363.53	
		<i>For Class 55 Rating, Add</i>		2,039.47	
		<i>For Class 56 Rating, Add</i>		2,706.48	
40 05 19 00-0957	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,517.54	1,326.30
		<i>For Class 52 Rating, Deduct</i>		-1,045.88	
		<i>For Class 54 Rating, Add</i>		1,450.31	
		<i>For Class 55 Rating, Add</i>		2,168.51	
		<i>For Class 56 Rating, Add</i>		2,877.20	
40 05 19 00-0958	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,100.51	1,329.48
		<i>For Class 52 Rating, Deduct</i>		-1,109.48	
		<i>For Class 54 Rating, Add</i>		1,537.10	
		<i>For Class 55 Rating, Add</i>		2,297.56	
		<i>For Class 56 Rating, Add</i>		3,047.93	
40 05 19 00-0959	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,683.49	1,332.65
		<i>For Class 52 Rating, Deduct</i>		-1,173.08	
		<i>For Class 54 Rating, Add</i>		1,623.88	
		<i>For Class 55 Rating, Add</i>		2,426.60	
		<i>For Class 56 Rating, Add</i>		3,218.66	
40 05 19 00-0960	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,266.45	1,335.82
		<i>For Class 52 Rating, Deduct</i>		-1,236.67	
		<i>For Class 54 Rating, Add</i>		1,710.66	
		<i>For Class 55 Rating, Add</i>		2,555.65	
		<i>For Class 56 Rating, Add</i>		3,389.39	
40 05 19 00-0961	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,849.42	1,338.99
		<i>For Class 52 Rating, Deduct</i>		-1,300.27	
		<i>For Class 54 Rating, Add</i>		1,797.44	
		<i>For Class 55 Rating, Add</i>		2,684.69	
		<i>For Class 56 Rating, Add</i>		3,560.12	
40 05 19 00-0962	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,432.37	1,342.16
		<i>For Class 52 Rating, Deduct</i>		-1,363.87	
		<i>For Class 54 Rating, Add</i>		1,884.22	
		<i>For Class 55 Rating, Add</i>		2,813.74	
		<i>For Class 56 Rating, Add</i>		3,730.85	
40 05 19 00-0963	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,015.34	1,345.34
		<i>For Class 52 Rating, Deduct</i>		-1,427.46	
		<i>For Class 54 Rating, Add</i>		1,971.00	
		<i>For Class 55 Rating, Add</i>		2,942.78	
		<i>For Class 56 Rating, Add</i>		3,901.58	
40 05 19 00-0964	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,598.31	1,348.51
		<i>For Class 52 Rating, Deduct</i>		-1,491.06	
		<i>For Class 54 Rating, Add</i>		2,057.78	
		<i>For Class 55 Rating, Add</i>		3,071.83	
		<i>For Class 56 Rating, Add</i>		4,072.31	
40 05 19 00-0965	EA	30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,181.28	1,351.69
		<i>For Class 52 Rating, Deduct</i>		-1,554.66	
		<i>For Class 54 Rating, Add</i>		2,144.57	
		<i>For Class 55 Rating, Add</i>		3,200.87	
		<i>For Class 56 Rating, Add</i>		4,243.04	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0966 EA 30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	16,764.25	1,354.86
Pipe		
For Class 52 Rating, Deduct	-1,618.26	
For Class 54 Rating, Add	2,231.35	
For Class 55 Rating, Add	3,329.92	
For Class 56 Rating, Add	4,413.77	
40 05 19 00-0967 EA 30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	17,347.20	1,358.03
Pipe		
For Class 52 Rating, Deduct	-1,681.85	
For Class 54 Rating, Add	2,318.13	
For Class 55 Rating, Add	3,458.96	
For Class 56 Rating, Add	4,584.50	
40 05 19 00-0968 EA 30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	17,930.17	1,361.21
Pipe		
For Class 52 Rating, Deduct	-1,745.45	
For Class 54 Rating, Add	2,404.91	
For Class 55 Rating, Add	3,588.00	
For Class 56 Rating, Add	4,755.23	
40 05 19 00-0969 EA 30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	18,513.14	1,364.37
Pipe		
For Class 52 Rating, Deduct	-1,809.05	
For Class 54 Rating, Add	2,491.69	
For Class 55 Rating, Add	3,717.05	
For Class 56 Rating, Add	4,925.96	
40 05 19 00-0970 EA 30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	19,096.10	1,367.55
Pipe		
For Class 52 Rating, Deduct	-1,872.65	
For Class 54 Rating, Add	2,578.47	
For Class 55 Rating, Add	3,846.09	
For Class 56 Rating, Add	5,096.69	
40 05 19 00-0971 EA 30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	19,679.07	1,370.72
Pipe		
For Class 52 Rating, Deduct	-1,936.24	
For Class 54 Rating, Add	2,665.25	
For Class 55 Rating, Add	3,975.14	
For Class 56 Rating, Add	5,267.42	
40 05 19 00-0972 EA 30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	20,262.03	1,373.89
Pipe		
For Class 52 Rating, Deduct	-1,999.84	
For Class 54 Rating, Add	2,752.04	
For Class 55 Rating, Add	4,104.18	
For Class 56 Rating, Add	5,438.15	
40 05 19 00-0973 EA 30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	20,845.00	1,377.07
Pipe		
For Class 52 Rating, Deduct	-2,063.44	
For Class 54 Rating, Add	2,838.82	
For Class 55 Rating, Add	4,233.23	
For Class 56 Rating, Add	5,608.88	
40 05 19 00-0974 EA 30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	21,427.97	1,380.24
Pipe		
For Class 52 Rating, Deduct	-2,127.04	
For Class 54 Rating, Add	2,925.60	
For Class 55 Rating, Add	4,362.27	
For Class 56 Rating, Add	5,779.61	
40 05 19 00-0975 EA 30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	22,010.93	1,383.42
Pipe		
For Class 52 Rating, Deduct	-2,190.63	
For Class 54 Rating, Add	3,012.38	
For Class 55 Rating, Add	4,491.32	
For Class 56 Rating, Add	5,950.34	
40 05 19 00-0976 EA 30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	22,593.89	1,386.59
Pipe		
For Class 52 Rating, Deduct	-2,254.23	
For Class 54 Rating, Add	3,099.16	
For Class 55 Rating, Add	4,620.36	
For Class 56 Rating, Add	6,121.07	
40 05 19 00-0977 EA 30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	23,176.86	1,389.77
Pipe		
For Class 52 Rating, Deduct	-2,317.83	
For Class 54 Rating, Add	3,185.94	
For Class 55 Rating, Add	4,749.41	
For Class 56 Rating, Add	6,291.80	
40 05 19 00-0978 EA 30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	23,759.83	1,392.93
Pipe		
For Class 52 Rating, Deduct	-2,381.43	
For Class 54 Rating, Add	3,272.72	
For Class 55 Rating, Add	4,878.45	
For Class 56 Rating, Add	6,462.53	
40 05 19 00-0979 EA 30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	24,342.79	1,396.10
Pipe		
For Class 52 Rating, Deduct	-2,445.02	
For Class 54 Rating, Add	3,359.51	
For Class 55 Rating, Add	5,007.50	
For Class 56 Rating, Add	6,633.26	



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0980	EA		30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,925.76	1,399.28
			<i>For Class 52 Rating, Deduct</i>	-2,508.62	
			<i>For Class 54 Rating, Add</i>	3,446.29	
			<i>For Class 55 Rating, Add</i>	5,136.54	
			<i>For Class 56 Rating, Add</i>	6,803.99	
40 05 19 00-0981	EA		30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,508.72	1,402.45
			<i>For Class 52 Rating, Deduct</i>	-2,572.22	
			<i>For Class 54 Rating, Add</i>	3,533.07	
			<i>For Class 55 Rating, Add</i>	5,265.58	
			<i>For Class 56 Rating, Add</i>	6,974.72	
40 05 19 00-0982	EA		30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,091.68	1,405.63
			<i>For Class 52 Rating, Deduct</i>	-2,635.81	
			<i>For Class 54 Rating, Add</i>	3,619.85	
			<i>For Class 55 Rating, Add</i>	5,394.63	
			<i>For Class 56 Rating, Add</i>	7,145.45	
40 05 19 00-0983	EA		30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,674.65	1,408.80
			<i>For Class 52 Rating, Deduct</i>	-2,699.41	
			<i>For Class 54 Rating, Add</i>	3,706.63	
			<i>For Class 55 Rating, Add</i>	5,523.67	
			<i>For Class 56 Rating, Add</i>	7,316.18	
40 05 19 00-0984	EA		30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,257.62	1,411.97
			<i>For Class 52 Rating, Deduct</i>	-2,763.01	
			<i>For Class 54 Rating, Add</i>	3,793.41	
			<i>For Class 55 Rating, Add</i>	5,652.72	
			<i>For Class 56 Rating, Add</i>	7,486.91	
40 05 19 00-0985	EA		30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,840.58	1,415.15
			<i>For Class 52 Rating, Deduct</i>	-2,826.61	
			<i>For Class 54 Rating, Add</i>	3,880.19	
			<i>For Class 55 Rating, Add</i>	5,781.76	
			<i>For Class 56 Rating, Add</i>	7,657.63	
40 05 19 00-0986	EA		30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,423.55	1,418.31
			<i>For Class 52 Rating, Deduct</i>	-2,890.20	
			<i>For Class 54 Rating, Add</i>	3,966.97	
			<i>For Class 55 Rating, Add</i>	5,910.81	
			<i>For Class 56 Rating, Add</i>	7,828.36	
40 05 19 00-0987	EA		30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,006.51	1,421.49
			<i>For Class 52 Rating, Deduct</i>	-2,953.80	
			<i>For Class 54 Rating, Add</i>	4,053.76	
			<i>For Class 55 Rating, Add</i>	6,039.85	
			<i>For Class 56 Rating, Add</i>	7,999.09	
40 05 19 00-0988	EA		30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,589.48	1,424.66
			<i>For Class 52 Rating, Deduct</i>	-3,017.40	
			<i>For Class 54 Rating, Add</i>	4,140.54	
			<i>For Class 55 Rating, Add</i>	6,168.90	
			<i>For Class 56 Rating, Add</i>	8,169.82	

**40 05 19 00-0989 36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe** (40 05 19 00-0554)

40 05 19 00-0990	EA		36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,022.73	1,656.29
			<i>For Class 52 Rating, Deduct</i>	-936.45	
			<i>For Class 54 Rating, Add</i>	1,307.09	
			<i>For Class 55 Rating, Add</i>	1,958.67	
			<i>For Class 56 Rating, Add</i>	2,601.74	
40 05 19 00-0991	EA		36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,814.02	1,659.47
			<i>For Class 52 Rating, Deduct</i>	-1,022.96	
			<i>For Class 54 Rating, Add</i>	1,425.12	
			<i>For Class 55 Rating, Add</i>	2,134.17	
			<i>For Class 56 Rating, Add</i>	2,833.92	
40 05 19 00-0992	EA		36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,605.30	1,662.64
			<i>For Class 52 Rating, Deduct</i>	-1,109.48	
			<i>For Class 54 Rating, Add</i>	1,543.15	
			<i>For Class 55 Rating, Add</i>	2,309.67	
			<i>For Class 56 Rating, Add</i>	3,066.11	
40 05 19 00-0993	EA		36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,396.59	1,665.80
			<i>For Class 52 Rating, Deduct</i>	-1,195.99	
			<i>For Class 54 Rating, Add</i>	1,661.18	
			<i>For Class 55 Rating, Add</i>	2,485.17	
			<i>For Class 56 Rating, Add</i>	3,298.29	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-0994 EA 36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,187.89	1,668.98
<i>For Class 52 Rating, Deduct</i>	-1,282.50	
<i>For Class 54 Rating, Add</i>	1,779.21	
<i>For Class 55 Rating, Add</i>	2,660.68	
<i>For Class 56 Rating, Add</i>	3,530.48	
40 05 19 00-0995 EA 36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,979.18	1,672.15
<i>For Class 52 Rating, Deduct</i>	-1,369.02	
<i>For Class 54 Rating, Add</i>	1,897.24	
<i>For Class 55 Rating, Add</i>	2,836.18	
<i>For Class 56 Rating, Add</i>	3,762.66	
40 05 19 00-0996 EA 36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,770.47	1,675.33
<i>For Class 52 Rating, Deduct</i>	-1,455.53	
<i>For Class 54 Rating, Add</i>	2,015.27	
<i>For Class 55 Rating, Add</i>	3,011.68	
<i>For Class 56 Rating, Add</i>	3,994.85	
40 05 19 00-0997 EA 36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,561.75	1,678.50
<i>For Class 52 Rating, Deduct</i>	-1,542.04	
<i>For Class 54 Rating, Add</i>	2,133.30	
<i>For Class 55 Rating, Add</i>	3,187.18	
<i>For Class 56 Rating, Add</i>	4,227.03	
40 05 19 00-0998 EA 36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,353.04	1,681.67
<i>For Class 52 Rating, Deduct</i>	-1,628.56	
<i>For Class 54 Rating, Add</i>	2,251.33	
<i>For Class 55 Rating, Add</i>	3,362.68	
<i>For Class 56 Rating, Add</i>	4,459.22	
40 05 19 00-0999 EA 36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,144.34	1,684.85
<i>For Class 52 Rating, Deduct</i>	-1,715.07	
<i>For Class 54 Rating, Add</i>	2,369.36	
<i>For Class 55 Rating, Add</i>	3,538.18	
<i>For Class 56 Rating, Add</i>	4,691.41	
40 05 19 00-1000 EA 36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,935.62	1,688.02
<i>For Class 52 Rating, Deduct</i>	-1,801.58	
<i>For Class 54 Rating, Add</i>	2,487.39	
<i>For Class 55 Rating, Add</i>	3,713.68	
<i>For Class 56 Rating, Add</i>	4,923.59	
40 05 19 00-1001 EA 36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,726.92	1,691.20
<i>For Class 52 Rating, Deduct</i>	-1,888.10	
<i>For Class 54 Rating, Add</i>	2,605.42	
<i>For Class 55 Rating, Add</i>	3,889.18	
<i>For Class 56 Rating, Add</i>	5,155.77	
40 05 19 00-1002 EA 36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,518.20	1,694.36
<i>For Class 52 Rating, Deduct</i>	-1,974.61	
<i>For Class 54 Rating, Add</i>	2,723.45	
<i>For Class 55 Rating, Add</i>	4,064.68	
<i>For Class 56 Rating, Add</i>	5,387.96	
40 05 19 00-1003 EA 36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,309.49	1,697.54
<i>For Class 52 Rating, Deduct</i>	-2,061.12	
<i>For Class 54 Rating, Add</i>	2,841.48	
<i>For Class 55 Rating, Add</i>	4,240.18	
<i>For Class 56 Rating, Add</i>	5,620.14	
40 05 19 00-1004 EA 36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,100.79	1,700.71
<i>For Class 52 Rating, Deduct</i>	-2,147.63	
<i>For Class 54 Rating, Add</i>	2,959.51	
<i>For Class 55 Rating, Add</i>	4,415.69	
<i>For Class 56 Rating, Add</i>	5,852.33	
40 05 19 00-1005 EA 36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,892.07	1,703.88
<i>For Class 52 Rating, Deduct</i>	-2,234.15	
<i>For Class 54 Rating, Add</i>	3,077.54	
<i>For Class 55 Rating, Add</i>	4,591.19	
<i>For Class 56 Rating, Add</i>	6,084.52	
40 05 19 00-1006 EA 36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,683.36	1,707.06
<i>For Class 52 Rating, Deduct</i>	-2,320.66	
<i>For Class 54 Rating, Add</i>	3,195.57	
<i>For Class 55 Rating, Add</i>	4,766.69	
<i>For Class 56 Rating, Add</i>	6,316.70	
40 05 19 00-1007 EA 36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,474.65	1,710.23
<i>For Class 52 Rating, Deduct</i>	-2,407.17	
<i>For Class 54 Rating, Add</i>	3,313.60	
<i>For Class 55 Rating, Add</i>	4,942.19	
<i>For Class 56 Rating, Add</i>	6,548.89	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1008	EA		36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,265.94	1,713.41
			For Class 52 Rating, Deduct	-2,493.69	
			For Class 54 Rating, Add	3,431.63	
			For Class 55 Rating, Add	5,117.69	
			For Class 56 Rating, Add	6,781.07	
40 05 19 00-1009	EA		36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,057.24	1,716.58
			For Class 52 Rating, Deduct	-2,580.20	
			For Class 54 Rating, Add	3,549.66	
			For Class 55 Rating, Add	5,293.19	
			For Class 56 Rating, Add	7,013.26	
40 05 19 00-1010	EA		36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,848.52	1,719.75
			For Class 52 Rating, Deduct	-2,666.71	
			For Class 54 Rating, Add	3,667.69	
			For Class 55 Rating, Add	5,468.69	
			For Class 56 Rating, Add	7,245.44	
40 05 19 00-1011	EA		36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,639.81	1,722.92
			For Class 52 Rating, Deduct	-2,753.23	
			For Class 54 Rating, Add	3,785.72	
			For Class 55 Rating, Add	5,644.19	
			For Class 56 Rating, Add	7,477.63	
40 05 19 00-1012	EA		36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,431.09	1,726.09
			For Class 52 Rating, Deduct	-2,839.74	
			For Class 54 Rating, Add	3,903.75	
			For Class 55 Rating, Add	5,819.69	
			For Class 56 Rating, Add	7,709.81	
40 05 19 00-1013	EA		36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,222.38	1,729.27
			For Class 52 Rating, Deduct	-2,926.25	
			For Class 54 Rating, Add	4,021.78	
			For Class 55 Rating, Add	5,995.19	
			For Class 56 Rating, Add	7,942.00	
40 05 19 00-1014	EA		36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,013.67	1,732.44
			For Class 52 Rating, Deduct	-3,012.76	
			For Class 54 Rating, Add	4,139.81	
			For Class 55 Rating, Add	6,170.69	
			For Class 56 Rating, Add	8,174.18	
40 05 19 00-1015	EA		36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,804.97	1,735.61
			For Class 52 Rating, Deduct	-3,099.28	
			For Class 54 Rating, Add	4,257.84	
			For Class 55 Rating, Add	6,346.19	
			For Class 56 Rating, Add	8,406.37	
40 05 19 00-1016	EA		36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,596.26	1,738.79
			For Class 52 Rating, Deduct	-3,185.79	
			For Class 54 Rating, Add	4,375.87	
			For Class 55 Rating, Add	6,521.69	
			For Class 56 Rating, Add	8,638.55	
40 05 19 00-1017	EA		36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,387.54	1,741.96
			For Class 52 Rating, Deduct	-3,272.30	
			For Class 54 Rating, Add	4,493.90	
			For Class 55 Rating, Add	6,697.19	
			For Class 56 Rating, Add	8,870.74	
40 05 19 00-1018	EA		36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,178.83	1,745.14
			For Class 52 Rating, Deduct	-3,358.82	
			For Class 54 Rating, Add	4,611.93	
			For Class 55 Rating, Add	6,872.70	
			For Class 56 Rating, Add	9,102.92	
40 05 19 00-1019	EA		36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,970.11	1,748.30
			For Class 52 Rating, Deduct	-3,445.33	
			For Class 54 Rating, Add	4,729.96	
			For Class 55 Rating, Add	7,048.20	
			For Class 56 Rating, Add	9,335.11	
40 05 19 00-1020	EA		36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,761.42	1,751.48
			For Class 52 Rating, Deduct	-3,531.84	
			For Class 54 Rating, Add	4,847.99	
			For Class 55 Rating, Add	7,223.70	
			For Class 56 Rating, Add	9,567.30	
40 05 19 00-1021	EA		36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,552.71	1,754.65
			For Class 52 Rating, Deduct	-3,618.36	
			For Class 54 Rating, Add	4,966.02	
			For Class 55 Rating, Add	7,399.20	
			For Class 56 Rating, Add	9,799.48	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1022 EA 36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	36,343.99	1,757.82
Pipe		
For Class 52 Rating, Deduct	-3,704.87	
For Class 54 Rating, Add	5,084.05	
For Class 55 Rating, Add	7,574.70	
For Class 56 Rating, Add	10,031.66	
40 05 19 00-1023 EA 36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	37,135.28	1,761.00
Pipe		
For Class 52 Rating, Deduct	-3,791.38	
For Class 54 Rating, Add	5,202.08	
For Class 55 Rating, Add	7,750.20	
For Class 56 Rating, Add	10,263.85	
40 05 19 00-1024 EA 36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	37,926.56	1,764.17
Pipe		
For Class 52 Rating, Deduct	-3,877.89	
For Class 54 Rating, Add	5,320.11	
For Class 55 Rating, Add	7,925.70	
For Class 56 Rating, Add	10,496.03	
40 05 19 00-1025 EA 36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	38,717.86	1,767.35
Pipe		
For Class 52 Rating, Deduct	-3,964.41	
For Class 54 Rating, Add	5,438.14	
For Class 55 Rating, Add	8,101.20	
For Class 56 Rating, Add	10,728.22	
40 05 19 00-1026 EA 36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	39,509.16	1,770.52
Pipe		
For Class 52 Rating, Deduct	-4,050.92	
For Class 54 Rating, Add	5,556.17	
For Class 55 Rating, Add	8,276.70	
For Class 56 Rating, Add	10,960.41	
40 05 19 00-1027 EA 36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	40,300.44	1,773.69
Pipe		
For Class 52 Rating, Deduct	-4,137.43	
For Class 54 Rating, Add	5,674.20	
For Class 55 Rating, Add	8,452.20	
For Class 56 Rating, Add	11,192.59	
40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1030 EA 4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	574.52	155.17
Pipe		
For Class 52 Rating, Deduct	-37.33	
For Class 54 Rating, Add	53.73	
For Class 55 Rating, Add	81.33	
For Class 56 Rating, Add	108.59	
40 05 19 00-1031 EA 4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	639.48	157.89
Pipe		
For Class 52 Rating, Deduct	-44.03	
For Class 54 Rating, Add	62.91	
For Class 55 Rating, Add	95.00	
For Class 56 Rating, Add	126.69	
40 05 19 00-1032 EA 4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	704.45	160.61
Pipe		
For Class 52 Rating, Deduct	-50.72	
For Class 54 Rating, Add	72.09	
For Class 55 Rating, Add	108.67	
For Class 56 Rating, Add	144.79	
40 05 19 00-1033 EA 4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	769.43	163.31
Pipe		
For Class 52 Rating, Deduct	-57.42	
For Class 54 Rating, Add	81.27	
For Class 55 Rating, Add	122.34	
For Class 56 Rating, Add	162.89	
40 05 19 00-1034 EA 4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	834.39	166.03
Pipe		
For Class 52 Rating, Deduct	-64.11	
For Class 54 Rating, Add	90.44	
For Class 55 Rating, Add	136.01	
For Class 56 Rating, Add	180.99	
40 05 19 00-1035 EA 4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	899.36	168.75
Pipe		
For Class 52 Rating, Deduct	-70.81	
For Class 54 Rating, Add	99.62	
For Class 55 Rating, Add	149.68	
For Class 56 Rating, Add	199.10	
40 05 19 00-1036 EA 4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	964.34	171.46
Pipe		
For Class 52 Rating, Deduct	-77.50	
For Class 54 Rating, Add	108.80	
For Class 55 Rating, Add	163.35	
For Class 56 Rating, Add	217.20	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1037	EA	4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,029.30	174.16
		<i>For Class 52 Rating, Deduct</i>		-84.20	
		<i>For Class 54 Rating, Add</i>		117.98	
		<i>For Class 55 Rating, Add</i>		177.02	
		<i>For Class 56 Rating, Add</i>		235.30	
40 05 19 00-1038	EA	4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,094.26	176.88
		<i>For Class 52 Rating, Deduct</i>		-90.89	
		<i>For Class 54 Rating, Add</i>		127.16	
		<i>For Class 55 Rating, Add</i>		190.69	
		<i>For Class 56 Rating, Add</i>		253.40	
40 05 19 00-1039	EA	4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,159.24	179.60
		<i>For Class 52 Rating, Deduct</i>		-97.58	
		<i>For Class 54 Rating, Add</i>		136.33	
		<i>For Class 55 Rating, Add</i>		204.36	
		<i>For Class 56 Rating, Add</i>		271.50	
40 05 19 00-1040	EA	4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,224.21	182.30
		<i>For Class 52 Rating, Deduct</i>		-104.28	
		<i>For Class 54 Rating, Add</i>		145.51	
		<i>For Class 55 Rating, Add</i>		218.03	
		<i>For Class 56 Rating, Add</i>		289.60	
40 05 19 00-1041	EA	4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,289.17	185.02
		<i>For Class 52 Rating, Deduct</i>		-110.97	
		<i>For Class 54 Rating, Add</i>		154.69	
		<i>For Class 55 Rating, Add</i>		231.70	
		<i>For Class 56 Rating, Add</i>		307.70	
40 05 19 00-1042	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,354.15	187.74
		<i>For Class 52 Rating, Deduct</i>		-117.67	
		<i>For Class 54 Rating, Add</i>		163.87	
		<i>For Class 55 Rating, Add</i>		245.37	
		<i>For Class 56 Rating, Add</i>		325.80	
40 05 19 00-1043	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,419.12	190.45
		<i>For Class 52 Rating, Deduct</i>		-124.36	
		<i>For Class 54 Rating, Add</i>		173.05	
		<i>For Class 55 Rating, Add</i>		259.04	
		<i>For Class 56 Rating, Add</i>		343.91	
40 05 19 00-1044	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,484.09	193.15
		<i>For Class 52 Rating, Deduct</i>		-131.06	
		<i>For Class 54 Rating, Add</i>		182.23	
		<i>For Class 55 Rating, Add</i>		272.71	
		<i>For Class 56 Rating, Add</i>		362.01	
40 05 19 00-1045	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,549.06	195.87
		<i>For Class 52 Rating, Deduct</i>		-137.75	
		<i>For Class 54 Rating, Add</i>		191.40	
		<i>For Class 55 Rating, Add</i>		286.38	
		<i>For Class 56 Rating, Add</i>		380.11	
40 05 19 00-1046	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,614.02	198.59
		<i>For Class 52 Rating, Deduct</i>		-144.45	
		<i>For Class 54 Rating, Add</i>		200.58	
		<i>For Class 55 Rating, Add</i>		300.05	
		<i>For Class 56 Rating, Add</i>		398.21	
40 05 19 00-1047	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,678.99	201.29
		<i>For Class 52 Rating, Deduct</i>		-151.14	
		<i>For Class 54 Rating, Add</i>		209.76	
		<i>For Class 55 Rating, Add</i>		313.72	
		<i>For Class 56 Rating, Add</i>		416.31	
40 05 19 00-1048	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,743.96	204.01
		<i>For Class 52 Rating, Deduct</i>		-157.83	
		<i>For Class 54 Rating, Add</i>		218.94	
		<i>For Class 55 Rating, Add</i>		327.39	
		<i>For Class 56 Rating, Add</i>		434.41	
40 05 19 00-1049	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,808.93	206.73
		<i>For Class 52 Rating, Deduct</i>		-164.53	
		<i>For Class 54 Rating, Add</i>		228.12	
		<i>For Class 55 Rating, Add</i>		341.06	
		<i>For Class 56 Rating, Add</i>		452.51	
40 05 19 00-1050	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,873.90	209.44
		<i>For Class 52 Rating, Deduct</i>		-171.22	
		<i>For Class 54 Rating, Add</i>		237.29	
		<i>For Class 55 Rating, Add</i>		354.73	
		<i>For Class 56 Rating, Add</i>		470.61	





<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1051 EA 4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,938.87	212.14
<i>For Class 52 Rating, Deduct</i>	-177.92	
<i>For Class 54 Rating, Add</i>	246.47	
<i>For Class 55 Rating, Add</i>	368.40	
<i>For Class 56 Rating, Add</i>	488.72	
40 05 19 00-1052 EA 4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,003.84	214.86
<i>For Class 52 Rating, Deduct</i>	-184.61	
<i>For Class 54 Rating, Add</i>	255.65	
<i>For Class 55 Rating, Add</i>	382.07	
<i>For Class 56 Rating, Add</i>	506.82	
40 05 19 00-1053 EA 4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,068.82	217.58
<i>For Class 52 Rating, Deduct</i>	-191.31	
<i>For Class 54 Rating, Add</i>	264.83	
<i>For Class 55 Rating, Add</i>	395.74	
<i>For Class 56 Rating, Add</i>	524.92	
40 05 19 00-1054 EA 4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,133.77	220.28
<i>For Class 52 Rating, Deduct</i>	-198.00	
<i>For Class 54 Rating, Add</i>	274.01	
<i>For Class 55 Rating, Add</i>	409.41	
<i>For Class 56 Rating, Add</i>	543.02	
40 05 19 00-1055 EA 4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,198.74	223.00
<i>For Class 52 Rating, Deduct</i>	-204.70	
<i>For Class 54 Rating, Add</i>	283.18	
<i>For Class 55 Rating, Add</i>	423.08	
<i>For Class 56 Rating, Add</i>	561.12	
40 05 19 00-1056 EA 4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,263.72	225.72
<i>For Class 52 Rating, Deduct</i>	-211.39	
<i>For Class 54 Rating, Add</i>	292.36	
<i>For Class 55 Rating, Add</i>	436.75	
<i>For Class 56 Rating, Add</i>	579.22	
40 05 19 00-1057 EA 4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,328.68	228.43
<i>For Class 52 Rating, Deduct</i>	-218.08	
<i>For Class 54 Rating, Add</i>	301.54	
<i>For Class 55 Rating, Add</i>	450.42	
<i>For Class 56 Rating, Add</i>	597.32	
40 05 19 00-1058 EA 4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,393.65	231.13
<i>For Class 52 Rating, Deduct</i>	-224.78	
<i>For Class 54 Rating, Add</i>	310.72	
<i>For Class 55 Rating, Add</i>	464.09	
<i>For Class 56 Rating, Add</i>	615.42	
40 05 19 00-1059 EA 4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,458.63	233.85
<i>For Class 52 Rating, Deduct</i>	-231.47	
<i>For Class 54 Rating, Add</i>	319.90	
<i>For Class 55 Rating, Add</i>	477.76	
<i>For Class 56 Rating, Add</i>	633.53	
40 05 19 00-1060 EA 4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,523.59	236.57
<i>For Class 52 Rating, Deduct</i>	-238.17	
<i>For Class 54 Rating, Add</i>	329.08	
<i>For Class 55 Rating, Add</i>	491.43	
<i>For Class 56 Rating, Add</i>	651.63	
40 05 19 00-1061 EA 4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,588.55	239.28
<i>For Class 52 Rating, Deduct</i>	-244.86	
<i>For Class 54 Rating, Add</i>	338.25	
<i>For Class 55 Rating, Add</i>	505.10	
<i>For Class 56 Rating, Add</i>	669.73	
40 05 19 00-1062 EA 4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,653.53	241.99
<i>For Class 52 Rating, Deduct</i>	-251.56	
<i>For Class 54 Rating, Add</i>	347.43	
<i>For Class 55 Rating, Add</i>	518.77	
<i>For Class 56 Rating, Add</i>	687.83	
40 05 19 00-1063 EA 4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,718.49	244.71
<i>For Class 52 Rating, Deduct</i>	-258.25	
<i>For Class 54 Rating, Add</i>	356.61	
<i>For Class 55 Rating, Add</i>	532.44	
<i>For Class 56 Rating, Add</i>	705.93	
40 05 19 00-1064 EA 4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,783.47	247.42
<i>For Class 52 Rating, Deduct</i>	-264.95	
<i>For Class 54 Rating, Add</i>	365.79	
<i>For Class 55 Rating, Add</i>	546.11	
<i>For Class 56 Rating, Add</i>	724.03	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT

UNIT COST

DEMOLITION

UNIT COST

40 05 19 00-1065	EA	4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,848.44	250.12
		<i>For Class 52 Rating, Deduct</i>	-271.64	
		<i>For Class 54 Rating, Add</i>	374.97	
		<i>For Class 55 Rating, Add</i>	559.79	
		<i>For Class 56 Rating, Add</i>	742.13	
40 05 19 00-1066	EA	4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,913.41	252.84
		<i>For Class 52 Rating, Deduct</i>	-278.34	
		<i>For Class 54 Rating, Add</i>	384.15	
		<i>For Class 55 Rating, Add</i>	573.46	
		<i>For Class 56 Rating, Add</i>	760.24	
40 05 19 00-1067	EA	4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,978.38	255.56
		<i>For Class 52 Rating, Deduct</i>	-285.03	
		<i>For Class 54 Rating, Add</i>	393.32	
		<i>For Class 55 Rating, Add</i>	587.13	
		<i>For Class 56 Rating, Add</i>	778.34	
40 05 19 00-1068	EA	4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,043.35	258.27
		<i>For Class 52 Rating, Deduct</i>	-291.72	
		<i>For Class 54 Rating, Add</i>	402.50	
		<i>For Class 55 Rating, Add</i>	600.80	
		<i>For Class 56 Rating, Add</i>	796.44	

40 05 19 00-1069 6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

40 05 19 00-1070	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	719.62	195.33
		<i>For Class 52 Rating, Deduct</i>	-46.60	
		<i>For Class 54 Rating, Add</i>	67.10	
		<i>For Class 55 Rating, Add</i>	101.58	
		<i>For Class 56 Rating, Add</i>	135.64	
40 05 19 00-1071	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	798.64	198.05
		<i>For Class 52 Rating, Deduct</i>	-54.84	
		<i>For Class 54 Rating, Add</i>	78.39	
		<i>For Class 55 Rating, Add</i>	118.38	
		<i>For Class 56 Rating, Add</i>	157.88	
40 05 19 00-1072	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	877.65	200.75
		<i>For Class 52 Rating, Deduct</i>	-63.08	
		<i>For Class 54 Rating, Add</i>	89.67	
		<i>For Class 55 Rating, Add</i>	135.19	
		<i>For Class 56 Rating, Add</i>	180.13	
40 05 19 00-1073	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	956.66	203.46
		<i>For Class 52 Rating, Deduct</i>	-71.32	
		<i>For Class 54 Rating, Add</i>	100.96	
		<i>For Class 55 Rating, Add</i>	151.99	
		<i>For Class 56 Rating, Add</i>	202.37	
40 05 19 00-1074	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,035.68	206.18
		<i>For Class 52 Rating, Deduct</i>	-79.56	
		<i>For Class 54 Rating, Add</i>	112.24	
		<i>For Class 55 Rating, Add</i>	168.79	
		<i>For Class 56 Rating, Add</i>	224.61	
40 05 19 00-1075	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,114.69	208.89
		<i>For Class 52 Rating, Deduct</i>	-87.80	
		<i>For Class 54 Rating, Add</i>	123.53	
		<i>For Class 55 Rating, Add</i>	185.59	
		<i>For Class 56 Rating, Add</i>	246.86	
40 05 19 00-1076	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,193.70	211.60
		<i>For Class 52 Rating, Deduct</i>	-96.04	
		<i>For Class 54 Rating, Add</i>	134.81	
		<i>For Class 55 Rating, Add</i>	202.39	
		<i>For Class 56 Rating, Add</i>	269.10	
40 05 19 00-1077	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,272.72	214.32
		<i>For Class 52 Rating, Deduct</i>	-104.28	
		<i>For Class 54 Rating, Add</i>	146.10	
		<i>For Class 55 Rating, Add</i>	219.20	
		<i>For Class 56 Rating, Add</i>	291.35	
40 05 19 00-1078	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.72	217.04
		<i>For Class 52 Rating, Deduct</i>	-112.52	
		<i>For Class 54 Rating, Add</i>	157.38	
		<i>For Class 55 Rating, Add</i>	236.00	
		<i>For Class 56 Rating, Add</i>	313.59	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1079 EA 6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,430.74	219.74
<i>For Class 52 Rating, Deduct</i>	-120.76	
<i>For Class 54 Rating, Add</i>	168.67	
<i>For Class 55 Rating, Add</i>	252.80	
<i>For Class 56 Rating, Add</i>	335.84	
40 05 19 00-1080 EA 6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,509.76	222.45
<i>For Class 52 Rating, Deduct</i>	-129.00	
<i>For Class 54 Rating, Add</i>	179.95	
<i>For Class 55 Rating, Add</i>	269.60	
<i>For Class 56 Rating, Add</i>	358.08	
40 05 19 00-1081 EA 6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,588.77	225.17
<i>For Class 52 Rating, Deduct</i>	-137.24	
<i>For Class 54 Rating, Add</i>	191.23	
<i>For Class 55 Rating, Add</i>	286.40	
<i>For Class 56 Rating, Add</i>	380.32	
40 05 19 00-1082 EA 6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,667.78	227.88
<i>For Class 52 Rating, Deduct</i>	-145.48	
<i>For Class 54 Rating, Add</i>	202.52	
<i>For Class 55 Rating, Add</i>	303.21	
<i>For Class 56 Rating, Add</i>	402.57	
40 05 19 00-1083 EA 6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,746.80	230.59
<i>For Class 52 Rating, Deduct</i>	-153.72	
<i>For Class 54 Rating, Add</i>	213.80	
<i>For Class 55 Rating, Add</i>	320.01	
<i>For Class 56 Rating, Add</i>	424.81	
40 05 19 00-1084 EA 6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,825.81	233.31
<i>For Class 52 Rating, Deduct</i>	-161.95	
<i>For Class 54 Rating, Add</i>	225.09	
<i>For Class 55 Rating, Add</i>	336.81	
<i>For Class 56 Rating, Add</i>	447.06	
40 05 19 00-1085 EA 6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,904.83	236.03
<i>For Class 52 Rating, Deduct</i>	-170.19	
<i>For Class 54 Rating, Add</i>	236.37	
<i>For Class 55 Rating, Add</i>	353.61	
<i>For Class 56 Rating, Add</i>	469.30	
40 05 19 00-1086 EA 6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,983.84	238.73
<i>For Class 52 Rating, Deduct</i>	-178.43	
<i>For Class 54 Rating, Add</i>	247.66	
<i>For Class 55 Rating, Add</i>	370.41	
<i>For Class 56 Rating, Add</i>	491.55	
40 05 19 00-1087 EA 6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,062.85	241.44
<i>For Class 52 Rating, Deduct</i>	-186.67	
<i>For Class 54 Rating, Add</i>	258.94	
<i>For Class 55 Rating, Add</i>	387.22	
<i>For Class 56 Rating, Add</i>	513.79	
40 05 19 00-1088 EA 6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,141.86	244.16
<i>For Class 52 Rating, Deduct</i>	-194.91	
<i>For Class 54 Rating, Add</i>	270.23	
<i>For Class 55 Rating, Add</i>	404.02	
<i>For Class 56 Rating, Add</i>	536.03	
40 05 19 00-1089 EA 6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,220.88	246.88
<i>For Class 52 Rating, Deduct</i>	-203.15	
<i>For Class 54 Rating, Add</i>	281.51	
<i>For Class 55 Rating, Add</i>	420.82	
<i>For Class 56 Rating, Add</i>	558.28	
40 05 19 00-1090 EA 6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,299.89	249.58
<i>For Class 52 Rating, Deduct</i>	-211.39	
<i>For Class 54 Rating, Add</i>	292.80	
<i>For Class 55 Rating, Add</i>	437.62	
<i>For Class 56 Rating, Add</i>	580.52	
40 05 19 00-1091 EA 6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,378.90	252.30
<i>For Class 52 Rating, Deduct</i>	-219.63	
<i>For Class 54 Rating, Add</i>	304.08	
<i>For Class 55 Rating, Add</i>	454.42	
<i>For Class 56 Rating, Add</i>	602.77	
40 05 19 00-1092 EA 6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,457.92	255.02
<i>For Class 52 Rating, Deduct</i>	-227.87	
<i>For Class 54 Rating, Add</i>	315.37	
<i>For Class 55 Rating, Add</i>	471.23	
<i>For Class 56 Rating, Add</i>	625.01	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1093	EA	6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,536.93	257.72
		<i>For Class 52 Rating, Deduct</i>		-236.11	
		<i>For Class 54 Rating, Add</i>		326.65	
		<i>For Class 55 Rating, Add</i>		488.03	
		<i>For Class 56 Rating, Add</i>		647.26	
40 05 19 00-1094	EA	6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,615.95	260.43
		<i>For Class 52 Rating, Deduct</i>		-244.35	
		<i>For Class 54 Rating, Add</i>		337.94	
		<i>For Class 55 Rating, Add</i>		504.83	
		<i>For Class 56 Rating, Add</i>		669.50	
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,694.96	263.15
		<i>For Class 52 Rating, Deduct</i>		-252.59	
		<i>For Class 54 Rating, Add</i>		349.22	
		<i>For Class 55 Rating, Add</i>		521.63	
		<i>For Class 56 Rating, Add</i>		691.75	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,773.97	265.87
		<i>For Class 52 Rating, Deduct</i>		-260.83	
		<i>For Class 54 Rating, Add</i>		360.51	
		<i>For Class 55 Rating, Add</i>		538.43	
		<i>For Class 56 Rating, Add</i>		713.99	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,852.99	268.57
		<i>For Class 52 Rating, Deduct</i>		-269.07	
		<i>For Class 54 Rating, Add</i>		371.79	
		<i>For Class 55 Rating, Add</i>		555.24	
		<i>For Class 56 Rating, Add</i>		736.23	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,932.00	271.29
		<i>For Class 52 Rating, Deduct</i>		-277.31	
		<i>For Class 54 Rating, Add</i>		383.08	
		<i>For Class 55 Rating, Add</i>		572.04	
		<i>For Class 56 Rating, Add</i>		758.48	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,011.01	274.01
		<i>For Class 52 Rating, Deduct</i>		-285.54	
		<i>For Class 54 Rating, Add</i>		394.36	
		<i>For Class 55 Rating, Add</i>		588.84	
		<i>For Class 56 Rating, Add</i>		780.72	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,090.03	276.71
		<i>For Class 52 Rating, Deduct</i>		-293.78	
		<i>For Class 54 Rating, Add</i>		405.65	
		<i>For Class 55 Rating, Add</i>		605.64	
		<i>For Class 56 Rating, Add</i>		802.97	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,169.03	279.42
		<i>For Class 52 Rating, Deduct</i>		-302.02	
		<i>For Class 54 Rating, Add</i>		416.93	
		<i>For Class 55 Rating, Add</i>		622.44	
		<i>For Class 56 Rating, Add</i>		825.21	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,248.05	282.14
		<i>For Class 52 Rating, Deduct</i>		-310.26	
		<i>For Class 54 Rating, Add</i>		428.22	
		<i>For Class 55 Rating, Add</i>		639.25	
		<i>For Class 56 Rating, Add</i>		847.46	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,327.07	284.86
		<i>For Class 52 Rating, Deduct</i>		-318.50	
		<i>For Class 54 Rating, Add</i>		439.50	
		<i>For Class 55 Rating, Add</i>		656.05	
		<i>For Class 56 Rating, Add</i>		869.70	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,406.07	287.56
		<i>For Class 52 Rating, Deduct</i>		-326.74	
		<i>For Class 54 Rating, Add</i>		450.78	
		<i>For Class 55 Rating, Add</i>		672.85	
		<i>For Class 56 Rating, Add</i>		891.94	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,485.10	290.28
		<i>For Class 52 Rating, Deduct</i>		-334.98	
		<i>For Class 54 Rating, Add</i>		462.07	
		<i>For Class 55 Rating, Add</i>		689.65	
		<i>For Class 56 Rating, Add</i>		914.19	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,564.11	293.00
		<i>For Class 52 Rating, Deduct</i>		-343.22	
		<i>For Class 54 Rating, Add</i>		473.35	
		<i>For Class 55 Rating, Add</i>		706.45	
		<i>For Class 56 Rating, Add</i>		936.43	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1107	EA			6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,643.12	295.70
				For Class 52 Rating, Deduct	-351.46	
				For Class 54 Rating, Add	484.64	
				For Class 55 Rating, Add	723.26	
				For Class 56 Rating, Add	958.68	
40 05 19 00-1108	EA			6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,722.14	298.41
				For Class 52 Rating, Deduct	-359.70	
				For Class 54 Rating, Add	495.92	
				For Class 55 Rating, Add	740.06	
				For Class 56 Rating, Add	980.92	
<b>40 05 19 00-1109</b>				<b>8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-1028)</small>		
40 05 19 00-1110	EA			8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	993.77	249.58
				For Class 52 Rating, Deduct	-67.72	
				For Class 54 Rating, Add	96.88	
				For Class 55 Rating, Add	146.36	
				For Class 56 Rating, Add	195.22	
40 05 19 00-1111	EA			8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,100.87	252.30
				For Class 52 Rating, Deduct	-79.05	
				For Class 54 Rating, Add	112.38	
				For Class 55 Rating, Add	169.42	
				For Class 56 Rating, Add	225.75	
40 05 19 00-1112	EA			8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,207.97	255.02
				For Class 52 Rating, Deduct	-90.37	
				For Class 54 Rating, Add	127.88	
				For Class 55 Rating, Add	192.49	
				For Class 56 Rating, Add	256.28	
40 05 19 00-1113	EA			8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,315.07	257.72
				For Class 52 Rating, Deduct	-101.70	
				For Class 54 Rating, Add	143.37	
				For Class 55 Rating, Add	215.55	
				For Class 56 Rating, Add	286.81	
40 05 19 00-1114	EA			8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,422.19	260.43
				For Class 52 Rating, Deduct	-113.03	
				For Class 54 Rating, Add	158.87	
				For Class 55 Rating, Add	238.62	
				For Class 56 Rating, Add	317.34	
40 05 19 00-1115	EA			8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,529.28	263.15
				For Class 52 Rating, Deduct	-124.36	
				For Class 54 Rating, Add	174.37	
				For Class 55 Rating, Add	261.69	
				For Class 56 Rating, Add	347.87	
40 05 19 00-1116	EA			8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,636.38	265.87
				For Class 52 Rating, Deduct	-135.69	
				For Class 54 Rating, Add	189.87	
				For Class 55 Rating, Add	284.75	
				For Class 56 Rating, Add	378.40	
40 05 19 00-1117	EA			8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,743.49	268.57
				For Class 52 Rating, Deduct	-147.02	
				For Class 54 Rating, Add	205.37	
				For Class 55 Rating, Add	307.82	
				For Class 56 Rating, Add	408.93	
40 05 19 00-1118	EA			8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,850.58	271.29
				For Class 52 Rating, Deduct	-158.35	
				For Class 54 Rating, Add	220.86	
				For Class 55 Rating, Add	330.88	
				For Class 56 Rating, Add	439.46	
40 05 19 00-1119	EA			8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,957.68	274.01
				For Class 52 Rating, Deduct	-169.68	
				For Class 54 Rating, Add	236.36	
				For Class 55 Rating, Add	353.95	
				For Class 56 Rating, Add	469.99	
40 05 19 00-1120	EA			8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,064.80	276.71
				For Class 52 Rating, Deduct	-181.01	
				For Class 54 Rating, Add	251.86	
				For Class 55 Rating, Add	377.02	
				For Class 56 Rating, Add	500.53	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1121	EA	8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,171.89	279.42
		<i>For Class 52 Rating, Deduct</i>		-192.34	
		<i>For Class 54 Rating, Add</i>		267.36	
		<i>For Class 55 Rating, Add</i>		400.08	
		<i>For Class 56 Rating, Add</i>		531.05	
40 05 19 00-1122	EA	8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,278.99	282.14
		<i>For Class 52 Rating, Deduct</i>		-203.67	
		<i>For Class 54 Rating, Add</i>		282.86	
		<i>For Class 55 Rating, Add</i>		423.15	
		<i>For Class 56 Rating, Add</i>		561.58	
40 05 19 00-1123	EA	8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,386.10	284.86
		<i>For Class 52 Rating, Deduct</i>		-215.00	
		<i>For Class 54 Rating, Add</i>		298.35	
		<i>For Class 55 Rating, Add</i>		446.21	
		<i>For Class 56 Rating, Add</i>		592.12	
40 05 19 00-1124	EA	8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,493.19	287.56
		<i>For Class 52 Rating, Deduct</i>		-226.32	
		<i>For Class 54 Rating, Add</i>		313.85	
		<i>For Class 55 Rating, Add</i>		469.28	
		<i>For Class 56 Rating, Add</i>		622.64	
40 05 19 00-1125	EA	8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,600.30	290.28
		<i>For Class 52 Rating, Deduct</i>		-237.65	
		<i>For Class 54 Rating, Add</i>		329.35	
		<i>For Class 55 Rating, Add</i>		492.34	
		<i>For Class 56 Rating, Add</i>		653.18	
40 05 19 00-1126	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,707.41	293.00
		<i>For Class 52 Rating, Deduct</i>		-248.98	
		<i>For Class 54 Rating, Add</i>		344.85	
		<i>For Class 55 Rating, Add</i>		515.41	
		<i>For Class 56 Rating, Add</i>		683.71	
40 05 19 00-1127	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,814.51	295.70
		<i>For Class 52 Rating, Deduct</i>		-260.31	
		<i>For Class 54 Rating, Add</i>		360.35	
		<i>For Class 55 Rating, Add</i>		538.48	
		<i>For Class 56 Rating, Add</i>		714.24	
40 05 19 00-1128	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,921.61	298.41
		<i>For Class 52 Rating, Deduct</i>		-271.64	
		<i>For Class 54 Rating, Add</i>		375.84	
		<i>For Class 55 Rating, Add</i>		561.54	
		<i>For Class 56 Rating, Add</i>		744.77	
40 05 19 00-1129	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,028.71	301.13
		<i>For Class 52 Rating, Deduct</i>		-282.97	
		<i>For Class 54 Rating, Add</i>		391.34	
		<i>For Class 55 Rating, Add</i>		584.61	
		<i>For Class 56 Rating, Add</i>		775.30	
40 05 19 00-1130	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,135.81	303.85
		<i>For Class 52 Rating, Deduct</i>		-294.30	
		<i>For Class 54 Rating, Add</i>		406.84	
		<i>For Class 55 Rating, Add</i>		607.67	
		<i>For Class 56 Rating, Add</i>		805.83	
40 05 19 00-1131	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,242.91	306.55
		<i>For Class 52 Rating, Deduct</i>		-305.63	
		<i>For Class 54 Rating, Add</i>		422.34	
		<i>For Class 55 Rating, Add</i>		630.74	
		<i>For Class 56 Rating, Add</i>		836.36	
40 05 19 00-1132	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,350.02	309.27
		<i>For Class 52 Rating, Deduct</i>		-316.96	
		<i>For Class 54 Rating, Add</i>		437.84	
		<i>For Class 55 Rating, Add</i>		653.81	
		<i>For Class 56 Rating, Add</i>		866.89	
40 05 19 00-1133	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,457.12	311.99
		<i>For Class 52 Rating, Deduct</i>		-328.29	
		<i>For Class 54 Rating, Add</i>		453.34	
		<i>For Class 55 Rating, Add</i>		676.87	
		<i>For Class 56 Rating, Add</i>		897.42	
40 05 19 00-1134	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,564.22	314.71
		<i>For Class 52 Rating, Deduct</i>		-339.62	
		<i>For Class 54 Rating, Add</i>		468.83	
		<i>For Class 55 Rating, Add</i>		699.94	
		<i>For Class 56 Rating, Add</i>		927.95	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1135 EA 8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,671.32	317.40
<i>For Class 52 Rating, Deduct</i>	-350.94	
<i>For Class 54 Rating, Add</i>	484.33	
<i>For Class 55 Rating, Add</i>	723.00	
<i>For Class 56 Rating, Add</i>	958.48	
40 05 19 00-1136 EA 8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,778.42	320.12
<i>For Class 52 Rating, Deduct</i>	-362.27	
<i>For Class 54 Rating, Add</i>	499.83	
<i>For Class 55 Rating, Add</i>	746.07	
<i>For Class 56 Rating, Add</i>	989.01	
40 05 19 00-1137 EA 8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,885.52	322.84
<i>For Class 52 Rating, Deduct</i>	-373.60	
<i>For Class 54 Rating, Add</i>	515.33	
<i>For Class 55 Rating, Add</i>	769.13	
<i>For Class 56 Rating, Add</i>	1,019.54	
40 05 19 00-1138 EA 8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,992.63	325.54
<i>For Class 52 Rating, Deduct</i>	-384.93	
<i>For Class 54 Rating, Add</i>	530.83	
<i>For Class 55 Rating, Add</i>	792.20	
<i>For Class 56 Rating, Add</i>	1,050.07	
40 05 19 00-1139 EA 8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,099.73	328.26
<i>For Class 52 Rating, Deduct</i>	-396.26	
<i>For Class 54 Rating, Add</i>	546.32	
<i>For Class 55 Rating, Add</i>	815.27	
<i>For Class 56 Rating, Add</i>	1,080.60	
40 05 19 00-1140 EA 8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,206.84	330.98
<i>For Class 52 Rating, Deduct</i>	-407.59	
<i>For Class 54 Rating, Add</i>	561.82	
<i>For Class 55 Rating, Add</i>	838.33	
<i>For Class 56 Rating, Add</i>	1,111.13	
40 05 19 00-1141 EA 8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,313.93	333.70
<i>For Class 52 Rating, Deduct</i>	-418.92	
<i>For Class 54 Rating, Add</i>	577.32	
<i>For Class 55 Rating, Add</i>	861.40	
<i>For Class 56 Rating, Add</i>	1,141.66	
40 05 19 00-1142 EA 8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,421.03	336.39
<i>For Class 52 Rating, Deduct</i>	-430.25	
<i>For Class 54 Rating, Add</i>	592.82	
<i>For Class 55 Rating, Add</i>	884.46	
<i>For Class 56 Rating, Add</i>	1,172.19	
40 05 19 00-1143 EA 8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,528.14	339.11
<i>For Class 52 Rating, Deduct</i>	-441.58	
<i>For Class 54 Rating, Add</i>	608.32	
<i>For Class 55 Rating, Add</i>	907.53	
<i>For Class 56 Rating, Add</i>	1,202.72	
40 05 19 00-1144 EA 8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,635.24	341.83
<i>For Class 52 Rating, Deduct</i>	-452.91	
<i>For Class 54 Rating, Add</i>	623.81	
<i>For Class 55 Rating, Add</i>	930.59	
<i>For Class 56 Rating, Add</i>	1,233.26	
40 05 19 00-1145 EA 8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,742.35	344.53
<i>For Class 52 Rating, Deduct</i>	-464.24	
<i>For Class 54 Rating, Add</i>	639.31	
<i>For Class 55 Rating, Add</i>	953.66	
<i>For Class 56 Rating, Add</i>	1,263.79	
40 05 19 00-1146 EA 8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,849.45	347.25
<i>For Class 52 Rating, Deduct</i>	-475.56	
<i>For Class 54 Rating, Add</i>	654.81	
<i>For Class 55 Rating, Add</i>	976.73	
<i>For Class 56 Rating, Add</i>	1,294.32	
40 05 19 00-1147 EA 8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,956.54	349.97
<i>For Class 52 Rating, Deduct</i>	-486.89	
<i>For Class 54 Rating, Add</i>	670.31	
<i>For Class 55 Rating, Add</i>	999.79	
<i>For Class 56 Rating, Add</i>	1,324.85	
40 05 19 00-1148 EA 8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,063.65	352.69
<i>For Class 52 Rating, Deduct</i>	-498.22	
<i>For Class 54 Rating, Add</i>	685.81	
<i>For Class 55 Rating, Add</i>	1,022.86	
<i>For Class 56 Rating, Add</i>	1,355.38	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe


 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1149			10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1150	EA		10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,253.87	303.85
			For Class 52 Rating, Deduct .....	-87.29	
			For Class 54 Rating, Add .....	124.55	
			For Class 55 Rating, Add .....	188.00	
			For Class 56 Rating, Add .....	250.66	
40 05 19 00-1151	EA		10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,393.75	306.55
			For Class 52 Rating, Deduct .....	-102.22	
			For Class 54 Rating, Add .....	144.96	
			For Class 55 Rating, Add .....	218.37	
			For Class 56 Rating, Add .....	290.86	
40 05 19 00-1152	EA		10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,533.62	309.27
			For Class 52 Rating, Deduct .....	-117.15	
			For Class 54 Rating, Add .....	165.38	
			For Class 55 Rating, Add .....	248.75	
			For Class 56 Rating, Add .....	331.05	
40 05 19 00-1153	EA		10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,673.49	311.99
			For Class 52 Rating, Deduct .....	-132.09	
			For Class 54 Rating, Add .....	185.79	
			For Class 55 Rating, Add .....	279.12	
			For Class 56 Rating, Add .....	371.25	
40 05 19 00-1154	EA		10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,813.36	314.71
			For Class 52 Rating, Deduct .....	-147.02	
			For Class 54 Rating, Add .....	206.20	
			For Class 55 Rating, Add .....	309.49	
			For Class 56 Rating, Add .....	411.45	
40 05 19 00-1155	EA		10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,953.23	317.40
			For Class 52 Rating, Deduct .....	-161.95	
			For Class 54 Rating, Add .....	226.62	
			For Class 55 Rating, Add .....	339.87	
			For Class 56 Rating, Add .....	451.64	
40 05 19 00-1156	EA		10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,093.10	320.12
			For Class 52 Rating, Deduct .....	-176.89	
			For Class 54 Rating, Add .....	247.03	
			For Class 55 Rating, Add .....	370.24	
			For Class 56 Rating, Add .....	491.84	
40 05 19 00-1157	EA		10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,232.98	322.84
			For Class 52 Rating, Deduct .....	-191.82	
			For Class 54 Rating, Add .....	267.45	
			For Class 55 Rating, Add .....	400.62	
			For Class 56 Rating, Add .....	532.04	
40 05 19 00-1158	EA		10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,372.85	325.54
			For Class 52 Rating, Deduct .....	-206.76	
			For Class 54 Rating, Add .....	287.86	
			For Class 55 Rating, Add .....	430.99	
			For Class 56 Rating, Add .....	572.24	
40 05 19 00-1159	EA		10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,512.72	328.26
			For Class 52 Rating, Deduct .....	-221.69	
			For Class 54 Rating, Add .....	308.27	
			For Class 55 Rating, Add .....	461.36	
			For Class 56 Rating, Add .....	612.44	
40 05 19 00-1160	EA		10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,652.60	330.98
			For Class 52 Rating, Deduct .....	-236.62	
			For Class 54 Rating, Add .....	328.69	
			For Class 55 Rating, Add .....	491.74	
			For Class 56 Rating, Add .....	652.63	
40 05 19 00-1161	EA		10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,792.46	333.70
			For Class 52 Rating, Deduct .....	-251.56	
			For Class 54 Rating, Add .....	349.10	
			For Class 55 Rating, Add .....	522.11	
			For Class 56 Rating, Add .....	692.83	
40 05 19 00-1162	EA		10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	2,932.34	336.39
			For Class 52 Rating, Deduct .....	-266.49	
			For Class 54 Rating, Add .....	369.51	
			For Class 55 Rating, Add .....	552.48	
			For Class 56 Rating, Add .....	733.03	
40 05 19 00-1163	EA		10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,072.22	339.11
			For Class 52 Rating, Deduct .....	-281.43	
			For Class 54 Rating, Add .....	389.93	
			For Class 55 Rating, Add .....	582.86	
			For Class 56 Rating, Add .....	773.23	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1164 EA 10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,212.08	341.83
<i>For Class 52 Rating, Deduct</i>	-296.36	
<i>For Class 54 Rating, Add</i>	410.34	
<i>For Class 55 Rating, Add</i>	613.23	
<i>For Class 56 Rating, Add</i>	813.42	
40 05 19 00-1165 EA 10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,351.96	344.53
<i>For Class 52 Rating, Deduct</i>	-311.29	
<i>For Class 54 Rating, Add</i>	430.75	
<i>For Class 55 Rating, Add</i>	643.60	
<i>For Class 56 Rating, Add</i>	853.62	
40 05 19 00-1166 EA 10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,491.83	347.25
<i>For Class 52 Rating, Deduct</i>	-326.23	
<i>For Class 54 Rating, Add</i>	451.17	
<i>For Class 55 Rating, Add</i>	673.98	
<i>For Class 56 Rating, Add</i>	893.82	
40 05 19 00-1167 EA 10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,631.69	349.97
<i>For Class 52 Rating, Deduct</i>	-341.16	
<i>For Class 54 Rating, Add</i>	471.58	
<i>For Class 55 Rating, Add</i>	704.35	
<i>For Class 56 Rating, Add</i>	934.02	
40 05 19 00-1168 EA 10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,771.58	352.69
<i>For Class 52 Rating, Deduct</i>	-356.09	
<i>For Class 54 Rating, Add</i>	492.00	
<i>For Class 55 Rating, Add</i>	734.72	
<i>For Class 56 Rating, Add</i>	974.22	
40 05 19 00-1169 EA 10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,911.45	355.38
<i>For Class 52 Rating, Deduct</i>	-371.03	
<i>For Class 54 Rating, Add</i>	512.41	
<i>For Class 55 Rating, Add</i>	765.10	
<i>For Class 56 Rating, Add</i>	1,014.41	
40 05 19 00-1170 EA 10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,051.31	358.10
<i>For Class 52 Rating, Deduct</i>	-385.96	
<i>For Class 54 Rating, Add</i>	532.82	
<i>For Class 55 Rating, Add</i>	795.47	
<i>For Class 56 Rating, Add</i>	1,054.61	
40 05 19 00-1171 EA 10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,191.19	360.82
<i>For Class 52 Rating, Deduct</i>	-400.90	
<i>For Class 54 Rating, Add</i>	553.24	
<i>For Class 55 Rating, Add</i>	825.84	
<i>For Class 56 Rating, Add</i>	1,094.81	
40 05 19 00-1172 EA 10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,331.06	363.52
<i>For Class 52 Rating, Deduct</i>	-415.83	
<i>For Class 54 Rating, Add</i>	573.65	
<i>For Class 55 Rating, Add</i>	856.22	
<i>For Class 56 Rating, Add</i>	1,135.01	
40 05 19 00-1173 EA 10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,470.93	366.24
<i>For Class 52 Rating, Deduct</i>	-430.76	
<i>For Class 54 Rating, Add</i>	594.06	
<i>For Class 55 Rating, Add</i>	886.59	
<i>For Class 56 Rating, Add</i>	1,175.20	
40 05 19 00-1174 EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,610.81	368.96
<i>For Class 52 Rating, Deduct</i>	-445.70	
<i>For Class 54 Rating, Add</i>	614.48	
<i>For Class 55 Rating, Add</i>	916.97	
<i>For Class 56 Rating, Add</i>	1,215.40	
40 05 19 00-1175 EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,750.68	371.68
<i>For Class 52 Rating, Deduct</i>	-460.63	
<i>For Class 54 Rating, Add</i>	634.89	
<i>For Class 55 Rating, Add</i>	947.34	
<i>For Class 56 Rating, Add</i>	1,255.60	
40 05 19 00-1176 EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,890.55	374.37
<i>For Class 52 Rating, Deduct</i>	-475.56	
<i>For Class 54 Rating, Add</i>	655.30	
<i>For Class 55 Rating, Add</i>	977.71	
<i>For Class 56 Rating, Add</i>	1,295.80	
40 05 19 00-1177 EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,030.42	377.09
<i>For Class 52 Rating, Deduct</i>	-490.50	
<i>For Class 54 Rating, Add</i>	675.72	
<i>For Class 55 Rating, Add</i>	1,008.09	
<i>For Class 56 Rating, Add</i>	1,335.99	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1178	EA		10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,170.29	379.81
			<i>For Class 52 Rating, Deduct</i> .....	-505.43	
			<i>For Class 54 Rating, Add</i> .....	696.13	
			<i>For Class 55 Rating, Add</i> .....	1,038.46	
			<i>For Class 56 Rating, Add</i> .....	1,376.19	
40 05 19 00-1179	EA		10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,310.17	382.52
			<i>For Class 52 Rating, Deduct</i> .....	-520.37	
			<i>For Class 54 Rating, Add</i> .....	716.54	
			<i>For Class 55 Rating, Add</i> .....	1,068.83	
			<i>For Class 56 Rating, Add</i> .....	1,416.39	
40 05 19 00-1180	EA		10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,450.04	385.23
			<i>For Class 52 Rating, Deduct</i> .....	-535.30	
			<i>For Class 54 Rating, Add</i> .....	736.96	
			<i>For Class 55 Rating, Add</i> .....	1,099.21	
			<i>For Class 56 Rating, Add</i> .....	1,456.59	
40 05 19 00-1181	EA		10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,589.91	387.95
			<i>For Class 52 Rating, Deduct</i> .....	-550.23	
			<i>For Class 54 Rating, Add</i> .....	757.37	
			<i>For Class 55 Rating, Add</i> .....	1,129.58	
			<i>For Class 56 Rating, Add</i> .....	1,496.79	
40 05 19 00-1182	EA		10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,729.78	390.66
			<i>For Class 52 Rating, Deduct</i> .....	-565.17	
			<i>For Class 54 Rating, Add</i> .....	777.78	
			<i>For Class 55 Rating, Add</i> .....	1,159.95	
			<i>For Class 56 Rating, Add</i> .....	1,536.98	
40 05 19 00-1183	EA		10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,869.65	393.36
			<i>For Class 52 Rating, Deduct</i> .....	-580.10	
			<i>For Class 54 Rating, Add</i> .....	798.20	
			<i>For Class 55 Rating, Add</i> .....	1,190.33	
			<i>For Class 56 Rating, Add</i> .....	1,577.18	
40 05 19 00-1184	EA		10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,009.52	396.08
			<i>For Class 52 Rating, Deduct</i> .....	-595.03	
			<i>For Class 54 Rating, Add</i> .....	818.61	
			<i>For Class 55 Rating, Add</i> .....	1,220.70	
			<i>For Class 56 Rating, Add</i> .....	1,617.38	
40 05 19 00-1185	EA		10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,149.41	398.80
			<i>For Class 52 Rating, Deduct</i> .....	-609.97	
			<i>For Class 54 Rating, Add</i> .....	839.03	
			<i>For Class 55 Rating, Add</i> .....	1,251.07	
			<i>For Class 56 Rating, Add</i> .....	1,657.58	
40 05 19 00-1186	EA		10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,289.28	401.51
			<i>For Class 52 Rating, Deduct</i> .....	-624.90	
			<i>For Class 54 Rating, Add</i> .....	859.44	
			<i>For Class 55 Rating, Add</i> .....	1,281.45	
			<i>For Class 56 Rating, Add</i> .....	1,697.77	
40 05 19 00-1187	EA		10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,429.14	404.22
			<i>For Class 52 Rating, Deduct</i> .....	-639.84	
			<i>For Class 54 Rating, Add</i> .....	879.85	
			<i>For Class 55 Rating, Add</i> .....	1,311.82	
			<i>For Class 56 Rating, Add</i> .....	1,737.97	
40 05 19 00-1188	EA		10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,569.02	406.94
			<i>For Class 52 Rating, Deduct</i> .....	-654.77	
			<i>For Class 54 Rating, Add</i> .....	900.27	
			<i>For Class 55 Rating, Add</i> .....	1,342.19	
			<i>For Class 56 Rating, Add</i> .....	1,778.17	
40 05 19 00-1189			12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1190	EA		12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,633.47	379.81
			<i>For Class 52 Rating, Deduct</i> .....	-116.38	
			<i>For Class 54 Rating, Add</i> .....	165.61	
			<i>For Class 55 Rating, Add</i> .....	249.75	
			<i>For Class 56 Rating, Add</i> .....	332.83	
40 05 19 00-1191	EA		12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	1,808.45	382.52
			<i>For Class 52 Rating, Deduct</i> .....	-135.18	
			<i>For Class 54 Rating, Add</i> .....	191.29	
			<i>For Class 55 Rating, Add</i> .....	287.95	
			<i>For Class 56 Rating, Add</i> .....	383.38	





<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1192 EA 12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,983.43	385.23
<i>For Class 52 Rating, Deduct</i>	-153.97	
<i>For Class 54 Rating, Add</i>	216.97	
<i>For Class 55 Rating, Add</i>	326.15	
<i>For Class 56 Rating, Add</i>	433.94	
40 05 19 00-1193 EA 12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,158.41	387.95
<i>For Class 52 Rating, Deduct</i>	-172.77	
<i>For Class 54 Rating, Add</i>	242.65	
<i>For Class 55 Rating, Add</i>	364.36	
<i>For Class 56 Rating, Add</i>	484.49	
40 05 19 00-1194 EA 12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,333.40	390.66
<i>For Class 52 Rating, Deduct</i>	-191.57	
<i>For Class 54 Rating, Add</i>	268.33	
<i>For Class 55 Rating, Add</i>	402.56	
<i>For Class 56 Rating, Add</i>	535.05	
40 05 19 00-1195 EA 12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,508.38	393.36
<i>For Class 52 Rating, Deduct</i>	-210.36	
<i>For Class 54 Rating, Add</i>	294.01	
<i>For Class 55 Rating, Add</i>	440.76	
<i>For Class 56 Rating, Add</i>	585.61	
40 05 19 00-1196 EA 12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,683.36	396.08
<i>For Class 52 Rating, Deduct</i>	-229.16	
<i>For Class 54 Rating, Add</i>	319.69	
<i>For Class 55 Rating, Add</i>	478.97	
<i>For Class 56 Rating, Add</i>	636.16	
40 05 19 00-1197 EA 12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,858.35	398.80
<i>For Class 52 Rating, Deduct</i>	-247.95	
<i>For Class 54 Rating, Add</i>	345.37	
<i>For Class 55 Rating, Add</i>	517.17	
<i>For Class 56 Rating, Add</i>	686.72	
40 05 19 00-1198 EA 12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,033.34	401.51
<i>For Class 52 Rating, Deduct</i>	-266.75	
<i>For Class 54 Rating, Add</i>	371.05	
<i>For Class 55 Rating, Add</i>	555.37	
<i>For Class 56 Rating, Add</i>	737.27	
40 05 19 00-1199 EA 12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,208.31	404.22
<i>For Class 52 Rating, Deduct</i>	-285.54	
<i>For Class 54 Rating, Add</i>	396.73	
<i>For Class 55 Rating, Add</i>	593.58	
<i>For Class 56 Rating, Add</i>	787.83	
40 05 19 00-1200 EA 12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,383.30	406.94
<i>For Class 52 Rating, Deduct</i>	-304.34	
<i>For Class 54 Rating, Add</i>	422.41	
<i>For Class 55 Rating, Add</i>	631.78	
<i>For Class 56 Rating, Add</i>	838.38	
40 05 19 00-1201 EA 12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,558.28	409.65
<i>For Class 52 Rating, Deduct</i>	-323.14	
<i>For Class 54 Rating, Add</i>	448.09	
<i>For Class 55 Rating, Add</i>	669.98	
<i>For Class 56 Rating, Add</i>	888.94	
40 05 19 00-1202 EA 12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,733.26	412.35
<i>For Class 52 Rating, Deduct</i>	-341.93	
<i>For Class 54 Rating, Add</i>	473.77	
<i>For Class 55 Rating, Add</i>	708.19	
<i>For Class 56 Rating, Add</i>	939.49	
40 05 19 00-1203 EA 12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,908.25	415.07
<i>For Class 52 Rating, Deduct</i>	-360.73	
<i>For Class 54 Rating, Add</i>	499.45	
<i>For Class 55 Rating, Add</i>	746.39	
<i>For Class 56 Rating, Add</i>	990.05	
40 05 19 00-1204 EA 12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,083.23	417.79
<i>For Class 52 Rating, Deduct</i>	-379.52	
<i>For Class 54 Rating, Add</i>	525.13	
<i>For Class 55 Rating, Add</i>	784.59	
<i>For Class 56 Rating, Add</i>	1,040.60	
40 05 19 00-1205 EA 12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,258.20	420.50
<i>For Class 52 Rating, Deduct</i>	-398.32	
<i>For Class 54 Rating, Add</i>	550.81	
<i>For Class 55 Rating, Add</i>	822.79	
<i>For Class 56 Rating, Add</i>	1,091.16	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1206	EA	12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,433.20	423.21
		<i>For Class 52 Rating, Deduct</i>		-417.12	
		<i>For Class 54 Rating, Add</i>		576.49	
		<i>For Class 55 Rating, Add</i>		861.00	
		<i>For Class 56 Rating, Add</i>		1,141.72	
40 05 19 00-1207	EA	12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,608.18	425.93
		<i>For Class 52 Rating, Deduct</i>		-435.91	
		<i>For Class 54 Rating, Add</i>		602.17	
		<i>For Class 55 Rating, Add</i>		899.20	
		<i>For Class 56 Rating, Add</i>		1,192.27	
40 05 19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,783.16	428.64
		<i>For Class 52 Rating, Deduct</i>		-454.71	
		<i>For Class 54 Rating, Add</i>		627.85	
		<i>For Class 55 Rating, Add</i>		937.40	
		<i>For Class 56 Rating, Add</i>		1,242.82	
40 05 19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,958.14	431.34
		<i>For Class 52 Rating, Deduct</i>		-473.50	
		<i>For Class 54 Rating, Add</i>		653.53	
		<i>For Class 55 Rating, Add</i>		975.61	
		<i>For Class 56 Rating, Add</i>		1,293.38	
40 05 19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,133.13	434.06
		<i>For Class 52 Rating, Deduct</i>		-492.30	
		<i>For Class 54 Rating, Add</i>		679.21	
		<i>For Class 55 Rating, Add</i>		1,013.81	
		<i>For Class 56 Rating, Add</i>		1,343.94	
40 05 19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,308.11	436.78
		<i>For Class 52 Rating, Deduct</i>		-511.10	
		<i>For Class 54 Rating, Add</i>		704.89	
		<i>For Class 55 Rating, Add</i>		1,052.01	
		<i>For Class 56 Rating, Add</i>		1,394.49	
40 05 19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,483.09	439.49
		<i>For Class 52 Rating, Deduct</i>		-529.89	
		<i>For Class 54 Rating, Add</i>		730.57	
		<i>For Class 55 Rating, Add</i>		1,090.22	
		<i>For Class 56 Rating, Add</i>		1,445.05	
40 05 19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,658.07	442.20
		<i>For Class 52 Rating, Deduct</i>		-548.69	
		<i>For Class 54 Rating, Add</i>		756.25	
		<i>For Class 55 Rating, Add</i>		1,128.42	
		<i>For Class 56 Rating, Add</i>		1,495.60	
40 05 19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,833.07	444.92
		<i>For Class 52 Rating, Deduct</i>		-567.48	
		<i>For Class 54 Rating, Add</i>		781.93	
		<i>For Class 55 Rating, Add</i>		1,166.62	
		<i>For Class 56 Rating, Add</i>		1,546.16	
40 05 19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,008.04	447.63
		<i>For Class 52 Rating, Deduct</i>		-586.28	
		<i>For Class 54 Rating, Add</i>		807.61	
		<i>For Class 55 Rating, Add</i>		1,204.83	
		<i>For Class 56 Rating, Add</i>		1,596.71	
40 05 19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,183.02	450.34
		<i>For Class 52 Rating, Deduct</i>		-605.08	
		<i>For Class 54 Rating, Add</i>		833.29	
		<i>For Class 55 Rating, Add</i>		1,243.03	
		<i>For Class 56 Rating, Add</i>		1,647.27	
40 05 19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,358.01	453.05
		<i>For Class 52 Rating, Deduct</i>		-623.87	
		<i>For Class 54 Rating, Add</i>		858.97	
		<i>For Class 55 Rating, Add</i>		1,281.23	
		<i>For Class 56 Rating, Add</i>		1,697.82	
40 05 19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,532.99	455.77
		<i>For Class 52 Rating, Deduct</i>		-642.67	
		<i>For Class 54 Rating, Add</i>		884.65	
		<i>For Class 55 Rating, Add</i>		1,319.44	
		<i>For Class 56 Rating, Add</i>		1,748.38	
40 05 19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,707.97	458.48
		<i>For Class 52 Rating, Deduct</i>		-661.46	
		<i>For Class 54 Rating, Add</i>		910.33	
		<i>For Class 55 Rating, Add</i>		1,357.64	
		<i>For Class 56 Rating, Add</i>		1,798.93	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1220 EA 12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,882.96	461.19
<i>For Class 52 Rating, Deduct</i>	-680.26	
<i>For Class 54 Rating, Add</i>	936.01	
<i>For Class 55 Rating, Add</i>	1,395.84	
<i>For Class 56 Rating, Add</i>	1,849.49	
40 05 19 00-1221 EA 12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,057.94	463.91
<i>For Class 52 Rating, Deduct</i>	-699.06	
<i>For Class 54 Rating, Add</i>	961.69	
<i>For Class 55 Rating, Add</i>	1,434.05	
<i>For Class 56 Rating, Add</i>	1,900.04	
40 05 19 00-1222 EA 12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,232.92	466.62
<i>For Class 52 Rating, Deduct</i>	-717.85	
<i>For Class 54 Rating, Add</i>	987.37	
<i>For Class 55 Rating, Add</i>	1,472.25	
<i>For Class 56 Rating, Add</i>	1,950.60	
40 05 19 00-1223 EA 12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,407.91	469.33
<i>For Class 52 Rating, Deduct</i>	-736.65	
<i>For Class 54 Rating, Add</i>	1,013.05	
<i>For Class 55 Rating, Add</i>	1,510.45	
<i>For Class 56 Rating, Add</i>	2,001.16	
40 05 19 00-1224 EA 12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,582.89	472.04
<i>For Class 52 Rating, Deduct</i>	-755.44	
<i>For Class 54 Rating, Add</i>	1,038.73	
<i>For Class 55 Rating, Add</i>	1,548.66	
<i>For Class 56 Rating, Add</i>	2,051.71	
40 05 19 00-1225 EA 12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,757.86	474.76
<i>For Class 52 Rating, Deduct</i>	-774.24	
<i>For Class 54 Rating, Add</i>	1,064.41	
<i>For Class 55 Rating, Add</i>	1,586.86	
<i>For Class 56 Rating, Add</i>	2,102.26	
40 05 19 00-1226 EA 12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,932.86	477.47
<i>For Class 52 Rating, Deduct</i>	-793.04	
<i>For Class 54 Rating, Add</i>	1,090.09	
<i>For Class 55 Rating, Add</i>	1,625.06	
<i>For Class 56 Rating, Add</i>	2,152.82	
40 05 19 00-1227 EA 12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,107.84	480.18
<i>For Class 52 Rating, Deduct</i>	-811.83	
<i>For Class 54 Rating, Add</i>	1,115.77	
<i>For Class 55 Rating, Add</i>	1,663.27	
<i>For Class 56 Rating, Add</i>	2,203.38	
40 05 19 00-1228 EA 12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,282.81	482.90
<i>For Class 52 Rating, Deduct</i>	-830.63	
<i>For Class 54 Rating, Add</i>	1,141.45	
<i>For Class 55 Rating, Add</i>	1,701.47	
<i>For Class 56 Rating, Add</i>	2,253.93	
<b>40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-1028)</small>		
40 05 19 00-1230 EA 14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,200.31	455.77
<i>For Class 52 Rating, Deduct</i>	-166.07	
<i>For Class 54 Rating, Add</i>	234.75	
<i>For Class 55 Rating, Add</i>	353.25	
<i>For Class 56 Rating, Add</i>	470.24	
40 05 19 00-1231 EA 14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,412.75	458.48
<i>For Class 52 Rating, Deduct</i>	-188.99	
<i>For Class 54 Rating, Add</i>	266.05	
<i>For Class 55 Rating, Add</i>	399.81	
<i>For Class 56 Rating, Add</i>	531.84	
40 05 19 00-1232 EA 14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,625.19	461.19
<i>For Class 52 Rating, Deduct</i>	-211.91	
<i>For Class 54 Rating, Add</i>	297.35	
<i>For Class 55 Rating, Add</i>	446.36	
<i>For Class 56 Rating, Add</i>	593.45	
40 05 19 00-1233 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,837.63	463.91
<i>For Class 52 Rating, Deduct</i>	-234.82	
<i>For Class 54 Rating, Add</i>	328.65	
<i>For Class 55 Rating, Add</i>	492.92	
<i>For Class 56 Rating, Add</i>	655.05	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1234	EA	14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,050.05	466.62
		<i>For Class 52 Rating, Deduct</i>		-257.74	
		<i>For Class 54 Rating, Add</i>		359.94	
		<i>For Class 55 Rating, Add</i>		539.47	
		<i>For Class 56 Rating, Add</i>		716.65	
40 05 19 00-1235	EA	14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,262.49	469.33
		<i>For Class 52 Rating, Deduct</i>		-280.65	
		<i>For Class 54 Rating, Add</i>		391.24	
		<i>For Class 55 Rating, Add</i>		586.02	
		<i>For Class 56 Rating, Add</i>		778.26	
40 05 19 00-1236	EA	14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,474.93	472.04
		<i>For Class 52 Rating, Deduct</i>		-303.57	
		<i>For Class 54 Rating, Add</i>		422.54	
		<i>For Class 55 Rating, Add</i>		632.58	
		<i>For Class 56 Rating, Add</i>		839.86	
40 05 19 00-1237	EA	14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,687.35	474.76
		<i>For Class 52 Rating, Deduct</i>		-326.48	
		<i>For Class 54 Rating, Add</i>		453.84	
		<i>For Class 55 Rating, Add</i>		679.13	
		<i>For Class 56 Rating, Add</i>		901.46	
40 05 19 00-1238	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,899.80	477.47
		<i>For Class 52 Rating, Deduct</i>		-349.40	
		<i>For Class 54 Rating, Add</i>		485.14	
		<i>For Class 55 Rating, Add</i>		725.69	
		<i>For Class 56 Rating, Add</i>		963.07	
40 05 19 00-1239	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,112.23	480.18
		<i>For Class 52 Rating, Deduct</i>		-372.31	
		<i>For Class 54 Rating, Add</i>		516.43	
		<i>For Class 55 Rating, Add</i>		772.24	
		<i>For Class 56 Rating, Add</i>		1,024.67	
40 05 19 00-1240	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,324.66	482.90
		<i>For Class 52 Rating, Deduct</i>		-395.23	
		<i>For Class 54 Rating, Add</i>		547.73	
		<i>For Class 55 Rating, Add</i>		818.80	
		<i>For Class 56 Rating, Add</i>		1,086.28	
40 05 19 00-1241	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,537.10	485.61
		<i>For Class 52 Rating, Deduct</i>		-418.15	
		<i>For Class 54 Rating, Add</i>		579.03	
		<i>For Class 55 Rating, Add</i>		865.36	
		<i>For Class 56 Rating, Add</i>		1,147.88	
40 05 19 00-1242	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,749.53	488.32
		<i>For Class 52 Rating, Deduct</i>		-441.06	
		<i>For Class 54 Rating, Add</i>		610.33	
		<i>For Class 55 Rating, Add</i>		911.91	
		<i>For Class 56 Rating, Add</i>		1,209.48	
40 05 19 00-1243	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,961.96	491.03
		<i>For Class 52 Rating, Deduct</i>		-463.98	
		<i>For Class 54 Rating, Add</i>		641.62	
		<i>For Class 55 Rating, Add</i>		958.47	
		<i>For Class 56 Rating, Add</i>		1,271.09	
40 05 19 00-1244	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,174.40	493.74
		<i>For Class 52 Rating, Deduct</i>		-486.89	
		<i>For Class 54 Rating, Add</i>		672.92	
		<i>For Class 55 Rating, Add</i>		1,005.02	
		<i>For Class 56 Rating, Add</i>		1,332.69	
40 05 19 00-1245	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,386.84	496.46
		<i>For Class 52 Rating, Deduct</i>		-509.81	
		<i>For Class 54 Rating, Add</i>		704.22	
		<i>For Class 55 Rating, Add</i>		1,051.58	
		<i>For Class 56 Rating, Add</i>		1,394.30	
40 05 19 00-1246	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,599.28	499.17
		<i>For Class 52 Rating, Deduct</i>		-532.72	
		<i>For Class 54 Rating, Add</i>		735.52	
		<i>For Class 55 Rating, Add</i>		1,098.13	
		<i>For Class 56 Rating, Add</i>		1,455.90	
40 05 19 00-1247	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,811.70	501.89
		<i>For Class 52 Rating, Deduct</i>		-555.64	
		<i>For Class 54 Rating, Add</i>		766.82	
		<i>For Class 55 Rating, Add</i>		1,144.68	
		<i>For Class 56 Rating, Add</i>		1,517.50	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1248 EA 14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,024.14	504.60
<i>For Class 52 Rating, Deduct</i>	-578.56	
<i>For Class 54 Rating, Add</i>	798.11	
<i>For Class 55 Rating, Add</i>	1,191.24	
<i>For Class 56 Rating, Add</i>	1,579.11	
40 05 19 00-1249 EA 14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,236.58	507.31
<i>For Class 52 Rating, Deduct</i>	-601.47	
<i>For Class 54 Rating, Add</i>	829.41	
<i>For Class 55 Rating, Add</i>	1,237.79	
<i>For Class 56 Rating, Add</i>	1,640.71	
40 05 19 00-1250 EA 14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,449.01	510.02
<i>For Class 52 Rating, Deduct</i>	-624.39	
<i>For Class 54 Rating, Add</i>	860.71	
<i>For Class 55 Rating, Add</i>	1,284.35	
<i>For Class 56 Rating, Add</i>	1,702.31	
40 05 19 00-1251 EA 14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,661.44	512.73
<i>For Class 52 Rating, Deduct</i>	-647.30	
<i>For Class 54 Rating, Add</i>	892.01	
<i>For Class 55 Rating, Add</i>	1,330.90	
<i>For Class 56 Rating, Add</i>	1,763.92	
40 05 19 00-1252 EA 14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,873.88	515.45
<i>For Class 52 Rating, Deduct</i>	-670.22	
<i>For Class 54 Rating, Add</i>	923.31	
<i>For Class 55 Rating, Add</i>	1,377.46	
<i>For Class 56 Rating, Add</i>	1,825.52	
40 05 19 00-1253 EA 14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,086.31	518.17
<i>For Class 52 Rating, Deduct</i>	-693.13	
<i>For Class 54 Rating, Add</i>	954.60	
<i>For Class 55 Rating, Add</i>	1,424.01	
<i>For Class 56 Rating, Add</i>	1,887.12	
40 05 19 00-1254 EA 14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,298.74	520.88
<i>For Class 52 Rating, Deduct</i>	-716.05	
<i>For Class 54 Rating, Add</i>	985.90	
<i>For Class 55 Rating, Add</i>	1,470.57	
<i>For Class 56 Rating, Add</i>	1,948.73	
40 05 19 00-1255 EA 14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,511.19	523.58
<i>For Class 52 Rating, Deduct</i>	-738.97	
<i>For Class 54 Rating, Add</i>	1,017.20	
<i>For Class 55 Rating, Add</i>	1,517.12	
<i>For Class 56 Rating, Add</i>	2,010.33	
40 05 19 00-1256 EA 14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,723.61	526.30
<i>For Class 52 Rating, Deduct</i>	-761.88	
<i>For Class 54 Rating, Add</i>	1,048.50	
<i>For Class 55 Rating, Add</i>	1,563.68	
<i>For Class 56 Rating, Add</i>	2,071.93	
40 05 19 00-1257 EA 14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,936.04	529.01
<i>For Class 52 Rating, Deduct</i>	-784.80	
<i>For Class 54 Rating, Add</i>	1,079.79	
<i>For Class 55 Rating, Add</i>	1,610.23	
<i>For Class 56 Rating, Add</i>	2,133.54	
40 05 19 00-1258 EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,148.49	531.72
<i>For Class 52 Rating, Deduct</i>	-807.71	
<i>For Class 54 Rating, Add</i>	1,111.09	
<i>For Class 55 Rating, Add</i>	1,656.79	
<i>For Class 56 Rating, Add</i>	2,195.14	
40 05 19 00-1259 EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,360.92	534.44
<i>For Class 52 Rating, Deduct</i>	-830.63	
<i>For Class 54 Rating, Add</i>	1,142.39	
<i>For Class 55 Rating, Add</i>	1,703.34	
<i>For Class 56 Rating, Add</i>	2,256.74	
40 05 19 00-1260 EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,573.35	537.16
<i>For Class 52 Rating, Deduct</i>	-853.54	
<i>For Class 54 Rating, Add</i>	1,173.69	
<i>For Class 55 Rating, Add</i>	1,749.90	
<i>For Class 56 Rating, Add</i>	2,318.35	
40 05 19 00-1261 EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,785.79	539.87
<i>For Class 52 Rating, Deduct</i>	-876.46	
<i>For Class 54 Rating, Add</i>	1,204.99	
<i>For Class 55 Rating, Add</i>	1,796.45	
<i>For Class 56 Rating, Add</i>	2,379.95	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1262	EA	14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,998.23	542.57
		<i>For Class 52 Rating, Deduct</i>		-899.38	
		<i>For Class 54 Rating, Add</i>		1,236.29	
		<i>For Class 55 Rating, Add</i>		1,843.01	
		<i>For Class 56 Rating, Add</i>		2,441.56	
40 05 19 00-1263	EA	14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,210.65	545.29
		<i>For Class 52 Rating, Deduct</i>		-922.29	
		<i>For Class 54 Rating, Add</i>		1,267.58	
		<i>For Class 55 Rating, Add</i>		1,889.56	
		<i>For Class 56 Rating, Add</i>		2,503.16	
40 05 19 00-1264	EA	14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,423.09	548.00
		<i>For Class 52 Rating, Deduct</i>		-945.21	
		<i>For Class 54 Rating, Add</i>		1,298.88	
		<i>For Class 55 Rating, Add</i>		1,936.12	
		<i>For Class 56 Rating, Add</i>		2,564.76	
40 05 19 00-1265	EA	14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,635.53	550.71
		<i>For Class 52 Rating, Deduct</i>		-968.12	
		<i>For Class 54 Rating, Add</i>		1,330.18	
		<i>For Class 55 Rating, Add</i>		1,982.67	
		<i>For Class 56 Rating, Add</i>		2,626.37	
40 05 19 00-1266	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,847.96	553.43
		<i>For Class 52 Rating, Deduct</i>		-991.04	
		<i>For Class 54 Rating, Add</i>		1,361.48	
		<i>For Class 55 Rating, Add</i>		2,029.23	
		<i>For Class 56 Rating, Add</i>		2,687.97	
40 05 19 00-1267	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,060.40	556.15
		<i>For Class 52 Rating, Deduct</i>		-1,013.95	
		<i>For Class 54 Rating, Add</i>		1,392.78	
		<i>For Class 55 Rating, Add</i>		2,075.78	
		<i>For Class 56 Rating, Add</i>		2,749.57	
40 05 19 00-1268		16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>			
40 05 19 00-1269	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,575.17	520.88
		<i>For Class 52 Rating, Deduct</i>		-196.46	
		<i>For Class 54 Rating, Add</i>		277.37	
		<i>For Class 55 Rating, Add</i>		417.21	
		<i>For Class 56 Rating, Add</i>		555.27	
40 05 19 00-1270	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,822.72	523.58
		<i>For Class 52 Rating, Deduct</i>		-223.23	
		<i>For Class 54 Rating, Add</i>		313.93	
		<i>For Class 55 Rating, Add</i>		471.60	
		<i>For Class 56 Rating, Add</i>		627.23	
40 05 19 00-1271	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,070.26	526.30
		<i>For Class 52 Rating, Deduct</i>		-250.01	
		<i>For Class 54 Rating, Add</i>		350.50	
		<i>For Class 55 Rating, Add</i>		525.98	
		<i>For Class 56 Rating, Add</i>		699.19	
40 05 19 00-1272	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,317.80	529.01
		<i>For Class 52 Rating, Deduct</i>		-276.79	
		<i>For Class 54 Rating, Add</i>		387.06	
		<i>For Class 55 Rating, Add</i>		580.36	
		<i>For Class 56 Rating, Add</i>		771.15	
40 05 19 00-1273	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,565.36	531.72
		<i>For Class 52 Rating, Deduct</i>		-303.57	
		<i>For Class 54 Rating, Add</i>		423.62	
		<i>For Class 55 Rating, Add</i>		634.75	
		<i>For Class 56 Rating, Add</i>		843.12	
40 05 19 00-1274	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,812.90	534.44
		<i>For Class 52 Rating, Deduct</i>		-330.35	
		<i>For Class 54 Rating, Add</i>		460.19	
		<i>For Class 55 Rating, Add</i>		689.13	
		<i>For Class 56 Rating, Add</i>		915.08	
40 05 19 00-1275	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,060.44	537.16
		<i>For Class 52 Rating, Deduct</i>		-357.12	
		<i>For Class 54 Rating, Add</i>		496.75	
		<i>For Class 55 Rating, Add</i>		743.52	
		<i>For Class 56 Rating, Add</i>		987.04	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1276 EA 16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,307.99	539.87
<i>For Class 52 Rating, Deduct</i>	-383.90	
<i>For Class 54 Rating, Add</i>	533.32	
<i>For Class 55 Rating, Add</i>	797.90	
<i>For Class 56 Rating, Add</i>	1,059.00	
40 05 19 00-1277 EA 16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,555.54	542.57
<i>For Class 52 Rating, Deduct</i>	-410.68	
<i>For Class 54 Rating, Add</i>	569.88	
<i>For Class 55 Rating, Add</i>	852.29	
<i>For Class 56 Rating, Add</i>	1,130.96	
40 05 19 00-1278 EA 16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,803.07	545.29
<i>For Class 52 Rating, Deduct</i>	-437.46	
<i>For Class 54 Rating, Add</i>	606.45	
<i>For Class 55 Rating, Add</i>	906.67	
<i>For Class 56 Rating, Add</i>	1,202.92	
40 05 19 00-1279 EA 16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,050.63	548.00
<i>For Class 52 Rating, Deduct</i>	-464.24	
<i>For Class 54 Rating, Add</i>	643.01	
<i>For Class 55 Rating, Add</i>	961.06	
<i>For Class 56 Rating, Add</i>	1,274.89	
40 05 19 00-1280 EA 16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,298.17	550.71
<i>For Class 52 Rating, Deduct</i>	-491.01	
<i>For Class 54 Rating, Add</i>	679.58	
<i>For Class 55 Rating, Add</i>	1,015.44	
<i>For Class 56 Rating, Add</i>	1,346.85	
40 05 19 00-1281 EA 16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,545.72	553.43
<i>For Class 52 Rating, Deduct</i>	-517.79	
<i>For Class 54 Rating, Add</i>	716.14	
<i>For Class 55 Rating, Add</i>	1,069.83	
<i>For Class 56 Rating, Add</i>	1,418.81	
40 05 19 00-1282 EA 16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,793.26	556.15
<i>For Class 52 Rating, Deduct</i>	-544.57	
<i>For Class 54 Rating, Add</i>	752.70	
<i>For Class 55 Rating, Add</i>	1,124.21	
<i>For Class 56 Rating, Add</i>	1,490.77	
40 05 19 00-1283 EA 16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,040.81	558.86
<i>For Class 52 Rating, Deduct</i>	-571.35	
<i>For Class 54 Rating, Add</i>	789.27	
<i>For Class 55 Rating, Add</i>	1,178.60	
<i>For Class 56 Rating, Add</i>	1,562.73	
40 05 19 00-1284 EA 16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,288.35	561.56
<i>For Class 52 Rating, Deduct</i>	-598.12	
<i>For Class 54 Rating, Add</i>	825.83	
<i>For Class 55 Rating, Add</i>	1,232.98	
<i>For Class 56 Rating, Add</i>	1,634.69	
40 05 19 00-1285 EA 16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,535.90	564.28
<i>For Class 52 Rating, Deduct</i>	-624.90	
<i>For Class 54 Rating, Add</i>	862.40	
<i>For Class 55 Rating, Add</i>	1,287.37	
<i>For Class 56 Rating, Add</i>	1,706.65	
40 05 19 00-1286 EA 16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,783.44	566.99
<i>For Class 52 Rating, Deduct</i>	-651.68	
<i>For Class 54 Rating, Add</i>	898.96	
<i>For Class 55 Rating, Add</i>	1,341.75	
<i>For Class 56 Rating, Add</i>	1,778.61	
40 05 19 00-1287 EA 16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,031.00	569.70
<i>For Class 52 Rating, Deduct</i>	-678.46	
<i>For Class 54 Rating, Add</i>	935.53	
<i>For Class 55 Rating, Add</i>	1,396.14	
<i>For Class 56 Rating, Add</i>	1,850.58	
40 05 19 00-1288 EA 16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,278.53	572.42
<i>For Class 52 Rating, Deduct</i>	-705.24	
<i>For Class 54 Rating, Add</i>	972.09	
<i>For Class 55 Rating, Add</i>	1,450.52	
<i>For Class 56 Rating, Add</i>	1,922.54	
40 05 19 00-1289 EA 16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,526.08	575.14
<i>For Class 52 Rating, Deduct</i>	-732.01	
<i>For Class 54 Rating, Add</i>	1,008.66	
<i>For Class 55 Rating, Add</i>	1,504.91	
<i>For Class 56 Rating, Add</i>	1,994.50	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1290	EA	16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,773.63	577.85
		<i>For Class 52 Rating, Deduct</i>		-758.79	
		<i>For Class 54 Rating, Add</i>		1,045.22	
		<i>For Class 55 Rating, Add</i>		1,559.29	
		<i>For Class 56 Rating, Add</i>		2,066.46	
40 05 19 00-1291	EA	16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,021.17	580.55
		<i>For Class 52 Rating, Deduct</i>		-785.57	
		<i>For Class 54 Rating, Add</i>		1,081.79	
		<i>For Class 55 Rating, Add</i>		1,613.67	
		<i>For Class 56 Rating, Add</i>		2,138.42	
40 05 19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,268.71	583.27
		<i>For Class 52 Rating, Deduct</i>		-812.35	
		<i>For Class 54 Rating, Add</i>		1,118.35	
		<i>For Class 55 Rating, Add</i>		1,668.06	
		<i>For Class 56 Rating, Add</i>		2,210.38	
40 05 19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,516.27	585.99
		<i>For Class 52 Rating, Deduct</i>		-839.13	
		<i>For Class 54 Rating, Add</i>		1,154.92	
		<i>For Class 55 Rating, Add</i>		1,722.44	
		<i>For Class 56 Rating, Add</i>		2,282.34	
40 05 19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,763.80	588.69
		<i>For Class 52 Rating, Deduct</i>		-865.90	
		<i>For Class 54 Rating, Add</i>		1,191.48	
		<i>For Class 55 Rating, Add</i>		1,776.83	
		<i>For Class 56 Rating, Add</i>		2,354.30	
40 05 19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,011.35	591.41
		<i>For Class 52 Rating, Deduct</i>		-892.68	
		<i>For Class 54 Rating, Add</i>		1,228.04	
		<i>For Class 55 Rating, Add</i>		1,831.21	
		<i>For Class 56 Rating, Add</i>		2,426.27	
40 05 19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,258.90	594.13
		<i>For Class 52 Rating, Deduct</i>		-919.46	
		<i>For Class 54 Rating, Add</i>		1,264.61	
		<i>For Class 55 Rating, Add</i>		1,885.60	
		<i>For Class 56 Rating, Add</i>		2,498.23	
40 05 19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,506.44	596.83
		<i>For Class 52 Rating, Deduct</i>		-946.24	
		<i>For Class 54 Rating, Add</i>		1,301.17	
		<i>For Class 55 Rating, Add</i>		1,939.98	
		<i>For Class 56 Rating, Add</i>		2,570.19	
40 05 19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,753.99	599.54
		<i>For Class 52 Rating, Deduct</i>		-973.01	
		<i>For Class 54 Rating, Add</i>		1,337.74	
		<i>For Class 55 Rating, Add</i>		1,994.37	
		<i>For Class 56 Rating, Add</i>		2,642.15	
40 05 19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,001.54	602.26
		<i>For Class 52 Rating, Deduct</i>		-999.79	
		<i>For Class 54 Rating, Add</i>		1,374.30	
		<i>For Class 55 Rating, Add</i>		2,048.75	
		<i>For Class 56 Rating, Add</i>		2,714.11	
40 05 19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,249.08	604.98
		<i>For Class 52 Rating, Deduct</i>		-1,026.57	
		<i>For Class 54 Rating, Add</i>		1,410.87	
		<i>For Class 55 Rating, Add</i>		2,103.14	
		<i>For Class 56 Rating, Add</i>		2,786.07	
40 05 19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,496.63	607.68
		<i>For Class 52 Rating, Deduct</i>		-1,053.35	
		<i>For Class 54 Rating, Add</i>		1,447.43	
		<i>For Class 55 Rating, Add</i>		2,157.52	
		<i>For Class 56 Rating, Add</i>		2,858.03	
40 05 19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,744.17	610.40
		<i>For Class 52 Rating, Deduct</i>		-1,080.13	
		<i>For Class 54 Rating, Add</i>		1,484.00	
		<i>For Class 55 Rating, Add</i>		2,211.90	
		<i>For Class 56 Rating, Add</i>		2,929.99	
40 05 19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,991.72	613.12
		<i>For Class 52 Rating, Deduct</i>		-1,106.90	
		<i>For Class 54 Rating, Add</i>		1,520.56	
		<i>For Class 55 Rating, Add</i>		2,266.29	
		<i>For Class 56 Rating, Add</i>		3,001.96	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1304 EA 16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,239.26	615.82
For Class 52 Rating, Deduct	-1,133.68	
For Class 54 Rating, Add	1,557.13	
For Class 55 Rating, Add	2,320.67	
For Class 56 Rating, Add	3,073.92	
40 05 19 00-1305 EA 16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,486.80	618.53
For Class 52 Rating, Deduct	-1,160.46	
For Class 54 Rating, Add	1,593.69	
For Class 55 Rating, Add	2,375.06	
For Class 56 Rating, Add	3,145.88	
40 05 19 00-1306 EA 16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,734.35	621.25
For Class 52 Rating, Deduct	-1,187.24	
For Class 54 Rating, Add	1,630.25	
For Class 55 Rating, Add	2,429.44	
For Class 56 Rating, Add	3,217.84	
<b>40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b>		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1308 EA 18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,984.44	587.07
For Class 52 Rating, Deduct	-230.44	
For Class 54 Rating, Add	324.92	
For Class 55 Rating, Add	488.52	
For Class 56 Rating, Add	650.03	
40 05 19 00-1309 EA 18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,269.44	589.79
For Class 52 Rating, Deduct	-261.34	
For Class 54 Rating, Add	367.10	
For Class 55 Rating, Add	551.26	
For Class 56 Rating, Add	733.04	
40 05 19 00-1310 EA 18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,554.44	592.50
For Class 52 Rating, Deduct	-292.24	
For Class 54 Rating, Add	409.28	
For Class 55 Rating, Add	613.99	
For Class 56 Rating, Add	816.05	
40 05 19 00-1311 EA 18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,839.43	595.21
For Class 52 Rating, Deduct	-323.14	
For Class 54 Rating, Add	451.46	
For Class 55 Rating, Add	676.73	
For Class 56 Rating, Add	899.06	
40 05 19 00-1312 EA 18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,124.44	597.92
For Class 52 Rating, Deduct	-354.03	
For Class 54 Rating, Add	493.64	
For Class 55 Rating, Add	739.47	
For Class 56 Rating, Add	982.07	
40 05 19 00-1313 EA 18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,409.43	600.63
For Class 52 Rating, Deduct	-384.93	
For Class 54 Rating, Add	535.83	
For Class 55 Rating, Add	802.20	
For Class 56 Rating, Add	1,065.08	
40 05 19 00-1314 EA 18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,694.42	603.34
For Class 52 Rating, Deduct	-415.83	
For Class 54 Rating, Add	578.01	
For Class 55 Rating, Add	864.94	
For Class 56 Rating, Add	1,148.09	
40 05 19 00-1315 EA 18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,979.43	606.06
For Class 52 Rating, Deduct	-446.73	
For Class 54 Rating, Add	620.19	
For Class 55 Rating, Add	927.68	
For Class 56 Rating, Add	1,231.10	
40 05 19 00-1316 EA 18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,264.43	608.78
For Class 52 Rating, Deduct	-477.62	
For Class 54 Rating, Add	662.37	
For Class 55 Rating, Add	990.41	
For Class 56 Rating, Add	1,314.11	
40 05 19 00-1317 EA 18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,549.41	611.49
For Class 52 Rating, Deduct	-508.52	
For Class 54 Rating, Add	704.56	
For Class 55 Rating, Add	1,053.15	
For Class 56 Rating, Add	1,397.12	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1318	EA	18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,834.42	614.20
		<i>For Class 52 Rating, Deduct</i>		-539.42	
		<i>For Class 54 Rating, Add</i>		746.74	
		<i>For Class 55 Rating, Add</i>		1,115.88	
		<i>For Class 56 Rating, Add</i>		1,480.13	
40 05 19 00-1319	EA	18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,119.41	616.91
		<i>For Class 52 Rating, Deduct</i>		-570.32	
		<i>For Class 54 Rating, Add</i>		788.92	
		<i>For Class 55 Rating, Add</i>		1,178.62	
		<i>For Class 56 Rating, Add</i>		1,563.13	
40 05 19 00-1320	EA	18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,404.40	619.62
		<i>For Class 52 Rating, Deduct</i>		-601.21	
		<i>For Class 54 Rating, Add</i>		831.10	
		<i>For Class 55 Rating, Add</i>		1,241.36	
		<i>For Class 56 Rating, Add</i>		1,646.14	
40 05 19 00-1321	EA	18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,689.41	622.33
		<i>For Class 52 Rating, Deduct</i>		-632.11	
		<i>For Class 54 Rating, Add</i>		873.29	
		<i>For Class 55 Rating, Add</i>		1,304.09	
		<i>For Class 56 Rating, Add</i>		1,729.15	
40 05 19 00-1322	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		6,974.40	625.05
		<i>For Class 52 Rating, Deduct</i>		-663.01	
		<i>For Class 54 Rating, Add</i>		915.47	
		<i>For Class 55 Rating, Add</i>		1,366.83	
		<i>For Class 56 Rating, Add</i>		1,812.16	
40 05 19 00-1323	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,259.39	627.77
		<i>For Class 52 Rating, Deduct</i>		-693.91	
		<i>For Class 54 Rating, Add</i>		957.65	
		<i>For Class 55 Rating, Add</i>		1,429.57	
		<i>For Class 56 Rating, Add</i>		1,895.17	
40 05 19 00-1324	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,544.40	630.48
		<i>For Class 52 Rating, Deduct</i>		-724.80	
		<i>For Class 54 Rating, Add</i>		999.83	
		<i>For Class 55 Rating, Add</i>		1,492.30	
		<i>For Class 56 Rating, Add</i>		1,978.18	
40 05 19 00-1325	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		7,829.39	633.19
		<i>For Class 52 Rating, Deduct</i>		-755.70	
		<i>For Class 54 Rating, Add</i>		1,042.01	
		<i>For Class 55 Rating, Add</i>		1,555.04	
		<i>For Class 56 Rating, Add</i>		2,061.19	
40 05 19 00-1326	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,114.38	635.90
		<i>For Class 52 Rating, Deduct</i>		-786.60	
		<i>For Class 54 Rating, Add</i>		1,084.20	
		<i>For Class 55 Rating, Add</i>		1,617.77	
		<i>For Class 56 Rating, Add</i>		2,144.20	
40 05 19 00-1327	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,399.39	638.61
		<i>For Class 52 Rating, Deduct</i>		-817.50	
		<i>For Class 54 Rating, Add</i>		1,126.38	
		<i>For Class 55 Rating, Add</i>		1,680.51	
		<i>For Class 56 Rating, Add</i>		2,227.21	
40 05 19 00-1328	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,684.38	641.32
		<i>For Class 52 Rating, Deduct</i>		-848.39	
		<i>For Class 54 Rating, Add</i>		1,168.56	
		<i>For Class 55 Rating, Add</i>		1,743.25	
		<i>For Class 56 Rating, Add</i>		2,310.22	
40 05 19 00-1329	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		8,969.38	644.04
		<i>For Class 52 Rating, Deduct</i>		-879.29	
		<i>For Class 54 Rating, Add</i>		1,210.74	
		<i>For Class 55 Rating, Add</i>		1,805.98	
		<i>For Class 56 Rating, Add</i>		2,393.23	
40 05 19 00-1330	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,254.38	646.76
		<i>For Class 52 Rating, Deduct</i>		-910.19	
		<i>For Class 54 Rating, Add</i>		1,252.93	
		<i>For Class 55 Rating, Add</i>		1,868.72	
		<i>For Class 56 Rating, Add</i>		2,476.24	
40 05 19 00-1331	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,539.37	649.46
		<i>For Class 52 Rating, Deduct</i>		-941.09	
		<i>For Class 54 Rating, Add</i>		1,295.11	
		<i>For Class 55 Rating, Add</i>		1,931.46	
		<i>For Class 56 Rating, Add</i>		2,559.25	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1332 EA 18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,824.38	652.18
<i>For Class 52 Rating, Deduct</i>	-971.98	
<i>For Class 54 Rating, Add</i>	1,337.29	
<i>For Class 55 Rating, Add</i>	1,994.19	
<i>For Class 56 Rating, Add</i>	2,642.26	
40 05 19 00-1333 EA 18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,109.36	654.89
<i>For Class 52 Rating, Deduct</i>	-1,002.88	
<i>For Class 54 Rating, Add</i>	1,379.47	
<i>For Class 55 Rating, Add</i>	2,056.93	
<i>For Class 56 Rating, Add</i>	2,725.27	
40 05 19 00-1334 EA 18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,394.36	657.61
<i>For Class 52 Rating, Deduct</i>	-1,033.78	
<i>For Class 54 Rating, Add</i>	1,421.65	
<i>For Class 55 Rating, Add</i>	2,119.66	
<i>For Class 56 Rating, Add</i>	2,808.28	
40 05 19 00-1335 EA 18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,679.37	660.31
<i>For Class 52 Rating, Deduct</i>	-1,064.68	
<i>For Class 54 Rating, Add</i>	1,463.84	
<i>For Class 55 Rating, Add</i>	2,182.40	
<i>For Class 56 Rating, Add</i>	2,891.29	
40 05 19 00-1336 EA 18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,964.35	663.03
<i>For Class 52 Rating, Deduct</i>	-1,095.57	
<i>For Class 54 Rating, Add</i>	1,506.02	
<i>For Class 55 Rating, Add</i>	2,245.14	
<i>For Class 56 Rating, Add</i>	2,974.29	
40 05 19 00-1337 EA 18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,249.35	665.75
<i>For Class 52 Rating, Deduct</i>	-1,126.47	
<i>For Class 54 Rating, Add</i>	1,548.20	
<i>For Class 55 Rating, Add</i>	2,307.87	
<i>For Class 56 Rating, Add</i>	3,057.30	
40 05 19 00-1338 EA 18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,534.36	668.45
<i>For Class 52 Rating, Deduct</i>	-1,157.37	
<i>For Class 54 Rating, Add</i>	1,590.38	
<i>For Class 55 Rating, Add</i>	2,370.61	
<i>For Class 56 Rating, Add</i>	3,140.32	
40 05 19 00-1339 EA 18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,819.35	671.17
<i>For Class 52 Rating, Deduct</i>	-1,188.27	
<i>For Class 54 Rating, Add</i>	1,632.57	
<i>For Class 55 Rating, Add</i>	2,433.35	
<i>For Class 56 Rating, Add</i>	3,223.32	
40 05 19 00-1340 EA 18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,104.34	673.88
<i>For Class 52 Rating, Deduct</i>	-1,219.16	
<i>For Class 54 Rating, Add</i>	1,674.75	
<i>For Class 55 Rating, Add</i>	2,496.08	
<i>For Class 56 Rating, Add</i>	3,306.33	
40 05 19 00-1341 EA 18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,389.35	676.60
<i>For Class 52 Rating, Deduct</i>	-1,250.06	
<i>For Class 54 Rating, Add</i>	1,716.93	
<i>For Class 55 Rating, Add</i>	2,558.82	
<i>For Class 56 Rating, Add</i>	3,389.34	
40 05 19 00-1342 EA 18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,674.34	679.30
<i>For Class 52 Rating, Deduct</i>	-1,280.96	
<i>For Class 54 Rating, Add</i>	1,759.11	
<i>For Class 55 Rating, Add</i>	2,621.56	
<i>For Class 56 Rating, Add</i>	3,472.35	
40 05 19 00-1343 EA 18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,959.33	682.02
<i>For Class 52 Rating, Deduct</i>	-1,311.86	
<i>For Class 54 Rating, Add</i>	1,801.30	
<i>For Class 55 Rating, Add</i>	2,684.29	
<i>For Class 56 Rating, Add</i>	3,555.36	
40 05 19 00-1344 EA 18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,244.33	684.74
<i>For Class 52 Rating, Deduct</i>	-1,342.75	
<i>For Class 54 Rating, Add</i>	1,843.48	
<i>For Class 55 Rating, Add</i>	2,747.03	
<i>For Class 56 Rating, Add</i>	3,638.37	
40 05 19 00-1345 EA 18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,529.33	687.44
<i>For Class 52 Rating, Deduct</i>	-1,373.65	
<i>For Class 54 Rating, Add</i>	1,885.66	
<i>For Class 55 Rating, Add</i>	2,809.76	
<i>For Class 56 Rating, Add</i>	3,721.38	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1346			20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1347	EA		20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,482.40	670.09
			For Class 52 Rating, Deduct .....	-271.38	
			For Class 54 Rating, Add .....	382.25	
			For Class 55 Rating, Add .....	574.53	
			For Class 56 Rating, Add .....	764.35	
40 05 19 00-1348	EA		20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	3,809.53	672.80
			For Class 52 Rating, Deduct .....	-306.92	
			For Class 54 Rating, Add .....	430.75	
			For Class 55 Rating, Add .....	646.67	
			For Class 56 Rating, Add .....	859.79	
40 05 19 00-1349	EA		20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,136.66	675.50
			For Class 52 Rating, Deduct .....	-342.45	
			For Class 54 Rating, Add .....	479.26	
			For Class 55 Rating, Add .....	718.80	
			For Class 56 Rating, Add .....	955.23	
40 05 19 00-1350	EA		20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,463.79	678.22
			For Class 52 Rating, Deduct .....	-377.98	
			For Class 54 Rating, Add .....	527.76	
			For Class 55 Rating, Add .....	790.93	
			For Class 56 Rating, Add .....	1,050.67	
40 05 19 00-1351	EA		20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	4,790.92	680.94
			For Class 52 Rating, Deduct .....	-413.51	
			For Class 54 Rating, Add .....	576.26	
			For Class 55 Rating, Add .....	863.06	
			For Class 56 Rating, Add .....	1,146.11	
40 05 19 00-1352	EA		20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,118.05	683.64
			For Class 52 Rating, Deduct .....	-449.04	
			For Class 54 Rating, Add .....	624.76	
			For Class 55 Rating, Add .....	935.19	
			For Class 56 Rating, Add .....	1,241.54	
40 05 19 00-1353	EA		20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,445.18	686.36
			For Class 52 Rating, Deduct .....	-484.58	
			For Class 54 Rating, Add .....	673.27	
			For Class 55 Rating, Add .....	1,007.33	
			For Class 56 Rating, Add .....	1,336.98	
40 05 19 00-1354	EA		20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	5,772.30	689.08
			For Class 52 Rating, Deduct .....	-520.11	
			For Class 54 Rating, Add .....	721.77	
			For Class 55 Rating, Add .....	1,079.46	
			For Class 56 Rating, Add .....	1,432.42	
40 05 19 00-1355	EA		20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,099.43	691.79
			For Class 52 Rating, Deduct .....	-555.64	
			For Class 54 Rating, Add .....	770.27	
			For Class 55 Rating, Add .....	1,151.59	
			For Class 56 Rating, Add .....	1,527.86	
40 05 19 00-1356	EA		20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,426.56	694.49
			For Class 52 Rating, Deduct .....	-591.17	
			For Class 54 Rating, Add .....	818.77	
			For Class 55 Rating, Add .....	1,223.72	
			For Class 56 Rating, Add .....	1,623.30	
40 05 19 00-1357	EA		20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	6,753.69	697.21
			For Class 52 Rating, Deduct .....	-626.70	
			For Class 54 Rating, Add .....	867.27	
			For Class 55 Rating, Add .....	1,295.85	
			For Class 56 Rating, Add .....	1,718.74	
40 05 19 00-1358	EA		20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,080.82	699.93
			For Class 52 Rating, Deduct .....	-662.24	
			For Class 54 Rating, Add .....	915.78	
			For Class 55 Rating, Add .....	1,367.99	
			For Class 56 Rating, Add .....	1,814.17	
40 05 19 00-1359	EA		20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,407.96	702.63
			For Class 52 Rating, Deduct .....	-697.77	
			For Class 54 Rating, Add .....	964.28	
			For Class 55 Rating, Add .....	1,440.12	
			For Class 56 Rating, Add .....	1,909.61	
40 05 19 00-1360	EA		20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	7,735.08	705.35
			For Class 52 Rating, Deduct .....	-733.30	
			For Class 54 Rating, Add .....	1,012.78	
			For Class 55 Rating, Add .....	1,512.25	
			For Class 56 Rating, Add .....	2,005.05	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1361 EA 20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,062.22	708.07
For Class 52 Rating, Deduct	-768.83	
For Class 54 Rating, Add	1,061.28	
For Class 55 Rating, Add	1,584.38	
For Class 56 Rating, Add	2,100.49	
40 05 19 00-1362 EA 20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,389.35	710.78
For Class 52 Rating, Deduct	-804.37	
For Class 54 Rating, Add	1,109.78	
For Class 55 Rating, Add	1,656.51	
For Class 56 Rating, Add	2,195.93	
40 05 19 00-1363 EA 20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	8,716.47	713.48
For Class 52 Rating, Deduct	-839.90	
For Class 54 Rating, Add	1,158.29	
For Class 55 Rating, Add	1,728.65	
For Class 56 Rating, Add	2,291.37	
40 05 19 00-1364 EA 20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe .....	9,043.61	716.20
For Class 52 Rating, Deduct	-875.43	
For Class 54 Rating, Add	1,206.79	
For Class 55 Rating, Add	1,800.78	
For Class 56 Rating, Add	2,386.81	
40 05 19 00-1365 EA 20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	9,370.74	718.92
For Class 52 Rating, Deduct	-910.96	
For Class 54 Rating, Add	1,255.29	
For Class 55 Rating, Add	1,872.91	
For Class 56 Rating, Add	2,482.25	
40 05 19 00-1366 EA 20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	9,697.86	721.63
For Class 52 Rating, Deduct	-946.49	
For Class 54 Rating, Add	1,303.79	
For Class 55 Rating, Add	1,945.04	
For Class 56 Rating, Add	2,577.69	
40 05 19 00-1367 EA 20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	10,025.00	724.34
For Class 52 Rating, Deduct	-982.03	
For Class 54 Rating, Add	1,352.30	
For Class 55 Rating, Add	2,017.17	
For Class 56 Rating, Add	2,673.13	
40 05 19 00-1368 EA 20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	10,352.13	727.06
For Class 52 Rating, Deduct	-1,017.56	
For Class 54 Rating, Add	1,400.80	
For Class 55 Rating, Add	2,089.31	
For Class 56 Rating, Add	2,768.56	
40 05 19 00-1369 EA 20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	10,679.24	729.77
For Class 52 Rating, Deduct	-1,053.09	
For Class 54 Rating, Add	1,449.30	
For Class 55 Rating, Add	2,161.44	
For Class 56 Rating, Add	2,864.00	
40 05 19 00-1370 EA 20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	11,006.38	732.47
For Class 52 Rating, Deduct	-1,088.62	
For Class 54 Rating, Add	1,497.80	
For Class 55 Rating, Add	2,233.57	
For Class 56 Rating, Add	2,959.44	
40 05 19 00-1371 EA 20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	11,333.51	735.19
For Class 52 Rating, Deduct	-1,124.15	
For Class 54 Rating, Add	1,546.30	
For Class 55 Rating, Add	2,305.70	
For Class 56 Rating, Add	3,054.88	
40 05 19 00-1372 EA 20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	11,660.64	737.91
For Class 52 Rating, Deduct	-1,159.69	
For Class 54 Rating, Add	1,594.81	
For Class 55 Rating, Add	2,377.83	
For Class 56 Rating, Add	3,150.32	
40 05 19 00-1373 EA 20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	11,987.77	740.62
For Class 52 Rating, Deduct	-1,195.22	
For Class 54 Rating, Add	1,643.31	
For Class 55 Rating, Add	2,449.96	
For Class 56 Rating, Add	3,245.76	
40 05 19 00-1374 EA 20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile		
Iron Pipe .....	12,314.90	743.33
For Class 52 Rating, Deduct	-1,230.75	
For Class 54 Rating, Add	1,691.81	
For Class 55 Rating, Add	2,522.10	
For Class 56 Rating, Add	3,341.19	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1375	EA	20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,642.03	746.05
		<i>For Class 52 Rating, Deduct</i>		-1,266.28	
		<i>For Class 54 Rating, Add</i>		1,740.31	
		<i>For Class 55 Rating, Add</i>		2,594.23	
		<i>For Class 56 Rating, Add</i>		3,436.63	
40 05 19 00-1376	EA	20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,969.16	748.76
		<i>For Class 52 Rating, Deduct</i>		-1,301.81	
		<i>For Class 54 Rating, Add</i>		1,788.82	
		<i>For Class 55 Rating, Add</i>		2,666.36	
		<i>For Class 56 Rating, Add</i>		3,532.07	
40 05 19 00-1377	EA	20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,296.29	751.46
		<i>For Class 52 Rating, Deduct</i>		-1,337.35	
		<i>For Class 54 Rating, Add</i>		1,837.32	
		<i>For Class 55 Rating, Add</i>		2,738.49	
		<i>For Class 56 Rating, Add</i>		3,627.51	
40 05 19 00-1378	EA	20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,623.42	754.18
		<i>For Class 52 Rating, Deduct</i>		-1,372.88	
		<i>For Class 54 Rating, Add</i>		1,885.82	
		<i>For Class 55 Rating, Add</i>		2,810.63	
		<i>For Class 56 Rating, Add</i>		3,722.95	
40 05 19 00-1379	EA	20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,950.55	756.89
		<i>For Class 52 Rating, Deduct</i>		-1,408.41	
		<i>For Class 54 Rating, Add</i>		1,934.32	
		<i>For Class 55 Rating, Add</i>		2,882.76	
		<i>For Class 56 Rating, Add</i>		3,818.39	
40 05 19 00-1380	EA	20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,277.68	759.61
		<i>For Class 52 Rating, Deduct</i>		-1,443.94	
		<i>For Class 54 Rating, Add</i>		1,982.83	
		<i>For Class 55 Rating, Add</i>		2,954.89	
		<i>For Class 56 Rating, Add</i>		3,913.83	
40 05 19 00-1381	EA	20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,604.82	762.32
		<i>For Class 52 Rating, Deduct</i>		-1,479.48	
		<i>For Class 54 Rating, Add</i>		2,031.33	
		<i>For Class 55 Rating, Add</i>		3,027.02	
		<i>For Class 56 Rating, Add</i>		4,009.27	
40 05 19 00-1382	EA	20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,931.94	765.04
		<i>For Class 52 Rating, Deduct</i>		-1,515.01	
		<i>For Class 54 Rating, Add</i>		2,079.83	
		<i>For Class 55 Rating, Add</i>		3,099.15	
		<i>For Class 56 Rating, Add</i>		4,104.71	
40 05 19 00-1383	EA	20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,259.07	767.75
		<i>For Class 52 Rating, Deduct</i>		-1,550.54	
		<i>For Class 54 Rating, Add</i>		2,128.33	
		<i>For Class 55 Rating, Add</i>		3,171.29	
		<i>For Class 56 Rating, Add</i>		4,200.14	
40 05 19 00-1384	EA	20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,586.21	770.45
		<i>For Class 52 Rating, Deduct</i>		-1,586.07	
		<i>For Class 54 Rating, Add</i>		2,176.83	
		<i>For Class 55 Rating, Add</i>		3,243.42	
		<i>For Class 56 Rating, Add</i>		4,295.58	
40 05 19 00-1385		24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>			
40 05 19 00-1386	EA	24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,280.63	792.16
		<i>For Class 52 Rating, Deduct</i>		-338.84	
		<i>For Class 54 Rating, Add</i>		476.46	
		<i>For Class 55 Rating, Add</i>		715.73	
		<i>For Class 56 Rating, Add</i>		951.92	
40 05 19 00-1387	EA	24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		4,685.01	794.87
		<i>For Class 52 Rating, Deduct</i>		-382.87	
		<i>For Class 54 Rating, Add</i>		536.55	
		<i>For Class 55 Rating, Add</i>		805.09	
		<i>For Class 56 Rating, Add</i>		1,070.15	
40 05 19 00-1388	EA	24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		5,089.38	797.59
		<i>For Class 52 Rating, Deduct</i>		-426.90	
		<i>For Class 54 Rating, Add</i>		596.64	
		<i>For Class 55 Rating, Add</i>		894.45	
		<i>For Class 56 Rating, Add</i>		1,188.37	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-1389 EA 24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	5,493.75	800.30
Pipe		
For Class 52 Rating, Deduct	-470.93	
For Class 54 Rating, Add	656.73	
For Class 55 Rating, Add	983.80	
For Class 56 Rating, Add	1,306.60	
40 05 19 00-1390 EA 24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	5,898.13	803.02
Pipe		
For Class 52 Rating, Deduct	-514.96	
For Class 54 Rating, Add	716.82	
For Class 55 Rating, Add	1,073.16	
For Class 56 Rating, Add	1,424.83	
40 05 19 00-1391 EA 24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,302.50	805.73
Pipe		
For Class 52 Rating, Deduct	-558.99	
For Class 54 Rating, Add	776.90	
For Class 55 Rating, Add	1,162.52	
For Class 56 Rating, Add	1,543.05	
40 05 19 00-1392 EA 24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	6,706.88	808.45
Pipe		
For Class 52 Rating, Deduct	-603.02	
For Class 54 Rating, Add	836.99	
For Class 55 Rating, Add	1,251.88	
For Class 56 Rating, Add	1,661.28	
40 05 19 00-1393 EA 24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,111.25	811.15
Pipe		
For Class 52 Rating, Deduct	-647.05	
For Class 54 Rating, Add	897.08	
For Class 55 Rating, Add	1,341.23	
For Class 56 Rating, Add	1,779.50	
40 05 19 00-1394 EA 24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,515.62	813.86
Pipe		
For Class 52 Rating, Deduct	-691.07	
For Class 54 Rating, Add	957.17	
For Class 55 Rating, Add	1,430.59	
For Class 56 Rating, Add	1,897.73	
40 05 19 00-1395 EA 24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	7,920.01	816.58
Pipe		
For Class 52 Rating, Deduct	-735.10	
For Class 54 Rating, Add	1,017.26	
For Class 55 Rating, Add	1,519.95	
For Class 56 Rating, Add	2,015.96	
40 05 19 00-1396 EA 24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	8,324.37	819.29
Pipe		
For Class 52 Rating, Deduct	-779.13	
For Class 54 Rating, Add	1,077.35	
For Class 55 Rating, Add	1,609.31	
For Class 56 Rating, Add	2,134.18	
40 05 19 00-1397 EA 24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	8,728.74	822.01
Pipe		
For Class 52 Rating, Deduct	-823.16	
For Class 54 Rating, Add	1,137.44	
For Class 55 Rating, Add	1,698.66	
For Class 56 Rating, Add	2,252.40	
40 05 19 00-1398 EA 24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,133.12	824.72
Pipe		
For Class 52 Rating, Deduct	-867.19	
For Class 54 Rating, Add	1,197.53	
For Class 55 Rating, Add	1,788.02	
For Class 56 Rating, Add	2,370.63	
40 05 19 00-1399 EA 24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,537.49	827.44
Pipe		
For Class 52 Rating, Deduct	-911.22	
For Class 54 Rating, Add	1,257.62	
For Class 55 Rating, Add	1,877.38	
For Class 56 Rating, Add	2,488.86	
40 05 19 00-1400 EA 24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	9,941.86	830.14
Pipe		
For Class 52 Rating, Deduct	-955.25	
For Class 54 Rating, Add	1,317.70	
For Class 55 Rating, Add	1,966.73	
For Class 56 Rating, Add	2,607.08	
40 05 19 00-1401 EA 24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	10,346.24	832.85
Pipe		
For Class 52 Rating, Deduct	-999.28	
For Class 54 Rating, Add	1,377.79	
For Class 55 Rating, Add	2,056.09	
For Class 56 Rating, Add	2,725.31	
40 05 19 00-1402 EA 24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron	10,750.61	835.57
Pipe		
For Class 52 Rating, Deduct	-1,043.31	
For Class 54 Rating, Add	1,437.88	
For Class 55 Rating, Add	2,145.45	
For Class 56 Rating, Add	2,843.53	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1403	EA	24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,154.98	838.28
		<i>For Class 52 Rating, Deduct</i>		-1,087.33	
		<i>For Class 54 Rating, Add</i>		1,497.97	
		<i>For Class 55 Rating, Add</i>		2,234.81	
		<i>For Class 56 Rating, Add</i>		2,961.76	
40 05 19 00-1404	EA	24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,559.36	841.00
		<i>For Class 52 Rating, Deduct</i>		-1,131.36	
		<i>For Class 54 Rating, Add</i>		1,558.06	
		<i>For Class 55 Rating, Add</i>		2,324.16	
		<i>For Class 56 Rating, Add</i>		3,079.98	
40 05 19 00-1405	EA	24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,963.74	843.71
		<i>For Class 52 Rating, Deduct</i>		-1,175.39	
		<i>For Class 54 Rating, Add</i>		1,618.15	
		<i>For Class 55 Rating, Add</i>		2,413.52	
		<i>For Class 56 Rating, Add</i>		3,198.21	
40 05 19 00-1406	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,368.10	846.43
		<i>For Class 52 Rating, Deduct</i>		-1,219.42	
		<i>For Class 54 Rating, Add</i>		1,678.24	
		<i>For Class 55 Rating, Add</i>		2,502.88	
		<i>For Class 56 Rating, Add</i>		3,316.43	
40 05 19 00-1407	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,772.48	849.13
		<i>For Class 52 Rating, Deduct</i>		-1,263.45	
		<i>For Class 54 Rating, Add</i>		1,738.33	
		<i>For Class 55 Rating, Add</i>		2,592.24	
		<i>For Class 56 Rating, Add</i>		3,434.66	
40 05 19 00-1408	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,176.86	851.84
		<i>For Class 52 Rating, Deduct</i>		-1,307.48	
		<i>For Class 54 Rating, Add</i>		1,798.42	
		<i>For Class 55 Rating, Add</i>		2,681.59	
		<i>For Class 56 Rating, Add</i>		3,552.89	
40 05 19 00-1409	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,581.22	854.56
		<i>For Class 52 Rating, Deduct</i>		-1,351.51	
		<i>For Class 54 Rating, Add</i>		1,858.50	
		<i>For Class 55 Rating, Add</i>		2,770.95	
		<i>For Class 56 Rating, Add</i>		3,671.11	
40 05 19 00-1410	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,985.60	857.28
		<i>For Class 52 Rating, Deduct</i>		-1,395.54	
		<i>For Class 54 Rating, Add</i>		1,918.59	
		<i>For Class 55 Rating, Add</i>		2,860.31	
		<i>For Class 56 Rating, Add</i>		3,789.34	
40 05 19 00-1411	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,389.98	859.99
		<i>For Class 52 Rating, Deduct</i>		-1,439.57	
		<i>For Class 54 Rating, Add</i>		1,978.68	
		<i>For Class 55 Rating, Add</i>		2,949.67	
		<i>For Class 56 Rating, Add</i>		3,907.56	
40 05 19 00-1412	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,794.35	862.70
		<i>For Class 52 Rating, Deduct</i>		-1,483.60	
		<i>For Class 54 Rating, Add</i>		2,038.77	
		<i>For Class 55 Rating, Add</i>		3,039.02	
		<i>For Class 56 Rating, Add</i>		4,025.79	
40 05 19 00-1413	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,198.72	865.42
		<i>For Class 52 Rating, Deduct</i>		-1,527.62	
		<i>For Class 54 Rating, Add</i>		2,098.86	
		<i>For Class 55 Rating, Add</i>		3,128.38	
		<i>For Class 56 Rating, Add</i>		4,144.01	
40 05 19 00-1414	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,603.09	868.12
		<i>For Class 52 Rating, Deduct</i>		-1,571.65	
		<i>For Class 54 Rating, Add</i>		2,158.95	
		<i>For Class 55 Rating, Add</i>		3,217.74	
		<i>For Class 56 Rating, Add</i>		4,262.24	
40 05 19 00-1415	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,077.35	916.95
		<i>For Class 52 Rating, Deduct</i>		-1,615.68	
		<i>For Class 54 Rating, Add</i>		2,219.87	
		<i>For Class 55 Rating, Add</i>		3,308.77	
		<i>For Class 56 Rating, Add</i>		4,382.98	
40 05 19 00-1416	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,481.72	919.67
		<i>For Class 52 Rating, Deduct</i>		-1,659.71	
		<i>For Class 54 Rating, Add</i>		2,279.96	
		<i>For Class 55 Rating, Add</i>		3,398.13	
		<i>For Class 56 Rating, Add</i>		4,501.21	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1417 EA 24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,886.09	922.39
For Class 52 Rating, Deduct	-1,703.74	
For Class 54 Rating, Add	2,340.05	
For Class 55 Rating, Add	3,487.49	
For Class 56 Rating, Add	4,619.43	
40 05 19 00-1418 EA 24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,290.47	925.10
For Class 52 Rating, Deduct	-1,747.77	
For Class 54 Rating, Add	2,400.14	
For Class 55 Rating, Add	3,576.84	
For Class 56 Rating, Add	4,737.66	
40 05 19 00-1419 EA 24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,694.84	927.80
For Class 52 Rating, Deduct	-1,791.80	
For Class 54 Rating, Add	2,460.23	
For Class 55 Rating, Add	3,666.20	
For Class 56 Rating, Add	4,855.88	
40 05 19 00-1420 EA 24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,099.21	930.52
For Class 52 Rating, Deduct	-1,835.83	
For Class 54 Rating, Add	2,520.32	
For Class 55 Rating, Add	3,755.56	
For Class 56 Rating, Add	4,974.11	
40 05 19 00-1421 EA 24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,503.59	933.24
For Class 52 Rating, Deduct	-1,879.86	
For Class 54 Rating, Add	2,580.41	
For Class 55 Rating, Add	3,844.92	
For Class 56 Rating, Add	5,092.34	
40 05 19 00-1422 EA 24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,907.96	935.94
For Class 52 Rating, Deduct	-1,923.88	
For Class 54 Rating, Add	2,640.50	
For Class 55 Rating, Add	3,934.27	
For Class 56 Rating, Add	5,210.56	
40 05 19 00-1423 EA 24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,312.33	938.66
For Class 52 Rating, Deduct	-1,967.91	
For Class 54 Rating, Add	2,700.58	
For Class 55 Rating, Add	4,023.63	
For Class 56 Rating, Add	5,328.78	
<b>40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-1028)</small>		
40 05 19 00-1425 EA 30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,562.20	1,117.71
For Class 52 Rating, Deduct	-535.56	
For Class 54 Rating, Add	750.63	
For Class 55 Rating, Add	1,126.36	
For Class 56 Rating, Add	1,497.23	
40 05 19 00-1426 EA 30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,144.47	1,120.42
For Class 52 Rating, Deduct	-599.15	
For Class 54 Rating, Add	837.40	
For Class 55 Rating, Add	1,255.39	
For Class 56 Rating, Add	1,667.94	
40 05 19 00-1427 EA 30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,726.73	1,123.14
For Class 52 Rating, Deduct	-662.75	
For Class 54 Rating, Add	924.17	
For Class 55 Rating, Add	1,384.42	
For Class 56 Rating, Add	1,838.64	
40 05 19 00-1428 EA 30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,309.01	1,125.85
For Class 52 Rating, Deduct	-726.35	
For Class 54 Rating, Add	1,010.95	
For Class 55 Rating, Add	1,513.45	
For Class 56 Rating, Add	2,009.35	
40 05 19 00-1429 EA 30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,891.27	1,128.57
For Class 52 Rating, Deduct	-789.95	
For Class 54 Rating, Add	1,097.72	
For Class 55 Rating, Add	1,642.48	
For Class 56 Rating, Add	2,180.05	
40 05 19 00-1430 EA 30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,473.54	1,131.28
For Class 52 Rating, Deduct	-853.54	
For Class 54 Rating, Add	1,184.49	
For Class 55 Rating, Add	1,771.50	
For Class 56 Rating, Add	2,350.76	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1431	EA	30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,055.81	1,133.98
		<i>For Class 52 Rating, Deduct</i>		-917.14	
		<i>For Class 54 Rating, Add</i>		1,271.26	
		<i>For Class 55 Rating, Add</i>		1,900.53	
		<i>For Class 56 Rating, Add</i>		2,521.46	
40 05 19 00-1432	EA	30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,638.07	1,136.70
		<i>For Class 52 Rating, Deduct</i>		-980.74	
		<i>For Class 54 Rating, Add</i>		1,358.04	
		<i>For Class 55 Rating, Add</i>		2,029.56	
		<i>For Class 56 Rating, Add</i>		2,692.16	
40 05 19 00-1433	EA	30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,220.34	1,139.41
		<i>For Class 52 Rating, Deduct</i>		-1,044.34	
		<i>For Class 54 Rating, Add</i>		1,444.81	
		<i>For Class 55 Rating, Add</i>		2,158.59	
		<i>For Class 56 Rating, Add</i>		2,862.87	
40 05 19 00-1434	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,802.62	1,142.13
		<i>For Class 52 Rating, Deduct</i>		-1,107.93	
		<i>For Class 54 Rating, Add</i>		1,531.58	
		<i>For Class 55 Rating, Add</i>		2,287.61	
		<i>For Class 56 Rating, Add</i>		3,033.57	
40 05 19 00-1435	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,384.88	1,144.84
		<i>For Class 52 Rating, Deduct</i>		-1,171.53	
		<i>For Class 54 Rating, Add</i>		1,618.36	
		<i>For Class 55 Rating, Add</i>		2,416.64	
		<i>For Class 56 Rating, Add</i>		3,204.28	
40 05 19 00-1436	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,967.14	1,147.56
		<i>For Class 52 Rating, Deduct</i>		-1,235.13	
		<i>For Class 54 Rating, Add</i>		1,705.13	
		<i>For Class 55 Rating, Add</i>		2,545.67	
		<i>For Class 56 Rating, Add</i>		3,374.98	
40 05 19 00-1437	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,549.42	1,150.27
		<i>For Class 52 Rating, Deduct</i>		-1,298.72	
		<i>For Class 54 Rating, Add</i>		1,791.90	
		<i>For Class 55 Rating, Add</i>		2,674.70	
		<i>For Class 56 Rating, Add</i>		3,545.69	
40 05 19 00-1438	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,131.69	1,152.97
		<i>For Class 52 Rating, Deduct</i>		-1,362.32	
		<i>For Class 54 Rating, Add</i>		1,878.68	
		<i>For Class 55 Rating, Add</i>		2,803.73	
		<i>For Class 56 Rating, Add</i>		3,716.39	
40 05 19 00-1439	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,713.95	1,155.69
		<i>For Class 52 Rating, Deduct</i>		-1,425.92	
		<i>For Class 54 Rating, Add</i>		1,965.45	
		<i>For Class 55 Rating, Add</i>		2,932.75	
		<i>For Class 56 Rating, Add</i>		3,887.10	
40 05 19 00-1440	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,296.23	1,158.40
		<i>For Class 52 Rating, Deduct</i>		-1,489.52	
		<i>For Class 54 Rating, Add</i>		2,052.22	
		<i>For Class 55 Rating, Add</i>		3,061.78	
		<i>For Class 56 Rating, Add</i>		4,057.80	
40 05 19 00-1441	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,878.49	1,161.11
		<i>For Class 52 Rating, Deduct</i>		-1,553.11	
		<i>For Class 54 Rating, Add</i>		2,138.99	
		<i>For Class 55 Rating, Add</i>		3,190.81	
		<i>For Class 56 Rating, Add</i>		4,228.50	
40 05 19 00-1442	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		16,460.75	1,163.83
		<i>For Class 52 Rating, Deduct</i>		-1,616.71	
		<i>For Class 54 Rating, Add</i>		2,225.77	
		<i>For Class 55 Rating, Add</i>		3,319.84	
		<i>For Class 56 Rating, Add</i>		4,399.21	
40 05 19 00-1443	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		17,043.03	1,166.55
		<i>For Class 52 Rating, Deduct</i>		-1,680.31	
		<i>For Class 54 Rating, Add</i>		2,312.54	
		<i>For Class 55 Rating, Add</i>		3,448.87	
		<i>For Class 56 Rating, Add</i>		4,569.91	
40 05 19 00-1444	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		17,625.30	1,169.26
		<i>For Class 52 Rating, Deduct</i>		-1,743.91	
		<i>For Class 54 Rating, Add</i>		2,399.31	
		<i>For Class 55 Rating, Add</i>		3,577.89	
		<i>For Class 56 Rating, Add</i>		4,740.62	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1445 EA 30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,207.56	1,171.96
<i>For Class 52 Rating, Deduct</i>	-1,807.50	
<i>For Class 54 Rating, Add</i>	2,486.09	
<i>For Class 55 Rating, Add</i>	3,706.92	
<i>For Class 56 Rating, Add</i>	4,911.32	
40 05 19 00-1446 EA 30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,789.83	1,174.68
<i>For Class 52 Rating, Deduct</i>	-1,871.10	
<i>For Class 54 Rating, Add</i>	2,572.86	
<i>For Class 55 Rating, Add</i>	3,835.95	
<i>For Class 56 Rating, Add</i>	5,082.03	
40 05 19 00-1447 EA 30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,372.10	1,177.39
<i>For Class 52 Rating, Deduct</i>	-1,934.70	
<i>For Class 54 Rating, Add</i>	2,659.63	
<i>For Class 55 Rating, Add</i>	3,964.98	
<i>For Class 56 Rating, Add</i>	5,252.73	
40 05 19 00-1448 EA 30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,954.38	1,180.10
<i>For Class 52 Rating, Deduct</i>	-1,998.30	
<i>For Class 54 Rating, Add</i>	2,746.41	
<i>For Class 55 Rating, Add</i>	4,094.00	
<i>For Class 56 Rating, Add</i>	5,423.44	
40 05 19 00-1449 EA 30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,536.64	1,182.82
<i>For Class 52 Rating, Deduct</i>	-2,061.89	
<i>For Class 54 Rating, Add</i>	2,833.18	
<i>For Class 55 Rating, Add</i>	4,223.03	
<i>For Class 56 Rating, Add</i>	5,594.14	
40 05 19 00-1450 EA 30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,118.90	1,185.54
<i>For Class 52 Rating, Deduct</i>	-2,125.49	
<i>For Class 54 Rating, Add</i>	2,919.95	
<i>For Class 55 Rating, Add</i>	4,352.06	
<i>For Class 56 Rating, Add</i>	5,764.84	
40 05 19 00-1451 EA 30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,701.18	1,188.25
<i>For Class 52 Rating, Deduct</i>	-2,189.09	
<i>For Class 54 Rating, Add</i>	3,006.72	
<i>For Class 55 Rating, Add</i>	4,481.09	
<i>For Class 56 Rating, Add</i>	5,935.55	
40 05 19 00-1452 EA 30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,283.44	1,190.95
<i>For Class 52 Rating, Deduct</i>	-2,252.69	
<i>For Class 54 Rating, Add</i>	3,093.50	
<i>For Class 55 Rating, Add</i>	4,610.12	
<i>For Class 56 Rating, Add</i>	6,106.25	
40 05 19 00-1453 EA 30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,865.71	1,193.67
<i>For Class 52 Rating, Deduct</i>	-2,316.28	
<i>For Class 54 Rating, Add</i>	3,180.27	
<i>For Class 55 Rating, Add</i>	4,739.14	
<i>For Class 56 Rating, Add</i>	6,276.96	
40 05 19 00-1454 EA 30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,447.99	1,196.39
<i>For Class 52 Rating, Deduct</i>	-2,379.88	
<i>For Class 54 Rating, Add</i>	3,267.04	
<i>For Class 55 Rating, Add</i>	4,868.17	
<i>For Class 56 Rating, Add</i>	6,447.67	
40 05 19 00-1455 EA 30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,030.24	1,199.09
<i>For Class 52 Rating, Deduct</i>	-2,443.48	
<i>For Class 54 Rating, Add</i>	3,353.82	
<i>For Class 55 Rating, Add</i>	4,997.20	
<i>For Class 56 Rating, Add</i>	6,618.37	
40 05 19 00-1456 EA 30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,612.51	1,201.81
<i>For Class 52 Rating, Deduct</i>	-2,507.07	
<i>For Class 54 Rating, Add</i>	3,440.59	
<i>For Class 55 Rating, Add</i>	5,126.23	
<i>For Class 56 Rating, Add</i>	6,789.07	
40 05 19 00-1457 EA 30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,194.79	1,204.53
<i>For Class 52 Rating, Deduct</i>	-2,570.67	
<i>For Class 54 Rating, Add</i>	3,527.36	
<i>For Class 55 Rating, Add</i>	5,255.26	
<i>For Class 56 Rating, Add</i>	6,959.78	
40 05 19 00-1458 EA 30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,777.05	1,207.24
<i>For Class 52 Rating, Deduct</i>	-2,634.27	
<i>For Class 54 Rating, Add</i>	3,614.14	
<i>For Class 55 Rating, Add</i>	5,384.28	
<i>For Class 56 Rating, Add</i>	7,130.48	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1459	EA	30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		26,359.31	1,209.94
		<i>For Class 52 Rating, Deduct</i>		-2,697.87	
		<i>For Class 54 Rating, Add</i>		3,700.91	
		<i>For Class 55 Rating, Add</i>		5,513.31	
		<i>For Class 56 Rating, Add</i>		7,301.18	
40 05 19 00-1460	EA	30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		26,941.59	1,212.66
		<i>For Class 52 Rating, Deduct</i>		-2,761.46	
		<i>For Class 54 Rating, Add</i>		3,787.68	
		<i>For Class 55 Rating, Add</i>		5,642.34	
		<i>For Class 56 Rating, Add</i>		7,471.89	
40 05 19 00-1461	EA	30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		27,523.86	1,215.38
		<i>For Class 52 Rating, Deduct</i>		-2,825.06	
		<i>For Class 54 Rating, Add</i>		3,874.45	
		<i>For Class 55 Rating, Add</i>		5,771.37	
		<i>For Class 56 Rating, Add</i>		7,642.60	
40 05 19 00-1462	EA	30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		28,106.12	1,218.08
		<i>For Class 52 Rating, Deduct</i>		-2,888.66	
		<i>For Class 54 Rating, Add</i>		3,961.23	
		<i>For Class 55 Rating, Add</i>		5,900.39	
		<i>For Class 56 Rating, Add</i>		7,813.30	
40 05 19 00-1463		36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>			
40 05 19 00-1464	EA	36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,078.86	1,416.13
		<i>For Class 52 Rating, Deduct</i>		-762.65	
		<i>For Class 54 Rating, Add</i>		1,065.73	
		<i>For Class 55 Rating, Add</i>		1,597.60	
		<i>For Class 56 Rating, Add</i>		2,122.54	
40 05 19 00-1465	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		9,869.44	1,418.84
		<i>For Class 52 Rating, Deduct</i>		-849.17	
		<i>For Class 54 Rating, Add</i>		1,183.75	
		<i>For Class 55 Rating, Add</i>		1,773.08	
		<i>For Class 56 Rating, Add</i>		2,354.70	
40 05 19 00-1466	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		10,660.05	1,421.55
		<i>For Class 52 Rating, Deduct</i>		-935.68	
		<i>For Class 54 Rating, Add</i>		1,301.77	
		<i>For Class 55 Rating, Add</i>		1,948.57	
		<i>For Class 56 Rating, Add</i>		2,566.86	
40 05 19 00-1467	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		11,450.64	1,424.27
		<i>For Class 52 Rating, Deduct</i>		-1,022.19	
		<i>For Class 54 Rating, Add</i>		1,419.79	
		<i>For Class 55 Rating, Add</i>		2,124.05	
		<i>For Class 56 Rating, Add</i>		2,819.02	
40 05 19 00-1468	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		12,241.23	1,426.98
		<i>For Class 52 Rating, Deduct</i>		-1,108.71	
		<i>For Class 54 Rating, Add</i>		1,537.82	
		<i>For Class 55 Rating, Add</i>		2,299.54	
		<i>For Class 56 Rating, Add</i>		3,051.18	
40 05 19 00-1469	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,031.82	1,429.69
		<i>For Class 52 Rating, Deduct</i>		-1,195.22	
		<i>For Class 54 Rating, Add</i>		1,655.84	
		<i>For Class 55 Rating, Add</i>		2,475.02	
		<i>For Class 56 Rating, Add</i>		3,283.34	
40 05 19 00-1470	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		13,822.41	1,432.41
		<i>For Class 52 Rating, Deduct</i>		-1,281.73	
		<i>For Class 54 Rating, Add</i>		1,773.86	
		<i>For Class 55 Rating, Add</i>		2,650.51	
		<i>For Class 56 Rating, Add</i>		3,515.50	
40 05 19 00-1471	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		14,613.02	1,435.12
		<i>For Class 52 Rating, Deduct</i>		-1,368.24	
		<i>For Class 54 Rating, Add</i>		1,891.88	
		<i>For Class 55 Rating, Add</i>		2,825.99	
		<i>For Class 56 Rating, Add</i>		3,747.66	
40 05 19 00-1472	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		15,403.60	1,437.83
		<i>For Class 52 Rating, Deduct</i>		-1,454.76	
		<i>For Class 54 Rating, Add</i>		2,009.90	
		<i>For Class 55 Rating, Add</i>		3,001.48	
		<i>For Class 56 Rating, Add</i>		3,979.82	





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1473	EA			36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,194.19	1,440.54
				<i>For Class 52 Rating, Deduct</i>	-1,541.27	
				<i>For Class 54 Rating, Add</i>	2,127.92	
				<i>For Class 55 Rating, Add</i>	3,176.96	
				<i>For Class 56 Rating, Add</i>	4,211.98	
40 05 19 00-1474	EA			36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,984.79	1,443.25
				<i>For Class 52 Rating, Deduct</i>	-1,627.78	
				<i>For Class 54 Rating, Add</i>	2,245.95	
				<i>For Class 55 Rating, Add</i>	3,352.44	
				<i>For Class 56 Rating, Add</i>	4,444.14	
40 05 19 00-1475	EA			36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,775.37	1,445.97
				<i>For Class 52 Rating, Deduct</i>	-1,714.30	
				<i>For Class 54 Rating, Add</i>	2,363.97	
				<i>For Class 55 Rating, Add</i>	3,527.93	
				<i>For Class 56 Rating, Add</i>	4,676.30	
40 05 19 00-1476	EA			36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,565.97	1,448.68
				<i>For Class 52 Rating, Deduct</i>	-1,800.81	
				<i>For Class 54 Rating, Add</i>	2,481.99	
				<i>For Class 55 Rating, Add</i>	3,703.41	
				<i>For Class 56 Rating, Add</i>	4,908.46	
40 05 19 00-1477	EA			36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,356.57	1,451.40
				<i>For Class 52 Rating, Deduct</i>	-1,887.32	
				<i>For Class 54 Rating, Add</i>	2,600.01	
				<i>For Class 55 Rating, Add</i>	3,878.90	
				<i>For Class 56 Rating, Add</i>	5,140.62	
40 05 19 00-1478	EA			36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,147.16	1,454.11
				<i>For Class 52 Rating, Deduct</i>	-1,973.84	
				<i>For Class 54 Rating, Add</i>	2,718.03	
				<i>For Class 55 Rating, Add</i>	4,054.38	
				<i>For Class 56 Rating, Add</i>	5,372.78	
40 05 19 00-1479	EA			36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,937.74	1,456.82
				<i>For Class 52 Rating, Deduct</i>	-2,060.35	
				<i>For Class 54 Rating, Add</i>	2,836.05	
				<i>For Class 55 Rating, Add</i>	4,229.86	
				<i>For Class 56 Rating, Add</i>	5,604.94	
40 05 19 00-1480	EA			36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,728.34	1,459.53
				<i>For Class 52 Rating, Deduct</i>	-2,146.86	
				<i>For Class 54 Rating, Add</i>	2,954.08	
				<i>For Class 55 Rating, Add</i>	4,405.35	
				<i>For Class 56 Rating, Add</i>	5,837.10	
40 05 19 00-1481	EA			36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,518.94	1,462.24
				<i>For Class 52 Rating, Deduct</i>	-2,233.38	
				<i>For Class 54 Rating, Add</i>	3,072.10	
				<i>For Class 55 Rating, Add</i>	4,580.83	
				<i>For Class 56 Rating, Add</i>	6,069.27	
40 05 19 00-1482	EA			36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,309.52	1,464.96
				<i>For Class 52 Rating, Deduct</i>	-2,319.89	
				<i>For Class 54 Rating, Add</i>	3,190.12	
				<i>For Class 55 Rating, Add</i>	4,756.32	
				<i>For Class 56 Rating, Add</i>	6,301.42	
40 05 19 00-1483	EA			36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,100.12	1,467.68
				<i>For Class 52 Rating, Deduct</i>	-2,406.40	
				<i>For Class 54 Rating, Add</i>	3,308.14	
				<i>For Class 55 Rating, Add</i>	4,931.80	
				<i>For Class 56 Rating, Add</i>	6,533.58	
40 05 19 00-1484	EA			36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,890.71	1,470.39
				<i>For Class 52 Rating, Deduct</i>	-2,492.91	
				<i>For Class 54 Rating, Add</i>	3,426.16	
				<i>For Class 55 Rating, Add</i>	5,107.28	
				<i>For Class 56 Rating, Add</i>	6,765.74	
40 05 19 00-1485	EA			36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,681.29	1,473.10
				<i>For Class 52 Rating, Deduct</i>	-2,579.43	
				<i>For Class 54 Rating, Add</i>	3,544.18	
				<i>For Class 55 Rating, Add</i>	5,282.77	
				<i>For Class 56 Rating, Add</i>	6,997.90	
40 05 19 00-1486	EA			36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,471.89	1,475.81
				<i>For Class 52 Rating, Deduct</i>	-2,665.94	
				<i>For Class 54 Rating, Add</i>	3,662.20	
				<i>For Class 55 Rating, Add</i>	5,458.25	
				<i>For Class 56 Rating, Add</i>	7,230.06	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1487	EA		36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	27,262.49	1,478.52
			<i>For Class 52 Rating, Deduct</i> .....	-2,752.45	
			<i>For Class 54 Rating, Add</i> .....	3,780.23	
			<i>For Class 55 Rating, Add</i> .....	5,633.74	
			<i>For Class 56 Rating, Add</i> .....	7,462.23	
40 05 19 00-1488	EA		36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,053.07	1,481.23
			<i>For Class 52 Rating, Deduct</i> .....	-2,838.97	
			<i>For Class 54 Rating, Add</i> .....	3,898.25	
			<i>For Class 55 Rating, Add</i> .....	5,809.22	
			<i>For Class 56 Rating, Add</i> .....	7,694.38	
40 05 19 00-1489	EA		36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	28,843.67	1,483.95
			<i>For Class 52 Rating, Deduct</i> .....	-2,925.48	
			<i>For Class 54 Rating, Add</i> .....	4,016.27	
			<i>For Class 55 Rating, Add</i> .....	5,984.70	
			<i>For Class 56 Rating, Add</i> .....	7,926.54	
40 05 19 00-1490	EA		36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	29,634.26	1,486.67
			<i>For Class 52 Rating, Deduct</i> .....	-3,011.99	
			<i>For Class 54 Rating, Add</i> .....	4,134.29	
			<i>For Class 55 Rating, Add</i> .....	6,160.19	
			<i>For Class 56 Rating, Add</i> .....	8,158.70	
40 05 19 00-1491	EA		36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	30,424.86	1,489.38
			<i>For Class 52 Rating, Deduct</i> .....	-3,098.50	
			<i>For Class 54 Rating, Add</i> .....	4,252.31	
			<i>For Class 55 Rating, Add</i> .....	6,335.67	
			<i>For Class 56 Rating, Add</i> .....	8,390.86	
40 05 19 00-1492	EA		36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	31,215.45	1,492.09
			<i>For Class 52 Rating, Deduct</i> .....	-3,185.02	
			<i>For Class 54 Rating, Add</i> .....	4,370.34	
			<i>For Class 55 Rating, Add</i> .....	6,511.16	
			<i>For Class 56 Rating, Add</i> .....	8,623.03	
40 05 19 00-1493	EA		36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	32,006.04	1,494.80
			<i>For Class 52 Rating, Deduct</i> .....	-3,271.53	
			<i>For Class 54 Rating, Add</i> .....	4,488.36	
			<i>For Class 55 Rating, Add</i> .....	6,686.64	
			<i>For Class 56 Rating, Add</i> .....	8,855.19	
40 05 19 00-1494	EA		36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	32,796.64	1,497.51
			<i>For Class 52 Rating, Deduct</i> .....	-3,358.04	
			<i>For Class 54 Rating, Add</i> .....	4,606.38	
			<i>For Class 55 Rating, Add</i> .....	6,862.13	
			<i>For Class 56 Rating, Add</i> .....	9,087.35	
40 05 19 00-1495	EA		36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	33,587.22	1,500.22
			<i>For Class 52 Rating, Deduct</i> .....	-3,444.56	
			<i>For Class 54 Rating, Add</i> .....	4,724.40	
			<i>For Class 55 Rating, Add</i> .....	7,037.61	
			<i>For Class 56 Rating, Add</i> .....	9,319.50	
40 05 19 00-1496	EA		36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	34,377.81	1,502.94
			<i>For Class 52 Rating, Deduct</i> .....	-3,531.07	
			<i>For Class 54 Rating, Add</i> .....	4,842.42	
			<i>For Class 55 Rating, Add</i> .....	7,213.09	
			<i>For Class 56 Rating, Add</i> .....	9,551.66	
40 05 19 00-1497	EA		36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	35,168.42	1,505.66
			<i>For Class 52 Rating, Deduct</i> .....	-3,617.58	
			<i>For Class 54 Rating, Add</i> .....	4,960.44	
			<i>For Class 55 Rating, Add</i> .....	7,388.58	
			<i>For Class 56 Rating, Add</i> .....	9,783.83	
40 05 19 00-1498	EA		36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	35,959.00	1,508.37
			<i>For Class 52 Rating, Deduct</i> .....	-3,704.10	
			<i>For Class 54 Rating, Add</i> .....	5,078.46	
			<i>For Class 55 Rating, Add</i> .....	7,564.06	
			<i>For Class 56 Rating, Add</i> .....	10,015.99	
40 05 19 00-1499	EA		36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	36,749.59	1,511.08
			<i>For Class 52 Rating, Deduct</i> .....	-3,790.61	
			<i>For Class 54 Rating, Add</i> .....	5,196.49	
			<i>For Class 55 Rating, Add</i> .....	7,739.55	
			<i>For Class 56 Rating, Add</i> .....	10,248.15	
40 05 19 00-1500	EA		36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	37,540.19	1,513.79
			<i>For Class 52 Rating, Deduct</i> .....	-3,877.12	
			<i>For Class 54 Rating, Add</i> .....	5,314.51	
			<i>For Class 55 Rating, Add</i> .....	7,915.03	
			<i>For Class 56 Rating, Add</i> .....	10,480.31	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1501 EA 36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	38,330.77	1,516.50
<i>For Class 52 Rating, Deduct</i>	-3,963.63	
<i>For Class 54 Rating, Add</i>	5,432.53	
<i>For Class 55 Rating, Add</i>	8,090.51	
<i>For Class 56 Rating, Add</i>	10,712.47	
<b>40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small></b>		
40 05 19 00-1503 EA 42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	11,999.67	1,785.08
<i>For Class 52 Rating, Deduct</i>	-1,022.45	
<i>For Class 54 Rating, Add</i>	1,426.71	
<i>For Class 55 Rating, Add</i>	2,137.70	
<i>For Class 56 Rating, Add</i>	2,839.39	
40 05 19 00-1504 EA 42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	13,178.82	1,787.79
<i>For Class 52 Rating, Deduct</i>	-1,151.70	
<i>For Class 54 Rating, Add</i>	1,603.01	
<i>For Class 55 Rating, Add</i>	2,399.83	
<i>For Class 56 Rating, Add</i>	3,186.18	
40 05 19 00-1505 EA 42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	14,343.92	1,790.51
<i>For Class 52 Rating, Deduct</i>	-1,279.41	
<i>For Class 54 Rating, Add</i>	1,777.21	
<i>For Class 55 Rating, Add</i>	2,658.83	
<i>For Class 56 Rating, Add</i>	3,528.82	
40 05 19 00-1506 EA 42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	15,520.74	1,793.22
<i>For Class 52 Rating, Deduct</i>	-1,408.41	
<i>For Class 54 Rating, Add</i>	1,953.17	
<i>For Class 55 Rating, Add</i>	2,920.44	
<i>For Class 56 Rating, Add</i>	3,874.92	
40 05 19 00-1507 EA 42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	16,685.85	1,795.94
<i>For Class 52 Rating, Deduct</i>	-1,536.12	
<i>For Class 54 Rating, Add</i>	2,127.36	
<i>For Class 55 Rating, Add</i>	3,179.44	
<i>For Class 56 Rating, Add</i>	4,217.56	
40 05 19 00-1508 EA 42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	17,865.00	1,798.64
<i>For Class 52 Rating, Deduct</i>	-1,665.38	
<i>For Class 54 Rating, Add</i>	2,303.67	
<i>For Class 55 Rating, Add</i>	3,441.58	
<i>For Class 56 Rating, Add</i>	4,564.34	
40 05 19 00-1509 EA 42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	19,027.76	1,801.35
<i>For Class 52 Rating, Deduct</i>	-1,792.83	
<i>For Class 54 Rating, Add</i>	2,477.52	
<i>For Class 55 Rating, Add</i>	3,700.05	
<i>For Class 56 Rating, Add</i>	4,906.29	
40 05 19 00-1510 EA 42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	20,206.91	1,804.07
<i>For Class 52 Rating, Deduct</i>	-1,922.08	
<i>For Class 54 Rating, Add</i>	2,653.82	
<i>For Class 55 Rating, Add</i>	3,962.19	
<i>For Class 56 Rating, Add</i>	5,253.08	
40 05 19 00-1511 EA 42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	21,372.03	1,806.79
<i>For Class 52 Rating, Deduct</i>	-2,049.79	
<i>For Class 54 Rating, Add</i>	2,828.02	
<i>For Class 55 Rating, Add</i>	4,221.19	
<i>For Class 56 Rating, Add</i>	5,595.72	
40 05 19 00-1512 EA 42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	22,548.83	1,809.50
<i>For Class 52 Rating, Deduct</i>	-2,178.79	
<i>For Class 54 Rating, Add</i>	3,003.98	
<i>For Class 55 Rating, Add</i>	4,482.80	
<i>For Class 56 Rating, Add</i>	5,941.81	
40 05 19 00-1513 EA 42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	23,713.94	1,812.21
<i>For Class 52 Rating, Deduct</i>	-2,306.50	
<i>For Class 54 Rating, Add</i>	3,178.17	
<i>For Class 55 Rating, Add</i>	4,741.80	
<i>For Class 56 Rating, Add</i>	6,284.46	
40 05 19 00-1514 EA 42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe.....	24,890.76	1,814.93
<i>For Class 52 Rating, Deduct</i>	-2,435.50	
<i>For Class 54 Rating, Add</i>	3,354.13	
<i>For Class 55 Rating, Add</i>	5,003.41	
<i>For Class 56 Rating, Add</i>	6,630.55	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1515	EA	42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		26,055.86	1,817.63
		<i>For Class 52 Rating, Deduct</i>		-2,563.21	
		<i>For Class 54 Rating, Add</i>		3,528.33	
		<i>For Class 55 Rating, Add</i>		5,262.41	
		<i>For Class 56 Rating, Add</i>		6,973.20	
40 05 19 00-1516	EA	42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		27,223.31	1,820.34
		<i>For Class 52 Rating, Deduct</i>		-2,691.17	
		<i>For Class 54 Rating, Add</i>		3,702.88	
		<i>For Class 55 Rating, Add</i>		5,521.94	
		<i>For Class 56 Rating, Add</i>		7,316.53	
40 05 19 00-1517	EA	42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		28,397.79	1,823.06
		<i>For Class 52 Rating, Deduct</i>		-2,819.91	
		<i>For Class 54 Rating, Add</i>		3,878.48	
		<i>For Class 55 Rating, Add</i>		5,783.03	
		<i>For Class 56 Rating, Add</i>		7,661.93	
40 05 19 00-1518	EA	42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		29,562.88	1,825.78
		<i>For Class 52 Rating, Deduct</i>		-2,947.62	
		<i>For Class 54 Rating, Add</i>		4,052.68	
		<i>For Class 55 Rating, Add</i>		6,042.02	
		<i>For Class 56 Rating, Add</i>		8,004.57	
40 05 19 00-1519	EA	42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		30,742.03	1,828.48
		<i>For Class 52 Rating, Deduct</i>		-3,076.88	
		<i>For Class 54 Rating, Add</i>		4,228.99	
		<i>For Class 55 Rating, Add</i>		6,304.16	
		<i>For Class 56 Rating, Add</i>		8,351.36	
40 05 19 00-1520	EA	42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		31,907.15	1,831.20
		<i>For Class 52 Rating, Deduct</i>		-3,204.59	
		<i>For Class 54 Rating, Add</i>		4,403.18	
		<i>For Class 55 Rating, Add</i>		6,563.16	
		<i>For Class 56 Rating, Add</i>		8,694.00	
40 05 19 00-1521	EA	42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		33,083.96	1,833.92
		<i>For Class 52 Rating, Deduct</i>		-3,333.58	
		<i>For Class 54 Rating, Add</i>		4,579.14	
		<i>For Class 55 Rating, Add</i>		6,824.77	
		<i>For Class 56 Rating, Add</i>		9,040.10	
40 05 19 00-1522	EA	42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		34,249.06	1,836.62
		<i>For Class 52 Rating, Deduct</i>		-3,461.29	
		<i>For Class 54 Rating, Add</i>		4,753.34	
		<i>For Class 55 Rating, Add</i>		7,083.77	
		<i>For Class 56 Rating, Add</i>		9,382.74	
40 05 19 00-1523	EA	42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		35,428.22	1,839.33
		<i>For Class 52 Rating, Deduct</i>		-3,590.55	
		<i>For Class 54 Rating, Add</i>		4,929.64	
		<i>For Class 55 Rating, Add</i>		7,345.90	
		<i>For Class 56 Rating, Add</i>		9,729.52	
40 05 19 00-1524	EA	42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		36,593.33	1,842.05
		<i>For Class 52 Rating, Deduct</i>		-3,718.26	
		<i>For Class 54 Rating, Add</i>		5,103.84	
		<i>For Class 55 Rating, Add</i>		7,604.91	
		<i>For Class 56 Rating, Add</i>		10,072.17	
40 05 19 00-1525	EA	42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		37,770.13	1,844.77
		<i>For Class 52 Rating, Deduct</i>		-3,847.25	
		<i>For Class 54 Rating, Add</i>		5,279.80	
		<i>For Class 55 Rating, Add</i>		7,866.52	
		<i>For Class 56 Rating, Add</i>		10,418.26	
40 05 19 00-1526	EA	42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		38,935.25	1,847.47
		<i>For Class 52 Rating, Deduct</i>		-3,974.96	
		<i>For Class 54 Rating, Add</i>		5,454.00	
		<i>For Class 55 Rating, Add</i>		8,125.52	
		<i>For Class 56 Rating, Add</i>		10,760.90	
40 05 19 00-1527	EA	42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		40,114.40	1,850.19
		<i>For Class 52 Rating, Deduct</i>		-4,104.22	
		<i>For Class 54 Rating, Add</i>		5,630.30	
		<i>For Class 55 Rating, Add</i>		8,387.65	
		<i>For Class 56 Rating, Add</i>		11,107.69	
40 05 19 00-1528	EA	42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		41,279.50	1,852.91
		<i>For Class 52 Rating, Deduct</i>		-4,231.93	
		<i>For Class 54 Rating, Add</i>		5,804.50	
		<i>For Class 55 Rating, Add</i>		8,646.65	
		<i>For Class 56 Rating, Add</i>		11,450.33	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Ductile Iron Process Pipe	40 05 19

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1529 EA 42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,453.97	1,855.61
For Class 52 Rating, Deduct	-4,360.67	
For Class 54 Rating, Add	5,980.10	
For Class 55 Rating, Add	8,907.74	
For Class 56 Rating, Add	11,795.73	
40 05 19 00-1530 EA 42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,621.42	1,858.32
For Class 52 Rating, Deduct	-4,488.63	
For Class 54 Rating, Add	6,154.65	
For Class 55 Rating, Add	9,167.26	
For Class 56 Rating, Add	12,139.07	
40 05 19 00-1531 EA 42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,552.46	1,861.04
For Class 52 Rating, Deduct	-4,590.60	
For Class 54 Rating, Add	6,293.74	
For Class 55 Rating, Add	9,374.07	
For Class 56 Rating, Add	12,412.66	
40 05 19 00-1532 EA 42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,963.34	1,863.76
For Class 52 Rating, Deduct	-4,745.34	
For Class 54 Rating, Add	6,504.81	
For Class 55 Rating, Add	9,687.87	
For Class 56 Rating, Add	12,827.80	
40 05 19 00-1533 EA 42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,128.45	1,866.46
For Class 52 Rating, Deduct	-4,873.05	
For Class 54 Rating, Add	6,679.01	
For Class 55 Rating, Add	9,946.88	
For Class 56 Rating, Add	13,170.45	
40 05 19 00-1534 EA 42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,305.27	1,869.18
For Class 52 Rating, Deduct	-5,002.05	
For Class 54 Rating, Add	6,854.96	
For Class 55 Rating, Add	10,208.49	
For Class 56 Rating, Add	13,516.54	
40 05 19 00-1535 EA 42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,470.36	1,871.90
For Class 52 Rating, Deduct	-5,129.76	
For Class 54 Rating, Add	7,029.16	
For Class 55 Rating, Add	10,467.49	
For Class 56 Rating, Add	13,859.18	
40 05 19 00-1536 EA 42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,649.52	1,874.62
For Class 52 Rating, Deduct	-5,259.01	
For Class 54 Rating, Add	7,205.47	
For Class 55 Rating, Add	10,729.62	
For Class 56 Rating, Add	14,205.97	
40 05 19 00-1537 EA 42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,812.29	1,877.31
For Class 52 Rating, Deduct	-5,386.46	
For Class 54 Rating, Add	7,379.31	
For Class 55 Rating, Add	10,988.10	
For Class 56 Rating, Add	14,547.92	
40 05 19 00-1538 EA 42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,991.43	1,880.03
For Class 52 Rating, Deduct	-5,515.72	
For Class 54 Rating, Add	7,555.62	
For Class 55 Rating, Add	11,250.23	
For Class 56 Rating, Add	14,894.70	
40 05 19 00-1539 EA 42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,156.54	1,882.75
For Class 52 Rating, Deduct	-5,643.43	
For Class 54 Rating, Add	7,729.82	
For Class 55 Rating, Add	11,509.23	
For Class 56 Rating, Add	15,237.35	
40 05 19 00-1540 EA 42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,333.36	1,885.45
For Class 52 Rating, Deduct	-5,772.43	
For Class 54 Rating, Add	7,905.77	
For Class 55 Rating, Add	11,770.84	
For Class 56 Rating, Add	15,583.44	
<b>40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe</b>		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1542 EA 48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,486.81	2,243.55
For Class 52 Rating, Deduct	-1,329.62	
For Class 54 Rating, Add	1,853.91	
For Class 55 Rating, Add	2,777.09	
For Class 56 Rating, Add	3,688.18	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1543	EA	48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		17,201.98	2,246.27
		<i>For Class 52 Rating, Deduct</i>		-1,517.84	
		<i>For Class 54 Rating, Add</i>		2,110.62	
		<i>For Class 55 Rating, Add</i>		3,158.76	
		<i>For Class 56 Rating, Add</i>		4,193.09	
40 05 19 00-1544	EA	48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		18,914.83	2,248.99
		<i>For Class 52 Rating, Deduct</i>		-1,705.80	
		<i>For Class 54 Rating, Add</i>		2,366.98	
		<i>For Class 55 Rating, Add</i>		3,539.90	
		<i>For Class 56 Rating, Add</i>		4,697.32	
40 05 19 00-1545	EA	48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		20,641.70	2,251.71
		<i>For Class 52 Rating, Deduct</i>		-1,895.30	
		<i>For Class 54 Rating, Add</i>		2,625.45	
		<i>For Class 55 Rating, Add</i>		3,924.18	
		<i>For Class 56 Rating, Add</i>		5,205.68	
40 05 19 00-1546	EA	48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		22,356.88	2,254.41
		<i>For Class 52 Rating, Deduct</i>		-2,083.52	
		<i>For Class 54 Rating, Add</i>		2,882.16	
		<i>For Class 55 Rating, Add</i>		4,305.85	
		<i>For Class 56 Rating, Add</i>		5,710.60	
40 05 19 00-1547	EA	48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		24,072.06	2,257.12
		<i>For Class 52 Rating, Deduct</i>		-2,271.74	
		<i>For Class 54 Rating, Add</i>		3,138.86	
		<i>For Class 55 Rating, Add</i>		4,687.51	
		<i>For Class 56 Rating, Add</i>		6,215.51	
40 05 19 00-1548	EA	48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		25,796.59	2,259.84
		<i>For Class 52 Rating, Deduct</i>		-2,460.99	
		<i>For Class 54 Rating, Add</i>		3,396.98	
		<i>For Class 55 Rating, Add</i>		5,071.27	
		<i>For Class 56 Rating, Add</i>		6,723.18	
40 05 19 00-1549	EA	48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		27,514.11	2,262.54
		<i>For Class 52 Rating, Deduct</i>		-2,649.46	
		<i>For Class 54 Rating, Add</i>		3,654.04	
		<i>For Class 55 Rating, Add</i>		5,453.45	
		<i>For Class 56 Rating, Add</i>		7,228.78	
40 05 19 00-1550	EA	48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		29,226.95	2,265.26
		<i>For Class 52 Rating, Deduct</i>		-2,837.42	
		<i>For Class 54 Rating, Add</i>		3,910.40	
		<i>For Class 55 Rating, Add</i>		5,834.60	
		<i>For Class 56 Rating, Add</i>		7,733.01	
40 05 19 00-1551	EA	48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		30,953.82	2,267.98
		<i>For Class 52 Rating, Deduct</i>		-3,026.93	
		<i>For Class 54 Rating, Add</i>		4,168.86	
		<i>For Class 55 Rating, Add</i>		6,218.87	
		<i>For Class 56 Rating, Add</i>		8,241.37	
40 05 19 00-1552	EA	48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		32,669.01	2,270.70
		<i>For Class 52 Rating, Deduct</i>		-3,215.14	
		<i>For Class 54 Rating, Add</i>		4,425.57	
		<i>For Class 55 Rating, Add</i>		6,600.54	
		<i>For Class 56 Rating, Add</i>		8,746.28	
40 05 19 00-1553	EA	48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		34,395.89	2,273.39
		<i>For Class 52 Rating, Deduct</i>		-3,404.65	
		<i>For Class 54 Rating, Add</i>		4,684.04	
		<i>For Class 55 Rating, Add</i>		6,984.82	
		<i>For Class 56 Rating, Add</i>		9,254.65	
40 05 19 00-1554	EA	48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		36,108.73	2,276.11
		<i>For Class 52 Rating, Deduct</i>		-3,592.61	
		<i>For Class 54 Rating, Add</i>		4,940.39	
		<i>For Class 55 Rating, Add</i>		7,365.96	
		<i>For Class 56 Rating, Add</i>		9,758.87	
40 05 19 00-1555	EA	48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		37,823.90	2,278.83
		<i>For Class 52 Rating, Deduct</i>		-3,780.82	
		<i>For Class 54 Rating, Add</i>		5,197.10	
		<i>For Class 55 Rating, Add</i>		7,747.63	
		<i>For Class 56 Rating, Add</i>		10,263.78	
40 05 19 00-1556	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		39,550.78	2,281.54
		<i>For Class 52 Rating, Deduct</i>		-3,970.33	
		<i>For Class 54 Rating, Add</i>		5,455.57	
		<i>For Class 55 Rating, Add</i>		8,131.90	
		<i>For Class 56 Rating, Add</i>		10,772.15	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Ductile Iron Process Pipe	40 05 19

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1557 EA 48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,265.96	2,284.25
<i>For Class 52 Rating, Deduct</i>	-4,158.55	
<i>For Class 54 Rating, Add</i>	5,712.28	
<i>For Class 55 Rating, Add</i>	8,513.57	
<i>For Class 56 Rating, Add</i>	11,277.06	
40 05 19 00-1558 EA 48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,978.79	2,286.97
<i>For Class 52 Rating, Deduct</i>	-4,346.51	
<i>For Class 54 Rating, Add</i>	5,968.63	
<i>For Class 55 Rating, Add</i>	8,894.72	
<i>For Class 56 Rating, Add</i>	11,781.28	
40 05 19 00-1559 EA 48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,705.67	2,289.68
<i>For Class 52 Rating, Deduct</i>	-4,536.01	
<i>For Class 54 Rating, Add</i>	6,227.10	
<i>For Class 55 Rating, Add</i>	9,278.99	
<i>For Class 56 Rating, Add</i>	12,289.65	
40 05 19 00-1560 EA 48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,420.85	2,292.38
<i>For Class 52 Rating, Deduct</i>	-4,724.23	
<i>For Class 54 Rating, Add</i>	6,483.81	
<i>For Class 55 Rating, Add</i>	9,660.66	
<i>For Class 56 Rating, Add</i>	12,794.56	
40 05 19 00-1561 EA 48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,133.69	2,295.10
<i>For Class 52 Rating, Deduct</i>	-4,912.19	
<i>For Class 54 Rating, Add</i>	6,740.17	
<i>For Class 55 Rating, Add</i>	10,041.80	
<i>For Class 56 Rating, Add</i>	13,298.78	
40 05 19 00-1562 EA 48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,860.57	2,297.82
<i>For Class 52 Rating, Deduct</i>	-5,101.69	
<i>For Class 54 Rating, Add</i>	6,998.63	
<i>For Class 55 Rating, Add</i>	10,426.08	
<i>For Class 56 Rating, Add</i>	13,807.15	
40 05 19 00-1563 EA 48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,578.08	2,300.53
<i>For Class 52 Rating, Deduct</i>	-5,290.17	
<i>For Class 54 Rating, Add</i>	7,255.69	
<i>For Class 55 Rating, Add</i>	10,808.27	
<i>For Class 56 Rating, Add</i>	14,312.75	
40 05 19 00-1564 EA 48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,290.92	2,303.24
<i>For Class 52 Rating, Deduct</i>	-5,478.13	
<i>For Class 54 Rating, Add</i>	7,512.05	
<i>For Class 55 Rating, Add</i>	11,189.41	
<i>For Class 56 Rating, Add</i>	14,816.97	
40 05 19 00-1565 EA 48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,017.80	2,305.96
<i>For Class 52 Rating, Deduct</i>	-5,667.63	
<i>For Class 54 Rating, Add</i>	7,770.52	
<i>For Class 55 Rating, Add</i>	11,573.69	
<i>For Class 56 Rating, Add</i>	15,325.34	
40 05 19 00-1566 EA 48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,732.98	2,308.67
<i>For Class 52 Rating, Deduct</i>	-5,855.85	
<i>For Class 54 Rating, Add</i>	8,027.23	
<i>For Class 55 Rating, Add</i>	11,955.36	
<i>For Class 56 Rating, Add</i>	15,830.25	
40 05 19 00-1567 EA 48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,445.82	2,311.37
<i>For Class 52 Rating, Deduct</i>	-6,043.81	
<i>For Class 54 Rating, Add</i>	8,283.58	
<i>For Class 55 Rating, Add</i>	12,336.50	
<i>For Class 56 Rating, Add</i>	16,334.47	
40 05 19 00-1568 EA 48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,172.69	2,314.09
<i>For Class 52 Rating, Deduct</i>	-6,233.31	
<i>For Class 54 Rating, Add</i>	8,542.05	
<i>For Class 55 Rating, Add</i>	12,720.78	
<i>For Class 56 Rating, Add</i>	16,842.84	
40 05 19 00-1569 EA 48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,887.87	2,316.81
<i>For Class 52 Rating, Deduct</i>	-6,421.53	
<i>For Class 54 Rating, Add</i>	8,798.76	
<i>For Class 55 Rating, Add</i>	13,102.44	
<i>For Class 56 Rating, Add</i>	17,347.75	
40 05 19 00-1570 EA 48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,392.39	2,319.52
<i>For Class 52 Rating, Deduct</i>	-6,586.58	
<i>For Class 54 Rating, Add</i>	9,023.87	
<i>For Class 55 Rating, Add</i>	13,437.13	
<i>For Class 56 Rating, Add</i>	17,790.52	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1571	EA		48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	65,329.92	2,322.23
			<i>For Class 52 Rating, Deduct</i> .....	-6,799.25	
			<i>For Class 54 Rating, Add</i> .....	9,313.93	
			<i>For Class 55 Rating, Add</i> .....	13,868.38	
			<i>For Class 56 Rating, Add</i> .....	18,361.03	
40 05 19 00-1572	EA		48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	67,042.77	2,324.95
			<i>For Class 52 Rating, Deduct</i> .....	-6,987.21	
			<i>For Class 54 Rating, Add</i> .....	9,570.29	
			<i>For Class 55 Rating, Add</i> .....	14,249.53	
			<i>For Class 56 Rating, Add</i> .....	18,865.25	
40 05 19 00-1573	EA		48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	68,771.99	2,327.66
			<i>For Class 52 Rating, Deduct</i> .....	-7,176.98	
			<i>For Class 54 Rating, Add</i> .....	9,829.11	
			<i>For Class 55 Rating, Add</i> .....	14,634.33	
			<i>For Class 56 Rating, Add</i> .....	19,374.31	
40 05 19 00-1574	EA		48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	70,484.81	2,330.36
			<i>For Class 52 Rating, Deduct</i> .....	-7,364.93	
			<i>For Class 54 Rating, Add</i> .....	10,085.46	
			<i>For Class 55 Rating, Add</i> .....	15,015.47	
			<i>For Class 56 Rating, Add</i> .....	19,878.53	
40 05 19 00-1575	EA		48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	72,197.66	2,333.08
			<i>For Class 52 Rating, Deduct</i> .....	-7,552.89	
			<i>For Class 54 Rating, Add</i> .....	10,341.82	
			<i>For Class 55 Rating, Add</i> .....	15,396.62	
			<i>For Class 56 Rating, Add</i> .....	20,382.75	
40 05 19 00-1576	EA		48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	73,926.88	2,335.80
			<i>For Class 52 Rating, Deduct</i> .....	-7,742.66	
			<i>For Class 54 Rating, Add</i> .....	10,600.64	
			<i>For Class 55 Rating, Add</i> .....	15,781.42	
			<i>For Class 56 Rating, Add</i> .....	20,891.81	
40 05 19 00-1577	EA		48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	75,639.71	2,338.51
			<i>For Class 52 Rating, Deduct</i> .....	-7,930.62	
			<i>For Class 54 Rating, Add</i> .....	10,857.00	
			<i>For Class 55 Rating, Add</i> .....	16,162.56	
			<i>For Class 56 Rating, Add</i> .....	21,396.03	
40 05 19 00-1578	EA		48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	77,354.89	2,341.22
			<i>For Class 52 Rating, Deduct</i> .....	-8,118.83	
			<i>For Class 54 Rating, Add</i> .....	11,113.70	
			<i>For Class 55 Rating, Add</i> .....	16,544.23	
			<i>For Class 56 Rating, Add</i> .....	21,900.94	
40 05 19 00-1579	EA		48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe .....	79,081.77	2,343.94
			<i>For Class 52 Rating, Deduct</i> .....	-8,308.34	
			<i>For Class 54 Rating, Add</i> .....	11,372.17	
			<i>For Class 55 Rating, Add</i> .....	16,928.50	
			<i>For Class 56 Rating, Add</i> .....	22,409.30	

**40 05 19 00-1580 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree****Elbows (40 05 19 00-0001)**

40 05 19 00-1581	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	403.17	130.89
40 05 19 00-1582	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	570.62	167.37
40 05 19 00-1583	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	809.13	189.59
40 05 19 00-1584	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	1,192.60	240.35
40 05 19 00-1585	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	1,483.48	266.53
40 05 19 00-1586	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	1,859.28	289.53
40 05 19 00-1587	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	2,290.41	356.96
40 05 19 00-1588	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	3,014.67	428.35
40 05 19 00-1589	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	3,710.80	539.40
40 05 19 00-1590	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	5,695.65	610.80
40 05 19 00-1591	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	9,631.34	809.11
40 05 19 00-1592	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	13,708.45	916.19
40 05 19 00-1593	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	23,076.30	1,047.08
40 05 19 00-1594	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow .....	30,752.17	1,285.05

**40 05 19 00-1595 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree****Elbows (40 05 19 00-0001)**

40 05 19 00-1596	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	380.74	130.89
40 05 19 00-1597	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	534.73	167.37
40 05 19 00-1598	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	717.91	189.59
40 05 19 00-1599	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	1,061.01	240.35
40 05 19 00-1600	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	1,316.00	266.53
40 05 19 00-1601	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	1,518.34	289.53
40 05 19 00-1602	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	1,913.58	356.96
40 05 19 00-1603	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	2,507.74	428.35



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1604 EA 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	3,248.74	539.40
40 05 19 00-1605 EA 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	4,301.97	610.80
40 05 19 00-1606 EA 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	8,611.50	809.11
40 05 19 00-1607 EA 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	12,963.76	916.19
40 05 19 00-1608 EA 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	19,874.73	1,047.08
40 05 19 00-1609 EA 48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow .....	27,130.41	1,285.05
<b>40 05 19 00-1610 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows</b> <small>(40 05 19 00-0001)</small>		
40 05 19 00-1611 EA 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	379.25	130.89
40 05 19 00-1612 EA 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	522.76	167.37
40 05 19 00-1613 EA 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	707.45	189.59
40 05 19 00-1614 EA 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,031.10	240.35
40 05 19 00-1615 EA 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,381.80	266.53
40 05 19 00-1616 EA 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,726.19	289.53
40 05 19 00-1617 EA 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,959.94	356.96
40 05 19 00-1618 EA 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	2,564.57	428.35
40 05 19 00-1619 EA 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	3,495.47	539.40
40 05 19 00-1620 EA 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	4,864.23	610.80
40 05 19 00-1621 EA 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	8,711.69	809.11
40 05 19 00-1622 EA 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	13,194.05	916.19
40 05 19 00-1623 EA 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	20,333.81	1,047.08
40 05 19 00-1624 EA 48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	27,728.55	1,285.05
<b>40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows</b> <small>(40 05 19 00-0001)</small>		
40 05 19 00-1626 EA 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	416.63	130.89
40 05 19 00-1627 EA 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	593.05	167.37
40 05 19 00-1628 EA 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	737.35	189.59
40 05 19 00-1629 EA 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	1,137.27	240.35
40 05 19 00-1630 EA 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	1,577.69	266.53
40 05 19 00-1631 EA 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	1,777.04	289.53
40 05 19 00-1632 EA 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	2,172.28	356.96
40 05 19 00-1633 EA 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	2,564.57	428.35
40 05 19 00-1634 EA 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	3,495.47	539.40
40 05 19 00-1635 EA 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	5,066.10	610.80
40 05 19 00-1636 EA 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	8,811.88	809.11
40 05 19 00-1637 EA 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	13,292.74	916.19
40 05 19 00-1638 EA 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	20,438.48	1,047.08
40 05 19 00-1639 EA 48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	27,939.40	1,285.05
<b>40 05 19 00-1640 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows</b> <small>(40 05 19 00-0001)</small>		
40 05 19 00-1641 EA 6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	541.47	149.13
40 05 19 00-1642 EA 8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	673.45	160.23
40 05 19 00-1643 EA 8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	759.40	178.48
40 05 19 00-1644 EA 10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,025.93	185.62
40 05 19 00-1645 EA 10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,081.98	203.86
40 05 19 00-1646 EA 10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,184.05	214.97
40 05 19 00-1647 EA 12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,103.19	199.10
40 05 19 00-1648 EA 12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,244.47	217.35
40 05 19 00-1649 EA 12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,434.76	228.46
40 05 19 00-1650 EA 12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,527.07	253.84
40 05 19 00-1651 EA 14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,434.76	228.46
40 05 19 00-1652 EA 14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,592.15	239.56
40 05 19 00-1653 EA 14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,774.17	264.94
40 05 19 00-1654 EA 14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,966.57	278.42
40 05 19 00-1655 EA 16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,654.82	262.16
40 05 19 00-1656 EA 16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,786.79	273.27
40 05 19 00-1657 EA 16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,054.04	298.66
40 05 19 00-1658 EA 16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,244.34	311.74
40 05 19 00-1659 EA 16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,405.33	323.25
40 05 19 00-1660 EA 18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,937.70	297.86
40 05 19 00-1661 EA 18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,326.86	308.97
40 05 19 00-1662 EA 18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,393.73	334.35
40 05 19 00-1663 EA 18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,528.72	347.44
40 05 19 00-1664 EA 18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,746.52	358.95
40 05 19 00-1665 EA 18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,994.98	392.65
40 05 19 00-1666 EA 20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,506.32	353.39
40 05 19 00-1667 EA 20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,677.17	364.49
40 05 19 00-1668 EA 20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,330.22	389.88
40 05 19 00-1669 EA 20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,456.22	402.96
40 05 19 00-1670 EA 20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,817.58	414.47
40 05 19 00-1671 EA 20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,726.61	448.18
40 05 19 00-1672 EA 20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,966.12	483.87
40 05 19 00-1673 EA 24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,544.35	389.09
40 05 19 00-1674 EA 24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,716.70	400.19



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-1675	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,000.40	425.57
40 05 19 00-1676	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,205.65	438.67
40 05 19 00-1677	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,592.43	450.17
40 05 19 00-1678	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,950.07	483.87
40 05 19 00-1679	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	5,065.46	519.58
40 05 19 00-1680	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	5,333.39	513.83
40 05 19 00-1681	EA		30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,353.68	537.81
40 05 19 00-1682	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,767.39	549.32
40 05 19 00-1683	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	7,634.93	583.03
40 05 19 00-1684	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	8,885.31	618.73
40 05 19 00-1685	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	10,280.87	674.26
40 05 19 00-1686	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	10,858.33	709.95
40 05 19 00-1687	EA		36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	8,778.04	591.36
40 05 19 00-1688	EA		36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	11,397.40	602.86
40 05 19 00-1689	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	9,242.82	636.58
40 05 19 00-1690	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	12,096.23	672.27
40 05 19 00-1691	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	11,556.79	727.80
40 05 19 00-1692	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	12,605.29	763.50
40 05 19 00-1693	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	13,440.40	862.65
40 05 19 00-1694	EA		42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	15,593.85	668.30
40 05 19 00-1695	EA		42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	13,128.22	702.02
40 05 19 00-1696	EA		42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	17,717.74	737.71
40 05 19 00-1697	EA		42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	17,423.56	793.24
40 05 19 00-1698	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	15,185.25	828.93
40 05 19 00-1699	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	17,901.52	928.09
40 05 19 00-1700	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	25,333.83	981.64
40 05 19 00-1701	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	24,243.56	957.84
40 05 19 00-1702	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	26,363.18	1,056.99
40 05 19 00-1703	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	27,132.17	1,110.54
40 05 19 00-1704	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	34,736.53	1,175.98

#### 40 05 19 00-1705 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows (40 05 19 00-0001)

40 05 19 00-1706	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	485.42	130.89
40 05 19 00-1707	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	754.55	167.37
40 05 19 00-1708	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	1,117.17	189.59
40 05 19 00-1709	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	1,593.36	240.35
40 05 19 00-1710	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	2,262.56	266.53
40 05 19 00-1711	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	2,641.36	289.53
40 05 19 00-1712	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	3,429.88	356.96
40 05 19 00-1713	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	4,251.33	428.35
40 05 19 00-1714	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	5,804.31	539.40
40 05 19 00-1715	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	8,557.77	610.80
40 05 19 00-1716	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	15,108.84	809.11
40 05 19 00-1717	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	23,052.96	916.19
40 05 19 00-1718	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	35,809.29	1,047.08

#### 40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base (40 05 19 00-0001)

40 05 19 00-1720	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	513.83	130.89
40 05 19 00-1721	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	699.22	167.37
40 05 19 00-1722	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	1,156.05	189.59
40 05 19 00-1723	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	1,564.94	240.35
40 05 19 00-1724	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	2,111.53	266.53
40 05 19 00-1725	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	2,497.80	289.53
40 05 19 00-1726	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	3,085.94	356.96
40 05 19 00-1727	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	3,880.48	428.35
40 05 19 00-1728	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	5,125.41	539.40
40 05 19 00-1729	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	7,265.78	610.80
40 05 19 00-1730	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	11,943.17	809.11
40 05 19 00-1731	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	17,117.87	916.19
40 05 19 00-1732	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	31,903.41	1,047.08
40 05 19 00-1733	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base .....	34,375.43	1,285.05

#### 40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees (40 05 19 00-0001)

40 05 19 00-1735	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	692.34	210.21
40 05 19 00-1736	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	858.36	258.60
40 05 19 00-1737	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	1,216.56	288.75
40 05 19 00-1738	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	1,752.82	375.20
40 05 19 00-1739	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	2,342.82	409.31
40 05 19 00-1740	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	3,153.83	440.25
40 05 19 00-1741	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	3,564.37	555.27
40 05 19 00-1742	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	4,352.99	634.59
40 05 19 00-1743	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	5,490.64	801.18
40 05 19 00-1744	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	8,132.03	884.46
40 05 19 00-1745	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	13,884.06	1,221.60
40 05 19 00-1746	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee .....	20,068.63	1,400.08





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1747 EA 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee.....	41,703.54	1,618.21
<b>40 05 19 00-1748 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees</b> <small>(40 05 19 00-0001)</small>		
40 05 19 00-1749 EA 6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	871.66	234.79
40 05 19 00-1750 EA 8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,086.71	239.56
40 05 19 00-1751 EA 8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,081.55	269.70
40 05 19 00-1752 EA 10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,440.71	264.94
40 05 19 00-1753 EA 10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,417.59	295.08
40 05 19 00-1754 EA 10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,494.29	314.13
40 05 19 00-1755 EA 12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,834.98	278.42
40 05 19 00-1756 EA 12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,825.33	308.57
40 05 19 00-1757 EA 12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,927.44	327.61
40 05 19 00-1758 EA 12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,296.62	388.69
40 05 19 00-1759 EA 14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,692.20	289.53
40 05 19 00-1760 EA 14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,628.71	319.68
40 05 19 00-1761 EA 14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,744.29	338.71
40 05 19 00-1762 EA 14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,892.16	399.79
40 05 19 00-1763 EA 14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,067.56	420.81
40 05 19 00-1764 EA 16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,269.64	323.25
40 05 19 00-1765 EA 16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,004.28	353.39
40 05 19 00-1766 EA 16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,952.37	372.43
40 05 19 00-1767 EA 16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,465.12	433.51
40 05 19 00-1768 EA 16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,357.90	454.53
40 05 19 00-1769 EA 16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,749.21	473.96
40 05 19 00-1770 EA 18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,004.11	358.95
40 05 19 00-1771 EA 18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,000.04	389.09
40 05 19 00-1772 EA 18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,622.55	408.12
40 05 19 00-1773 EA 18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,626.86	469.20
40 05 19 00-1774 EA 18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,950.31	490.22
40 05 19 00-1775 EA 18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,316.21	509.66
40 05 19 00-1776 EA 18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,611.37	590.97
40 05 19 00-1777 EA 20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,906.29	414.47
40 05 19 00-1778 EA 20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,429.99	444.62
40 05 19 00-1779 EA 20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,520.15	463.65
40 05 19 00-1780 EA 20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,705.42	524.73
40 05 19 00-1781 EA 20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,889.78	545.75
40 05 19 00-1782 EA 20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,950.64	565.18
40 05 19 00-1783 EA 20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,966.56	646.49
40 05 19 00-1784 EA 20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,093.98	690.12
40 05 19 00-1785 EA 24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,884.42	450.17
40 05 19 00-1786 EA 24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,068.77	480.31
40 05 19 00-1787 EA 24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,299.48	499.35
40 05 19 00-1788 EA 24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,504.19	560.42
40 05 19 00-1789 EA 24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,176.05	581.44
40 05 19 00-1790 EA 24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,328.11	600.88
40 05 19 00-1791 EA 24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,532.06	682.19
40 05 19 00-1792 EA 24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,609.42	725.82
40 05 19 00-1793 EA 24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,901.67	775.59
40 05 19 00-1794 EA 30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,475.20	579.47
40 05 19 00-1795 EA 30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,535.44	598.50
40 05 19 00-1796 EA 30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,826.88	659.58
40 05 19 00-1797 EA 30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,858.73	680.60
40 05 19 00-1798 EA 30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,888.17	700.03
40 05 19 00-1799 EA 30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,110.05	781.34
40 05 19 00-1800 EA 30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,241.96	824.97
40 05 19 00-1801 EA 30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,573.21	936.03
40 05 19 00-1802 EA 30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,845.39	983.62
40 05 19 00-1803 EA 36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	14,445.65	829.33
40 05 19 00-1804 EA 36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,459.90	844.41
40 05 19 00-1805 EA 36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,558.30	887.64
40 05 19 00-1806 EA 36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,682.83	904.69
40 05 19 00-1807 EA 36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,739.17	920.17
40 05 19 00-1808 EA 36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,892.10	977.67
40 05 19 00-1809 EA 36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,985.10	1,017.34
40 05 19 00-1810 EA 36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,242.88	1,100.62
40 05 19 00-1811 EA 36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,603.56	1,142.27
40 05 19 00-1812 EA 36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	21,769.72	1,310.83
40 05 19 00-1813 EA 42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	25,947.46	717.49
40 05 19 00-1814 EA 42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,444.06	778.57
40 05 19 00-1815 EA 42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,475.92	799.59
40 05 19 00-1816 EA 42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,539.75	819.02
40 05 19 00-1817 EA 42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,733.23	900.33
40 05 19 00-1818 EA 42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	23,975.78	943.96
40 05 19 00-1819 EA 42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,144.04	1,055.02
40 05 19 00-1820 EA 42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,497.29	1,102.61
40 05 19 00-1821 EA 42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	31,047.16	1,340.58
40 05 19 00-1822 EA 42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	39,924.49	1,465.52
40 05 19 00-1823 EA 48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	31,761.11	928.49
40 05 19 00-1824 EA 48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	31,790.56	947.92
40 05 19 00-1825 EA 48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	32,018.43	1,029.23

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1826	EA		48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	32,084.54	1,072.86
40 05 19 00-1827	EA		48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	32,391.87	1,183.92
40 05 19 00-1828	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	32,710.72	1,231.51
40 05 19 00-1829	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	33,564.75	1,469.48
<b>40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base (40 05 19 00-0001)</b>					
40 05 19 00-1831	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	749.16	210.21
40 05 19 00-1832	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	1,021.36	258.60
40 05 19 00-1833	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	1,497.69	288.75
40 05 19 00-1834	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	2,283.67	375.20
40 05 19 00-1835	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	3,078.54	409.31
40 05 19 00-1836	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	3,440.94	440.25
40 05 19 00-1837	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	4,270.18	555.27
40 05 19 00-1838	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	5,191.88	634.59
40 05 19 00-1839	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	6,938.15	801.18
40 05 19 00-1840	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	10,019.17	884.46
40 05 19 00-1841	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	16,822.44	1,221.60
40 05 19 00-1842	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	24,014.89	1,400.08
<b>40 05 19 00-1843 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes (40 05 19 00-0001)</b>					
40 05 19 00-1844	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	605.61	210.21
40 05 19 00-1845	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	850.89	258.60
40 05 19 00-1846	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,238.99	288.75
40 05 19 00-1847	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,628.70	375.20
40 05 19 00-1848	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	2,335.35	409.31
40 05 19 00-1849	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	3,040.19	440.25
<b>40 05 19 00-1850 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses (40 05 19 00-0001)</b>					
40 05 19 00-1851	EA		4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	831.97	289.53
40 05 19 00-1852	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,104.90	313.73
40 05 19 00-1853	EA		6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,168.55	349.82
40 05 19 00-1854	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,369.90	318.88
40 05 19 00-1855	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,491.93	360.92
40 05 19 00-1856	EA		8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,543.26	387.89
40 05 19 00-1857	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,779.22	344.26
40 05 19 00-1858	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,958.06	386.30
40 05 19 00-1859	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,142.48	413.27
40 05 19 00-1860	EA		10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,659.95	510.06
40 05 19 00-1861	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,313.44	357.36
40 05 19 00-1862	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,433.98	399.40
40 05 19 00-1863	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,619.89	426.37
40 05 19 00-1864	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,165.78	523.14
40 05 19 00-1865	EA		12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,974.87	552.10
40 05 19 00-1866	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,908.98	410.90
40 05 19 00-1867	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,093.40	437.87
40 05 19 00-1868	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,440.41	534.65
40 05 19 00-1869	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,742.98	563.60
40 05 19 00-1870	EA		14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,926.49	590.97
40 05 19 00-1871	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,475.95	444.62
40 05 19 00-1872	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,687.30	471.59
40 05 19 00-1873	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,034.30	568.36
40 05 19 00-1874	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,365.28	597.31
40 05 19 00-1875	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,109.96	624.68
40 05 19 00-1876	EA		16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,944.49	753.58
40 05 19 00-1877	EA		18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,616.78	480.31
40 05 19 00-1878	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,826.61	507.28
40 05 19 00-1879	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,116.81	604.05
40 05 19 00-1880	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,446.28	633.01
40 05 19 00-1881	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,115.80	660.38
40 05 19 00-1882	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,569.80	789.28
40 05 19 00-1883	EA		18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,819.88	840.83
40 05 19 00-1884	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,722.24	535.84
40 05 19 00-1885	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,947.04	562.81
40 05 19 00-1886	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,216.29	659.58
40 05 19 00-1887	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,568.19	688.53
40 05 19 00-1888	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,670.96	715.90
40 05 19 00-1889	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,913.02	844.81
40 05 19 00-1890	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,175.07	896.36
40 05 19 00-1891	EA		20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,859.63	1,062.94
40 05 19 00-1892	EA		24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,253.74	571.53
40 05 19 00-1893	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,415.73	598.50
40 05 19 00-1894	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,777.69	695.27
40 05 19 00-1895	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,006.97	724.23
40 05 19 00-1896	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,141.16	751.60
40 05 19 00-1897	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,551.80	880.50
40 05 19 00-1898	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	9,816.13	932.06



MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1899	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	10,373.45	1,037.37
40 05 19 00-1900	EA	24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,419.26	1,158.13
40 05 19 00-1901	EA	30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,570.03	823.38
40 05 19 00-1902	EA	30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	11,644.39	850.75
40 05 19 00-1903	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,069.98	979.66
40 05 19 00-1904	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,213.90	1,031.22
40 05 19 00-1905	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	12,829.66	1,197.79
40 05 19 00-1906	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,712.03	1,257.29
40 05 19 00-1907	EA	30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,962.22	1,634.08
40 05 19 00-1908	EA	36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,358.26	1,047.48
40 05 19 00-1909	EA	36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,393.71	1,070.88
40 05 19 00-1910	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,753.33	1,175.98
40 05 19 00-1911	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	16,889.75	1,223.57
40 05 19 00-1912	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	17,397.66	1,362.40
40 05 19 00-1913	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	18,006.64	1,415.94
40 05 19 00-1914	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,373.06	1,723.32
40 05 19 00-1915	EA	36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,726.40	1,883.95
40 05 19 00-1916	EA	42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,220.12	942.37
40 05 19 00-1917	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,261.58	969.74
40 05 19 00-1918	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,667.73	1,098.64
40 05 19 00-1919	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	24,780.25	1,150.20
40 05 19 00-1920	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,349.66	1,316.78
40 05 19 00-1921	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,967.66	1,376.28
40 05 19 00-1922	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,430.67	1,753.06
40 05 19 00-1923	EA	42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	46,250.28	1,949.39
40 05 19 00-1924	EA	48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,197.88	2,189.34
40 05 19 00-1925	EA	48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,509.40	1,098.64
40 05 19 00-1926	EA	48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	32,917.04	1,227.55
40 05 19 00-1927	EA	48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,029.56	1,279.10
40 05 19 00-1928	EA	48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	33,563.08	1,445.68
40 05 19 00-1929	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,181.09	1,505.18
40 05 19 00-1930	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,701.53	1,881.96

**40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers (40 05 19 00-0001)**

40 05 19 00-1932	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	444.27	149.13
40 05 19 00-1933	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	570.27	160.23
40 05 19 00-1934	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	627.81	178.48
40 05 19 00-1935	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	770.22	185.62
40 05 19 00-1936	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	775.43	203.86
40 05 19 00-1937	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	908.90	214.97
40 05 19 00-1938	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	988.05	199.10
40 05 19 00-1939	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,020.17	217.35
40 05 19 00-1940	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,119.24	228.46
40 05 19 00-1941	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,259.40	253.84
40 05 19 00-1942	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,555.51	217.35
40 05 19 00-1943	EA	14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,232.89	228.46
40 05 19 00-1944	EA	14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,364.85	239.56
40 05 19 00-1945	EA	14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,500.52	264.94
40 05 19 00-1946	EA	14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,456.65	278.42
40 05 19 00-1947	EA	16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,842.51	243.92
40 05 19 00-1948	EA	16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,485.84	262.16
40 05 19 00-1949	EA	16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,400.99	273.27
40 05 19 00-1950	EA	16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,562.07	298.66
40 05 19 00-1951	EA	16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,942.28	311.74
40 05 19 00-1952	EA	16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,091.30	323.25
40 05 19 00-1953	EA	18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,332.47	297.86
40 05 19 00-1954	EA	18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,840.87	308.97
40 05 19 00-1955	EA	18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,022.89	334.35
40 05 19 00-1956	EA	18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,008.33	347.44
40 05 19 00-1957	EA	18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,315.85	358.95
40 05 19 00-1958	EA	18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,308.61	392.65
40 05 19 00-1959	EA	20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,382.21	353.39
40 05 19 00-1960	EA	20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,307.81	364.49
40 05 19 00-1961	EA	20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,500.29	389.88
40 05 19 00-1962	EA	20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,434.89	402.96
40 05 19 00-1963	EA	20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,815.69	414.47
40 05 19 00-1964	EA	20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,636.50	448.18
40 05 19 00-1965	EA	20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,258.81	483.87
40 05 19 00-1966	EA	24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,130.52	400.19
40 05 19 00-1967	EA	24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,538.33	425.57
40 05 19 00-1968	EA	24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,807.89	438.67
40 05 19 00-1969	EA	24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,909.05	450.17
40 05 19 00-1970	EA	24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,450.22	483.87
40 05 19 00-1971	EA	24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,172.74	519.58
40 05 19 00-1972	EA	24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,410.75	513.83
40 05 19 00-1973	EA	30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,027.42	583.03
40 05 19 00-1974	EA	30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,280.39	618.73
40 05 19 00-1975	EA	30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,760.79	674.26
40 05 19 00-1976	EA	30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,474.33	709.95



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1977	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	8,252.89	636.58
40 05 19 00-1978	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	8,668.86	672.27
40 05 19 00-1979	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	9,215.06	727.80
40 05 19 00-1980	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	10,028.78	763.50
40 05 19 00-1981	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	11,563.72	862.65
40 05 19 00-1982	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	14,059.24	828.93
40 05 19 00-1983	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	15,896.24	928.09
40 05 19 00-1984	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	17,982.64	981.64
40 05 19 00-1985	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	17,876.31	957.84
40 05 19 00-1986	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	20,066.22	1,056.99
40 05 19 00-1987	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	22,433.75	1,110.54
40 05 19 00-1988	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer .....	25,136.32	1,175.98

**40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers (40 05 19 00-0001)**

40 05 19 00-1990	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	484.65	149.13
40 05 19 00-1991	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	616.63	160.23
40 05 19 00-1992	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	701.08	178.48
40 05 19 00-1993	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	770.22	185.62
40 05 19 00-1994	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	824.78	203.86
40 05 19 00-1995	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	955.26	214.97
40 05 19 00-1996	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	988.05	199.10
40 05 19 00-1997	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,074.00	217.35
40 05 19 00-1998	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,176.06	228.46
40 05 19 00-1999	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,358.09	253.84
40 05 19 00-2000	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,232.89	228.46
40 05 19 00-2001	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,336.44	239.56
40 05 19 00-2002	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,490.05	264.94
40 05 19 00-2003	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,709.36	278.42
40 05 19 00-2004	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,485.84	262.16
40 05 19 00-2005	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,614.82	273.27
40 05 19 00-2006	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,796.84	298.66
40 05 19 00-2007	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,988.64	311.74
40 05 19 00-2008	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,091.30	323.25
40 05 19 00-2009	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,840.87	308.97
40 05 19 00-2010	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,022.89	334.35
40 05 19 00-2011	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,214.69	347.44
40 05 19 00-2012	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,315.85	358.95
40 05 19 00-2013	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,538.90	392.65
40 05 19 00-2014	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,702.22	353.39
40 05 19 00-2015	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,461.83	364.49
40 05 19 00-2016	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,500.29	389.88
40 05 19 00-2017	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,735.46	402.96
40 05 19 00-2018	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,815.69	414.47
40 05 19 00-2019	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,079.12	448.18
40 05 19 00-2020	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,257.32	483.87
40 05 19 00-2021	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,438.56	400.19
40 05 19 00-2022	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,538.33	425.57
40 05 19 00-2023	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,619.47	438.67
40 05 19 00-2024	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,698.20	450.17
40 05 19 00-2025	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,966.12	483.87
40 05 19 00-2026	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,172.74	519.58
40 05 19 00-2027	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,410.75	513.83
40 05 19 00-2028	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,230.96	549.32
40 05 19 00-2029	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,050.24	583.03
40 05 19 00-2030	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,313.29	618.73
40 05 19 00-2031	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,760.79	674.26
40 05 19 00-2032	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,474.33	709.95
40 05 19 00-2033	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,318.69	636.58
40 05 19 00-2034	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,668.86	672.27
40 05 19 00-2035	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	9,182.16	727.80
40 05 19 00-2036	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	9,992.89	763.50
40 05 19 00-2037	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	11,530.83	862.65
40 05 19 00-2038	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	14,059.24	828.93
40 05 19 00-2039	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	11,858.77	928.09
40 05 19 00-2040	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	17,982.64	981.64
40 05 19 00-2041	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	20,066.22	1,056.99
40 05 19 00-2042	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	22,433.75	1,110.54
40 05 19 00-2043	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	25,136.32	1,175.98

**40 05 19 00-2044 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges (40 05 19 00-0001)**

40 05 19 00-2045	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	172.33	51.56
40 05 19 00-2046	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	258.93	76.15
40 05 19 00-2047	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	377.16	90.43
40 05 19 00-2048	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	521.74	105.50
40 05 19 00-2049	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	674.98	123.75
40 05 19 00-2050	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	895.20	138.81
40 05 19 00-2051	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	1,070.30	158.65



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				40 05 19 00-2052 EA 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	1,449.08	222.11
				40 05 19 00-2053 EA 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	1,926.48	277.64
				40 05 19 00-2054 EA 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	2,750.85	337.13
				40 05 19 00-2055 EA 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	3,887.71	392.65
				40 05 19 00-2056 EA 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	6,974.42	432.32
				40 05 19 00-2057 EA 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	9,848.81	475.95
				40 05 19 00-2058 EA 48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange .....	13,026.88	535.44
				<b>40 05 19 00-2059 Flanged End (FxF), Ductile Iron Flexible Ball Joint</b> <small>(40 05 19 00-0001)</small>		
				Note: All internal surfaces (wetted parts) shall be lined with a minimum of 15 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C213. Sealing gaskets shall be constructed of EPDM. The coating shall meet ANSI/NSF-61. Exterior surfaces shall be coated with a minimum of 6 mils of fusion bonded epoxy conforming to the applicable requirements of ANSI/AWWA C116/A21.16.		
				40 05 19 00-2060 EA 3" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	1,126.47	102.46
				40 05 19 00-2061 EA 4" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	1,307.73	120.21
				40 05 19 00-2062 EA 6" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	2,078.78	150.27
				40 05 19 00-2063 EA 8" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	2,757.04	171.75
				40 05 19 00-2064 EA 10" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	3,807.57	258.73
				40 05 19 00-2065 EA 12" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	4,980.31	282.25
				40 05 19 00-2066 EA 14" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	5,768.57	310.48
				40 05 19 00-2067 EA 16" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	6,411.97	344.94
				40 05 19 00-2068 EA 18" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	9,175.72	388.10
				40 05 19 00-2069 EA 20" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	9,374.18	443.49
				40 05 19 00-2070 EA 24" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	16,385.53	517.46
				40 05 19 00-2071 EA 30" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	57,385.06	620.96
				40 05 19 00-2072 EA 36" Diameter, Flange x Flange, Ductile Iron, Flexible Ball Joint .....	81,478.70	776.20
				<b>40 05 19 00-2073 Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping</b> <small>(40 05 19)</small>		
				Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4103 for bolts, 40 05 19 00-4118 for gaskets.		
				<b>40 05 19 00-2074 Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2073)</small>		
				<b>40 05 19 00-2075 4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2074)</small>		
				40 05 19 00-2076 EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,107.12	226.87
				For Class 52 Rating, Deduct	-83.97	
				For Class 54 Rating, Add	118.63	
				For Class 55 Rating, Add	178.48	
				For Class 56 Rating, Add	237.57	
				40 05 19 00-2077 EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,221.77	230.83
				For Class 52 Rating, Deduct	-95.92	
				For Class 54 Rating, Add	135.00	
				For Class 55 Rating, Add	202.86	
				For Class 56 Rating, Add	269.84	
				40 05 19 00-2078 EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,336.44	234.79
				For Class 52 Rating, Deduct	-107.87	
				For Class 54 Rating, Add	151.37	
				For Class 55 Rating, Add	227.23	
				For Class 56 Rating, Add	302.11	
				40 05 19 00-2079 EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,451.08	238.77
				For Class 52 Rating, Deduct	-119.83	
				For Class 54 Rating, Add	167.74	
				For Class 55 Rating, Add	251.60	
				For Class 56 Rating, Add	334.37	
				40 05 19 00-2080 EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,565.75	242.73
				For Class 52 Rating, Deduct	-131.78	
				For Class 54 Rating, Add	184.11	
				For Class 55 Rating, Add	275.97	
				For Class 56 Rating, Add	366.64	
				40 05 19 00-2081 EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,680.40	246.70
				For Class 52 Rating, Deduct	-143.73	
				For Class 54 Rating, Add	200.48	
				For Class 55 Rating, Add	300.35	
				For Class 56 Rating, Add	398.91	
				40 05 19 00-2082 EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,795.06	250.67
				For Class 52 Rating, Deduct	-155.68	
				For Class 54 Rating, Add	216.85	
				For Class 55 Rating, Add	324.72	
				For Class 56 Rating, Add	431.17	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2083	EA	4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,909.71	254.63
		<i>For Class 52 Rating, Deduct</i>		-167.63	
		<i>For Class 54 Rating, Add</i>		233.22	
		<i>For Class 55 Rating, Add</i>		349.09	
		<i>For Class 56 Rating, Add</i>		463.44	
40 05 19 00-2084	EA	4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,024.37	258.60
		<i>For Class 52 Rating, Deduct</i>		-179.58	
		<i>For Class 54 Rating, Add</i>		249.59	
		<i>For Class 55 Rating, Add</i>		373.46	
		<i>For Class 56 Rating, Add</i>		495.71	
40 05 19 00-2085	EA	4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,139.02	262.56
		<i>For Class 52 Rating, Deduct</i>		-191.53	
		<i>For Class 54 Rating, Add</i>		265.95	
		<i>For Class 55 Rating, Add</i>		397.84	
		<i>For Class 56 Rating, Add</i>		527.98	
40 05 19 00-2086	EA	4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,253.68	266.53
		<i>For Class 52 Rating, Deduct</i>		-203.48	
		<i>For Class 54 Rating, Add</i>		282.32	
		<i>For Class 55 Rating, Add</i>		422.21	
		<i>For Class 56 Rating, Add</i>		560.24	
40 05 19 00-2087	EA	4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,368.34	270.50
		<i>For Class 52 Rating, Deduct</i>		-215.44	
		<i>For Class 54 Rating, Add</i>		298.69	
		<i>For Class 55 Rating, Add</i>		446.58	
		<i>For Class 56 Rating, Add</i>		592.51	
40 05 19 00-2088	EA	4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,482.99	274.46
		<i>For Class 52 Rating, Deduct</i>		-227.39	
		<i>For Class 54 Rating, Add</i>		315.06	
		<i>For Class 55 Rating, Add</i>		470.95	
		<i>For Class 56 Rating, Add</i>		624.78	
40 05 19 00-2089	EA	4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,597.65	278.42
		<i>For Class 52 Rating, Deduct</i>		-239.34	
		<i>For Class 54 Rating, Add</i>		331.43	
		<i>For Class 55 Rating, Add</i>		495.33	
		<i>For Class 56 Rating, Add</i>		657.05	
40 05 19 00-2090	EA	4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,712.31	282.40
		<i>For Class 52 Rating, Deduct</i>		-251.29	
		<i>For Class 54 Rating, Add</i>		347.80	
		<i>For Class 55 Rating, Add</i>		519.70	
		<i>For Class 56 Rating, Add</i>		689.31	
40 05 19 00-2091	EA	4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,826.96	286.36
		<i>For Class 52 Rating, Deduct</i>		-263.24	
		<i>For Class 54 Rating, Add</i>		364.17	
		<i>For Class 55 Rating, Add</i>		544.07	
		<i>For Class 56 Rating, Add</i>		721.58	
40 05 19 00-2092	EA	4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,941.62	290.32
		<i>For Class 52 Rating, Deduct</i>		-275.19	
		<i>For Class 54 Rating, Add</i>		380.54	
		<i>For Class 55 Rating, Add</i>		568.44	
		<i>For Class 56 Rating, Add</i>		753.85	
40 05 19 00-2093	EA	4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,056.27	294.29
		<i>For Class 52 Rating, Deduct</i>		-287.14	
		<i>For Class 54 Rating, Add</i>		396.91	
		<i>For Class 55 Rating, Add</i>		592.82	
		<i>For Class 56 Rating, Add</i>		786.11	
40 05 19 00-2094	EA	4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,170.93	298.26
		<i>For Class 52 Rating, Deduct</i>		-299.09	
		<i>For Class 54 Rating, Add</i>		413.28	
		<i>For Class 55 Rating, Add</i>		617.19	
		<i>For Class 56 Rating, Add</i>		818.38	
40 05 19 00-2095	EA	4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,285.58	302.23
		<i>For Class 52 Rating, Deduct</i>		-311.04	
		<i>For Class 54 Rating, Add</i>		429.65	
		<i>For Class 55 Rating, Add</i>		641.56	
		<i>For Class 56 Rating, Add</i>		850.65	
40 05 19 00-2096	EA	4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,400.25	306.19
		<i>For Class 52 Rating, Deduct</i>		-323.00	
		<i>For Class 54 Rating, Add</i>		446.02	
		<i>For Class 55 Rating, Add</i>		665.93	
		<i>For Class 56 Rating, Add</i>		882.92	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2097 EA 4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,514.89	310.16
For Class 52 Rating, Deduct	-334.95	
For Class 54 Rating, Add	462.38	
For Class 55 Rating, Add	690.30	
For Class 56 Rating, Add	915.18	
40 05 19 00-2098 EA 4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,629.56	314.13
For Class 52 Rating, Deduct	-346.90	
For Class 54 Rating, Add	478.75	
For Class 55 Rating, Add	714.68	
For Class 56 Rating, Add	947.45	
40 05 19 00-2099 EA 4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,744.21	318.09
For Class 52 Rating, Deduct	-358.85	
For Class 54 Rating, Add	495.12	
For Class 55 Rating, Add	739.05	
For Class 56 Rating, Add	979.72	
40 05 19 00-2100 EA 4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,858.87	322.05
For Class 52 Rating, Deduct	-370.80	
For Class 54 Rating, Add	511.49	
For Class 55 Rating, Add	763.42	
For Class 56 Rating, Add	1,011.98	
40 05 19 00-2101 EA 4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,973.52	326.03
For Class 52 Rating, Deduct	-382.75	
For Class 54 Rating, Add	527.86	
For Class 55 Rating, Add	787.79	
For Class 56 Rating, Add	1,044.25	
40 05 19 00-2102 EA 4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,088.18	329.99
For Class 52 Rating, Deduct	-394.70	
For Class 54 Rating, Add	544.23	
For Class 55 Rating, Add	812.17	
For Class 56 Rating, Add	1,076.52	
40 05 19 00-2103 EA 4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,202.83	333.95
For Class 52 Rating, Deduct	-406.65	
For Class 54 Rating, Add	560.60	
For Class 55 Rating, Add	836.54	
For Class 56 Rating, Add	1,108.78	
40 05 19 00-2104 EA 4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,317.49	337.92
For Class 52 Rating, Deduct	-418.60	
For Class 54 Rating, Add	576.97	
For Class 55 Rating, Add	860.91	
For Class 56 Rating, Add	1,141.05	
40 05 19 00-2105 EA 4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,432.15	341.89
For Class 52 Rating, Deduct	-430.56	
For Class 54 Rating, Add	593.34	
For Class 55 Rating, Add	885.29	
For Class 56 Rating, Add	1,173.32	
40 05 19 00-2106 EA 4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,546.80	345.85
For Class 52 Rating, Deduct	-442.51	
For Class 54 Rating, Add	609.71	
For Class 55 Rating, Add	909.66	
For Class 56 Rating, Add	1,205.58	
40 05 19 00-2107 EA 4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,661.46	349.82
For Class 52 Rating, Deduct	-454.46	
For Class 54 Rating, Add	626.07	
For Class 55 Rating, Add	934.03	
For Class 56 Rating, Add	1,237.85	
40 05 19 00-2108 EA 4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,776.12	353.78
For Class 52 Rating, Deduct	-466.41	
For Class 54 Rating, Add	642.44	
For Class 55 Rating, Add	958.40	
For Class 56 Rating, Add	1,270.12	
40 05 19 00-2109 EA 4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,890.77	357.76
For Class 52 Rating, Deduct	-478.36	
For Class 54 Rating, Add	658.81	
For Class 55 Rating, Add	982.77	
For Class 56 Rating, Add	1,302.39	
40 05 19 00-2110 EA 4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,005.43	361.72
For Class 52 Rating, Deduct	-490.31	
For Class 54 Rating, Add	675.18	
For Class 55 Rating, Add	1,007.15	
For Class 56 Rating, Add	1,334.65	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2111	EA	4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,120.08	365.68
		<i>For Class 52 Rating, Deduct</i>		-502.26	
		<i>For Class 54 Rating, Add</i>		691.55	
		<i>For Class 55 Rating, Add</i>		1,031.52	
		<i>For Class 56 Rating, Add</i>		1,366.92	
40 05 19 00-2112	EA	4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,234.74	369.66
		<i>For Class 52 Rating, Deduct</i>		-514.21	
		<i>For Class 54 Rating, Add</i>		707.92	
		<i>For Class 55 Rating, Add</i>		1,055.89	
		<i>For Class 56 Rating, Add</i>		1,399.19	
40 05 19 00-2113	EA	4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,349.39	373.62
		<i>For Class 52 Rating, Deduct</i>		-526.16	
		<i>For Class 54 Rating, Add</i>		724.29	
		<i>For Class 55 Rating, Add</i>		1,080.26	
		<i>For Class 56 Rating, Add</i>		1,431.46	
40 05 19 00-2114	EA	4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,464.05	377.58
		<i>For Class 52 Rating, Deduct</i>		-538.11	
		<i>For Class 54 Rating, Add</i>		740.66	
		<i>For Class 55 Rating, Add</i>		1,104.64	
		<i>For Class 56 Rating, Add</i>		1,463.72	
40 05 19 00-2115		6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2074)</small>			
40 05 19 00-2116	EA	6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,384.76	285.57
		<i>For Class 52 Rating, Deduct</i>		-104.73	
		<i>For Class 54 Rating, Add</i>		148.01	
		<i>For Class 55 Rating, Add</i>		222.70	
		<i>For Class 56 Rating, Add</i>		296.44	
40 05 19 00-2117	EA	6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,516.58	289.53
		<i>For Class 52 Rating, Deduct</i>		-118.57	
		<i>For Class 54 Rating, Add</i>		166.95	
		<i>For Class 55 Rating, Add</i>		250.90	
		<i>For Class 56 Rating, Add</i>		333.77	
40 05 19 00-2118	EA	6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,648.38	293.50
		<i>For Class 52 Rating, Deduct</i>		-132.41	
		<i>For Class 54 Rating, Add</i>		185.89	
		<i>For Class 55 Rating, Add</i>		279.10	
		<i>For Class 56 Rating, Add</i>		371.10	
40 05 19 00-2119	EA	6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,780.20	297.47
		<i>For Class 52 Rating, Deduct</i>		-146.24	
		<i>For Class 54 Rating, Add</i>		204.83	
		<i>For Class 55 Rating, Add</i>		307.29	
		<i>For Class 56 Rating, Add</i>		408.43	
40 05 19 00-2120	EA	6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,912.00	301.43
		<i>For Class 52 Rating, Deduct</i>		-160.08	
		<i>For Class 54 Rating, Add</i>		223.77	
		<i>For Class 55 Rating, Add</i>		335.49	
		<i>For Class 56 Rating, Add</i>		445.75	
40 05 19 00-2121	EA	6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,043.82	305.39
		<i>For Class 52 Rating, Deduct</i>		-173.92	
		<i>For Class 54 Rating, Add</i>		242.72	
		<i>For Class 55 Rating, Add</i>		363.69	
		<i>For Class 56 Rating, Add</i>		483.08	
40 05 19 00-2122	EA	6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,175.62	309.37
		<i>For Class 52 Rating, Deduct</i>		-187.76	
		<i>For Class 54 Rating, Add</i>		261.66	
		<i>For Class 55 Rating, Add</i>		391.89	
		<i>For Class 56 Rating, Add</i>		520.41	
40 05 19 00-2123	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,307.44	313.33
		<i>For Class 52 Rating, Deduct</i>		-201.60	
		<i>For Class 54 Rating, Add</i>		280.60	
		<i>For Class 55 Rating, Add</i>		420.09	
		<i>For Class 56 Rating, Add</i>		557.74	
40 05 19 00-2124	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,439.25	317.29
		<i>For Class 52 Rating, Deduct</i>		-215.44	
		<i>For Class 54 Rating, Add</i>		299.54	
		<i>For Class 55 Rating, Add</i>		448.28	
		<i>For Class 56 Rating, Add</i>		595.06	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2125 EA 6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,571.06	321.26
<i>For Class 52 Rating, Deduct</i>	-229.27	
<i>For Class 54 Rating, Add</i>	318.49	
<i>For Class 55 Rating, Add</i>	476.48	
<i>For Class 56 Rating, Add</i>	632.39	
40 05 19 00-2126 EA 6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,702.87	325.23
<i>For Class 52 Rating, Deduct</i>	-243.11	
<i>For Class 54 Rating, Add</i>	337.43	
<i>For Class 55 Rating, Add</i>	504.68	
<i>For Class 56 Rating, Add</i>	669.72	
40 05 19 00-2127 EA 6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,834.68	329.20
<i>For Class 52 Rating, Deduct</i>	-256.95	
<i>For Class 54 Rating, Add</i>	356.37	
<i>For Class 55 Rating, Add</i>	532.88	
<i>For Class 56 Rating, Add</i>	707.05	
40 05 19 00-2128 EA 6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,966.49	333.16
<i>For Class 52 Rating, Deduct</i>	-270.79	
<i>For Class 54 Rating, Add</i>	375.31	
<i>For Class 55 Rating, Add</i>	561.07	
<i>For Class 56 Rating, Add</i>	744.37	
40 05 19 00-2129 EA 6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,098.30	337.13
<i>For Class 52 Rating, Deduct</i>	-284.63	
<i>For Class 54 Rating, Add</i>	394.25	
<i>For Class 55 Rating, Add</i>	589.27	
<i>For Class 56 Rating, Add</i>	781.70	
40 05 19 00-2130 EA 6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,230.11	341.10
<i>For Class 52 Rating, Deduct</i>	-298.46	
<i>For Class 54 Rating, Add</i>	413.20	
<i>For Class 55 Rating, Add</i>	617.47	
<i>For Class 56 Rating, Add</i>	819.03	
40 05 19 00-2131 EA 6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,361.93	345.06
<i>For Class 52 Rating, Deduct</i>	-312.30	
<i>For Class 54 Rating, Add</i>	432.14	
<i>For Class 55 Rating, Add</i>	645.67	
<i>For Class 56 Rating, Add</i>	856.36	
40 05 19 00-2132 EA 6" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,493.73	349.02
<i>For Class 52 Rating, Deduct</i>	-326.14	
<i>For Class 54 Rating, Add</i>	451.08	
<i>For Class 55 Rating, Add</i>	673.87	
<i>For Class 56 Rating, Add</i>	893.69	
40 05 19 00-2133 EA 6" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,625.55	353.00
<i>For Class 52 Rating, Deduct</i>	-339.98	
<i>For Class 54 Rating, Add</i>	470.02	
<i>For Class 55 Rating, Add</i>	702.06	
<i>For Class 56 Rating, Add</i>	931.01	
40 05 19 00-2134 EA 6" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,757.35	356.96
<i>For Class 52 Rating, Deduct</i>	-353.82	
<i>For Class 54 Rating, Add</i>	488.97	
<i>For Class 55 Rating, Add</i>	730.26	
<i>For Class 56 Rating, Add</i>	968.34	
40 05 19 00-2135 EA 6" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,889.17	360.92
<i>For Class 52 Rating, Deduct</i>	-367.65	
<i>For Class 54 Rating, Add</i>	507.91	
<i>For Class 55 Rating, Add</i>	758.46	
<i>For Class 56 Rating, Add</i>	1,005.67	
40 05 19 00-2136 EA 6" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,020.97	364.89
<i>For Class 52 Rating, Deduct</i>	-381.49	
<i>For Class 54 Rating, Add</i>	526.85	
<i>For Class 55 Rating, Add</i>	786.66	
<i>For Class 56 Rating, Add</i>	1,043.00	
40 05 19 00-2137 EA 6" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,152.79	368.86
<i>For Class 52 Rating, Deduct</i>	-395.33	
<i>For Class 54 Rating, Add</i>	545.79	
<i>For Class 55 Rating, Add</i>	814.86	
<i>For Class 56 Rating, Add</i>	1,080.32	
40 05 19 00-2138 EA 6" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,284.60	372.82
<i>For Class 52 Rating, Deduct</i>	-409.17	
<i>For Class 54 Rating, Add</i>	564.74	
<i>For Class 55 Rating, Add</i>	843.05	
<i>For Class 56 Rating, Add</i>	1,117.65	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2139	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,416.42	376.79
		<i>For Class 52 Rating, Deduct</i>		-423.01	
		<i>For Class 54 Rating, Add</i>		583.68	
		<i>For Class 55 Rating, Add</i>		871.25	
		<i>For Class 56 Rating, Add</i>		1,154.98	
40 05 19 00-2140	EA	6" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,548.22	380.75
		<i>For Class 52 Rating, Deduct</i>		-436.85	
		<i>For Class 54 Rating, Add</i>		602.62	
		<i>For Class 55 Rating, Add</i>		899.45	
		<i>For Class 56 Rating, Add</i>		1,192.31	
40 05 19 00-2141	EA	6" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,680.03	384.73
		<i>For Class 52 Rating, Deduct</i>		-450.68	
		<i>For Class 54 Rating, Add</i>		621.56	
		<i>For Class 55 Rating, Add</i>		927.65	
		<i>For Class 56 Rating, Add</i>		1,229.64	
40 05 19 00-2142	EA	6" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,811.84	388.69
		<i>For Class 52 Rating, Deduct</i>		-464.52	
		<i>For Class 54 Rating, Add</i>		640.51	
		<i>For Class 55 Rating, Add</i>		955.85	
		<i>For Class 56 Rating, Add</i>		1,266.96	
40 05 19 00-2143	EA	6" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,943.65	392.65
		<i>For Class 52 Rating, Deduct</i>		-478.36	
		<i>For Class 54 Rating, Add</i>		659.45	
		<i>For Class 55 Rating, Add</i>		984.04	
		<i>For Class 56 Rating, Add</i>		1,304.29	
40 05 19 00-2144	EA	6" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,075.46	396.63
		<i>For Class 52 Rating, Deduct</i>		-492.20	
		<i>For Class 54 Rating, Add</i>		678.39	
		<i>For Class 55 Rating, Add</i>		1,012.24	
		<i>For Class 56 Rating, Add</i>		1,341.62	
40 05 19 00-2145	EA	6" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,207.27	400.59
		<i>For Class 52 Rating, Deduct</i>		-506.04	
		<i>For Class 54 Rating, Add</i>		697.33	
		<i>For Class 55 Rating, Add</i>		1,040.44	
		<i>For Class 56 Rating, Add</i>		1,378.94	
40 05 19 00-2146	EA	6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,339.09	404.55
		<i>For Class 52 Rating, Deduct</i>		-519.87	
		<i>For Class 54 Rating, Add</i>		716.28	
		<i>For Class 55 Rating, Add</i>		1,068.64	
		<i>For Class 56 Rating, Add</i>		1,416.27	
40 05 19 00-2147	EA	6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,470.90	408.52
		<i>For Class 52 Rating, Deduct</i>		-533.71	
		<i>For Class 54 Rating, Add</i>		735.22	
		<i>For Class 55 Rating, Add</i>		1,096.84	
		<i>For Class 56 Rating, Add</i>		1,453.60	
40 05 19 00-2148	EA	6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,602.71	412.49
		<i>For Class 52 Rating, Deduct</i>		-547.55	
		<i>For Class 54 Rating, Add</i>		754.16	
		<i>For Class 55 Rating, Add</i>		1,125.03	
		<i>For Class 56 Rating, Add</i>		1,490.93	
40 05 19 00-2149	EA	6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,734.52	416.45
		<i>For Class 52 Rating, Deduct</i>		-561.39	
		<i>For Class 54 Rating, Add</i>		773.10	
		<i>For Class 55 Rating, Add</i>		1,153.23	
		<i>For Class 56 Rating, Add</i>		1,528.26	
40 05 19 00-2150	EA	6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,866.33	420.42
		<i>For Class 52 Rating, Deduct</i>		-575.23	
		<i>For Class 54 Rating, Add</i>		792.04	
		<i>For Class 55 Rating, Add</i>		1,181.43	
		<i>For Class 56 Rating, Add</i>		1,565.58	
40 05 19 00-2151	EA	6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,998.14	424.38
		<i>For Class 52 Rating, Deduct</i>		-589.06	
		<i>For Class 54 Rating, Add</i>		810.99	
		<i>For Class 55 Rating, Add</i>		1,209.63	
		<i>For Class 56 Rating, Add</i>		1,602.91	
40 05 19 00-2152	EA	6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,129.94	428.35
		<i>For Class 52 Rating, Deduct</i>		-602.90	
		<i>For Class 54 Rating, Add</i>		829.93	
		<i>For Class 55 Rating, Add</i>		1,237.82	
		<i>For Class 56 Rating, Add</i>		1,640.24	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2153 EA 6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,261.76	432.32
For Class 52 Rating, Deduct	-616.74	
For Class 54 Rating, Add	848.87	
For Class 55 Rating, Add	1,266.02	
For Class 56 Rating, Add	1,677.57	
40 05 19 00-2154 EA 6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,393.57	436.28
For Class 52 Rating, Deduct	-630.58	
For Class 54 Rating, Add	867.81	
For Class 55 Rating, Add	1,294.22	
For Class 56 Rating, Add	1,714.90	
<b>40 05 19 00-2155 8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2074)</b>		
40 05 19 00-2156 EA 8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,928.10	364.89
For Class 52 Rating, Deduct	-151.28	
For Class 54 Rating, Add	212.92	
For Class 55 Rating, Add	319.95	
For Class 56 Rating, Add	425.60	
40 05 19 00-2157 EA 8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,097.09	368.86
For Class 52 Rating, Deduct	-169.20	
For Class 54 Rating, Add	237.44	
For Class 55 Rating, Add	356.43	
For Class 56 Rating, Add	473.89	
40 05 19 00-2158 EA 8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,266.06	372.82
For Class 52 Rating, Deduct	-187.13	
For Class 54 Rating, Add	261.96	
For Class 55 Rating, Add	392.92	
For Class 56 Rating, Add	522.18	
40 05 19 00-2159 EA 8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,435.05	376.79
For Class 52 Rating, Deduct	-205.06	
For Class 54 Rating, Add	286.47	
For Class 55 Rating, Add	429.41	
For Class 56 Rating, Add	570.48	
40 05 19 00-2160 EA 8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,604.02	380.75
For Class 52 Rating, Deduct	-222.98	
For Class 54 Rating, Add	310.99	
For Class 55 Rating, Add	465.89	
For Class 56 Rating, Add	618.77	
40 05 19 00-2161 EA 8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,773.00	384.73
For Class 52 Rating, Deduct	-240.91	
For Class 54 Rating, Add	335.51	
For Class 55 Rating, Add	502.38	
For Class 56 Rating, Add	667.06	
40 05 19 00-2162 EA 8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,941.98	388.69
For Class 52 Rating, Deduct	-258.84	
For Class 54 Rating, Add	360.03	
For Class 55 Rating, Add	538.87	
For Class 56 Rating, Add	715.35	
40 05 19 00-2163 EA 8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,110.96	392.65
For Class 52 Rating, Deduct	-276.76	
For Class 54 Rating, Add	384.54	
For Class 55 Rating, Add	575.35	
For Class 56 Rating, Add	763.65	
40 05 19 00-2164 EA 8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,279.94	396.63
For Class 52 Rating, Deduct	-294.69	
For Class 54 Rating, Add	409.06	
For Class 55 Rating, Add	611.84	
For Class 56 Rating, Add	811.94	
40 05 19 00-2165 EA 8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,448.92	400.59
For Class 52 Rating, Deduct	-312.62	
For Class 54 Rating, Add	433.58	
For Class 55 Rating, Add	648.33	
For Class 56 Rating, Add	860.23	
40 05 19 00-2166 EA 8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,617.90	404.55
For Class 52 Rating, Deduct	-330.54	
For Class 54 Rating, Add	458.10	
For Class 55 Rating, Add	684.81	
For Class 56 Rating, Add	908.52	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2167	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,786.87	408.52
		<i>For Class 52 Rating, Deduct</i>		-348.47	
		<i>For Class 54 Rating, Add</i>		482.61	
		<i>For Class 55 Rating, Add</i>		721.30	
		<i>For Class 56 Rating, Add</i>		956.81	
40 05 19 00-2168	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,955.85	412.49
		<i>For Class 52 Rating, Deduct</i>		-366.40	
		<i>For Class 54 Rating, Add</i>		507.13	
		<i>For Class 55 Rating, Add</i>		757.78	
		<i>For Class 56 Rating, Add</i>		1,005.11	
40 05 19 00-2169	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,124.83	416.45
		<i>For Class 52 Rating, Deduct</i>		-384.32	
		<i>For Class 54 Rating, Add</i>		531.65	
		<i>For Class 55 Rating, Add</i>		794.27	
		<i>For Class 56 Rating, Add</i>		1,053.40	
40 05 19 00-2170	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,293.81	420.42
		<i>For Class 52 Rating, Deduct</i>		-402.25	
		<i>For Class 54 Rating, Add</i>		556.17	
		<i>For Class 55 Rating, Add</i>		830.76	
		<i>For Class 56 Rating, Add</i>		1,101.69	
40 05 19 00-2171	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,462.79	424.38
		<i>For Class 52 Rating, Deduct</i>		-420.18	
		<i>For Class 54 Rating, Add</i>		580.68	
		<i>For Class 55 Rating, Add</i>		867.24	
		<i>For Class 56 Rating, Add</i>		1,149.98	
40 05 19 00-2172	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,631.76	428.35
		<i>For Class 52 Rating, Deduct</i>		-438.10	
		<i>For Class 54 Rating, Add</i>		605.20	
		<i>For Class 55 Rating, Add</i>		903.73	
		<i>For Class 56 Rating, Add</i>		1,198.28	
40 05 19 00-2173	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,800.75	432.32
		<i>For Class 52 Rating, Deduct</i>		-456.03	
		<i>For Class 54 Rating, Add</i>		629.72	
		<i>For Class 55 Rating, Add</i>		940.22	
		<i>For Class 56 Rating, Add</i>		1,246.57	
40 05 19 00-2174	EA	8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,969.72	436.28
		<i>For Class 52 Rating, Deduct</i>		-473.96	
		<i>For Class 54 Rating, Add</i>		654.24	
		<i>For Class 55 Rating, Add</i>		976.70	
		<i>For Class 56 Rating, Add</i>		1,294.86	
40 05 19 00-2175	EA	8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,138.71	440.25
		<i>For Class 52 Rating, Deduct</i>		-491.88	
		<i>For Class 54 Rating, Add</i>		678.75	
		<i>For Class 55 Rating, Add</i>		1,013.19	
		<i>For Class 56 Rating, Add</i>		1,343.15	
40 05 19 00-2176	EA	8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,307.68	444.22
		<i>For Class 52 Rating, Deduct</i>		-509.81	
		<i>For Class 54 Rating, Add</i>		703.27	
		<i>For Class 55 Rating, Add</i>		1,049.68	
		<i>For Class 56 Rating, Add</i>		1,391.45	
40 05 19 00-2177	EA	8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,476.67	448.18
		<i>For Class 52 Rating, Deduct</i>		-527.74	
		<i>For Class 54 Rating, Add</i>		727.79	
		<i>For Class 55 Rating, Add</i>		1,086.16	
		<i>For Class 56 Rating, Add</i>		1,439.74	
40 05 19 00-2178	EA	8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,645.64	452.15
		<i>For Class 52 Rating, Deduct</i>		-545.66	
		<i>For Class 54 Rating, Add</i>		752.31	
		<i>For Class 55 Rating, Add</i>		1,122.65	
		<i>For Class 56 Rating, Add</i>		1,488.03	
40 05 19 00-2179	EA	8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,814.63	456.12
		<i>For Class 52 Rating, Deduct</i>		-563.59	
		<i>For Class 54 Rating, Add</i>		776.82	
		<i>For Class 55 Rating, Add</i>		1,159.14	
		<i>For Class 56 Rating, Add</i>		1,536.32	
40 05 19 00-2180	EA	8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,983.60	460.08
		<i>For Class 52 Rating, Deduct</i>		-581.52	
		<i>For Class 54 Rating, Add</i>		801.34	
		<i>For Class 55 Rating, Add</i>		1,195.62	
		<i>For Class 56 Rating, Add</i>		1,584.62	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2181	EA			8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,152.58	464.05
				For Class 52 Rating, Deduct	-599.44	
				For Class 54 Rating, Add	825.86	
				For Class 55 Rating, Add	1,232.11	
				For Class 56 Rating, Add	1,632.91	
40 05 19 00-2182	EA			8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,321.56	468.01
				For Class 52 Rating, Deduct	-617.37	
				For Class 54 Rating, Add	850.38	
				For Class 55 Rating, Add	1,268.59	
				For Class 56 Rating, Add	1,681.20	
40 05 19 00-2183	EA			8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,490.54	471.98
				For Class 52 Rating, Deduct	-635.30	
				For Class 54 Rating, Add	874.89	
				For Class 55 Rating, Add	1,305.08	
				For Class 56 Rating, Add	1,729.49	
40 05 19 00-2184	EA			8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,659.52	475.95
				For Class 52 Rating, Deduct	-653.22	
				For Class 54 Rating, Add	899.41	
				For Class 55 Rating, Add	1,341.57	
				For Class 56 Rating, Add	1,777.79	
40 05 19 00-2185	EA			8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,828.50	479.91
				For Class 52 Rating, Deduct	-671.15	
				For Class 54 Rating, Add	923.93	
				For Class 55 Rating, Add	1,378.05	
				For Class 56 Rating, Add	1,826.08	
40 05 19 00-2186	EA			8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,997.48	483.87
				For Class 52 Rating, Deduct	-689.08	
				For Class 54 Rating, Add	948.45	
				For Class 55 Rating, Add	1,414.54	
				For Class 56 Rating, Add	1,874.37	
40 05 19 00-2187	EA			8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,166.46	487.85
				For Class 52 Rating, Deduct	-707.00	
				For Class 54 Rating, Add	972.96	
				For Class 55 Rating, Add	1,451.03	
				For Class 56 Rating, Add	1,922.66	
40 05 19 00-2188	EA			8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,335.44	491.81
				For Class 52 Rating, Deduct	-724.93	
				For Class 54 Rating, Add	997.48	
				For Class 55 Rating, Add	1,487.51	
				For Class 56 Rating, Add	1,970.96	
40 05 19 00-2189	EA			8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,504.42	495.77
				For Class 52 Rating, Deduct	-742.86	
				For Class 54 Rating, Add	1,022.00	
				For Class 55 Rating, Add	1,524.00	
				For Class 56 Rating, Add	2,019.25	
40 05 19 00-2190	EA			8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,673.39	499.74
				For Class 52 Rating, Deduct	-760.78	
				For Class 54 Rating, Add	1,046.52	
				For Class 55 Rating, Add	1,560.49	
				For Class 56 Rating, Add	2,067.54	
40 05 19 00-2191	EA			8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,842.38	503.71
				For Class 52 Rating, Deduct	-778.71	
				For Class 54 Rating, Add	1,071.04	
				For Class 55 Rating, Add	1,596.97	
				For Class 56 Rating, Add	2,115.83	
40 05 19 00-2192	EA			8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,011.35	507.68
				For Class 52 Rating, Deduct	-796.64	
				For Class 54 Rating, Add	1,095.55	
				For Class 55 Rating, Add	1,633.46	
				For Class 56 Rating, Add	2,164.13	
40 05 19 00-2193	EA			8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,180.34	511.64
				For Class 52 Rating, Deduct	-814.56	
				For Class 54 Rating, Add	1,120.07	
				For Class 55 Rating, Add	1,669.95	
				For Class 56 Rating, Add	2,212.42	
40 05 19 00-2194	EA			8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,349.31	515.60
				For Class 52 Rating, Deduct	-832.49	
				For Class 54 Rating, Add	1,144.59	
				For Class 55 Rating, Add	1,706.43	
				For Class 56 Rating, Add	2,260.71	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe


 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

40 05 19 00-2195	10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2074)</small>		
40 05 19 00-2196	EA 10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,434.27	444.22
	For Class 52 Rating, Deduct	-193.73	
	For Class 54 Rating, Add	272.26	
	For Class 55 Rating, Add	408.91	
	For Class 56 Rating, Add	543.79	
40 05 19 00-2197	EA 10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,651.86	448.18
	For Class 52 Rating, Deduct	-217.01	
	For Class 54 Rating, Add	304.07	
	For Class 55 Rating, Add	456.23	
	For Class 56 Rating, Add	606.42	
40 05 19 00-2198	EA 10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,869.44	452.15
	For Class 52 Rating, Deduct	-240.28	
	For Class 54 Rating, Add	335.88	
	For Class 55 Rating, Add	503.56	
	For Class 56 Rating, Add	669.05	
40 05 19 00-2199	EA 10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,087.03	456.12
	For Class 52 Rating, Deduct	-263.55	
	For Class 54 Rating, Add	367.68	
	For Class 55 Rating, Add	550.88	
	For Class 56 Rating, Add	731.68	
40 05 19 00-2200	EA 10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,304.61	460.08
	For Class 52 Rating, Deduct	-286.83	
	For Class 54 Rating, Add	399.49	
	For Class 55 Rating, Add	598.21	
	For Class 56 Rating, Add	794.31	
40 05 19 00-2201	EA 10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,522.19	464.05
	For Class 52 Rating, Deduct	-310.10	
	For Class 54 Rating, Add	431.30	
	For Class 55 Rating, Add	645.53	
	For Class 56 Rating, Add	856.94	
40 05 19 00-2202	EA 10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,739.78	468.01
	For Class 52 Rating, Deduct	-333.37	
	For Class 54 Rating, Add	463.11	
	For Class 55 Rating, Add	692.86	
	For Class 56 Rating, Add	919.58	
40 05 19 00-2203	EA 10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,957.36	471.98
	For Class 52 Rating, Deduct	-356.65	
	For Class 54 Rating, Add	494.92	
	For Class 55 Rating, Add	740.18	
	For Class 56 Rating, Add	982.21	
40 05 19 00-2204	EA 10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,174.95	475.95
	For Class 52 Rating, Deduct	-379.92	
	For Class 54 Rating, Add	526.73	
	For Class 55 Rating, Add	787.51	
	For Class 56 Rating, Add	1,044.84	
40 05 19 00-2205	EA 10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,392.53	479.91
	For Class 52 Rating, Deduct	-403.19	
	For Class 54 Rating, Add	558.53	
	For Class 55 Rating, Add	834.83	
	For Class 56 Rating, Add	1,107.47	
40 05 19 00-2206	EA 10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,610.12	483.87
	For Class 52 Rating, Deduct	-426.47	
	For Class 54 Rating, Add	590.34	
	For Class 55 Rating, Add	882.16	
	For Class 56 Rating, Add	1,170.10	
40 05 19 00-2207	EA 10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,827.70	487.85
	For Class 52 Rating, Deduct	-449.74	
	For Class 54 Rating, Add	622.15	
	For Class 55 Rating, Add	929.48	
	For Class 56 Rating, Add	1,232.73	
40 05 19 00-2208	EA 10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,045.29	491.81
	For Class 52 Rating, Deduct	-473.01	
	For Class 54 Rating, Add	653.96	
	For Class 55 Rating, Add	976.81	
	For Class 56 Rating, Add	1,295.36	
40 05 19 00-2209	EA 10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,262.87	495.77
	For Class 52 Rating, Deduct	-496.29	
	For Class 54 Rating, Add	685.77	
	For Class 55 Rating, Add	1,024.14	
	For Class 56 Rating, Add	1,357.99	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2210	EA			10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,480.45	499.74
				<i>For Class 52 Rating, Deduct</i>	-519.56	
				<i>For Class 54 Rating, Add</i>	717.58	
				<i>For Class 55 Rating, Add</i>	1,071.46	
				<i>For Class 56 Rating, Add</i>	1,420.62	
40 05 19 00-2211	EA			10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,698.04	503.71
				<i>For Class 52 Rating, Deduct</i>	-542.83	
				<i>For Class 54 Rating, Add</i>	749.38	
				<i>For Class 55 Rating, Add</i>	1,118.79	
				<i>For Class 56 Rating, Add</i>	1,483.25	
40 05 19 00-2212	EA			10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,915.62	507.68
				<i>For Class 52 Rating, Deduct</i>	-566.11	
				<i>For Class 54 Rating, Add</i>	781.19	
				<i>For Class 55 Rating, Add</i>	1,166.11	
				<i>For Class 56 Rating, Add</i>	1,545.89	
40 05 19 00-2213	EA			10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,133.21	511.64
				<i>For Class 52 Rating, Deduct</i>	-589.38	
				<i>For Class 54 Rating, Add</i>	813.00	
				<i>For Class 55 Rating, Add</i>	1,213.44	
				<i>For Class 56 Rating, Add</i>	1,608.51	
40 05 19 00-2214	EA			10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,350.79	515.60
				<i>For Class 52 Rating, Deduct</i>	-612.65	
				<i>For Class 54 Rating, Add</i>	844.81	
				<i>For Class 55 Rating, Add</i>	1,260.76	
				<i>For Class 56 Rating, Add</i>	1,671.15	
40 05 19 00-2215	EA			10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,568.38	519.58
				<i>For Class 52 Rating, Deduct</i>	-635.93	
				<i>For Class 54 Rating, Add</i>	876.62	
				<i>For Class 55 Rating, Add</i>	1,308.09	
				<i>For Class 56 Rating, Add</i>	1,733.78	
40 05 19 00-2216	EA			10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,785.96	523.54
				<i>For Class 52 Rating, Deduct</i>	-659.20	
				<i>For Class 54 Rating, Add</i>	908.43	
				<i>For Class 55 Rating, Add</i>	1,355.41	
				<i>For Class 56 Rating, Add</i>	1,796.41	
40 05 19 00-2217	EA			10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,003.55	527.50
				<i>For Class 52 Rating, Deduct</i>	-682.47	
				<i>For Class 54 Rating, Add</i>	940.23	
				<i>For Class 55 Rating, Add</i>	1,402.74	
				<i>For Class 56 Rating, Add</i>	1,859.04	
40 05 19 00-2218	EA			10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,221.13	531.48
				<i>For Class 52 Rating, Deduct</i>	-705.75	
				<i>For Class 54 Rating, Add</i>	972.04	
				<i>For Class 55 Rating, Add</i>	1,450.07	
				<i>For Class 56 Rating, Add</i>	1,921.67	
40 05 19 00-2219	EA			10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,438.72	535.44
				<i>For Class 52 Rating, Deduct</i>	-729.02	
				<i>For Class 54 Rating, Add</i>	1,003.85	
				<i>For Class 55 Rating, Add</i>	1,497.39	
				<i>For Class 56 Rating, Add</i>	1,984.30	
40 05 19 00-2220	EA			10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,656.30	539.40
				<i>For Class 52 Rating, Deduct</i>	-752.29	
				<i>For Class 54 Rating, Add</i>	1,035.66	
				<i>For Class 55 Rating, Add</i>	1,544.72	
				<i>For Class 56 Rating, Add</i>	2,046.93	
40 05 19 00-2221	EA			10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,873.88	543.37
				<i>For Class 52 Rating, Deduct</i>	-775.56	
				<i>For Class 54 Rating, Add</i>	1,067.47	
				<i>For Class 55 Rating, Add</i>	1,592.04	
				<i>For Class 56 Rating, Add</i>	2,109.56	
40 05 19 00-2222	EA			10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,091.46	547.34
				<i>For Class 52 Rating, Deduct</i>	-798.84	
				<i>For Class 54 Rating, Add</i>	1,099.28	
				<i>For Class 55 Rating, Add</i>	1,639.36	
				<i>For Class 56 Rating, Add</i>	2,172.19	
40 05 19 00-2223	EA			10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,309.05	551.30
				<i>For Class 52 Rating, Deduct</i>	-822.11	
				<i>For Class 54 Rating, Add</i>	1,131.08	
				<i>For Class 55 Rating, Add</i>	1,686.69	
				<i>For Class 56 Rating, Add</i>	2,234.82	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2224	EA	10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,526.63	555.27
		<i>For Class 52 Rating, Deduct</i>		-845.38	
		<i>For Class 54 Rating, Add</i>		1,162.89	
		<i>For Class 55 Rating, Add</i>		1,734.02	
		<i>For Class 56 Rating, Add</i>		2,297.45	
40 05 19 00-2225	EA	10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,744.21	559.23
		<i>For Class 52 Rating, Deduct</i>		-868.66	
		<i>For Class 54 Rating, Add</i>		1,194.70	
		<i>For Class 55 Rating, Add</i>		1,781.34	
		<i>For Class 56 Rating, Add</i>		2,360.09	
40 05 19 00-2226	EA	10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,961.80	563.21
		<i>For Class 52 Rating, Deduct</i>		-891.93	
		<i>For Class 54 Rating, Add</i>		1,226.51	
		<i>For Class 55 Rating, Add</i>		1,828.67	
		<i>For Class 56 Rating, Add</i>		2,422.72	
40 05 19 00-2227	EA	10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,179.38	567.17
		<i>For Class 52 Rating, Deduct</i>		-915.20	
		<i>For Class 54 Rating, Add</i>		1,258.32	
		<i>For Class 55 Rating, Add</i>		1,875.99	
		<i>For Class 56 Rating, Add</i>		2,485.35	
40 05 19 00-2228	EA	10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,396.97	571.13
		<i>For Class 52 Rating, Deduct</i>		-938.48	
		<i>For Class 54 Rating, Add</i>		1,290.13	
		<i>For Class 55 Rating, Add</i>		1,923.32	
		<i>For Class 56 Rating, Add</i>		2,547.98	
40 05 19 00-2229	EA	10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,614.55	575.10
		<i>For Class 52 Rating, Deduct</i>		-961.75	
		<i>For Class 54 Rating, Add</i>		1,321.93	
		<i>For Class 55 Rating, Add</i>		1,970.64	
		<i>For Class 56 Rating, Add</i>		2,610.61	
40 05 19 00-2230	EA	10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,832.13	579.07
		<i>For Class 52 Rating, Deduct</i>		-985.02	
		<i>For Class 54 Rating, Add</i>		1,353.74	
		<i>For Class 55 Rating, Add</i>		2,017.97	
		<i>For Class 56 Rating, Add</i>		2,673.24	
40 05 19 00-2231	EA	10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,049.72	583.03
		<i>For Class 52 Rating, Deduct</i>		-1,008.30	
		<i>For Class 54 Rating, Add</i>		1,385.55	
		<i>For Class 55 Rating, Add</i>		2,065.29	
		<i>For Class 56 Rating, Add</i>		2,735.87	
40 05 19 00-2232	EA	10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,267.30	587.00
		<i>For Class 52 Rating, Deduct</i>		-1,031.57	
		<i>For Class 54 Rating, Add</i>		1,417.36	
		<i>For Class 55 Rating, Add</i>		2,112.62	
		<i>For Class 56 Rating, Add</i>		2,798.50	
40 05 19 00-2233	EA	10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,484.89	590.97
		<i>For Class 52 Rating, Deduct</i>		-1,054.84	
		<i>For Class 54 Rating, Add</i>		1,449.17	
		<i>For Class 55 Rating, Add</i>		2,159.95	
		<i>For Class 56 Rating, Add</i>		2,861.13	
40 05 19 00-2234	EA	10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,702.47	594.93
		<i>For Class 52 Rating, Deduct</i>		-1,078.12	
		<i>For Class 54 Rating, Add</i>		1,480.98	
		<i>For Class 55 Rating, Add</i>		2,207.27	
		<i>For Class 56 Rating, Add</i>		2,923.76	

40 05 19 00-2235 12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2074)

40 05 19 00-2236	EA	12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,185.80	555.27
		<i>For Class 52 Rating, Deduct</i>		-257.89	
		<i>For Class 54 Rating, Add</i>		361.77	
		<i>For Class 55 Rating, Add</i>		543.01	
		<i>For Class 56 Rating, Add</i>		721.91	
40 05 19 00-2237	EA	12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,454.84	559.23
		<i>For Class 52 Rating, Deduct</i>		-286.83	
		<i>For Class 54 Rating, Add</i>		401.30	
		<i>For Class 55 Rating, Add</i>		601.81	
		<i>For Class 56 Rating, Add</i>		799.72	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2238 EA 12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,723.90	563.21
<i>For Class 52 Rating, Deduct</i>	-315.76	
<i>For Class 54 Rating, Add</i>	440.82	
<i>For Class 55 Rating, Add</i>	660.62	
<i>For Class 56 Rating, Add</i>	877.54	
40 05 19 00-2239 EA 12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,992.94	567.17
<i>For Class 52 Rating, Deduct</i>	-344.70	
<i>For Class 54 Rating, Add</i>	480.35	
<i>For Class 55 Rating, Add</i>	719.42	
<i>For Class 56 Rating, Add</i>	955.35	
40 05 19 00-2240 EA 12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,261.99	571.13
<i>For Class 52 Rating, Deduct</i>	-373.63	
<i>For Class 54 Rating, Add</i>	519.88	
<i>For Class 55 Rating, Add</i>	778.22	
<i>For Class 56 Rating, Add</i>	1,033.16	
40 05 19 00-2241 EA 12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,531.03	575.10
<i>For Class 52 Rating, Deduct</i>	-402.56	
<i>For Class 54 Rating, Add</i>	559.41	
<i>For Class 55 Rating, Add</i>	837.02	
<i>For Class 56 Rating, Add</i>	1,110.97	
40 05 19 00-2242 EA 12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,800.08	579.07
<i>For Class 52 Rating, Deduct</i>	-431.50	
<i>For Class 54 Rating, Add</i>	598.93	
<i>For Class 55 Rating, Add</i>	895.82	
<i>For Class 56 Rating, Add</i>	1,188.78	
40 05 19 00-2243 EA 12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,069.13	583.03
<i>For Class 52 Rating, Deduct</i>	-460.43	
<i>For Class 54 Rating, Add</i>	638.46	
<i>For Class 55 Rating, Add</i>	954.62	
<i>For Class 56 Rating, Add</i>	1,266.60	
40 05 19 00-2244 EA 12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,338.18	587.00
<i>For Class 52 Rating, Deduct</i>	-489.37	
<i>For Class 54 Rating, Add</i>	677.99	
<i>For Class 55 Rating, Add</i>	1,013.43	
<i>For Class 56 Rating, Add</i>	1,344.41	
40 05 19 00-2245 EA 12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,607.23	590.97
<i>For Class 52 Rating, Deduct</i>	-518.30	
<i>For Class 54 Rating, Add</i>	717.52	
<i>For Class 55 Rating, Add</i>	1,072.23	
<i>For Class 56 Rating, Add</i>	1,422.22	
40 05 19 00-2246 EA 12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,876.28	594.93
<i>For Class 52 Rating, Deduct</i>	-547.24	
<i>For Class 54 Rating, Add</i>	757.05	
<i>For Class 55 Rating, Add</i>	1,131.03	
<i>For Class 56 Rating, Add</i>	1,500.04	
40 05 19 00-2247 EA 12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,145.33	598.90
<i>For Class 52 Rating, Deduct</i>	-576.17	
<i>For Class 54 Rating, Add</i>	796.58	
<i>For Class 55 Rating, Add</i>	1,189.83	
<i>For Class 56 Rating, Add</i>	1,577.85	
40 05 19 00-2248 EA 12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,414.38	602.86
<i>For Class 52 Rating, Deduct</i>	-605.10	
<i>For Class 54 Rating, Add</i>	836.10	
<i>For Class 55 Rating, Add</i>	1,248.63	
<i>For Class 56 Rating, Add</i>	1,655.66	
40 05 19 00-2249 EA 12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,683.43	606.83
<i>For Class 52 Rating, Deduct</i>	-634.04	
<i>For Class 54 Rating, Add</i>	875.63	
<i>For Class 55 Rating, Add</i>	1,307.44	
<i>For Class 56 Rating, Add</i>	1,733.48	
40 05 19 00-2250 EA 12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,952.47	610.80
<i>For Class 52 Rating, Deduct</i>	-662.97	
<i>For Class 54 Rating, Add</i>	915.16	
<i>For Class 55 Rating, Add</i>	1,366.24	
<i>For Class 56 Rating, Add</i>	1,811.29	
40 05 19 00-2251 EA 12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,221.51	614.76
<i>For Class 52 Rating, Deduct</i>	-691.91	
<i>For Class 54 Rating, Add</i>	954.69	
<i>For Class 55 Rating, Add</i>	1,425.04	
<i>For Class 56 Rating, Add</i>	1,889.10	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2252	EA	12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,490.57	618.73
		<i>For Class 52 Rating, Deduct</i>		-720.84	
		<i>For Class 54 Rating, Add</i>		994.21	
		<i>For Class 55 Rating, Add</i>		1,483.84	
		<i>For Class 56 Rating, Add</i>		1,966.91	
40 05 19 00-2253	EA	12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,759.61	622.70
		<i>For Class 52 Rating, Deduct</i>		-749.78	
		<i>For Class 54 Rating, Add</i>		1,033.74	
		<i>For Class 55 Rating, Add</i>		1,542.64	
		<i>For Class 56 Rating, Add</i>		2,044.73	
40 05 19 00-2254	EA	12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,028.67	626.66
		<i>For Class 52 Rating, Deduct</i>		-778.71	
		<i>For Class 54 Rating, Add</i>		1,073.27	
		<i>For Class 55 Rating, Add</i>		1,601.44	
		<i>For Class 56 Rating, Add</i>		2,122.54	
40 05 19 00-2255	EA	12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,297.71	630.63
		<i>For Class 52 Rating, Deduct</i>		-807.64	
		<i>For Class 54 Rating, Add</i>		1,112.80	
		<i>For Class 55 Rating, Add</i>		1,660.25	
		<i>For Class 56 Rating, Add</i>		2,200.35	
40 05 19 00-2256	EA	12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,566.77	634.59
		<i>For Class 52 Rating, Deduct</i>		-836.58	
		<i>For Class 54 Rating, Add</i>		1,152.33	
		<i>For Class 55 Rating, Add</i>		1,719.05	
		<i>For Class 56 Rating, Add</i>		2,278.17	
40 05 19 00-2257	EA	12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,835.81	638.56
		<i>For Class 52 Rating, Deduct</i>		-865.51	
		<i>For Class 54 Rating, Add</i>		1,191.86	
		<i>For Class 55 Rating, Add</i>		1,777.85	
		<i>For Class 56 Rating, Add</i>		2,355.98	
40 05 19 00-2258	EA	12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,104.87	642.53
		<i>For Class 52 Rating, Deduct</i>		-894.45	
		<i>For Class 54 Rating, Add</i>		1,231.38	
		<i>For Class 55 Rating, Add</i>		1,836.65	
		<i>For Class 56 Rating, Add</i>		2,433.79	
40 05 19 00-2259	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,373.91	646.49
		<i>For Class 52 Rating, Deduct</i>		-923.38	
		<i>For Class 54 Rating, Add</i>		1,270.91	
		<i>For Class 55 Rating, Add</i>		1,895.46	
		<i>For Class 56 Rating, Add</i>		2,511.61	
40 05 19 00-2260	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,640.11	650.46
		<i>For Class 52 Rating, Deduct</i>		-952.00	
		<i>For Class 54 Rating, Add</i>		1,310.01	
		<i>For Class 55 Rating, Add</i>		1,953.62	
		<i>For Class 56 Rating, Add</i>		2,588.58	
40 05 19 00-2261	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,912.00	654.43
		<i>For Class 52 Rating, Deduct</i>		-981.25	
		<i>For Class 54 Rating, Add</i>		1,349.97	
		<i>For Class 55 Rating, Add</i>		2,013.06	
		<i>For Class 56 Rating, Add</i>		2,667.23	
40 05 19 00-2262	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,181.05	658.39
		<i>For Class 52 Rating, Deduct</i>		-1,010.18	
		<i>For Class 54 Rating, Add</i>		1,389.49	
		<i>For Class 55 Rating, Add</i>		2,071.86	
		<i>For Class 56 Rating, Add</i>		2,745.04	
40 05 19 00-2263	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,450.10	662.35
		<i>For Class 52 Rating, Deduct</i>		-1,039.12	
		<i>For Class 54 Rating, Add</i>		1,429.02	
		<i>For Class 55 Rating, Add</i>		2,130.66	
		<i>For Class 56 Rating, Add</i>		2,822.85	
40 05 19 00-2264	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,719.15	666.33
		<i>For Class 52 Rating, Deduct</i>		-1,068.05	
		<i>For Class 54 Rating, Add</i>		1,468.55	
		<i>For Class 55 Rating, Add</i>		2,189.46	
		<i>For Class 56 Rating, Add</i>		2,900.67	
40 05 19 00-2265	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,988.20	670.29
		<i>For Class 52 Rating, Deduct</i>		-1,096.99	
		<i>For Class 54 Rating, Add</i>		1,508.08	
		<i>For Class 55 Rating, Add</i>		2,248.27	
		<i>For Class 56 Rating, Add</i>		2,978.48	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2266 EA 12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,257.25	674.26
For Class 52 Rating, Deduct	-1,125.92	
For Class 54 Rating, Add	1,547.61	
For Class 55 Rating, Add	2,307.07	
For Class 56 Rating, Add	3,056.29	
40 05 19 00-2267 EA 12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,526.30	678.22
For Class 52 Rating, Deduct	-1,154.86	
For Class 54 Rating, Add	1,587.13	
For Class 55 Rating, Add	2,365.87	
For Class 56 Rating, Add	3,134.11	
40 05 19 00-2268 EA 12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,795.35	682.19
For Class 52 Rating, Deduct	-1,183.79	
For Class 54 Rating, Add	1,626.66	
For Class 55 Rating, Add	2,424.67	
For Class 56 Rating, Add	3,211.92	
40 05 19 00-2269 EA 12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,064.40	686.16
For Class 52 Rating, Deduct	-1,212.72	
For Class 54 Rating, Add	1,666.19	
For Class 55 Rating, Add	2,483.47	
For Class 56 Rating, Add	3,289.73	
40 05 19 00-2270 EA 12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,333.45	690.12
For Class 52 Rating, Deduct	-1,241.66	
For Class 54 Rating, Add	1,705.72	
For Class 55 Rating, Add	2,542.28	
For Class 56 Rating, Add	3,367.55	
40 05 19 00-2271 EA 12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,602.48	694.08
For Class 52 Rating, Deduct	-1,270.59	
For Class 54 Rating, Add	1,745.25	
For Class 55 Rating, Add	2,601.08	
For Class 56 Rating, Add	3,445.36	
40 05 19 00-2272 EA 12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,871.54	698.06
For Class 52 Rating, Deduct	-1,299.53	
For Class 54 Rating, Add	1,784.77	
For Class 55 Rating, Add	2,659.88	
For Class 56 Rating, Add	3,523.17	
40 05 19 00-2273 EA 12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,140.58	702.02
For Class 52 Rating, Deduct	-1,328.46	
For Class 54 Rating, Add	1,824.30	
For Class 55 Rating, Add	2,718.68	
For Class 56 Rating, Add	3,600.98	
40 05 19 00-2274 EA 12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,409.64	705.98
For Class 52 Rating, Deduct	-1,357.40	
For Class 54 Rating, Add	1,863.83	
For Class 55 Rating, Add	2,777.48	
For Class 56 Rating, Add	3,678.80	

**40 05 19 00-2275 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** (40 05 19 00-2074)

40 05 19 00-2276 EA 14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,271.84	666.33
For Class 52 Rating, Deduct	-358.85	
For Class 54 Rating, Add	501.45	
For Class 55 Rating, Add	751.71	
For Class 56 Rating, Add	998.71	
40 05 19 00-2277 EA 14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,598.07	670.29
For Class 52 Rating, Deduct	-394.07	
For Class 54 Rating, Add	549.56	
For Class 55 Rating, Add	823.27	
For Class 56 Rating, Add	1,093.39	
40 05 19 00-2278 EA 14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,924.30	674.26
For Class 52 Rating, Deduct	-429.30	
For Class 54 Rating, Add	597.66	
For Class 55 Rating, Add	894.82	
For Class 56 Rating, Add	1,188.07	
40 05 19 00-2279 EA 14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,250.53	678.22
For Class 52 Rating, Deduct	-464.52	
For Class 54 Rating, Add	645.77	
For Class 55 Rating, Add	966.37	
For Class 56 Rating, Add	1,282.76	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2280	EA	14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,576.76	682.19
		<i>For Class 52 Rating, Deduct</i>		-499.75	
		<i>For Class 54 Rating, Add</i>		693.87	
		<i>For Class 55 Rating, Add</i>		1,037.93	
		<i>For Class 56 Rating, Add</i>		1,377.44	
40 05 19 00-2281	EA	14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,902.99	686.16
		<i>For Class 52 Rating, Deduct</i>		-534.97	
		<i>For Class 54 Rating, Add</i>		741.98	
		<i>For Class 55 Rating, Add</i>		1,109.48	
		<i>For Class 56 Rating, Add</i>		1,472.12	
40 05 19 00-2282	EA	14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,229.22	690.12
		<i>For Class 52 Rating, Deduct</i>		-570.19	
		<i>For Class 54 Rating, Add</i>		790.08	
		<i>For Class 55 Rating, Add</i>		1,181.03	
		<i>For Class 56 Rating, Add</i>		1,566.80	
40 05 19 00-2283	EA	14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,555.45	694.08
		<i>For Class 52 Rating, Deduct</i>		-605.42	
		<i>For Class 54 Rating, Add</i>		838.19	
		<i>For Class 55 Rating, Add</i>		1,252.59	
		<i>For Class 56 Rating, Add</i>		1,661.48	
40 05 19 00-2284	EA	14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,881.69	698.06
		<i>For Class 52 Rating, Deduct</i>		-640.64	
		<i>For Class 54 Rating, Add</i>		886.30	
		<i>For Class 55 Rating, Add</i>		1,324.14	
		<i>For Class 56 Rating, Add</i>		1,756.16	
40 05 19 00-2285	EA	14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,207.91	702.02
		<i>For Class 52 Rating, Deduct</i>		-675.87	
		<i>For Class 54 Rating, Add</i>		934.40	
		<i>For Class 55 Rating, Add</i>		1,395.70	
		<i>For Class 56 Rating, Add</i>		1,850.85	
40 05 19 00-2286	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,534.15	705.98
		<i>For Class 52 Rating, Deduct</i>		-711.09	
		<i>For Class 54 Rating, Add</i>		982.51	
		<i>For Class 55 Rating, Add</i>		1,467.25	
		<i>For Class 56 Rating, Add</i>		1,945.53	
40 05 19 00-2287	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,860.37	709.95
		<i>For Class 52 Rating, Deduct</i>		-746.32	
		<i>For Class 54 Rating, Add</i>		1,030.61	
		<i>For Class 55 Rating, Add</i>		1,538.80	
		<i>For Class 56 Rating, Add</i>		2,040.21	
40 05 19 00-2288	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,186.61	713.92
		<i>For Class 52 Rating, Deduct</i>		-781.54	
		<i>For Class 54 Rating, Add</i>		1,078.72	
		<i>For Class 55 Rating, Add</i>		1,610.36	
		<i>For Class 56 Rating, Add</i>		2,134.89	
40 05 19 00-2289	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,512.83	717.88
		<i>For Class 52 Rating, Deduct</i>		-816.76	
		<i>For Class 54 Rating, Add</i>		1,126.82	
		<i>For Class 55 Rating, Add</i>		1,681.91	
		<i>For Class 56 Rating, Add</i>		2,229.57	
40 05 19 00-2290	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,839.08	721.85
		<i>For Class 52 Rating, Deduct</i>		-851.99	
		<i>For Class 54 Rating, Add</i>		1,174.93	
		<i>For Class 55 Rating, Add</i>		1,753.46	
		<i>For Class 56 Rating, Add</i>		2,324.26	
40 05 19 00-2291	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,165.30	725.82
		<i>For Class 52 Rating, Deduct</i>		-887.21	
		<i>For Class 54 Rating, Add</i>		1,223.03	
		<i>For Class 55 Rating, Add</i>		1,825.02	
		<i>For Class 56 Rating, Add</i>		2,418.94	
40 05 19 00-2292	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,491.53	729.78
		<i>For Class 52 Rating, Deduct</i>		-922.44	
		<i>For Class 54 Rating, Add</i>		1,271.14	
		<i>For Class 55 Rating, Add</i>		1,896.57	
		<i>For Class 56 Rating, Add</i>		2,513.62	
40 05 19 00-2293	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,817.76	733.75
		<i>For Class 52 Rating, Deduct</i>		-957.66	
		<i>For Class 54 Rating, Add</i>		1,319.24	
		<i>For Class 55 Rating, Add</i>		1,968.12	
		<i>For Class 56 Rating, Add</i>		2,608.30	





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Ductile Iron Process Pipe	40 05 19

40

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2294 EA 14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,143.99	737.71
<i>For Class 52 Rating, Deduct</i>	-992.89	
<i>For Class 54 Rating, Add</i>	1,367.35	
<i>For Class 55 Rating, Add</i>	2,039.68	
<i>For Class 56 Rating, Add</i>	2,702.98	
40 05 19 00-2295 EA 14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,470.22	741.69
<i>For Class 52 Rating, Deduct</i>	-1,028.11	
<i>For Class 54 Rating, Add</i>	1,415.45	
<i>For Class 55 Rating, Add</i>	2,111.23	
<i>For Class 56 Rating, Add</i>	2,797.66	
40 05 19 00-2296 EA 14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,796.45	745.65
<i>For Class 52 Rating, Deduct</i>	-1,063.33	
<i>For Class 54 Rating, Add</i>	1,463.56	
<i>For Class 55 Rating, Add</i>	2,182.78	
<i>For Class 56 Rating, Add</i>	2,892.34	
40 05 19 00-2297 EA 14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,122.69	749.61
<i>For Class 52 Rating, Deduct</i>	-1,098.56	
<i>For Class 54 Rating, Add</i>	1,511.67	
<i>For Class 55 Rating, Add</i>	2,254.34	
<i>For Class 56 Rating, Add</i>	2,987.03	
40 05 19 00-2298 EA 14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,448.92	753.58
<i>For Class 52 Rating, Deduct</i>	-1,133.78	
<i>For Class 54 Rating, Add</i>	1,559.77	
<i>For Class 55 Rating, Add</i>	2,325.89	
<i>For Class 56 Rating, Add</i>	3,081.71	
40 05 19 00-2299 EA 14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,775.15	757.55
<i>For Class 52 Rating, Deduct</i>	-1,169.01	
<i>For Class 54 Rating, Add</i>	1,607.88	
<i>For Class 55 Rating, Add</i>	2,397.45	
<i>For Class 56 Rating, Add</i>	3,176.39	
40 05 19 00-2300 EA 14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,101.38	761.51
<i>For Class 52 Rating, Deduct</i>	-1,204.23	
<i>For Class 54 Rating, Add</i>	1,655.98	
<i>For Class 55 Rating, Add</i>	2,469.00	
<i>For Class 56 Rating, Add</i>	3,271.07	
40 05 19 00-2301 EA 14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,427.61	765.48
<i>For Class 52 Rating, Deduct</i>	-1,239.46	
<i>For Class 54 Rating, Add</i>	1,704.09	
<i>For Class 55 Rating, Add</i>	2,540.55	
<i>For Class 56 Rating, Add</i>	3,365.75	
40 05 19 00-2302 EA 14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,753.84	769.44
<i>For Class 52 Rating, Deduct</i>	-1,274.68	
<i>For Class 54 Rating, Add</i>	1,752.19	
<i>For Class 55 Rating, Add</i>	2,612.11	
<i>For Class 56 Rating, Add</i>	3,460.43	
40 05 19 00-2303 EA 14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,080.06	773.41
<i>For Class 52 Rating, Deduct</i>	-1,309.91	
<i>For Class 54 Rating, Add</i>	1,800.30	
<i>For Class 55 Rating, Add</i>	2,683.66	
<i>For Class 56 Rating, Add</i>	3,555.11	
40 05 19 00-2304 EA 14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,406.31	777.38
<i>For Class 52 Rating, Deduct</i>	-1,345.13	
<i>For Class 54 Rating, Add</i>	1,848.40	
<i>For Class 55 Rating, Add</i>	2,755.21	
<i>For Class 56 Rating, Add</i>	3,649.80	
40 05 19 00-2305 EA 14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,732.53	781.34
<i>For Class 52 Rating, Deduct</i>	-1,380.35	
<i>For Class 54 Rating, Add</i>	1,896.51	
<i>For Class 55 Rating, Add</i>	2,826.77	
<i>For Class 56 Rating, Add</i>	3,744.48	
40 05 19 00-2306 EA 14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,058.77	785.31
<i>For Class 52 Rating, Deduct</i>	-1,415.58	
<i>For Class 54 Rating, Add</i>	1,944.61	
<i>For Class 55 Rating, Add</i>	2,898.32	
<i>For Class 56 Rating, Add</i>	3,839.16	
40 05 19 00-2307 EA 14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,384.99	789.28
<i>For Class 52 Rating, Deduct</i>	-1,450.80	
<i>For Class 54 Rating, Add</i>	1,992.72	
<i>For Class 55 Rating, Add</i>	2,969.87	
<i>For Class 56 Rating, Add</i>	3,933.84	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2308	EA	14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,711.23	793.24
		<i>For Class 52 Rating, Deduct</i>		-1,486.03	
		<i>For Class 54 Rating, Add</i>		2,040.82	
		<i>For Class 55 Rating, Add</i>		3,041.43	
		<i>For Class 56 Rating, Add</i>		4,028.52	
40 05 19 00-2309	EA	14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,037.45	797.21
		<i>For Class 52 Rating, Deduct</i>		-1,521.25	
		<i>For Class 54 Rating, Add</i>		2,088.93	
		<i>For Class 55 Rating, Add</i>		3,112.98	
		<i>For Class 56 Rating, Add</i>		4,123.20	
40 05 19 00-2310	EA	14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,363.69	801.18
		<i>For Class 52 Rating, Deduct</i>		-1,556.48	
		<i>For Class 54 Rating, Add</i>		2,137.03	
		<i>For Class 55 Rating, Add</i>		3,184.53	
		<i>For Class 56 Rating, Add</i>		4,217.89	
40 05 19 00-2311	EA	14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,689.92	805.14
		<i>For Class 52 Rating, Deduct</i>		-1,591.70	
		<i>For Class 54 Rating, Add</i>		2,185.14	
		<i>For Class 55 Rating, Add</i>		3,256.09	
		<i>For Class 56 Rating, Add</i>		4,312.57	
40 05 19 00-2312	EA	14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		16,016.15	809.11
		<i>For Class 52 Rating, Deduct</i>		-1,626.93	
		<i>For Class 54 Rating, Add</i>		2,233.25	
		<i>For Class 55 Rating, Add</i>		3,327.64	
		<i>For Class 56 Rating, Add</i>		4,407.25	
40 05 19 00-2313	EA	14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		16,342.38	813.07
		<i>For Class 52 Rating, Deduct</i>		-1,662.15	
		<i>For Class 54 Rating, Add</i>		2,281.35	
		<i>For Class 55 Rating, Add</i>		3,399.20	
		<i>For Class 56 Rating, Add</i>		4,501.93	
40 05 19 00-2314		16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2074)</small>			
40 05 19 00-2315	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,013.62	761.51
		<i>For Class 52 Rating, Deduct</i>		-424.58	
		<i>For Class 54 Rating, Add</i>		592.82	
		<i>For Class 55 Rating, Add</i>		888.43	
		<i>For Class 56 Rating, Add</i>		1,180.18	
40 05 19 00-2316	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,391.32	765.48
		<i>For Class 52 Rating, Deduct</i>		-465.47	
		<i>For Class 54 Rating, Add</i>		648.64	
		<i>For Class 55 Rating, Add</i>		971.46	
		<i>For Class 56 Rating, Add</i>		1,290.05	
40 05 19 00-2317	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,769.01	769.44
		<i>For Class 52 Rating, Deduct</i>		-506.35	
		<i>For Class 54 Rating, Add</i>		704.47	
		<i>For Class 55 Rating, Add</i>		1,054.49	
		<i>For Class 56 Rating, Add</i>		1,399.91	
40 05 19 00-2318	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,146.70	773.41
		<i>For Class 52 Rating, Deduct</i>		-547.24	
		<i>For Class 54 Rating, Add</i>		760.29	
		<i>For Class 55 Rating, Add</i>		1,137.52	
		<i>For Class 56 Rating, Add</i>		1,509.77	
40 05 19 00-2319	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,524.40	777.38
		<i>For Class 52 Rating, Deduct</i>		-588.12	
		<i>For Class 54 Rating, Add</i>		816.12	
		<i>For Class 55 Rating, Add</i>		1,220.55	
		<i>For Class 56 Rating, Add</i>		1,619.63	
40 05 19 00-2320	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,902.09	781.34
		<i>For Class 52 Rating, Deduct</i>		-629.01	
		<i>For Class 54 Rating, Add</i>		871.94	
		<i>For Class 55 Rating, Add</i>		1,303.58	
		<i>For Class 56 Rating, Add</i>		1,729.50	
40 05 19 00-2321	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,279.80	785.31
		<i>For Class 52 Rating, Deduct</i>		-669.89	
		<i>For Class 54 Rating, Add</i>		927.77	
		<i>For Class 55 Rating, Add</i>		1,386.61	
		<i>For Class 56 Rating, Add</i>		1,839.36	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2322 EA 16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,657.48	789.28
For Class 52 Rating, Deduct	-710.78	
For Class 54 Rating, Add	983.59	
For Class 55 Rating, Add	1,469.64	
For Class 56 Rating, Add	1,949.23	
40 05 19 00-2323 EA 16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,035.19	793.24
For Class 52 Rating, Deduct	-751.66	
For Class 54 Rating, Add	1,039.42	
For Class 55 Rating, Add	1,552.67	
For Class 56 Rating, Add	2,059.09	
40 05 19 00-2324 EA 16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,412.87	797.21
For Class 52 Rating, Deduct	-792.55	
For Class 54 Rating, Add	1,095.24	
For Class 55 Rating, Add	1,635.70	
For Class 56 Rating, Add	2,168.95	
40 05 19 00-2325 EA 16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,790.58	801.18
For Class 52 Rating, Deduct	-833.43	
For Class 54 Rating, Add	1,151.07	
For Class 55 Rating, Add	1,718.73	
For Class 56 Rating, Add	2,278.82	
40 05 19 00-2326 EA 16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,168.26	805.14
For Class 52 Rating, Deduct	-874.32	
For Class 54 Rating, Add	1,206.89	
For Class 55 Rating, Add	1,801.76	
For Class 56 Rating, Add	2,388.68	
40 05 19 00-2327 EA 16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,545.96	809.11
For Class 52 Rating, Deduct	-915.20	
For Class 54 Rating, Add	1,262.72	
For Class 55 Rating, Add	1,884.79	
For Class 56 Rating, Add	2,498.54	
40 05 19 00-2328 EA 16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,923.65	813.07
For Class 52 Rating, Deduct	-956.09	
For Class 54 Rating, Add	1,318.54	
For Class 55 Rating, Add	1,967.82	
For Class 56 Rating, Add	2,608.41	
40 05 19 00-2329 EA 16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,301.35	817.04
For Class 52 Rating, Deduct	-996.98	
For Class 54 Rating, Add	1,374.37	
For Class 55 Rating, Add	2,050.85	
For Class 56 Rating, Add	2,718.27	
40 05 19 00-2330 EA 16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,679.05	821.01
For Class 52 Rating, Deduct	-1,037.86	
For Class 54 Rating, Add	1,430.19	
For Class 55 Rating, Add	2,133.88	
For Class 56 Rating, Add	2,828.14	
40 05 19 00-2331 EA 16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,056.74	824.97
For Class 52 Rating, Deduct	-1,078.75	
For Class 54 Rating, Add	1,486.02	
For Class 55 Rating, Add	2,216.91	
For Class 56 Rating, Add	2,938.00	
40 05 19 00-2332 EA 16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,434.44	828.93
For Class 52 Rating, Deduct	-1,119.63	
For Class 54 Rating, Add	1,541.84	
For Class 55 Rating, Add	2,299.94	
For Class 56 Rating, Add	3,047.86	
40 05 19 00-2333 EA 16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,812.13	832.91
For Class 52 Rating, Deduct	-1,160.52	
For Class 54 Rating, Add	1,597.67	
For Class 55 Rating, Add	2,382.97	
For Class 56 Rating, Add	3,157.73	
40 05 19 00-2334 EA 16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,189.83	836.87
For Class 52 Rating, Deduct	-1,201.40	
For Class 54 Rating, Add	1,653.49	
For Class 55 Rating, Add	2,466.00	
For Class 56 Rating, Add	3,267.59	
40 05 19 00-2335 EA 16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,567.51	840.83
For Class 52 Rating, Deduct	-1,242.29	
For Class 54 Rating, Add	1,709.32	
For Class 55 Rating, Add	2,549.03	
For Class 56 Rating, Add	3,377.45	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2336	EA	16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		12,945.21	844.81
		<i>For Class 52 Rating, Deduct</i>		-1,263.17	
		<i>For Class 54 Rating, Add</i>		1,765.14	
		<i>For Class 55 Rating, Add</i>		2,632.06	
		<i>For Class 56 Rating, Add</i>		3,487.32	
40 05 19 00-2337	EA	16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,322.91	848.77
		<i>For Class 52 Rating, Deduct</i>		-1,324.06	
		<i>For Class 54 Rating, Add</i>		1,820.97	
		<i>For Class 55 Rating, Add</i>		2,715.09	
		<i>For Class 56 Rating, Add</i>		3,597.18	
40 05 19 00-2338	EA	16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,700.60	852.74
		<i>For Class 52 Rating, Deduct</i>		-1,364.94	
		<i>For Class 54 Rating, Add</i>		1,876.79	
		<i>For Class 55 Rating, Add</i>		2,798.12	
		<i>For Class 56 Rating, Add</i>		3,707.04	
40 05 19 00-2339	EA	16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,078.30	856.70
		<i>For Class 52 Rating, Deduct</i>		-1,405.83	
		<i>For Class 54 Rating, Add</i>		1,932.62	
		<i>For Class 55 Rating, Add</i>		2,881.15	
		<i>For Class 56 Rating, Add</i>		3,816.91	
40 05 19 00-2340	EA	16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,455.99	860.67
		<i>For Class 52 Rating, Deduct</i>		-1,446.71	
		<i>For Class 54 Rating, Add</i>		1,988.44	
		<i>For Class 55 Rating, Add</i>		2,964.18	
		<i>For Class 56 Rating, Add</i>		3,926.77	
40 05 19 00-2341	EA	16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,833.69	864.64
		<i>For Class 52 Rating, Deduct</i>		-1,487.60	
		<i>For Class 54 Rating, Add</i>		2,044.27	
		<i>For Class 55 Rating, Add</i>		3,047.21	
		<i>For Class 56 Rating, Add</i>		4,036.64	
40 05 19 00-2342	EA	16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,211.38	868.60
		<i>For Class 52 Rating, Deduct</i>		-1,528.49	
		<i>For Class 54 Rating, Add</i>		2,100.09	
		<i>For Class 55 Rating, Add</i>		3,130.24	
		<i>For Class 56 Rating, Add</i>		4,146.50	
40 05 19 00-2343	EA	16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,589.08	872.56
		<i>For Class 52 Rating, Deduct</i>		-1,569.37	
		<i>For Class 54 Rating, Add</i>		2,155.92	
		<i>For Class 55 Rating, Add</i>		3,213.27	
		<i>For Class 56 Rating, Add</i>		4,256.36	
40 05 19 00-2344	EA	16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,966.77	876.54
		<i>For Class 52 Rating, Deduct</i>		-1,610.26	
		<i>For Class 54 Rating, Add</i>		2,211.74	
		<i>For Class 55 Rating, Add</i>		3,296.30	
		<i>For Class 56 Rating, Add</i>		4,366.22	
40 05 19 00-2345	EA	16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		16,344.47	880.50
		<i>For Class 52 Rating, Deduct</i>		-1,651.14	
		<i>For Class 54 Rating, Add</i>		2,267.57	
		<i>For Class 55 Rating, Add</i>		3,379.33	
		<i>For Class 56 Rating, Add</i>		4,476.09	
40 05 19 00-2346	EA	16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		16,722.17	884.46
		<i>For Class 52 Rating, Deduct</i>		-1,692.03	
		<i>For Class 54 Rating, Add</i>		2,323.39	
		<i>For Class 55 Rating, Add</i>		3,462.36	
		<i>For Class 56 Rating, Add</i>		4,585.95	
40 05 19 00-2347	EA	16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		17,099.85	888.43
		<i>For Class 52 Rating, Deduct</i>		-1,732.91	
		<i>For Class 54 Rating, Add</i>		2,379.22	
		<i>For Class 55 Rating, Add</i>		3,545.39	
		<i>For Class 56 Rating, Add</i>		4,695.82	
40 05 19 00-2348	EA	16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		17,477.56	892.40
		<i>For Class 52 Rating, Deduct</i>		-1,773.80	
		<i>For Class 54 Rating, Add</i>		2,435.04	
		<i>For Class 55 Rating, Add</i>		3,628.42	
		<i>For Class 56 Rating, Add</i>		4,805.68	
40 05 19 00-2349	EA	16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		17,855.24	896.36
		<i>For Class 52 Rating, Deduct</i>		-1,814.68	
		<i>For Class 54 Rating, Add</i>		2,490.87	
		<i>For Class 55 Rating, Add</i>		3,711.45	
		<i>For Class 56 Rating, Add</i>		4,915.54	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2350 EA 16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,232.95	900.33
For Class 52 Rating, Deduct	-1,855.57	
For Class 54 Rating, Add	2,546.69	
For Class 55 Rating, Add	3,794.48	
For Class 56 Rating, Add	5,025.41	
40 05 19 00-2351 EA 16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,610.63	904.29
For Class 52 Rating, Deduct	-1,896.45	
For Class 54 Rating, Add	2,602.52	
For Class 55 Rating, Add	3,877.51	
For Class 56 Rating, Add	5,135.27	
40 05 19 00-2352 EA 16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,988.34	908.27
For Class 52 Rating, Deduct	-1,937.34	
For Class 54 Rating, Add	2,658.34	
For Class 55 Rating, Add	3,960.54	
For Class 56 Rating, Add	5,245.13	
<b>40 05 19 00-2353 18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b>		
<small>(40 05 19 00-2074)</small>		
40 05 19 00-2354 EA 18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,846.43	858.29
For Class 52 Rating, Deduct	-500.06	
For Class 54 Rating, Add	697.51	
For Class 55 Rating, Add	1,044.97	
For Class 56 Rating, Add	1,387.89	
40 05 19 00-2355 EA 18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,281.32	862.25
For Class 52 Rating, Deduct	-547.24	
For Class 54 Rating, Add	761.91	
For Class 55 Rating, Add	1,140.75	
For Class 56 Rating, Add	1,514.62	
40 05 19 00-2356 EA 18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,716.19	866.23
For Class 52 Rating, Deduct	-594.41	
For Class 54 Rating, Add	826.31	
For Class 55 Rating, Add	1,236.53	
For Class 56 Rating, Add	1,641.35	
40 05 19 00-2357 EA 18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,151.07	870.19
For Class 52 Rating, Deduct	-641.59	
For Class 54 Rating, Add	890.71	
For Class 55 Rating, Add	1,332.31	
For Class 56 Rating, Add	1,768.08	
40 05 19 00-2358 EA 18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,585.94	874.15
For Class 52 Rating, Deduct	-688.76	
For Class 54 Rating, Add	955.11	
For Class 55 Rating, Add	1,428.10	
For Class 56 Rating, Add	1,894.81	
40 05 19 00-2359 EA 18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,020.83	878.12
For Class 52 Rating, Deduct	-735.94	
For Class 54 Rating, Add	1,019.52	
For Class 55 Rating, Add	1,523.88	
For Class 56 Rating, Add	2,021.55	
40 05 19 00-2360 EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,455.70	882.09
For Class 52 Rating, Deduct	-783.11	
For Class 54 Rating, Add	1,083.92	
For Class 55 Rating, Add	1,619.66	
For Class 56 Rating, Add	2,148.28	
40 05 19 00-2361 EA 18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,890.59	886.05
For Class 52 Rating, Deduct	-830.29	
For Class 54 Rating, Add	1,148.32	
For Class 55 Rating, Add	1,715.44	
For Class 56 Rating, Add	2,275.01	
40 05 19 00-2362 EA 18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,325.45	890.02
For Class 52 Rating, Deduct	-877.46	
For Class 54 Rating, Add	1,212.72	
For Class 55 Rating, Add	1,811.22	
For Class 56 Rating, Add	2,401.74	
40 05 19 00-2363 EA 18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,760.33	893.98
For Class 52 Rating, Deduct	-924.64	
For Class 54 Rating, Add	1,277.13	
For Class 55 Rating, Add	1,907.00	
For Class 56 Rating, Add	2,528.48	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2364	EA	18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,195.21	897.95
		<i>For Class 52 Rating, Deduct</i>		-971.81	
		<i>For Class 54 Rating, Add</i>		1,341.53	
		<i>For Class 55 Rating, Add</i>		2,002.79	
		<i>For Class 56 Rating, Add</i>		2,655.21	
40 05 19 00-2365	EA	18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,630.09	901.92
		<i>For Class 52 Rating, Deduct</i>		-1,018.99	
		<i>For Class 54 Rating, Add</i>		1,405.93	
		<i>For Class 55 Rating, Add</i>		2,098.57	
		<i>For Class 56 Rating, Add</i>		2,781.94	
40 05 19 00-2366	EA	18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,064.97	905.88
		<i>For Class 52 Rating, Deduct</i>		-1,066.17	
		<i>For Class 54 Rating, Add</i>		1,470.33	
		<i>For Class 55 Rating, Add</i>		2,194.35	
		<i>For Class 56 Rating, Add</i>		2,908.68	
40 05 19 00-2367	EA	18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,499.84	909.84
		<i>For Class 52 Rating, Deduct</i>		-1,113.34	
		<i>For Class 54 Rating, Add</i>		1,534.73	
		<i>For Class 55 Rating, Add</i>		2,290.13	
		<i>For Class 56 Rating, Add</i>		3,035.41	
40 05 19 00-2368	EA	18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,934.72	913.82
		<i>For Class 52 Rating, Deduct</i>		-1,160.52	
		<i>For Class 54 Rating, Add</i>		1,599.14	
		<i>For Class 55 Rating, Add</i>		2,385.91	
		<i>For Class 56 Rating, Add</i>		3,162.14	
40 05 19 00-2369	EA	18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		12,369.60	917.78
		<i>For Class 52 Rating, Deduct</i>		-1,207.69	
		<i>For Class 54 Rating, Add</i>		1,663.54	
		<i>For Class 55 Rating, Add</i>		2,481.70	
		<i>For Class 56 Rating, Add</i>		3,288.87	
40 05 19 00-2370	EA	18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		12,804.48	921.75
		<i>For Class 52 Rating, Deduct</i>		-1,254.87	
		<i>For Class 54 Rating, Add</i>		1,727.94	
		<i>For Class 55 Rating, Add</i>		2,577.48	
		<i>For Class 56 Rating, Add</i>		3,415.60	
40 05 19 00-2371	EA	18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,239.36	925.72
		<i>For Class 52 Rating, Deduct</i>		-1,302.04	
		<i>For Class 54 Rating, Add</i>		1,792.35	
		<i>For Class 55 Rating, Add</i>		2,673.26	
		<i>For Class 56 Rating, Add</i>		3,542.34	
40 05 19 00-2372	EA	18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,674.23	929.68
		<i>For Class 52 Rating, Deduct</i>		-1,349.22	
		<i>For Class 54 Rating, Add</i>		1,856.75	
		<i>For Class 55 Rating, Add</i>		2,769.04	
		<i>For Class 56 Rating, Add</i>		3,669.07	
40 05 19 00-2373	EA	18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,109.11	933.65
		<i>For Class 52 Rating, Deduct</i>		-1,396.39	
		<i>For Class 54 Rating, Add</i>		1,921.15	
		<i>For Class 55 Rating, Add</i>		2,864.82	
		<i>For Class 56 Rating, Add</i>		3,795.80	
40 05 19 00-2374	EA	18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,543.98	937.61
		<i>For Class 52 Rating, Deduct</i>		-1,443.57	
		<i>For Class 54 Rating, Add</i>		1,985.55	
		<i>For Class 55 Rating, Add</i>		2,960.60	
		<i>For Class 56 Rating, Add</i>		3,922.53	
40 05 19 00-2375	EA	18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,978.87	941.58
		<i>For Class 52 Rating, Deduct</i>		-1,490.75	
		<i>For Class 54 Rating, Add</i>		2,049.95	
		<i>For Class 55 Rating, Add</i>		3,056.39	
		<i>For Class 56 Rating, Add</i>		4,049.27	
40 05 19 00-2376	EA	18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,413.74	945.55
		<i>For Class 52 Rating, Deduct</i>		-1,537.92	
		<i>For Class 54 Rating, Add</i>		2,114.36	
		<i>For Class 55 Rating, Add</i>		3,152.17	
		<i>For Class 56 Rating, Add</i>		4,176.00	
40 05 19 00-2377	EA	18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		15,848.62	949.51
		<i>For Class 52 Rating, Deduct</i>		-1,585.10	
		<i>For Class 54 Rating, Add</i>		2,178.76	
		<i>For Class 55 Rating, Add</i>		3,247.95	
		<i>For Class 56 Rating, Add</i>		4,302.73	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
<b>Ductile Iron Process Pipe</b>	<b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2378 EA 18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,283.49	953.47
<i>For Class 52 Rating, Deduct</i>	-1,632.27	
<i>For Class 54 Rating, Add</i>	2,243.16	
<i>For Class 55 Rating, Add</i>	3,343.73	
<i>For Class 56 Rating, Add</i>	4,429.46	
40 05 19 00-2379 EA 18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,718.38	957.45
<i>For Class 52 Rating, Deduct</i>	-1,679.45	
<i>For Class 54 Rating, Add</i>	2,307.56	
<i>For Class 55 Rating, Add</i>	3,439.51	
<i>For Class 56 Rating, Add</i>	4,556.20	
40 05 19 00-2380 EA 18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,153.25	961.41
<i>For Class 52 Rating, Deduct</i>	-1,726.62	
<i>For Class 54 Rating, Add</i>	2,371.97	
<i>For Class 55 Rating, Add</i>	3,535.30	
<i>For Class 56 Rating, Add</i>	4,682.93	
40 05 19 00-2381 EA 18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,588.14	965.37
<i>For Class 52 Rating, Deduct</i>	-1,773.80	
<i>For Class 54 Rating, Add</i>	2,436.37	
<i>For Class 55 Rating, Add</i>	3,631.08	
<i>For Class 56 Rating, Add</i>	4,809.66	
40 05 19 00-2382 EA 18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,023.00	969.34
<i>For Class 52 Rating, Deduct</i>	-1,820.97	
<i>For Class 54 Rating, Add</i>	2,500.77	
<i>For Class 55 Rating, Add</i>	3,726.86	
<i>For Class 56 Rating, Add</i>	4,936.39	
40 05 19 00-2383 EA 18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,457.88	973.31
<i>For Class 52 Rating, Deduct</i>	-1,868.15	
<i>For Class 54 Rating, Add</i>	2,565.17	
<i>For Class 55 Rating, Add</i>	3,822.64	
<i>For Class 56 Rating, Add</i>	5,063.12	
40 05 19 00-2384 EA 18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,892.76	977.27
<i>For Class 52 Rating, Deduct</i>	-1,915.32	
<i>For Class 54 Rating, Add</i>	2,629.57	
<i>For Class 55 Rating, Add</i>	3,918.42	
<i>For Class 56 Rating, Add</i>	5,189.86	
40 05 19 00-2385 EA 18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,327.64	981.24
<i>For Class 52 Rating, Deduct</i>	-1,962.50	
<i>For Class 54 Rating, Add</i>	2,693.98	
<i>For Class 55 Rating, Add</i>	4,014.20	
<i>For Class 56 Rating, Add</i>	5,316.59	
40 05 19 00-2386 EA 18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,762.52	985.21
<i>For Class 52 Rating, Deduct</i>	-2,009.68	
<i>For Class 54 Rating, Add</i>	2,758.38	
<i>For Class 55 Rating, Add</i>	4,109.99	
<i>For Class 56 Rating, Add</i>	5,443.32	
40 05 19 00-2387 EA 18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,197.39	989.18
<i>For Class 52 Rating, Deduct</i>	-2,056.85	
<i>For Class 54 Rating, Add</i>	2,822.78	
<i>For Class 55 Rating, Add</i>	4,205.77	
<i>For Class 56 Rating, Add</i>	5,570.05	
40 05 19 00-2388 EA 18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,632.27	993.14
<i>For Class 52 Rating, Deduct</i>	-2,104.03	
<i>For Class 54 Rating, Add</i>	2,887.18	
<i>For Class 55 Rating, Add</i>	4,301.55	
<i>For Class 56 Rating, Add</i>	5,696.79	
40 05 19 00-2389 EA 18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,067.14	997.10
<i>For Class 52 Rating, Deduct</i>	-2,151.20	
<i>For Class 54 Rating, Add</i>	2,951.59	
<i>For Class 55 Rating, Add</i>	4,397.33	
<i>For Class 56 Rating, Add</i>	5,823.52	
40 05 19 00-2390 EA 18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,502.03	1,001.08
<i>For Class 52 Rating, Deduct</i>	-2,198.38	
<i>For Class 54 Rating, Add</i>	3,015.99	
<i>For Class 55 Rating, Add</i>	4,493.11	
<i>For Class 56 Rating, Add</i>	5,950.25	
40 05 19 00-2391 EA 18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,936.90	1,005.04
<i>For Class 52 Rating, Deduct</i>	-2,245.55	
<i>For Class 54 Rating, Add</i>	3,080.39	
<i>For Class 55 Rating, Add</i>	4,588.90	
<i>For Class 56 Rating, Add</i>	6,076.99	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe


 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

40 05 19 00-2392	20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2074)</small>		
40 05 19 00-2393	EA 20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,845.18	979.66
	For Class 52 Rating, Deduct	-589.69	
	For Class 54 Rating, Add	821.94	
	For Class 55 Rating, Add	1,231.09	
	For Class 56 Rating, Add	1,634.89	
40 05 19 00-2394	EA 20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,340.09	983.62
	For Class 52 Rating, Deduct	-643.47	
	For Class 54 Rating, Add	895.35	
	For Class 55 Rating, Add	1,340.26	
	For Class 56 Rating, Add	1,779.33	
40 05 19 00-2395	EA 20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,835.02	987.59
	For Class 52 Rating, Deduct	-697.25	
	For Class 54 Rating, Add	968.76	
	For Class 55 Rating, Add	1,449.44	
	For Class 56 Rating, Add	1,923.78	
40 05 19 00-2396	EA 20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,329.93	991.55
	For Class 52 Rating, Deduct	-751.03	
	For Class 54 Rating, Add	1,042.17	
	For Class 55 Rating, Add	1,558.61	
	For Class 56 Rating, Add	2,068.22	
40 05 19 00-2397	EA 20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,824.86	995.52
	For Class 52 Rating, Deduct	-804.81	
	For Class 54 Rating, Add	1,115.57	
	For Class 55 Rating, Add	1,667.78	
	For Class 56 Rating, Add	2,212.67	
40 05 19 00-2398	EA 20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,319.77	999.49
	For Class 52 Rating, Deduct	-858.59	
	For Class 54 Rating, Add	1,188.98	
	For Class 55 Rating, Add	1,776.95	
	For Class 56 Rating, Add	2,357.11	
40 05 19 00-2399	EA 20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,814.69	1,003.45
	For Class 52 Rating, Deduct	-912.37	
	For Class 54 Rating, Add	1,262.39	
	For Class 55 Rating, Add	1,886.12	
	For Class 56 Rating, Add	2,501.56	
40 05 19 00-2400	EA 20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,309.61	1,007.41
	For Class 52 Rating, Deduct	-966.15	
	For Class 54 Rating, Add	1,335.80	
	For Class 55 Rating, Add	1,995.29	
	For Class 56 Rating, Add	2,646.00	
40 05 19 00-2401	EA 20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,804.53	1,011.39
	For Class 52 Rating, Deduct	-1,019.93	
	For Class 54 Rating, Add	1,409.21	
	For Class 55 Rating, Add	2,104.46	
	For Class 56 Rating, Add	2,790.44	
40 05 19 00-2402	EA 20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,299.45	1,015.35
	For Class 52 Rating, Deduct	-1,073.71	
	For Class 54 Rating, Add	1,482.62	
	For Class 55 Rating, Add	2,213.63	
	For Class 56 Rating, Add	2,934.89	
40 05 19 00-2403	EA 20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,794.37	1,019.31
	For Class 52 Rating, Deduct	-1,127.49	
	For Class 54 Rating, Add	1,556.03	
	For Class 55 Rating, Add	2,322.80	
	For Class 56 Rating, Add	3,079.33	
40 05 19 00-2404	EA 20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,289.28	1,023.28
	For Class 52 Rating, Deduct	-1,181.27	
	For Class 54 Rating, Add	1,629.43	
	For Class 55 Rating, Add	2,431.97	
	For Class 56 Rating, Add	3,223.78	
40 05 19 00-2405	EA 20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,784.20	1,027.25
	For Class 52 Rating, Deduct	-1,235.05	
	For Class 54 Rating, Add	1,702.84	
	For Class 55 Rating, Add	2,541.15	
	For Class 56 Rating, Add	3,368.22	
40 05 19 00-2406	EA 20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,279.12	1,031.22
	For Class 52 Rating, Deduct	-1,288.83	
	For Class 54 Rating, Add	1,776.25	
	For Class 55 Rating, Add	2,650.32	
	For Class 56 Rating, Add	3,512.67	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2407 EA 20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,774.04	1,035.18
For Class 52 Rating, Deduct	-1,342.61	
For Class 54 Rating, Add	1,849.66	
For Class 55 Rating, Add	2,759.49	
For Class 56 Rating, Add	3,657.11	
40 05 19 00-2408 EA 20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,268.95	1,039.15
For Class 52 Rating, Deduct	-1,396.39	
For Class 54 Rating, Add	1,923.07	
For Class 55 Rating, Add	2,868.66	
For Class 56 Rating, Add	3,801.56	
40 05 19 00-2409 EA 20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,763.88	1,043.12
For Class 52 Rating, Deduct	-1,450.17	
For Class 54 Rating, Add	1,996.48	
For Class 55 Rating, Add	2,977.83	
For Class 56 Rating, Add	3,946.00	
40 05 19 00-2410 EA 20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,258.79	1,047.08
For Class 52 Rating, Deduct	-1,503.95	
For Class 54 Rating, Add	2,069.88	
For Class 55 Rating, Add	3,087.00	
For Class 56 Rating, Add	4,090.44	
40 05 19 00-2411 EA 20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,753.72	1,051.04
For Class 52 Rating, Deduct	-1,557.73	
For Class 54 Rating, Add	2,143.29	
For Class 55 Rating, Add	3,196.17	
For Class 56 Rating, Add	4,234.89	
40 05 19 00-2412 EA 20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,248.63	1,055.02
For Class 52 Rating, Deduct	-1,611.51	
For Class 54 Rating, Add	2,216.70	
For Class 55 Rating, Add	3,305.34	
For Class 56 Rating, Add	4,379.33	
40 05 19 00-2413 EA 20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,743.56	1,058.98
For Class 52 Rating, Deduct	-1,665.29	
For Class 54 Rating, Add	2,290.11	
For Class 55 Rating, Add	3,414.51	
For Class 56 Rating, Add	4,523.78	
40 05 19 00-2414 EA 20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,238.47	1,062.94
For Class 52 Rating, Deduct	-1,719.07	
For Class 54 Rating, Add	2,363.52	
For Class 55 Rating, Add	3,523.69	
For Class 56 Rating, Add	4,668.22	
40 05 19 00-2415 EA 20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,733.40	1,066.91
For Class 52 Rating, Deduct	-1,772.85	
For Class 54 Rating, Add	2,436.93	
For Class 55 Rating, Add	3,632.86	
For Class 56 Rating, Add	4,812.67	
40 05 19 00-2416 EA 20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,228.31	1,070.88
For Class 52 Rating, Deduct	-1,826.63	
For Class 54 Rating, Add	2,510.34	
For Class 55 Rating, Add	3,742.03	
For Class 56 Rating, Add	4,957.11	
40 05 19 00-2417 EA 20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,723.24	1,074.84
For Class 52 Rating, Deduct	-1,880.41	
For Class 54 Rating, Add	2,583.74	
For Class 55 Rating, Add	3,851.20	
For Class 56 Rating, Add	5,101.56	
40 05 19 00-2418 EA 20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,218.15	1,078.81
For Class 52 Rating, Deduct	-1,934.19	
For Class 54 Rating, Add	2,657.15	
For Class 55 Rating, Add	3,960.37	
For Class 56 Rating, Add	5,246.00	
40 05 19 00-2419 EA 20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,713.07	1,082.77
For Class 52 Rating, Deduct	-1,987.98	
For Class 54 Rating, Add	2,730.56	
For Class 55 Rating, Add	4,069.54	
For Class 56 Rating, Add	5,390.45	
40 05 19 00-2420 EA 20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,207.99	1,086.75
For Class 52 Rating, Deduct	-2,041.76	
For Class 54 Rating, Add	2,803.97	
For Class 55 Rating, Add	4,178.71	
For Class 56 Rating, Add	5,534.89	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2421	EA	20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,702.91	1,090.71
		<i>For Class 52 Rating, Deduct</i>	-2,095.54	
		<i>For Class 54 Rating, Add</i>	2,877.38	
		<i>For Class 55 Rating, Add</i>	4,287.88	
		<i>For Class 56 Rating, Add</i>	5,679.34	
40 05 19 00-2422	EA	20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,197.83	1,094.67
		<i>For Class 52 Rating, Deduct</i>	-2,149.32	
		<i>For Class 54 Rating, Add</i>	2,950.79	
		<i>For Class 55 Rating, Add</i>	4,397.05	
		<i>For Class 56 Rating, Add</i>	5,823.78	
40 05 19 00-2423	EA	20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,692.75	1,098.64
		<i>For Class 52 Rating, Deduct</i>	-2,203.10	
		<i>For Class 54 Rating, Add</i>	3,024.20	
		<i>For Class 55 Rating, Add</i>	4,506.23	
		<i>For Class 56 Rating, Add</i>	5,968.23	
40 05 19 00-2424	EA	20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,187.67	1,102.61
		<i>For Class 52 Rating, Deduct</i>	-2,256.88	
		<i>For Class 54 Rating, Add</i>	3,097.60	
		<i>For Class 55 Rating, Add</i>	4,615.40	
		<i>For Class 56 Rating, Add</i>	6,112.67	
40 05 19 00-2425	EA	20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,682.58	1,106.57
		<i>For Class 52 Rating, Deduct</i>	-2,310.65	
		<i>For Class 54 Rating, Add</i>	3,171.01	
		<i>For Class 55 Rating, Add</i>	4,724.57	
		<i>For Class 56 Rating, Add</i>	6,257.11	
40 05 19 00-2426	EA	20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,177.50	1,110.54
		<i>For Class 52 Rating, Deduct</i>	-2,364.43	
		<i>For Class 54 Rating, Add</i>	3,244.42	
		<i>For Class 55 Rating, Add</i>	4,833.74	
		<i>For Class 56 Rating, Add</i>	6,401.56	
40 05 19 00-2427	EA	20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,672.41	1,114.51
		<i>For Class 52 Rating, Deduct</i>	-2,418.21	
		<i>For Class 54 Rating, Add</i>	3,317.83	
		<i>For Class 55 Rating, Add</i>	4,942.91	
		<i>For Class 56 Rating, Add</i>	6,546.00	
40 05 19 00-2428	EA	20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,167.33	1,118.47
		<i>For Class 52 Rating, Deduct</i>	-2,471.99	
		<i>For Class 54 Rating, Add</i>	3,391.24	
		<i>For Class 55 Rating, Add</i>	5,052.08	
		<i>For Class 56 Rating, Add</i>	6,690.45	
40 05 19 00-2429	EA	20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,662.25	1,122.44
		<i>For Class 52 Rating, Deduct</i>	-2,525.77	
		<i>For Class 54 Rating, Add</i>	3,464.65	
		<i>For Class 55 Rating, Add</i>	5,161.25	
		<i>For Class 56 Rating, Add</i>	6,834.89	
40 05 19 00-2430	EA	20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,157.17	1,126.40
		<i>For Class 52 Rating, Deduct</i>	-2,579.56	
		<i>For Class 54 Rating, Add</i>	3,538.06	
		<i>For Class 55 Rating, Add</i>	5,270.42	
		<i>For Class 56 Rating, Add</i>	6,979.34	
40 05 19 00-2431		<b>24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2074)</small>		
40 05 19 00-2432	EA	24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,445.09	1,158.13
		<i>For Class 52 Rating, Deduct</i>	-735.94	
		<i>For Class 54 Rating, Add</i>	1,024.61	
		<i>For Class 55 Rating, Add</i>	1,534.06	
		<i>For Class 56 Rating, Add</i>	2,036.82	
40 05 19 00-2433	EA	24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,057.22	1,162.10
		<i>For Class 52 Rating, Deduct</i>	-802.61	
		<i>For Class 54 Rating, Add</i>	1,115.60	
		<i>For Class 55 Rating, Add</i>	1,669.37	
		<i>For Class 56 Rating, Add</i>	2,215.85	
40 05 19 00-2434	EA	24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,669.38	1,166.07
		<i>For Class 52 Rating, Deduct</i>	-869.29	
		<i>For Class 54 Rating, Add</i>	1,206.59	
		<i>For Class 55 Rating, Add</i>	1,804.68	
		<i>For Class 56 Rating, Add</i>	2,394.87	





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2435 EA 24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,281.51	1,170.03
For Class 52 Rating, Deduct	-935.96	
For Class 54 Rating, Add	1,297.58	
For Class 55 Rating, Add	1,940.00	
For Class 56 Rating, Add	2,573.90	
40 05 19 00-2436 EA 24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,893.66	1,174.00
For Class 52 Rating, Deduct	-1,002.64	
For Class 54 Rating, Add	1,388.58	
For Class 55 Rating, Add	2,075.31	
For Class 56 Rating, Add	2,752.92	
40 05 19 00-2437 EA 24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,505.80	1,177.97
For Class 52 Rating, Deduct	-1,069.31	
For Class 54 Rating, Add	1,479.57	
For Class 55 Rating, Add	2,210.62	
For Class 56 Rating, Add	2,931.95	
40 05 19 00-2438 EA 24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,117.95	1,181.93
For Class 52 Rating, Deduct	-1,135.99	
For Class 54 Rating, Add	1,570.56	
For Class 55 Rating, Add	2,345.93	
For Class 56 Rating, Add	3,110.98	
40 05 19 00-2439 EA 24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,730.08	1,185.89
For Class 52 Rating, Deduct	-1,202.66	
For Class 54 Rating, Add	1,661.55	
For Class 55 Rating, Add	2,481.24	
For Class 56 Rating, Add	3,290.00	
40 05 19 00-2440 EA 24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,342.24	1,189.87
For Class 52 Rating, Deduct	-1,269.34	
For Class 54 Rating, Add	1,752.55	
For Class 55 Rating, Add	2,616.56	
For Class 56 Rating, Add	3,469.03	
40 05 19 00-2441 EA 24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,954.37	1,193.83
For Class 52 Rating, Deduct	-1,336.01	
For Class 54 Rating, Add	1,843.54	
For Class 55 Rating, Add	2,751.87	
For Class 56 Rating, Add	3,648.05	
40 05 19 00-2442 EA 24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,566.52	1,197.79
For Class 52 Rating, Deduct	-1,402.68	
For Class 54 Rating, Add	1,934.53	
For Class 55 Rating, Add	2,887.18	
For Class 56 Rating, Add	3,827.08	
40 05 19 00-2443 EA 24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,178.66	1,201.76
For Class 52 Rating, Deduct	-1,469.36	
For Class 54 Rating, Add	2,025.52	
For Class 55 Rating, Add	3,022.49	
For Class 56 Rating, Add	4,006.10	
40 05 19 00-2444 EA 24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,790.80	1,205.73
For Class 52 Rating, Deduct	-1,536.03	
For Class 54 Rating, Add	2,116.51	
For Class 55 Rating, Add	3,157.80	
For Class 56 Rating, Add	4,185.13	
40 05 19 00-2445 EA 24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,402.95	1,209.70
For Class 52 Rating, Deduct	-1,602.71	
For Class 54 Rating, Add	2,207.51	
For Class 55 Rating, Add	3,293.12	
For Class 56 Rating, Add	4,364.16	
40 05 19 00-2446 EA 24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,015.09	1,213.66
For Class 52 Rating, Deduct	-1,669.38	
For Class 54 Rating, Add	2,298.50	
For Class 55 Rating, Add	3,428.43	
For Class 56 Rating, Add	4,543.18	
40 05 19 00-2447 EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,627.23	1,217.62
For Class 52 Rating, Deduct	-1,736.06	
For Class 54 Rating, Add	2,389.49	
For Class 55 Rating, Add	3,563.74	
For Class 56 Rating, Add	4,722.21	
40 05 19 00-2448 EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,239.38	1,221.60
For Class 52 Rating, Deduct	-1,802.73	
For Class 54 Rating, Add	2,480.48	
For Class 55 Rating, Add	3,699.05	
For Class 56 Rating, Add	4,901.23	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2449	EA	24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		18,851.52	1,225.56
		<i>For Class 52 Rating, Deduct</i>		-1,869.41	
		<i>For Class 54 Rating, Add</i>		2,571.47	
		<i>For Class 55 Rating, Add</i>		3,834.36	
		<i>For Class 56 Rating, Add</i>		5,080.26	
40 05 19 00-2450	EA	24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		19,463.66	1,229.52
		<i>For Class 52 Rating, Deduct</i>		-1,936.08	
		<i>For Class 54 Rating, Add</i>		2,662.47	
		<i>For Class 55 Rating, Add</i>		3,969.68	
		<i>For Class 56 Rating, Add</i>		5,259.28	
40 05 19 00-2451	EA	24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,075.80	1,233.50
		<i>For Class 52 Rating, Deduct</i>		-2,002.76	
		<i>For Class 54 Rating, Add</i>		2,753.46	
		<i>For Class 55 Rating, Add</i>		4,104.99	
		<i>For Class 56 Rating, Add</i>		5,438.31	
40 05 19 00-2452	EA	24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,687.95	1,237.46
		<i>For Class 52 Rating, Deduct</i>		-2,069.43	
		<i>For Class 54 Rating, Add</i>		2,844.45	
		<i>For Class 55 Rating, Add</i>		4,240.30	
		<i>For Class 56 Rating, Add</i>		5,617.34	
40 05 19 00-2453	EA	24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		21,300.08	1,241.42
		<i>For Class 52 Rating, Deduct</i>		-2,136.11	
		<i>For Class 54 Rating, Add</i>		2,935.44	
		<i>For Class 55 Rating, Add</i>		4,375.61	
		<i>For Class 56 Rating, Add</i>		5,796.36	
40 05 19 00-2454	EA	24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		21,912.24	1,245.39
		<i>For Class 52 Rating, Deduct</i>		-2,202.78	
		<i>For Class 54 Rating, Add</i>		3,026.44	
		<i>For Class 55 Rating, Add</i>		4,510.92	
		<i>For Class 56 Rating, Add</i>		5,975.39	
40 05 19 00-2455	EA	24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		22,524.37	1,249.36
		<i>For Class 52 Rating, Deduct</i>		-2,269.46	
		<i>For Class 54 Rating, Add</i>		3,117.43	
		<i>For Class 55 Rating, Add</i>		4,646.24	
		<i>For Class 56 Rating, Add</i>		6,154.41	
40 05 19 00-2456	EA	24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		23,136.52	1,253.32
		<i>For Class 52 Rating, Deduct</i>		-2,336.13	
		<i>For Class 54 Rating, Add</i>		3,208.42	
		<i>For Class 55 Rating, Add</i>		4,781.55	
		<i>For Class 56 Rating, Add</i>		6,333.44	
40 05 19 00-2457	EA	24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		23,748.66	1,257.29
		<i>For Class 52 Rating, Deduct</i>		-2,402.80	
		<i>For Class 54 Rating, Add</i>		3,299.41	
		<i>For Class 55 Rating, Add</i>		4,916.86	
		<i>For Class 56 Rating, Add</i>		6,512.46	
40 05 19 00-2458	EA	24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		24,360.81	1,261.25
		<i>For Class 52 Rating, Deduct</i>		-2,469.48	
		<i>For Class 54 Rating, Add</i>		3,390.40	
		<i>For Class 55 Rating, Add</i>		5,052.17	
		<i>For Class 56 Rating, Add</i>		6,691.49	
40 05 19 00-2459	EA	24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		24,972.94	1,265.23
		<i>For Class 52 Rating, Deduct</i>		-2,536.15	
		<i>For Class 54 Rating, Add</i>		3,481.40	
		<i>For Class 55 Rating, Add</i>		5,187.48	
		<i>For Class 56 Rating, Add</i>		6,870.51	
40 05 19 00-2460	EA	24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		25,585.09	1,269.19
		<i>For Class 52 Rating, Deduct</i>		-2,602.83	
		<i>For Class 54 Rating, Add</i>		3,572.39	
		<i>For Class 55 Rating, Add</i>		5,322.80	
		<i>For Class 56 Rating, Add</i>		7,049.54	
40 05 19 00-2461	EA	24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		26,299.40	1,340.58
		<i>For Class 52 Rating, Deduct</i>		-2,669.50	
		<i>For Class 54 Rating, Add</i>		3,664.61	
		<i>For Class 55 Rating, Add</i>		5,460.56	
		<i>For Class 56 Rating, Add</i>		7,232.24	
40 05 19 00-2462	EA	24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		26,911.53	1,344.55
		<i>For Class 52 Rating, Deduct</i>		-2,736.18	
		<i>For Class 54 Rating, Add</i>		3,755.60	
		<i>For Class 55 Rating, Add</i>		5,595.87	
		<i>For Class 56 Rating, Add</i>		7,411.27	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2463 EA 24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,523.68	1,348.51
For Class 52 Rating, Deduct	-2,802.85	
For Class 54 Rating, Add	3,846.59	
For Class 55 Rating, Add	5,731.18	
For Class 56 Rating, Add	7,590.30	
40 05 19 00-2464 EA 24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,135.82	1,352.47
For Class 52 Rating, Deduct	-2,869.53	
For Class 54 Rating, Add	3,937.58	
For Class 55 Rating, Add	5,866.50	
For Class 56 Rating, Add	7,769.32	
40 05 19 00-2465 EA 24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,747.96	1,356.45
For Class 52 Rating, Deduct	-2,936.20	
For Class 54 Rating, Add	4,028.57	
For Class 55 Rating, Add	6,001.81	
For Class 56 Rating, Add	7,948.35	
40 05 19 00-2466 EA 24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,360.11	1,360.41
For Class 52 Rating, Deduct	-3,002.88	
For Class 54 Rating, Add	4,119.57	
For Class 55 Rating, Add	6,137.12	
For Class 56 Rating, Add	8,127.37	
40 05 19 00-2467 EA 24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,972.25	1,364.37
For Class 52 Rating, Deduct	-3,069.55	
For Class 54 Rating, Add	4,210.56	
For Class 55 Rating, Add	6,272.43	
For Class 56 Rating, Add	8,306.40	
40 05 19 00-2468 EA 24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,584.39	1,368.35
For Class 52 Rating, Deduct	-3,136.23	
For Class 54 Rating, Add	4,301.55	
For Class 55 Rating, Add	6,407.74	
For Class 56 Rating, Add	8,485.42	
40 05 19 00-2469 EA 24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,196.54	1,372.31
For Class 52 Rating, Deduct	-3,202.90	
For Class 54 Rating, Add	4,392.54	
For Class 55 Rating, Add	6,543.06	
For Class 56 Rating, Add	8,664.45	
<b>40 05 19 00-2470 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2074)</small>		
40 05 19 00-2471 EA 30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,066.06	1,634.08
For Class 52 Rating, Deduct	-1,164.92	
For Class 54 Rating, Add	1,618.24	
For Class 55 Rating, Add	2,421.03	
For Class 56 Rating, Add	3,213.23	
40 05 19 00-2472 EA 30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,941.24	1,638.05
For Class 52 Rating, Deduct	-1,260.53	
For Class 54 Rating, Add	1,748.69	
For Class 55 Rating, Add	2,615.00	
For Class 56 Rating, Add	3,469.86	
40 05 19 00-2473 EA 30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,816.43	1,642.01
For Class 52 Rating, Deduct	-1,356.14	
For Class 54 Rating, Add	1,879.13	
For Class 55 Rating, Add	2,808.97	
For Class 56 Rating, Add	3,726.48	
40 05 19 00-2474 EA 30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,691.61	1,645.98
For Class 52 Rating, Deduct	-1,451.75	
For Class 54 Rating, Add	2,009.58	
For Class 55 Rating, Add	3,002.94	
For Class 56 Rating, Add	3,983.10	
40 05 19 00-2475 EA 30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,566.79	1,649.94
For Class 52 Rating, Deduct	-1,547.36	
For Class 54 Rating, Add	2,140.03	
For Class 55 Rating, Add	3,196.91	
For Class 56 Rating, Add	4,239.72	
40 05 19 00-2476 EA 30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,441.97	1,653.91
For Class 52 Rating, Deduct	-1,642.96	
For Class 54 Rating, Add	2,270.48	
For Class 55 Rating, Add	3,390.88	
For Class 56 Rating, Add	4,496.35	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2477	EA	30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		18,317.15	1,657.88
		<i>For Class 52 Rating, Deduct</i>		-1,738.57	
		<i>For Class 54 Rating, Add</i>		2,400.93	
		<i>For Class 55 Rating, Add</i>		3,584.85	
		<i>For Class 56 Rating, Add</i>		4,752.97	
40 05 19 00-2478	EA	30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		19,192.34	1,661.84
		<i>For Class 52 Rating, Deduct</i>		-1,834.18	
		<i>For Class 54 Rating, Add</i>		2,531.37	
		<i>For Class 55 Rating, Add</i>		3,778.82	
		<i>For Class 56 Rating, Add</i>		5,009.59	
40 05 19 00-2479	EA	30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,067.51	1,665.80
		<i>For Class 52 Rating, Deduct</i>		-1,929.79	
		<i>For Class 54 Rating, Add</i>		2,661.82	
		<i>For Class 55 Rating, Add</i>		3,972.79	
		<i>For Class 56 Rating, Add</i>		5,266.21	
40 05 19 00-2480	EA	30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,942.69	1,669.78
		<i>For Class 52 Rating, Deduct</i>		-2,025.40	
		<i>For Class 54 Rating, Add</i>		2,792.27	
		<i>For Class 55 Rating, Add</i>		4,166.76	
		<i>For Class 56 Rating, Add</i>		5,522.83	
40 05 19 00-2481	EA	30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		21,817.88	1,673.74
		<i>For Class 52 Rating, Deduct</i>		-2,121.01	
		<i>For Class 54 Rating, Add</i>		2,922.72	
		<i>For Class 55 Rating, Add</i>		4,360.73	
		<i>For Class 56 Rating, Add</i>		5,779.46	
40 05 19 00-2482	EA	30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		22,693.06	1,677.71
		<i>For Class 52 Rating, Deduct</i>		-2,216.62	
		<i>For Class 54 Rating, Add</i>		3,053.17	
		<i>For Class 55 Rating, Add</i>		4,554.70	
		<i>For Class 56 Rating, Add</i>		6,036.08	
40 05 19 00-2483	EA	30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		23,568.24	1,681.67
		<i>For Class 52 Rating, Deduct</i>		-2,312.23	
		<i>For Class 54 Rating, Add</i>		3,183.61	
		<i>For Class 55 Rating, Add</i>		4,748.67	
		<i>For Class 56 Rating, Add</i>		6,292.70	
40 05 19 00-2484	EA	30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		24,443.42	1,685.64
		<i>For Class 52 Rating, Deduct</i>		-2,407.84	
		<i>For Class 54 Rating, Add</i>		3,314.06	
		<i>For Class 55 Rating, Add</i>		4,942.64	
		<i>For Class 56 Rating, Add</i>		6,549.32	
40 05 19 00-2485	EA	30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		25,318.61	1,689.61
		<i>For Class 52 Rating, Deduct</i>		-2,503.45	
		<i>For Class 54 Rating, Add</i>		3,444.51	
		<i>For Class 55 Rating, Add</i>		5,136.61	
		<i>For Class 56 Rating, Add</i>		6,805.95	
40 05 19 00-2486	EA	30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		26,193.78	1,693.57
		<i>For Class 52 Rating, Deduct</i>		-2,599.05	
		<i>For Class 54 Rating, Add</i>		3,574.96	
		<i>For Class 55 Rating, Add</i>		5,330.58	
		<i>For Class 56 Rating, Add</i>		7,062.57	
40 05 19 00-2487	EA	30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		27,068.97	1,697.54
		<i>For Class 52 Rating, Deduct</i>		-2,694.66	
		<i>For Class 54 Rating, Add</i>		3,705.41	
		<i>For Class 55 Rating, Add</i>		5,524.55	
		<i>For Class 56 Rating, Add</i>		7,319.19	
40 05 19 00-2488	EA	30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		27,944.14	1,701.51
		<i>For Class 52 Rating, Deduct</i>		-2,790.27	
		<i>For Class 54 Rating, Add</i>		3,835.85	
		<i>For Class 55 Rating, Add</i>		5,718.52	
		<i>For Class 56 Rating, Add</i>		7,575.81	
40 05 19 00-2489	EA	30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		28,819.34	1,705.47
		<i>For Class 52 Rating, Deduct</i>		-2,885.88	
		<i>For Class 54 Rating, Add</i>		3,966.30	
		<i>For Class 55 Rating, Add</i>		5,912.49	
		<i>For Class 56 Rating, Add</i>		7,832.44	
40 05 19 00-2490	EA	30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		29,694.51	1,709.43
		<i>For Class 52 Rating, Deduct</i>		-2,981.49	
		<i>For Class 54 Rating, Add</i>		4,096.75	
		<i>For Class 55 Rating, Add</i>		6,106.46	
		<i>For Class 56 Rating, Add</i>		8,089.06	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2491	EA			30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,569.70	1,713.41
				<i>For Class 52 Rating, Deduct</i>	-3,077.10	
				<i>For Class 54 Rating, Add</i>	4,227.20	
				<i>For Class 55 Rating, Add</i>	6,300.43	
				<i>For Class 56 Rating, Add</i>	8,345.68	
40 05 19 00-2492	EA			30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,444.87	1,717.37
				<i>For Class 52 Rating, Deduct</i>	-3,172.71	
				<i>For Class 54 Rating, Add</i>	4,357.64	
				<i>For Class 55 Rating, Add</i>	6,494.39	
				<i>For Class 56 Rating, Add</i>	8,602.30	
40 05 19 00-2493	EA			30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,320.07	1,721.33
				<i>For Class 52 Rating, Deduct</i>	-3,268.32	
				<i>For Class 54 Rating, Add</i>	4,488.09	
				<i>For Class 55 Rating, Add</i>	6,688.37	
				<i>For Class 56 Rating, Add</i>	8,858.93	
40 05 19 00-2494	EA			30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	33,195.24	1,725.30
				<i>For Class 52 Rating, Deduct</i>	-3,363.93	
				<i>For Class 54 Rating, Add</i>	4,618.54	
				<i>For Class 55 Rating, Add</i>	6,882.33	
				<i>For Class 56 Rating, Add</i>	9,115.55	
40 05 19 00-2495	EA			30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,070.42	1,729.27
				<i>For Class 52 Rating, Deduct</i>	-3,459.54	
				<i>For Class 54 Rating, Add</i>	4,748.99	
				<i>For Class 55 Rating, Add</i>	7,076.30	
				<i>For Class 56 Rating, Add</i>	9,372.17	
40 05 19 00-2496	EA			30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,945.60	1,733.24
				<i>For Class 52 Rating, Deduct</i>	-3,555.14	
				<i>For Class 54 Rating, Add</i>	4,879.44	
				<i>For Class 55 Rating, Add</i>	7,270.27	
				<i>For Class 56 Rating, Add</i>	9,628.79	
40 05 19 00-2497	EA			30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,820.78	1,737.20
				<i>For Class 52 Rating, Deduct</i>	-3,650.75	
				<i>For Class 54 Rating, Add</i>	5,009.88	
				<i>For Class 55 Rating, Add</i>	7,464.24	
				<i>For Class 56 Rating, Add</i>	9,885.41	
40 05 19 00-2498	EA			30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,695.97	1,741.16
				<i>For Class 52 Rating, Deduct</i>	-3,746.36	
				<i>For Class 54 Rating, Add</i>	5,140.33	
				<i>For Class 55 Rating, Add</i>	7,658.21	
				<i>For Class 56 Rating, Add</i>	10,142.04	
40 05 19 00-2499	EA			30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,571.15	1,745.14
				<i>For Class 52 Rating, Deduct</i>	-3,841.97	
				<i>For Class 54 Rating, Add</i>	5,270.78	
				<i>For Class 55 Rating, Add</i>	7,852.18	
				<i>For Class 56 Rating, Add</i>	10,398.66	
40 05 19 00-2500	EA			30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,446.33	1,749.10
				<i>For Class 52 Rating, Deduct</i>	-3,937.58	
				<i>For Class 54 Rating, Add</i>	5,401.23	
				<i>For Class 55 Rating, Add</i>	8,046.15	
				<i>For Class 56 Rating, Add</i>	10,655.28	
40 05 19 00-2501	EA			30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	39,321.51	1,753.06
				<i>For Class 52 Rating, Deduct</i>	-4,033.19	
				<i>For Class 54 Rating, Add</i>	5,531.68	
				<i>For Class 55 Rating, Add</i>	8,240.12	
				<i>For Class 56 Rating, Add</i>	10,911.90	
40 05 19 00-2502	EA			30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	40,196.70	1,757.04
				<i>For Class 52 Rating, Deduct</i>	-4,128.80	
				<i>For Class 54 Rating, Add</i>	5,662.13	
				<i>For Class 55 Rating, Add</i>	8,434.09	
				<i>For Class 56 Rating, Add</i>	11,168.52	
40 05 19 00-2503	EA			30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	41,071.88	1,761.00
				<i>For Class 52 Rating, Deduct</i>	-4,224.41	
				<i>For Class 54 Rating, Add</i>	5,792.57	
				<i>For Class 55 Rating, Add</i>	8,628.06	
				<i>For Class 56 Rating, Add</i>	11,425.15	
40 05 19 00-2504	EA			30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	41,947.06	1,764.96
				<i>For Class 52 Rating, Deduct</i>	-4,320.02	
				<i>For Class 54 Rating, Add</i>	5,923.02	
				<i>For Class 55 Rating, Add</i>	8,822.03	
				<i>For Class 56 Rating, Add</i>	11,681.77	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-2505	EA		36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,822.24	1,768.93
			<i>For Class 52 Rating, Deduct</i>	-4,415.62	
			<i>For Class 54 Rating, Add</i>	6,053.47	
			<i>For Class 55 Rating, Add</i>	9,016.00	
			<i>For Class 56 Rating, Add</i>	11,938.39	

### 40 05 19 00-2506 36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2074)

40 05 19 00-2507	EA		36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,235.92	2,070.36
			<i>For Class 52 Rating, Deduct</i>	-1,660.89	
			<i>For Class 54 Rating, Add</i>	2,302.49	
			<i>For Class 55 Rating, Add</i>	3,442.37	
			<i>For Class 56 Rating, Add</i>	4,567.14	
40 05 19 00-2508	EA		36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,408.46	2,074.33
			<i>For Class 52 Rating, Deduct</i>	-1,789.21	
			<i>For Class 54 Rating, Add</i>	2,477.54	
			<i>For Class 55 Rating, Add</i>	3,702.64	
			<i>For Class 56 Rating, Add</i>	4,911.48	
40 05 19 00-2509	EA		36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,580.98	2,078.29
			<i>For Class 52 Rating, Deduct</i>	-1,917.53	
			<i>For Class 54 Rating, Add</i>	2,652.59	
			<i>For Class 55 Rating, Add</i>	3,962.92	
			<i>For Class 56 Rating, Add</i>	5,255.82	
40 05 19 00-2510	EA		36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,753.52	2,082.26
			<i>For Class 52 Rating, Deduct</i>	-2,045.84	
			<i>For Class 54 Rating, Add</i>	2,827.65	
			<i>For Class 55 Rating, Add</i>	4,223.20	
			<i>For Class 56 Rating, Add</i>	5,600.16	
40 05 19 00-2511	EA		36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,926.05	2,086.23
			<i>For Class 52 Rating, Deduct</i>	-2,174.16	
			<i>For Class 54 Rating, Add</i>	3,002.70	
			<i>For Class 55 Rating, Add</i>	4,483.48	
			<i>For Class 56 Rating, Add</i>	5,944.50	
40 05 19 00-2512	EA		36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,098.58	2,090.20
			<i>For Class 52 Rating, Deduct</i>	-2,302.48	
			<i>For Class 54 Rating, Add</i>	3,177.75	
			<i>For Class 55 Rating, Add</i>	4,743.76	
			<i>For Class 56 Rating, Add</i>	6,288.84	
40 05 19 00-2513	EA		36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,271.11	2,094.16
			<i>For Class 52 Rating, Deduct</i>	-2,430.80	
			<i>For Class 54 Rating, Add</i>	3,352.80	
			<i>For Class 55 Rating, Add</i>	5,004.04	
			<i>For Class 56 Rating, Add</i>	6,633.18	
40 05 19 00-2514	EA		36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,443.64	2,098.12
			<i>For Class 52 Rating, Deduct</i>	-2,559.11	
			<i>For Class 54 Rating, Add</i>	3,527.85	
			<i>For Class 55 Rating, Add</i>	5,264.31	
			<i>For Class 56 Rating, Add</i>	6,977.52	
40 05 19 00-2515	EA		36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,616.17	2,102.10
			<i>For Class 52 Rating, Deduct</i>	-2,687.43	
			<i>For Class 54 Rating, Add</i>	3,702.90	
			<i>For Class 55 Rating, Add</i>	5,524.59	
			<i>For Class 56 Rating, Add</i>	7,321.86	
40 05 19 00-2516	EA		36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,788.70	2,106.06
			<i>For Class 52 Rating, Deduct</i>	-2,815.75	
			<i>For Class 54 Rating, Add</i>	3,877.95	
			<i>For Class 55 Rating, Add</i>	5,784.87	
			<i>For Class 56 Rating, Add</i>	7,666.20	
40 05 19 00-2517	EA		36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,961.23	2,110.02
			<i>For Class 52 Rating, Deduct</i>	-2,944.06	
			<i>For Class 54 Rating, Add</i>	4,053.00	
			<i>For Class 55 Rating, Add</i>	6,045.15	
			<i>For Class 56 Rating, Add</i>	8,010.54	
40 05 19 00-2518	EA		36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,133.76	2,113.99
			<i>For Class 52 Rating, Deduct</i>	-3,072.38	
			<i>For Class 54 Rating, Add</i>	4,228.05	
			<i>For Class 55 Rating, Add</i>	6,305.43	
			<i>For Class 56 Rating, Add</i>	8,354.88	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2519	EA			36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,306.28	2,117.96
				<i>For Class 52 Rating, Deduct</i>	-3,200.70	
				<i>For Class 54 Rating, Add</i>	4,403.10	
				<i>For Class 55 Rating, Add</i>	6,565.71	
				<i>For Class 56 Rating, Add</i>	8,699.22	
40 05 19 00-2520	EA			36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,478.83	2,121.92
				<i>For Class 52 Rating, Deduct</i>	-3,329.02	
				<i>For Class 54 Rating, Add</i>	4,578.15	
				<i>For Class 55 Rating, Add</i>	6,825.99	
				<i>For Class 56 Rating, Add</i>	9,043.56	
40 05 19 00-2521	EA			36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,651.35	2,125.89
				<i>For Class 52 Rating, Deduct</i>	-3,457.33	
				<i>For Class 54 Rating, Add</i>	4,753.20	
				<i>For Class 55 Rating, Add</i>	7,086.26	
				<i>For Class 56 Rating, Add</i>	9,387.90	
40 05 19 00-2522	EA			36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,823.89	2,129.85
				<i>For Class 52 Rating, Deduct</i>	-3,585.65	
				<i>For Class 54 Rating, Add</i>	4,928.25	
				<i>For Class 55 Rating, Add</i>	7,346.54	
				<i>For Class 56 Rating, Add</i>	9,732.24	
40 05 19 00-2523	EA			36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,996.41	2,133.82
				<i>For Class 52 Rating, Deduct</i>	-3,713.97	
				<i>For Class 54 Rating, Add</i>	5,103.30	
				<i>For Class 55 Rating, Add</i>	7,606.82	
				<i>For Class 56 Rating, Add</i>	10,076.58	
40 05 19 00-2524	EA			36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,168.95	2,137.79
				<i>For Class 52 Rating, Deduct</i>	-3,842.29	
				<i>For Class 54 Rating, Add</i>	5,278.35	
				<i>For Class 55 Rating, Add</i>	7,867.10	
				<i>For Class 56 Rating, Add</i>	10,420.92	
40 05 19 00-2525	EA			36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,341.47	2,141.75
				<i>For Class 52 Rating, Deduct</i>	-3,970.60	
				<i>For Class 54 Rating, Add</i>	5,453.40	
				<i>For Class 55 Rating, Add</i>	8,127.38	
				<i>For Class 56 Rating, Add</i>	10,765.26	
40 05 19 00-2526	EA			36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,514.01	2,145.73
				<i>For Class 52 Rating, Deduct</i>	-4,098.92	
				<i>For Class 54 Rating, Add</i>	5,628.45	
				<i>For Class 55 Rating, Add</i>	8,387.66	
				<i>For Class 56 Rating, Add</i>	11,109.60	
40 05 19 00-2527	EA			36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,686.53	2,149.69
				<i>For Class 52 Rating, Deduct</i>	-4,227.24	
				<i>For Class 54 Rating, Add</i>	5,803.50	
				<i>For Class 55 Rating, Add</i>	8,647.93	
				<i>For Class 56 Rating, Add</i>	11,453.94	
40 05 19 00-2528	EA			36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,859.06	2,153.65
				<i>For Class 52 Rating, Deduct</i>	-4,355.55	
				<i>For Class 54 Rating, Add</i>	5,978.55	
				<i>For Class 55 Rating, Add</i>	8,908.21	
				<i>For Class 56 Rating, Add</i>	11,798.28	
40 05 19 00-2529	EA			36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,031.59	2,157.62
				<i>For Class 52 Rating, Deduct</i>	-4,483.87	
				<i>For Class 54 Rating, Add</i>	6,153.60	
				<i>For Class 55 Rating, Add</i>	9,168.49	
				<i>For Class 56 Rating, Add</i>	12,142.62	
40 05 19 00-2530	EA			36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,204.12	2,161.59
				<i>For Class 52 Rating, Deduct</i>	-4,612.19	
				<i>For Class 54 Rating, Add</i>	6,328.65	
				<i>For Class 55 Rating, Add</i>	9,428.77	
				<i>For Class 56 Rating, Add</i>	12,486.96	
40 05 19 00-2531	EA			36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,376.66	2,165.55
				<i>For Class 52 Rating, Deduct</i>	-4,740.51	
				<i>For Class 54 Rating, Add</i>	6,503.70	
				<i>For Class 55 Rating, Add</i>	9,689.05	
				<i>For Class 56 Rating, Add</i>	12,831.30	
40 05 19 00-2532	EA			36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,549.19	2,169.52
				<i>For Class 52 Rating, Deduct</i>	-4,868.82	
				<i>For Class 54 Rating, Add</i>	6,678.75	
				<i>For Class 55 Rating, Add</i>	9,949.33	
				<i>For Class 56 Rating, Add</i>	13,175.64	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2533	EA	36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		48,721.72	2,173.48
		<i>For Class 52 Rating, Deduct</i>		-4,997.14	
		<i>For Class 54 Rating, Add</i>		6,853.80	
		<i>For Class 55 Rating, Add</i>		10,209.60	
		<i>For Class 56 Rating, Add</i>		13,519.98	
40 05 19 00-2534	EA	36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		49,894.25	2,177.45
		<i>For Class 52 Rating, Deduct</i>		-5,125.46	
		<i>For Class 54 Rating, Add</i>		7,028.85	
		<i>For Class 55 Rating, Add</i>		10,469.88	
		<i>For Class 56 Rating, Add</i>		13,864.32	
40 05 19 00-2535	EA	36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		51,066.78	2,181.42
		<i>For Class 52 Rating, Deduct</i>		-5,253.78	
		<i>For Class 54 Rating, Add</i>		7,203.90	
		<i>For Class 55 Rating, Add</i>		10,730.16	
		<i>For Class 56 Rating, Add</i>		14,208.66	
40 05 19 00-2536	EA	36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		52,239.31	2,185.38
		<i>For Class 52 Rating, Deduct</i>		-5,382.09	
		<i>For Class 54 Rating, Add</i>		7,378.95	
		<i>For Class 55 Rating, Add</i>		10,990.44	
		<i>For Class 56 Rating, Add</i>		14,553.00	
40 05 19 00-2537	EA	36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		53,411.84	2,189.34
		<i>For Class 52 Rating, Deduct</i>		-5,510.41	
		<i>For Class 54 Rating, Add</i>		7,554.00	
		<i>For Class 55 Rating, Add</i>		11,250.72	
		<i>For Class 56 Rating, Add</i>		14,897.34	
40 05 19 00-2538	EA	36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		54,584.37	2,193.32
		<i>For Class 52 Rating, Deduct</i>		-5,638.73	
		<i>For Class 54 Rating, Add</i>		7,729.05	
		<i>For Class 55 Rating, Add</i>		11,511.00	
		<i>For Class 56 Rating, Add</i>		15,241.68	
40 05 19 00-2539	EA	36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		55,756.89	2,197.28
		<i>For Class 52 Rating, Deduct</i>		-5,767.04	
		<i>For Class 54 Rating, Add</i>		7,904.10	
		<i>For Class 55 Rating, Add</i>		11,771.27	
		<i>For Class 56 Rating, Add</i>		15,586.02	
40 05 19 00-2540	EA	36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		56,929.43	2,201.25
		<i>For Class 52 Rating, Deduct</i>		-5,895.36	
		<i>For Class 54 Rating, Add</i>		8,079.15	
		<i>For Class 55 Rating, Add</i>		12,031.55	
		<i>For Class 56 Rating, Add</i>		15,930.36	
40 05 19 00-2541	EA	36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		58,101.96	2,205.22
		<i>For Class 52 Rating, Deduct</i>		-6,023.68	
		<i>For Class 54 Rating, Add</i>		8,254.20	
		<i>For Class 55 Rating, Add</i>		12,291.83	
		<i>For Class 56 Rating, Add</i>		16,274.70	

**40 05 19 00-2542 42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** (40 05 19 00-2074)

40 05 19 00-2543	EA	42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		24,096.69	2,609.77
		<i>For Class 52 Rating, Deduct</i>		-2,215.68	
		<i>For Class 54 Rating, Add</i>		3,068.83	
		<i>For Class 55 Rating, Add</i>		4,586.68	
		<i>For Class 56 Rating, Add</i>		6,084.39	
40 05 19 00-2544	EA	42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		25,818.17	2,613.74
		<i>For Class 52 Rating, Deduct</i>		-2,404.38	
		<i>For Class 54 Rating, Add</i>		3,326.22	
		<i>For Class 55 Rating, Add</i>		4,969.37	
		<i>For Class 56 Rating, Add</i>		6,590.67	
40 05 19 00-2545	EA	42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		27,525.36	2,617.70
		<i>For Class 52 Rating, Deduct</i>		-2,591.51	
		<i>For Class 54 Rating, Add</i>		3,581.47	
		<i>For Class 55 Rating, Add</i>		5,348.88	
		<i>For Class 56 Rating, Add</i>		7,092.73	
40 05 19 00-2546	EA	42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		29,249.70	2,621.66
		<i>For Class 52 Rating, Deduct</i>		-2,780.52	
		<i>For Class 54 Rating, Add</i>		3,839.29	
		<i>For Class 55 Rating, Add</i>		5,732.21	
		<i>For Class 56 Rating, Add</i>		7,599.86	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2547	EA			42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,962.60	2,625.64
				For Class 52 Rating, Deduct	-2,968.28	
				For Class 54 Rating, Add	4,095.39	
				For Class 55 Rating, Add	6,112.99	
				For Class 56 Rating, Add	8,103.61	
40 05 19 00-2548	EA			42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,692.66	2,629.60
				For Class 52 Rating, Deduct	-3,157.93	
				For Class 54 Rating, Add	4,354.07	
				For Class 55 Rating, Add	6,497.60	
				For Class 56 Rating, Add	8,612.42	
40 05 19 00-2549	EA			42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,405.57	2,633.56
				For Class 52 Rating, Deduct	-3,345.69	
				For Class 54 Rating, Add	4,610.18	
				For Class 55 Rating, Add	6,878.38	
				For Class 56 Rating, Add	9,116.17	
40 05 19 00-2550	EA			42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,138.49	2,637.53
				For Class 52 Rating, Deduct	-3,535.65	
				For Class 54 Rating, Add	4,869.29	
				For Class 55 Rating, Add	7,263.63	
				For Class 56 Rating, Add	9,625.82	
40 05 19 00-2551	EA			42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,857.11	2,641.50
				For Class 52 Rating, Deduct	-3,724.03	
				For Class 54 Rating, Add	5,126.25	
				For Class 55 Rating, Add	7,645.68	
				For Class 56 Rating, Add	10,131.26	
40 05 19 00-2552	EA			42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,590.03	2,645.46
				For Class 52 Rating, Deduct	-3,913.99	
				For Class 54 Rating, Add	5,385.36	
				For Class 55 Rating, Add	8,030.93	
				For Class 56 Rating, Add	10,640.91	
40 05 19 00-2553	EA			42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,308.65	2,649.43
				For Class 52 Rating, Deduct	-4,102.38	
				For Class 54 Rating, Add	5,642.33	
				For Class 55 Rating, Add	8,412.99	
				For Class 56 Rating, Add	11,146.35	
40 05 19 00-2554	EA			42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,044.43	2,653.39
				For Class 52 Rating, Deduct	-4,292.65	
				For Class 54 Rating, Add	5,901.86	
				For Class 55 Rating, Add	8,798.87	
				For Class 56 Rating, Add	11,656.85	
40 05 19 00-2555	EA			42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,763.04	2,657.36
				For Class 52 Rating, Deduct	-4,481.04	
				For Class 54 Rating, Add	6,158.83	
				For Class 55 Rating, Add	9,180.92	
				For Class 56 Rating, Add	12,162.29	
40 05 19 00-2556	EA			42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,487.39	2,661.33
				For Class 52 Rating, Deduct	-4,670.06	
				For Class 54 Rating, Add	6,416.65	
				For Class 55 Rating, Add	9,564.26	
				For Class 56 Rating, Add	12,669.41	
40 05 19 00-2557	EA			42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,220.30	2,665.29
				For Class 52 Rating, Deduct	-4,860.02	
				For Class 54 Rating, Add	6,675.76	
				For Class 55 Rating, Add	9,949.50	
				For Class 56 Rating, Add	13,179.06	
40 05 19 00-2558	EA			42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,941.79	2,669.27
				For Class 52 Rating, Deduct	-5,048.72	
				For Class 54 Rating, Add	6,933.15	
				For Class 55 Rating, Add	10,332.20	
				For Class 56 Rating, Add	13,685.34	
40 05 19 00-2559	EA			42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,683.28	2,673.23
				For Class 52 Rating, Deduct	-5,239.62	
				For Class 54 Rating, Add	7,193.55	
				For Class 55 Rating, Add	10,719.35	
				For Class 56 Rating, Add	14,197.53	
40 05 19 00-2560	EA			42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	53,407.63	2,677.19
				For Class 52 Rating, Deduct	-5,428.64	
				For Class 54 Rating, Add	7,451.37	
				For Class 55 Rating, Add	11,102.69	
				For Class 56 Rating, Add	14,704.65	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2561	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		55,146.26	2,681.16
		<i>For Class 52 Rating, Deduct</i>		-5,619.23	
		<i>For Class 54 Rating, Add</i>		7,711.33	
		<i>For Class 55 Rating, Add</i>		11,489.21	
		<i>For Class 56 Rating, Add</i>		15,216.00	
40 05 19 00-2562	EA	42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		56,867.75	2,685.13
		<i>For Class 52 Rating, Deduct</i>		-5,807.93	
		<i>For Class 54 Rating, Add</i>		7,968.73	
		<i>For Class 55 Rating, Add</i>		11,871.90	
		<i>For Class 56 Rating, Add</i>		15,722.28	
40 05 19 00-2563	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		58,612.09	2,689.09
		<i>For Class 52 Rating, Deduct</i>		-5,999.15	
		<i>For Class 54 Rating, Add</i>		8,229.55	
		<i>For Class 55 Rating, Add</i>		12,259.69	
		<i>For Class 56 Rating, Add</i>		16,235.30	
40 05 19 00-2564	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		60,336.44	2,693.06
		<i>For Class 52 Rating, Deduct</i>		-6,188.17	
		<i>For Class 54 Rating, Add</i>		8,487.37	
		<i>For Class 55 Rating, Add</i>		12,643.03	
		<i>For Class 56 Rating, Add</i>		16,742.43	
40 05 19 00-2565	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		62,075.07	2,697.02
		<i>For Class 52 Rating, Deduct</i>		-6,378.75	
		<i>For Class 54 Rating, Add</i>		8,747.34	
		<i>For Class 55 Rating, Add</i>		13,029.55	
		<i>For Class 56 Rating, Add</i>		17,253.77	
40 05 19 00-2566	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		63,799.41	2,700.99
		<i>For Class 52 Rating, Deduct</i>		-6,567.77	
		<i>For Class 54 Rating, Add</i>		9,005.16	
		<i>For Class 55 Rating, Add</i>		13,412.88	
		<i>For Class 56 Rating, Add</i>		17,760.89	
40 05 19 00-2567	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		65,543.77	2,704.96
		<i>For Class 52 Rating, Deduct</i>		-6,758.99	
		<i>For Class 54 Rating, Add</i>		9,265.98	
		<i>For Class 55 Rating, Add</i>		13,800.68	
		<i>For Class 56 Rating, Add</i>		18,273.92	
40 05 19 00-2568	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		67,268.11	2,708.92
		<i>For Class 52 Rating, Deduct</i>		-6,948.00	
		<i>For Class 54 Rating, Add</i>		9,523.81	
		<i>For Class 55 Rating, Add</i>		14,184.01	
		<i>For Class 56 Rating, Add</i>		18,781.05	
40 05 19 00-2569	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		69,006.75	2,712.88
		<i>For Class 52 Rating, Deduct</i>		-7,138.59	
		<i>For Class 54 Rating, Add</i>		9,783.77	
		<i>For Class 55 Rating, Add</i>		14,570.53	
		<i>For Class 56 Rating, Add</i>		19,292.39	
40 05 19 00-2570	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		70,733.95	2,716.86
		<i>For Class 52 Rating, Deduct</i>		-7,327.93	
		<i>For Class 54 Rating, Add</i>		10,042.02	
		<i>For Class 55 Rating, Add</i>		14,954.50	
		<i>For Class 56 Rating, Add</i>		19,800.35	
40 05 19 00-2571	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		72,132.35	2,720.82
		<i>For Class 52 Rating, Deduct</i>		-7,481.09	
		<i>For Class 54 Rating, Add</i>		10,250.95	
		<i>For Class 55 Rating, Add</i>		15,265.14	
		<i>For Class 56 Rating, Add</i>		20,211.33	
40 05 19 00-2572	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		74,202.64	2,724.79
		<i>For Class 52 Rating, Deduct</i>		-7,708.16	
		<i>For Class 54 Rating, Add</i>		10,560.67	
		<i>For Class 55 Rating, Add</i>		15,725.62	
		<i>For Class 56 Rating, Add</i>		20,820.51	
40 05 19 00-2573	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		75,926.97	2,728.76
		<i>For Class 52 Rating, Deduct</i>		-7,897.18	
		<i>For Class 54 Rating, Add</i>		10,818.49	
		<i>For Class 55 Rating, Add</i>		16,108.95	
		<i>For Class 56 Rating, Add</i>		21,327.63	
40 05 19 00-2574	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		77,668.48	2,732.72
		<i>For Class 52 Rating, Deduct</i>		-8,088.08	
		<i>For Class 54 Rating, Add</i>		11,078.88	
		<i>For Class 55 Rating, Add</i>		16,496.11	
		<i>For Class 56 Rating, Add</i>		21,839.81	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2575 EA 42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	79,395.67	2,736.69
<i>For Class 52 Rating, Deduct</i>	-8,277.41	
<i>For Class 54 Rating, Add</i>	11,337.13	
<i>For Class 55 Rating, Add</i>	16,880.08	
<i>For Class 56 Rating, Add</i>	22,347.78	
40 05 19 00-2576 EA 42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	81,140.03	2,740.65
<i>For Class 52 Rating, Deduct</i>	-8,468.63	
<i>For Class 54 Rating, Add</i>	11,597.96	
<i>For Class 55 Rating, Add</i>	17,267.88	
<i>For Class 56 Rating, Add</i>	22,860.81	
40 05 19 00-2577 EA 42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	82,861.51	2,744.62
<i>For Class 52 Rating, Deduct</i>	-8,657.33	
<i>For Class 54 Rating, Add</i>	11,855.35	
<i>For Class 55 Rating, Add</i>	17,650.57	
<i>For Class 56 Rating, Add</i>	23,367.09	
<b>40 05 19 00-2578 48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2074)</small></b>		
40 05 19 00-2579 EA 48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,224.40	3,280.05
<i>For Class 52 Rating, Deduct</i>	-2,778.01	
<i>For Class 54 Rating, Add</i>	3,847.83	
<i>For Class 55 Rating, Add</i>	5,751.05	
<i>For Class 56 Rating, Add</i>	7,629.02	
40 05 19 00-2580 EA 48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,683.52	3,284.03
<i>For Class 52 Rating, Deduct</i>	-3,047.85	
<i>For Class 54 Rating, Add</i>	4,215.87	
<i>For Class 55 Rating, Add</i>	6,298.24	
<i>For Class 56 Rating, Add</i>	8,352.91	
40 05 19 00-2581 EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,148.39	3,287.99
<i>For Class 52 Rating, Deduct</i>	-3,318.32	
<i>For Class 54 Rating, Add</i>	4,584.77	
<i>For Class 55 Rating, Add</i>	6,846.71	
<i>For Class 56 Rating, Add</i>	9,078.49	
40 05 19 00-2582 EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,641.82	3,291.95
<i>For Class 52 Rating, Deduct</i>	-3,591.94	
<i>For Class 54 Rating, Add</i>	4,957.96	
<i>For Class 55 Rating, Add</i>	7,401.55	
<i>For Class 56 Rating, Add</i>	9,812.49	
40 05 19 00-2583 EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	40,126.70	3,295.92
<i>For Class 52 Rating, Deduct</i>	-3,864.62	
<i>For Class 54 Rating, Add</i>	5,329.86	
<i>For Class 55 Rating, Add</i>	7,954.48	
<i>For Class 56 Rating, Add</i>	10,543.97	
40 05 19 00-2584 EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	42,617.27	3,299.89
<i>For Class 52 Rating, Deduct</i>	-4,137.92	
<i>For Class 54 Rating, Add</i>	5,702.61	
<i>For Class 55 Rating, Add</i>	8,508.69	
<i>For Class 56 Rating, Add</i>	11,277.14	
40 05 19 00-2585 EA 48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	45,125.01	3,303.85
<i>For Class 52 Rating, Deduct</i>	-4,413.11	
<i>For Class 54 Rating, Add</i>	6,077.95	
<i>For Class 55 Rating, Add</i>	9,066.72	
<i>For Class 56 Rating, Add</i>	12,015.37	
40 05 19 00-2586 EA 48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	47,627.03	3,307.82
<i>For Class 52 Rating, Deduct</i>	-4,687.67	
<i>For Class 54 Rating, Add</i>	6,452.42	
<i>For Class 55 Rating, Add</i>	9,623.47	
<i>For Class 56 Rating, Add</i>	12,751.90	
40 05 19 00-2587 EA 48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	50,126.20	3,311.79
<i>For Class 52 Rating, Deduct</i>	-4,961.92	
<i>For Class 54 Rating, Add</i>	6,826.47	
<i>For Class 55 Rating, Add</i>	10,179.59	
<i>For Class 56 Rating, Add</i>	13,487.60	
40 05 19 00-2588 EA 48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	52,651.09	3,315.76
<i>For Class 52 Rating, Deduct</i>	-5,238.99	
<i>For Class 54 Rating, Add</i>	7,204.37	
<i>For Class 55 Rating, Add</i>	10,741.44	
<i>For Class 56 Rating, Add</i>	14,230.89	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2589	EA	48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,158.83		3,319.72
		<i>For Class 52 Rating, Deduct</i>	-5,514.18		
		<i>For Class 54 Rating, Add</i>	7,579.70		
		<i>For Class 55 Rating, Add</i>	11,299.47		
		<i>For Class 56 Rating, Add</i>	14,969.12		
40 05 19 00-2590	EA	48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,686.58		3,323.68
		<i>For Class 52 Rating, Deduct</i>	-5,791.58		
		<i>For Class 54 Rating, Add</i>	7,958.03		
		<i>For Class 55 Rating, Add</i>	11,861.97		
		<i>For Class 56 Rating, Add</i>	15,713.25		
40 05 19 00-2591	EA	48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,200.04		3,327.66
		<i>For Class 52 Rating, Deduct</i>	-6,067.40		
		<i>For Class 54 Rating, Add</i>	8,334.22		
		<i>For Class 55 Rating, Add</i>	12,421.27		
		<i>For Class 56 Rating, Add</i>	16,453.16		
40 05 19 00-2592	EA	48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	62,716.36		3,331.62
		<i>For Class 52 Rating, Deduct</i>	-6,343.53		
		<i>For Class 54 Rating, Add</i>	8,710.84		
		<i>For Class 55 Rating, Add</i>	12,981.21		
		<i>For Class 56 Rating, Add</i>	17,193.92		
40 05 19 00-2593	EA	48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,249.82		3,335.58
		<i>For Class 52 Rating, Deduct</i>	-6,621.55		
		<i>For Class 54 Rating, Add</i>	9,090.03		
		<i>For Class 55 Rating, Add</i>	13,544.98		
		<i>For Class 56 Rating, Add</i>	17,939.73		
40 05 19 00-2594	EA	48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,771.87		3,339.55
		<i>For Class 52 Rating, Deduct</i>	-6,898.31		
		<i>For Class 54 Rating, Add</i>	9,467.51		
		<i>For Class 55 Rating, Add</i>	14,106.20		
		<i>For Class 56 Rating, Add</i>	18,682.18		
40 05 19 00-2595	EA	48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	70,291.03		3,343.52
		<i>For Class 52 Rating, Deduct</i>	-7,174.76		
		<i>For Class 54 Rating, Add</i>	9,844.56		
		<i>For Class 55 Rating, Add</i>	14,666.78		
		<i>For Class 56 Rating, Add</i>	19,423.78		
40 05 19 00-2596	EA	48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,830.22		3,347.48
		<i>For Class 52 Rating, Deduct</i>	-7,453.41		
		<i>For Class 54 Rating, Add</i>	10,224.61		
		<i>For Class 55 Rating, Add</i>	15,231.82		
		<i>For Class 56 Rating, Add</i>	20,171.28		
40 05 19 00-2597	EA	48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	75,355.12		3,351.45
		<i>For Class 52 Rating, Deduct</i>	-7,730.49		
		<i>For Class 54 Rating, Add</i>	10,602.51		
		<i>For Class 55 Rating, Add</i>	15,793.68		
		<i>For Class 56 Rating, Add</i>	20,914.57		
40 05 19 00-2598	EA	48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	77,877.16		3,355.41
		<i>For Class 52 Rating, Deduct</i>	-8,007.25		
		<i>For Class 54 Rating, Add</i>	10,979.99		
		<i>For Class 55 Rating, Add</i>	16,354.90		
		<i>For Class 56 Rating, Add</i>	21,667.02		
40 05 19 00-2599	EA	48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	80,419.20		3,359.38
		<i>For Class 52 Rating, Deduct</i>	-8,286.22		
		<i>For Class 54 Rating, Add</i>	11,360.46		
		<i>For Class 55 Rating, Add</i>	16,920.58		
		<i>For Class 56 Rating, Add</i>	22,405.36		
40 05 19 00-2600	EA	48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	82,949.82		3,363.35
		<i>For Class 52 Rating, Deduct</i>	-8,563.92		
		<i>For Class 54 Rating, Add</i>	11,739.23		
		<i>For Class 55 Rating, Add</i>	17,483.71		
		<i>For Class 56 Rating, Add</i>	23,150.34		
40 05 19 00-2601	EA	48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,474.71		3,367.31
		<i>For Class 52 Rating, Deduct</i>	-8,841.00		
		<i>For Class 54 Rating, Add</i>	12,117.13		
		<i>For Class 55 Rating, Add</i>	18,045.56		
		<i>For Class 56 Rating, Add</i>	23,893.62		
40 05 19 00-2602	EA	48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	88,019.62		3,371.28
		<i>For Class 52 Rating, Deduct</i>	-9,120.28		
		<i>For Class 54 Rating, Add</i>	12,498.04		
		<i>For Class 55 Rating, Add</i>	18,611.88		
		<i>For Class 56 Rating, Add</i>	24,642.82		



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Ductile Iron Process Pipe	40 05 19

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2603 EA 48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	90,550.23	3,375.25
<i>For Class 52 Rating, Deduct</i>	-9,397.98	
<i>For Class 54 Rating, Add</i>	12,876.80	
<i>For Class 55 Rating, Add</i>	19,175.01	
<i>For Class 56 Rating, Add</i>	25,387.79	
40 05 19 00-2604 EA 48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	93,077.99	3,379.21
<i>For Class 52 Rating, Deduct</i>	-9,675.38	
<i>For Class 54 Rating, Add</i>	13,255.14	
<i>For Class 55 Rating, Add</i>	19,737.51	
<i>For Class 56 Rating, Add</i>	26,131.92	
40 05 19 00-2605 EA 48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	95,625.75	3,383.18
<i>For Class 52 Rating, Deduct</i>	-9,954.97	
<i>For Class 54 Rating, Add</i>	13,636.47	
<i>For Class 55 Rating, Add</i>	20,304.46	
<i>For Class 56 Rating, Add</i>	26,881.96	
40 05 19 00-2606 EA 48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	98,159.23	3,387.15
<i>For Class 52 Rating, Deduct</i>	-10,232.99	
<i>For Class 54 Rating, Add</i>	14,015.66	
<i>For Class 55 Rating, Add</i>	20,868.23	
<i>For Class 56 Rating, Add</i>	27,627.77	
40 05 19 00-2607 EA 48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	100,395.34	3,391.11
<i>For Class 52 Rating, Deduct</i>	-10,478.30	
<i>For Class 54 Rating, Add</i>	14,350.25	
<i>For Class 55 Rating, Add</i>	21,365.69	
<i>For Class 56 Rating, Add</i>	28,285.87	
40 05 19 00-2608 EA 48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	103,240.47	3,395.08
<i>For Class 52 Rating, Deduct</i>	-10,790.61	
<i>For Class 54 Rating, Add</i>	14,776.19	
<i>For Class 55 Rating, Add</i>	21,998.96	
<i>For Class 56 Rating, Add</i>	29,123.63	
40 05 19 00-2609 EA 48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	105,771.07	3,399.04
<i>For Class 52 Rating, Deduct</i>	-11,068.31	
<i>For Class 54 Rating, Add</i>	15,154.95	
<i>For Class 55 Rating, Add</i>	22,562.09	
<i>For Class 56 Rating, Add</i>	29,868.60	
40 05 19 00-2610 EA 48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	108,324.57	3,403.01
<i>For Class 52 Rating, Deduct</i>	-11,348.53	
<i>For Class 54 Rating, Add</i>	15,537.15	
<i>For Class 55 Rating, Add</i>	23,130.32	
<i>For Class 56 Rating, Add</i>	30,620.32	
40 05 19 00-2611 EA 48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	110,855.17	3,406.98
<i>For Class 52 Rating, Deduct</i>	-11,626.24	
<i>For Class 54 Rating, Add</i>	15,915.91	
<i>For Class 55 Rating, Add</i>	23,693.45	
<i>For Class 56 Rating, Add</i>	31,365.30	
40 05 19 00-2612 EA 48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	113,385.79	3,410.94
<i>For Class 52 Rating, Deduct</i>	-11,903.95	
<i>For Class 54 Rating, Add</i>	16,294.67	
<i>For Class 55 Rating, Add</i>	24,256.58	
<i>For Class 56 Rating, Add</i>	32,110.27	
40 05 19 00-2613 EA 48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	115,942.13	3,414.90
<i>For Class 52 Rating, Deduct</i>	-12,184.48	
<i>For Class 54 Rating, Add</i>	16,677.29	
<i>For Class 55 Rating, Add</i>	24,825.45	
<i>For Class 56 Rating, Add</i>	32,862.84	
40 05 19 00-2614 Flanged End x Grooved End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2073)</small>		
40 05 19 00-2615 4" Flanged End x Grooved End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2614)</small>		
40 05 19 00-2616 EA 4" Flanged x Grooved (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	786.77	181.50
<i>For Class 52 Rating, Deduct</i>	-56.30	
<i>For Class 54 Rating, Add</i>	80.07	
<i>For Class 55 Rating, Add</i>	120.73	
<i>For Class 56 Rating, Add</i>	160.87	
40 05 19 00-2617 EA 4" Flanged x Grooved (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	900.23	184.67
<i>For Class 52 Rating, Deduct</i>	-68.25	
<i>For Class 54 Rating, Add</i>	96.42	
<i>For Class 55 Rating, Add</i>	145.07	
<i>For Class 56 Rating, Add</i>	193.10	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2618	EA	4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,013.69	187.85
		<i>For Class 52 Rating, Deduct</i>		-80.20	
		<i>For Class 54 Rating, Add</i>		112.78	
		<i>For Class 55 Rating, Add</i>		169.42	
		<i>For Class 56 Rating, Add</i>		225.32	
40 05 19 00-2619	EA	4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,127.13	191.01
		<i>For Class 52 Rating, Deduct</i>		-92.15	
		<i>For Class 54 Rating, Add</i>		129.13	
		<i>For Class 55 Rating, Add</i>		193.76	
		<i>For Class 56 Rating, Add</i>		257.55	
40 05 19 00-2620	EA	4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,240.59	194.18
		<i>For Class 52 Rating, Deduct</i>		-104.10	
		<i>For Class 54 Rating, Add</i>		145.49	
		<i>For Class 55 Rating, Add</i>		218.10	
		<i>For Class 56 Rating, Add</i>		289.77	
40 05 19 00-2621	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,354.04	197.36
		<i>For Class 52 Rating, Deduct</i>		-116.05	
		<i>For Class 54 Rating, Add</i>		161.84	
		<i>For Class 55 Rating, Add</i>		242.45	
		<i>For Class 56 Rating, Add</i>		322.00	
40 05 19 00-2622	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,467.50	200.53
		<i>For Class 52 Rating, Deduct</i>		-128.00	
		<i>For Class 54 Rating, Add</i>		178.20	
		<i>For Class 55 Rating, Add</i>		266.79	
		<i>For Class 56 Rating, Add</i>		354.22	
40 05 19 00-2623	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,580.96	203.71
		<i>For Class 52 Rating, Deduct</i>		-139.95	
		<i>For Class 54 Rating, Add</i>		194.55	
		<i>For Class 55 Rating, Add</i>		291.13	
		<i>For Class 56 Rating, Add</i>		386.44	
40 05 19 00-2624	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,694.41	206.88
		<i>For Class 52 Rating, Deduct</i>		-151.91	
		<i>For Class 54 Rating, Add</i>		210.91	
		<i>For Class 55 Rating, Add</i>		315.48	
		<i>For Class 56 Rating, Add</i>		418.67	
40 05 19 00-2625	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,807.86	210.06
		<i>For Class 52 Rating, Deduct</i>		-163.86	
		<i>For Class 54 Rating, Add</i>		227.26	
		<i>For Class 55 Rating, Add</i>		339.82	
		<i>For Class 56 Rating, Add</i>		450.89	
40 05 19 00-2626	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		1,921.31	213.23
		<i>For Class 52 Rating, Deduct</i>		-175.81	
		<i>For Class 54 Rating, Add</i>		243.61	
		<i>For Class 55 Rating, Add</i>		364.16	
		<i>For Class 56 Rating, Add</i>		483.11	
40 05 19 00-2627	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,034.76	216.40
		<i>For Class 52 Rating, Deduct</i>		-187.76	
		<i>For Class 54 Rating, Add</i>		259.97	
		<i>For Class 55 Rating, Add</i>		388.51	
		<i>For Class 56 Rating, Add</i>		515.34	
40 05 19 00-2628	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,148.23	219.57
		<i>For Class 52 Rating, Deduct</i>		-199.71	
		<i>For Class 54 Rating, Add</i>		276.32	
		<i>For Class 55 Rating, Add</i>		412.85	
		<i>For Class 56 Rating, Add</i>		547.56	
40 05 19 00-2629	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,261.68	222.74
		<i>For Class 52 Rating, Deduct</i>		-211.66	
		<i>For Class 54 Rating, Add</i>		292.68	
		<i>For Class 55 Rating, Add</i>		437.19	
		<i>For Class 56 Rating, Add</i>		579.79	
40 05 19 00-2630	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,375.13	225.92
		<i>For Class 52 Rating, Deduct</i>		-223.61	
		<i>For Class 54 Rating, Add</i>		309.03	
		<i>For Class 55 Rating, Add</i>		461.54	
		<i>For Class 56 Rating, Add</i>		612.01	
40 05 19 00-2631	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,488.58	229.09
		<i>For Class 52 Rating, Deduct</i>		-235.56	
		<i>For Class 54 Rating, Add</i>		325.39	
		<i>For Class 55 Rating, Add</i>		485.88	
		<i>For Class 56 Rating, Add</i>		644.23	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2632	EA			4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,602.04	232.26
				<i>For Class 52 Rating, Deduct</i>	-247.51	
				<i>For Class 54 Rating, Add</i>	341.74	
				<i>For Class 55 Rating, Add</i>	510.22	
				<i>For Class 56 Rating, Add</i>	676.46	
40 05 19 00-2633	EA			4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,715.49	235.44
				<i>For Class 52 Rating, Deduct</i>	-259.46	
				<i>For Class 54 Rating, Add</i>	358.10	
				<i>For Class 55 Rating, Add</i>	534.57	
				<i>For Class 56 Rating, Add</i>	708.68	
40 05 19 00-2634	EA			4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,828.95	238.61
				<i>For Class 52 Rating, Deduct</i>	-271.42	
				<i>For Class 54 Rating, Add</i>	374.45	
				<i>For Class 55 Rating, Add</i>	558.91	
				<i>For Class 56 Rating, Add</i>	740.90	
40 05 19 00-2635	EA			4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,942.41	241.79
				<i>For Class 52 Rating, Deduct</i>	-283.37	
				<i>For Class 54 Rating, Add</i>	390.81	
				<i>For Class 55 Rating, Add</i>	583.26	
				<i>For Class 56 Rating, Add</i>	773.13	
40 05 19 00-2636	EA			4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,055.85	244.96
				<i>For Class 52 Rating, Deduct</i>	-295.32	
				<i>For Class 54 Rating, Add</i>	407.16	
				<i>For Class 55 Rating, Add</i>	607.60	
				<i>For Class 56 Rating, Add</i>	805.35	
40 05 19 00-2637	EA			4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,169.31	248.12
				<i>For Class 52 Rating, Deduct</i>	-307.27	
				<i>For Class 54 Rating, Add</i>	423.52	
				<i>For Class 55 Rating, Add</i>	631.94	
				<i>For Class 56 Rating, Add</i>	837.58	
40 05 19 00-2638	EA			4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,282.76	251.30
				<i>For Class 52 Rating, Deduct</i>	-319.22	
				<i>For Class 54 Rating, Add</i>	439.87	
				<i>For Class 55 Rating, Add</i>	656.29	
				<i>For Class 56 Rating, Add</i>	869.80	
40 05 19 00-2639	EA			4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,396.21	254.47
				<i>For Class 52 Rating, Deduct</i>	-331.17	
				<i>For Class 54 Rating, Add</i>	456.22	
				<i>For Class 55 Rating, Add</i>	680.63	
				<i>For Class 56 Rating, Add</i>	902.02	
40 05 19 00-2640	EA			4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,509.67	257.65
				<i>For Class 52 Rating, Deduct</i>	-343.12	
				<i>For Class 54 Rating, Add</i>	472.58	
				<i>For Class 55 Rating, Add</i>	704.97	
				<i>For Class 56 Rating, Add</i>	934.25	
40 05 19 00-2641	EA			4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,623.13	260.82
				<i>For Class 52 Rating, Deduct</i>	-355.07	
				<i>For Class 54 Rating, Add</i>	488.93	
				<i>For Class 55 Rating, Add</i>	729.32	
				<i>For Class 56 Rating, Add</i>	966.47	
40 05 19 00-2642	EA			4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,736.58	264.00
				<i>For Class 52 Rating, Deduct</i>	-367.02	
				<i>For Class 54 Rating, Add</i>	505.29	
				<i>For Class 55 Rating, Add</i>	753.66	
				<i>For Class 56 Rating, Add</i>	998.69	
40 05 19 00-2643	EA			4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,850.03	267.17
				<i>For Class 52 Rating, Deduct</i>	-378.98	
				<i>For Class 54 Rating, Add</i>	521.64	
				<i>For Class 55 Rating, Add</i>	778.00	
				<i>For Class 56 Rating, Add</i>	1,030.92	
40 05 19 00-2644	EA			4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,963.49	270.34
				<i>For Class 52 Rating, Deduct</i>	-390.93	
				<i>For Class 54 Rating, Add</i>	538.00	
				<i>For Class 55 Rating, Add</i>	802.35	
				<i>For Class 56 Rating, Add</i>	1,063.14	
40 05 19 00-2645	EA			4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,076.94	273.51
				<i>For Class 52 Rating, Deduct</i>	-402.88	
				<i>For Class 54 Rating, Add</i>	554.35	
				<i>For Class 55 Rating, Add</i>	826.69	
				<i>For Class 56 Rating, Add</i>	1,095.37	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-2646	EA		4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,190.39	276.68
			<i>For Class 52 Rating, Deduct</i>	-414.83	
			<i>For Class 54 Rating, Add</i>	570.71	
			<i>For Class 55 Rating, Add</i>	851.03	
			<i>For Class 56 Rating, Add</i>	1,127.59	
40 05 19 00-2647	EA		4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,303.86	279.86
			<i>For Class 52 Rating, Deduct</i>	-426.78	
			<i>For Class 54 Rating, Add</i>	587.06	
			<i>For Class 55 Rating, Add</i>	875.38	
			<i>For Class 56 Rating, Add</i>	1,159.81	
40 05 19 00-2648	EA		4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,417.30	283.03
			<i>For Class 52 Rating, Deduct</i>	-438.73	
			<i>For Class 54 Rating, Add</i>	603.42	
			<i>For Class 55 Rating, Add</i>	899.72	
			<i>For Class 56 Rating, Add</i>	1,192.04	
40 05 19 00-2649	EA		4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,530.76	286.20
			<i>For Class 52 Rating, Deduct</i>	-450.68	
			<i>For Class 54 Rating, Add</i>	619.77	
			<i>For Class 55 Rating, Add</i>	924.07	
			<i>For Class 56 Rating, Add</i>	1,224.26	
40 05 19 00-2650	EA		4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,644.22	289.38
			<i>For Class 52 Rating, Deduct</i>	-462.63	
			<i>For Class 54 Rating, Add</i>	636.13	
			<i>For Class 55 Rating, Add</i>	948.41	
			<i>For Class 56 Rating, Add</i>	1,256.49	
40 05 19 00-2651	EA		4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,757.66	292.55
			<i>For Class 52 Rating, Deduct</i>	-474.59	
			<i>For Class 54 Rating, Add</i>	652.48	
			<i>For Class 55 Rating, Add</i>	972.75	
			<i>For Class 56 Rating, Add</i>	1,288.71	
40 05 19 00-2652	EA		4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,871.12	295.73
			<i>For Class 52 Rating, Deduct</i>	-486.54	
			<i>For Class 54 Rating, Add</i>	668.84	
			<i>For Class 55 Rating, Add</i>	997.10	
			<i>For Class 56 Rating, Add</i>	1,320.93	
40 05 19 00-2653	EA		4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,955.98	298.90
			<i>For Class 52 Rating, Deduct</i>	-495.34	
			<i>For Class 54 Rating, Add</i>	680.90	
			<i>For Class 55 Rating, Add</i>	1,015.06	
			<i>For Class 56 Rating, Add</i>	1,344.72	
40 05 19 00-2654	EA		4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,098.03	302.06
			<i>For Class 52 Rating, Deduct</i>	-510.44	
			<i>For Class 54 Rating, Add</i>	701.54	
			<i>For Class 55 Rating, Add</i>	1,045.78	
			<i>For Class 56 Rating, Add</i>	1,385.38	

40 05 19 00-2655 6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2614)

40 05 19 00-2656	EA		6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,018.03	228.46
			<i>For Class 52 Rating, Deduct</i>	-73.91	
			<i>For Class 54 Rating, Add</i>	104.94	
			<i>For Class 55 Rating, Add</i>	158.14	
			<i>For Class 56 Rating, Add</i>	210.67	
40 05 19 00-2657	EA		6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,148.64	231.63
			<i>For Class 52 Rating, Deduct</i>	-87.75	
			<i>For Class 54 Rating, Add</i>	123.86	
			<i>For Class 55 Rating, Add</i>	186.31	
			<i>For Class 56 Rating, Add</i>	247.95	
40 05 19 00-2658	EA		6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,279.26	234.79
			<i>For Class 52 Rating, Deduct</i>	-101.59	
			<i>For Class 54 Rating, Add</i>	142.79	
			<i>For Class 55 Rating, Add</i>	214.48	
			<i>For Class 56 Rating, Add</i>	285.24	
40 05 19 00-2659	EA		6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,409.87	237.97
			<i>For Class 52 Rating, Deduct</i>	-115.42	
			<i>For Class 54 Rating, Add</i>	161.72	
			<i>For Class 55 Rating, Add</i>	242.65	
			<i>For Class 56 Rating, Add</i>	322.52	



	MINOR						TOTAL DIRECT	DEMOLITION
	CSI	UOM	DESCRIPTION				UNIT COST	UNIT COST
40 05 19 00-2660	EA		6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				1,540.47	241.14
			<i>For Class 52 Rating, Deduct</i>				-129.26	
			<i>For Class 54 Rating, Add</i>				180.65	
			<i>For Class 55 Rating, Add</i>				270.82	
			<i>For Class 56 Rating, Add</i>				359.81	
40 05 19 00-2661	EA		6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				1,671.08	244.32
			<i>For Class 52 Rating, Deduct</i>				-143.10	
			<i>For Class 54 Rating, Add</i>				199.58	
			<i>For Class 55 Rating, Add</i>				298.99	
			<i>For Class 56 Rating, Add</i>				397.09	
40 05 19 00-2662	EA		6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				1,801.68	247.49
			<i>For Class 52 Rating, Deduct</i>				-156.94	
			<i>For Class 54 Rating, Add</i>				218.50	
			<i>For Class 55 Rating, Add</i>				327.15	
			<i>For Class 56 Rating, Add</i>				434.38	
40 05 19 00-2663	EA		6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				1,932.30	250.67
			<i>For Class 52 Rating, Deduct</i>				-170.78	
			<i>For Class 54 Rating, Add</i>				237.43	
			<i>For Class 55 Rating, Add</i>				355.32	
			<i>For Class 56 Rating, Add</i>				471.66	
40 05 19 00-2664	EA		6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,062.91	253.84
			<i>For Class 52 Rating, Deduct</i>				-184.61	
			<i>For Class 54 Rating, Add</i>				256.36	
			<i>For Class 55 Rating, Add</i>				383.49	
			<i>For Class 56 Rating, Add</i>				508.94	
40 05 19 00-2665	EA		6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,193.51	257.01
			<i>For Class 52 Rating, Deduct</i>				-198.45	
			<i>For Class 54 Rating, Add</i>				275.29	
			<i>For Class 55 Rating, Add</i>				411.66	
			<i>For Class 56 Rating, Add</i>				546.23	
40 05 19 00-2666	EA		6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,324.13	260.19
			<i>For Class 52 Rating, Deduct</i>				-212.29	
			<i>For Class 54 Rating, Add</i>				294.22	
			<i>For Class 55 Rating, Add</i>				439.83	
			<i>For Class 56 Rating, Add</i>				583.52	
40 05 19 00-2667	EA		6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,454.73	263.35
			<i>For Class 52 Rating, Deduct</i>				-226.13	
			<i>For Class 54 Rating, Add</i>				313.14	
			<i>For Class 55 Rating, Add</i>				468.00	
			<i>For Class 56 Rating, Add</i>				620.80	
40 05 19 00-2668	EA		6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,585.34	266.53
			<i>For Class 52 Rating, Deduct</i>				-239.97	
			<i>For Class 54 Rating, Add</i>				332.07	
			<i>For Class 55 Rating, Add</i>				496.17	
			<i>For Class 56 Rating, Add</i>				658.08	
40 05 19 00-2669	EA		6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,715.95	269.70
			<i>For Class 52 Rating, Deduct</i>				-253.80	
			<i>For Class 54 Rating, Add</i>				351.00	
			<i>For Class 55 Rating, Add</i>				524.34	
			<i>For Class 56 Rating, Add</i>				695.37	
40 05 19 00-2670	EA		6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,846.56	272.87
			<i>For Class 52 Rating, Deduct</i>				-267.64	
			<i>For Class 54 Rating, Add</i>				369.93	
			<i>For Class 55 Rating, Add</i>				552.51	
			<i>For Class 56 Rating, Add</i>				732.65	
40 05 19 00-2671	EA		6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				2,977.17	276.05
			<i>For Class 52 Rating, Deduct</i>				-281.48	
			<i>For Class 54 Rating, Add</i>				388.86	
			<i>For Class 55 Rating, Add</i>				580.68	
			<i>For Class 56 Rating, Add</i>				769.94	
40 05 19 00-2672	EA		6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				3,107.77	279.22
			<i>For Class 52 Rating, Deduct</i>				-295.32	
			<i>For Class 54 Rating, Add</i>				407.78	
			<i>For Class 55 Rating, Add</i>				608.84	
			<i>For Class 56 Rating, Add</i>				807.22	
40 05 19 00-2673	EA		6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				3,238.39	282.40
			<i>For Class 52 Rating, Deduct</i>				-309.16	
			<i>For Class 54 Rating, Add</i>				426.71	
			<i>For Class 55 Rating, Add</i>				637.01	
			<i>For Class 56 Rating, Add</i>				844.51	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,368.99	285.57
		<i>For Class 52 Rating, Deduct</i>		-323.00	
		<i>For Class 54 Rating, Add</i>		445.64	
		<i>For Class 55 Rating, Add</i>		665.18	
		<i>For Class 56 Rating, Add</i>		881.79	
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,499.60	288.75
		<i>For Class 52 Rating, Deduct</i>		-336.83	
		<i>For Class 54 Rating, Add</i>		464.57	
		<i>For Class 55 Rating, Add</i>		693.35	
		<i>For Class 56 Rating, Add</i>		919.07	
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,630.22	291.91
		<i>For Class 52 Rating, Deduct</i>		-350.67	
		<i>For Class 54 Rating, Add</i>		483.50	
		<i>For Class 55 Rating, Add</i>		721.52	
		<i>For Class 56 Rating, Add</i>		956.36	
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,760.82	295.08
		<i>For Class 52 Rating, Deduct</i>		-364.51	
		<i>For Class 54 Rating, Add</i>		502.42	
		<i>For Class 55 Rating, Add</i>		749.69	
		<i>For Class 56 Rating, Add</i>		993.64	
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,891.43	298.26
		<i>For Class 52 Rating, Deduct</i>		-378.35	
		<i>For Class 54 Rating, Add</i>		521.35	
		<i>For Class 55 Rating, Add</i>		777.86	
		<i>For Class 56 Rating, Add</i>		1,030.93	
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,022.03	301.43
		<i>For Class 52 Rating, Deduct</i>		-392.19	
		<i>For Class 54 Rating, Add</i>		540.28	
		<i>For Class 55 Rating, Add</i>		806.03	
		<i>For Class 56 Rating, Add</i>		1,068.21	
40 05 19 00-2680	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,152.64	304.61
		<i>For Class 52 Rating, Deduct</i>		-406.02	
		<i>For Class 54 Rating, Add</i>		559.21	
		<i>For Class 55 Rating, Add</i>		834.20	
		<i>For Class 56 Rating, Add</i>		1,105.50	
40 05 19 00-2681	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,283.26	307.78
		<i>For Class 52 Rating, Deduct</i>		-419.86	
		<i>For Class 54 Rating, Add</i>		578.14	
		<i>For Class 55 Rating, Add</i>		862.37	
		<i>For Class 56 Rating, Add</i>		1,142.78	
40 05 19 00-2682	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,413.87	310.95
		<i>For Class 52 Rating, Deduct</i>		-433.70	
		<i>For Class 54 Rating, Add</i>		597.06	
		<i>For Class 55 Rating, Add</i>		890.54	
		<i>For Class 56 Rating, Add</i>		1,180.07	
40 05 19 00-2683	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,544.48	314.13
		<i>For Class 52 Rating, Deduct</i>		-447.54	
		<i>For Class 54 Rating, Add</i>		615.99	
		<i>For Class 55 Rating, Add</i>		918.70	
		<i>For Class 56 Rating, Add</i>		1,217.35	
40 05 19 00-2684	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,675.08	317.29
		<i>For Class 52 Rating, Deduct</i>		-461.38	
		<i>For Class 54 Rating, Add</i>		634.92	
		<i>For Class 55 Rating, Add</i>		946.87	
		<i>For Class 56 Rating, Add</i>		1,254.63	
40 05 19 00-2685	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,805.69	320.47
		<i>For Class 52 Rating, Deduct</i>		-475.21	
		<i>For Class 54 Rating, Add</i>		653.85	
		<i>For Class 55 Rating, Add</i>		975.04	
		<i>For Class 56 Rating, Add</i>		1,291.92	
40 05 19 00-2686	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,936.30	323.64
		<i>For Class 52 Rating, Deduct</i>		-489.05	
		<i>For Class 54 Rating, Add</i>		672.77	
		<i>For Class 55 Rating, Add</i>		1,003.21	
		<i>For Class 56 Rating, Add</i>		1,329.20	
40 05 19 00-2687	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		5,066.90	326.81
		<i>For Class 52 Rating, Deduct</i>		-502.89	
		<i>For Class 54 Rating, Add</i>		691.70	
		<i>For Class 55 Rating, Add</i>		1,031.38	
		<i>For Class 56 Rating, Add</i>		1,366.49	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2688 EA 6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,197.51	329.99
<i>For Class 52 Rating, Deduct</i>	-516.73	
<i>For Class 54 Rating, Add</i>	710.63	
<i>For Class 55 Rating, Add</i>	1,059.55	
<i>For Class 56 Rating, Add</i>	1,403.77	
40 05 19 00-2689 EA 6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,328.13	333.16
<i>For Class 52 Rating, Deduct</i>	-530.57	
<i>For Class 54 Rating, Add</i>	729.56	
<i>For Class 55 Rating, Add</i>	1,087.72	
<i>For Class 56 Rating, Add</i>	1,441.06	
40 05 19 00-2690 EA 6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,458.74	336.34
<i>For Class 52 Rating, Deduct</i>	-544.41	
<i>For Class 54 Rating, Add</i>	748.49	
<i>For Class 55 Rating, Add</i>	1,115.89	
<i>For Class 56 Rating, Add</i>	1,478.34	
40 05 19 00-2691 EA 6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,589.35	339.51
<i>For Class 52 Rating, Deduct</i>	-558.24	
<i>For Class 54 Rating, Add</i>	767.41	
<i>For Class 55 Rating, Add</i>	1,144.06	
<i>For Class 56 Rating, Add</i>	1,515.63	
40 05 19 00-2692 EA 6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,719.95	342.69
<i>For Class 52 Rating, Deduct</i>	-572.08	
<i>For Class 54 Rating, Add</i>	786.34	
<i>For Class 55 Rating, Add</i>	1,172.23	
<i>For Class 56 Rating, Add</i>	1,552.91	
40 05 19 00-2693 EA 6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,850.56	345.85
<i>For Class 52 Rating, Deduct</i>	-585.92	
<i>For Class 54 Rating, Add</i>	805.27	
<i>For Class 55 Rating, Add</i>	1,200.39	
<i>For Class 56 Rating, Add</i>	1,590.19	
40 05 19 00-2694 EA 6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,981.16	349.02
<i>For Class 52 Rating, Deduct</i>	-599.76	
<i>For Class 54 Rating, Add</i>	824.20	
<i>For Class 55 Rating, Add</i>	1,228.56	
<i>For Class 56 Rating, Add</i>	1,627.48	
<b>40 05 19 00-2695 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2614)</small>		
40 05 19 00-2696 EA 8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,397.25	291.91
<i>For Class 52 Rating, Deduct</i>	-105.04	
<i>For Class 54 Rating, Add</i>	148.55	
<i>For Class 55 Rating, Add</i>	223.57	
<i>For Class 56 Rating, Add</i>	297.63	
40 05 19 00-2697 EA 8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,565.02	295.08
<i>For Class 52 Rating, Deduct</i>	-122.97	
<i>For Class 54 Rating, Add</i>	173.05	
<i>For Class 55 Rating, Add</i>	260.03	
<i>For Class 56 Rating, Add</i>	345.88	
40 05 19 00-2698 EA 8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,732.80	298.26
<i>For Class 52 Rating, Deduct</i>	-140.90	
<i>For Class 54 Rating, Add</i>	197.56	
<i>For Class 55 Rating, Add</i>	296.48	
<i>For Class 56 Rating, Add</i>	394.13	
40 05 19 00-2699 EA 8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	1,900.57	301.43
<i>For Class 52 Rating, Deduct</i>	-158.82	
<i>For Class 54 Rating, Add</i>	222.06	
<i>For Class 55 Rating, Add</i>	332.94	
<i>For Class 56 Rating, Add</i>	442.38	
40 05 19 00-2700 EA 8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,068.35	304.61
<i>For Class 52 Rating, Deduct</i>	-176.75	
<i>For Class 54 Rating, Add</i>	246.56	
<i>For Class 55 Rating, Add</i>	369.40	
<i>For Class 56 Rating, Add</i>	490.63	
40 05 19 00-2701 EA 8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	2,236.13	307.78
<i>For Class 52 Rating, Deduct</i>	-194.68	
<i>For Class 54 Rating, Add</i>	271.07	
<i>For Class 55 Rating, Add</i>	405.86	
<i>For Class 56 Rating, Add</i>	538.88	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2702	EA	8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,403.91	310.95
		<i>For Class 52 Rating, Deduct</i>		-212.60	
		<i>For Class 54 Rating, Add</i>		295.57	
		<i>For Class 55 Rating, Add</i>		442.32	
		<i>For Class 56 Rating, Add</i>		587.13	
40 05 19 00-2703	EA	8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,571.69	314.13
		<i>For Class 52 Rating, Deduct</i>		-230.53	
		<i>For Class 54 Rating, Add</i>		320.07	
		<i>For Class 55 Rating, Add</i>		478.77	
		<i>For Class 56 Rating, Add</i>		635.38	
40 05 19 00-2704	EA	8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,739.45	317.29
		<i>For Class 52 Rating, Deduct</i>		-248.46	
		<i>For Class 54 Rating, Add</i>		344.57	
		<i>For Class 55 Rating, Add</i>		515.23	
		<i>For Class 56 Rating, Add</i>		683.62	
40 05 19 00-2705	EA	8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		2,907.23	320.47
		<i>For Class 52 Rating, Deduct</i>		-266.38	
		<i>For Class 54 Rating, Add</i>		369.08	
		<i>For Class 55 Rating, Add</i>		551.69	
		<i>For Class 56 Rating, Add</i>		731.87	
40 05 19 00-2706	EA	8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,075.01	323.64
		<i>For Class 52 Rating, Deduct</i>		-284.31	
		<i>For Class 54 Rating, Add</i>		393.58	
		<i>For Class 55 Rating, Add</i>		588.14	
		<i>For Class 56 Rating, Add</i>		780.12	
40 05 19 00-2707	EA	8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,242.78	326.81
		<i>For Class 52 Rating, Deduct</i>		-302.24	
		<i>For Class 54 Rating, Add</i>		418.08	
		<i>For Class 55 Rating, Add</i>		624.60	
		<i>For Class 56 Rating, Add</i>		828.37	
40 05 19 00-2708	EA	8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,410.56	329.99
		<i>For Class 52 Rating, Deduct</i>		-320.16	
		<i>For Class 54 Rating, Add</i>		442.59	
		<i>For Class 55 Rating, Add</i>		661.06	
		<i>For Class 56 Rating, Add</i>		876.62	
40 05 19 00-2709	EA	8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,578.34	333.16
		<i>For Class 52 Rating, Deduct</i>		-338.09	
		<i>For Class 54 Rating, Add</i>		467.09	
		<i>For Class 55 Rating, Add</i>		697.52	
		<i>For Class 56 Rating, Add</i>		924.87	
40 05 19 00-2710	EA	8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,746.12	336.34
		<i>For Class 52 Rating, Deduct</i>		-356.02	
		<i>For Class 54 Rating, Add</i>		491.59	
		<i>For Class 55 Rating, Add</i>		733.97	
		<i>For Class 56 Rating, Add</i>		973.12	
40 05 19 00-2711	EA	8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		3,913.90	339.51
		<i>For Class 52 Rating, Deduct</i>		-373.94	
		<i>For Class 54 Rating, Add</i>		516.10	
		<i>For Class 55 Rating, Add</i>		770.43	
		<i>For Class 56 Rating, Add</i>		1,021.37	
40 05 19 00-2712	EA	8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,081.67	342.69
		<i>For Class 52 Rating, Deduct</i>		-391.87	
		<i>For Class 54 Rating, Add</i>		540.60	
		<i>For Class 55 Rating, Add</i>		806.89	
		<i>For Class 56 Rating, Add</i>		1,069.62	
40 05 19 00-2713	EA	8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,249.45	345.85
		<i>For Class 52 Rating, Deduct</i>		-409.80	
		<i>For Class 54 Rating, Add</i>		565.10	
		<i>For Class 55 Rating, Add</i>		843.35	
		<i>For Class 56 Rating, Add</i>		1,117.87	
40 05 19 00-2714	EA	8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,417.22	349.02
		<i>For Class 52 Rating, Deduct</i>		-427.72	
		<i>For Class 54 Rating, Add</i>		589.61	
		<i>For Class 55 Rating, Add</i>		879.80	
		<i>For Class 56 Rating, Add</i>		1,166.12	
40 05 19 00-2715	EA	8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,585.01	352.20
		<i>For Class 52 Rating, Deduct</i>		-445.65	
		<i>For Class 54 Rating, Add</i>		614.11	
		<i>For Class 55 Rating, Add</i>		916.26	
		<i>For Class 56 Rating, Add</i>		1,214.37	





Process Interconnections	40
Common Work Results For Process Interconnections	40 05
Ductile Iron Process Pipe	40 05 19

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2716 EA 8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,752.79	355.37
<i>For Class 52 Rating, Deduct</i>	-463.58	
<i>For Class 54 Rating, Add</i>	638.61	
<i>For Class 55 Rating, Add</i>	952.72	
<i>For Class 56 Rating, Add</i>	1,262.61	
40 05 19 00-2717 EA 8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,920.56	358.55
<i>For Class 52 Rating, Deduct</i>	-481.50	
<i>For Class 54 Rating, Add</i>	663.12	
<i>For Class 55 Rating, Add</i>	989.18	
<i>For Class 56 Rating, Add</i>	1,310.86	
40 05 19 00-2718 EA 8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,088.34	361.72
<i>For Class 52 Rating, Deduct</i>	-499.43	
<i>For Class 54 Rating, Add</i>	687.62	
<i>For Class 55 Rating, Add</i>	1,025.64	
<i>For Class 56 Rating, Add</i>	1,359.11	
40 05 19 00-2719 EA 8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,256.11	364.89
<i>For Class 52 Rating, Deduct</i>	-517.36	
<i>For Class 54 Rating, Add</i>	712.12	
<i>For Class 55 Rating, Add</i>	1,062.09	
<i>For Class 56 Rating, Add</i>	1,407.36	
40 05 19 00-2720 EA 8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,423.89	368.07
<i>For Class 52 Rating, Deduct</i>	-535.28	
<i>For Class 54 Rating, Add</i>	736.63	
<i>For Class 55 Rating, Add</i>	1,098.55	
<i>For Class 56 Rating, Add</i>	1,455.61	
40 05 19 00-2721 EA 8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,591.68	371.24
<i>For Class 52 Rating, Deduct</i>	-553.21	
<i>For Class 54 Rating, Add</i>	761.13	
<i>For Class 55 Rating, Add</i>	1,135.01	
<i>For Class 56 Rating, Add</i>	1,503.86	
40 05 19 00-2722 EA 8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,759.45	374.41
<i>For Class 52 Rating, Deduct</i>	-571.14	
<i>For Class 54 Rating, Add</i>	785.63	
<i>For Class 55 Rating, Add</i>	1,171.47	
<i>For Class 56 Rating, Add</i>	1,552.11	
40 05 19 00-2723 EA 8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,927.23	377.58
<i>For Class 52 Rating, Deduct</i>	-589.06	
<i>For Class 54 Rating, Add</i>	810.13	
<i>For Class 55 Rating, Add</i>	1,207.92	
<i>For Class 56 Rating, Add</i>	1,600.36	
40 05 19 00-2724 EA 8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,095.00	380.75
<i>For Class 52 Rating, Deduct</i>	-606.99	
<i>For Class 54 Rating, Add</i>	834.64	
<i>For Class 55 Rating, Add</i>	1,244.38	
<i>For Class 56 Rating, Add</i>	1,648.61	
40 05 19 00-2725 EA 8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,262.78	383.93
<i>For Class 52 Rating, Deduct</i>	-624.92	
<i>For Class 54 Rating, Add</i>	859.14	
<i>For Class 55 Rating, Add</i>	1,280.84	
<i>For Class 56 Rating, Add</i>	1,696.86	
40 05 19 00-2726 EA 8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,430.55	387.10
<i>For Class 52 Rating, Deduct</i>	-642.84	
<i>For Class 54 Rating, Add</i>	883.64	
<i>For Class 55 Rating, Add</i>	1,317.30	
<i>For Class 56 Rating, Add</i>	1,745.11	
40 05 19 00-2727 EA 8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,598.34	390.28
<i>For Class 52 Rating, Deduct</i>	-660.77	
<i>For Class 54 Rating, Add</i>	908.15	
<i>For Class 55 Rating, Add</i>	1,353.76	
<i>For Class 56 Rating, Add</i>	1,793.36	
40 05 19 00-2728 EA 8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,766.12	393.45
<i>For Class 52 Rating, Deduct</i>	-678.70	
<i>For Class 54 Rating, Add</i>	932.65	
<i>For Class 55 Rating, Add</i>	1,390.21	
<i>For Class 56 Rating, Add</i>	1,841.61	
40 05 19 00-2729 EA 8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,933.89	396.63
<i>For Class 52 Rating, Deduct</i>	-696.62	
<i>For Class 54 Rating, Add</i>	957.15	
<i>For Class 55 Rating, Add</i>	1,426.67	
<i>For Class 56 Rating, Add</i>	1,889.85	

**40 Process Interconnections**

**40 05 Common Work Results For Process Interconnections**

**40 05 19 Ductile Iron Process Pipe**



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2730	EA	8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,101.67	399.79
		<i>For Class 52 Rating, Deduct</i>		-714.55	
		<i>For Class 54 Rating, Add</i>		981.66	
		<i>For Class 55 Rating, Add</i>		1,463.13	
		<i>For Class 56 Rating, Add</i>		1,938.10	
40 05 19 00-2731	EA	8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,269.44	402.96
		<i>For Class 52 Rating, Deduct</i>		-732.48	
		<i>For Class 54 Rating, Add</i>		1,006.16	
		<i>For Class 55 Rating, Add</i>		1,499.59	
		<i>For Class 56 Rating, Add</i>		1,986.35	
40 05 19 00-2732	EA	8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,437.22	406.14
		<i>For Class 52 Rating, Deduct</i>		-750.40	
		<i>For Class 54 Rating, Add</i>		1,030.66	
		<i>For Class 55 Rating, Add</i>		1,536.04	
		<i>For Class 56 Rating, Add</i>		2,034.60	
40 05 19 00-2733	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,605.00	409.31
		<i>For Class 52 Rating, Deduct</i>		-768.33	
		<i>For Class 54 Rating, Add</i>		1,055.17	
		<i>For Class 55 Rating, Add</i>		1,572.50	
		<i>For Class 56 Rating, Add</i>		2,082.85	
40 05 19 00-2734	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,772.78	412.49
		<i>For Class 52 Rating, Deduct</i>		-786.26	
		<i>For Class 54 Rating, Add</i>		1,079.67	
		<i>For Class 55 Rating, Add</i>		1,608.96	
		<i>For Class 56 Rating, Add</i>		2,131.10	
40 05 19 00-2735		<b>10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b>			
		<small>(40 05 19 00-2614)</small>			
40 05 19 00-2736	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,756.44	355.37
		<i>For Class 52 Rating, Deduct</i>		-133.98	
		<i>For Class 54 Rating, Add</i>		189.16	
		<i>For Class 55 Rating, Add</i>		284.53	
		<i>For Class 56 Rating, Add</i>		378.69	
40 05 19 00-2737	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		1,972.81	358.55
		<i>For Class 52 Rating, Deduct</i>		-157.25	
		<i>For Class 54 Rating, Add</i>		220.95	
		<i>For Class 55 Rating, Add</i>		331.83	
		<i>For Class 56 Rating, Add</i>		441.28	
40 05 19 00-2738	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,189.19	361.72
		<i>For Class 52 Rating, Deduct</i>		-180.52	
		<i>For Class 54 Rating, Add</i>		252.75	
		<i>For Class 55 Rating, Add</i>		379.13	
		<i>For Class 56 Rating, Add</i>		503.86	
40 05 19 00-2739	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,405.57	364.89
		<i>For Class 52 Rating, Deduct</i>		-203.80	
		<i>For Class 54 Rating, Add</i>		284.54	
		<i>For Class 55 Rating, Add</i>		426.42	
		<i>For Class 56 Rating, Add</i>		566.45	
40 05 19 00-2740	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,621.95	368.07
		<i>For Class 52 Rating, Deduct</i>		-227.07	
		<i>For Class 54 Rating, Add</i>		316.33	
		<i>For Class 55 Rating, Add</i>		473.72	
		<i>For Class 56 Rating, Add</i>		629.04	
40 05 19 00-2741	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		2,838.35	371.24
		<i>For Class 52 Rating, Deduct</i>		-250.34	
		<i>For Class 54 Rating, Add</i>		348.13	
		<i>For Class 55 Rating, Add</i>		521.02	
		<i>For Class 56 Rating, Add</i>		691.63	
40 05 19 00-2742	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,054.72	374.41
		<i>For Class 52 Rating, Deduct</i>		-273.62	
		<i>For Class 54 Rating, Add</i>		379.92	
		<i>For Class 55 Rating, Add</i>		568.31	
		<i>For Class 56 Rating, Add</i>		754.21	
40 05 19 00-2743	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,271.11	377.58
		<i>For Class 52 Rating, Deduct</i>		-296.89	
		<i>For Class 54 Rating, Add</i>		411.72	
		<i>For Class 55 Rating, Add</i>		615.61	
		<i>For Class 56 Rating, Add</i>		816.80	



	MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
	CSI	UOM		UNIT COST	UNIT COST
40 05 19 00-2744	EA		10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,487.48	380.75
			<i>For Class 52 Rating, Deduct</i>	-320.16	
			<i>For Class 54 Rating, Add</i>	443.51	
			<i>For Class 55 Rating, Add</i>	662.90	
			<i>For Class 56 Rating, Add</i>	879.39	
40 05 19 00-2745	EA		10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,703.87	383.93
			<i>For Class 52 Rating, Deduct</i>	-343.44	
			<i>For Class 54 Rating, Add</i>	475.30	
			<i>For Class 55 Rating, Add</i>	710.20	
			<i>For Class 56 Rating, Add</i>	941.98	
40 05 19 00-2746	EA		10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	3,920.24	387.10
			<i>For Class 52 Rating, Deduct</i>	-366.71	
			<i>For Class 54 Rating, Add</i>	507.10	
			<i>For Class 55 Rating, Add</i>	757.50	
			<i>For Class 56 Rating, Add</i>	1,004.56	
40 05 19 00-2747	EA		10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,136.64	390.28
			<i>For Class 52 Rating, Deduct</i>	-389.98	
			<i>For Class 54 Rating, Add</i>	538.89	
			<i>For Class 55 Rating, Add</i>	804.80	
			<i>For Class 56 Rating, Add</i>	1,067.15	
40 05 19 00-2748	EA		10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,353.02	393.45
			<i>For Class 52 Rating, Deduct</i>	-413.26	
			<i>For Class 54 Rating, Add</i>	570.69	
			<i>For Class 55 Rating, Add</i>	852.09	
			<i>For Class 56 Rating, Add</i>	1,129.74	
40 05 19 00-2749	EA		10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,569.40	396.63
			<i>For Class 52 Rating, Deduct</i>	-436.53	
			<i>For Class 54 Rating, Add</i>	602.48	
			<i>For Class 55 Rating, Add</i>	899.39	
			<i>For Class 56 Rating, Add</i>	1,192.33	
40 05 19 00-2750	EA		10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,785.78	399.79
			<i>For Class 52 Rating, Deduct</i>	-459.80	
			<i>For Class 54 Rating, Add</i>	634.27	
			<i>For Class 55 Rating, Add</i>	946.68	
			<i>For Class 56 Rating, Add</i>	1,254.92	
40 05 19 00-2751	EA		10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,002.16	402.96
			<i>For Class 52 Rating, Deduct</i>	-483.08	
			<i>For Class 54 Rating, Add</i>	666.07	
			<i>For Class 55 Rating, Add</i>	993.98	
			<i>For Class 56 Rating, Add</i>	1,317.50	
40 05 19 00-2752	EA		10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,218.54	406.14
			<i>For Class 52 Rating, Deduct</i>	-506.35	
			<i>For Class 54 Rating, Add</i>	697.86	
			<i>For Class 55 Rating, Add</i>	1,041.28	
			<i>For Class 56 Rating, Add</i>	1,380.09	
40 05 19 00-2753	EA		10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,434.93	409.31
			<i>For Class 52 Rating, Deduct</i>	-529.62	
			<i>For Class 54 Rating, Add</i>	729.66	
			<i>For Class 55 Rating, Add</i>	1,088.58	
			<i>For Class 56 Rating, Add</i>	1,442.68	
40 05 19 00-2754	EA		10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,651.31	412.49
			<i>For Class 52 Rating, Deduct</i>	-552.90	
			<i>For Class 54 Rating, Add</i>	761.45	
			<i>For Class 55 Rating, Add</i>	1,135.87	
			<i>For Class 56 Rating, Add</i>	1,505.27	
40 05 19 00-2755	EA		10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,867.70	415.66
			<i>For Class 52 Rating, Deduct</i>	-576.17	
			<i>For Class 54 Rating, Add</i>	793.24	
			<i>For Class 55 Rating, Add</i>	1,183.17	
			<i>For Class 56 Rating, Add</i>	1,567.86	
40 05 19 00-2756	EA		10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,084.07	418.83
			<i>For Class 52 Rating, Deduct</i>	-599.44	
			<i>For Class 54 Rating, Add</i>	825.04	
			<i>For Class 55 Rating, Add</i>	1,230.46	
			<i>For Class 56 Rating, Add</i>	1,630.44	
40 05 19 00-2757	EA		10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,300.46	422.01
			<i>For Class 52 Rating, Deduct</i>	-622.72	
			<i>For Class 54 Rating, Add</i>	856.83	
			<i>For Class 55 Rating, Add</i>	1,277.76	
			<i>For Class 56 Rating, Add</i>	1,693.03	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2758	EA	10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,516.84	425.18
		<i>For Class 52 Rating, Deduct</i>		-645.99	
		<i>For Class 54 Rating, Add</i>		888.63	
		<i>For Class 55 Rating, Add</i>		1,325.06	
		<i>For Class 56 Rating, Add</i>		1,755.62	
40 05 19 00-2759	EA	10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,733.22	428.35
		<i>For Class 52 Rating, Deduct</i>		-669.26	
		<i>For Class 54 Rating, Add</i>		920.42	
		<i>For Class 55 Rating, Add</i>		1,372.36	
		<i>For Class 56 Rating, Add</i>		1,818.21	
40 05 19 00-2760	EA	10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,949.61	431.52
		<i>For Class 52 Rating, Deduct</i>		-692.54	
		<i>For Class 54 Rating, Add</i>		952.21	
		<i>For Class 55 Rating, Add</i>		1,419.65	
		<i>For Class 56 Rating, Add</i>		1,880.79	
40 05 19 00-2761	EA	10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,165.99	434.69
		<i>For Class 52 Rating, Deduct</i>		-715.81	
		<i>For Class 54 Rating, Add</i>		984.01	
		<i>For Class 55 Rating, Add</i>		1,466.95	
		<i>For Class 56 Rating, Add</i>		1,943.38	
40 05 19 00-2762	EA	10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,382.37	437.87
		<i>For Class 52 Rating, Deduct</i>		-739.08	
		<i>For Class 54 Rating, Add</i>		1,015.80	
		<i>For Class 55 Rating, Add</i>		1,514.24	
		<i>For Class 56 Rating, Add</i>		2,005.97	
40 05 19 00-2763	EA	10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,598.76	441.04
		<i>For Class 52 Rating, Deduct</i>		-762.36	
		<i>For Class 54 Rating, Add</i>		1,047.60	
		<i>For Class 55 Rating, Add</i>		1,561.54	
		<i>For Class 56 Rating, Add</i>		2,068.56	
40 05 19 00-2764	EA	10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,815.13	444.22
		<i>For Class 52 Rating, Deduct</i>		-785.63	
		<i>For Class 54 Rating, Add</i>		1,079.39	
		<i>For Class 55 Rating, Add</i>		1,608.84	
		<i>For Class 56 Rating, Add</i>		2,131.14	
40 05 19 00-2765	EA	10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,031.52	447.39
		<i>For Class 52 Rating, Deduct</i>		-808.90	
		<i>For Class 54 Rating, Add</i>		1,111.18	
		<i>For Class 55 Rating, Add</i>		1,656.13	
		<i>For Class 56 Rating, Add</i>		2,193.73	
40 05 19 00-2766	EA	10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,247.90	450.57
		<i>For Class 52 Rating, Deduct</i>		-832.18	
		<i>For Class 54 Rating, Add</i>		1,142.98	
		<i>For Class 55 Rating, Add</i>		1,703.43	
		<i>For Class 56 Rating, Add</i>		2,256.32	
40 05 19 00-2767	EA	10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,464.29	453.74
		<i>For Class 52 Rating, Deduct</i>		-855.45	
		<i>For Class 54 Rating, Add</i>		1,174.77	
		<i>For Class 55 Rating, Add</i>		1,750.73	
		<i>For Class 56 Rating, Add</i>		2,318.91	
40 05 19 00-2768	EA	10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,680.67	456.90
		<i>For Class 52 Rating, Deduct</i>		-878.72	
		<i>For Class 54 Rating, Add</i>		1,206.56	
		<i>For Class 55 Rating, Add</i>		1,798.02	
		<i>For Class 56 Rating, Add</i>		2,381.49	
40 05 19 00-2769	EA	10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,897.05	460.08
		<i>For Class 52 Rating, Deduct</i>		-902.00	
		<i>For Class 54 Rating, Add</i>		1,238.36	
		<i>For Class 55 Rating, Add</i>		1,845.32	
		<i>For Class 56 Rating, Add</i>		2,444.08	
40 05 19 00-2770	EA	10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,113.43	463.25
		<i>For Class 52 Rating, Deduct</i>		-925.27	
		<i>For Class 54 Rating, Add</i>		1,270.15	
		<i>For Class 55 Rating, Add</i>		1,892.62	
		<i>For Class 56 Rating, Add</i>		2,506.67	
40 05 19 00-2771	EA	10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,329.81	466.43
		<i>For Class 52 Rating, Deduct</i>		-948.54	
		<i>For Class 54 Rating, Add</i>		1,301.95	
		<i>For Class 55 Rating, Add</i>		1,939.91	
		<i>For Class 56 Rating, Add</i>		2,569.26	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2772 EA 10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,546.19	469.60
<i>For Class 52 Rating, Deduct</i>	-971.81	
<i>For Class 54 Rating, Add</i>	1,333.74	
<i>For Class 55 Rating, Add</i>	1,987.21	
<i>For Class 56 Rating, Add</i>	2,631.84	
40 05 19 00-2773 EA 10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,762.59	472.77
<i>For Class 52 Rating, Deduct</i>	-995.09	
<i>For Class 54 Rating, Add</i>	1,365.53	
<i>For Class 55 Rating, Add</i>	2,034.51	
<i>For Class 56 Rating, Add</i>	2,694.43	
40 05 19 00-2774 EA 10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,978.96	475.95
<i>For Class 52 Rating, Deduct</i>	-1,018.36	
<i>For Class 54 Rating, Add</i>	1,397.33	
<i>For Class 55 Rating, Add</i>	2,081.80	
<i>For Class 56 Rating, Add</i>	2,757.02	
<b>40 05 19 00-2775 12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2614)</small>		
40 05 19 00-2776 EA 12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,274.16	444.22
<i>For Class 52 Rating, Deduct</i>	-176.12	
<i>For Class 54 Rating, Add</i>	248.24	
<i>For Class 55 Rating, Add</i>	373.20	
<i>For Class 56 Rating, Add</i>	496.56	
40 05 19 00-2777 EA 12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,542.01	447.39
<i>For Class 52 Rating, Deduct</i>	-205.06	
<i>For Class 54 Rating, Add</i>	287.76	
<i>For Class 55 Rating, Add</i>	431.97	
<i>For Class 56 Rating, Add</i>	574.33	
40 05 19 00-2778 EA 12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,809.86	450.57
<i>For Class 52 Rating, Deduct</i>	-233.99	
<i>For Class 54 Rating, Add</i>	327.27	
<i>For Class 55 Rating, Add</i>	490.75	
<i>For Class 56 Rating, Add</i>	652.10	
40 05 19 00-2779 EA 12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,077.70	453.74
<i>For Class 52 Rating, Deduct</i>	-262.92	
<i>For Class 54 Rating, Add</i>	366.78	
<i>For Class 55 Rating, Add</i>	549.52	
<i>For Class 56 Rating, Add</i>	729.86	
40 05 19 00-2780 EA 12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,345.55	456.90
<i>For Class 52 Rating, Deduct</i>	-291.86	
<i>For Class 54 Rating, Add</i>	406.30	
<i>For Class 55 Rating, Add</i>	608.29	
<i>For Class 56 Rating, Add</i>	807.63	
40 05 19 00-2781 EA 12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,613.39	460.08
<i>For Class 52 Rating, Deduct</i>	-320.79	
<i>For Class 54 Rating, Add</i>	445.81	
<i>For Class 55 Rating, Add</i>	667.07	
<i>For Class 56 Rating, Add</i>	885.40	
40 05 19 00-2782 EA 12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,881.24	463.25
<i>For Class 52 Rating, Deduct</i>	-349.73	
<i>For Class 54 Rating, Add</i>	485.32	
<i>For Class 55 Rating, Add</i>	725.84	
<i>For Class 56 Rating, Add</i>	963.17	
40 05 19 00-2783 EA 12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,149.08	466.43
<i>For Class 52 Rating, Deduct</i>	-378.66	
<i>For Class 54 Rating, Add</i>	524.84	
<i>For Class 55 Rating, Add</i>	784.61	
<i>For Class 56 Rating, Add</i>	1,040.94	
40 05 19 00-2784 EA 12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,416.93	469.60
<i>For Class 52 Rating, Deduct</i>	-407.60	
<i>For Class 54 Rating, Add</i>	564.35	
<i>For Class 55 Rating, Add</i>	843.38	
<i>For Class 56 Rating, Add</i>	1,118.71	
40 05 19 00-2785 EA 12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,684.79	472.77
<i>For Class 52 Rating, Deduct</i>	-436.53	
<i>For Class 54 Rating, Add</i>	603.86	
<i>For Class 55 Rating, Add</i>	902.16	
<i>For Class 56 Rating, Add</i>	1,196.48	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2786	EA	12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		4,952.63	475.95
		<i>For Class 52 Rating, Deduct</i>		-465.47	
		<i>For Class 54 Rating, Add</i>		643.38	
		<i>For Class 55 Rating, Add</i>		960.93	
		<i>For Class 56 Rating, Add</i>		1,274.25	
40 05 19 00-2787	EA	12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		5,220.48	479.12
		<i>For Class 52 Rating, Deduct</i>		-494.40	
		<i>For Class 54 Rating, Add</i>		682.89	
		<i>For Class 55 Rating, Add</i>		1,019.70	
		<i>For Class 56 Rating, Add</i>		1,352.02	
40 05 19 00-2788	EA	12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		5,488.32	482.29
		<i>For Class 52 Rating, Deduct</i>		-523.33	
		<i>For Class 54 Rating, Add</i>		722.41	
		<i>For Class 55 Rating, Add</i>		1,078.48	
		<i>For Class 56 Rating, Add</i>		1,429.79	
40 05 19 00-2789	EA	12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		5,756.16	485.46
		<i>For Class 52 Rating, Deduct</i>		-552.27	
		<i>For Class 54 Rating, Add</i>		761.92	
		<i>For Class 55 Rating, Add</i>		1,137.25	
		<i>For Class 56 Rating, Add</i>		1,507.56	
40 05 19 00-2790	EA	12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		6,024.01	488.63
		<i>For Class 52 Rating, Deduct</i>		-581.20	
		<i>For Class 54 Rating, Add</i>		801.43	
		<i>For Class 55 Rating, Add</i>		1,196.02	
		<i>For Class 56 Rating, Add</i>		1,585.33	
40 05 19 00-2791	EA	12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		6,291.86	491.81
		<i>For Class 52 Rating, Deduct</i>		-610.14	
		<i>For Class 54 Rating, Add</i>		840.95	
		<i>For Class 55 Rating, Add</i>		1,254.80	
		<i>For Class 56 Rating, Add</i>		1,663.10	
40 05 19 00-2792	EA	12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		6,559.71	494.98
		<i>For Class 52 Rating, Deduct</i>		-639.07	
		<i>For Class 54 Rating, Add</i>		880.46	
		<i>For Class 55 Rating, Add</i>		1,313.57	
		<i>For Class 56 Rating, Add</i>		1,740.87	
40 05 19 00-2793	EA	12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		6,827.55	498.16
		<i>For Class 52 Rating, Deduct</i>		-668.00	
		<i>For Class 54 Rating, Add</i>		919.97	
		<i>For Class 55 Rating, Add</i>		1,372.34	
		<i>For Class 56 Rating, Add</i>		1,818.64	
40 05 19 00-2794	EA	12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		7,095.40	501.33
		<i>For Class 52 Rating, Deduct</i>		-696.94	
		<i>For Class 54 Rating, Add</i>		959.49	
		<i>For Class 55 Rating, Add</i>		1,431.12	
		<i>For Class 56 Rating, Add</i>		1,896.41	
40 05 19 00-2795	EA	12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		7,363.24	504.51
		<i>For Class 52 Rating, Deduct</i>		-725.87	
		<i>For Class 54 Rating, Add</i>		999.00	
		<i>For Class 55 Rating, Add</i>		1,489.89	
		<i>For Class 56 Rating, Add</i>		1,974.18	
40 05 19 00-2796	EA	12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		7,631.09	507.68
		<i>For Class 52 Rating, Deduct</i>		-754.81	
		<i>For Class 54 Rating, Add</i>		1,038.51	
		<i>For Class 55 Rating, Add</i>		1,548.66	
		<i>For Class 56 Rating, Add</i>		2,051.95	
40 05 19 00-2797	EA	12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		7,898.95	510.84
		<i>For Class 52 Rating, Deduct</i>		-783.74	
		<i>For Class 54 Rating, Add</i>		1,078.03	
		<i>For Class 55 Rating, Add</i>		1,607.44	
		<i>For Class 56 Rating, Add</i>		2,129.72	
40 05 19 00-2798	EA	12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		8,166.79	514.02
		<i>For Class 52 Rating, Deduct</i>		-812.68	
		<i>For Class 54 Rating, Add</i>		1,117.54	
		<i>For Class 55 Rating, Add</i>		1,666.21	
		<i>For Class 56 Rating, Add</i>		2,207.49	
40 05 19 00-2799	EA	12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		8,434.64	517.19
		<i>For Class 52 Rating, Deduct</i>		-841.61	
		<i>For Class 54 Rating, Add</i>		1,157.06	
		<i>For Class 55 Rating, Add</i>		1,724.98	
		<i>For Class 56 Rating, Add</i>		2,285.26	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2800 EA 12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,702.47	520.37
<i>For Class 52 Rating, Deduct</i>	<i>-870.54</i>	
<i>For Class 54 Rating, Add</i>	<i>1,196.57</i>	
<i>For Class 55 Rating, Add</i>	<i>1,783.75</i>	
<i>For Class 56 Rating, Add</i>	<i>2,363.03</i>	
40 05 19 00-2801 EA 12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,970.32	523.54
<i>For Class 52 Rating, Deduct</i>	<i>-899.48</i>	
<i>For Class 54 Rating, Add</i>	<i>1,236.08</i>	
<i>For Class 55 Rating, Add</i>	<i>1,842.53</i>	
<i>For Class 56 Rating, Add</i>	<i>2,440.80</i>	
40 05 19 00-2802 EA 12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,238.17	526.71
<i>For Class 52 Rating, Deduct</i>	<i>-928.41</i>	
<i>For Class 54 Rating, Add</i>	<i>1,275.59</i>	
<i>For Class 55 Rating, Add</i>	<i>1,901.30</i>	
<i>For Class 56 Rating, Add</i>	<i>2,518.57</i>	
40 05 19 00-2803 EA 12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,506.02	529.89
<i>For Class 52 Rating, Deduct</i>	<i>-957.35</i>	
<i>For Class 54 Rating, Add</i>	<i>1,315.11</i>	
<i>For Class 55 Rating, Add</i>	<i>1,960.07</i>	
<i>For Class 56 Rating, Add</i>	<i>2,596.34</i>	
40 05 19 00-2804 EA 12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,773.87	533.06
<i>For Class 52 Rating, Deduct</i>	<i>-986.28</i>	
<i>For Class 54 Rating, Add</i>	<i>1,354.62</i>	
<i>For Class 55 Rating, Add</i>	<i>2,018.85</i>	
<i>For Class 56 Rating, Add</i>	<i>2,674.11</i>	
40 05 19 00-2805 EA 12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,041.71	536.24
<i>For Class 52 Rating, Deduct</i>	<i>-1,015.22</i>	
<i>For Class 54 Rating, Add</i>	<i>1,394.14</i>	
<i>For Class 55 Rating, Add</i>	<i>2,077.62</i>	
<i>For Class 56 Rating, Add</i>	<i>2,751.87</i>	
40 05 19 00-2806 EA 12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,309.56	539.40
<i>For Class 52 Rating, Deduct</i>	<i>-1,044.15</i>	
<i>For Class 54 Rating, Add</i>	<i>1,433.65</i>	
<i>For Class 55 Rating, Add</i>	<i>2,136.39</i>	
<i>For Class 56 Rating, Add</i>	<i>2,829.64</i>	
40 05 19 00-2807 EA 12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,577.41	542.57
<i>For Class 52 Rating, Deduct</i>	<i>-1,073.09</i>	
<i>For Class 54 Rating, Add</i>	<i>1,473.16</i>	
<i>For Class 55 Rating, Add</i>	<i>2,195.17</i>	
<i>For Class 56 Rating, Add</i>	<i>2,907.41</i>	
40 05 19 00-2808 EA 12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,845.25	545.75
<i>For Class 52 Rating, Deduct</i>	<i>-1,102.02</i>	
<i>For Class 54 Rating, Add</i>	<i>1,512.68</i>	
<i>For Class 55 Rating, Add</i>	<i>2,253.94</i>	
<i>For Class 56 Rating, Add</i>	<i>2,985.18</i>	
40 05 19 00-2809 EA 12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,113.10	548.92
<i>For Class 52 Rating, Deduct</i>	<i>-1,130.95</i>	
<i>For Class 54 Rating, Add</i>	<i>1,552.19</i>	
<i>For Class 55 Rating, Add</i>	<i>2,312.71</i>	
<i>For Class 56 Rating, Add</i>	<i>3,062.95</i>	
40 05 19 00-2810 EA 12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,380.94	552.10
<i>For Class 52 Rating, Deduct</i>	<i>-1,159.89</i>	
<i>For Class 54 Rating, Add</i>	<i>1,591.70</i>	
<i>For Class 55 Rating, Add</i>	<i>2,371.48</i>	
<i>For Class 56 Rating, Add</i>	<i>3,140.72</i>	
40 05 19 00-2811 EA 12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,648.79	555.27
<i>For Class 52 Rating, Deduct</i>	<i>-1,188.82</i>	
<i>For Class 54 Rating, Add</i>	<i>1,631.22</i>	
<i>For Class 55 Rating, Add</i>	<i>2,430.26</i>	
<i>For Class 56 Rating, Add</i>	<i>3,218.49</i>	
40 05 19 00-2812 EA 12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,916.64	558.45
<i>For Class 52 Rating, Deduct</i>	<i>-1,217.76</i>	
<i>For Class 54 Rating, Add</i>	<i>1,670.73</i>	
<i>For Class 55 Rating, Add</i>	<i>2,489.03</i>	
<i>For Class 56 Rating, Add</i>	<i>3,296.26</i>	
40 05 19 00-2813 EA 12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,184.48	561.62
<i>For Class 52 Rating, Deduct</i>	<i>-1,246.69</i>	
<i>For Class 54 Rating, Add</i>	<i>1,710.24</i>	
<i>For Class 55 Rating, Add</i>	<i>2,547.80</i>	
<i>For Class 56 Rating, Add</i>	<i>3,374.03</i>	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

40 05 19 00-2814	EA	12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,452.33	564.78
		<i>For Class 52 Rating, Deduct</i>	-1,275.62	
		<i>For Class 54 Rating, Add</i>	1,749.76	
		<i>For Class 55 Rating, Add</i>	2,606.58	
		<i>For Class 56 Rating, Add</i>	3,451.80	
40 05 19 00-2815		14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2614)</small>		
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,169.30	533.06
		<i>For Class 52 Rating, Deduct</i>	-259.78	
		<i>For Class 54 Rating, Add</i>	363.94	
		<i>For Class 55 Rating, Add</i>	546.03	
		<i>For Class 56 Rating, Add</i>	725.76	
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,494.32	536.24
		<i>For Class 52 Rating, Deduct</i>	-295.00	
		<i>For Class 54 Rating, Add</i>	412.03	
		<i>For Class 55 Rating, Add</i>	617.55	
		<i>For Class 56 Rating, Add</i>	820.39	
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,819.36	539.40
		<i>For Class 52 Rating, Deduct</i>	-330.23	
		<i>For Class 54 Rating, Add</i>	460.12	
		<i>For Class 55 Rating, Add</i>	689.08	
		<i>For Class 56 Rating, Add</i>	915.04	
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,144.39	542.57
		<i>For Class 52 Rating, Deduct</i>	-365.45	
		<i>For Class 54 Rating, Add</i>	508.21	
		<i>For Class 55 Rating, Add</i>	760.60	
		<i>For Class 56 Rating, Add</i>	1,009.67	
40 05 19 00-2820	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,469.41	545.75
		<i>For Class 52 Rating, Deduct</i>	-400.68	
		<i>For Class 54 Rating, Add</i>	556.30	
		<i>For Class 55 Rating, Add</i>	832.13	
		<i>For Class 56 Rating, Add</i>	1,104.31	
40 05 19 00-2821	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,794.44	548.92
		<i>For Class 52 Rating, Deduct</i>	-435.90	
		<i>For Class 54 Rating, Add</i>	604.39	
		<i>For Class 55 Rating, Add</i>	903.65	
		<i>For Class 56 Rating, Add</i>	1,198.95	
40 05 19 00-2822	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,119.47	552.10
		<i>For Class 52 Rating, Deduct</i>	-471.13	
		<i>For Class 54 Rating, Add</i>	652.48	
		<i>For Class 55 Rating, Add</i>	975.18	
		<i>For Class 56 Rating, Add</i>	1,293.59	
40 05 19 00-2823	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,444.50	555.27
		<i>For Class 52 Rating, Deduct</i>	-506.35	
		<i>For Class 54 Rating, Add</i>	700.57	
		<i>For Class 55 Rating, Add</i>	1,046.70	
		<i>For Class 56 Rating, Add</i>	1,388.23	
40 05 19 00-2824	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,769.53	558.45
		<i>For Class 52 Rating, Deduct</i>	-541.57	
		<i>For Class 54 Rating, Add</i>	748.66	
		<i>For Class 55 Rating, Add</i>	1,118.23	
		<i>For Class 56 Rating, Add</i>	1,482.86	
40 05 19 00-2825	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,094.56	561.62
		<i>For Class 52 Rating, Deduct</i>	-576.80	
		<i>For Class 54 Rating, Add</i>	796.76	
		<i>For Class 55 Rating, Add</i>	1,189.75	
		<i>For Class 56 Rating, Add</i>	1,577.50	
40 05 19 00-2826	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,419.59	564.78
		<i>For Class 52 Rating, Deduct</i>	-612.02	
		<i>For Class 54 Rating, Add</i>	844.85	
		<i>For Class 55 Rating, Add</i>	1,261.28	
		<i>For Class 56 Rating, Add</i>	1,672.14	
40 05 19 00-2827	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,744.61	567.96
		<i>For Class 52 Rating, Deduct</i>	-647.25	
		<i>For Class 54 Rating, Add</i>	892.94	
		<i>For Class 55 Rating, Add</i>	1,332.80	
		<i>For Class 56 Rating, Add</i>	1,766.78	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2828 EA 14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,069.65	571.13
<i>For Class 52 Rating, Deduct</i>	-682.47	
<i>For Class 54 Rating, Add</i>	941.03	
<i>For Class 55 Rating, Add</i>	1,404.33	
<i>For Class 56 Rating, Add</i>	1,861.42	
40 05 19 00-2829 EA 14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,394.68	574.31
<i>For Class 52 Rating, Deduct</i>	-717.70	
<i>For Class 54 Rating, Add</i>	989.12	
<i>For Class 55 Rating, Add</i>	1,475.85	
<i>For Class 56 Rating, Add</i>	1,956.06	
40 05 19 00-2830 EA 14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,719.70	577.48
<i>For Class 52 Rating, Deduct</i>	-752.92	
<i>For Class 54 Rating, Add</i>	1,037.21	
<i>For Class 55 Rating, Add</i>	1,547.37	
<i>For Class 56 Rating, Add</i>	2,050.69	
40 05 19 00-2831 EA 14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,044.73	580.65
<i>For Class 52 Rating, Deduct</i>	-788.14	
<i>For Class 54 Rating, Add</i>	1,085.30	
<i>For Class 55 Rating, Add</i>	1,618.90	
<i>For Class 56 Rating, Add</i>	2,145.33	
40 05 19 00-2832 EA 14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,369.76	583.83
<i>For Class 52 Rating, Deduct</i>	-823.37	
<i>For Class 54 Rating, Add</i>	1,133.39	
<i>For Class 55 Rating, Add</i>	1,690.43	
<i>For Class 56 Rating, Add</i>	2,239.97	
40 05 19 00-2833 EA 14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,694.79	587.00
<i>For Class 52 Rating, Deduct</i>	-858.59	
<i>For Class 54 Rating, Add</i>	1,181.48	
<i>For Class 55 Rating, Add</i>	1,761.95	
<i>For Class 56 Rating, Add</i>	2,334.61	
40 05 19 00-2834 EA 14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,019.83	590.18
<i>For Class 52 Rating, Deduct</i>	-893.82	
<i>For Class 54 Rating, Add</i>	1,229.57	
<i>For Class 55 Rating, Add</i>	1,833.47	
<i>For Class 56 Rating, Add</i>	2,429.25	
40 05 19 00-2835 EA 14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,344.85	593.34
<i>For Class 52 Rating, Deduct</i>	-929.04	
<i>For Class 54 Rating, Add</i>	1,277.66	
<i>For Class 55 Rating, Add</i>	1,905.00	
<i>For Class 56 Rating, Add</i>	2,523.89	
40 05 19 00-2836 EA 14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,669.88	596.52
<i>For Class 52 Rating, Deduct</i>	-964.27	
<i>For Class 54 Rating, Add</i>	1,325.75	
<i>For Class 55 Rating, Add</i>	1,976.52	
<i>For Class 56 Rating, Add</i>	2,618.53	
40 05 19 00-2837 EA 14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,994.90	599.69
<i>For Class 52 Rating, Deduct</i>	-999.49	
<i>For Class 54 Rating, Add</i>	1,373.85	
<i>For Class 55 Rating, Add</i>	2,048.05	
<i>For Class 56 Rating, Add</i>	2,713.16	
40 05 19 00-2838 EA 14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	10,319.93	602.86
<i>For Class 52 Rating, Deduct</i>	-1,034.72	
<i>For Class 54 Rating, Add</i>	1,421.94	
<i>For Class 55 Rating, Add</i>	2,119.57	
<i>For Class 56 Rating, Add</i>	2,807.80	
40 05 19 00-2839 EA 14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	10,644.97	606.04
<i>For Class 52 Rating, Deduct</i>	-1,069.94	
<i>For Class 54 Rating, Add</i>	1,470.03	
<i>For Class 55 Rating, Add</i>	2,191.10	
<i>For Class 56 Rating, Add</i>	2,902.44	
40 05 19 00-2840 EA 14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	10,969.99	609.21
<i>For Class 52 Rating, Deduct</i>	-1,105.16	
<i>For Class 54 Rating, Add</i>	1,518.12	
<i>For Class 55 Rating, Add</i>	2,262.62	
<i>For Class 56 Rating, Add</i>	2,997.08	
40 05 19 00-2841 EA 14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	11,295.03	612.39
<i>For Class 52 Rating, Deduct</i>	-1,140.39	
<i>For Class 54 Rating, Add</i>	1,566.21	
<i>For Class 55 Rating, Add</i>	2,334.15	
<i>For Class 56 Rating, Add</i>	3,091.72	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2842	EA	14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,620.05	615.56
		<i>For Class 52 Rating, Deduct</i>	-1,175.61	
		<i>For Class 54 Rating, Add</i>	1,614.30	
		<i>For Class 55 Rating, Add</i>	2,405.67	
		<i>For Class 56 Rating, Add</i>	3,186.36	
40 05 19 00-2843	EA	14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,945.08	618.73
		<i>For Class 52 Rating, Deduct</i>	-1,210.84	
		<i>For Class 54 Rating, Add</i>	1,662.39	
		<i>For Class 55 Rating, Add</i>	2,477.20	
		<i>For Class 56 Rating, Add</i>	3,280.99	
40 05 19 00-2844	EA	14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,270.10	621.90
		<i>For Class 52 Rating, Deduct</i>	-1,246.06	
		<i>For Class 54 Rating, Add</i>	1,710.48	
		<i>For Class 55 Rating, Add</i>	2,548.72	
		<i>For Class 56 Rating, Add</i>	3,375.63	
40 05 19 00-2845	EA	14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,595.13	625.07
		<i>For Class 52 Rating, Deduct</i>	-1,281.29	
		<i>For Class 54 Rating, Add</i>	1,758.57	
		<i>For Class 55 Rating, Add</i>	2,620.25	
		<i>For Class 56 Rating, Add</i>	3,470.27	
40 05 19 00-2846	EA	14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,920.17	628.25
		<i>For Class 52 Rating, Deduct</i>	-1,316.51	
		<i>For Class 54 Rating, Add</i>	1,806.66	
		<i>For Class 55 Rating, Add</i>	2,691.77	
		<i>For Class 56 Rating, Add</i>	3,564.91	
40 05 19 00-2847	EA	14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,245.20	631.42
		<i>For Class 52 Rating, Deduct</i>	-1,351.74	
		<i>For Class 54 Rating, Add</i>	1,854.76	
		<i>For Class 55 Rating, Add</i>	2,763.30	
		<i>For Class 56 Rating, Add</i>	3,659.55	
40 05 19 00-2848	EA	14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,570.23	634.59
		<i>For Class 52 Rating, Deduct</i>	-1,386.96	
		<i>For Class 54 Rating, Add</i>	1,902.85	
		<i>For Class 55 Rating, Add</i>	2,834.82	
		<i>For Class 56 Rating, Add</i>	3,754.19	
40 05 19 00-2849	EA	14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,895.25	637.77
		<i>For Class 52 Rating, Deduct</i>	-1,422.18	
		<i>For Class 54 Rating, Add</i>	1,950.94	
		<i>For Class 55 Rating, Add</i>	2,906.35	
		<i>For Class 56 Rating, Add</i>	3,848.82	
40 05 19 00-2850	EA	14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,220.28	640.94
		<i>For Class 52 Rating, Deduct</i>	-1,457.41	
		<i>For Class 54 Rating, Add</i>	1,999.03	
		<i>For Class 55 Rating, Add</i>	2,977.87	
		<i>For Class 56 Rating, Add</i>	3,943.46	
40 05 19 00-2851	EA	14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,545.31	644.12
		<i>For Class 52 Rating, Deduct</i>	-1,492.63	
		<i>For Class 54 Rating, Add</i>	2,047.12	
		<i>For Class 55 Rating, Add</i>	3,049.39	
		<i>For Class 56 Rating, Add</i>	4,038.10	
40 05 19 00-2852	EA	14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,870.33	647.28
		<i>For Class 52 Rating, Deduct</i>	-1,527.86	
		<i>For Class 54 Rating, Add</i>	2,095.21	
		<i>For Class 55 Rating, Add</i>	3,120.92	
		<i>For Class 56 Rating, Add</i>	4,132.74	
40 05 19 00-2853	EA	14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,195.38	650.46
		<i>For Class 52 Rating, Deduct</i>	-1,563.08	
		<i>For Class 54 Rating, Add</i>	2,143.30	
		<i>For Class 55 Rating, Add</i>	3,192.45	
		<i>For Class 56 Rating, Add</i>	4,227.38	
40 05 19 00-2854		16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		
		<small>(40 05 19 00-2614)</small>		
40 05 19 00-2855	EA	16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,710.68	609.21
		<i>For Class 52 Rating, Deduct</i>	-306.64	
		<i>For Class 54 Rating, Add</i>	429.22	
		<i>For Class 55 Rating, Add</i>	643.80	
		<i>For Class 56 Rating, Add</i>	855.58	





<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2856 EA 16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,087.19	612.39
<i>For Class 52 Rating, Deduct</i>	-347.53	
<i>For Class 54 Rating, Add</i>	485.03	
<i>For Class 55 Rating, Add</i>	726.80	
<i>For Class 56 Rating, Add</i>	965.41	
40 05 19 00-2857 EA 16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,463.67	615.56
<i>For Class 52 Rating, Deduct</i>	-388.41	
<i>For Class 54 Rating, Add</i>	540.84	
<i>For Class 55 Rating, Add</i>	809.80	
<i>For Class 56 Rating, Add</i>	1,075.22	
40 05 19 00-2858 EA 16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	4,840.17	618.73
<i>For Class 52 Rating, Deduct</i>	-429.30	
<i>For Class 54 Rating, Add</i>	596.65	
<i>For Class 55 Rating, Add</i>	892.80	
<i>For Class 56 Rating, Add</i>	1,185.05	
40 05 19 00-2859 EA 16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,216.65	621.90
<i>For Class 52 Rating, Deduct</i>	-470.18	
<i>For Class 54 Rating, Add</i>	652.46	
<i>For Class 55 Rating, Add</i>	975.80	
<i>For Class 56 Rating, Add</i>	1,294.86	
40 05 19 00-2860 EA 16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,593.15	625.07
<i>For Class 52 Rating, Deduct</i>	-511.07	
<i>For Class 54 Rating, Add</i>	708.28	
<i>For Class 55 Rating, Add</i>	1,058.80	
<i>For Class 56 Rating, Add</i>	1,404.69	
40 05 19 00-2861 EA 16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	5,969.65	628.25
<i>For Class 52 Rating, Deduct</i>	-551.95	
<i>For Class 54 Rating, Add</i>	764.09	
<i>For Class 55 Rating, Add</i>	1,141.81	
<i>For Class 56 Rating, Add</i>	1,514.51	
40 05 19 00-2862 EA 16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,346.14	631.42
<i>For Class 52 Rating, Deduct</i>	-592.84	
<i>For Class 54 Rating, Add</i>	819.90	
<i>For Class 55 Rating, Add</i>	1,224.81	
<i>For Class 56 Rating, Add</i>	1,624.33	
40 05 19 00-2863 EA 16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,722.64	634.59
<i>For Class 52 Rating, Deduct</i>	-633.72	
<i>For Class 54 Rating, Add</i>	875.71	
<i>For Class 55 Rating, Add</i>	1,307.81	
<i>For Class 56 Rating, Add</i>	1,734.15	
40 05 19 00-2864 EA 16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,099.12	637.77
<i>For Class 52 Rating, Deduct</i>	-674.61	
<i>For Class 54 Rating, Add</i>	931.52	
<i>For Class 55 Rating, Add</i>	1,390.81	
<i>For Class 56 Rating, Add</i>	1,843.97	
40 05 19 00-2865 EA 16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,475.62	640.94
<i>For Class 52 Rating, Deduct</i>	-715.50	
<i>For Class 54 Rating, Add</i>	987.33	
<i>For Class 55 Rating, Add</i>	1,473.81	
<i>For Class 56 Rating, Add</i>	1,953.79	
40 05 19 00-2866 EA 16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,852.11	644.12
<i>For Class 52 Rating, Deduct</i>	-756.38	
<i>For Class 54 Rating, Add</i>	1,043.14	
<i>For Class 55 Rating, Add</i>	1,556.81	
<i>For Class 56 Rating, Add</i>	2,063.61	
40 05 19 00-2867 EA 16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,228.60	647.28
<i>For Class 52 Rating, Deduct</i>	-797.27	
<i>For Class 54 Rating, Add</i>	1,098.95	
<i>For Class 55 Rating, Add</i>	1,639.81	
<i>For Class 56 Rating, Add</i>	2,173.43	
40 05 19 00-2868 EA 16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,605.10	650.46
<i>For Class 52 Rating, Deduct</i>	-838.15	
<i>For Class 54 Rating, Add</i>	1,154.76	
<i>For Class 55 Rating, Add</i>	1,722.81	
<i>For Class 56 Rating, Add</i>	2,283.25	
40 05 19 00-2869 EA 16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,981.59	653.63
<i>For Class 52 Rating, Deduct</i>	-879.04	
<i>For Class 54 Rating, Add</i>	1,210.57	
<i>For Class 55 Rating, Add</i>	1,805.81	
<i>For Class 56 Rating, Add</i>	2,393.07	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2870	EA	16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,358.09		656.80
		<i>For Class 52 Rating, Deduct</i>	-919.92		
		<i>For Class 54 Rating, Add</i>	1,266.38		
		<i>For Class 55 Rating, Add</i>	1,888.82		
		<i>For Class 56 Rating, Add</i>	2,502.89		
40 05 19 00-2871	EA	16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,734.58		659.98
		<i>For Class 52 Rating, Deduct</i>	-960.81		
		<i>For Class 54 Rating, Add</i>	1,322.19		
		<i>For Class 55 Rating, Add</i>	1,971.82		
		<i>For Class 56 Rating, Add</i>	2,612.71		
40 05 19 00-2872	EA	16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,111.07		663.15
		<i>For Class 52 Rating, Deduct</i>	-1,001.69		
		<i>For Class 54 Rating, Add</i>	1,378.00		
		<i>For Class 55 Rating, Add</i>	2,054.82		
		<i>For Class 56 Rating, Add</i>	2,722.53		
40 05 19 00-2873	EA	16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,487.56		666.33
		<i>For Class 52 Rating, Deduct</i>	-1,042.58		
		<i>For Class 54 Rating, Add</i>	1,433.81		
		<i>For Class 55 Rating, Add</i>	2,137.82		
		<i>For Class 56 Rating, Add</i>	2,832.35		
40 05 19 00-2874	EA	16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,864.05		669.50
		<i>For Class 52 Rating, Deduct</i>	-1,083.46		
		<i>For Class 54 Rating, Add</i>	1,489.62		
		<i>For Class 55 Rating, Add</i>	2,220.82		
		<i>For Class 56 Rating, Add</i>	2,942.17		
40 05 19 00-2875	EA	16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,240.55		672.67
		<i>For Class 52 Rating, Deduct</i>	-1,124.35		
		<i>For Class 54 Rating, Add</i>	1,545.43		
		<i>For Class 55 Rating, Add</i>	2,303.82		
		<i>For Class 56 Rating, Add</i>	3,051.99		
40 05 19 00-2876	EA	16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,617.05		675.84
		<i>For Class 52 Rating, Deduct</i>	-1,165.23		
		<i>For Class 54 Rating, Add</i>	1,601.24		
		<i>For Class 55 Rating, Add</i>	2,386.82		
		<i>For Class 56 Rating, Add</i>	3,161.81		
40 05 19 00-2877	EA	16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,993.54		679.01
		<i>For Class 52 Rating, Deduct</i>	-1,206.12		
		<i>For Class 54 Rating, Add</i>	1,657.06		
		<i>For Class 55 Rating, Add</i>	2,469.83		
		<i>For Class 56 Rating, Add</i>	3,271.63		
40 05 19 00-2878	EA	16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,370.03		682.19
		<i>For Class 52 Rating, Deduct</i>	-1,247.01		
		<i>For Class 54 Rating, Add</i>	1,712.86		
		<i>For Class 55 Rating, Add</i>	2,552.83		
		<i>For Class 56 Rating, Add</i>	3,381.45		
40 05 19 00-2879	EA	16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,746.52		685.36
		<i>For Class 52 Rating, Deduct</i>	-1,287.89		
		<i>For Class 54 Rating, Add</i>	1,768.68		
		<i>For Class 55 Rating, Add</i>	2,635.83		
		<i>For Class 56 Rating, Add</i>	3,491.27		
40 05 19 00-2880	EA	16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,123.01		688.53
		<i>For Class 52 Rating, Deduct</i>	-1,328.78		
		<i>For Class 54 Rating, Add</i>	1,824.49		
		<i>For Class 55 Rating, Add</i>	2,718.83		
		<i>For Class 56 Rating, Add</i>	3,601.09		
40 05 19 00-2881	EA	16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,499.52		691.71
		<i>For Class 52 Rating, Deduct</i>	-1,369.66		
		<i>For Class 54 Rating, Add</i>	1,880.30		
		<i>For Class 55 Rating, Add</i>	2,801.83		
		<i>For Class 56 Rating, Add</i>	3,710.91		
40 05 19 00-2882	EA	16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,876.00		694.88
		<i>For Class 52 Rating, Deduct</i>	-1,410.55		
		<i>For Class 54 Rating, Add</i>	1,936.11		
		<i>For Class 55 Rating, Add</i>	2,884.83		
		<i>For Class 56 Rating, Add</i>	3,820.73		
40 05 19 00-2883	EA	16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,252.50		698.06
		<i>For Class 52 Rating, Deduct</i>	-1,451.43		
		<i>For Class 54 Rating, Add</i>	1,991.92		
		<i>For Class 55 Rating, Add</i>	2,967.83		
		<i>For Class 56 Rating, Add</i>	3,930.55		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2884 EA 16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,628.98	701.23
<i>For Class 52 Rating, Deduct</i>	-1,492.32	
<i>For Class 54 Rating, Add</i>	2,047.73	
<i>For Class 55 Rating, Add</i>	3,050.83	
<i>For Class 56 Rating, Add</i>	4,040.37	
40 05 19 00-2885 EA 16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,005.48	704.40
<i>For Class 52 Rating, Deduct</i>	-1,533.20	
<i>For Class 54 Rating, Add</i>	2,103.54	
<i>For Class 55 Rating, Add</i>	3,133.84	
<i>For Class 56 Rating, Add</i>	4,150.19	
40 05 19 00-2886 EA 16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,381.98	707.57
<i>For Class 52 Rating, Deduct</i>	-1,574.09	
<i>For Class 54 Rating, Add</i>	2,159.35	
<i>For Class 55 Rating, Add</i>	3,216.84	
<i>For Class 56 Rating, Add</i>	4,260.02	
40 05 19 00-2887 EA 16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,758.47	710.74
<i>For Class 52 Rating, Deduct</i>	-1,614.97	
<i>For Class 54 Rating, Add</i>	2,215.16	
<i>For Class 55 Rating, Add</i>	3,299.84	
<i>For Class 56 Rating, Add</i>	4,369.83	
40 05 19 00-2888 EA 16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,134.97	713.92
<i>For Class 52 Rating, Deduct</i>	-1,655.86	
<i>For Class 54 Rating, Add</i>	2,270.97	
<i>For Class 55 Rating, Add</i>	3,382.84	
<i>For Class 56 Rating, Add</i>	4,479.66	
40 05 19 00-2889 EA 16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,511.45	717.09
<i>For Class 52 Rating, Deduct</i>	-1,696.74	
<i>For Class 54 Rating, Add</i>	2,326.78	
<i>For Class 55 Rating, Add</i>	3,465.84	
<i>For Class 56 Rating, Add</i>	4,589.47	
40 05 19 00-2890 EA 16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,887.95	720.27
<i>For Class 52 Rating, Deduct</i>	-1,737.63	
<i>For Class 54 Rating, Add</i>	2,382.59	
<i>For Class 55 Rating, Add</i>	3,548.84	
<i>For Class 56 Rating, Add</i>	4,699.30	
40 05 19 00-2891 EA 16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,264.44	723.44
<i>For Class 52 Rating, Deduct</i>	-1,778.52	
<i>For Class 54 Rating, Add</i>	2,438.40	
<i>For Class 55 Rating, Add</i>	3,631.84	
<i>For Class 56 Rating, Add</i>	4,809.11	
40 05 19 00-2892 EA 16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,640.93	726.61
<i>For Class 52 Rating, Deduct</i>	-1,819.40	
<i>For Class 54 Rating, Add</i>	2,494.21	
<i>For Class 55 Rating, Add</i>	3,714.84	
<i>For Class 56 Rating, Add</i>	4,918.94	
<b>40 05 19 00-2893 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-2814)</small>		
40 05 19 00-2894 EA 18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,342.63	686.64
<i>For Class 52 Rating, Deduct</i>	-363.25	
<i>For Class 54 Rating, Add</i>	507.83	
<i>For Class 55 Rating, Add</i>	761.38	
<i>For Class 56 Rating, Add</i>	1,011.63	
40 05 19 00-2895 EA 18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,776.31	689.81
<i>For Class 52 Rating, Deduct</i>	-410.43	
<i>For Class 54 Rating, Add</i>	572.21	
<i>For Class 55 Rating, Add</i>	857.13	
<i>For Class 56 Rating, Add</i>	1,138.32	
40 05 19 00-2896 EA 18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,209.99	692.98
<i>For Class 52 Rating, Deduct</i>	-457.60	
<i>For Class 54 Rating, Add</i>	636.60	
<i>For Class 55 Rating, Add</i>	952.88	
<i>For Class 56 Rating, Add</i>	1,265.00	
40 05 19 00-2897 EA 18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,643.66	696.16
<i>For Class 52 Rating, Deduct</i>	-504.78	
<i>For Class 54 Rating, Add</i>	700.99	
<i>For Class 55 Rating, Add</i>	1,048.64	
<i>For Class 56 Rating, Add</i>	1,391.69	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,077.34		699.32
		<i>For Class 52 Rating, Deduct</i>	-551.95		
		<i>For Class 54 Rating, Add</i>	765.38		
		<i>For Class 55 Rating, Add</i>	1,144.39		
		<i>For Class 56 Rating, Add</i>	1,518.38		
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,511.00		702.50
		<i>For Class 52 Rating, Deduct</i>	-599.13		
		<i>For Class 54 Rating, Add</i>	829.77		
		<i>For Class 55 Rating, Add</i>	1,240.14		
		<i>For Class 56 Rating, Add</i>	1,645.07		
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	6,944.68		705.67
		<i>For Class 52 Rating, Deduct</i>	-646.30		
		<i>For Class 54 Rating, Add</i>	894.15		
		<i>For Class 55 Rating, Add</i>	1,335.89		
		<i>For Class 56 Rating, Add</i>	1,771.76		
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,378.37		708.85
		<i>For Class 52 Rating, Deduct</i>	-693.48		
		<i>For Class 54 Rating, Add</i>	958.54		
		<i>For Class 55 Rating, Add</i>	1,431.65		
		<i>For Class 56 Rating, Add</i>	1,898.45		
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	7,812.04		712.02
		<i>For Class 52 Rating, Deduct</i>	-740.66		
		<i>For Class 54 Rating, Add</i>	1,022.93		
		<i>For Class 55 Rating, Add</i>	1,527.40		
		<i>For Class 56 Rating, Add</i>	2,025.14		
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,245.72		715.19
		<i>For Class 52 Rating, Deduct</i>	-787.83		
		<i>For Class 54 Rating, Add</i>	1,087.32		
		<i>For Class 55 Rating, Add</i>	1,623.16		
		<i>For Class 56 Rating, Add</i>	2,151.83		
40 05 19 00-2904	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	8,679.38		718.37
		<i>For Class 52 Rating, Deduct</i>	-835.01		
		<i>For Class 54 Rating, Add</i>	1,151.71		
		<i>For Class 55 Rating, Add</i>	1,718.91		
		<i>For Class 56 Rating, Add</i>	2,278.52		
40 05 19 00-2905	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,113.06		721.54
		<i>For Class 52 Rating, Deduct</i>	-882.18		
		<i>For Class 54 Rating, Add</i>	1,216.09		
		<i>For Class 55 Rating, Add</i>	1,814.66		
		<i>For Class 56 Rating, Add</i>	2,405.21		
40 05 19 00-2906	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,546.74		724.72
		<i>For Class 52 Rating, Deduct</i>	-929.36		
		<i>For Class 54 Rating, Add</i>	1,280.48		
		<i>For Class 55 Rating, Add</i>	1,910.41		
		<i>For Class 56 Rating, Add</i>	2,531.90		
40 05 19 00-2907	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	9,980.42		727.88
		<i>For Class 52 Rating, Deduct</i>	-976.53		
		<i>For Class 54 Rating, Add</i>	1,344.87		
		<i>For Class 55 Rating, Add</i>	2,006.17		
		<i>For Class 56 Rating, Add</i>	2,658.59		
40 05 19 00-2908	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	10,414.10		731.05
		<i>For Class 52 Rating, Deduct</i>	-1,023.71		
		<i>For Class 54 Rating, Add</i>	1,409.26		
		<i>For Class 55 Rating, Add</i>	2,101.92		
		<i>For Class 56 Rating, Add</i>	2,785.28		
40 05 19 00-2909	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	10,847.76		734.23
		<i>For Class 52 Rating, Deduct</i>	-1,070.88		
		<i>For Class 54 Rating, Add</i>	1,473.64		
		<i>For Class 55 Rating, Add</i>	2,197.67		
		<i>For Class 56 Rating, Add</i>	2,911.96		
40 05 19 00-2910	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	11,281.44		737.40
		<i>For Class 52 Rating, Deduct</i>	-1,118.06		
		<i>For Class 54 Rating, Add</i>	1,538.03		
		<i>For Class 55 Rating, Add</i>	2,293.42		
		<i>For Class 56 Rating, Add</i>	3,038.65		
40 05 19 00-2911	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	11,715.12		740.58
		<i>For Class 52 Rating, Deduct</i>	-1,165.23		
		<i>For Class 54 Rating, Add</i>	1,602.42		
		<i>For Class 55 Rating, Add</i>	2,389.18		
		<i>For Class 56 Rating, Add</i>	3,165.34		



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
<b>Ductile Iron Process Pipe 40 05 19</b>	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2912 EA 18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,148.79	743.75
<i>For Class 52 Rating, Deduct</i>	-1,212.41	
<i>For Class 54 Rating, Add</i>	1,666.81	
<i>For Class 55 Rating, Add</i>	2,484.93	
<i>For Class 56 Rating, Add</i>	3,292.03	
40 05 19 00-2913 EA 18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,582.48	746.92
<i>For Class 52 Rating, Deduct</i>	-1,259.59	
<i>For Class 54 Rating, Add</i>	1,731.20	
<i>For Class 55 Rating, Add</i>	2,580.68	
<i>For Class 56 Rating, Add</i>	3,418.72	
40 05 19 00-2914 EA 18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,016.14	750.10
<i>For Class 52 Rating, Deduct</i>	-1,306.76	
<i>For Class 54 Rating, Add</i>	1,795.58	
<i>For Class 55 Rating, Add</i>	2,676.44	
<i>For Class 56 Rating, Add</i>	3,545.41	
40 05 19 00-2915 EA 18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,449.82	753.26
<i>For Class 52 Rating, Deduct</i>	-1,353.94	
<i>For Class 54 Rating, Add</i>	1,859.97	
<i>For Class 55 Rating, Add</i>	2,772.19	
<i>For Class 56 Rating, Add</i>	3,672.10	
40 05 19 00-2916 EA 18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,883.49	756.44
<i>For Class 52 Rating, Deduct</i>	-1,401.11	
<i>For Class 54 Rating, Add</i>	1,924.36	
<i>For Class 55 Rating, Add</i>	2,867.94	
<i>For Class 56 Rating, Add</i>	3,798.79	
40 05 19 00-2917 EA 18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,317.17	759.61
<i>For Class 52 Rating, Deduct</i>	-1,448.29	
<i>For Class 54 Rating, Add</i>	1,988.75	
<i>For Class 55 Rating, Add</i>	2,963.70	
<i>For Class 56 Rating, Add</i>	3,925.48	
40 05 19 00-2918 EA 18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,750.85	762.79
<i>For Class 52 Rating, Deduct</i>	-1,495.46	
<i>For Class 54 Rating, Add</i>	2,053.14	
<i>For Class 55 Rating, Add</i>	3,059.45	
<i>For Class 56 Rating, Add</i>	4,052.17	
40 05 19 00-2919 EA 18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,184.52	765.96
<i>For Class 52 Rating, Deduct</i>	-1,542.64	
<i>For Class 54 Rating, Add</i>	2,117.52	
<i>For Class 55 Rating, Add</i>	3,155.20	
<i>For Class 56 Rating, Add</i>	4,178.85	
40 05 19 00-2920 EA 18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,618.20	769.13
<i>For Class 52 Rating, Deduct</i>	-1,589.81	
<i>For Class 54 Rating, Add</i>	2,181.91	
<i>For Class 55 Rating, Add</i>	3,250.95	
<i>For Class 56 Rating, Add</i>	4,305.54	
40 05 19 00-2921 EA 18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,051.87	772.31
<i>For Class 52 Rating, Deduct</i>	-1,636.99	
<i>For Class 54 Rating, Add</i>	2,246.30	
<i>For Class 55 Rating, Add</i>	3,346.71	
<i>For Class 56 Rating, Add</i>	4,432.23	
40 05 19 00-2922 EA 18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,485.55	775.48
<i>For Class 52 Rating, Deduct</i>	-1,684.16	
<i>For Class 54 Rating, Add</i>	2,310.69	
<i>For Class 55 Rating, Add</i>	3,442.46	
<i>For Class 56 Rating, Add</i>	4,558.92	
40 05 19 00-2923 EA 18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,919.23	778.66
<i>For Class 52 Rating, Deduct</i>	-1,731.34	
<i>For Class 54 Rating, Add</i>	2,375.08	
<i>For Class 55 Rating, Add</i>	3,538.21	
<i>For Class 56 Rating, Add</i>	4,685.61	
40 05 19 00-2924 EA 18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,352.89	781.82
<i>For Class 52 Rating, Deduct</i>	-1,778.52	
<i>For Class 54 Rating, Add</i>	2,439.46	
<i>For Class 55 Rating, Add</i>	3,633.97	
<i>For Class 56 Rating, Add</i>	4,812.30	
40 05 19 00-2925 EA 18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,786.57	784.99
<i>For Class 52 Rating, Deduct</i>	-1,825.69	
<i>For Class 54 Rating, Add</i>	2,503.85	
<i>For Class 55 Rating, Add</i>	3,729.72	
<i>For Class 56 Rating, Add</i>	4,938.99	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2926	EA	18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		18,220.25	788.17
		<i>For Class 52 Rating, Deduct</i>		-1,872.87	
		<i>For Class 54 Rating, Add</i>		2,568.24	
		<i>For Class 55 Rating, Add</i>		3,825.47	
		<i>For Class 56 Rating, Add</i>		5,065.68	
40 05 19 00-2927	EA	18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		18,653.93	791.34
		<i>For Class 52 Rating, Deduct</i>		-1,920.04	
		<i>For Class 54 Rating, Add</i>		2,632.63	
		<i>For Class 55 Rating, Add</i>		3,921.23	
		<i>For Class 56 Rating, Add</i>		5,192.37	
40 05 19 00-2928	EA	18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		19,087.61	794.52
		<i>For Class 52 Rating, Deduct</i>		-1,967.22	
		<i>For Class 54 Rating, Add</i>		2,697.02	
		<i>For Class 55 Rating, Add</i>		4,016.98	
		<i>For Class 56 Rating, Add</i>		5,319.06	
40 05 19 00-2929	EA	18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		19,521.27	797.69
		<i>For Class 52 Rating, Deduct</i>		-2,014.39	
		<i>For Class 54 Rating, Add</i>		2,761.40	
		<i>For Class 55 Rating, Add</i>		4,112.73	
		<i>For Class 56 Rating, Add</i>		5,445.74	
40 05 19 00-2930	EA	18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		19,954.95	800.86
		<i>For Class 52 Rating, Deduct</i>		-2,061.57	
		<i>For Class 54 Rating, Add</i>		2,825.79	
		<i>For Class 55 Rating, Add</i>		4,208.48	
		<i>For Class 56 Rating, Add</i>		5,572.43	
40 05 19 00-2931	EA	18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,388.62	804.04
		<i>For Class 52 Rating, Deduct</i>		-2,108.74	
		<i>For Class 54 Rating, Add</i>		2,890.18	
		<i>For Class 55 Rating, Add</i>		4,304.24	
		<i>For Class 56 Rating, Add</i>		5,699.12	
40 05 19 00-2932		20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2614)</small>			
40 05 19 00-2933	EA	20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,032.98	783.73
		<i>For Class 52 Rating, Deduct</i>		-423.01	
		<i>For Class 54 Rating, Add</i>		591.08	
		<i>For Class 55 Rating, Add</i>		886.05	
		<i>For Class 56 Rating, Add</i>		1,177.18	
40 05 19 00-2934	EA	20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,526.69	786.89
		<i>For Class 52 Rating, Deduct</i>		-476.79	
		<i>For Class 54 Rating, Add</i>		664.47	
		<i>For Class 55 Rating, Add</i>		995.19	
		<i>For Class 56 Rating, Add</i>		1,321.58	
40 05 19 00-2935	EA	20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,020.42	790.07
		<i>For Class 52 Rating, Deduct</i>		-530.57	
		<i>For Class 54 Rating, Add</i>		737.87	
		<i>For Class 55 Rating, Add</i>		1,104.33	
		<i>For Class 56 Rating, Add</i>		1,465.98	
40 05 19 00-2936	EA	20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,514.13	793.24
		<i>For Class 52 Rating, Deduct</i>		-584.35	
		<i>For Class 54 Rating, Add</i>		811.26	
		<i>For Class 55 Rating, Add</i>		1,213.47	
		<i>For Class 56 Rating, Add</i>		1,610.38	
40 05 19 00-2937	EA	20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,007.84	796.41
		<i>For Class 52 Rating, Deduct</i>		-638.13	
		<i>For Class 54 Rating, Add</i>		884.65	
		<i>For Class 55 Rating, Add</i>		1,322.62	
		<i>For Class 56 Rating, Add</i>		1,754.78	
40 05 19 00-2938	EA	20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,501.56	799.59
		<i>For Class 52 Rating, Deduct</i>		-691.91	
		<i>For Class 54 Rating, Add</i>		958.05	
		<i>For Class 55 Rating, Add</i>		1,431.76	
		<i>For Class 56 Rating, Add</i>		1,899.18	
40 05 19 00-2939	EA	20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,995.27	802.76
		<i>For Class 52 Rating, Deduct</i>		-745.69	
		<i>For Class 54 Rating, Add</i>		1,031.44	
		<i>For Class 55 Rating, Add</i>		1,540.90	
		<i>For Class 56 Rating, Add</i>		2,043.58	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

	MINOR						TOTAL DIRECT	DEMOLITION
	CSI	UOM	DESCRIPTION				UNIT COST	UNIT COST
40 05 19 00-2940	EA		20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				8,488.99	805.94
			<i>For Class 52 Rating, Deduct</i>				-799.47	
			<i>For Class 54 Rating, Add</i>				1,104.84	
			<i>For Class 55 Rating, Add</i>				1,650.04	
			<i>For Class 56 Rating, Add</i>				2,187.98	
40 05 19 00-2941	EA		20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				8,982.71	809.11
			<i>For Class 52 Rating, Deduct</i>				-853.25	
			<i>For Class 54 Rating, Add</i>				1,178.23	
			<i>For Class 55 Rating, Add</i>				1,759.19	
			<i>For Class 56 Rating, Add</i>				2,332.39	
40 05 19 00-2942	EA		20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				9,476.43	812.28
			<i>For Class 52 Rating, Deduct</i>				-907.03	
			<i>For Class 54 Rating, Add</i>				1,251.62	
			<i>For Class 55 Rating, Add</i>				1,868.33	
			<i>For Class 56 Rating, Add</i>				2,476.79	
40 05 19 00-2943	EA		20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				9,970.15	815.45
			<i>For Class 52 Rating, Deduct</i>				-960.81	
			<i>For Class 54 Rating, Add</i>				1,325.02	
			<i>For Class 55 Rating, Add</i>				1,977.47	
			<i>For Class 56 Rating, Add</i>				2,621.19	
40 05 19 00-2944	EA		20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				10,463.86	818.62
			<i>For Class 52 Rating, Deduct</i>				-1,014.59	
			<i>For Class 54 Rating, Add</i>				1,398.41	
			<i>For Class 55 Rating, Add</i>				2,086.61	
			<i>For Class 56 Rating, Add</i>				2,765.59	
40 05 19 00-2945	EA		20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				10,957.58	821.80
			<i>For Class 52 Rating, Deduct</i>				-1,068.37	
			<i>For Class 54 Rating, Add</i>				1,471.81	
			<i>For Class 55 Rating, Add</i>				2,195.76	
			<i>For Class 56 Rating, Add</i>				2,909.99	
40 05 19 00-2946	EA		20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				11,451.30	824.97
			<i>For Class 52 Rating, Deduct</i>				-1,122.15	
			<i>For Class 54 Rating, Add</i>				1,545.20	
			<i>For Class 55 Rating, Add</i>				2,304.90	
			<i>For Class 56 Rating, Add</i>				3,054.39	
40 05 19 00-2947	EA		20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				11,945.01	828.15
			<i>For Class 52 Rating, Deduct</i>				-1,175.93	
			<i>For Class 54 Rating, Add</i>				1,618.59	
			<i>For Class 55 Rating, Add</i>				2,414.04	
			<i>For Class 56 Rating, Add</i>				3,198.80	
40 05 19 00-2948	EA		20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				12,438.74	831.32
			<i>For Class 52 Rating, Deduct</i>				-1,229.71	
			<i>For Class 54 Rating, Add</i>				1,691.99	
			<i>For Class 55 Rating, Add</i>				2,523.18	
			<i>For Class 56 Rating, Add</i>				3,343.20	
40 05 19 00-2949	EA		20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				12,932.45	834.49
			<i>For Class 52 Rating, Deduct</i>				-1,283.49	
			<i>For Class 54 Rating, Add</i>				1,765.38	
			<i>For Class 55 Rating, Add</i>				2,632.32	
			<i>For Class 56 Rating, Add</i>				3,487.60	
40 05 19 00-2950	EA		20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				13,426.17	837.67
			<i>For Class 52 Rating, Deduct</i>				-1,337.27	
			<i>For Class 54 Rating, Add</i>				1,838.78	
			<i>For Class 55 Rating, Add</i>				2,741.47	
			<i>For Class 56 Rating, Add</i>				3,632.00	
40 05 19 00-2951	EA		20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				13,919.88	840.83
			<i>For Class 52 Rating, Deduct</i>				-1,391.05	
			<i>For Class 54 Rating, Add</i>				1,912.17	
			<i>For Class 55 Rating, Add</i>				2,850.61	
			<i>For Class 56 Rating, Add</i>				3,776.40	
40 05 19 00-2952	EA		20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				14,413.60	844.01
			<i>For Class 52 Rating, Deduct</i>				-1,444.83	
			<i>For Class 54 Rating, Add</i>				1,985.57	
			<i>For Class 55 Rating, Add</i>				2,959.75	
			<i>For Class 56 Rating, Add</i>				3,920.80	
40 05 19 00-2953	EA		20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				14,907.32	847.18
			<i>For Class 52 Rating, Deduct</i>				-1,498.61	
			<i>For Class 54 Rating, Add</i>				2,058.96	
			<i>For Class 55 Rating, Add</i>				3,068.89	
			<i>For Class 56 Rating, Add</i>				4,065.20	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2954	EA	20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		15,401.04	850.35
		<i>For Class 52 Rating, Deduct</i>		-1,552.39	
		<i>For Class 54 Rating, Add</i>		2,132.35	
		<i>For Class 55 Rating, Add</i>		3,178.04	
		<i>For Class 56 Rating, Add</i>		4,209.61	
40 05 19 00-2955	EA	20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		15,894.76	853.53
		<i>For Class 52 Rating, Deduct</i>		-1,606.17	
		<i>For Class 54 Rating, Add</i>		2,205.75	
		<i>For Class 55 Rating, Add</i>		3,287.18	
		<i>For Class 56 Rating, Add</i>		4,354.01	
40 05 19 00-2956	EA	20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		16,388.47	856.70
		<i>For Class 52 Rating, Deduct</i>		-1,659.95	
		<i>For Class 54 Rating, Add</i>		2,279.14	
		<i>For Class 55 Rating, Add</i>		3,396.32	
		<i>For Class 56 Rating, Add</i>		4,498.41	
40 05 19 00-2957	EA	20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		16,882.18	859.88
		<i>For Class 52 Rating, Deduct</i>		-1,713.73	
		<i>For Class 54 Rating, Add</i>		2,352.54	
		<i>For Class 55 Rating, Add</i>		3,505.46	
		<i>For Class 56 Rating, Add</i>		4,642.81	
40 05 19 00-2958	EA	20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		17,375.90	863.05
		<i>For Class 52 Rating, Deduct</i>		-1,767.51	
		<i>For Class 54 Rating, Add</i>		2,425.93	
		<i>For Class 55 Rating, Add</i>		3,614.60	
		<i>For Class 56 Rating, Add</i>		4,787.21	
40 05 19 00-2959	EA	20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		17,869.61	866.23
		<i>For Class 52 Rating, Deduct</i>		-1,821.29	
		<i>For Class 54 Rating, Add</i>		2,499.32	
		<i>For Class 55 Rating, Add</i>		3,723.75	
		<i>For Class 56 Rating, Add</i>		4,931.61	
40 05 19 00-2960	EA	20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		18,363.33	869.39
		<i>For Class 52 Rating, Deduct</i>		-1,875.07	
		<i>For Class 54 Rating, Add</i>		2,572.72	
		<i>For Class 55 Rating, Add</i>		3,832.89	
		<i>For Class 56 Rating, Add</i>		5,076.01	
40 05 19 00-2961	EA	20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		18,857.05	872.56
		<i>For Class 52 Rating, Deduct</i>		-1,928.85	
		<i>For Class 54 Rating, Add</i>		2,646.11	
		<i>For Class 55 Rating, Add</i>		3,942.03	
		<i>For Class 56 Rating, Add</i>		5,220.41	
40 05 19 00-2962	EA	20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		19,350.77	875.74
		<i>For Class 52 Rating, Deduct</i>		-1,982.63	
		<i>For Class 54 Rating, Add</i>		2,719.51	
		<i>For Class 55 Rating, Add</i>		4,051.17	
		<i>For Class 56 Rating, Add</i>		5,364.82	
40 05 19 00-2963	EA	20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		19,844.49	878.91
		<i>For Class 52 Rating, Deduct</i>		-2,036.41	
		<i>For Class 54 Rating, Add</i>		2,792.90	
		<i>For Class 55 Rating, Add</i>		4,160.31	
		<i>For Class 56 Rating, Add</i>		5,509.22	
40 05 19 00-2964	EA	20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		20,338.20	882.09
		<i>For Class 52 Rating, Deduct</i>		-2,090.19	
		<i>For Class 54 Rating, Add</i>		2,866.29	
		<i>For Class 55 Rating, Add</i>		4,269.46	
		<i>For Class 56 Rating, Add</i>		5,653.62	
40 05 19 00-2965	EA	20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		20,831.92	885.26
		<i>For Class 52 Rating, Deduct</i>		-2,143.97	
		<i>For Class 54 Rating, Add</i>		2,939.69	
		<i>For Class 55 Rating, Add</i>		4,378.60	
		<i>For Class 56 Rating, Add</i>		5,798.02	
40 05 19 00-2966	EA	20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		21,325.63	888.43
		<i>For Class 52 Rating, Deduct</i>		-2,197.75	
		<i>For Class 54 Rating, Add</i>		3,013.08	
		<i>For Class 55 Rating, Add</i>		4,487.74	
		<i>For Class 56 Rating, Add</i>		5,942.42	
40 05 19 00-2967	EA	20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		21,819.36	891.61
		<i>For Class 52 Rating, Deduct</i>		-2,251.53	
		<i>For Class 54 Rating, Add</i>		3,086.48	
		<i>For Class 55 Rating, Add</i>		4,596.88	
		<i>For Class 56 Rating, Add</i>		6,086.82	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2968 EA 20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,313.08	894.78
For Class 52 Rating, Deduct	-2,305.31	
For Class 54 Rating, Add	3,159.87	
For Class 55 Rating, Add	4,706.03	
For Class 56 Rating, Add	6,231.22	
40 05 19 00-2969 EA 20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,806.79	897.95
For Class 52 Rating, Deduct	-2,359.09	
For Class 54 Rating, Add	3,233.27	
For Class 55 Rating, Add	4,815.17	
For Class 56 Rating, Add	6,375.63	
40 05 19 00-2970 EA 20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,300.51	901.12
For Class 52 Rating, Deduct	-2,412.87	
For Class 54 Rating, Add	3,306.66	
For Class 55 Rating, Add	4,924.31	
For Class 56 Rating, Add	6,520.03	
<b>40 05 19 00-2971 24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2974)</b>		
40 05 19 00-2972 EA 24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,258.59	926.50
For Class 52 Rating, Deduct	-534.03	
For Class 54 Rating, Add	745.06	
For Class 55 Rating, Add	1,116.31	
For Class 56 Rating, Add	1,482.70	
40 05 19 00-2973 EA 24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,869.53	929.68
For Class 52 Rating, Deduct	-600.70	
For Class 54 Rating, Add	836.04	
For Class 55 Rating, Add	1,251.59	
For Class 56 Rating, Add	1,661.68	
40 05 19 00-2974 EA 24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,480.47	932.85
For Class 52 Rating, Deduct	-667.38	
For Class 54 Rating, Add	927.02	
For Class 55 Rating, Add	1,386.87	
For Class 56 Rating, Add	1,840.66	
40 05 19 00-2975 EA 24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,091.41	936.03
For Class 52 Rating, Deduct	-734.05	
For Class 54 Rating, Add	1,018.00	
For Class 55 Rating, Add	1,522.16	
For Class 56 Rating, Add	2,019.65	
40 05 19 00-2976 EA 24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,702.35	939.20
For Class 52 Rating, Deduct	-800.73	
For Class 54 Rating, Add	1,108.97	
For Class 55 Rating, Add	1,657.44	
For Class 56 Rating, Add	2,198.63	
40 05 19 00-2977 EA 24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,313.29	942.37
For Class 52 Rating, Deduct	-867.40	
For Class 54 Rating, Add	1,199.95	
For Class 55 Rating, Add	1,792.72	
For Class 56 Rating, Add	2,377.61	
40 05 19 00-2978 EA 24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,924.23	945.55
For Class 52 Rating, Deduct	-934.07	
For Class 54 Rating, Add	1,290.93	
For Class 55 Rating, Add	1,928.01	
For Class 56 Rating, Add	2,556.59	
40 05 19 00-2979 EA 24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,535.17	948.72
For Class 52 Rating, Deduct	-1,000.75	
For Class 54 Rating, Add	1,381.91	
For Class 55 Rating, Add	2,063.29	
For Class 56 Rating, Add	2,735.58	
40 05 19 00-2980 EA 24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,146.11	951.89
For Class 52 Rating, Deduct	-1,067.42	
For Class 54 Rating, Add	1,472.88	
For Class 55 Rating, Add	2,198.57	
For Class 56 Rating, Add	2,914.56	
40 05 19 00-2981 EA 24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,757.06	955.06
For Class 52 Rating, Deduct	-1,134.10	
For Class 54 Rating, Add	1,563.86	
For Class 55 Rating, Add	2,333.86	
For Class 56 Rating, Add	3,093.54	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2982	EA	24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		12,367.99	958.23
		<i>For Class 52 Rating, Deduct</i>		-1,200.77	
		<i>For Class 54 Rating, Add</i>		1,654.84	
		<i>For Class 55 Rating, Add</i>		2,469.14	
		<i>For Class 56 Rating, Add</i>		3,272.52	
40 05 19 00-2983	EA	24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		12,978.93	961.41
		<i>For Class 52 Rating, Deduct</i>		-1,267.45	
		<i>For Class 54 Rating, Add</i>		1,745.82	
		<i>For Class 55 Rating, Add</i>		2,604.42	
		<i>For Class 56 Rating, Add</i>		3,451.50	
40 05 19 00-2984	EA	24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		13,589.88	964.58
		<i>For Class 52 Rating, Deduct</i>		-1,334.12	
		<i>For Class 54 Rating, Add</i>		1,836.80	
		<i>For Class 55 Rating, Add</i>		2,739.71	
		<i>For Class 56 Rating, Add</i>		3,630.49	
40 05 19 00-2985	EA	24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		14,200.81	967.76
		<i>For Class 52 Rating, Deduct</i>		-1,400.80	
		<i>For Class 54 Rating, Add</i>		1,927.77	
		<i>For Class 55 Rating, Add</i>		2,874.99	
		<i>For Class 56 Rating, Add</i>		3,809.47	
40 05 19 00-2986	EA	24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		14,811.76	970.93
		<i>For Class 52 Rating, Deduct</i>		-1,467.47	
		<i>For Class 54 Rating, Add</i>		2,018.75	
		<i>For Class 55 Rating, Add</i>		3,010.27	
		<i>For Class 56 Rating, Add</i>		3,988.45	
40 05 19 00-2987	EA	24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		15,422.70	974.11
		<i>For Class 52 Rating, Deduct</i>		-1,534.15	
		<i>For Class 54 Rating, Add</i>		2,109.73	
		<i>For Class 55 Rating, Add</i>		3,145.56	
		<i>For Class 56 Rating, Add</i>		4,167.44	
40 05 19 00-2988	EA	24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		16,033.64	977.27
		<i>For Class 52 Rating, Deduct</i>		-1,600.82	
		<i>For Class 54 Rating, Add</i>		2,200.71	
		<i>For Class 55 Rating, Add</i>		3,280.84	
		<i>For Class 56 Rating, Add</i>		4,346.42	
40 05 19 00-2989	EA	24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		16,644.58	980.44
		<i>For Class 52 Rating, Deduct</i>		-1,667.50	
		<i>For Class 54 Rating, Add</i>		2,291.68	
		<i>For Class 55 Rating, Add</i>		3,416.12	
		<i>For Class 56 Rating, Add</i>		4,525.40	
40 05 19 00-2990	EA	24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		17,255.52	983.62
		<i>For Class 52 Rating, Deduct</i>		-1,734.17	
		<i>For Class 54 Rating, Add</i>		2,382.66	
		<i>For Class 55 Rating, Add</i>		3,551.41	
		<i>For Class 56 Rating, Add</i>		4,704.38	
40 05 19 00-2991	EA	24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		17,866.46	986.79
		<i>For Class 52 Rating, Deduct</i>		-1,800.85	
		<i>For Class 54 Rating, Add</i>		2,473.64	
		<i>For Class 55 Rating, Add</i>		3,686.69	
		<i>For Class 56 Rating, Add</i>		4,883.36	
40 05 19 00-2992	EA	24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		18,477.40	989.97
		<i>For Class 52 Rating, Deduct</i>		-1,867.52	
		<i>For Class 54 Rating, Add</i>		2,564.62	
		<i>For Class 55 Rating, Add</i>		3,821.97	
		<i>For Class 56 Rating, Add</i>		5,062.35	
40 05 19 00-2993	EA	24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		19,088.35	993.14
		<i>For Class 52 Rating, Deduct</i>		-1,934.19	
		<i>For Class 54 Rating, Add</i>		2,655.60	
		<i>For Class 55 Rating, Add</i>		3,957.25	
		<i>For Class 56 Rating, Add</i>		5,241.33	
40 05 19 00-2994	EA	24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		19,699.29	996.31
		<i>For Class 52 Rating, Deduct</i>		-2,000.87	
		<i>For Class 54 Rating, Add</i>		2,746.57	
		<i>For Class 55 Rating, Add</i>		4,092.54	
		<i>For Class 56 Rating, Add</i>		5,420.31	
40 05 19 00-2995	EA	24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....		20,310.22	999.49
		<i>For Class 52 Rating, Deduct</i>		-2,067.54	
		<i>For Class 54 Rating, Add</i>		2,837.55	
		<i>For Class 55 Rating, Add</i>		4,227.82	
		<i>For Class 56 Rating, Add</i>		5,599.29	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-2996 EA 24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	20,921.17	1,002.66
<i>For Class 52 Rating, Deduct</i>	-2,134.22	
<i>For Class 54 Rating, Add</i>	2,928.53	
<i>For Class 55 Rating, Add</i>	4,363.10	
<i>For Class 56 Rating, Add</i>	5,778.28	
40 05 19 00-2997 EA 24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	21,532.10	1,005.83
<i>For Class 52 Rating, Deduct</i>	-2,200.89	
<i>For Class 54 Rating, Add</i>	3,019.51	
<i>For Class 55 Rating, Add</i>	4,498.39	
<i>For Class 56 Rating, Add</i>	5,957.26	
40 05 19 00-2998 EA 24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	22,143.05	1,009.00
<i>For Class 52 Rating, Deduct</i>	-2,267.57	
<i>For Class 54 Rating, Add</i>	3,110.48	
<i>For Class 55 Rating, Add</i>	4,633.67	
<i>For Class 56 Rating, Add</i>	6,136.24	
40 05 19 00-2999 EA 24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	22,754.00	1,012.17
<i>For Class 52 Rating, Deduct</i>	-2,334.24	
<i>For Class 54 Rating, Add</i>	3,201.46	
<i>For Class 55 Rating, Add</i>	4,768.95	
<i>For Class 56 Rating, Add</i>	6,315.23	
40 05 19 00-3000 EA 24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	23,364.93	1,015.35
<i>For Class 52 Rating, Deduct</i>	-2,400.92	
<i>For Class 54 Rating, Add</i>	3,292.44	
<i>For Class 55 Rating, Add</i>	4,904.24	
<i>For Class 56 Rating, Add</i>	6,494.21	
40 05 19 00-3001 EA 24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	24,057.61	1,072.46
<i>For Class 52 Rating, Deduct</i>	-2,467.59	
<i>For Class 54 Rating, Add</i>	3,384.40	
<i>For Class 55 Rating, Add</i>	5,041.48	
<i>For Class 56 Rating, Add</i>	6,676.13	
40 05 19 00-3002 EA 24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	24,668.54	1,075.64
<i>For Class 52 Rating, Deduct</i>	-2,534.27	
<i>For Class 54 Rating, Add</i>	3,475.38	
<i>For Class 55 Rating, Add</i>	5,176.76	
<i>For Class 56 Rating, Add</i>	6,855.11	
40 05 19 00-3003 EA 24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	25,279.48	1,078.81
<i>For Class 52 Rating, Deduct</i>	-2,600.94	
<i>For Class 54 Rating, Add</i>	3,566.35	
<i>For Class 55 Rating, Add</i>	5,312.05	
<i>For Class 56 Rating, Add</i>	7,034.10	
40 05 19 00-3004 EA 24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	25,890.43	1,081.99
<i>For Class 52 Rating, Deduct</i>	-2,667.62	
<i>For Class 54 Rating, Add</i>	3,657.33	
<i>For Class 55 Rating, Add</i>	5,447.33	
<i>For Class 56 Rating, Add</i>	7,213.08	
40 05 19 00-3005 EA 24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	26,501.36	1,085.16
<i>For Class 52 Rating, Deduct</i>	-2,734.29	
<i>For Class 54 Rating, Add</i>	3,748.31	
<i>For Class 55 Rating, Add</i>	5,582.61	
<i>For Class 56 Rating, Add</i>	7,392.06	
40 05 19 00-3006 EA 24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	27,109.44	1,088.32
<i>For Class 52 Rating, Deduct</i>	-2,800.65	
<i>For Class 54 Rating, Add</i>	3,838.86	
<i>For Class 55 Rating, Add</i>	5,717.26	
<i>For Class 56 Rating, Add</i>	7,570.20	
40 05 19 00-3007 EA 24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	27,723.25	1,091.50
<i>For Class 52 Rating, Deduct</i>	-2,867.64	
<i>For Class 54 Rating, Add</i>	3,930.26	
<i>For Class 55 Rating, Add</i>	5,853.18	
<i>For Class 56 Rating, Add</i>	7,750.03	
40 05 19 00-3008 EA 24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	28,334.19	1,094.67
<i>For Class 52 Rating, Deduct</i>	-2,934.31	
<i>For Class 54 Rating, Add</i>	4,021.24	
<i>For Class 55 Rating, Add</i>	5,988.46	
<i>For Class 56 Rating, Add</i>	7,929.01	
40 05 19 00-3009 EA 24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	28,945.13	1,097.85
<i>For Class 52 Rating, Deduct</i>	-3,000.99	
<i>For Class 54 Rating, Add</i>	4,112.22	
<i>For Class 55 Rating, Add</i>	6,123.75	
<i>For Class 56 Rating, Add</i>	8,107.99	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe


 MINOR  
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION  
 UNIT COST UNIT COST

40 05 19 00-3010	30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2614)</small>			
40 05 19 00-3011	EA	30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,625.99	1,307.27
		<i>For Class 52 Rating, Deduct</i>	-840.98	
		<i>For Class 54 Rating, Add</i>	1,170.56	
		<i>For Class 55 Rating, Add</i>	1,752.44	
		<i>For Class 56 Rating, Add</i>	2,326.67	
40 05 19 00-3012	EA	30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,499.97	1,310.43
		<i>For Class 52 Rating, Deduct</i>	-936.59	
		<i>For Class 54 Rating, Add</i>	1,301.00	
		<i>For Class 55 Rating, Add</i>	1,946.38	
		<i>For Class 56 Rating, Add</i>	2,583.24	
40 05 19 00-3013	EA	30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,373.95	1,313.61
		<i>For Class 52 Rating, Deduct</i>	-1,032.20	
		<i>For Class 54 Rating, Add</i>	1,431.43	
		<i>For Class 55 Rating, Add</i>	2,140.32	
		<i>For Class 56 Rating, Add</i>	2,839.82	
40 05 19 00-3014	EA	30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,247.93	1,316.78
		<i>For Class 52 Rating, Deduct</i>	-1,127.81	
		<i>For Class 54 Rating, Add</i>	1,561.86	
		<i>For Class 55 Rating, Add</i>	2,334.26	
		<i>For Class 56 Rating, Add</i>	3,096.40	
40 05 19 00-3015	EA	30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,121.91	1,319.95
		<i>For Class 52 Rating, Deduct</i>	-1,223.42	
		<i>For Class 54 Rating, Add</i>	1,692.30	
		<i>For Class 55 Rating, Add</i>	2,528.20	
		<i>For Class 56 Rating, Add</i>	3,352.98	
40 05 19 00-3016	EA	30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,995.89	1,323.13
		<i>For Class 52 Rating, Deduct</i>	-1,319.03	
		<i>For Class 54 Rating, Add</i>	1,822.73	
		<i>For Class 55 Rating, Add</i>	2,722.14	
		<i>For Class 56 Rating, Add</i>	3,609.56	
40 05 19 00-3017	EA	30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,869.86	1,326.30
		<i>For Class 52 Rating, Deduct</i>	-1,414.64	
		<i>For Class 54 Rating, Add</i>	1,953.16	
		<i>For Class 55 Rating, Add</i>	2,916.08	
		<i>For Class 56 Rating, Add</i>	3,866.14	
40 05 19 00-3018	EA	30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,743.84	1,329.48
		<i>For Class 52 Rating, Deduct</i>	-1,510.24	
		<i>For Class 54 Rating, Add</i>	2,083.60	
		<i>For Class 55 Rating, Add</i>	3,110.02	
		<i>For Class 56 Rating, Add</i>	4,122.72	
40 05 19 00-3019	EA	30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,617.84	1,332.65
		<i>For Class 52 Rating, Deduct</i>	-1,605.85	
		<i>For Class 54 Rating, Add</i>	2,214.03	
		<i>For Class 55 Rating, Add</i>	3,303.96	
		<i>For Class 56 Rating, Add</i>	4,379.30	
40 05 19 00-3020	EA	30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,491.81	1,335.82
		<i>For Class 52 Rating, Deduct</i>	-1,701.46	
		<i>For Class 54 Rating, Add</i>	2,344.46	
		<i>For Class 55 Rating, Add</i>	3,497.90	
		<i>For Class 56 Rating, Add</i>	4,635.88	
40 05 19 00-3021	EA	30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,365.79	1,338.99
		<i>For Class 52 Rating, Deduct</i>	-1,797.07	
		<i>For Class 54 Rating, Add</i>	2,474.90	
		<i>For Class 55 Rating, Add</i>	3,691.84	
		<i>For Class 56 Rating, Add</i>	4,892.45	
40 05 19 00-3022	EA	30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,239.76	1,342.16
		<i>For Class 52 Rating, Deduct</i>	-1,892.68	
		<i>For Class 54 Rating, Add</i>	2,605.33	
		<i>For Class 55 Rating, Add</i>	3,885.78	
		<i>For Class 56 Rating, Add</i>	5,149.03	
40 05 19 00-3023	EA	30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,113.75	1,345.34
		<i>For Class 52 Rating, Deduct</i>	-1,988.29	
		<i>For Class 54 Rating, Add</i>	2,735.76	
		<i>For Class 55 Rating, Add</i>	4,079.73	
		<i>For Class 56 Rating, Add</i>	5,405.61	
40 05 19 00-3024	EA	30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,987.73	1,348.51
		<i>For Class 52 Rating, Deduct</i>	-2,083.90	
		<i>For Class 54 Rating, Add</i>	2,866.20	
		<i>For Class 55 Rating, Add</i>	4,273.67	
		<i>For Class 56 Rating, Add</i>	5,662.19	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
Ductile Iron Process Pipe 40 05 19	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3025	EA			30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	21,861.71	1,351.69
				<i>For Class 52 Rating, Deduct</i>	-2,179.51	
				<i>For Class 54 Rating, Add</i>	2,996.63	
				<i>For Class 55 Rating, Add</i>	4,467.61	
				<i>For Class 56 Rating, Add</i>	5,918.77	
40 05 19 00-3026	EA			30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	22,735.69	1,354.86
				<i>For Class 52 Rating, Deduct</i>	-2,275.12	
				<i>For Class 54 Rating, Add</i>	3,127.06	
				<i>For Class 55 Rating, Add</i>	4,661.55	
				<i>For Class 56 Rating, Add</i>	6,175.35	
40 05 19 00-3027	EA			30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	23,609.67	1,358.03
				<i>For Class 52 Rating, Deduct</i>	-2,370.73	
				<i>For Class 54 Rating, Add</i>	3,257.50	
				<i>For Class 55 Rating, Add</i>	4,855.49	
				<i>For Class 56 Rating, Add</i>	6,431.93	
40 05 19 00-3028	EA			30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	24,483.65	1,361.21
				<i>For Class 52 Rating, Deduct</i>	-2,466.33	
				<i>For Class 54 Rating, Add</i>	3,387.93	
				<i>For Class 55 Rating, Add</i>	5,049.43	
				<i>For Class 56 Rating, Add</i>	6,688.51	
40 05 19 00-3029	EA			30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	25,357.63	1,364.37
				<i>For Class 52 Rating, Deduct</i>	-2,561.94	
				<i>For Class 54 Rating, Add</i>	3,518.37	
				<i>For Class 55 Rating, Add</i>	5,243.37	
				<i>For Class 56 Rating, Add</i>	6,945.09	
40 05 19 00-3030	EA			30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	26,231.60	1,367.55
				<i>For Class 52 Rating, Deduct</i>	-2,657.55	
				<i>For Class 54 Rating, Add</i>	3,648.80	
				<i>For Class 55 Rating, Add</i>	5,437.31	
				<i>For Class 56 Rating, Add</i>	7,201.66	
40 05 19 00-3031	EA			30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	27,105.60	1,370.72
				<i>For Class 52 Rating, Deduct</i>	-2,753.16	
				<i>For Class 54 Rating, Add</i>	3,779.23	
				<i>For Class 55 Rating, Add</i>	5,631.25	
				<i>For Class 56 Rating, Add</i>	7,458.25	
40 05 19 00-3032	EA			30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	27,979.57	1,373.89
				<i>For Class 52 Rating, Deduct</i>	-2,848.77	
				<i>For Class 54 Rating, Add</i>	3,909.67	
				<i>For Class 55 Rating, Add</i>	5,825.19	
				<i>For Class 56 Rating, Add</i>	7,714.82	
40 05 19 00-3033	EA			30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	28,853.55	1,377.07
				<i>For Class 52 Rating, Deduct</i>	-2,944.38	
				<i>For Class 54 Rating, Add</i>	4,040.10	
				<i>For Class 55 Rating, Add</i>	6,019.13	
				<i>For Class 56 Rating, Add</i>	7,971.40	
40 05 19 00-3034	EA			30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	29,727.53	1,380.24
				<i>For Class 52 Rating, Deduct</i>	-3,039.99	
				<i>For Class 54 Rating, Add</i>	4,170.53	
				<i>For Class 55 Rating, Add</i>	6,213.07	
				<i>For Class 56 Rating, Add</i>	8,227.98	
40 05 19 00-3035	EA			30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	30,601.51	1,383.42
				<i>For Class 52 Rating, Deduct</i>	-3,135.60	
				<i>For Class 54 Rating, Add</i>	4,300.97	
				<i>For Class 55 Rating, Add</i>	6,407.02	
				<i>For Class 56 Rating, Add</i>	8,484.56	
40 05 19 00-3036	EA			30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	31,475.49	1,386.59
				<i>For Class 52 Rating, Deduct</i>	-3,231.21	
				<i>For Class 54 Rating, Add</i>	4,431.40	
				<i>For Class 55 Rating, Add</i>	6,600.96	
				<i>For Class 56 Rating, Add</i>	8,741.14	
40 05 19 00-3037	EA			30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	32,349.47	1,389.77
				<i>For Class 52 Rating, Deduct</i>	-3,326.81	
				<i>For Class 54 Rating, Add</i>	4,561.83	
				<i>For Class 55 Rating, Add</i>	6,794.90	
				<i>For Class 56 Rating, Add</i>	8,997.72	
40 05 19 00-3038	EA			30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....	33,223.45	1,392.93
				<i>For Class 52 Rating, Deduct</i>	-3,422.42	
				<i>For Class 54 Rating, Add</i>	4,692.27	
				<i>For Class 55 Rating, Add</i>	6,988.84	
				<i>For Class 56 Rating, Add</i>	9,254.30	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3039	EA		30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,097.43	1,396.10
			<i>For Class 52 Rating, Deduct</i>	-3,518.03	
			<i>For Class 54 Rating, Add</i>	4,822.70	
			<i>For Class 55 Rating, Add</i>	7,182.78	
			<i>For Class 56 Rating, Add</i>	9,510.88	
40 05 19 00-3040	EA		30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,971.41	1,399.28
			<i>For Class 52 Rating, Deduct</i>	-3,613.64	
			<i>For Class 54 Rating, Add</i>	4,953.13	
			<i>For Class 55 Rating, Add</i>	7,376.72	
			<i>For Class 56 Rating, Add</i>	9,767.45	
40 05 19 00-3041	EA		30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,845.39	1,402.45
			<i>For Class 52 Rating, Deduct</i>	-3,709.25	
			<i>For Class 54 Rating, Add</i>	5,083.57	
			<i>For Class 55 Rating, Add</i>	7,570.66	
			<i>For Class 56 Rating, Add</i>	10,024.03	
40 05 19 00-3042	EA		30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,719.36	1,405.63
			<i>For Class 52 Rating, Deduct</i>	-3,804.86	
			<i>For Class 54 Rating, Add</i>	5,214.00	
			<i>For Class 55 Rating, Add</i>	7,764.60	
			<i>For Class 56 Rating, Add</i>	10,280.61	
40 05 19 00-3043	EA		30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,593.35	1,408.80
			<i>For Class 52 Rating, Deduct</i>	-3,900.47	
			<i>For Class 54 Rating, Add</i>	5,344.44	
			<i>For Class 55 Rating, Add</i>	7,958.54	
			<i>For Class 56 Rating, Add</i>	10,537.19	
40 05 19 00-3044	EA		30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,467.33	1,411.97
			<i>For Class 52 Rating, Deduct</i>	-3,996.08	
			<i>For Class 54 Rating, Add</i>	5,474.87	
			<i>For Class 55 Rating, Add</i>	8,152.48	
			<i>For Class 56 Rating, Add</i>	10,793.77	
40 05 19 00-3045	EA		30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	39,341.31	1,415.15
			<i>For Class 52 Rating, Deduct</i>	-4,091.69	
			<i>For Class 54 Rating, Add</i>	5,605.30	
			<i>For Class 55 Rating, Add</i>	8,346.42	
			<i>For Class 56 Rating, Add</i>	11,050.35	

**40 05 19 00-3046 36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe**

(40 05 19 00-2614)

40 05 19 00-3047	EA		36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,319.86	1,656.29
			<i>For Class 52 Rating, Deduct</i>	-1,189.14	
			<i>For Class 54 Rating, Add</i>	1,651.66	
			<i>For Class 55 Rating, Add</i>	2,470.93	
			<i>For Class 56 Rating, Add</i>	3,279.39	
40 05 19 00-3048	EA		36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,491.19	1,659.47
			<i>For Class 52 Rating, Deduct</i>	-1,317.45	
			<i>For Class 54 Rating, Add</i>	1,826.70	
			<i>For Class 55 Rating, Add</i>	2,731.18	
			<i>For Class 56 Rating, Add</i>	3,623.69	
40 05 19 00-3049	EA		36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,662.51	1,662.64
			<i>For Class 52 Rating, Deduct</i>	-1,445.77	
			<i>For Class 54 Rating, Add</i>	2,001.74	
			<i>For Class 55 Rating, Add</i>	2,991.43	
			<i>For Class 56 Rating, Add</i>	3,967.98	
40 05 19 00-3050	EA		36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,833.85	1,665.80
			<i>For Class 52 Rating, Deduct</i>	-1,574.09	
			<i>For Class 54 Rating, Add</i>	2,176.77	
			<i>For Class 55 Rating, Add</i>	3,251.68	
			<i>For Class 56 Rating, Add</i>	4,312.28	
40 05 19 00-3051	EA		36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,005.18	1,668.98
			<i>For Class 52 Rating, Deduct</i>	-1,702.41	
			<i>For Class 54 Rating, Add</i>	2,351.81	
			<i>For Class 55 Rating, Add</i>	3,511.93	
			<i>For Class 56 Rating, Add</i>	4,656.58	
40 05 19 00-3052	EA		36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,176.51	1,672.15
			<i>For Class 52 Rating, Deduct</i>	-1,830.72	
			<i>For Class 54 Rating, Add</i>	2,526.84	
			<i>For Class 55 Rating, Add</i>	3,772.18	
			<i>For Class 56 Rating, Add</i>	5,000.88	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

	MINOR						TOTAL DIRECT	DEMOLITION
	CSI	UOM	DESCRIPTION				UNIT COST	UNIT COST
40 05 19 00-3053	EA		36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				20,347.84	1,675.33
			<i>For Class 52 Rating, Deduct</i>				-1,959.04	
			<i>For Class 54 Rating, Add</i>				2,701.88	
			<i>For Class 55 Rating, Add</i>				4,032.43	
			<i>For Class 56 Rating, Add</i>				5,345.17	
40 05 19 00-3054	EA		36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				21,519.16	1,678.50
			<i>For Class 52 Rating, Deduct</i>				-2,087.36	
			<i>For Class 54 Rating, Add</i>				2,876.92	
			<i>For Class 55 Rating, Add</i>				4,292.68	
			<i>For Class 56 Rating, Add</i>				5,689.47	
40 05 19 00-3055	EA		36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				22,690.49	1,681.67
			<i>For Class 52 Rating, Deduct</i>				-2,215.68	
			<i>For Class 54 Rating, Add</i>				3,051.95	
			<i>For Class 55 Rating, Add</i>				4,552.93	
			<i>For Class 56 Rating, Add</i>				6,033.77	
40 05 19 00-3056	EA		36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				23,861.82	1,684.85
			<i>For Class 52 Rating, Deduct</i>				-2,343.99	
			<i>For Class 54 Rating, Add</i>				3,226.99	
			<i>For Class 55 Rating, Add</i>				4,813.18	
			<i>For Class 56 Rating, Add</i>				6,378.06	
40 05 19 00-3057	EA		36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				25,033.14	1,688.02
			<i>For Class 52 Rating, Deduct</i>				-2,472.31	
			<i>For Class 54 Rating, Add</i>				3,402.02	
			<i>For Class 55 Rating, Add</i>				5,073.43	
			<i>For Class 56 Rating, Add</i>				6,722.36	
40 05 19 00-3058	EA		36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				26,204.48	1,691.20
			<i>For Class 52 Rating, Deduct</i>				-2,600.63	
			<i>For Class 54 Rating, Add</i>				3,577.06	
			<i>For Class 55 Rating, Add</i>				5,333.68	
			<i>For Class 56 Rating, Add</i>				7,066.65	
40 05 19 00-3059	EA		36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				27,375.80	1,694.36
			<i>For Class 52 Rating, Deduct</i>				-2,728.94	
			<i>For Class 54 Rating, Add</i>				3,752.09	
			<i>For Class 55 Rating, Add</i>				5,593.93	
			<i>For Class 56 Rating, Add</i>				7,410.95	
40 05 19 00-3060	EA		36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				28,547.14	1,697.54
			<i>For Class 52 Rating, Deduct</i>				-2,857.26	
			<i>For Class 54 Rating, Add</i>				3,927.13	
			<i>For Class 55 Rating, Add</i>				5,854.18	
			<i>For Class 56 Rating, Add</i>				7,755.25	
40 05 19 00-3061	EA		36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				29,718.47	1,700.71
			<i>For Class 52 Rating, Deduct</i>				-2,985.58	
			<i>For Class 54 Rating, Add</i>				4,102.17	
			<i>For Class 55 Rating, Add</i>				6,114.43	
			<i>For Class 56 Rating, Add</i>				8,099.55	
40 05 19 00-3062	EA		36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				30,889.79	1,703.88
			<i>For Class 52 Rating, Deduct</i>				-3,113.90	
			<i>For Class 54 Rating, Add</i>				4,277.20	
			<i>For Class 55 Rating, Add</i>				6,374.68	
			<i>For Class 56 Rating, Add</i>				8,443.84	
40 05 19 00-3063	EA		36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				32,061.12	1,707.06
			<i>For Class 52 Rating, Deduct</i>				-3,242.21	
			<i>For Class 54 Rating, Add</i>				4,452.24	
			<i>For Class 55 Rating, Add</i>				6,634.93	
			<i>For Class 56 Rating, Add</i>				8,788.14	
40 05 19 00-3064	EA		36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				33,232.45	1,710.23
			<i>For Class 52 Rating, Deduct</i>				-3,370.53	
			<i>For Class 54 Rating, Add</i>				4,627.27	
			<i>For Class 55 Rating, Add</i>				6,895.18	
			<i>For Class 56 Rating, Add</i>				9,132.44	
40 05 19 00-3065	EA		36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				34,403.78	1,713.41
			<i>For Class 52 Rating, Deduct</i>				-3,498.85	
			<i>For Class 54 Rating, Add</i>				4,802.31	
			<i>For Class 55 Rating, Add</i>				7,155.43	
			<i>For Class 56 Rating, Add</i>				9,476.73	
40 05 19 00-3066	EA		36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe .....				35,575.11	1,716.58
			<i>For Class 52 Rating, Deduct</i>				-3,627.17	
			<i>For Class 54 Rating, Add</i>				4,977.35	
			<i>For Class 55 Rating, Add</i>				7,415.67	
			<i>For Class 56 Rating, Add</i>				9,821.03	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3067	EA	36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		36,746.43	1,719.75
		<i>For Class 52 Rating, Deduct</i>		-3,755.48	
		<i>For Class 54 Rating, Add</i>		5,152.38	
		<i>For Class 55 Rating, Add</i>		7,675.92	
		<i>For Class 56 Rating, Add</i>		10,165.33	
40 05 19 00-3068	EA	36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		37,917.76	1,722.92
		<i>For Class 52 Rating, Deduct</i>		-3,883.80	
		<i>For Class 54 Rating, Add</i>		5,327.42	
		<i>For Class 55 Rating, Add</i>		7,936.17	
		<i>For Class 56 Rating, Add</i>		10,509.62	
40 05 19 00-3069	EA	36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		39,089.08	1,726.09
		<i>For Class 52 Rating, Deduct</i>		-4,012.12	
		<i>For Class 54 Rating, Add</i>		5,502.45	
		<i>For Class 55 Rating, Add</i>		8,196.42	
		<i>For Class 56 Rating, Add</i>		10,853.92	
40 05 19 00-3070	EA	36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		40,260.41	1,729.27
		<i>For Class 52 Rating, Deduct</i>		-4,140.43	
		<i>For Class 54 Rating, Add</i>		5,677.49	
		<i>For Class 55 Rating, Add</i>		8,456.67	
		<i>For Class 56 Rating, Add</i>		11,198.22	
40 05 19 00-3071	EA	36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		41,431.75	1,732.44
		<i>For Class 52 Rating, Deduct</i>		-4,268.75	
		<i>For Class 54 Rating, Add</i>		5,852.52	
		<i>For Class 55 Rating, Add</i>		8,716.92	
		<i>For Class 56 Rating, Add</i>		11,542.51	
40 05 19 00-3072	EA	36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		42,603.08	1,735.61
		<i>For Class 52 Rating, Deduct</i>		-4,397.07	
		<i>For Class 54 Rating, Add</i>		6,027.56	
		<i>For Class 55 Rating, Add</i>		8,977.17	
		<i>For Class 56 Rating, Add</i>		11,886.81	
40 05 19 00-3073	EA	36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		43,774.41	1,738.79
		<i>For Class 52 Rating, Deduct</i>		-4,525.39	
		<i>For Class 54 Rating, Add</i>		6,202.60	
		<i>For Class 55 Rating, Add</i>		9,237.42	
		<i>For Class 56 Rating, Add</i>		12,231.11	
40 05 19 00-3074	EA	36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		44,945.73	1,741.96
		<i>For Class 52 Rating, Deduct</i>		-4,653.70	
		<i>For Class 54 Rating, Add</i>		6,377.63	
		<i>For Class 55 Rating, Add</i>		9,497.67	
		<i>For Class 56 Rating, Add</i>		12,575.40	
40 05 19 00-3075	EA	36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		46,117.06	1,745.14
		<i>For Class 52 Rating, Deduct</i>		-4,782.02	
		<i>For Class 54 Rating, Add</i>		6,552.67	
		<i>For Class 55 Rating, Add</i>		9,757.92	
		<i>For Class 56 Rating, Add</i>		12,919.70	
40 05 19 00-3076	EA	36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		47,288.38	1,748.30
		<i>For Class 52 Rating, Deduct</i>		-4,910.34	
		<i>For Class 54 Rating, Add</i>		6,727.70	
		<i>For Class 55 Rating, Add</i>		10,018.17	
		<i>For Class 56 Rating, Add</i>		13,264.00	
40 05 19 00-3077	EA	36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		48,459.72	1,751.48
		<i>For Class 52 Rating, Deduct</i>		-5,038.66	
		<i>For Class 54 Rating, Add</i>		6,902.74	
		<i>For Class 55 Rating, Add</i>		10,278.42	
		<i>For Class 56 Rating, Add</i>		13,608.29	
40 05 19 00-3078	EA	36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		49,631.05	1,754.65
		<i>For Class 52 Rating, Deduct</i>		-5,166.97	
		<i>For Class 54 Rating, Add</i>		7,077.77	
		<i>For Class 55 Rating, Add</i>		10,538.67	
		<i>For Class 56 Rating, Add</i>		13,952.59	
40 05 19 00-3079	EA	36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		50,802.37	1,757.82
		<i>For Class 52 Rating, Deduct</i>		-5,295.29	
		<i>For Class 54 Rating, Add</i>		7,252.81	
		<i>For Class 55 Rating, Add</i>		10,798.92	
		<i>For Class 56 Rating, Add</i>		14,296.89	
40 05 19 00-3080	EA	36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		51,973.70	1,761.00
		<i>For Class 52 Rating, Deduct</i>		-5,423.61	
		<i>For Class 54 Rating, Add</i>		7,427.85	
		<i>For Class 55 Rating, Add</i>		11,059.17	
		<i>For Class 56 Rating, Add</i>		14,641.18	



Process Interconnections	40
Common Work Results For Process Interconnections	40 05
Ductile Iron Process Pipe	40 05 19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3081 EA 36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	53,145.03	1,764.17
<i>For Class 52 Rating, Deduct</i>	-5,551.93	
<i>For Class 54 Rating, Add</i>	7,602.88	
<i>For Class 55 Rating, Add</i>	11,319.42	
<i>For Class 56 Rating, Add</i>	14,985.48	
 40 05 19 00-3082 Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2073)</small>		
40 05 19 00-3083 4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3082)</small>		
40 05 19 00-3084 EA 4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	718.31	155.17
<i>For Class 52 Rating, Deduct</i>	-53.15	
<i>For Class 54 Rating, Add</i>	75.30	
<i>For Class 55 Rating, Add</i>	113.39	
<i>For Class 56 Rating, Add</i>	151.01	
40 05 19 00-3085 EA 4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	831.06	157.89
<i>For Class 52 Rating, Deduct</i>	-65.10	
<i>For Class 54 Rating, Add</i>	91.65	
<i>For Class 55 Rating, Add</i>	137.72	
<i>For Class 56 Rating, Add</i>	183.20	
40 05 19 00-3086 EA 4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	943.81	160.61
<i>For Class 52 Rating, Deduct</i>	-77.05	
<i>For Class 54 Rating, Add</i>	107.99	
<i>For Class 55 Rating, Add</i>	162.05	
<i>For Class 56 Rating, Add</i>	215.40	
40 05 19 00-3087 EA 4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,056.58	163.31
<i>For Class 52 Rating, Deduct</i>	-89.00	
<i>For Class 54 Rating, Add</i>	124.34	
<i>For Class 55 Rating, Add</i>	186.37	
<i>For Class 56 Rating, Add</i>	247.60	
40 05 19 00-3088 EA 4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,169.33	166.03
<i>For Class 52 Rating, Deduct</i>	-100.96	
<i>For Class 54 Rating, Add</i>	140.69	
<i>For Class 55 Rating, Add</i>	210.70	
<i>For Class 56 Rating, Add</i>	279.80	
40 05 19 00-3089 EA 4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,282.08	168.75
<i>For Class 52 Rating, Deduct</i>	-112.91	
<i>For Class 54 Rating, Add</i>	157.03	
<i>For Class 55 Rating, Add</i>	235.03	
<i>For Class 56 Rating, Add</i>	312.00	
40 05 19 00-3090 EA 4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,394.85	171.46
<i>For Class 52 Rating, Deduct</i>	-124.86	
<i>For Class 54 Rating, Add</i>	173.38	
<i>For Class 55 Rating, Add</i>	259.36	
<i>For Class 56 Rating, Add</i>	344.20	
40 05 19 00-3091 EA 4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,507.60	174.16
<i>For Class 52 Rating, Deduct</i>	-136.81	
<i>For Class 54 Rating, Add</i>	189.72	
<i>For Class 55 Rating, Add</i>	283.68	
<i>For Class 56 Rating, Add</i>	376.40	
40 05 19 00-3092 EA 4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,620.35	176.88
<i>For Class 52 Rating, Deduct</i>	-148.76	
<i>For Class 54 Rating, Add</i>	206.07	
<i>For Class 55 Rating, Add</i>	308.01	
<i>For Class 56 Rating, Add</i>	408.59	
40 05 19 00-3093 EA 4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,733.12	179.60
<i>For Class 52 Rating, Deduct</i>	-160.71	
<i>For Class 54 Rating, Add</i>	222.42	
<i>For Class 55 Rating, Add</i>	332.34	
<i>For Class 56 Rating, Add</i>	440.79	
40 05 19 00-3094 EA 4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,845.88	182.30
<i>For Class 52 Rating, Deduct</i>	-172.66	
<i>For Class 54 Rating, Add</i>	238.76	
<i>For Class 55 Rating, Add</i>	356.66	
<i>For Class 56 Rating, Add</i>	472.99	
40 05 19 00-3095 EA 4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,958.62	185.02
<i>For Class 52 Rating, Deduct</i>	-184.61	
<i>For Class 54 Rating, Add</i>	255.11	
<i>For Class 55 Rating, Add</i>	380.99	
<i>For Class 56 Rating, Add</i>	505.19	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3096	EA	4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,071.39	187.74
		<i>For Class 52 Rating, Deduct</i>		-196.56	
		<i>For Class 54 Rating, Add</i>		271.46	
		<i>For Class 55 Rating, Add</i>		405.32	
		<i>For Class 56 Rating, Add</i>		537.39	
40 05 19 00-3097	EA	4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,184.15	190.45
		<i>For Class 52 Rating, Deduct</i>		-208.52	
		<i>For Class 54 Rating, Add</i>		287.80	
		<i>For Class 55 Rating, Add</i>		429.64	
		<i>For Class 56 Rating, Add</i>		569.59	
40 05 19 00-3098	EA	4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,296.90	193.15
		<i>For Class 52 Rating, Deduct</i>		-220.47	
		<i>For Class 54 Rating, Add</i>		304.15	
		<i>For Class 55 Rating, Add</i>		453.97	
		<i>For Class 56 Rating, Add</i>		601.79	
40 05 19 00-3099	EA	4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,409.66	195.87
		<i>For Class 52 Rating, Deduct</i>		-232.42	
		<i>For Class 54 Rating, Add</i>		320.49	
		<i>For Class 55 Rating, Add</i>		478.30	
		<i>For Class 56 Rating, Add</i>		633.99	
40 05 19 00-3100	EA	4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,522.42	198.59
		<i>For Class 52 Rating, Deduct</i>		-244.37	
		<i>For Class 54 Rating, Add</i>		336.84	
		<i>For Class 55 Rating, Add</i>		502.62	
		<i>For Class 56 Rating, Add</i>		666.19	
40 05 19 00-3101	EA	4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,635.17	201.29
		<i>For Class 52 Rating, Deduct</i>		-256.32	
		<i>For Class 54 Rating, Add</i>		353.19	
		<i>For Class 55 Rating, Add</i>		526.95	
		<i>For Class 56 Rating, Add</i>		698.38	
40 05 19 00-3102	EA	4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,747.93	204.01
		<i>For Class 52 Rating, Deduct</i>		-268.27	
		<i>For Class 54 Rating, Add</i>		369.53	
		<i>For Class 55 Rating, Add</i>		551.28	
		<i>For Class 56 Rating, Add</i>		730.58	
40 05 19 00-3103	EA	4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,860.69	206.73
		<i>For Class 52 Rating, Deduct</i>		-280.22	
		<i>For Class 54 Rating, Add</i>		385.88	
		<i>For Class 55 Rating, Add</i>		575.61	
		<i>For Class 56 Rating, Add</i>		762.78	
40 05 19 00-3104	EA	4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,973.44	209.44
		<i>For Class 52 Rating, Deduct</i>		-292.17	
		<i>For Class 54 Rating, Add</i>		402.23	
		<i>For Class 55 Rating, Add</i>		599.93	
		<i>For Class 56 Rating, Add</i>		794.98	
40 05 19 00-3105	EA	4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,086.20	212.14
		<i>For Class 52 Rating, Deduct</i>		-304.12	
		<i>For Class 54 Rating, Add</i>		418.57	
		<i>For Class 55 Rating, Add</i>		624.26	
		<i>For Class 56 Rating, Add</i>		827.18	
40 05 19 00-3106	EA	4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,198.96	214.86
		<i>For Class 52 Rating, Deduct</i>		-316.08	
		<i>For Class 54 Rating, Add</i>		434.92	
		<i>For Class 55 Rating, Add</i>		648.59	
		<i>For Class 56 Rating, Add</i>		859.38	
40 05 19 00-3107	EA	4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,311.72	217.58
		<i>For Class 52 Rating, Deduct</i>		-328.03	
		<i>For Class 54 Rating, Add</i>		451.26	
		<i>For Class 55 Rating, Add</i>		672.91	
		<i>For Class 56 Rating, Add</i>		891.58	
40 05 19 00-3108	EA	4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,704.66	220.28
		<i>For Class 52 Rating, Deduct</i>		-370.80	
		<i>For Class 54 Rating, Add</i>		509.64	
		<i>For Class 55 Rating, Add</i>		759.72	
		<i>For Class 56 Rating, Add</i>		1,006.43	
40 05 19 00-3109	EA	4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,817.42	223.00
		<i>For Class 52 Rating, Deduct</i>		-382.75	
		<i>For Class 54 Rating, Add</i>		525.99	
		<i>For Class 55 Rating, Add</i>		784.05	
		<i>For Class 56 Rating, Add</i>		1,038.63	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3110 EA 4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,930.19	225.72
<i>For Class 52 Rating, Deduct</i>	-394.70	
<i>For Class 54 Rating, Add</i>	542.33	
<i>For Class 55 Rating, Add</i>	808.38	
<i>For Class 56 Rating, Add</i>	1,070.83	
40 05 19 00-3111 EA 4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,042.93	228.43
<i>For Class 52 Rating, Deduct</i>	-406.65	
<i>For Class 54 Rating, Add</i>	558.68	
<i>For Class 55 Rating, Add</i>	832.70	
<i>For Class 56 Rating, Add</i>	1,103.03	
40 05 19 00-3112 EA 4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,155.69	231.13
<i>For Class 52 Rating, Deduct</i>	-418.60	
<i>For Class 54 Rating, Add</i>	575.03	
<i>For Class 55 Rating, Add</i>	857.03	
<i>For Class 56 Rating, Add</i>	1,135.23	
40 05 19 00-3113 EA 4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,268.46	233.85
<i>For Class 52 Rating, Deduct</i>	-430.56	
<i>For Class 54 Rating, Add</i>	591.37	
<i>For Class 55 Rating, Add</i>	881.36	
<i>For Class 56 Rating, Add</i>	1,167.43	
40 05 19 00-3114 EA 4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,381.20	236.57
<i>For Class 52 Rating, Deduct</i>	-442.51	
<i>For Class 54 Rating, Add</i>	607.72	
<i>For Class 55 Rating, Add</i>	905.68	
<i>For Class 56 Rating, Add</i>	1,199.62	
40 05 19 00-3115 EA 4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,493.96	239.28
<i>For Class 52 Rating, Deduct</i>	-454.46	
<i>For Class 54 Rating, Add</i>	624.06	
<i>For Class 55 Rating, Add</i>	930.01	
<i>For Class 56 Rating, Add</i>	1,231.82	
40 05 19 00-3116 EA 4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,606.73	241.99
<i>For Class 52 Rating, Deduct</i>	-466.41	
<i>For Class 54 Rating, Add</i>	640.41	
<i>For Class 55 Rating, Add</i>	954.34	
<i>For Class 56 Rating, Add</i>	1,264.02	
40 05 19 00-3117 EA 4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,719.47	244.71
<i>For Class 52 Rating, Deduct</i>	-478.36	
<i>For Class 54 Rating, Add</i>	656.76	
<i>For Class 55 Rating, Add</i>	978.66	
<i>For Class 56 Rating, Add</i>	1,296.22	
40 05 19 00-3118 EA 4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,832.24	247.42
<i>For Class 52 Rating, Deduct</i>	-490.31	
<i>For Class 54 Rating, Add</i>	673.10	
<i>For Class 55 Rating, Add</i>	1,002.99	
<i>For Class 56 Rating, Add</i>	1,328.42	
40 05 19 00-3119 EA 4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,944.99	250.12
<i>For Class 52 Rating, Deduct</i>	-502.26	
<i>For Class 54 Rating, Add</i>	689.45	
<i>For Class 55 Rating, Add</i>	1,027.32	
<i>For Class 56 Rating, Add</i>	1,360.62	
40 05 19 00-3120 EA 4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,057.75	252.84
<i>For Class 52 Rating, Deduct</i>	-514.21	
<i>For Class 54 Rating, Add</i>	705.80	
<i>For Class 55 Rating, Add</i>	1,051.64	
<i>For Class 56 Rating, Add</i>	1,392.82	
40 05 19 00-3121 EA 4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,170.51	255.56
<i>For Class 52 Rating, Deduct</i>	-526.16	
<i>For Class 54 Rating, Add</i>	722.14	
<i>For Class 55 Rating, Add</i>	1,075.97	
<i>For Class 56 Rating, Add</i>	1,425.02	
40 05 19 00-3122 EA 4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,283.26	258.27
<i>For Class 52 Rating, Deduct</i>	-538.11	
<i>For Class 54 Rating, Add</i>	738.49	
<i>For Class 55 Rating, Add</i>	1,100.30	
<i>For Class 56 Rating, Add</i>	1,457.21	

40 05 19 00-3123 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-3082)

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3124	EA	6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		882.07	195.33
		<i>For Class 52 Rating, Deduct</i>		-64.47	
		<i>For Class 54 Rating, Add</i>		91.47	
		<i>For Class 55 Rating, Add</i>		137.81	
		<i>For Class 56 Rating, Add</i>		183.56	
40 05 19 00-3125	EA	6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,011.99	198.05
		<i>For Class 52 Rating, Deduct</i>		-78.31	
		<i>For Class 54 Rating, Add</i>		110.39	
		<i>For Class 55 Rating, Add</i>		165.96	
		<i>For Class 56 Rating, Add</i>		220.82	
40 05 19 00-3126	EA	6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,141.89	200.75
		<i>For Class 52 Rating, Deduct</i>		-92.15	
		<i>For Class 54 Rating, Add</i>		129.31	
		<i>For Class 55 Rating, Add</i>		194.11	
		<i>For Class 56 Rating, Add</i>		258.08	
40 05 19 00-3127	EA	6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,271.80	203.46
		<i>For Class 52 Rating, Deduct</i>		-105.99	
		<i>For Class 54 Rating, Add</i>		148.23	
		<i>For Class 55 Rating, Add</i>		222.26	
		<i>For Class 56 Rating, Add</i>		295.34	
40 05 19 00-3128	EA	6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,401.72	206.18
		<i>For Class 52 Rating, Deduct</i>		-119.83	
		<i>For Class 54 Rating, Add</i>		167.15	
		<i>For Class 55 Rating, Add</i>		250.42	
		<i>For Class 56 Rating, Add</i>		332.60	
40 05 19 00-3129	EA	6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,531.63	208.89
		<i>For Class 52 Rating, Deduct</i>		-133.66	
		<i>For Class 54 Rating, Add</i>		186.07	
		<i>For Class 55 Rating, Add</i>		278.57	
		<i>For Class 56 Rating, Add</i>		369.86	
40 05 19 00-3130	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,661.54	211.60
		<i>For Class 52 Rating, Deduct</i>		-147.50	
		<i>For Class 54 Rating, Add</i>		204.99	
		<i>For Class 55 Rating, Add</i>		306.72	
		<i>For Class 56 Rating, Add</i>		407.12	
40 05 19 00-3131	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,791.46	214.32
		<i>For Class 52 Rating, Deduct</i>		-161.34	
		<i>For Class 54 Rating, Add</i>		223.91	
		<i>For Class 55 Rating, Add</i>		334.87	
		<i>For Class 56 Rating, Add</i>		444.38	
40 05 19 00-3132	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,921.36	217.04
		<i>For Class 52 Rating, Deduct</i>		-175.18	
		<i>For Class 54 Rating, Add</i>		242.83	
		<i>For Class 55 Rating, Add</i>		363.03	
		<i>For Class 56 Rating, Add</i>		481.63	
40 05 19 00-3133	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,051.27	219.74
		<i>For Class 52 Rating, Deduct</i>		-189.02	
		<i>For Class 54 Rating, Add</i>		261.74	
		<i>For Class 55 Rating, Add</i>		391.18	
		<i>For Class 56 Rating, Add</i>		518.89	
40 05 19 00-3134	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,181.19	222.45
		<i>For Class 52 Rating, Deduct</i>		-202.85	
		<i>For Class 54 Rating, Add</i>		280.66	
		<i>For Class 55 Rating, Add</i>		419.33	
		<i>For Class 56 Rating, Add</i>		556.15	
40 05 19 00-3135	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,311.10	225.17
		<i>For Class 52 Rating, Deduct</i>		-216.69	
		<i>For Class 54 Rating, Add</i>		299.58	
		<i>For Class 55 Rating, Add</i>		447.48	
		<i>For Class 56 Rating, Add</i>		593.41	
40 05 19 00-3136	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,441.01	227.88
		<i>For Class 52 Rating, Deduct</i>		-230.53	
		<i>For Class 54 Rating, Add</i>		318.50	
		<i>For Class 55 Rating, Add</i>		475.64	
		<i>For Class 56 Rating, Add</i>		630.67	
40 05 19 00-3137	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,570.93	230.59
		<i>For Class 52 Rating, Deduct</i>		-244.37	
		<i>For Class 54 Rating, Add</i>		337.42	
		<i>For Class 55 Rating, Add</i>		503.79	
		<i>For Class 56 Rating, Add</i>		667.93	





MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3138 EA 6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	2,700.84	233.31
<i>For Class 52 Rating, Deduct</i>	-258.21	
<i>For Class 54 Rating, Add</i>	356.34	
<i>For Class 55 Rating, Add</i>	531.94	
<i>For Class 56 Rating, Add</i>	705.19	
40 05 19 00-3139 EA 6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	2,830.75	236.03
<i>For Class 52 Rating, Deduct</i>	-272.05	
<i>For Class 54 Rating, Add</i>	375.26	
<i>For Class 55 Rating, Add</i>	560.09	
<i>For Class 56 Rating, Add</i>	742.45	
40 05 19 00-3140 EA 6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	2,960.66	238.73
<i>For Class 52 Rating, Deduct</i>	-285.88	
<i>For Class 54 Rating, Add</i>	394.18	
<i>For Class 55 Rating, Add</i>	588.24	
<i>For Class 56 Rating, Add</i>	779.71	
40 05 19 00-3141 EA 6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,090.57	241.44
<i>For Class 52 Rating, Deduct</i>	-299.72	
<i>For Class 54 Rating, Add</i>	413.10	
<i>For Class 55 Rating, Add</i>	616.40	
<i>For Class 56 Rating, Add</i>	816.97	
40 05 19 00-3142 EA 6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,220.48	244.16
<i>For Class 52 Rating, Deduct</i>	-313.56	
<i>For Class 54 Rating, Add</i>	432.02	
<i>For Class 55 Rating, Add</i>	644.55	
<i>For Class 56 Rating, Add</i>	854.23	
40 05 19 00-3143 EA 6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,350.39	246.88
<i>For Class 52 Rating, Deduct</i>	-327.40	
<i>For Class 54 Rating, Add</i>	450.94	
<i>For Class 55 Rating, Add</i>	672.70	
<i>For Class 56 Rating, Add</i>	891.49	
40 05 19 00-3144 EA 6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,480.31	249.58
<i>For Class 52 Rating, Deduct</i>	-341.24	
<i>For Class 54 Rating, Add</i>	469.86	
<i>For Class 55 Rating, Add</i>	700.86	
<i>For Class 56 Rating, Add</i>	928.75	
40 05 19 00-3145 EA 6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,610.22	252.30
<i>For Class 52 Rating, Deduct</i>	-355.07	
<i>For Class 54 Rating, Add</i>	488.78	
<i>For Class 55 Rating, Add</i>	729.01	
<i>For Class 56 Rating, Add</i>	966.01	
40 05 19 00-3146 EA 6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,740.13	255.02
<i>For Class 52 Rating, Deduct</i>	-368.91	
<i>For Class 54 Rating, Add</i>	507.70	
<i>For Class 55 Rating, Add</i>	757.16	
<i>For Class 56 Rating, Add</i>	1,003.27	
40 05 19 00-3147 EA 6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,870.04	257.72
<i>For Class 52 Rating, Deduct</i>	-382.75	
<i>For Class 54 Rating, Add</i>	526.62	
<i>For Class 55 Rating, Add</i>	785.31	
<i>For Class 56 Rating, Add</i>	1,040.52	
40 05 19 00-3148 EA 6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	3,999.96	260.43
<i>For Class 52 Rating, Deduct</i>	-396.59	
<i>For Class 54 Rating, Add</i>	545.54	
<i>For Class 55 Rating, Add</i>	813.46	
<i>For Class 56 Rating, Add</i>	1,077.78	
40 05 19 00-3149 EA 6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	4,129.86	263.15
<i>For Class 52 Rating, Deduct</i>	-410.43	
<i>For Class 54 Rating, Add</i>	564.46	
<i>For Class 55 Rating, Add</i>	841.62	
<i>For Class 56 Rating, Add</i>	1,115.04	
40 05 19 00-3150 EA 6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	4,259.77	265.87
<i>For Class 52 Rating, Deduct</i>	-424.26	
<i>For Class 54 Rating, Add</i>	583.38	
<i>For Class 55 Rating, Add</i>	869.77	
<i>For Class 56 Rating, Add</i>	1,152.30	
40 05 19 00-3151 EA 6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe	4,389.69	268.57
<i>For Class 52 Rating, Deduct</i>	-438.10	
<i>For Class 54 Rating, Add</i>	602.30	
<i>For Class 55 Rating, Add</i>	897.92	
<i>For Class 56 Rating, Add</i>	1,189.56	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR

CSI UOM DESCRIPTION

TOTAL DIRECT  
UNIT COSTDEMOLITION  
UNIT COST

40 05 19 00-3152	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,519.60	271.29
		<i>For Class 52 Rating, Deduct</i>	-451.94	
		<i>For Class 54 Rating, Add</i>	621.22	
		<i>For Class 55 Rating, Add</i>	926.07	
		<i>For Class 56 Rating, Add</i>	1,226.82	
40 05 19 00-3153	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,649.51	274.01
		<i>For Class 52 Rating, Deduct</i>	-465.78	
		<i>For Class 54 Rating, Add</i>	640.14	
		<i>For Class 55 Rating, Add</i>	954.23	
		<i>For Class 56 Rating, Add</i>	1,264.08	
40 05 19 00-3154	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,779.43	276.71
		<i>For Class 52 Rating, Deduct</i>	-479.62	
		<i>For Class 54 Rating, Add</i>	659.06	
		<i>For Class 55 Rating, Add</i>	982.38	
		<i>For Class 56 Rating, Add</i>	1,301.34	
40 05 19 00-3155	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,909.33	279.42
		<i>For Class 52 Rating, Deduct</i>	-493.46	
		<i>For Class 54 Rating, Add</i>	677.97	
		<i>For Class 55 Rating, Add</i>	1,010.53	
		<i>For Class 56 Rating, Add</i>	1,338.60	
40 05 19 00-3156	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,039.24	282.14
		<i>For Class 52 Rating, Deduct</i>	-507.29	
		<i>For Class 54 Rating, Add</i>	696.89	
		<i>For Class 55 Rating, Add</i>	1,038.68	
		<i>For Class 56 Rating, Add</i>	1,375.86	
40 05 19 00-3157	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,169.16	284.86
		<i>For Class 52 Rating, Deduct</i>	-521.13	
		<i>For Class 54 Rating, Add</i>	715.81	
		<i>For Class 55 Rating, Add</i>	1,066.83	
		<i>For Class 56 Rating, Add</i>	1,413.12	
40 05 19 00-3158	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,299.06	287.56
		<i>For Class 52 Rating, Deduct</i>	-534.97	
		<i>For Class 54 Rating, Add</i>	734.73	
		<i>For Class 55 Rating, Add</i>	1,094.99	
		<i>For Class 56 Rating, Add</i>	1,450.38	
40 05 19 00-3159	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,428.98	290.28
		<i>For Class 52 Rating, Deduct</i>	-548.81	
		<i>For Class 54 Rating, Add</i>	753.65	
		<i>For Class 55 Rating, Add</i>	1,123.14	
		<i>For Class 56 Rating, Add</i>	1,487.64	
40 05 19 00-3160	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,558.90	293.00
		<i>For Class 52 Rating, Deduct</i>	-562.65	
		<i>For Class 54 Rating, Add</i>	772.57	
		<i>For Class 55 Rating, Add</i>	1,151.29	
		<i>For Class 56 Rating, Add</i>	1,524.90	
40 05 19 00-3161	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,688.81	295.70
		<i>For Class 52 Rating, Deduct</i>	-576.48	
		<i>For Class 54 Rating, Add</i>	791.49	
		<i>For Class 55 Rating, Add</i>	1,179.44	
		<i>For Class 56 Rating, Add</i>	1,562.16	
40 05 19 00-3162	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,818.72	298.41
		<i>For Class 52 Rating, Deduct</i>	-590.32	
		<i>For Class 54 Rating, Add</i>	810.41	
		<i>For Class 55 Rating, Add</i>	1,207.60	
		<i>For Class 56 Rating, Add</i>	1,599.42	

**40 05 19 00-3163 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe** (40 05 19 00-3082)

40 05 19 00-3164	EA	8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,204.45	249.58
		<i>For Class 52 Rating, Deduct</i>	-90.89	
		<i>For Class 54 Rating, Add</i>	128.48	
		<i>For Class 55 Rating, Add</i>	193.34	
		<i>For Class 56 Rating, Add</i>	257.37	
40 05 19 00-3165	EA	8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,371.53	252.30
		<i>For Class 52 Rating, Deduct</i>	-108.82	
		<i>For Class 54 Rating, Add</i>	152.98	
		<i>For Class 55 Rating, Add</i>	229.78	
		<i>For Class 56 Rating, Add</i>	305.59	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3166 EA 8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,538.61	255.02
<i>For Class 52 Rating, Deduct</i>	-126.75	
<i>For Class 54 Rating, Add</i>	177.47	
<i>For Class 55 Rating, Add</i>	266.22	
<i>For Class 56 Rating, Add</i>	353.82	
40 05 19 00-3167 EA 8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,705.69	257.72
<i>For Class 52 Rating, Deduct</i>	-144.67	
<i>For Class 54 Rating, Add</i>	201.97	
<i>For Class 55 Rating, Add</i>	302.66	
<i>For Class 56 Rating, Add</i>	402.04	
40 05 19 00-3168 EA 8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,872.77	260.43
<i>For Class 52 Rating, Deduct</i>	-162.60	
<i>For Class 54 Rating, Add</i>	226.46	
<i>For Class 55 Rating, Add</i>	339.10	
<i>For Class 56 Rating, Add</i>	450.26	
40 05 19 00-3169 EA 8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,039.84	263.15
<i>For Class 52 Rating, Deduct</i>	-180.52	
<i>For Class 54 Rating, Add</i>	250.95	
<i>For Class 55 Rating, Add</i>	375.54	
<i>For Class 56 Rating, Add</i>	498.49	
40 05 19 00-3170 EA 8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,206.92	265.87
<i>For Class 52 Rating, Deduct</i>	-198.45	
<i>For Class 54 Rating, Add</i>	275.45	
<i>For Class 55 Rating, Add</i>	411.98	
<i>For Class 56 Rating, Add</i>	546.71	
40 05 19 00-3171 EA 8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,374.01	268.57
<i>For Class 52 Rating, Deduct</i>	-216.38	
<i>For Class 54 Rating, Add</i>	299.94	
<i>For Class 55 Rating, Add</i>	448.42	
<i>For Class 56 Rating, Add</i>	594.94	
40 05 19 00-3172 EA 8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,541.08	271.29
<i>For Class 52 Rating, Deduct</i>	-234.30	
<i>For Class 54 Rating, Add</i>	324.44	
<i>For Class 55 Rating, Add</i>	484.86	
<i>For Class 56 Rating, Add</i>	643.16	
40 05 19 00-3173 EA 8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,708.16	274.01
<i>For Class 52 Rating, Deduct</i>	-252.23	
<i>For Class 54 Rating, Add</i>	348.93	
<i>For Class 55 Rating, Add</i>	521.30	
<i>For Class 56 Rating, Add</i>	691.38	
40 05 19 00-3174 EA 8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,875.25	276.71
<i>For Class 52 Rating, Deduct</i>	-270.16	
<i>For Class 54 Rating, Add</i>	373.43	
<i>For Class 55 Rating, Add</i>	557.75	
<i>For Class 56 Rating, Add</i>	739.61	
40 05 19 00-3175 EA 8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,042.32	279.42
<i>For Class 52 Rating, Deduct</i>	-288.08	
<i>For Class 54 Rating, Add</i>	397.92	
<i>For Class 55 Rating, Add</i>	594.19	
<i>For Class 56 Rating, Add</i>	787.83	
40 05 19 00-3176 EA 8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,209.40	282.14
<i>For Class 52 Rating, Deduct</i>	-306.01	
<i>For Class 54 Rating, Add</i>	422.42	
<i>For Class 55 Rating, Add</i>	630.63	
<i>For Class 56 Rating, Add</i>	836.06	
40 05 19 00-3177 EA 8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,376.49	284.86
<i>For Class 52 Rating, Deduct</i>	-323.94	
<i>For Class 54 Rating, Add</i>	446.91	
<i>For Class 55 Rating, Add</i>	667.07	
<i>For Class 56 Rating, Add</i>	884.28	
40 05 19 00-3178 EA 8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,543.56	287.56
<i>For Class 52 Rating, Deduct</i>	-341.86	
<i>For Class 54 Rating, Add</i>	471.41	
<i>For Class 55 Rating, Add</i>	703.51	
<i>For Class 56 Rating, Add</i>	932.50	
40 05 19 00-3179 EA 8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,710.65	290.28
<i>For Class 52 Rating, Deduct</i>	-359.79	
<i>For Class 54 Rating, Add</i>	495.90	
<i>For Class 55 Rating, Add</i>	739.95	
<i>For Class 56 Rating, Add</i>	980.73	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3180	EA	8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,877.73	293.00
		<i>For Class 52 Rating, Deduct</i>		-377.72	
		<i>For Class 54 Rating, Add</i>		520.40	
		<i>For Class 55 Rating, Add</i>		776.39	
		<i>For Class 56 Rating, Add</i>		1,028.95	
40 05 19 00-3181	EA	8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,044.81	295.70
		<i>For Class 52 Rating, Deduct</i>		-395.64	
		<i>For Class 54 Rating, Add</i>		544.89	
		<i>For Class 55 Rating, Add</i>		812.83	
		<i>For Class 56 Rating, Add</i>		1,077.18	
40 05 19 00-3182	EA	8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,211.89	298.41
		<i>For Class 52 Rating, Deduct</i>		-413.57	
		<i>For Class 54 Rating, Add</i>		569.39	
		<i>For Class 55 Rating, Add</i>		849.27	
		<i>For Class 56 Rating, Add</i>		1,125.40	
40 05 19 00-3183	EA	8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,378.97	301.13
		<i>For Class 52 Rating, Deduct</i>		-431.50	
		<i>For Class 54 Rating, Add</i>		593.88	
		<i>For Class 55 Rating, Add</i>		885.71	
		<i>For Class 56 Rating, Add</i>		1,173.62	
40 05 19 00-3184	EA	8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,546.05	303.85
		<i>For Class 52 Rating, Deduct</i>		-449.42	
		<i>For Class 54 Rating, Add</i>		618.38	
		<i>For Class 55 Rating, Add</i>		922.16	
		<i>For Class 56 Rating, Add</i>		1,221.85	
40 05 19 00-3185	EA	8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,713.13	306.55
		<i>For Class 52 Rating, Deduct</i>		-467.35	
		<i>For Class 54 Rating, Add</i>		642.87	
		<i>For Class 55 Rating, Add</i>		958.60	
		<i>For Class 56 Rating, Add</i>		1,270.07	
40 05 19 00-3186	EA	8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,880.21	309.27
		<i>For Class 52 Rating, Deduct</i>		-485.28	
		<i>For Class 54 Rating, Add</i>		667.37	
		<i>For Class 55 Rating, Add</i>		995.04	
		<i>For Class 56 Rating, Add</i>		1,318.30	
40 05 19 00-3187	EA	8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,047.29	311.99
		<i>For Class 52 Rating, Deduct</i>		-503.20	
		<i>For Class 54 Rating, Add</i>		691.86	
		<i>For Class 55 Rating, Add</i>		1,031.48	
		<i>For Class 56 Rating, Add</i>		1,366.52	
40 05 19 00-3188	EA	8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,214.37	314.71
		<i>For Class 52 Rating, Deduct</i>		-521.13	
		<i>For Class 54 Rating, Add</i>		716.36	
		<i>For Class 55 Rating, Add</i>		1,067.92	
		<i>For Class 56 Rating, Add</i>		1,414.75	
40 05 19 00-3189	EA	8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,381.45	317.40
		<i>For Class 52 Rating, Deduct</i>		-539.06	
		<i>For Class 54 Rating, Add</i>		740.85	
		<i>For Class 55 Rating, Add</i>		1,104.36	
		<i>For Class 56 Rating, Add</i>		1,462.97	
40 05 19 00-3190	EA	8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,548.53	320.12
		<i>For Class 52 Rating, Deduct</i>		-556.99	
		<i>For Class 54 Rating, Add</i>		765.35	
		<i>For Class 55 Rating, Add</i>		1,140.80	
		<i>For Class 56 Rating, Add</i>		1,511.19	
40 05 19 00-3191	EA	8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,715.61	322.84
		<i>For Class 52 Rating, Deduct</i>		-574.91	
		<i>For Class 54 Rating, Add</i>		789.84	
		<i>For Class 55 Rating, Add</i>		1,177.24	
		<i>For Class 56 Rating, Add</i>		1,559.42	
40 05 19 00-3192	EA	8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,882.69	325.54
		<i>For Class 52 Rating, Deduct</i>		-592.84	
		<i>For Class 54 Rating, Add</i>		814.34	
		<i>For Class 55 Rating, Add</i>		1,213.68	
		<i>For Class 56 Rating, Add</i>		1,607.64	
40 05 19 00-3193	EA	8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,049.77	328.26
		<i>For Class 52 Rating, Deduct</i>		-610.77	
		<i>For Class 54 Rating, Add</i>		838.83	
		<i>For Class 55 Rating, Add</i>		1,250.12	
		<i>For Class 56 Rating, Add</i>		1,655.87	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3194 EA 8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,216.86	330.98
<i>For Class 52 Rating, Deduct</i>	-628.69	
<i>For Class 54 Rating, Add</i>	863.32	
<i>For Class 55 Rating, Add</i>	1,286.57	
<i>For Class 56 Rating, Add</i>	1,704.09	
40 05 19 00-3195 EA 8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,383.93	333.70
<i>For Class 52 Rating, Deduct</i>	-646.62	
<i>For Class 54 Rating, Add</i>	887.82	
<i>For Class 55 Rating, Add</i>	1,323.01	
<i>For Class 56 Rating, Add</i>	1,752.31	
40 05 19 00-3196 EA 8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,551.01	336.39
<i>For Class 52 Rating, Deduct</i>	-664.55	
<i>For Class 54 Rating, Add</i>	912.31	
<i>For Class 55 Rating, Add</i>	1,359.45	
<i>For Class 56 Rating, Add</i>	1,800.54	
40 05 19 00-3197 EA 8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,718.10	339.11
<i>For Class 52 Rating, Deduct</i>	-682.47	
<i>For Class 54 Rating, Add</i>	936.81	
<i>For Class 55 Rating, Add</i>	1,395.89	
<i>For Class 56 Rating, Add</i>	1,848.76	
40 05 19 00-3198 EA 8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,885.17	341.83
<i>For Class 52 Rating, Deduct</i>	-700.40	
<i>For Class 54 Rating, Add</i>	961.30	
<i>For Class 55 Rating, Add</i>	1,432.33	
<i>For Class 56 Rating, Add</i>	1,896.99	
40 05 19 00-3199 EA 8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,052.26	344.53
<i>For Class 52 Rating, Deduct</i>	-718.33	
<i>For Class 54 Rating, Add</i>	985.80	
<i>For Class 55 Rating, Add</i>	1,468.77	
<i>For Class 56 Rating, Add</i>	1,945.21	
40 05 19 00-3200 EA 8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,219.34	347.25
<i>For Class 52 Rating, Deduct</i>	-736.25	
<i>For Class 54 Rating, Add</i>	1,010.29	
<i>For Class 55 Rating, Add</i>	1,505.21	
<i>For Class 56 Rating, Add</i>	1,993.44	
40 05 19 00-3201 EA 8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,386.41	349.97
<i>For Class 52 Rating, Deduct</i>	-754.18	
<i>For Class 54 Rating, Add</i>	1,034.79	
<i>For Class 55 Rating, Add</i>	1,541.65	
<i>For Class 56 Rating, Add</i>	2,041.66	
40 05 19 00-3202 EA 8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,553.50	352.69
<i>For Class 52 Rating, Deduct</i>	-772.11	
<i>For Class 54 Rating, Add</i>	1,059.28	
<i>For Class 55 Rating, Add</i>	1,578.09	
<i>For Class 56 Rating, Add</i>	2,089.88	
<b>40 05 19 00-3203 10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3204 EA 10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,521.10	303.85
<i>For Class 52 Rating, Deduct</i>	-116.68	
<i>For Class 54 Rating, Add</i>	164.63	
<i>For Class 55 Rating, Add</i>	247.59	
<i>For Class 56 Rating, Add</i>	329.49	
40 05 19 00-3205 EA 10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,736.79	306.55
<i>For Class 52 Rating, Deduct</i>	-139.95	
<i>For Class 54 Rating, Add</i>	196.42	
<i>For Class 55 Rating, Add</i>	294.87	
<i>For Class 56 Rating, Add</i>	392.05	
40 05 19 00-3206 EA 10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,952.47	309.27
<i>For Class 52 Rating, Deduct</i>	-163.23	
<i>For Class 54 Rating, Add</i>	228.21	
<i>For Class 55 Rating, Add</i>	342.15	
<i>For Class 56 Rating, Add</i>	454.61	
40 05 19 00-3207 EA 10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,168.16	311.99
<i>For Class 52 Rating, Deduct</i>	-186.50	
<i>For Class 54 Rating, Add</i>	259.99	
<i>For Class 55 Rating, Add</i>	389.43	
<i>For Class 56 Rating, Add</i>	517.18	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3208	EA	10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,383.84	314.71
		<i>For Class 52 Rating, Deduct</i>		-209.77	
		<i>For Class 54 Rating, Add</i>		291.78	
		<i>For Class 55 Rating, Add</i>		436.71	
		<i>For Class 56 Rating, Add</i>		579.74	
40 05 19 00-3209	EA	10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,599.53	317.40
		<i>For Class 52 Rating, Deduct</i>		-233.05	
		<i>For Class 54 Rating, Add</i>		323.56	
		<i>For Class 55 Rating, Add</i>		483.99	
		<i>For Class 56 Rating, Add</i>		642.30	
40 05 19 00-3210	EA	10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,815.21	320.12
		<i>For Class 52 Rating, Deduct</i>		-256.32	
		<i>For Class 54 Rating, Add</i>		355.35	
		<i>For Class 55 Rating, Add</i>		531.27	
		<i>For Class 56 Rating, Add</i>		704.86	
40 05 19 00-3211	EA	10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,030.90	322.84
		<i>For Class 52 Rating, Deduct</i>		-279.59	
		<i>For Class 54 Rating, Add</i>		387.13	
		<i>For Class 55 Rating, Add</i>		578.55	
		<i>For Class 56 Rating, Add</i>		767.43	
40 05 19 00-3212	EA	10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,246.58	325.54
		<i>For Class 52 Rating, Deduct</i>		-302.87	
		<i>For Class 54 Rating, Add</i>		418.92	
		<i>For Class 55 Rating, Add</i>		625.83	
		<i>For Class 56 Rating, Add</i>		829.99	
40 05 19 00-3213	EA	10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,462.27	328.26
		<i>For Class 52 Rating, Deduct</i>		-326.14	
		<i>For Class 54 Rating, Add</i>		450.70	
		<i>For Class 55 Rating, Add</i>		673.11	
		<i>For Class 56 Rating, Add</i>		892.55	
40 05 19 00-3214	EA	10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,677.96	330.98
		<i>For Class 52 Rating, Deduct</i>		-349.41	
		<i>For Class 54 Rating, Add</i>		482.49	
		<i>For Class 55 Rating, Add</i>		720.39	
		<i>For Class 56 Rating, Add</i>		955.11	
40 05 19 00-3215	EA	10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,893.64	333.70
		<i>For Class 52 Rating, Deduct</i>		-372.69	
		<i>For Class 54 Rating, Add</i>		514.28	
		<i>For Class 55 Rating, Add</i>		767.67	
		<i>For Class 56 Rating, Add</i>		1,017.68	
40 05 19 00-3216	EA	10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,109.32	336.39
		<i>For Class 52 Rating, Deduct</i>		-395.96	
		<i>For Class 54 Rating, Add</i>		546.06	
		<i>For Class 55 Rating, Add</i>		814.95	
		<i>For Class 56 Rating, Add</i>		1,080.24	
40 05 19 00-3217	EA	10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,325.02	339.11
		<i>For Class 52 Rating, Deduct</i>		-419.23	
		<i>For Class 54 Rating, Add</i>		577.85	
		<i>For Class 55 Rating, Add</i>		862.23	
		<i>For Class 56 Rating, Add</i>		1,142.80	
40 05 19 00-3218	EA	10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,540.69	341.83
		<i>For Class 52 Rating, Deduct</i>		-442.51	
		<i>For Class 54 Rating, Add</i>		609.63	
		<i>For Class 55 Rating, Add</i>		909.51	
		<i>For Class 56 Rating, Add</i>		1,205.36	
40 05 19 00-3219	EA	10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,756.39	344.53
		<i>For Class 52 Rating, Deduct</i>		-465.78	
		<i>For Class 54 Rating, Add</i>		641.42	
		<i>For Class 55 Rating, Add</i>		956.79	
		<i>For Class 56 Rating, Add</i>		1,267.93	
40 05 19 00-3220	EA	10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		4,972.07	347.25
		<i>For Class 52 Rating, Deduct</i>		-489.05	
		<i>For Class 54 Rating, Add</i>		673.20	
		<i>For Class 55 Rating, Add</i>		1,004.07	
		<i>For Class 56 Rating, Add</i>		1,330.49	
40 05 19 00-3221	EA	10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,187.75	349.97
		<i>For Class 52 Rating, Deduct</i>		-512.33	
		<i>For Class 54 Rating, Add</i>		704.99	
		<i>For Class 55 Rating, Add</i>		1,051.35	
		<i>For Class 56 Rating, Add</i>		1,393.05	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3222 EA 10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,403.44	352.69
<i>For Class 52 Rating, Deduct</i>	-535.60	
<i>For Class 54 Rating, Add</i>	736.77	
<i>For Class 55 Rating, Add</i>	1,098.63	
<i>For Class 56 Rating, Add</i>	1,455.62	
40 05 19 00-3223 EA 10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,619.13	355.38
<i>For Class 52 Rating, Deduct</i>	-558.87	
<i>For Class 54 Rating, Add</i>	768.56	
<i>For Class 55 Rating, Add</i>	1,145.91	
<i>For Class 56 Rating, Add</i>	1,518.18	
40 05 19 00-3224 EA 10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,834.80	358.10
<i>For Class 52 Rating, Deduct</i>	-582.15	
<i>For Class 54 Rating, Add</i>	800.35	
<i>For Class 55 Rating, Add</i>	1,193.19	
<i>For Class 56 Rating, Add</i>	1,580.74	
40 05 19 00-3225 EA 10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,050.50	360.82
<i>For Class 52 Rating, Deduct</i>	-605.42	
<i>For Class 54 Rating, Add</i>	832.13	
<i>For Class 55 Rating, Add</i>	1,240.47	
<i>For Class 56 Rating, Add</i>	1,643.30	
40 05 19 00-3226 EA 10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,266.18	363.52
<i>For Class 52 Rating, Deduct</i>	-628.69	
<i>For Class 54 Rating, Add</i>	863.92	
<i>For Class 55 Rating, Add</i>	1,287.75	
<i>For Class 56 Rating, Add</i>	1,705.87	
40 05 19 00-3227 EA 10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,481.87	366.24
<i>For Class 52 Rating, Deduct</i>	-651.97	
<i>For Class 54 Rating, Add</i>	895.70	
<i>For Class 55 Rating, Add</i>	1,335.03	
<i>For Class 56 Rating, Add</i>	1,768.43	
40 05 19 00-3228 EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,697.55	368.96
<i>For Class 52 Rating, Deduct</i>	-675.24	
<i>For Class 54 Rating, Add</i>	927.49	
<i>For Class 55 Rating, Add</i>	1,382.31	
<i>For Class 56 Rating, Add</i>	1,830.99	
40 05 19 00-3229 EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,913.24	371.68
<i>For Class 52 Rating, Deduct</i>	-698.51	
<i>For Class 54 Rating, Add</i>	959.27	
<i>For Class 55 Rating, Add</i>	1,429.59	
<i>For Class 56 Rating, Add</i>	1,893.56	
40 05 19 00-3230 EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,128.92	374.37
<i>For Class 52 Rating, Deduct</i>	-721.78	
<i>For Class 54 Rating, Add</i>	991.06	
<i>For Class 55 Rating, Add</i>	1,476.87	
<i>For Class 56 Rating, Add</i>	1,956.12	
40 05 19 00-3231 EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,344.61	377.09
<i>For Class 52 Rating, Deduct</i>	-745.06	
<i>For Class 54 Rating, Add</i>	1,022.85	
<i>For Class 55 Rating, Add</i>	1,524.15	
<i>For Class 56 Rating, Add</i>	2,018.68	
40 05 19 00-3232 EA 10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,560.29	379.81
<i>For Class 52 Rating, Deduct</i>	-768.33	
<i>For Class 54 Rating, Add</i>	1,054.63	
<i>For Class 55 Rating, Add</i>	1,571.43	
<i>For Class 56 Rating, Add</i>	2,081.24	
40 05 19 00-3233 EA 10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,775.97	382.52
<i>For Class 52 Rating, Deduct</i>	-791.60	
<i>For Class 54 Rating, Add</i>	1,086.41	
<i>For Class 55 Rating, Add</i>	1,618.71	
<i>For Class 56 Rating, Add</i>	2,143.80	
40 05 19 00-3234 EA 10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,991.66	385.23
<i>For Class 52 Rating, Deduct</i>	-814.88	
<i>For Class 54 Rating, Add</i>	1,118.20	
<i>For Class 55 Rating, Add</i>	1,665.99	
<i>For Class 56 Rating, Add</i>	2,206.37	
40 05 19 00-3235 EA 10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,207.34	387.95
<i>For Class 52 Rating, Deduct</i>	-838.15	
<i>For Class 54 Rating, Add</i>	1,149.99	
<i>For Class 55 Rating, Add</i>	1,713.27	
<i>For Class 56 Rating, Add</i>	2,268.93	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3236	EA	10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,423.03	390.66
		<i>For Class 52 Rating, Deduct</i>		-861.42	
		<i>For Class 54 Rating, Add</i>		1,181.77	
		<i>For Class 55 Rating, Add</i>		1,760.55	
		<i>For Class 56 Rating, Add</i>		2,331.49	
40 05 19 00-3237	EA	10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,638.71	393.36
		<i>For Class 52 Rating, Deduct</i>		-884.70	
		<i>For Class 54 Rating, Add</i>		1,213.56	
		<i>For Class 55 Rating, Add</i>		1,807.83	
		<i>For Class 56 Rating, Add</i>		2,394.05	
40 05 19 00-3238	EA	10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,854.40	396.08
		<i>For Class 52 Rating, Deduct</i>		-907.97	
		<i>For Class 54 Rating, Add</i>		1,245.34	
		<i>For Class 55 Rating, Add</i>		1,855.11	
		<i>For Class 56 Rating, Add</i>		2,456.62	
40 05 19 00-3239	EA	10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,070.09	398.80
		<i>For Class 52 Rating, Deduct</i>		-931.24	
		<i>For Class 54 Rating, Add</i>		1,277.13	
		<i>For Class 55 Rating, Add</i>		1,902.39	
		<i>For Class 56 Rating, Add</i>		2,519.18	
40 05 19 00-3240	EA	10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,285.78	401.51
		<i>For Class 52 Rating, Deduct</i>		-954.52	
		<i>For Class 54 Rating, Add</i>		1,308.91	
		<i>For Class 55 Rating, Add</i>		1,949.67	
		<i>For Class 56 Rating, Add</i>		2,581.74	
40 05 19 00-3241	EA	10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,501.45	404.22
		<i>For Class 52 Rating, Deduct</i>		-977.79	
		<i>For Class 54 Rating, Add</i>		1,340.70	
		<i>For Class 55 Rating, Add</i>		1,996.95	
		<i>For Class 56 Rating, Add</i>		2,644.30	
40 05 19 00-3242	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,717.15	406.94
		<i>For Class 52 Rating, Deduct</i>		-1,001.06	
		<i>For Class 54 Rating, Add</i>		1,372.49	
		<i>For Class 55 Rating, Add</i>		2,044.23	
		<i>For Class 56 Rating, Add</i>		2,706.87	
40 05 19 00-3243		<b>12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>			
40 05 19 00-3244	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		1,976.43	379.81
		<i>For Class 52 Rating, Deduct</i>		-154.11	
		<i>For Class 54 Rating, Add</i>		217.05	
		<i>For Class 55 Rating, Add</i>		326.23	
		<i>For Class 56 Rating, Add</i>		434.00	
40 05 19 00-3245	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,243.58	382.52
		<i>For Class 52 Rating, Deduct</i>		-183.04	
		<i>For Class 54 Rating, Add</i>		256.56	
		<i>For Class 55 Rating, Add</i>		384.98	
		<i>For Class 56 Rating, Add</i>		511.75	
40 05 19 00-3246	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,510.73	385.23
		<i>For Class 52 Rating, Deduct</i>		-211.98	
		<i>For Class 54 Rating, Add</i>		296.06	
		<i>For Class 55 Rating, Add</i>		443.74	
		<i>For Class 56 Rating, Add</i>		589.49	
40 05 19 00-3247	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		2,777.88	387.95
		<i>For Class 52 Rating, Deduct</i>		-240.91	
		<i>For Class 54 Rating, Add</i>		335.57	
		<i>For Class 55 Rating, Add</i>		502.50	
		<i>For Class 56 Rating, Add</i>		667.24	
40 05 19 00-3248	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,045.02	390.66
		<i>For Class 52 Rating, Deduct</i>		-269.84	
		<i>For Class 54 Rating, Add</i>		375.07	
		<i>For Class 55 Rating, Add</i>		561.25	
		<i>For Class 56 Rating, Add</i>		744.98	
40 05 19 00-3249	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		3,312.17	393.36
		<i>For Class 52 Rating, Deduct</i>		-298.78	
		<i>For Class 54 Rating, Add</i>		414.58	
		<i>For Class 55 Rating, Add</i>		620.01	
		<i>For Class 56 Rating, Add</i>		822.72	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3250 EA 12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,579.32	396.08
<i>For Class 52 Rating, Deduct</i>	-327.71	
<i>For Class 54 Rating, Add</i>	454.08	
<i>For Class 55 Rating, Add</i>	678.76	
<i>For Class 56 Rating, Add</i>	900.47	
40 05 19 00-3251 EA 12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,846.48	398.80
<i>For Class 52 Rating, Deduct</i>	-356.65	
<i>For Class 54 Rating, Add</i>	493.59	
<i>For Class 55 Rating, Add</i>	737.52	
<i>For Class 56 Rating, Add</i>	978.21	
40 05 19 00-3252 EA 12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,113.63	401.51
<i>For Class 52 Rating, Deduct</i>	-385.58	
<i>For Class 54 Rating, Add</i>	533.09	
<i>For Class 55 Rating, Add</i>	796.28	
<i>For Class 56 Rating, Add</i>	1,055.96	
40 05 19 00-3253 EA 12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,380.77	404.22
<i>For Class 52 Rating, Deduct</i>	-414.52	
<i>For Class 54 Rating, Add</i>	572.60	
<i>For Class 55 Rating, Add</i>	855.03	
<i>For Class 56 Rating, Add</i>	1,133.70	
40 05 19 00-3254 EA 12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,647.93	406.94
<i>For Class 52 Rating, Deduct</i>	-443.45	
<i>For Class 54 Rating, Add</i>	612.10	
<i>For Class 55 Rating, Add</i>	913.79	
<i>For Class 56 Rating, Add</i>	1,211.45	
40 05 19 00-3255 EA 12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,915.08	409.65
<i>For Class 52 Rating, Deduct</i>	-472.38	
<i>For Class 54 Rating, Add</i>	651.61	
<i>For Class 55 Rating, Add</i>	972.55	
<i>For Class 56 Rating, Add</i>	1,289.19	
40 05 19 00-3256 EA 12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,182.22	412.35
<i>For Class 52 Rating, Deduct</i>	-501.32	
<i>For Class 54 Rating, Add</i>	691.11	
<i>For Class 55 Rating, Add</i>	1,031.30	
<i>For Class 56 Rating, Add</i>	1,366.94	
40 05 19 00-3257 EA 12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,449.38	415.07
<i>For Class 52 Rating, Deduct</i>	-530.25	
<i>For Class 54 Rating, Add</i>	730.62	
<i>For Class 55 Rating, Add</i>	1,090.06	
<i>For Class 56 Rating, Add</i>	1,444.68	
40 05 19 00-3258 EA 12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,716.53	417.79
<i>For Class 52 Rating, Deduct</i>	-559.19	
<i>For Class 54 Rating, Add</i>	770.12	
<i>For Class 55 Rating, Add</i>	1,148.82	
<i>For Class 56 Rating, Add</i>	1,522.43	
40 05 19 00-3259 EA 12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,983.66	420.50
<i>For Class 52 Rating, Deduct</i>	-588.12	
<i>For Class 54 Rating, Add</i>	809.63	
<i>For Class 55 Rating, Add</i>	1,207.57	
<i>For Class 56 Rating, Add</i>	1,600.17	
40 05 19 00-3260 EA 12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,250.82	423.21
<i>For Class 52 Rating, Deduct</i>	-617.05	
<i>For Class 54 Rating, Add</i>	849.13	
<i>For Class 55 Rating, Add</i>	1,266.33	
<i>For Class 56 Rating, Add</i>	1,677.91	
40 05 19 00-3261 EA 12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,517.97	425.93
<i>For Class 52 Rating, Deduct</i>	-645.99	
<i>For Class 54 Rating, Add</i>	888.64	
<i>For Class 55 Rating, Add</i>	1,325.08	
<i>For Class 56 Rating, Add</i>	1,755.66	
40 05 19 00-3262 EA 12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,785.12	428.64
<i>For Class 52 Rating, Deduct</i>	-674.92	
<i>For Class 54 Rating, Add</i>	928.14	
<i>For Class 55 Rating, Add</i>	1,383.84	
<i>For Class 56 Rating, Add</i>	1,833.40	
40 05 19 00-3263 EA 12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,052.27	431.34
<i>For Class 52 Rating, Deduct</i>	-703.86	
<i>For Class 54 Rating, Add</i>	967.65	
<i>For Class 55 Rating, Add</i>	1,442.60	
<i>For Class 56 Rating, Add</i>	1,911.15	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3264	EA		12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,319.42	434.06
			<i>For Class 52 Rating, Deduct</i>	-732.79	
			<i>For Class 54 Rating, Add</i>	1,007.15	
			<i>For Class 55 Rating, Add</i>	1,501.35	
			<i>For Class 56 Rating, Add</i>	1,988.89	
40 05 19 00-3265	EA		12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,586.57	436.78
			<i>For Class 52 Rating, Deduct</i>	-761.73	
			<i>For Class 54 Rating, Add</i>	1,046.66	
			<i>For Class 55 Rating, Add</i>	1,560.11	
			<i>For Class 56 Rating, Add</i>	2,066.64	
40 05 19 00-3266	EA		12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,853.72	439.49
			<i>For Class 52 Rating, Deduct</i>	-790.66	
			<i>For Class 54 Rating, Add</i>	1,086.17	
			<i>For Class 55 Rating, Add</i>	1,618.87	
			<i>For Class 56 Rating, Add</i>	2,144.38	
40 05 19 00-3267	EA		12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,120.87	442.20
			<i>For Class 52 Rating, Deduct</i>	-819.60	
			<i>For Class 54 Rating, Add</i>	1,125.67	
			<i>For Class 55 Rating, Add</i>	1,677.62	
			<i>For Class 56 Rating, Add</i>	2,222.13	
40 05 19 00-3268	EA		12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,388.03	444.92
			<i>For Class 52 Rating, Deduct</i>	-848.53	
			<i>For Class 54 Rating, Add</i>	1,165.18	
			<i>For Class 55 Rating, Add</i>	1,736.38	
			<i>For Class 56 Rating, Add</i>	2,299.87	
40 05 19 00-3269	EA		12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,655.16	447.63
			<i>For Class 52 Rating, Deduct</i>	-877.46	
			<i>For Class 54 Rating, Add</i>	1,204.68	
			<i>For Class 55 Rating, Add</i>	1,795.13	
			<i>For Class 56 Rating, Add</i>	2,377.61	
40 05 19 00-3270	EA		12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,922.31	450.34
			<i>For Class 52 Rating, Deduct</i>	-906.40	
			<i>For Class 54 Rating, Add</i>	1,244.18	
			<i>For Class 55 Rating, Add</i>	1,853.89	
			<i>For Class 56 Rating, Add</i>	2,455.36	
40 05 19 00-3271	EA		12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,189.47	453.05
			<i>For Class 52 Rating, Deduct</i>	-935.33	
			<i>For Class 54 Rating, Add</i>	1,283.69	
			<i>For Class 55 Rating, Add</i>	1,912.65	
			<i>For Class 56 Rating, Add</i>	2,533.10	
40 05 19 00-3272	EA		12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,456.61	455.77
			<i>For Class 52 Rating, Deduct</i>	-964.27	
			<i>For Class 54 Rating, Add</i>	1,323.20	
			<i>For Class 55 Rating, Add</i>	1,971.40	
			<i>For Class 56 Rating, Add</i>	2,610.85	
40 05 19 00-3273	EA		12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,723.76	458.48
			<i>For Class 52 Rating, Deduct</i>	-993.20	
			<i>For Class 54 Rating, Add</i>	1,362.70	
			<i>For Class 55 Rating, Add</i>	2,030.16	
			<i>For Class 56 Rating, Add</i>	2,688.59	
40 05 19 00-3274	EA		12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,990.92	461.19
			<i>For Class 52 Rating, Deduct</i>	-1,022.14	
			<i>For Class 54 Rating, Add</i>	1,402.21	
			<i>For Class 55 Rating, Add</i>	2,088.92	
			<i>For Class 56 Rating, Add</i>	2,766.34	
40 05 19 00-3275	EA		12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,258.07	463.91
			<i>For Class 52 Rating, Deduct</i>	-1,051.07	
			<i>For Class 54 Rating, Add</i>	1,441.71	
			<i>For Class 55 Rating, Add</i>	2,147.67	
			<i>For Class 56 Rating, Add</i>	2,844.08	
40 05 19 00-3276	EA		12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,525.21	466.62
			<i>For Class 52 Rating, Deduct</i>	-1,080.00	
			<i>For Class 54 Rating, Add</i>	1,481.22	
			<i>For Class 55 Rating, Add</i>	2,206.43	
			<i>For Class 56 Rating, Add</i>	2,921.83	
40 05 19 00-3277	EA		12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,792.37	469.33
			<i>For Class 52 Rating, Deduct</i>	-1,108.94	
			<i>For Class 54 Rating, Add</i>	1,520.72	
			<i>For Class 55 Rating, Add</i>	2,265.19	
			<i>For Class 56 Rating, Add</i>	2,999.57	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3278 EA 12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,059.52	472.04
<i>For Class 52 Rating, Deduct</i>	-1,137.87	
<i>For Class 54 Rating, Add</i>	1,560.23	
<i>For Class 55 Rating, Add</i>	2,323.94	
<i>For Class 56 Rating, Add</i>	3,077.32	
40 05 19 00-3279 EA 12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,326.66	474.76
<i>For Class 52 Rating, Deduct</i>	-1,166.81	
<i>For Class 54 Rating, Add</i>	1,599.73	
<i>For Class 55 Rating, Add</i>	2,382.70	
<i>For Class 56 Rating, Add</i>	3,155.06	
40 05 19 00-3280 EA 12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,593.81	477.47
<i>For Class 52 Rating, Deduct</i>	-1,195.74	
<i>For Class 54 Rating, Add</i>	1,639.24	
<i>For Class 55 Rating, Add</i>	2,441.46	
<i>For Class 56 Rating, Add</i>	3,232.80	
40 05 19 00-3281 EA 12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,860.96	480.18
<i>For Class 52 Rating, Deduct</i>	-1,224.68	
<i>For Class 54 Rating, Add</i>	1,678.74	
<i>For Class 55 Rating, Add</i>	2,500.21	
<i>For Class 56 Rating, Add</i>	3,310.55	
40 05 19 00-3282 EA 12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,128.10	482.90
<i>For Class 52 Rating, Deduct</i>	-1,253.61	
<i>For Class 54 Rating, Add</i>	1,718.25	
<i>For Class 55 Rating, Add</i>	2,558.97	
<i>For Class 56 Rating, Add</i>	3,388.29	
<b>40 05 19 00-3283 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3082)</small></b>		
40 05 19 00-3284 EA 14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,666.20	455.77
<i>For Class 52 Rating, Deduct</i>	-217.32	
<i>For Class 54 Rating, Add</i>	304.63	
<i>For Class 55 Rating, Add</i>	457.14	
<i>For Class 56 Rating, Add</i>	607.68	
40 05 19 00-3285 EA 14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,990.53	458.48
<i>For Class 52 Rating, Deduct</i>	-252.55	
<i>For Class 54 Rating, Add</i>	352.72	
<i>For Class 55 Rating, Add</i>	528.65	
<i>For Class 56 Rating, Add</i>	702.29	
40 05 19 00-3286 EA 14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,314.87	461.19
<i>For Class 52 Rating, Deduct</i>	-287.77	
<i>For Class 54 Rating, Add</i>	400.80	
<i>For Class 55 Rating, Add</i>	600.16	
<i>For Class 56 Rating, Add</i>	796.90	
40 05 19 00-3287 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,639.21	463.91
<i>For Class 52 Rating, Deduct</i>	-323.00	
<i>For Class 54 Rating, Add</i>	448.88	
<i>For Class 55 Rating, Add</i>	671.67	
<i>For Class 56 Rating, Add</i>	891.52	
40 05 19 00-3288 EA 14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,963.53	466.62
<i>For Class 52 Rating, Deduct</i>	-358.22	
<i>For Class 54 Rating, Add</i>	496.96	
<i>For Class 55 Rating, Add</i>	743.18	
<i>For Class 56 Rating, Add</i>	986.13	
40 05 19 00-3289 EA 14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,287.87	469.33
<i>For Class 52 Rating, Deduct</i>	-393.44	
<i>For Class 54 Rating, Add</i>	545.05	
<i>For Class 55 Rating, Add</i>	814.68	
<i>For Class 56 Rating, Add</i>	1,080.74	
40 05 19 00-3290 EA 14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,612.20	472.04
<i>For Class 52 Rating, Deduct</i>	-428.67	
<i>For Class 54 Rating, Add</i>	593.13	
<i>For Class 55 Rating, Add</i>	886.19	
<i>For Class 56 Rating, Add</i>	1,175.36	
40 05 19 00-3291 EA 14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,936.52	474.76
<i>For Class 52 Rating, Deduct</i>	-463.89	
<i>For Class 54 Rating, Add</i>	641.21	
<i>For Class 55 Rating, Add</i>	957.70	
<i>For Class 56 Rating, Add</i>	1,269.97	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3292	EA	14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,260.86	477.47
		<i>For Class 52 Rating, Deduct</i>		-499.12	
		<i>For Class 54 Rating, Add</i>		689.29	
		<i>For Class 55 Rating, Add</i>		1,029.21	
		<i>For Class 56 Rating, Add</i>		1,364.58	
40 05 19 00-3293	EA	14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,585.19	480.18
		<i>For Class 52 Rating, Deduct</i>		-534.34	
		<i>For Class 54 Rating, Add</i>		737.38	
		<i>For Class 55 Rating, Add</i>		1,100.71	
		<i>For Class 56 Rating, Add</i>		1,459.20	
40 05 19 00-3294	EA	14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		5,909.52	482.90
		<i>For Class 52 Rating, Deduct</i>		-569.57	
		<i>For Class 54 Rating, Add</i>		785.46	
		<i>For Class 55 Rating, Add</i>		1,172.22	
		<i>For Class 56 Rating, Add</i>		1,553.81	
40 05 19 00-3295	EA	14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,233.86	485.61
		<i>For Class 52 Rating, Deduct</i>		-604.79	
		<i>For Class 54 Rating, Add</i>		833.54	
		<i>For Class 55 Rating, Add</i>		1,243.73	
		<i>For Class 56 Rating, Add</i>		1,648.42	
40 05 19 00-3296	EA	14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,558.19	488.32
		<i>For Class 52 Rating, Deduct</i>		-640.01	
		<i>For Class 54 Rating, Add</i>		881.63	
		<i>For Class 55 Rating, Add</i>		1,315.24	
		<i>For Class 56 Rating, Add</i>		1,743.04	
40 05 19 00-3297	EA	14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		6,882.51	491.03
		<i>For Class 52 Rating, Deduct</i>		-675.24	
		<i>For Class 54 Rating, Add</i>		929.71	
		<i>For Class 55 Rating, Add</i>		1,386.75	
		<i>For Class 56 Rating, Add</i>		1,837.65	
40 05 19 00-3298	EA	14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,206.85	493.74
		<i>For Class 52 Rating, Deduct</i>		-710.46	
		<i>For Class 54 Rating, Add</i>		977.79	
		<i>For Class 55 Rating, Add</i>		1,458.26	
		<i>For Class 56 Rating, Add</i>		1,932.26	
40 05 19 00-3299	EA	14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,531.18	496.46
		<i>For Class 52 Rating, Deduct</i>		-745.69	
		<i>For Class 54 Rating, Add</i>		1,025.87	
		<i>For Class 55 Rating, Add</i>		1,529.76	
		<i>For Class 56 Rating, Add</i>		2,026.88	
40 05 19 00-3300	EA	14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		7,855.53	499.17
		<i>For Class 52 Rating, Deduct</i>		-780.91	
		<i>For Class 54 Rating, Add</i>		1,073.96	
		<i>For Class 55 Rating, Add</i>		1,601.27	
		<i>For Class 56 Rating, Add</i>		2,121.49	
40 05 19 00-3301	EA	14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,179.85	501.89
		<i>For Class 52 Rating, Deduct</i>		-816.14	
		<i>For Class 54 Rating, Add</i>		1,122.04	
		<i>For Class 55 Rating, Add</i>		1,672.78	
		<i>For Class 56 Rating, Add</i>		2,216.10	
40 05 19 00-3302	EA	14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,504.18	504.60
		<i>For Class 52 Rating, Deduct</i>		-851.36	
		<i>For Class 54 Rating, Add</i>		1,170.12	
		<i>For Class 55 Rating, Add</i>		1,744.29	
		<i>For Class 56 Rating, Add</i>		2,310.72	
40 05 19 00-3303	EA	14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		8,828.52	507.31
		<i>For Class 52 Rating, Deduct</i>		-886.58	
		<i>For Class 54 Rating, Add</i>		1,218.20	
		<i>For Class 55 Rating, Add</i>		1,815.80	
		<i>For Class 56 Rating, Add</i>		2,405.33	
40 05 19 00-3304	EA	14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,152.84	510.02
		<i>For Class 52 Rating, Deduct</i>		-921.81	
		<i>For Class 54 Rating, Add</i>		1,266.29	
		<i>For Class 55 Rating, Add</i>		1,887.30	
		<i>For Class 56 Rating, Add</i>		2,499.94	
40 05 19 00-3305	EA	14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		9,477.17	512.73
		<i>For Class 52 Rating, Deduct</i>		-957.03	
		<i>For Class 54 Rating, Add</i>		1,314.37	
		<i>For Class 55 Rating, Add</i>		1,958.81	
		<i>For Class 56 Rating, Add</i>		2,594.56	



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3306 EA 14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	9,801.51	515.45
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-992.26	
For Class 54 Rating, Add	1,362.45	
For Class 55 Rating, Add	2,030.32	
For Class 56 Rating, Add	2,689.17	
40 05 19 00-3307 EA 14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	10,125.83	518.17
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,027.48	
For Class 54 Rating, Add	1,410.53	
For Class 55 Rating, Add	2,101.83	
For Class 56 Rating, Add	2,783.78	
40 05 19 00-3308 EA 14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	10,450.17	520.88
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,062.71	
For Class 54 Rating, Add	1,458.62	
For Class 55 Rating, Add	2,173.34	
For Class 56 Rating, Add	2,878.40	
40 05 19 00-3309 EA 14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	10,774.51	523.58
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,097.93	
For Class 54 Rating, Add	1,506.70	
For Class 55 Rating, Add	2,244.85	
For Class 56 Rating, Add	2,973.01	
40 05 19 00-3310 EA 14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	11,098.83	526.30
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,133.16	
For Class 54 Rating, Add	1,554.78	
For Class 55 Rating, Add	2,316.35	
For Class 56 Rating, Add	3,067.62	
40 05 19 00-3311 EA 14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	11,423.16	529.01
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,168.38	
For Class 54 Rating, Add	1,602.86	
For Class 55 Rating, Add	2,387.86	
For Class 56 Rating, Add	3,162.24	
40 05 19 00-3312 EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	11,747.50	531.72
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,203.60	
For Class 54 Rating, Add	1,650.95	
For Class 55 Rating, Add	2,459.37	
For Class 56 Rating, Add	3,256.85	
40 05 19 00-3313 EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	12,071.83	534.44
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,238.83	
For Class 54 Rating, Add	1,699.03	
For Class 55 Rating, Add	2,530.88	
For Class 56 Rating, Add	3,351.46	
40 05 19 00-3314 EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	12,396.16	537.16
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,274.05	
For Class 54 Rating, Add	1,747.11	
For Class 55 Rating, Add	2,602.39	
For Class 56 Rating, Add	3,446.08	
40 05 19 00-3315 EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	12,720.50	539.87
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,309.28	
For Class 54 Rating, Add	1,795.19	
For Class 55 Rating, Add	2,673.89	
For Class 56 Rating, Add	3,540.69	
40 05 19 00-3316 EA 14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	13,044.83	542.57
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,344.50	
For Class 54 Rating, Add	1,843.28	
For Class 55 Rating, Add	2,745.40	
For Class 56 Rating, Add	3,635.30	
40 05 19 00-3317 EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	13,369.15	545.29
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,379.73	
For Class 54 Rating, Add	1,891.36	
For Class 55 Rating, Add	2,816.91	
For Class 56 Rating, Add	3,729.92	
40 05 19 00-3318 EA 14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	13,693.49	548.00
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,414.95	
For Class 54 Rating, Add	1,939.44	
For Class 55 Rating, Add	2,888.42	
For Class 56 Rating, Add	3,824.53	
40 05 19 00-3319 EA 14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal	14,017.82	550.71
Coat, Ductile Iron Pipe		
For Class 52 Rating, Deduct	-1,450.17	
For Class 54 Rating, Add	1,987.52	
For Class 55 Rating, Add	2,959.92	
For Class 56 Rating, Add	3,919.14	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3320	EA	14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,342.15		553.43
		<i>For Class 52 Rating, Deduct</i>	-1,485.40		
		<i>For Class 54 Rating, Add</i>	2,035.61		
		<i>For Class 55 Rating, Add</i>	3,031.43		
		<i>For Class 56 Rating, Add</i>	4,013.75		
40 05 19 00-3321	EA	14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,666.49		556.15
		<i>For Class 52 Rating, Deduct</i>	-1,520.62		
		<i>For Class 54 Rating, Add</i>	2,083.69		
		<i>For Class 55 Rating, Add</i>	3,102.94		
		<i>For Class 56 Rating, Add</i>	4,108.37		
<b>40 05 19 00-3322 16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3082)</small></b>					
40 05 19 00-3323	EA	16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,119.38		520.88
		<i>For Class 52 Rating, Deduct</i>	-256.32		
		<i>For Class 54 Rating, Add</i>	359.00		
		<i>For Class 55 Rating, Add</i>	538.57		
		<i>For Class 56 Rating, Add</i>	715.81		
40 05 19 00-3324	EA	16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,495.19		523.58
		<i>For Class 52 Rating, Deduct</i>	-297.21		
		<i>For Class 54 Rating, Add</i>	414.80		
		<i>For Class 55 Rating, Add</i>	621.56		
		<i>For Class 56 Rating, Add</i>	825.61		
40 05 19 00-3325	EA	16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,870.97		526.30
		<i>For Class 52 Rating, Deduct</i>	-338.09		
		<i>For Class 54 Rating, Add</i>	470.60		
		<i>For Class 55 Rating, Add</i>	704.54		
		<i>For Class 56 Rating, Add</i>	935.40		
40 05 19 00-3326	EA	16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,246.77		529.01
		<i>For Class 52 Rating, Deduct</i>	-378.98		
		<i>For Class 54 Rating, Add</i>	526.40		
		<i>For Class 55 Rating, Add</i>	787.53		
		<i>For Class 56 Rating, Add</i>	1,045.20		
40 05 19 00-3327	EA	16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,622.58		531.72
		<i>For Class 52 Rating, Deduct</i>	-419.86		
		<i>For Class 54 Rating, Add</i>	582.21		
		<i>For Class 55 Rating, Add</i>	870.51		
		<i>For Class 56 Rating, Add</i>	1,155.00		
40 05 19 00-3328	EA	16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,998.37		534.44
		<i>For Class 52 Rating, Deduct</i>	-460.75		
		<i>For Class 54 Rating, Add</i>	638.01		
		<i>For Class 55 Rating, Add</i>	953.49		
		<i>For Class 56 Rating, Add</i>	1,264.79		
40 05 19 00-3329	EA	16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,374.16		537.16
		<i>For Class 52 Rating, Deduct</i>	-501.63		
		<i>For Class 54 Rating, Add</i>	693.81		
		<i>For Class 55 Rating, Add</i>	1,036.48		
		<i>For Class 56 Rating, Add</i>	1,374.59		
40 05 19 00-3330	EA	16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,749.96		539.87
		<i>For Class 52 Rating, Deduct</i>	-542.52		
		<i>For Class 54 Rating, Add</i>	749.61		
		<i>For Class 55 Rating, Add</i>	1,119.46		
		<i>For Class 56 Rating, Add</i>	1,484.38		
40 05 19 00-3331	EA	16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,125.76		542.57
		<i>For Class 52 Rating, Deduct</i>	-583.40		
		<i>For Class 54 Rating, Add</i>	805.42		
		<i>For Class 55 Rating, Add</i>	1,202.45		
		<i>For Class 56 Rating, Add</i>	1,594.18		
40 05 19 00-3332	EA	16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,501.54		545.29
		<i>For Class 52 Rating, Deduct</i>	-624.29		
		<i>For Class 54 Rating, Add</i>	861.22		
		<i>For Class 55 Rating, Add</i>	1,285.43		
		<i>For Class 56 Rating, Add</i>	1,703.97		
40 05 19 00-3333	EA	16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,877.35		548.00
		<i>For Class 52 Rating, Deduct</i>	-665.17		
		<i>For Class 54 Rating, Add</i>	917.02		
		<i>For Class 55 Rating, Add</i>	1,368.42		
		<i>For Class 56 Rating, Add</i>	1,813.77		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3334 EA 16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,253.14	550.71
<i>For Class 52 Rating, Deduct</i>	-706.06	
<i>For Class 54 Rating, Add</i>	972.82	
<i>For Class 55 Rating, Add</i>	1,451.40	
<i>For Class 56 Rating, Add</i>	1,923.56	
40 05 19 00-3335 EA 16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,628.94	553.43
<i>For Class 52 Rating, Deduct</i>	-746.95	
<i>For Class 54 Rating, Add</i>	1,028.62	
<i>For Class 55 Rating, Add</i>	1,534.39	
<i>For Class 56 Rating, Add</i>	2,033.36	
40 05 19 00-3336 EA 16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,004.74	556.15
<i>For Class 52 Rating, Deduct</i>	-787.83	
<i>For Class 54 Rating, Add</i>	1,084.43	
<i>For Class 55 Rating, Add</i>	1,617.37	
<i>For Class 56 Rating, Add</i>	2,143.15	
40 05 19 00-3337 EA 16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,380.53	558.86
<i>For Class 52 Rating, Deduct</i>	-828.72	
<i>For Class 54 Rating, Add</i>	1,140.23	
<i>For Class 55 Rating, Add</i>	1,700.35	
<i>For Class 56 Rating, Add</i>	2,252.95	
40 05 19 00-3338 EA 16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,756.33	561.56
<i>For Class 52 Rating, Deduct</i>	-869.60	
<i>For Class 54 Rating, Add</i>	1,196.03	
<i>For Class 55 Rating, Add</i>	1,783.34	
<i>For Class 56 Rating, Add</i>	2,362.74	
40 05 19 00-3339 EA 16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,132.12	564.28
<i>For Class 52 Rating, Deduct</i>	-910.49	
<i>For Class 54 Rating, Add</i>	1,251.83	
<i>For Class 55 Rating, Add</i>	1,866.32	
<i>For Class 56 Rating, Add</i>	2,472.54	
40 05 19 00-3340 EA 16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,507.92	566.99
<i>For Class 52 Rating, Deduct</i>	-951.37	
<i>For Class 54 Rating, Add</i>	1,307.63	
<i>For Class 55 Rating, Add</i>	1,949.31	
<i>For Class 56 Rating, Add</i>	2,582.33	
40 05 19 00-3341 EA 16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,883.72	569.70
<i>For Class 52 Rating, Deduct</i>	-992.26	
<i>For Class 54 Rating, Add</i>	1,363.44	
<i>For Class 55 Rating, Add</i>	2,032.29	
<i>For Class 56 Rating, Add</i>	2,692.13	
40 05 19 00-3342 EA 16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,259.51	572.42
<i>For Class 52 Rating, Deduct</i>	-1,033.14	
<i>For Class 54 Rating, Add</i>	1,419.24	
<i>For Class 55 Rating, Add</i>	2,115.28	
<i>For Class 56 Rating, Add</i>	2,801.92	
40 05 19 00-3343 EA 16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,635.30	575.14
<i>For Class 52 Rating, Deduct</i>	-1,074.03	
<i>For Class 54 Rating, Add</i>	1,475.04	
<i>For Class 55 Rating, Add</i>	2,198.26	
<i>For Class 56 Rating, Add</i>	2,911.72	
40 05 19 00-3344 EA 16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,011.11	577.85
<i>For Class 52 Rating, Deduct</i>	-1,114.91	
<i>For Class 54 Rating, Add</i>	1,530.84	
<i>For Class 55 Rating, Add</i>	2,281.25	
<i>For Class 56 Rating, Add</i>	3,021.52	
40 05 19 00-3345 EA 16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,386.90	580.55
<i>For Class 52 Rating, Deduct</i>	-1,155.80	
<i>For Class 54 Rating, Add</i>	1,586.65	
<i>For Class 55 Rating, Add</i>	2,364.23	
<i>For Class 56 Rating, Add</i>	3,131.31	
40 05 19 00-3346 EA 16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,762.69	583.27
<i>For Class 52 Rating, Deduct</i>	-1,196.68	
<i>For Class 54 Rating, Add</i>	1,642.45	
<i>For Class 55 Rating, Add</i>	2,447.22	
<i>For Class 56 Rating, Add</i>	3,241.10	
40 05 19 00-3347 EA 16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,138.50	585.99
<i>For Class 52 Rating, Deduct</i>	-1,237.57	
<i>For Class 54 Rating, Add</i>	1,698.25	
<i>For Class 55 Rating, Add</i>	2,530.20	
<i>For Class 56 Rating, Add</i>	3,350.90	



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3348	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,514.28		588.69
		<i>For Class 52 Rating, Deduct</i>	-1,278.46		
		<i>For Class 54 Rating, Add</i>	1,754.05		
		<i>For Class 55 Rating, Add</i>	2,613.18		
		<i>For Class 56 Rating, Add</i>	3,460.69		
40 05 19 00-3349	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,890.08		591.41
		<i>For Class 52 Rating, Deduct</i>	-1,319.34		
		<i>For Class 54 Rating, Add</i>	1,809.85		
		<i>For Class 55 Rating, Add</i>	2,696.17		
		<i>For Class 56 Rating, Add</i>	3,570.49		
40 05 19 00-3350	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,265.88		594.13
		<i>For Class 52 Rating, Deduct</i>	-1,360.23		
		<i>For Class 54 Rating, Add</i>	1,865.66		
		<i>For Class 55 Rating, Add</i>	2,779.15		
		<i>For Class 56 Rating, Add</i>	3,680.29		
40 05 19 00-3351	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,641.67		596.83
		<i>For Class 52 Rating, Deduct</i>	-1,401.11		
		<i>For Class 54 Rating, Add</i>	1,921.46		
		<i>For Class 55 Rating, Add</i>	2,862.14		
		<i>For Class 56 Rating, Add</i>	3,790.08		
40 05 19 00-3352	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,017.48		599.54
		<i>For Class 52 Rating, Deduct</i>	-1,442.00		
		<i>For Class 54 Rating, Add</i>	1,977.26		
		<i>For Class 55 Rating, Add</i>	2,945.12		
		<i>For Class 56 Rating, Add</i>	3,899.88		
40 05 19 00-3353	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,393.27		602.26
		<i>For Class 52 Rating, Deduct</i>	-1,482.88		
		<i>For Class 54 Rating, Add</i>	2,033.06		
		<i>For Class 55 Rating, Add</i>	3,028.11		
		<i>For Class 56 Rating, Add</i>	4,009.67		
40 05 19 00-3354	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,769.07		604.98
		<i>For Class 52 Rating, Deduct</i>	-1,523.77		
		<i>For Class 54 Rating, Add</i>	2,088.87		
		<i>For Class 55 Rating, Add</i>	3,111.09		
		<i>For Class 56 Rating, Add</i>	4,119.47		
40 05 19 00-3355	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,144.86		607.68
		<i>For Class 52 Rating, Deduct</i>	-1,564.65		
		<i>For Class 54 Rating, Add</i>	2,144.67		
		<i>For Class 55 Rating, Add</i>	3,194.08		
		<i>For Class 56 Rating, Add</i>	4,229.26		
40 05 19 00-3356	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,520.66		610.40
		<i>For Class 52 Rating, Deduct</i>	-1,605.54		
		<i>For Class 54 Rating, Add</i>	2,200.47		
		<i>For Class 55 Rating, Add</i>	3,277.06		
		<i>For Class 56 Rating, Add</i>	4,339.06		
40 05 19 00-3357	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,896.45		613.12
		<i>For Class 52 Rating, Deduct</i>	-1,646.42		
		<i>For Class 54 Rating, Add</i>	2,256.27		
		<i>For Class 55 Rating, Add</i>	3,360.05		
		<i>For Class 56 Rating, Add</i>	4,448.85		
40 05 19 00-3358	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,272.25		615.82
		<i>For Class 52 Rating, Deduct</i>	-1,687.31		
		<i>For Class 54 Rating, Add</i>	2,312.07		
		<i>For Class 55 Rating, Add</i>	3,443.03		
		<i>For Class 56 Rating, Add</i>	4,558.65		
40 05 19 00-3359	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,648.04		618.53
		<i>For Class 52 Rating, Deduct</i>	-1,728.19		
		<i>For Class 54 Rating, Add</i>	2,367.88		
		<i>For Class 55 Rating, Add</i>	3,526.01		
		<i>For Class 56 Rating, Add</i>	4,668.44		
40 05 19 00-3360	EA	16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,023.84		621.25
		<i>For Class 52 Rating, Deduct</i>	-1,769.08		
		<i>For Class 54 Rating, Add</i>	2,423.68		
		<i>For Class 55 Rating, Add</i>	3,609.00		
		<i>For Class 56 Rating, Add</i>	4,778.24		

40 05 19 00-3361 18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-3082)



MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3362 EA 18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,619.96	587.07
<i>For Class 52 Rating, Deduct</i>	-300.35	
<i>For Class 54 Rating, Add</i>	420.24	
<i>For Class 55 Rating, Add</i>	630.24	
<i>For Class 56 Rating, Add</i>	837.51	
40 05 19 00-3363 EA 18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,052.94	589.79
<i>For Class 52 Rating, Deduct</i>	-347.53	
<i>For Class 54 Rating, Add</i>	484.62	
<i>For Class 55 Rating, Add</i>	725.98	
<i>For Class 56 Rating, Add</i>	964.17	
40 05 19 00-3364 EA 18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,485.92	592.50
<i>For Class 52 Rating, Deduct</i>	-394.70	
<i>For Class 54 Rating, Add</i>	549.00	
<i>For Class 55 Rating, Add</i>	821.71	
<i>For Class 56 Rating, Add</i>	1,090.84	
40 05 19 00-3365 EA 18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,918.89	595.21
<i>For Class 52 Rating, Deduct</i>	-441.88	
<i>For Class 54 Rating, Add</i>	613.38	
<i>For Class 55 Rating, Add</i>	917.45	
<i>For Class 56 Rating, Add</i>	1,217.50	
40 05 19 00-3366 EA 18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,351.88	597.92
<i>For Class 52 Rating, Deduct</i>	-489.05	
<i>For Class 54 Rating, Add</i>	677.76	
<i>For Class 55 Rating, Add</i>	1,013.19	
<i>For Class 56 Rating, Add</i>	1,344.16	
40 05 19 00-3367 EA 18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,784.85	600.63
<i>For Class 52 Rating, Deduct</i>	-536.23	
<i>For Class 54 Rating, Add</i>	742.14	
<i>For Class 55 Rating, Add</i>	1,108.92	
<i>For Class 56 Rating, Add</i>	1,470.83	
40 05 19 00-3368 EA 18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,217.83	603.34
<i>For Class 52 Rating, Deduct</i>	-583.40	
<i>For Class 54 Rating, Add</i>	806.52	
<i>For Class 55 Rating, Add</i>	1,204.66	
<i>For Class 56 Rating, Add</i>	1,597.49	
40 05 19 00-3369 EA 18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,650.82	606.06
<i>For Class 52 Rating, Deduct</i>	-630.58	
<i>For Class 54 Rating, Add</i>	870.90	
<i>For Class 55 Rating, Add</i>	1,300.40	
<i>For Class 56 Rating, Add</i>	1,724.16	
40 05 19 00-3370 EA 18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,083.79	608.78
<i>For Class 52 Rating, Deduct</i>	-677.75	
<i>For Class 54 Rating, Add</i>	935.28	
<i>For Class 55 Rating, Add</i>	1,396.13	
<i>For Class 56 Rating, Add</i>	1,850.82	
40 05 19 00-3371 EA 18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,516.76	611.49
<i>For Class 52 Rating, Deduct</i>	-724.93	
<i>For Class 54 Rating, Add</i>	999.66	
<i>For Class 55 Rating, Add</i>	1,491.87	
<i>For Class 56 Rating, Add</i>	1,977.48	
40 05 19 00-3372 EA 18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,949.75	614.20
<i>For Class 52 Rating, Deduct</i>	-772.11	
<i>For Class 54 Rating, Add</i>	1,064.04	
<i>For Class 55 Rating, Add</i>	1,587.60	
<i>For Class 56 Rating, Add</i>	2,104.15	
40 05 19 00-3373 EA 18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,382.73	616.91
<i>For Class 52 Rating, Deduct</i>	-819.28	
<i>For Class 54 Rating, Add</i>	1,128.42	
<i>For Class 55 Rating, Add</i>	1,683.34	
<i>For Class 56 Rating, Add</i>	2,230.81	
40 05 19 00-3374 EA 18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,815.70	619.62
<i>For Class 52 Rating, Deduct</i>	-866.46	
<i>For Class 54 Rating, Add</i>	1,192.80	
<i>For Class 55 Rating, Add</i>	1,779.08	
<i>For Class 56 Rating, Add</i>	2,357.48	
40 05 19 00-3375 EA 18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,248.68	622.33
<i>For Class 52 Rating, Deduct</i>	-913.63	
<i>For Class 54 Rating, Add</i>	1,257.18	
<i>For Class 55 Rating, Add</i>	1,874.81	
<i>For Class 56 Rating, Add</i>	2,484.14	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3376	EA	18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,681.66		625.05
		<i>For Class 52 Rating, Deduct</i>	-960.81		
		<i>For Class 54 Rating, Add</i>	1,321.56		
		<i>For Class 55 Rating, Add</i>	1,970.55		
		<i>For Class 56 Rating, Add</i>	2,610.80		
40 05 19 00-3377	EA	18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,114.63		627.77
		<i>For Class 52 Rating, Deduct</i>	-1,007.98		
		<i>For Class 54 Rating, Add</i>	1,385.94		
		<i>For Class 55 Rating, Add</i>	2,066.28		
		<i>For Class 56 Rating, Add</i>	2,737.47		
40 05 19 00-3378	EA	18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,547.62		630.48
		<i>For Class 52 Rating, Deduct</i>	-1,055.16		
		<i>For Class 54 Rating, Add</i>	1,450.32		
		<i>For Class 55 Rating, Add</i>	2,162.02		
		<i>For Class 56 Rating, Add</i>	2,864.13		
40 05 19 00-3379	EA	18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,980.60		633.19
		<i>For Class 52 Rating, Deduct</i>	-1,102.33		
		<i>For Class 54 Rating, Add</i>	1,514.70		
		<i>For Class 55 Rating, Add</i>	2,257.76		
		<i>For Class 56 Rating, Add</i>	2,990.80		
40 05 19 00-3380	EA	18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,413.56		635.90
		<i>For Class 52 Rating, Deduct</i>	-1,149.51		
		<i>For Class 54 Rating, Add</i>	1,579.07		
		<i>For Class 55 Rating, Add</i>	2,353.49		
		<i>For Class 56 Rating, Add</i>	3,117.46		
40 05 19 00-3381	EA	18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,846.55		638.61
		<i>For Class 52 Rating, Deduct</i>	-1,196.68		
		<i>For Class 54 Rating, Add</i>	1,643.45		
		<i>For Class 55 Rating, Add</i>	2,449.23		
		<i>For Class 56 Rating, Add</i>	3,244.12		
40 05 19 00-3382	EA	18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,279.53		641.32
		<i>For Class 52 Rating, Deduct</i>	-1,243.86		
		<i>For Class 54 Rating, Add</i>	1,707.83		
		<i>For Class 55 Rating, Add</i>	2,544.96		
		<i>For Class 56 Rating, Add</i>	3,370.79		
40 05 19 00-3383	EA	18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,712.51		644.04
		<i>For Class 52 Rating, Deduct</i>	-1,291.04		
		<i>For Class 54 Rating, Add</i>	1,772.21		
		<i>For Class 55 Rating, Add</i>	2,640.70		
		<i>For Class 56 Rating, Add</i>	3,497.45		
40 05 19 00-3384	EA	18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,145.49		646.76
		<i>For Class 52 Rating, Deduct</i>	-1,338.21		
		<i>For Class 54 Rating, Add</i>	1,836.59		
		<i>For Class 55 Rating, Add</i>	2,736.44		
		<i>For Class 56 Rating, Add</i>	3,624.12		
40 05 19 00-3385	EA	18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,578.46		649.46
		<i>For Class 52 Rating, Deduct</i>	-1,385.39		
		<i>For Class 54 Rating, Add</i>	1,900.97		
		<i>For Class 55 Rating, Add</i>	2,832.17		
		<i>For Class 56 Rating, Add</i>	3,750.78		
40 05 19 00-3386	EA	18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,011.45		652.18
		<i>For Class 52 Rating, Deduct</i>	-1,432.56		
		<i>For Class 54 Rating, Add</i>	1,965.35		
		<i>For Class 55 Rating, Add</i>	2,927.91		
		<i>For Class 56 Rating, Add</i>	3,877.44		
40 05 19 00-3387	EA	18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,444.42		654.89
		<i>For Class 52 Rating, Deduct</i>	-1,479.74		
		<i>For Class 54 Rating, Add</i>	2,029.73		
		<i>For Class 55 Rating, Add</i>	3,023.65		
		<i>For Class 56 Rating, Add</i>	4,004.11		
40 05 19 00-3388	EA	18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,877.40		657.61
		<i>For Class 52 Rating, Deduct</i>	-1,526.91		
		<i>For Class 54 Rating, Add</i>	2,094.11		
		<i>For Class 55 Rating, Add</i>	3,119.38		
		<i>For Class 56 Rating, Add</i>	4,130.77		
40 05 19 00-3389	EA	18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,310.39		660.31
		<i>For Class 52 Rating, Deduct</i>	-1,574.09		
		<i>For Class 54 Rating, Add</i>	2,158.49		
		<i>For Class 55 Rating, Add</i>	3,215.12		
		<i>For Class 56 Rating, Add</i>	4,257.44		



Process Interconnections	40
Common Work Results For Process Interconnections	40 05
Ductile Iron Process Pipe	40 05 19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3390	EA		18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,743.35	663.03
			<i>For Class 52 Rating, Deduct</i>	-1,621.26	
			<i>For Class 54 Rating, Add</i>	2,222.87	
			<i>For Class 55 Rating, Add</i>	3,310.85	
			<i>For Class 56 Rating, Add</i>	4,384.10	
40 05 19 00-3391	EA		18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,176.33	665.75
			<i>For Class 52 Rating, Deduct</i>	-1,668.44	
			<i>For Class 54 Rating, Add</i>	2,287.25	
			<i>For Class 55 Rating, Add</i>	3,406.59	
			<i>For Class 56 Rating, Add</i>	4,510.76	
40 05 19 00-3392	EA		18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,609.32	668.45
			<i>For Class 52 Rating, Deduct</i>	-1,715.62	
			<i>For Class 54 Rating, Add</i>	2,351.63	
			<i>For Class 55 Rating, Add</i>	3,502.33	
			<i>For Class 56 Rating, Add</i>	4,637.43	
40 05 19 00-3393	EA		18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,042.30	671.17
			<i>For Class 52 Rating, Deduct</i>	-1,762.79	
			<i>For Class 54 Rating, Add</i>	2,416.01	
			<i>For Class 55 Rating, Add</i>	3,598.06	
			<i>For Class 56 Rating, Add</i>	4,764.09	
40 05 19 00-3394	EA		18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,475.27	673.88
			<i>For Class 52 Rating, Deduct</i>	-1,809.97	
			<i>For Class 54 Rating, Add</i>	2,480.39	
			<i>For Class 55 Rating, Add</i>	3,693.80	
			<i>For Class 56 Rating, Add</i>	4,890.76	
40 05 19 00-3395	EA		18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,908.25	676.60
			<i>For Class 52 Rating, Deduct</i>	-1,857.14	
			<i>For Class 54 Rating, Add</i>	2,544.77	
			<i>For Class 55 Rating, Add</i>	3,789.53	
			<i>For Class 56 Rating, Add</i>	5,017.42	
40 05 19 00-3396	EA		18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,341.23	679.30
			<i>For Class 52 Rating, Deduct</i>	-1,904.32	
			<i>For Class 54 Rating, Add</i>	2,609.15	
			<i>For Class 55 Rating, Add</i>	3,885.27	
			<i>For Class 56 Rating, Add</i>	5,144.08	
40 05 19 00-3397	EA		18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,774.20	682.02
			<i>For Class 52 Rating, Deduct</i>	-1,951.49	
			<i>For Class 54 Rating, Add</i>	2,673.53	
			<i>For Class 55 Rating, Add</i>	3,981.01	
			<i>For Class 56 Rating, Add</i>	5,270.75	
40 05 19 00-3398	EA		18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,207.19	684.74
			<i>For Class 52 Rating, Deduct</i>	-1,998.67	
			<i>For Class 54 Rating, Add</i>	2,737.91	
			<i>For Class 55 Rating, Add</i>	4,076.74	
			<i>For Class 56 Rating, Add</i>	5,397.41	
40 05 19 00-3399	EA		18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,640.17	687.44
			<i>For Class 52 Rating, Deduct</i>	-2,045.84	
			<i>For Class 54 Rating, Add</i>	2,802.29	
			<i>For Class 55 Rating, Add</i>	4,172.48	
			<i>For Class 56 Rating, Add</i>	5,524.08	
40 05 19 00-3400			<b>20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3401	EA		20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,217.49	670.09
			<i>For Class 52 Rating, Deduct</i>	-352.24	
			<i>For Class 54 Rating, Add</i>	492.51	
			<i>For Class 55 Rating, Add</i>	738.46	
			<i>For Class 56 Rating, Add</i>	981.20	
40 05 19 00-3402	EA		20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,710.51	672.80
			<i>For Class 52 Rating, Deduct</i>	-406.02	
			<i>For Class 54 Rating, Add</i>	565.90	
			<i>For Class 55 Rating, Add</i>	847.59	
			<i>For Class 56 Rating, Add</i>	1,125.58	
40 05 19 00-3403	EA		20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,203.53	675.50
			<i>For Class 52 Rating, Deduct</i>	-459.80	
			<i>For Class 54 Rating, Add</i>	639.29	
			<i>For Class 55 Rating, Add</i>	956.71	
			<i>For Class 56 Rating, Add</i>	1,269.95	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3404	EA		20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,696.55	678.22
			<i>For Class 52 Rating, Deduct</i>	-513.58	
			<i>For Class 54 Rating, Add</i>	712.67	
			<i>For Class 55 Rating, Add</i>	1,065.84	
			<i>For Class 56 Rating, Add</i>	1,414.33	
40 05 19 00-3405	EA		20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,189.57	680.94
			<i>For Class 52 Rating, Deduct</i>	-567.36	
			<i>For Class 54 Rating, Add</i>	786.06	
			<i>For Class 55 Rating, Add</i>	1,174.96	
			<i>For Class 56 Rating, Add</i>	1,558.71	
40 05 19 00-3406	EA		20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,682.59	683.64
			<i>For Class 52 Rating, Deduct</i>	-621.14	
			<i>For Class 54 Rating, Add</i>	859.44	
			<i>For Class 55 Rating, Add</i>	1,284.09	
			<i>For Class 56 Rating, Add</i>	1,703.08	
40 05 19 00-3407	EA		20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,175.61	686.36
			<i>For Class 52 Rating, Deduct</i>	-674.92	
			<i>For Class 54 Rating, Add</i>	932.83	
			<i>For Class 55 Rating, Add</i>	1,393.21	
			<i>For Class 56 Rating, Add</i>	1,847.46	
40 05 19 00-3408	EA		20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,668.63	689.08
			<i>For Class 52 Rating, Deduct</i>	-728.70	
			<i>For Class 54 Rating, Add</i>	1,006.22	
			<i>For Class 55 Rating, Add</i>	1,502.34	
			<i>For Class 56 Rating, Add</i>	1,991.84	
40 05 19 00-3409	EA		20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,161.65	691.79
			<i>For Class 52 Rating, Deduct</i>	-782.48	
			<i>For Class 54 Rating, Add</i>	1,079.60	
			<i>For Class 55 Rating, Add</i>	1,611.46	
			<i>For Class 56 Rating, Add</i>	2,136.21	
40 05 19 00-3410	EA		20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,654.67	694.49
			<i>For Class 52 Rating, Deduct</i>	-836.26	
			<i>For Class 54 Rating, Add</i>	1,152.99	
			<i>For Class 55 Rating, Add</i>	1,720.59	
			<i>For Class 56 Rating, Add</i>	2,280.59	
40 05 19 00-3411	EA		20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,147.69	697.21
			<i>For Class 52 Rating, Deduct</i>	-890.04	
			<i>For Class 54 Rating, Add</i>	1,226.37	
			<i>For Class 55 Rating, Add</i>	1,829.72	
			<i>For Class 56 Rating, Add</i>	2,424.97	
40 05 19 00-3412	EA		20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,640.71	699.93
			<i>For Class 52 Rating, Deduct</i>	-943.82	
			<i>For Class 54 Rating, Add</i>	1,299.76	
			<i>For Class 55 Rating, Add</i>	1,938.84	
			<i>For Class 56 Rating, Add</i>	2,569.34	
40 05 19 00-3413	EA		20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,133.74	702.63
			<i>For Class 52 Rating, Deduct</i>	-997.60	
			<i>For Class 54 Rating, Add</i>	1,373.14	
			<i>For Class 55 Rating, Add</i>	2,047.97	
			<i>For Class 56 Rating, Add</i>	2,713.72	
40 05 19 00-3414	EA		20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,626.75	705.35
			<i>For Class 52 Rating, Deduct</i>	-1,051.38	
			<i>For Class 54 Rating, Add</i>	1,446.53	
			<i>For Class 55 Rating, Add</i>	2,157.09	
			<i>For Class 56 Rating, Add</i>	2,858.10	
40 05 19 00-3415	EA		20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,119.78	708.07
			<i>For Class 52 Rating, Deduct</i>	-1,105.16	
			<i>For Class 54 Rating, Add</i>	1,519.92	
			<i>For Class 55 Rating, Add</i>	2,266.22	
			<i>For Class 56 Rating, Add</i>	3,002.47	
40 05 19 00-3416	EA		20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,612.80	710.78
			<i>For Class 52 Rating, Deduct</i>	-1,158.94	
			<i>For Class 54 Rating, Add</i>	1,593.30	
			<i>For Class 55 Rating, Add</i>	2,375.34	
			<i>For Class 56 Rating, Add</i>	3,146.85	
40 05 19 00-3417	EA		20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,105.81	713.48
			<i>For Class 52 Rating, Deduct</i>	-1,212.72	
			<i>For Class 54 Rating, Add</i>	1,666.69	
			<i>For Class 55 Rating, Add</i>	2,484.47	
			<i>For Class 56 Rating, Add</i>	3,291.22	





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3418 EA 20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,598.84	716.20
<i>For Class 52 Rating, Deduct</i>	-1,266.50	
<i>For Class 54 Rating, Add</i>	1,740.07	
<i>For Class 55 Rating, Add</i>	2,593.59	
<i>For Class 56 Rating, Add</i>	3,435.60	
40 05 19 00-3419 EA 20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,091.86	718.92
<i>For Class 52 Rating, Deduct</i>	-1,320.28	
<i>For Class 54 Rating, Add</i>	1,813.46	
<i>For Class 55 Rating, Add</i>	2,702.72	
<i>For Class 56 Rating, Add</i>	3,579.98	
40 05 19 00-3420 EA 20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,584.87	721.63
<i>For Class 52 Rating, Deduct</i>	-1,374.07	
<i>For Class 54 Rating, Add</i>	1,886.85	
<i>For Class 55 Rating, Add</i>	2,811.85	
<i>For Class 56 Rating, Add</i>	3,724.35	
40 05 19 00-3421 EA 20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,077.89	724.34
<i>For Class 52 Rating, Deduct</i>	-1,427.84	
<i>For Class 54 Rating, Add</i>	1,960.23	
<i>For Class 55 Rating, Add</i>	2,920.97	
<i>For Class 56 Rating, Add</i>	3,868.73	
40 05 19 00-3422 EA 20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,570.91	727.06
<i>For Class 52 Rating, Deduct</i>	-1,481.62	
<i>For Class 54 Rating, Add</i>	2,033.62	
<i>For Class 55 Rating, Add</i>	3,030.09	
<i>For Class 56 Rating, Add</i>	4,013.10	
40 05 19 00-3423 EA 20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,063.92	729.77
<i>For Class 52 Rating, Deduct</i>	-1,535.40	
<i>For Class 54 Rating, Add</i>	2,107.00	
<i>For Class 55 Rating, Add</i>	3,139.22	
<i>For Class 56 Rating, Add</i>	4,157.48	
40 05 19 00-3424 EA 20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,556.95	732.47
<i>For Class 52 Rating, Deduct</i>	-1,589.18	
<i>For Class 54 Rating, Add</i>	2,180.39	
<i>For Class 55 Rating, Add</i>	3,248.35	
<i>For Class 56 Rating, Add</i>	4,301.86	
40 05 19 00-3425 EA 20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,049.97	735.19
<i>For Class 52 Rating, Deduct</i>	-1,642.96	
<i>For Class 54 Rating, Add</i>	2,253.77	
<i>For Class 55 Rating, Add</i>	3,357.47	
<i>For Class 56 Rating, Add</i>	4,446.23	
40 05 19 00-3426 EA 20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,542.99	737.91
<i>For Class 52 Rating, Deduct</i>	-1,696.74	
<i>For Class 54 Rating, Add</i>	2,327.16	
<i>For Class 55 Rating, Add</i>	3,466.60	
<i>For Class 56 Rating, Add</i>	4,590.61	
40 05 19 00-3427 EA 20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,036.01	740.62
<i>For Class 52 Rating, Deduct</i>	-1,750.52	
<i>For Class 54 Rating, Add</i>	2,400.54	
<i>For Class 55 Rating, Add</i>	3,575.72	
<i>For Class 56 Rating, Add</i>	4,734.99	
40 05 19 00-3428 EA 20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,529.03	743.33
<i>For Class 52 Rating, Deduct</i>	-1,804.30	
<i>For Class 54 Rating, Add</i>	2,473.93	
<i>For Class 55 Rating, Add</i>	3,684.85	
<i>For Class 56 Rating, Add</i>	4,879.36	
40 05 19 00-3429 EA 20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,022.05	746.05
<i>For Class 52 Rating, Deduct</i>	-1,858.08	
<i>For Class 54 Rating, Add</i>	2,547.32	
<i>For Class 55 Rating, Add</i>	3,793.97	
<i>For Class 56 Rating, Add</i>	5,023.74	
40 05 19 00-3430 EA 20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,515.07	748.76
<i>For Class 52 Rating, Deduct</i>	-1,911.86	
<i>For Class 54 Rating, Add</i>	2,620.70	
<i>For Class 55 Rating, Add</i>	3,903.10	
<i>For Class 56 Rating, Add</i>	5,168.12	
40 05 19 00-3431 EA 20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	19,008.09	751.46
<i>For Class 52 Rating, Deduct</i>	-1,965.65	
<i>For Class 54 Rating, Add</i>	2,694.09	
<i>For Class 55 Rating, Add</i>	4,012.22	
<i>For Class 56 Rating, Add</i>	5,312.49	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-3432	EA		20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,501.11	754.18
			<i>For Class 52 Rating, Deduct</i>	-2,019.43	
			<i>For Class 54 Rating, Add</i>	2,767.47	
			<i>For Class 55 Rating, Add</i>	4,121.35	
			<i>For Class 56 Rating, Add</i>	5,456.87	
40 05 19 00-3433	EA		20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,994.13	756.89
			<i>For Class 52 Rating, Deduct</i>	-2,073.21	
			<i>For Class 54 Rating, Add</i>	2,840.86	
			<i>For Class 55 Rating, Add</i>	4,230.48	
			<i>For Class 56 Rating, Add</i>	5,601.24	
40 05 19 00-3434	EA		20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,487.15	759.61
			<i>For Class 52 Rating, Deduct</i>	-2,126.99	
			<i>For Class 54 Rating, Add</i>	2,914.25	
			<i>For Class 55 Rating, Add</i>	4,339.60	
			<i>For Class 56 Rating, Add</i>	5,745.62	
40 05 19 00-3435	EA		20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,980.18	762.32
			<i>For Class 52 Rating, Deduct</i>	-2,180.77	
			<i>For Class 54 Rating, Add</i>	2,987.63	
			<i>For Class 55 Rating, Add</i>	4,448.73	
			<i>For Class 56 Rating, Add</i>	5,890.00	
40 05 19 00-3436	EA		20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,473.19	765.04
			<i>For Class 52 Rating, Deduct</i>	-2,234.55	
			<i>For Class 54 Rating, Add</i>	3,061.02	
			<i>For Class 55 Rating, Add</i>	4,557.85	
			<i>For Class 56 Rating, Add</i>	6,034.37	
40 05 19 00-3437	EA		20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,966.21	767.75
			<i>For Class 52 Rating, Deduct</i>	-2,288.33	
			<i>For Class 54 Rating, Add</i>	3,134.40	
			<i>For Class 55 Rating, Add</i>	4,666.98	
			<i>For Class 56 Rating, Add</i>	6,178.75	
40 05 19 00-3438	EA		20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,459.24	770.45
			<i>For Class 52 Rating, Deduct</i>	-2,342.11	
			<i>For Class 54 Rating, Add</i>	3,207.79	
			<i>For Class 55 Rating, Add</i>	4,776.10	
			<i>For Class 56 Rating, Add</i>	6,323.13	

40 05 19 00-3439 24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-3082)

40 05 19 00-3440	EA		24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,197.29	792.16
			<i>For Class 52 Rating, Deduct</i>	-439.68	
			<i>For Class 54 Rating, Add</i>	613.96	
			<i>For Class 55 Rating, Add</i>	920.15	
			<i>For Class 56 Rating, Add</i>	1,222.34	
40 05 19 00-3441	EA		24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,807.54	794.87
			<i>For Class 52 Rating, Deduct</i>	-506.35	
			<i>For Class 54 Rating, Add</i>	704.93	
			<i>For Class 55 Rating, Add</i>	1,055.41	
			<i>For Class 56 Rating, Add</i>	1,401.30	
40 05 19 00-3442	EA		24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,417.79	797.59
			<i>For Class 52 Rating, Deduct</i>	-573.03	
			<i>For Class 54 Rating, Add</i>	795.90	
			<i>For Class 55 Rating, Add</i>	1,190.68	
			<i>For Class 56 Rating, Add</i>	1,580.25	
40 05 19 00-3443	EA		24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,028.02	800.30
			<i>For Class 52 Rating, Deduct</i>	-639.70	
			<i>For Class 54 Rating, Add</i>	886.87	
			<i>For Class 55 Rating, Add</i>	1,325.95	
			<i>For Class 56 Rating, Add</i>	1,759.21	
40 05 19 00-3444	EA		24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,638.27	803.02
			<i>For Class 52 Rating, Deduct</i>	-706.37	
			<i>For Class 54 Rating, Add</i>	977.84	
			<i>For Class 55 Rating, Add</i>	1,461.21	
			<i>For Class 56 Rating, Add</i>	1,938.17	
40 05 19 00-3445	EA		24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,248.52	805.73
			<i>For Class 52 Rating, Deduct</i>	-773.05	
			<i>For Class 54 Rating, Add</i>	1,068.81	
			<i>For Class 55 Rating, Add</i>	1,596.48	
			<i>For Class 56 Rating, Add</i>	2,117.13	



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	40
<b>Ductile Iron Process Pipe 40 05 19</b>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3446 EA 24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,858.76	808.45
<i>For Class 52 Rating, Deduct</i>	-839.72	
<i>For Class 54 Rating, Add</i>	1,159.78	
<i>For Class 55 Rating, Add</i>	1,731.75	
<i>For Class 56 Rating, Add</i>	2,296.08	
40 05 19 00-3447 EA 24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,469.00	811.15
<i>For Class 52 Rating, Deduct</i>	-906.40	
<i>For Class 54 Rating, Add</i>	1,250.75	
<i>For Class 55 Rating, Add</i>	1,867.01	
<i>For Class 56 Rating, Add</i>	2,475.04	
40 05 19 00-3448 EA 24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,079.25	813.86
<i>For Class 52 Rating, Deduct</i>	-973.07	
<i>For Class 54 Rating, Add</i>	1,341.72	
<i>For Class 55 Rating, Add</i>	2,002.28	
<i>For Class 56 Rating, Add</i>	2,654.00	
40 05 19 00-3449 EA 24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,689.50	816.58
<i>For Class 52 Rating, Deduct</i>	-1,039.75	
<i>For Class 54 Rating, Add</i>	1,432.68	
<i>For Class 55 Rating, Add</i>	2,137.55	
<i>For Class 56 Rating, Add</i>	2,832.95	
40 05 19 00-3450 EA 24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,299.73	819.29
<i>For Class 52 Rating, Deduct</i>	-1,106.42	
<i>For Class 54 Rating, Add</i>	1,523.65	
<i>For Class 55 Rating, Add</i>	2,272.81	
<i>For Class 56 Rating, Add</i>	3,011.91	
40 05 19 00-3451 EA 24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,909.98	822.01
<i>For Class 52 Rating, Deduct</i>	-1,173.10	
<i>For Class 54 Rating, Add</i>	1,614.62	
<i>For Class 55 Rating, Add</i>	2,408.08	
<i>For Class 56 Rating, Add</i>	3,190.87	
40 05 19 00-3452 EA 24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,520.23	824.72
<i>For Class 52 Rating, Deduct</i>	-1,239.77	
<i>For Class 54 Rating, Add</i>	1,705.59	
<i>For Class 55 Rating, Add</i>	2,543.34	
<i>For Class 56 Rating, Add</i>	3,369.83	
40 05 19 00-3453 EA 24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,130.46	827.44
<i>For Class 52 Rating, Deduct</i>	-1,306.45	
<i>For Class 54 Rating, Add</i>	1,796.56	
<i>For Class 55 Rating, Add</i>	2,678.61	
<i>For Class 56 Rating, Add</i>	3,548.78	
40 05 19 00-3454 EA 24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,740.71	830.14
<i>For Class 52 Rating, Deduct</i>	-1,373.12	
<i>For Class 54 Rating, Add</i>	1,887.53	
<i>For Class 55 Rating, Add</i>	2,813.88	
<i>For Class 56 Rating, Add</i>	3,727.74	
40 05 19 00-3455 EA 24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,350.96	832.85
<i>For Class 52 Rating, Deduct</i>	-1,439.80	
<i>For Class 54 Rating, Add</i>	1,978.50	
<i>For Class 55 Rating, Add</i>	2,949.14	
<i>For Class 56 Rating, Add</i>	3,906.70	
40 05 19 00-3456 EA 24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,961.19	835.57
<i>For Class 52 Rating, Deduct</i>	-1,506.47	
<i>For Class 54 Rating, Add</i>	2,069.47	
<i>For Class 55 Rating, Add</i>	3,084.41	
<i>For Class 56 Rating, Add</i>	4,085.65	
40 05 19 00-3457 EA 24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,571.44	838.28
<i>For Class 52 Rating, Deduct</i>	-1,573.15	
<i>For Class 54 Rating, Add</i>	2,160.44	
<i>For Class 55 Rating, Add</i>	3,219.68	
<i>For Class 56 Rating, Add</i>	4,264.61	
40 05 19 00-3458 EA 24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,181.69	841.00
<i>For Class 52 Rating, Deduct</i>	-1,639.82	
<i>For Class 54 Rating, Add</i>	2,251.41	
<i>For Class 55 Rating, Add</i>	3,354.94	
<i>For Class 56 Rating, Add</i>	4,443.57	
40 05 19 00-3459 EA 24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,791.94	843.71
<i>For Class 52 Rating, Deduct</i>	-1,706.49	
<i>For Class 54 Rating, Add</i>	2,342.38	
<i>For Class 55 Rating, Add</i>	3,490.21	
<i>For Class 56 Rating, Add</i>	4,622.53	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3460	EA	24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,402.17		846.43
		<i>For Class 52 Rating, Deduct</i>	-1,773.17		
		<i>For Class 54 Rating, Add</i>	2,433.35		
		<i>For Class 55 Rating, Add</i>	3,625.48		
		<i>For Class 56 Rating, Add</i>	4,801.49		
40 05 19 00-3461	EA	24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,012.42		849.13
		<i>For Class 52 Rating, Deduct</i>	-1,839.84		
		<i>For Class 54 Rating, Add</i>	2,524.32		
		<i>For Class 55 Rating, Add</i>	3,760.74		
		<i>For Class 56 Rating, Add</i>	4,980.44		
40 05 19 00-3462	EA	24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,622.67		851.84
		<i>For Class 52 Rating, Deduct</i>	-1,906.52		
		<i>For Class 54 Rating, Add</i>	2,615.29		
		<i>For Class 55 Rating, Add</i>	3,896.01		
		<i>For Class 56 Rating, Add</i>	5,159.40		
40 05 19 00-3463	EA	24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,232.90		854.56
		<i>For Class 52 Rating, Deduct</i>	-1,973.19		
		<i>For Class 54 Rating, Add</i>	2,706.26		
		<i>For Class 55 Rating, Add</i>	4,031.28		
		<i>For Class 56 Rating, Add</i>	5,338.36		
40 05 19 00-3464	EA	24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,843.15		857.28
		<i>For Class 52 Rating, Deduct</i>	-2,039.87		
		<i>For Class 54 Rating, Add</i>	2,797.22		
		<i>For Class 55 Rating, Add</i>	4,166.54		
		<i>For Class 56 Rating, Add</i>	5,517.31		
40 05 19 00-3465	EA	24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,453.40		859.99
		<i>For Class 52 Rating, Deduct</i>	-2,106.54		
		<i>For Class 54 Rating, Add</i>	2,888.19		
		<i>For Class 55 Rating, Add</i>	4,301.81		
		<i>For Class 56 Rating, Add</i>	5,696.27		
40 05 19 00-3466	EA	24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,063.64		862.70
		<i>For Class 52 Rating, Deduct</i>	-2,173.22		
		<i>For Class 54 Rating, Add</i>	2,979.16		
		<i>For Class 55 Rating, Add</i>	4,437.07		
		<i>For Class 56 Rating, Add</i>	5,875.23		
40 05 19 00-3467	EA	24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,673.88		865.42
		<i>For Class 52 Rating, Deduct</i>	-2,239.89		
		<i>For Class 54 Rating, Add</i>	3,070.13		
		<i>For Class 55 Rating, Add</i>	4,572.34		
		<i>For Class 56 Rating, Add</i>	6,054.19		
40 05 19 00-3468	EA	24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,284.13		868.12
		<i>For Class 52 Rating, Deduct</i>	-2,306.57		
		<i>For Class 54 Rating, Add</i>	3,161.10		
		<i>For Class 55 Rating, Add</i>	4,707.61		
		<i>For Class 56 Rating, Add</i>	6,233.15		
40 05 19 00-3469	EA	24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,964.25		916.95
		<i>For Class 52 Rating, Deduct</i>	-2,373.24		
		<i>For Class 54 Rating, Add</i>	3,252.91		
		<i>For Class 55 Rating, Add</i>	4,844.55		
		<i>For Class 56 Rating, Add</i>	6,414.62		
40 05 19 00-3470	EA	24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,574.49		919.67
		<i>For Class 52 Rating, Deduct</i>	-2,439.92		
		<i>For Class 54 Rating, Add</i>	3,343.88		
		<i>For Class 55 Rating, Add</i>	4,979.82		
		<i>For Class 56 Rating, Add</i>	6,593.57		
40 05 19 00-3471	EA	24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,184.74		922.39
		<i>For Class 52 Rating, Deduct</i>	-2,506.59		
		<i>For Class 54 Rating, Add</i>	3,434.85		
		<i>For Class 55 Rating, Add</i>	5,115.08		
		<i>For Class 56 Rating, Add</i>	6,772.53		
40 05 19 00-3472	EA	24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,794.98		925.10
		<i>For Class 52 Rating, Deduct</i>	-2,573.27		
		<i>For Class 54 Rating, Add</i>	3,525.82		
		<i>For Class 55 Rating, Add</i>	5,250.35		
		<i>For Class 56 Rating, Add</i>	6,951.49		
40 05 19 00-3473	EA	24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	25,405.22		927.80
		<i>For Class 52 Rating, Deduct</i>	-2,639.94		
		<i>For Class 54 Rating, Add</i>	3,616.79		
		<i>For Class 55 Rating, Add</i>	5,385.62		
		<i>For Class 56 Rating, Add</i>	7,130.45		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3474 EA 24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	28,874.59	930.52
For Class 52 Rating, Deduct	-3,021.12	
For Class 54 Rating, Add	4,136.63	
For Class 55 Rating, Add	6,158.47	
For Class 56 Rating, Add	8,152.85	
40 05 19 00-3475 EA 24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	26,625.71	933.24
For Class 52 Rating, Deduct	-2,773.29	
For Class 54 Rating, Add	3,798.73	
For Class 55 Rating, Add	5,656.15	
For Class 56 Rating, Add	7,488.36	
40 05 19 00-3476 EA 24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	27,235.95	935.94
For Class 52 Rating, Deduct	-2,839.96	
For Class 54 Rating, Add	3,889.69	
For Class 55 Rating, Add	5,791.41	
For Class 56 Rating, Add	7,667.32	
40 05 19 00-3477 EA 24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	27,846.20	938.66
For Class 52 Rating, Deduct	-2,906.64	
For Class 54 Rating, Add	3,980.67	
For Class 55 Rating, Add	5,926.68	
For Class 56 Rating, Add	7,846.28	
<b>40 05 19 00-3478 30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3479 EA 30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,824.15	1,117.71
For Class 52 Rating, Deduct	-784.37	
For Class 54 Rating, Add	1,089.92	
For Class 55 Rating, Add	1,630.78	
For Class 56 Rating, Add	2,164.51	
40 05 19 00-3480 EA 30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,697.43	1,120.42
For Class 52 Rating, Deduct	-879.98	
For Class 54 Rating, Add	1,220.34	
For Class 55 Rating, Add	1,824.70	
For Class 56 Rating, Add	2,421.06	
40 05 19 00-3481 EA 30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,570.71	1,123.14
For Class 52 Rating, Deduct	-975.59	
For Class 54 Rating, Add	1,350.77	
For Class 55 Rating, Add	2,018.63	
For Class 56 Rating, Add	2,677.61	
40 05 19 00-3482 EA 30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,444.00	1,125.85
For Class 52 Rating, Deduct	-1,071.20	
For Class 54 Rating, Add	1,481.19	
For Class 55 Rating, Add	2,212.55	
For Class 56 Rating, Add	2,934.17	
40 05 19 00-3483 EA 30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,317.28	1,128.57
For Class 52 Rating, Deduct	-1,166.81	
For Class 54 Rating, Add	1,611.62	
For Class 55 Rating, Add	2,406.48	
For Class 56 Rating, Add	3,190.72	
40 05 19 00-3484 EA 30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,190.56	1,131.28
For Class 52 Rating, Deduct	-1,262.42	
For Class 54 Rating, Add	1,742.05	
For Class 55 Rating, Add	2,600.40	
For Class 56 Rating, Add	3,447.28	
40 05 19 00-3485 EA 30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,063.85	1,133.98
For Class 52 Rating, Deduct	-1,358.02	
For Class 54 Rating, Add	1,872.47	
For Class 55 Rating, Add	2,794.32	
For Class 56 Rating, Add	3,703.83	
40 05 19 00-3486 EA 30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,937.12	1,136.70
For Class 52 Rating, Deduct	-1,453.63	
For Class 54 Rating, Add	2,002.89	
For Class 55 Rating, Add	2,988.25	
For Class 56 Rating, Add	3,960.38	
40 05 19 00-3487 EA 30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,810.41	1,139.41
For Class 52 Rating, Deduct	-1,549.24	
For Class 54 Rating, Add	2,133.32	
For Class 55 Rating, Add	3,182.17	
For Class 56 Rating, Add	4,216.94	



## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3488	EA	30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,683.70		1,142.13
		<i>For Class 52 Rating, Deduct</i>	-1,644.85		
		<i>For Class 54 Rating, Add</i>	2,263.75		
		<i>For Class 55 Rating, Add</i>	3,376.10		
		<i>For Class 56 Rating, Add</i>	4,473.49		
40 05 19 00-3489	EA	30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,556.97		1,144.84
		<i>For Class 52 Rating, Deduct</i>	-1,740.46		
		<i>For Class 54 Rating, Add</i>	2,394.17		
		<i>For Class 55 Rating, Add</i>	3,570.02		
		<i>For Class 56 Rating, Add</i>	4,730.04		
40 05 19 00-3490	EA	30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,430.25		1,147.56
		<i>For Class 52 Rating, Deduct</i>	-1,836.07		
		<i>For Class 54 Rating, Add</i>	2,524.60		
		<i>For Class 55 Rating, Add</i>	3,763.94		
		<i>For Class 56 Rating, Add</i>	4,986.60		
40 05 19 00-3491	EA	30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,303.55		1,150.27
		<i>For Class 52 Rating, Deduct</i>	-1,931.68		
		<i>For Class 54 Rating, Add</i>	2,655.02		
		<i>For Class 55 Rating, Add</i>	3,957.87		
		<i>For Class 56 Rating, Add</i>	5,243.15		
40 05 19 00-3492	EA	30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,176.83		1,152.97
		<i>For Class 52 Rating, Deduct</i>	-2,027.29		
		<i>For Class 54 Rating, Add</i>	2,785.45		
		<i>For Class 55 Rating, Add</i>	4,151.79		
		<i>For Class 56 Rating, Add</i>	5,499.71		
40 05 19 00-3493	EA	30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,050.10		1,155.69
		<i>For Class 52 Rating, Deduct</i>	-2,122.90		
		<i>For Class 54 Rating, Add</i>	2,915.87		
		<i>For Class 55 Rating, Add</i>	4,345.72		
		<i>For Class 56 Rating, Add</i>	5,756.26		
40 05 19 00-3494	EA	30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,923.39		1,158.40
		<i>For Class 52 Rating, Deduct</i>	-2,218.51		
		<i>For Class 54 Rating, Add</i>	3,046.30		
		<i>For Class 55 Rating, Add</i>	4,539.64		
		<i>For Class 56 Rating, Add</i>	6,012.81		
40 05 19 00-3495	EA	30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,796.67		1,161.11
		<i>For Class 52 Rating, Deduct</i>	-2,314.11		
		<i>For Class 54 Rating, Add</i>	3,176.72		
		<i>For Class 55 Rating, Add</i>	4,733.56		
		<i>For Class 56 Rating, Add</i>	6,269.37		
40 05 19 00-3496	EA	30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,669.95		1,163.83
		<i>For Class 52 Rating, Deduct</i>	-2,409.72		
		<i>For Class 54 Rating, Add</i>	3,307.15		
		<i>For Class 55 Rating, Add</i>	4,927.49		
		<i>For Class 56 Rating, Add</i>	6,525.92		
40 05 19 00-3497	EA	30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,543.24		1,166.55
		<i>For Class 52 Rating, Deduct</i>	-2,505.33		
		<i>For Class 54 Rating, Add</i>	3,437.57		
		<i>For Class 55 Rating, Add</i>	5,121.41		
		<i>For Class 56 Rating, Add</i>	6,782.48		
40 05 19 00-3498	EA	30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	25,416.52		1,169.26
		<i>For Class 52 Rating, Deduct</i>	-2,600.94		
		<i>For Class 54 Rating, Add</i>	3,568.00		
		<i>For Class 55 Rating, Add</i>	5,315.34		
		<i>For Class 56 Rating, Add</i>	7,039.03		
40 05 19 00-3499	EA	30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	26,289.80		1,171.96
		<i>For Class 52 Rating, Deduct</i>	-2,696.55		
		<i>For Class 54 Rating, Add</i>	3,698.42		
		<i>For Class 55 Rating, Add</i>	5,509.26		
		<i>For Class 56 Rating, Add</i>	7,295.58		
40 05 19 00-3500	EA	30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	27,163.09		1,174.68
		<i>For Class 52 Rating, Deduct</i>	-2,792.16		
		<i>For Class 54 Rating, Add</i>	3,828.85		
		<i>For Class 55 Rating, Add</i>	5,703.18		
		<i>For Class 56 Rating, Add</i>	7,552.14		
40 05 19 00-3501	EA	30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	28,036.37		1,177.39
		<i>For Class 52 Rating, Deduct</i>	-2,887.77		
		<i>For Class 54 Rating, Add</i>	3,959.27		
		<i>For Class 55 Rating, Add</i>	5,897.11		
		<i>For Class 56 Rating, Add</i>	7,808.69		



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3502 EA 30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	28,909.66	1,180.10
<i>For Class 52 Rating, Deduct</i>	-2,983.38	
<i>For Class 54 Rating, Add</i>	4,089.70	
<i>For Class 55 Rating, Add</i>	6,091.03	
<i>For Class 56 Rating, Add</i>	8,065.24	
40 05 19 00-3503 EA 30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	29,782.93	1,182.82
<i>For Class 52 Rating, Deduct</i>	-3,078.99	
<i>For Class 54 Rating, Add</i>	4,220.12	
<i>For Class 55 Rating, Add</i>	6,284.96	
<i>For Class 56 Rating, Add</i>	8,321.80	
40 05 19 00-3504 EA 30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,656.22	1,185.54
<i>For Class 52 Rating, Deduct</i>	-3,174.60	
<i>For Class 54 Rating, Add</i>	4,350.55	
<i>For Class 55 Rating, Add</i>	6,478.88	
<i>For Class 56 Rating, Add</i>	8,578.35	
40 05 19 00-3505 EA 30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,529.51	1,188.25
<i>For Class 52 Rating, Deduct</i>	-3,270.20	
<i>For Class 54 Rating, Add</i>	4,480.97	
<i>For Class 55 Rating, Add</i>	6,672.81	
<i>For Class 56 Rating, Add</i>	8,834.91	
40 05 19 00-3506 EA 30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,402.78	1,190.95
<i>For Class 52 Rating, Deduct</i>	-3,365.81	
<i>For Class 54 Rating, Add</i>	4,611.40	
<i>For Class 55 Rating, Add</i>	6,866.73	
<i>For Class 56 Rating, Add</i>	9,091.46	
40 05 19 00-3507 EA 30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	33,276.06	1,193.67
<i>For Class 52 Rating, Deduct</i>	-3,461.42	
<i>For Class 54 Rating, Add</i>	4,741.82	
<i>For Class 55 Rating, Add</i>	7,060.65	
<i>For Class 56 Rating, Add</i>	9,348.01	
40 05 19 00-3508 EA 30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,149.36	1,196.39
<i>For Class 52 Rating, Deduct</i>	-3,557.03	
<i>For Class 54 Rating, Add</i>	4,872.25	
<i>For Class 55 Rating, Add</i>	7,254.58	
<i>For Class 56 Rating, Add</i>	9,604.57	
40 05 19 00-3509 EA 30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,022.63	1,199.09
<i>For Class 52 Rating, Deduct</i>	-3,652.64	
<i>For Class 54 Rating, Add</i>	5,002.67	
<i>For Class 55 Rating, Add</i>	7,448.50	
<i>For Class 56 Rating, Add</i>	9,861.12	
40 05 19 00-3510 EA 30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,895.91	1,201.81
<i>For Class 52 Rating, Deduct</i>	-3,748.25	
<i>For Class 54 Rating, Add</i>	5,133.10	
<i>For Class 55 Rating, Add</i>	7,642.42	
<i>For Class 56 Rating, Add</i>	10,117.68	
40 05 19 00-3511 EA 30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,769.20	1,204.53
<i>For Class 52 Rating, Deduct</i>	-3,843.86	
<i>For Class 54 Rating, Add</i>	5,263.52	
<i>For Class 55 Rating, Add</i>	7,836.35	
<i>For Class 56 Rating, Add</i>	10,374.23	
40 05 19 00-3512 EA 30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,642.48	1,207.24
<i>For Class 52 Rating, Deduct</i>	-3,939.47	
<i>For Class 54 Rating, Add</i>	5,393.95	
<i>For Class 55 Rating, Add</i>	8,030.27	
<i>For Class 56 Rating, Add</i>	10,630.78	
40 05 19 00-3513 EA 30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,515.76	1,209.94
<i>For Class 52 Rating, Deduct</i>	-4,035.08	
<i>For Class 54 Rating, Add</i>	5,524.38	
<i>For Class 55 Rating, Add</i>	8,224.20	
<i>For Class 56 Rating, Add</i>	10,887.34	
<b>40 05 19 00-3514 36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3515 EA 36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,026.08	1,416.13
<i>For Class 52 Rating, Deduct</i>	-976.85	
<i>For Class 54 Rating, Add</i>	1,357.81	
<i>For Class 55 Rating, Add</i>	2,031.83	
<i>For Class 56 Rating, Add</i>	2,696.97	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3516	EA	36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		12,196.70	1,418.84
		<i>For Class 52 Rating, Deduct</i>		-1,105.16	
		<i>For Class 54 Rating, Add</i>		1,532.84	
		<i>For Class 55 Rating, Add</i>		2,292.06	
		<i>For Class 56 Rating, Add</i>		3,041.24	
40 05 19 00-3517	EA	36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		13,367.34	1,421.55
		<i>For Class 52 Rating, Deduct</i>		-1,233.48	
		<i>For Class 54 Rating, Add</i>		1,707.87	
		<i>For Class 55 Rating, Add</i>		2,552.30	
		<i>For Class 56 Rating, Add</i>		3,385.51	
40 05 19 00-3518	EA	36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		14,537.97	1,424.27
		<i>For Class 52 Rating, Deduct</i>		-1,361.80	
		<i>For Class 54 Rating, Add</i>		1,882.89	
		<i>For Class 55 Rating, Add</i>		2,812.53	
		<i>For Class 56 Rating, Add</i>		3,729.78	
40 05 19 00-3519	EA	36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		15,708.60	1,426.98
		<i>For Class 52 Rating, Deduct</i>		-1,490.12	
		<i>For Class 54 Rating, Add</i>		2,057.92	
		<i>For Class 55 Rating, Add</i>		3,072.76	
		<i>For Class 56 Rating, Add</i>		4,074.06	
40 05 19 00-3520	EA	36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		16,879.23	1,429.69
		<i>For Class 52 Rating, Deduct</i>		-1,618.43	
		<i>For Class 54 Rating, Add</i>		2,232.95	
		<i>For Class 55 Rating, Add</i>		3,332.99	
		<i>For Class 56 Rating, Add</i>		4,418.33	
40 05 19 00-3521	EA	36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		18,049.86	1,432.41
		<i>For Class 52 Rating, Deduct</i>		-1,746.75	
		<i>For Class 54 Rating, Add</i>		2,407.98	
		<i>For Class 55 Rating, Add</i>		3,593.23	
		<i>For Class 56 Rating, Add</i>		4,762.60	
40 05 19 00-3522	EA	36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		19,220.50	1,435.12
		<i>For Class 52 Rating, Deduct</i>		-1,875.07	
		<i>For Class 54 Rating, Add</i>		2,583.00	
		<i>For Class 55 Rating, Add</i>		3,853.46	
		<i>For Class 56 Rating, Add</i>		5,106.87	
40 05 19 00-3523	EA	36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		20,391.12	1,437.83
		<i>For Class 52 Rating, Deduct</i>		-2,003.38	
		<i>For Class 54 Rating, Add</i>		2,758.03	
		<i>For Class 55 Rating, Add</i>		4,113.69	
		<i>For Class 56 Rating, Add</i>		5,451.14	
40 05 19 00-3524	EA	36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		21,561.76	1,440.54
		<i>For Class 52 Rating, Deduct</i>		-2,131.70	
		<i>For Class 54 Rating, Add</i>		2,933.06	
		<i>For Class 55 Rating, Add</i>		4,373.93	
		<i>For Class 56 Rating, Add</i>		5,795.42	
40 05 19 00-3525	EA	36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		22,732.40	1,443.25
		<i>For Class 52 Rating, Deduct</i>		-2,260.02	
		<i>For Class 54 Rating, Add</i>		3,108.09	
		<i>For Class 55 Rating, Add</i>		4,634.16	
		<i>For Class 56 Rating, Add</i>		6,139.69	
40 05 19 00-3526	EA	36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		23,903.02	1,445.97
		<i>For Class 52 Rating, Deduct</i>		-2,388.34	
		<i>For Class 54 Rating, Add</i>		3,283.11	
		<i>For Class 55 Rating, Add</i>		4,894.39	
		<i>For Class 56 Rating, Add</i>		6,483.96	
40 05 19 00-3527	EA	36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		25,073.65	1,448.68
		<i>For Class 52 Rating, Deduct</i>		-2,516.65	
		<i>For Class 54 Rating, Add</i>		3,458.14	
		<i>For Class 55 Rating, Add</i>		5,154.62	
		<i>For Class 56 Rating, Add</i>		6,828.23	
40 05 19 00-3528	EA	36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		26,244.29	1,451.40
		<i>For Class 52 Rating, Deduct</i>		-2,644.97	
		<i>For Class 54 Rating, Add</i>		3,633.17	
		<i>For Class 55 Rating, Add</i>		5,414.86	
		<i>For Class 56 Rating, Add</i>		7,172.50	
40 05 19 00-3529	EA	36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		27,414.92	1,454.11
		<i>For Class 52 Rating, Deduct</i>		-2,773.29	
		<i>For Class 54 Rating, Add</i>		3,808.20	
		<i>For Class 55 Rating, Add</i>		5,675.09	
		<i>For Class 56 Rating, Add</i>		7,516.77	



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Ductile Iron Process Pipe</b> <b>40 05 19</b>

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3530 EA 36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	28,585.54	1,456.82
For Class 52 Rating, Deduct	-2,901.61	
For Class 54 Rating, Add	3,983.22	
For Class 55 Rating, Add	5,935.32	
For Class 56 Rating, Add	7,861.04	
40 05 19 00-3531 EA 36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	29,756.18	1,459.53
For Class 52 Rating, Deduct	-3,029.92	
For Class 54 Rating, Add	4,158.25	
For Class 55 Rating, Add	6,195.56	
For Class 56 Rating, Add	8,205.32	
40 05 19 00-3532 EA 36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	30,926.81	1,462.24
For Class 52 Rating, Deduct	-3,158.24	
For Class 54 Rating, Add	4,333.28	
For Class 55 Rating, Add	6,455.79	
For Class 56 Rating, Add	8,549.59	
40 05 19 00-3533 EA 36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	32,097.43	1,464.96
For Class 52 Rating, Deduct	-3,286.56	
For Class 54 Rating, Add	4,508.31	
For Class 55 Rating, Add	6,716.02	
For Class 56 Rating, Add	8,893.86	
40 05 19 00-3534 EA 36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	33,268.07	1,467.68
For Class 52 Rating, Deduct	-3,414.88	
For Class 54 Rating, Add	4,683.33	
For Class 55 Rating, Add	6,976.25	
For Class 56 Rating, Add	9,238.13	
40 05 19 00-3535 EA 36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	34,438.71	1,470.39
For Class 52 Rating, Deduct	-3,543.19	
For Class 54 Rating, Add	4,858.36	
For Class 55 Rating, Add	7,236.49	
For Class 56 Rating, Add	9,582.40	
40 05 19 00-3536 EA 36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	35,609.33	1,473.10
For Class 52 Rating, Deduct	-3,671.51	
For Class 54 Rating, Add	5,033.39	
For Class 55 Rating, Add	7,496.72	
For Class 56 Rating, Add	9,926.67	
40 05 19 00-3537 EA 36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	36,779.97	1,475.81
For Class 52 Rating, Deduct	-3,799.83	
For Class 54 Rating, Add	5,208.42	
For Class 55 Rating, Add	7,756.95	
For Class 56 Rating, Add	10,270.95	
40 05 19 00-3538 EA 36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	37,950.60	1,478.52
For Class 52 Rating, Deduct	-3,928.15	
For Class 54 Rating, Add	5,383.44	
For Class 55 Rating, Add	8,017.19	
For Class 56 Rating, Add	10,615.22	
40 05 19 00-3539 EA 36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	39,121.22	1,481.23
For Class 52 Rating, Deduct	-4,056.46	
For Class 54 Rating, Add	5,558.47	
For Class 55 Rating, Add	8,277.42	
For Class 56 Rating, Add	10,959.49	
40 05 19 00-3540 EA 36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	40,291.86	1,483.95
For Class 52 Rating, Deduct	-4,184.78	
For Class 54 Rating, Add	5,733.50	
For Class 55 Rating, Add	8,537.65	
For Class 56 Rating, Add	11,303.76	
40 05 19 00-3541 EA 36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	41,462.49	1,486.67
For Class 52 Rating, Deduct	-4,313.10	
For Class 54 Rating, Add	5,908.53	
For Class 55 Rating, Add	8,797.88	
For Class 56 Rating, Add	11,648.03	
40 05 19 00-3542 EA 36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	42,633.13	1,489.38
For Class 52 Rating, Deduct	-4,441.41	
For Class 54 Rating, Add	6,083.55	
For Class 55 Rating, Add	9,058.12	
For Class 56 Rating, Add	11,992.30	
40 05 19 00-3543 EA 36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	43,803.75	1,492.09
For Class 52 Rating, Deduct	-4,569.73	
For Class 54 Rating, Add	6,258.58	
For Class 55 Rating, Add	9,318.35	
For Class 56 Rating, Add	12,336.57	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3544	EA		36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	44,974.38	1,494.80
			<i>For Class 52 Rating, Deduct</i>	-4,698.05	
			<i>For Class 54 Rating, Add</i>	6,433.61	
			<i>For Class 55 Rating, Add</i>	9,578.58	
			<i>For Class 56 Rating, Add</i>	12,680.85	
40 05 19 00-3545	EA		36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	46,145.03	1,497.51
			<i>For Class 52 Rating, Deduct</i>	-4,826.37	
			<i>For Class 54 Rating, Add</i>	6,608.64	
			<i>For Class 55 Rating, Add</i>	9,838.82	
			<i>For Class 56 Rating, Add</i>	13,025.12	
40 05 19 00-3546	EA		36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	47,315.65	1,500.22
			<i>For Class 52 Rating, Deduct</i>	-4,954.68	
			<i>For Class 54 Rating, Add</i>	6,783.66	
			<i>For Class 55 Rating, Add</i>	10,099.05	
			<i>For Class 56 Rating, Add</i>	13,369.39	
40 05 19 00-3547	EA		36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	48,486.28	1,502.94
			<i>For Class 52 Rating, Deduct</i>	-5,083.00	
			<i>For Class 54 Rating, Add</i>	6,958.69	
			<i>For Class 55 Rating, Add</i>	10,359.28	
			<i>For Class 56 Rating, Add</i>	13,713.66	
40 05 19 00-3548	EA		36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	49,656.92	1,505.66
			<i>For Class 52 Rating, Deduct</i>	-5,211.32	
			<i>For Class 54 Rating, Add</i>	7,133.72	
			<i>For Class 55 Rating, Add</i>	10,619.51	
			<i>For Class 56 Rating, Add</i>	14,057.93	
40 05 19 00-3549	EA		36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	50,827.54	1,508.37
			<i>For Class 52 Rating, Deduct</i>	-5,339.64	
			<i>For Class 54 Rating, Add</i>	7,308.75	
			<i>For Class 55 Rating, Add</i>	10,879.75	
			<i>For Class 56 Rating, Add</i>	14,402.21	
40 05 19 00-3550			<b>42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3551	EA		42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,610.05	1,785.08
			<i>For Class 52 Rating, Deduct</i>	-1,309.59	
			<i>For Class 54 Rating, Add</i>	1,818.26	
			<i>For Class 55 Rating, Add</i>	2,719.81	
			<i>For Class 56 Rating, Add</i>	3,609.46	
40 05 19 00-3552	EA		42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,335.35	1,787.79
			<i>For Class 52 Rating, Deduct</i>	-1,498.92	
			<i>For Class 54 Rating, Add</i>	2,076.49	
			<i>For Class 55 Rating, Add</i>	3,103.74	
			<i>For Class 56 Rating, Add</i>	4,117.35	
40 05 19 00-3553	EA		42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,046.34	1,790.51
			<i>For Class 52 Rating, Deduct</i>	-1,686.68	
			<i>For Class 54 Rating, Add</i>	2,332.57	
			<i>For Class 55 Rating, Add</i>	3,484.47	
			<i>For Class 56 Rating, Add</i>	4,621.03	
40 05 19 00-3554	EA		42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,774.51	1,793.22
			<i>For Class 52 Rating, Deduct</i>	-1,876.33	
			<i>For Class 54 Rating, Add</i>	2,591.23	
			<i>For Class 55 Rating, Add</i>	3,869.03	
			<i>For Class 56 Rating, Add</i>	5,129.78	
40 05 19 00-3555	EA		42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,491.23	1,795.94
			<i>For Class 52 Rating, Deduct</i>	-2,064.71	
			<i>For Class 54 Rating, Add</i>	2,848.17	
			<i>For Class 55 Rating, Add</i>	4,251.04	
			<i>For Class 56 Rating, Add</i>	5,635.15	
40 05 19 00-3556	EA		42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,225.11	1,798.64
			<i>For Class 52 Rating, Deduct</i>	-2,254.99	
			<i>For Class 54 Rating, Add</i>	3,107.69	
			<i>For Class 55 Rating, Add</i>	4,636.88	
			<i>For Class 56 Rating, Add</i>	6,145.58	
40 05 19 00-3557	EA		42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,941.83	1,801.35
			<i>For Class 52 Rating, Deduct</i>	-2,443.38	
			<i>For Class 54 Rating, Add</i>	3,364.63	
			<i>For Class 55 Rating, Add</i>	5,018.89	
			<i>For Class 56 Rating, Add</i>	6,650.94	





<b>Process Interconnections</b> <span style="float: right;"><b>40</b></span>
<b>Common Work Results For Process Interconnections</b> <span style="float: right;"><b>40 05</b></span>
Ductile Iron Process Pipe <b>40 05 19</b>

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3558 EA 42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	26,678.57	1,804.07
<i>For Class 52 Rating, Deduct</i>	-2,633.96	
<i>For Class 54 Rating, Add</i>	3,624.57	
<i>For Class 55 Rating, Add</i>	5,405.37	
<i>For Class 56 Rating, Add</i>	7,162.22	
40 05 19 00-3559 EA 42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	28,398.16	1,806.79
<i>For Class 52 Rating, Deduct</i>	-2,822.67	
<i>For Class 54 Rating, Add</i>	3,881.94	
<i>For Class 55 Rating, Add</i>	5,788.02	
<i>For Class 56 Rating, Add</i>	7,668.43	
40 05 19 00-3560 EA 42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,137.75	1,809.50
<i>For Class 52 Rating, Deduct</i>	-3,013.57	
<i>For Class 54 Rating, Add</i>	4,142.31	
<i>For Class 55 Rating, Add</i>	6,175.13	
<i>For Class 56 Rating, Add</i>	8,180.55	
40 05 19 00-3561 EA 42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,857.33	1,812.21
<i>For Class 52 Rating, Deduct</i>	-3,202.27	
<i>For Class 54 Rating, Add</i>	4,399.68	
<i>For Class 55 Rating, Add</i>	6,557.78	
<i>For Class 56 Rating, Add</i>	8,686.76	
40 05 19 00-3562 EA 42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	33,596.94	1,814.93
<i>For Class 52 Rating, Deduct</i>	-3,393.18	
<i>For Class 54 Rating, Add</i>	4,660.06	
<i>For Class 55 Rating, Add</i>	6,944.89	
<i>For Class 56 Rating, Add</i>	9,198.88	
40 05 19 00-3563 EA 42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,319.37	1,817.63
<i>For Class 52 Rating, Deduct</i>	-3,582.19	
<i>For Class 54 Rating, Add</i>	4,917.85	
<i>For Class 55 Rating, Add</i>	7,328.18	
<i>For Class 56 Rating, Add</i>	9,705.93	
40 05 19 00-3564 EA 42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,044.67	1,820.34
<i>For Class 52 Rating, Deduct</i>	-3,771.52	
<i>For Class 54 Rating, Add</i>	5,176.08	
<i>For Class 55 Rating, Add</i>	7,712.10	
<i>For Class 56 Rating, Add</i>	10,213.83	
40 05 19 00-3565 EA 42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,781.41	1,823.06
<i>For Class 52 Rating, Deduct</i>	-3,962.11	
<i>For Class 54 Rating, Add</i>	5,436.03	
<i>For Class 55 Rating, Add</i>	8,098.57	
<i>For Class 56 Rating, Add</i>	10,725.10	
40 05 19 00-3566 EA 42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	40,503.84	1,825.78
<i>For Class 52 Rating, Deduct</i>	-4,151.13	
<i>For Class 54 Rating, Add</i>	5,693.82	
<i>For Class 55 Rating, Add</i>	8,481.86	
<i>For Class 56 Rating, Add</i>	11,232.16	
40 05 19 00-3567 EA 42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	42,246.30	1,828.48
<i>For Class 52 Rating, Deduct</i>	-4,342.35	
<i>For Class 54 Rating, Add</i>	5,954.63	
<i>For Class 55 Rating, Add</i>	8,869.61	
<i>For Class 56 Rating, Add</i>	11,745.12	
40 05 19 00-3568 EA 42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	43,971.61	1,831.20
<i>For Class 52 Rating, Deduct</i>	-4,531.68	
<i>For Class 54 Rating, Add</i>	6,212.85	
<i>For Class 55 Rating, Add</i>	9,253.53	
<i>For Class 56 Rating, Add</i>	12,253.02	
40 05 19 00-3569 EA 42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	45,711.21	1,833.92
<i>For Class 52 Rating, Deduct</i>	-4,722.58	
<i>For Class 54 Rating, Add</i>	6,473.23	
<i>For Class 55 Rating, Add</i>	9,640.65	
<i>For Class 56 Rating, Add</i>	12,765.13	
40 05 19 00-3570 EA 42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	47,436.50	1,836.62
<i>For Class 52 Rating, Deduct</i>	-4,911.91	
<i>For Class 54 Rating, Add</i>	6,731.45	
<i>For Class 55 Rating, Add</i>	10,024.57	
<i>For Class 56 Rating, Add</i>	13,273.03	
40 05 19 00-3571 EA 42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	49,178.96	1,839.33
<i>For Class 52 Rating, Deduct</i>	-5,103.13	
<i>For Class 54 Rating, Add</i>	6,992.25	
<i>For Class 55 Rating, Add</i>	10,412.32	
<i>For Class 56 Rating, Add</i>	13,785.99	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3572	EA		42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	50,904.26	1,842.05
			<i>For Class 52 Rating, Deduct</i>	-5,292.46	
			<i>For Class 54 Rating, Add</i>	7,250.48	
			<i>For Class 55 Rating, Add</i>	10,796.24	
			<i>For Class 56 Rating, Add</i>	14,293.89	
40 05 19 00-3573	EA		42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	52,646.71	1,844.77
			<i>For Class 52 Rating, Deduct</i>	-5,483.68	
			<i>For Class 54 Rating, Add</i>	7,511.28	
			<i>For Class 55 Rating, Add</i>	11,183.99	
			<i>For Class 56 Rating, Add</i>	14,806.85	
40 05 19 00-3574	EA		42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	54,369.16	1,847.47
			<i>For Class 52 Rating, Deduct</i>	-5,672.69	
			<i>For Class 54 Rating, Add</i>	7,769.08	
			<i>For Class 55 Rating, Add</i>	11,567.28	
			<i>For Class 56 Rating, Add</i>	15,313.91	
40 05 19 00-3575	EA		42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	56,114.47	1,850.19
			<i>For Class 52 Rating, Deduct</i>	-5,864.23	
			<i>For Class 54 Rating, Add</i>	8,030.31	
			<i>For Class 55 Rating, Add</i>	11,955.67	
			<i>For Class 56 Rating, Add</i>	15,827.71	
40 05 19 00-3576	EA		42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	57,839.77	1,852.91
			<i>For Class 52 Rating, Deduct</i>	-6,053.56	
			<i>For Class 54 Rating, Add</i>	8,288.54	
			<i>For Class 55 Rating, Add</i>	12,339.59	
			<i>For Class 56 Rating, Add</i>	16,335.61	
40 05 19 00-3577	EA		42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	59,579.37	1,855.61
			<i>For Class 52 Rating, Deduct</i>	-6,244.46	
			<i>For Class 54 Rating, Add</i>	8,548.91	
			<i>For Class 55 Rating, Add</i>	12,726.70	
			<i>For Class 56 Rating, Add</i>	16,847.73	
40 05 19 00-3578	EA		42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	61,307.53	1,858.32
			<i>For Class 52 Rating, Deduct</i>	-6,434.11	
			<i>For Class 54 Rating, Add</i>	8,807.57	
			<i>For Class 55 Rating, Add</i>	13,111.26	
			<i>For Class 56 Rating, Add</i>	17,356.47	
40 05 19 00-3579	EA		42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	62,695.45	1,861.04
			<i>For Class 52 Rating, Deduct</i>	-6,586.33	
			<i>For Class 54 Rating, Add</i>	9,015.19	
			<i>For Class 55 Rating, Add</i>	13,419.95	
			<i>For Class 56 Rating, Add</i>	17,764.84	
40 05 19 00-3580	EA		42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	64,775.28	1,863.76
			<i>For Class 52 Rating, Deduct</i>	-6,814.66	
			<i>For Class 54 Rating, Add</i>	9,326.60	
			<i>For Class 55 Rating, Add</i>	13,882.94	
			<i>For Class 56 Rating, Add</i>	18,377.33	
40 05 19 00-3581	EA		42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	66,497.72	1,866.46
			<i>For Class 52 Rating, Deduct</i>	-7,003.67	
			<i>For Class 54 Rating, Add</i>	9,584.40	
			<i>For Class 55 Rating, Add</i>	14,266.22	
			<i>For Class 56 Rating, Add</i>	18,884.38	
40 05 19 00-3582	EA		42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	68,240.19	1,869.18
			<i>For Class 52 Rating, Deduct</i>	-7,194.89	
			<i>For Class 54 Rating, Add</i>	9,845.20	
			<i>For Class 55 Rating, Add</i>	14,653.97	
			<i>For Class 56 Rating, Add</i>	19,397.34	
40 05 19 00-3583	EA		42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	69,965.48	1,871.90
			<i>For Class 52 Rating, Deduct</i>	-7,384.22	
			<i>For Class 54 Rating, Add</i>	10,103.43	
			<i>For Class 55 Rating, Add</i>	15,037.90	
			<i>For Class 56 Rating, Add</i>	19,905.24	
40 05 19 00-3584	EA		42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	71,710.79	1,874.62
			<i>For Class 52 Rating, Deduct</i>	-7,575.75	
			<i>For Class 54 Rating, Add</i>	10,364.66	
			<i>For Class 55 Rating, Add</i>	15,426.28	
			<i>For Class 56 Rating, Add</i>	20,419.04	
40 05 19 00-3585	EA		42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	73,433.24	1,877.31
			<i>For Class 52 Rating, Deduct</i>	-7,764.77	
			<i>For Class 54 Rating, Add</i>	10,622.45	
			<i>For Class 55 Rating, Add</i>	15,809.57	
			<i>For Class 56 Rating, Add</i>	20,926.10	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3586				<b>48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe</b> <small>(40 05 19 00-3082)</small>		
40 05 19 00-3587	EA			48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,881.46	2,243.55
				For Class 52 Rating, Deduct	-1,703.03	
				For Class 54 Rating, Add	2,363.11	
				For Class 55 Rating, Add	3,534.10	
				For Class 56 Rating, Add	4,689.60	
40 05 19 00-3588	EA			48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,361.57	2,246.27
				For Class 52 Rating, Deduct	-1,975.39	
				For Class 54 Rating, Add	2,734.56	
				For Class 55 Rating, Add	4,086.35	
				For Class 56 Rating, Add	5,420.17	
40 05 19 00-3589	EA			48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,850.27	2,248.99
				For Class 52 Rating, Deduct	-2,248.70	
				For Class 54 Rating, Add	3,107.30	
				For Class 55 Rating, Add	4,640.51	
				For Class 56 Rating, Add	6,153.27	
40 05 19 00-3590	EA			48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	26,364.68	2,251.71
				For Class 52 Rating, Deduct	-2,524.83	
				For Class 54 Rating, Add	3,483.89	
				For Class 55 Rating, Add	5,200.40	
				For Class 56 Rating, Add	6,893.96	
40 05 19 00-3591	EA			48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	28,873.37	2,254.41
				For Class 52 Rating, Deduct	-2,800.34	
				For Class 54 Rating, Add	3,859.63	
				For Class 55 Rating, Add	5,759.02	
				For Class 56 Rating, Add	7,632.96	
40 05 19 00-3592	EA			48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,384.94	2,257.12
				For Class 52 Rating, Deduct	-3,076.16	
				For Class 54 Rating, Add	4,235.80	
				For Class 55 Rating, Add	6,318.28	
				For Class 56 Rating, Add	8,372.81	
40 05 19 00-3593	EA			48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	33,913.65	2,259.84
				For Class 52 Rating, Deduct	-3,353.86	
				For Class 54 Rating, Add	4,614.54	
				For Class 55 Rating, Add	6,881.37	
				For Class 56 Rating, Add	9,117.71	
40 05 19 00-3594	EA			48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,436.64	2,262.54
				For Class 52 Rating, Deduct	-3,630.94	
				For Class 54 Rating, Add	4,992.42	
				For Class 55 Rating, Add	7,443.18	
				For Class 56 Rating, Add	9,860.93	
40 05 19 00-3595	EA			48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,953.93	2,265.26
				For Class 52 Rating, Deduct	-3,907.39	
				For Class 54 Rating, Add	5,369.44	
				For Class 55 Rating, Add	8,003.71	
				For Class 56 Rating, Add	10,602.46	
40 05 19 00-3596	EA			48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	41,494.07	2,267.98
				For Class 52 Rating, Deduct	-4,186.35	
				For Class 54 Rating, Add	5,749.90	
				For Class 55 Rating, Add	8,569.35	
				For Class 56 Rating, Add	11,350.74	
40 05 19 00-3597	EA			48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	44,022.79	2,270.70
				For Class 52 Rating, Deduct	-4,464.06	
				For Class 54 Rating, Add	6,128.64	
				For Class 55 Rating, Add	9,132.43	
				For Class 56 Rating, Add	12,095.65	
40 05 19 00-3598	EA			48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	46,565.80	2,273.39
				For Class 52 Rating, Deduct	-4,743.34	
				For Class 54 Rating, Add	6,509.52	
				For Class 55 Rating, Add	9,698.71	
				For Class 56 Rating, Add	12,844.77	
40 05 19 00-3599	EA			48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	49,091.65	2,276.11
				For Class 52 Rating, Deduct	-5,020.73	
				For Class 54 Rating, Add	6,887.83	
				For Class 55 Rating, Add	10,261.15	
				For Class 56 Rating, Add	13,588.83	
40 05 19 00-3600	EA			48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	51,623.22	2,278.83
				For Class 52 Rating, Deduct	-5,298.75	
				For Class 54 Rating, Add	7,267.00	
				For Class 55 Rating, Add	10,824.88	
				For Class 56 Rating, Add	14,334.58	

## 40 Process Interconnections

## 40 05 Common Work Results For Process Interconnections

## 40 05 19 Ductile Iron Process Pipe



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-3601	EA	48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		54,169.09	2,281.54
		<i>For Class 52 Rating, Deduct</i>		-5,578.34	
		<i>For Class 54 Rating, Add</i>		7,648.31	
		<i>For Class 55 Rating, Add</i>		11,391.79	
		<i>For Class 56 Rating, Add</i>		15,084.55	
40 05 19 00-3602	EA	48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		56,700.66	2,284.25
		<i>For Class 52 Rating, Deduct</i>		-5,856.36	
		<i>For Class 54 Rating, Add</i>		8,027.48	
		<i>For Class 55 Rating, Add</i>		11,955.51	
		<i>For Class 56 Rating, Add</i>		15,830.30	
40 05 19 00-3603	EA	48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		59,232.24	2,286.97
		<i>For Class 52 Rating, Deduct</i>		-6,134.39	
		<i>For Class 54 Rating, Add</i>		8,406.65	
		<i>For Class 55 Rating, Add</i>		12,519.23	
		<i>For Class 56 Rating, Add</i>		16,576.05	
40 05 19 00-3604	EA	48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		61,780.96	2,289.68
		<i>For Class 52 Rating, Deduct</i>		-6,414.29	
		<i>For Class 54 Rating, Add</i>		8,788.39	
		<i>For Class 55 Rating, Add</i>		13,086.78	
		<i>For Class 56 Rating, Add</i>		17,326.86	
40 05 19 00-3605	EA	48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		64,315.39	2,292.38
		<i>For Class 52 Rating, Deduct</i>		-6,692.63	
		<i>For Class 54 Rating, Add</i>		9,167.99	
		<i>For Class 55 Rating, Add</i>		13,651.14	
		<i>For Class 56 Rating, Add</i>		18,073.45	
40 05 19 00-3606	EA	48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		66,846.97	2,295.10
		<i>For Class 52 Rating, Deduct</i>		-6,970.65	
		<i>For Class 54 Rating, Add</i>		9,547.16	
		<i>For Class 55 Rating, Add</i>		14,214.87	
		<i>For Class 56 Rating, Add</i>		18,819.20	
40 05 19 00-3607	EA	48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		69,401.41	2,297.82
		<i>For Class 52 Rating, Deduct</i>		-7,251.19	
		<i>For Class 54 Rating, Add</i>		9,929.76	
		<i>For Class 55 Rating, Add</i>		14,783.69	
		<i>For Class 56 Rating, Add</i>		19,571.70	
40 05 19 00-3608	EA	48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		71,938.70	2,300.53
		<i>For Class 52 Rating, Deduct</i>		-7,529.84	
		<i>For Class 54 Rating, Add</i>		10,309.79	
		<i>For Class 55 Rating, Add</i>		15,348.69	
		<i>For Class 56 Rating, Add</i>		20,319.13	
40 05 19 00-3609	EA	48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		74,473.13	2,303.24
		<i>For Class 52 Rating, Deduct</i>		-7,808.17	
		<i>For Class 54 Rating, Add</i>		10,689.38	
		<i>For Class 55 Rating, Add</i>		15,913.05	
		<i>For Class 56 Rating, Add</i>		21,065.73	
40 05 19 00-3610	EA	48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		77,024.72	2,305.96
		<i>For Class 52 Rating, Deduct</i>		-8,088.39	
		<i>For Class 54 Rating, Add</i>		11,071.55	
		<i>For Class 55 Rating, Add</i>		16,481.23	
		<i>For Class 56 Rating, Add</i>		21,817.38	
40 05 19 00-3611	EA	48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		79,562.01	2,308.67
		<i>For Class 52 Rating, Deduct</i>		-8,367.04	
		<i>For Class 54 Rating, Add</i>		11,451.58	
		<i>For Class 55 Rating, Add</i>		17,046.23	
		<i>For Class 56 Rating, Add</i>		22,564.82	
40 05 19 00-3612	EA	48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		82,096.45	2,311.37
		<i>For Class 52 Rating, Deduct</i>		-8,645.38	
		<i>For Class 54 Rating, Add</i>		11,831.18	
		<i>For Class 55 Rating, Add</i>		17,610.59	
		<i>For Class 56 Rating, Add</i>		23,311.41	
40 05 19 00-3613	EA	48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		84,650.88	2,314.09
		<i>For Class 52 Rating, Deduct</i>		-8,925.91	
		<i>For Class 54 Rating, Add</i>		12,213.78	
		<i>For Class 55 Rating, Add</i>		18,179.41	
		<i>For Class 56 Rating, Add</i>		24,063.90	
40 05 19 00-3614	EA	48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....		87,188.17	2,316.81
		<i>For Class 52 Rating, Deduct</i>		-9,204.56	
		<i>For Class 54 Rating, Add</i>		12,593.80	
		<i>For Class 55 Rating, Add</i>		18,744.41	
		<i>For Class 56 Rating, Add</i>		24,811.34	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3615 EA 48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	89,425.27	2,319.52
<i>For Class 52 Rating, Deduct</i>	-9,450.19	
<i>For Class 54 Rating, Add</i>	12,928.80	
<i>For Class 55 Rating, Add</i>	19,242.46	
<i>For Class 56 Rating, Add</i>	25,470.22	
40 05 19 00-3616 EA 48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	92,282.77	2,322.23
<i>For Class 52 Rating, Deduct</i>	-9,764.07	
<i>For Class 54 Rating, Add</i>	13,356.86	
<i>For Class 55 Rating, Add</i>	19,878.87	
<i>For Class 56 Rating, Add</i>	26,312.12	
40 05 19 00-3617 EA 48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	94,817.21	2,324.95
<i>For Class 52 Rating, Deduct</i>	-10,042.40	
<i>For Class 54 Rating, Add</i>	13,736.46	
<i>For Class 55 Rating, Add</i>	20,443.23	
<i>For Class 56 Rating, Add</i>	27,058.71	
40 05 19 00-3618 EA 48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	97,377.37	2,327.66
<i>For Class 52 Rating, Deduct</i>	-10,323.57	
<i>For Class 54 Rating, Add</i>	14,119.91	
<i>For Class 55 Rating, Add</i>	21,013.33	
<i>For Class 56 Rating, Add</i>	27,812.89	
40 05 19 00-3619 EA 48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	99,911.80	2,330.36
<i>For Class 52 Rating, Deduct</i>	-10,601.90	
<i>For Class 54 Rating, Add</i>	14,499.51	
<i>For Class 55 Rating, Add</i>	21,577.69	
<i>For Class 56 Rating, Add</i>	28,559.49	
40 05 19 00-3620 EA 48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	102,446.24	2,333.08
<i>For Class 52 Rating, Deduct</i>	-10,880.24	
<i>For Class 54 Rating, Add</i>	14,879.11	
<i>For Class 55 Rating, Add</i>	22,142.05	
<i>For Class 56 Rating, Add</i>	29,306.08	
40 05 19 00-3621 EA 48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	105,006.40	2,335.80
<i>For Class 52 Rating, Deduct</i>	-11,161.40	
<i>For Class 54 Rating, Add</i>	15,262.57	
<i>For Class 55 Rating, Add</i>	22,712.15	
<i>For Class 56 Rating, Add</i>	30,060.26	
<b>40 05 19 00-3622 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3623 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	764.63	130.89
40 05 19 00-3624 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,121.32	167.37
40 05 19 00-3625 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,603.90	189.59
40 05 19 00-3626 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	2,293.14	240.35
40 05 19 00-3627 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	2,859.45	266.53
40 05 19 00-3628 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	3,509.81	289.53
40 05 19 00-3629 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	4,309.94	356.96
40 05 19 00-3630 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	5,407.97	428.35
40 05 19 00-3631 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	6,608.93	539.40
40 05 19 00-3632 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	9,846.91	610.80
40 05 19 00-3633 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	15,291.82	809.11
40 05 19 00-3634 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	22,697.22	916.19
40 05 19 00-3635 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	38,774.58	1,047.08
40 05 19 00-3636 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	51,302.22	1,285.05
<b>40 05 19 00-3637 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3638 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	728.14	130.89
40 05 19 00-3639 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,061.04	167.37
40 05 19 00-3640 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,454.78	189.59
40 05 19 00-3641 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	2,080.57	240.35
40 05 19 00-3642 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	2,585.02	266.53
40 05 19 00-3643 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	3,013.29	289.53
40 05 19 00-3644 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	3,703.96	356.96
40 05 19 00-3645 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	4,716.33	428.35
40 05 19 00-3646 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	5,931.58	539.40
40 05 19 00-3647 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	7,795.80	610.80
40 05 19 00-3648 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	14,928.55	809.11
40 05 19 00-3649 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	22,211.80	916.19
40 05 19 00-3650 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	33,606.35	1,047.08
40 05 19 00-3651 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	45,453.46	1,285.05
<b>40 05 19 00-3652 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3653 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	726.55	130.89



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-3654	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,040.41	167.37
40 05 19 00-3655	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	1,442.09	189.59
40 05 19 00-3656	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	2,031.39	240.35
40 05 19 00-3657	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	2,694.48	266.53
40 05 19 00-3658	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	3,348.00	289.53
40 05 19 00-3659	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	3,780.11	356.96
40 05 19 00-3660	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	4,808.34	428.35
40 05 19 00-3661	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	6,326.57	539.40
40 05 19 00-3662	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	8,707.94	610.80
40 05 19 00-3663	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	15,090.36	809.11
40 05 19 00-3664	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	22,581.42	916.19
40 05 19 00-3665	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	34,343.99	1,047.08
40 05 19 00-3666	EA		48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow .....	46,417.94	1,285.05

**40 05 19 00-3667 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows** (40 05 19 00-2073)

40 05 19 00-3668	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	788.42	130.89
40 05 19 00-3669	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	1,156.22	167.37
40 05 19 00-3670	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	1,489.68	189.59
40 05 19 00-3671	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	2,201.13	240.35
40 05 19 00-3672	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	3,010.15	266.53
40 05 19 00-3673	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	3,428.90	289.53
40 05 19 00-3674	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	4,121.16	356.96
40 05 19 00-3675	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	4,808.34	428.35
40 05 19 00-3676	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	6,326.57	539.40
40 05 19 00-3677	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	9,031.55	610.80
40 05 19 00-3678	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	15,248.99	809.11
40 05 19 00-3679	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	22,743.22	916.19
40 05 19 00-3680	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	34,513.72	1,047.08
40 05 19 00-3681	EA		48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow .....	46,760.59	1,285.05

**40 05 19 00-3682 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows** (40 05 19 00-2073)

40 05 19 00-3683	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,092.08	149.13
40 05 19 00-3684	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,410.32	160.23
40 05 19 00-3685	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	1,531.54	178.48
40 05 19 00-3686	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,107.09	185.62
40 05 19 00-3687	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,145.84	203.86
40 05 19 00-3688	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,303.85	214.97
40 05 19 00-3689	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,516.85	217.35
40 05 19 00-3690	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,811.28	228.46
40 05 19 00-3691	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,943.34	253.84
40 05 19 00-3692	EA		14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	2,931.84	228.46
40 05 19 00-3693	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,180.26	239.56
40 05 19 00-3694	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,447.16	264.94
40 05 19 00-3695	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,746.79	278.42
40 05 19 00-3696	EA		16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,374.74	262.16
40 05 19 00-3697	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,577.17	273.27
40 05 19 00-3698	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,983.66	298.66
40 05 19 00-3699	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,284.27	311.74
40 05 19 00-3700	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,530.13	323.25
40 05 19 00-3701	EA		18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	3,919.01	297.86
40 05 19 00-3702	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,538.63	308.97
40 05 19 00-3703	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,619.92	334.35
40 05 19 00-3704	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,825.36	347.44
40 05 19 00-3705	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	5,166.39	358.95
40 05 19 00-3706	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	5,537.90	392.65
40 05 19 00-3707	EA		20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	4,900.99	353.39
40 05 19 00-3708	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	5,168.45	364.49
40 05 19 00-3709	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,201.53	389.88
40 05 19 00-3710	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,389.51	402.96
40 05 19 00-3711	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,963.74	414.47
40 05 19 00-3712	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,786.40	448.18
40 05 19 00-3713	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	7,137.12	483.87
40 05 19 00-3714	EA		24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	6,784.10	389.09
40 05 19 00-3715	EA		24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	7,046.81	400.19
40 05 19 00-3716	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	7,485.02	425.57
40 05 19 00-3717	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	7,803.08	438.67
40 05 19 00-3718	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	8,416.96	450.17
40 05 19 00-3719	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	8,966.15	483.87
40 05 19 00-3720	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	9,118.59	519.58
40 05 19 00-3721	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	9,555.63	513.83
40 05 19 00-3722	EA		30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	11,535.22	537.81
40 05 19 00-3723	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	12,193.53	549.32
40 05 19 00-3724	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	13,807.13	583.03
40 05 19 00-3725	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	15,547.48	618.73
40 05 19 00-3726	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	20,818.87	674.26
40 05 19 00-3727	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	22,249.88	709.95



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3728	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	20,113.19	727.80
40 05 19 00-3729	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	21,975.67	763.50
40 05 19 00-3730	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	23,033.29	862.65
40 05 19 00-3731	EA		42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	29,839.73	793.24
40 05 19 00-3732	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	30,561.65	828.93
40 05 19 00-3733	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	30,527.86	928.09
40 05 19 00-3734	EA		42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	43,586.67	981.64
40 05 19 00-3735	EA		48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	41,689.87	957.84
40 05 19 00-3736	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	45,317.32	1,056.99
40 05 19 00-3737	EA		48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	46,611.98	1,110.54
40 05 19 00-3738	EA		48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow .....	57,837.58	1,175.98
<b>40 05 19 00-3739 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows (40 05 19 00-2073)</b>					
40 05 19 00-3740	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	899.46	130.89
40 05 19 00-3741	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	1,416.37	167.37
40 05 19 00-3742	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	2,105.17	189.59
40 05 19 00-3743	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	2,940.35	240.35
40 05 19 00-3744	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	4,115.82	266.53
40 05 19 00-3745	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	4,826.45	289.53
40 05 19 00-3746	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	6,151.65	356.96
40 05 19 00-3747	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	7,530.47	428.35
40 05 19 00-3748	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	10,056.01	539.40
40 05 19 00-3749	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	14,672.50	610.80
40 05 19 00-3750	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	25,420.47	809.11
40 05 19 00-3751	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	38,501.72	916.19
40 05 19 00-3752	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow .....	59,333.29	1,047.08
<b>40 05 19 00-3753 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbows (40 05 19 00-2073)</b>					
40 05 19 00-3754	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	1,890.46	149.13
40 05 19 00-3755	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	3,196.07	160.23
40 05 19 00-3756	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	3,013.95	178.48
40 05 19 00-3757	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	3,377.30	185.62
40 05 19 00-3758	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	3,732.49	203.86
40 05 19 00-3759	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	3,860.90	214.97
40 05 19 00-3760	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	7,822.74	217.35
40 05 19 00-3761	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	5,998.33	228.46
40 05 19 00-3762	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	6,036.80	253.84
40 05 19 00-3763	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	8,041.13	239.56
40 05 19 00-3764	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	11,446.99	264.94
40 05 19 00-3765	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	11,191.30	278.42
40 05 19 00-3766	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	14,763.65	273.27
40 05 19 00-3767	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	14,664.67	298.66
40 05 19 00-3768	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	13,680.44	311.74
40 05 19 00-3769	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	13,573.82	323.25
40 05 19 00-3770	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	20,114.12	347.44
40 05 19 00-3771	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	18,321.54	358.95
40 05 19 00-3772	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	16,562.63	392.65
40 05 19 00-3773	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	27,045.07	414.47
40 05 19 00-3774	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	22,757.28	448.18
40 05 19 00-3775	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	18,472.46	483.87
40 05 19 00-3776	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	33,928.57	450.17
40 05 19 00-3777	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	27,111.87	483.87
40 05 19 00-3778	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow .....	20,298.17	519.58



MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

40 05 19 00-3779 EA 24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius Reducing 90 Degree Elbow ..... 27,745.40 513.83

**40 05 19 00-3780 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base** (40 05 19 00-2073)

40 05 19 00-3781 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 943.88 130.89  
 40 05 19 00-3782 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 1,329.12 167.37  
 40 05 19 00-3783 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 2,163.87 189.59  
 40 05 19 00-3784 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 2,895.94 240.35  
 40 05 19 00-3785 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 3,873.11 266.53  
 40 05 19 00-3786 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 4,593.26 289.53  
 40 05 19 00-3787 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 5,598.03 356.96  
 40 05 19 00-3788 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 6,934.01 428.35  
 40 05 19 00-3789 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 8,959.86 539.40  
 40 05 19 00-3790 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 12,584.90 610.80  
 40 05 19 00-3791 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 20,307.76 809.11  
 40 05 19 00-3792 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 28,918.76 916.19  
 40 05 19 00-3793 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 50,936.90 1,047.08  
 40 05 19 00-3794 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base ..... 57,150.99 1,285.05

**40 05 19 00-3795 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees** (40 05 19 00-2073)

40 05 19 00-3796 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 1,157.66 210.21  
 40 05 19 00-3797 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 1,499.06 258.60  
 40 05 19 00-3798 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 2,169.74 288.75  
 40 05 19 00-3799 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 3,070.12 375.20  
 40 05 19 00-3800 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 4,110.07 409.31  
 40 05 19 00-3801 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 5,513.26 440.25  
 40 05 19 00-3802 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 5,955.62 555.27  
 40 05 19 00-3803 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 7,398.80 634.59  
 40 05 19 00-3804 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 9,307.31 801.18  
 40 05 19 00-3805 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 13,727.67 884.46  
 40 05 19 00-3806 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 22,573.00 1,221.60  
 40 05 19 00-3807 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 31,928.27 1,400.08  
 40 05 19 00-3808 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee ..... 68,320.61 1,618.21

**40 05 19 00-3809 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees** (40 05 19 00-2073)

40 05 19 00-3810 EA 6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 1,543.91 234.79  
 40 05 19 00-3811 EA 8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 2,004.80 239.56  
 40 05 19 00-3812 EA 8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 1,971.17 269.70  
 40 05 19 00-3813 EA 10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 2,673.04 264.94  
 40 05 19 00-3814 EA 10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 2,602.91 295.08  
 40 05 19 00-3815 EA 10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 2,712.66 314.13  
 40 05 19 00-3816 EA 12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 3,415.25 278.42  
 40 05 19 00-3817 EA 12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 3,372.09 308.57  
 40 05 19 00-3818 EA 12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 3,518.32 327.61  
 40 05 19 00-3819 EA 12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 4,056.62 388.69  
 40 05 19 00-3820 EA 14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 4,896.25 289.53  
 40 05 19 00-3821 EA 14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 4,776.94 319.68  
 40 05 19 00-3822 EA 14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 4,945.39 338.71  
 40 05 19 00-3823 EA 14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,129.93 399.79  
 40 05 19 00-3824 EA 14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,393.39 420.81  
 40 05 19 00-3825 EA 16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,910.23 323.25  
 40 05 19 00-3826 EA 16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 4,967.62 353.39  
 40 05 19 00-3827 EA 16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,080.53 372.43  
 40 05 19 00-3828 EA 16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 6,134.39 433.51  
 40 05 19 00-3829 EA 16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,487.30 454.53  
 40 05 19 00-3830 EA 16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 6,558.95 473.96  
 40 05 19 00-3831 EA 18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 5,548.36 389.09  
 40 05 19 00-3832 EA 18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 6,536.93 408.12  
 40 05 19 00-3833 EA 18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 6,488.29 469.20  
 40 05 19 00-3834 EA 18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 6,128.32 490.22  
 40 05 19 00-3835 EA 18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 7,561.66 509.66  
 40 05 19 00-3836 EA 18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 7,962.46 590.97  
 40 05 19 00-3837 EA 20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 7,923.13 444.62  
 40 05 19 00-3838 EA 20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 8,050.33 463.65  
 40 05 19 00-3839 EA 20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 8,293.58 524.73  
 40 05 19 00-3840 EA 20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 8,574.48 545.75  
 40 05 19 00-3841 EA 20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 8,653.10 565.18  
 40 05 19 00-3842 EA 20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 10,218.26 646.49  
 40 05 19 00-3843 EA 20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 10,382.72 690.12  
 40 05 19 00-3844 EA 24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 9,157.44 480.31  
 40 05 19 00-3845 EA 24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 9,513.07 499.35  
 40 05 19 00-3846 EA 24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 9,788.04 560.42  
 40 05 19 00-3847 EA 24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 10,851.00 581.44  
 40 05 19 00-3848 EA 24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee ..... 11,078.73 600.88





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3849	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	11,333.60	682.19
40 05 19 00-3850	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	14,646.89	725.82
40 05 19 00-3851	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	15,074.48	775.59
40 05 19 00-3852	EA		30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,151.42	579.47
40 05 19 00-3853	EA		30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,232.61	598.50
40 05 19 00-3854	EA		30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,645.59	659.58
40 05 19 00-3855	EA		30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,677.44	680.60
40 05 19 00-3856	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,706.88	700.03
40 05 19 00-3857	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	18,830.07	781.34
40 05 19 00-3858	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	19,424.43	824.97
40 05 19 00-3859	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	20,365.23	936.03
40 05 19 00-3860	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	24,831.44	983.62
40 05 19 00-3861	EA		36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,072.96	829.33
40 05 19 00-3862	EA		36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,308.36	844.41
40 05 19 00-3863	EA		36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,426.21	887.64
40 05 19 00-3864	EA		36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,612.26	904.69
40 05 19 00-3865	EA		36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,689.64	920.17
40 05 19 00-3866	EA		36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,881.48	977.67
40 05 19 00-3867	EA		36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	26,997.10	1,017.34
40 05 19 00-3868	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	27,334.27	1,100.62
40 05 19 00-3869	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	27,879.61	1,142.27
40 05 19 00-3870	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	36,063.44	1,310.83
40 05 19 00-3871	EA		42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	39,648.03	799.59
40 05 19 00-3872	EA		42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	39,736.17	819.02
40 05 19 00-3873	EA		42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	39,970.41	900.33
40 05 19 00-3874	EA		42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	40,093.62	943.96
40 05 19 00-3875	EA		42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	40,488.72	1,055.02
40 05 19 00-3876	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	41,016.12	1,102.61
40 05 19 00-3877	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	51,372.09	1,340.58
40 05 19 00-3878	EA		42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	65,589.20	1,465.52
40 05 19 00-3879	EA		48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	53,262.01	928.49
40 05 19 00-3880	EA		48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	53,291.46	947.92
40 05 19 00-3881	EA		48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	53,582.80	1,029.23
40 05 19 00-3882	EA		48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	53,648.91	1,072.86
40 05 19 00-3883	EA		48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	54,044.02	1,183.92
40 05 19 00-3884	EA		48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	54,515.89	1,231.51
40 05 19 00-3885	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee .....	55,671.20	1,469.48
40 05 19 00-3886			<b>Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3887	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	1,249.67	210.21
40 05 19 00-3888	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	1,767.15	258.60
40 05 19 00-3889	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	2,623.43	288.75
40 05 19 00-3890	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	3,929.90	375.20
40 05 19 00-3891	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	5,302.99	409.31
40 05 19 00-3892	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	5,978.05	440.25
40 05 19 00-3893	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	7,326.20	555.27
40 05 19 00-3894	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	8,856.62	634.59
40 05 19 00-3895	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	11,643.96	801.18
40 05 19 00-3896	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	16,776.58	884.46
40 05 19 00-3897	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	27,801.51	1,221.60
40 05 19 00-3898	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base .....	39,606.06	1,400.08
40 05 19 00-3899			<b>Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3900	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	1,019.65	210.21
40 05 19 00-3901	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	1,487.96	258.60
40 05 19 00-3902	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	2,206.23	288.75
40 05 19 00-3903	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	2,908.31	375.20
40 05 19 00-3904	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	4,405.13	409.31
40 05 19 00-3905	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye .....	5,903.49	440.25
40 05 19 00-3906			<b>Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses</b> <small>(40 05 19 00-2073)</small>		
40 05 19 00-3907	EA		4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	1,309.58	289.53
40 05 19 00-3908	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	1,847.52	313.73
40 05 19 00-3909	EA		6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	1,918.06	349.82
40 05 19 00-3910	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	2,389.91	318.88
40 05 19 00-3911	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	2,548.80	360.92
40 05 19 00-3912	EA		8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	2,603.93	387.89
40 05 19 00-3913	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	3,143.81	344.26
40 05 19 00-3914	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	3,393.11	386.30
40 05 19 00-3915	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	3,665.57	413.27
40 05 19 00-3916	EA		10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	4,410.24	510.06
40 05 19 00-3917	EA		12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	4,115.42	357.36
40 05 19 00-3918	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	4,271.14	399.40
40 05 19 00-3919	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross .....	4,543.60	426.37



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-3920	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,335.86	523.14
40 05 19 00-3921	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,002.19	552.10
40 05 19 00-3922	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,146.75	410.90
40 05 19 00-3923	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,419.23	437.87
40 05 19 00-3924	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,886.29	534.65
40 05 19 00-3925	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,348.95	563.60
40 05 19 00-3926	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,618.84	590.97
40 05 19 00-3927	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,144.87	444.62
40 05 19 00-3928	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,461.76	471.59
40 05 19 00-3929	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,930.41	568.36
40 05 19 00-3930	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,437.49	597.31
40 05 19 00-3931	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,205.83	624.68
40 05 19 00-3932	EA	16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,229.47	753.58
40 05 19 00-3933	EA	18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,457.53	480.31
40 05 19 00-3934	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,774.41	507.28
40 05 19 00-3935	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,151.06	604.05
40 05 19 00-3936	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,658.13	633.01
40 05 19 00-3937	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,713.26	660.38
40 05 19 00-3938	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,325.76	789.28
40 05 19 00-3939	EA	18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,678.31	840.83
40 05 19 00-3940	EA	20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,310.40	535.84
40 05 19 00-3941	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,649.50	562.81
40 05 19 00-3942	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,994.42	659.58
40 05 19 00-3943	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,534.80	688.53
40 05 19 00-3944	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,677.79	715.90
40 05 19 00-3945	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,562.53	844.81
40 05 19 00-3946	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,937.29	896.36
40 05 19 00-3947	EA	20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,886.08	1,062.94
40 05 19 00-3948	EA	24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,985.10	571.53
40 05 19 00-3949	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,227.42	598.50
40 05 19 00-3950	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,719.87	695.27
40 05 19 00-3951	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,061.95	724.23
40 05 19 00-3952	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,252.54	751.60
40 05 19 00-3953	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,795.25	880.50
40 05 19 00-3954	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	16,402.93	932.06
40 05 19 00-3955	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,206.53	1,037.37
40 05 19 00-3956	EA	24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,780.72	1,158.13
40 05 19 00-3957	EA	30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,691.70	823.38
40 05 19 00-3958	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,785.51	850.75
40 05 19 00-3959	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,352.02	979.66
40 05 19 00-3960	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,539.60	1,031.22
40 05 19 00-3961	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,375.75	1,197.79
40 05 19 00-3962	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	27,589.09	1,257.29
40 05 19 00-3963	EA	30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,874.18	1,634.08
40 05 19 00-3964	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	27,571.01	1,047.48
40 05 19 00-3965	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	27,606.46	1,070.88
40 05 19 00-3966	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,089.32	1,175.98
40 05 19 00-3967	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,266.14	1,223.57
40 05 19 00-3968	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,955.54	1,362.40
40 05 19 00-3969	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,888.51	1,415.94
40 05 19 00-3970	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	39,883.26	1,723.32
40 05 19 00-3971	EA	36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,535.65	1,883.95
40 05 19 00-3972	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	41,062.45	1,098.64
40 05 19 00-3973	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	41,199.27	1,150.20
40 05 19 00-3974	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	41,994.19	1,316.78
40 05 19 00-3975	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	42,988.53	1,376.28
40 05 19 00-3976	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	55,364.81	1,753.06
40 05 19 00-3977	EA	42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	75,351.69	1,949.39
40 05 19 00-3978	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	55,922.26	1,445.68
40 05 19 00-3979	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	56,916.61	1,505.18
40 05 19 00-3980	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	59,115.06	1,881.96

#### 40 05 19 00-3981 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers (40 05 19 00-2073)

40 05 19 00-3982	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	935.03	149.13
40 05 19 00-3983	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,245.34	160.23
40 05 19 00-3984	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,323.74	178.48
40 05 19 00-3985	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,661.34	185.62
40 05 19 00-3986	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,654.08	203.86
40 05 19 00-3987	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,858.10	214.97
40 05 19 00-3988	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,121.19	199.10
40 05 19 00-3989	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,153.58	217.35
40 05 19 00-3990	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,305.25	228.46
40 05 19 00-3991	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,505.52	253.84
40 05 19 00-3992	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,609.82	228.46
40 05 19 00-3993	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,812.24	239.56
40 05 19 00-3994	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,009.34	264.94
40 05 19 00-3995	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,921.90	278.42
40 05 19 00-3996	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,100.31	262.16
40 05 19 00-3997	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,955.33	273.27





MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3998	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	3,192.08	298.66
40 05 19 00-3999	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	3,573.60	311.74
40 05 19 00-4000	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,020.92	323.25
40 05 19 00-4001	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	3,751.81	308.97
40 05 19 00-4002	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,021.88	334.35
40 05 19 00-4003	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	3,983.02	347.44
40 05 19 00-4004	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,473.16	358.95
40 05 19 00-4005	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,427.48	392.65
40 05 19 00-4006	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,571.99	364.49
40 05 19 00-4007	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,857.92	389.88
40 05 19 00-4008	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	4,741.33	402.96
40 05 19 00-4009	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	5,344.11	414.47
40 05 19 00-4010	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	5,025.59	448.18
40 05 19 00-4011	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	5,998.15	483.87
40 05 19 00-4012	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	6,625.24	425.57
40 05 19 00-4013	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	7,160.62	438.67
40 05 19 00-4014	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	7,311.29	450.17
40 05 19 00-4015	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	6,537.49	483.87
40 05 19 00-4016	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	7,676.63	519.58
40 05 19 00-4017	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	8,064.49	513.83
40 05 19 00-4018	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	10,966.03	583.03
40 05 19 00-4019	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	11,342.14	618.73
40 05 19 00-4020	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	12,065.56	674.26
40 05 19 00-4021	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	13,182.47	709.95
40 05 19 00-4022	EA		36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	15,539.62	636.58
40 05 19 00-4023	EA		36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	15,761.86	672.27
40 05 19 00-4024	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	16,737.50	727.80
40 05 19 00-4025	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	17,611.71	763.50
40 05 19 00-4026	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	20,001.83	862.65
40 05 19 00-4027	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	24,414.66	828.93
40 05 19 00-4028	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	27,291.77	928.09
40 05 19 00-4029	EA		42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	30,608.98	981.64
40 05 19 00-4030	EA		48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	32,341.69	957.84
40 05 19 00-4031	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	34,259.08	1,056.99
40 05 19 00-4032	EA		48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	38,031.58	1,110.54
40 05 19 00-4033	EA		48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer.....	42,334.47	1,175.98

**40 05 19 00-4034 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducers** 40 05 19 00-2073

40 05 19 00-4035	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,000.07	149.13
40 05 19 00-4036	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,319.90	160.23
40 05 19 00-4037	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,437.95	178.48
40 05 19 00-4038	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,661.34	185.62
40 05 19 00-4039	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,733.40	203.86
40 05 19 00-4040	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,934.24	214.97
40 05 19 00-4041	EA		12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,121.19	199.10
40 05 19 00-4042	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,242.41	217.35
40 05 19 00-4043	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,397.25	228.46
40 05 19 00-4044	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,665.74	253.84
40 05 19 00-4045	EA		14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,609.82	228.46
40 05 19 00-4046	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,764.65	239.56
40 05 19 00-4047	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,987.13	264.94
40 05 19 00-4048	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,331.17	278.42
40 05 19 00-4049	EA		16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,100.31	262.16
40 05 19 00-4050	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,299.57	273.27
40 05 19 00-4051	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,571.22	298.66
40 05 19 00-4052	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,867.06	311.74
40 05 19 00-4053	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,020.92	323.25
40 05 19 00-4054	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,751.81	308.97
40 05 19 00-4055	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,021.88	334.35
40 05 19 00-4056	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,316.15	347.44
40 05 19 00-4057	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,473.16	358.95
40 05 19 00-4058	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,800.26	392.65
40 05 19 00-4059	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,819.46	364.49
40 05 19 00-4060	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,032.42	389.88
40 05 19 00-4061	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,226.74	402.96
40 05 19 00-4062	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,344.11	414.47
40 05 19 00-4063	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,741.02	448.18
40 05 19 00-4064	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	5,993.39	483.87
40 05 19 00-4065	EA		24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,805.69	400.19
40 05 19 00-4066	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,739.45	425.57
40 05 19 00-4067	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,859.22	438.67
40 05 19 00-4068	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,974.99	450.17
40 05 19 00-4069	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,373.49	483.87
40 05 19 00-4070	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,676.63	519.58
40 05 19 00-4071	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,064.49	513.83
40 05 19 00-4072	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	13,543.49	549.32
40 05 19 00-4073	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	12,618.98	583.03
40 05 19 00-4074	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	11,394.49	618.73
40 05 19 00-4075	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	12,065.56	674.26

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
-------	-----	-----	-------------	------------------------	----------------------

40 05 19 00-4076	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	13,182.47	709.95
40 05 19 00-4077	EA		36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	14,613.21	636.58
40 05 19 00-4078	EA		36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	15,216.16	672.27
40 05 19 00-4079	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	16,098.21	727.80
40 05 19 00-4080	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	17,556.19	763.50
40 05 19 00-4081	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	20,282.61	862.65
40 05 19 00-4082	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	24,414.66	828.93
40 05 19 00-4083	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	27,291.77	928.09
40 05 19 00-4084	EA		42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	30,608.98	981.64
40 05 19 00-4085	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	34,259.08	1,056.99
40 05 19 00-4086	EA		48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	38,031.58	1,110.54
40 05 19 00-4087	EA		48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer .....	42,334.47	1,175.98

#### 40 05 19 00-4088 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges (40 05 19 00-2073)

40 05 19 00-4089	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	463.60	51.56
40 05 19 00-4090	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	705.49	76.15
40 05 19 00-4091	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	942.86	90.43
40 05 19 00-4092	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,373.39	105.50
40 05 19 00-4093	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,821.40	123.75
40 05 19 00-4094	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	2,512.08	138.81
40 05 19 00-4095	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	3,035.48	158.65
40 05 19 00-4096	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	4,085.00	222.11
40 05 19 00-4097	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	5,485.77	277.64
40 05 19 00-4098	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	8,047.41	337.13
40 05 19 00-4099	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	11,672.20	392.65
40 05 19 00-4100	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	21,911.72	432.32
40 05 19 00-4101	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	31,429.11	475.95
40 05 19 00-4102	EA		48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	41,906.49	535.44

#### 40 05 19 00-4103 Ductile Iron Bolt Packs (40 05 19)

Note: Labor installation is included with pipe fittings or valves.

40 05 19 00-4104	EA		4" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	44.25	
			Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	12.39	
			For Hot Dip Galvanized, Add	17.70	
40 05 19 00-4105	EA		6" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	68.27	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	19.12	
			For Hot Dip Galvanized, Add	27.31	
40 05 19 00-4106	EA		8" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	74.13	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	20.76	
			For Hot Dip Galvanized, Add	29.65	
40 05 19 00-4107	EA		10" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	166.52	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	46.63	
			For Hot Dip Galvanized, Add	66.61	
40 05 19 00-4108	EA		12" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	167.98	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	47.03	
			For Hot Dip Galvanized, Add	67.19	
40 05 19 00-4109	EA		14" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	188.20	
			Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	52.70	
			For Hot Dip Galvanized, Add	75.28	
40 05 19 00-4110	EA		16" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	316.39	
			Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	88.59	
			For Hot Dip Galvanized, Add	126.56	
40 05 19 00-4111	EA		18" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	459.63	
			Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	128.70	
			For Hot Dip Galvanized, Add	183.85	
40 05 19 00-4112	EA		20" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	580.34	
			Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	162.50	
			For Hot Dip Galvanized, Add	232.14	
40 05 19 00-4113	EA		24" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	830.36	
			Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	232.50	
			For Hot Dip Galvanized, Add	332.14	
40 05 19 00-4114	EA		30" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,312.09	
			Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	367.39	
			For Hot Dip Galvanized, Add	524.84	
40 05 19 00-4115	EA		36" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,871.73	
			Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	524.08	
			For Hot Dip Galvanized, Add	748.69	



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-4116	EA			42" Pipe Diameter, Ductile Iron Flange Bolt Pack..... Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i>	2,407.93  674.22 963.17	
40 05 19 00-4117	EA			48" Pipe Diameter, Ductile Iron Flange Bolt Pack..... Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i>	2,943.02  824.05 1,177.21	
<b>40 05 19 00-4118</b>				<b>Full Face Flange Gaskets, ANSI/AWWA C115/A21.15</b> (40 05 19) Note: Labor installation is included with pipe fittings or valves.		
<b>40 05 19 00-4119</b>				<b>Full Face Flange Styrene Butadiene (SBR) Gaskets</b> (40 05 19 00-4118)		
40 05 19 00-4120	EA			4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	8.44	
40 05 19 00-4121	EA			6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	10.74	
40 05 19 00-4122	EA			8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	14.57	
40 05 19 00-4123	EA			10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	16.87	
40 05 19 00-4124	EA			12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	18.40	
40 05 19 00-4125	EA			14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	30.67	
40 05 19 00-4126	EA			16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	37.58	
40 05 19 00-4127	EA			18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	39.88	
40 05 19 00-4128	EA			20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	61.35	
40 05 19 00-4129	EA			24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	65.95	
40 05 19 00-4130	EA			30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	85.12	
40 05 19 00-4131	EA			36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	97.39	
40 05 19 00-4132	EA			42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	104.29	
40 05 19 00-4133	EA			48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	114.26	
<b>40 05 19 00-4134</b>				<b>Full Face Flange Nitrile Buna-N (NBR) Gaskets</b> (40 05 19 00-4118) Note: (Acrylonitrile Butadiene)		
40 05 19 00-4135	EA			4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	26.07	
40 05 19 00-4136	EA			6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	36.81	
40 05 19 00-4137	EA			8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	56.75	
40 05 19 00-4138	EA			10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	62.11	
40 05 19 00-4139	EA			12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	66.72	
40 05 19 00-4140	EA			14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	125.76	
40 05 19 00-4141	EA			16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	154.90	
40 05 19 00-4142	EA			18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	155.67	
40 05 19 00-4143	EA			20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	161.81	
40 05 19 00-4144	EA			24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	171.01	
40 05 19 00-4145	EA			30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	189.41	
40 05 19 00-4146	EA			36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	208.58	
40 05 19 00-4147	EA			42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	296.77	
40 05 19 00-4148	EA			48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick.....	324.38	
<b>40 05 19 00-4149</b>				<b>Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets</b> (40 05 19 00-4118)		
40 05 19 00-4150	EA			4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	23.01	
40 05 19 00-4151	EA			6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	29.91	
40 05 19 00-4152	EA			8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	40.64	
40 05 19 00-4153	EA			10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	47.54	
40 05 19 00-4154	EA			12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	52.91	
40 05 19 00-4155	EA			14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	87.42	
40 05 19 00-4156	EA			16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	105.06	
40 05 19 00-4157	EA			18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	105.83	
40 05 19 00-4158	EA			20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	108.13	
40 05 19 00-4159	EA			24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	125.76	
40 05 19 00-4160	EA			30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	154.14	
40 05 19 00-4161	EA			36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	175.61	
40 05 19 00-4162	EA			42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	251.53	
40 05 19 00-4163	EA			48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick.....	277.60	
<b>40 05 19 00-4164</b>				<b>Full Face Flange Neoprene Gaskets</b> (40 05 19 00-4118) Note: (Polychloroprene)		
40 05 19 00-4165	EA			4" Full Face Flange Neoprene Gasket, 1/8" Thick.....	26.84	
40 05 19 00-4166	EA			6" Full Face Flange Neoprene Gasket, 1/8" Thick.....	37.58	
40 05 19 00-4167	EA			8" Full Face Flange Neoprene Gasket, 1/8" Thick.....	57.51	
40 05 19 00-4168	EA			10" Full Face Flange Neoprene Gasket, 1/8" Thick.....	62.11	
40 05 19 00-4169	EA			12" Full Face Flange Neoprene Gasket, 1/8" Thick.....	66.72	
40 05 19 00-4170	EA			14" Full Face Flange Neoprene Gasket, 1/8" Thick.....	88.95	
40 05 19 00-4171	EA			16" Full Face Flange Neoprene Gasket, 1/8" Thick.....	156.44	
40 05 19 00-4172	EA			18" Full Face Flange Neoprene Gasket, 1/8" Thick.....	157.20	
40 05 19 00-4173	EA			20" Full Face Flange Neoprene Gasket, 1/8" Thick.....	166.41	
40 05 19 00-4174	EA			24" Full Face Flange Neoprene Gasket, 1/8" Thick.....	168.71	
40 05 19 00-4175	EA			30" Full Face Flange Neoprene Gasket, 1/8" Thick.....	183.28	
40 05 19 00-4176	EA			36" Full Face Flange Neoprene Gasket, 1/8" Thick.....	206.28	
40 05 19 00-4177	EA			42" Full Face Flange Neoprene Gasket, 1/8" Thick.....	299.07	
40 05 19 00-4178	EA			48" Full Face Flange Neoprene Gasket, 1/8" Thick.....	327.44	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

40 05 19 00-4179		Full Face Flange FKM Gaskets (40 05 19 00-4118)		
Note: (Fluoroelastomer Fluorel Viton®)				
40 05 19 00-4180	EA	4" Full Face Flange FKM Gasket, 1/8" Thick .....	131.67	
40 05 19 00-4181	EA	6" Full Face Flange FKM Gasket, 1/8" Thick .....	196.04	
40 05 19 00-4182	EA	8" Full Face Flange FKM Gasket, 1/8" Thick .....	261.87	
40 05 19 00-4183	EA	10" Full Face Flange FKM Gasket, 1/8" Thick .....	316.00	
40 05 19 00-4184	EA	12" Full Face Flange FKM Gasket, 1/8" Thick .....	411.09	
40 05 19 00-4185	EA	14" Full Face Flange FKM Gasket, 1/8" Thick .....	751.96	
40 05 19 00-4186	EA	16" Full Face Flange FKM Gasket, 1/8" Thick .....	861.68	
40 05 19 00-4187	EA	18" Full Face Flange FKM Gasket, 1/8" Thick .....	902.64	
40 05 19 00-4188	EA	20" Full Face Flange FKM Gasket, 1/8" Thick .....	962.62	
40 05 19 00-4189	EA	24" Full Face Flange FKM Gasket, 1/8" Thick .....	1,331.28	
40 05 19 00-4190	EA	30" Full Face Flange FKM Gasket, 1/8" Thick .....	1,596.08	
40 05 19 00-4191	EA	36" Full Face Flange FKM Gasket, 1/8" Thick .....	1,683.86	
40 05 19 00-4192	EA	42" Full Face Flange FKM Gasket, 1/8" Thick .....	2,099.33	
40 05 19 00-4193	EA	48" Full Face Flange FKM Gasket, 1/8" Thick .....	2,200.28	

40 05 19 00-4194		Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) (40 05 19)		
40 05 19 00-4195	EA	4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	405.82	79.39
40 05 19 00-4196	EA	6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	561.83	96.91
40 05 19 00-4197	EA	8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	829.71	118.19
40 05 19 00-4198	EA	10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	1,138.16	144.19
40 05 19 00-4199	EA	12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	1,444.40	175.82
40 05 19 00-4200	EA	14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	2,315.33	214.51
40 05 19 00-4201	EA	16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	3,635.35	261.79
40 05 19 00-4202	EA	18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	3,757.44	319.30
40 05 19 00-4203	EA	20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	4,603.29	389.63
40 05 19 00-4204	EA	24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	5,132.23	475.24
40 05 19 00-4205	EA	30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	6,611.82	579.92
40 05 19 00-4206	EA	36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	9,817.38	707.40
40 05 19 00-4207	EA	42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	25,517.29	863.11
40 05 19 00-4208	EA	48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) .....	32,589.90	1,052.92

**40 05 23 Stainless Steel Process Pipe and Tubing (40 05)****40 05 23 23 300- and 400-Series Stainless Steel Process Pipe (40 05 23)**

40 05 23 23-0001		Schedule 40 Pipe, Type 304, With 150 Lb. Screwed Fittings Assembly (40 05 23)		
23) Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.				
40 05 23 23-0002	LF	1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	39.20	9.43
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			5.27	
<i>For Work In Restricted Working Space, Add</i>			5.69	
40 05 23 23-0003	LF	3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	43.74	10.81
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			5.52	
<i>For Work In Restricted Working Space, Add</i>			6.76	
40 05 23 23-0004	LF	1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	51.00	12.19
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			6.47	
<i>For Work In Restricted Working Space, Add</i>			7.84	
40 05 23 23-0005	LF	1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	59.53	14.73
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			8.16	
<i>For Work In Restricted Working Space, Add</i>			8.44	
40 05 23 23-0006	LF	1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	66.12	15.15
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			9.35	
<i>For Work In Restricted Working Space, Add</i>			9.05	
40 05 23 23-0007	LF	2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	80.19	20.03
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			11.40	
<i>For Work In Restricted Working Space, Add</i>			10.90	
40 05 23 23-0008	LF	2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	120.42	24.69
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			19.61	
<i>For Work In Restricted Working Space, Add</i>			13.50	
40 05 23 23-0009	LF	3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	153.27	28.61
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Type 316, Add</i>			25.53	
<i>For Work In Restricted Working Space, Add</i>			16.52	
40 05 23 23-0010	LF	4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 Lb. Screwed Fitting Assembly .....	211.29	28.61
Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.				
<i>For Work In Restricted Working Space, Add</i>			20.96	

40 05 23 23-0011 Stainless Steel Tubing And Fittings (40 05 23 23)

40 05 23 23-0012 Type 304 Tubing (40 05 23 23-0011)





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 23 23-0013</b> <b>0.035" Wall</b> <small>(40 05 23 23-0012)</small>		
40 05 23 23-0014    LF 1/4", 0.035" Wall, Type 304, Stainless Steel Tubing.....	8.68	3.11
<i>For Work In Restricted Working Space, Add</i>	1.85	
40 05 23 23-0015    LF 3/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....	10.03	3.69
<i>For Work In Restricted Working Space, Add</i>	2.22	
40 05 23 23-0016    LF 1/2", 0.035" Wall, Type 304, Stainless Steel Tubing.....	12.00	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0017    LF 5/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....	20.08	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0018    LF 3/4", 0.035" Wall, Type 304, Stainless Steel Tubing.....	23.88	5.53
<i>For Work In Restricted Working Space, Add</i>	3.34	
40 05 23 23-0019    LF 7/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....	26.43	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0020    LF 1", 0.035" Wall, Type 304, Stainless Steel Tubing.....	29.41	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
<b>40 05 23 23-0021</b> <b>0.049" Wall</b> <small>(40 05 23 23-0012)</small>		
40 05 23 23-0022    LF 1/4", 0.049" Wall, Type 304, Stainless Steel Tubing.....	14.82	3.69
<i>For Work In Restricted Working Space, Add</i>	2.22	
40 05 23 23-0023    LF 3/8", 0.049" Wall, Type 304, Stainless Steel Tubing.....	16.46	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0024    LF 1/2", 0.049" Wall, Type 304, Stainless Steel Tubing.....	19.86	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0025    LF 5/8", 0.049" Wall, Type 304, Stainless Steel Tubing.....	25.14	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0026    LF 3/4", 0.049" Wall, Type 304, Stainless Steel Tubing.....	28.68	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
40 05 23 23-0027    LF 7/8", 0.049" Wall, Type 304, Stainless Steel Tubing.....	32.15	8.64
<i>For Work In Restricted Working Space, Add</i>	5.20	
40 05 23 23-0028    LF 1", 0.049" Wall, Type 304, Stainless Steel Tubing.....	37.13	9.79
<i>For Work In Restricted Working Space, Add</i>	5.91	
<b>40 05 23 23-0029</b> <b>0.065" Wall</b> <small>(40 05 23 23-0012)</small>		
40 05 23 23-0030    LF 1/4", 0.065" Wall, Type 304, Stainless Steel Tubing.....	17.29	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0031    LF 3/8", 0.065" Wall, Type 304, Stainless Steel Tubing.....	19.92	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0032    LF 1/2", 0.065" Wall, Type 304, Stainless Steel Tubing.....	24.53	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0033    LF 5/8", 0.065" Wall, Type 304, Stainless Steel Tubing.....	28.79	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
40 05 23 23-0034    LF 3/4", 0.065" Wall, Type 304, Stainless Steel Tubing.....	33.98	8.64
<i>For Work In Restricted Working Space, Add</i>	5.20	
40 05 23 23-0035    LF 7/8", 0.065" Wall, Type 304, Stainless Steel Tubing.....	39.08	9.79
<i>For Work In Restricted Working Space, Add</i>	5.91	
40 05 23 23-0036    LF 1", 0.065" Wall, Type 304, Stainless Steel Tubing.....	44.05	11.06
<i>For Work In Restricted Working Space, Add</i>	6.65	
<b>40 05 23 23-0037</b> <b>Type 304 Tube Fittings</b> <small>(40 05 23 23-0011)</small>		
<b>40 05 23 23-0038</b> <b>90 Degree Elbows</b> <small>(40 05 23 23-0037)</small>		
40 05 23 23-0039    EA 1/4", Type 304, Stainless Steel, 90 Degree Elbow.....	56.28	12.45
<i>For Work In Restricted Working Space, Add</i>	7.43	
40 05 23 23-0040    EA 3/8", Type 304, Stainless Steel, 90 Degree Elbow.....	66.83	13.60
<i>For Work In Restricted Working Space, Add</i>	8.14	
40 05 23 23-0041    EA 1/2", Type 304, Stainless Steel, 90 Degree Elbow.....	101.94	15.33
<i>For Work In Restricted Working Space, Add</i>	9.22	
40 05 23 23-0042    EA 5/8", Type 304, Stainless Steel, 90 Degree Elbow.....	108.69	17.17
<i>For Work In Restricted Working Space, Add</i>	10.32	
40 05 23 23-0043    EA 3/4", Type 304, Stainless Steel, 90 Degree Elbow.....	121.73	18.56
<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0044    EA 7/8", Type 304, Stainless Steel, 90 Degree Elbow.....	167.48	20.63
<i>For Work In Restricted Working Space, Add</i>	12.35	
40 05 23 23-0045    EA 1", Type 304, Stainless Steel, 90 Degree Elbow.....	213.70	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	
<b>40 05 23 23-0046</b> <b>Union Tees</b> <small>(40 05 23 23-0037)</small>		
40 05 23 23-0047    EA 1/4", Type 304, Stainless Steel, Union Tee.....	89.55	18.56
<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0048    EA 3/8", Type 304, Stainless Steel, Union Tee.....	109.11	20.63
<i>For Work In Restricted Working Space, Add</i>	12.35	
40 05 23 23-0049    EA 1/2", Type 304, Stainless Steel, Union Tee.....	150.34	23.05
<i>For Work In Restricted Working Space, Add</i>	13.83	
40 05 23 23-0050    EA 5/8", Type 304, Stainless Steel, Union Tee.....	161.41	26.16
<i>For Work In Restricted Working Space, Add</i>	15.71	
40 05 23 23-0051    EA 3/4", Type 304, Stainless Steel, Union Tee.....	207.53	28.11
<i>For Work In Restricted Working Space, Add</i>	16.87	



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0052	EA 7/8", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	333.08 18.69	31.12
40 05 23 23-0053	EA 1", Type 304, Stainless Steel, Union Tee <i>For Work In Restricted Working Space, Add</i>	399.23 22.31	37.22
<b>40 05 23 23-0054</b>	<b>Unions</b> <small>(40 05 23 23-0037)</small>		
40 05 23 23-0055	EA 1/4", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	85.38 11.15	18.56
40 05 23 23-0056	EA 3/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	111.46 12.35	20.63
40 05 23 23-0057	EA 1/2", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	151.88 13.83	23.05
40 05 23 23-0058	EA 5/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	185.62 15.71	26.16
40 05 23 23-0059	EA 3/4", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	222.26 16.87	28.11
40 05 23 23-0060	EA 7/8", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	344.83 18.69	31.12
40 05 23 23-0061	EA 1", Type 304, Stainless Steel, Union <i>For Work In Restricted Working Space, Add</i>	365.93 22.31	37.22
<b>40 05 23 23-0062</b>	<b>Male Connectors</b> <small>(40 05 23 23-0037)</small>		
40 05 23 23-0063	EA 1/4" x 1/4", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	41.36 7.43	12.45
40 05 23 23-0064	EA 3/8" x 3/8", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	52.16 8.14	13.60
40 05 23 23-0065	EA 1/2" x 1/2", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	68.20 9.22	15.33
40 05 23 23-0066	EA 5/8" x 5/8" Male Connection, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	76.88 10.32	17.17
40 05 23 23-0067	EA 3/4" x 3/4", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	93.46 11.15	18.56
40 05 23 23-0068	EA 7/8" x 7/8", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	142.69 12.35	20.63
40 05 23 23-0069	EA 1" x 1", Type 304, Stainless Steel, Male Connection <i>For Work In Restricted Working Space, Add</i>	148.67 14.71	24.55
<b>40 05 23 23-0070</b>	<b>Type 304 Valves</b> <small>(40 05 23 23-0011)</small>		
<b>40 05 23 23-0071</b>	<b>Gate Valves</b> <small>(40 05 23 23-0070)</small>		
40 05 23 23-0072	EA 1/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	230.91 10.07	18.56
40 05 23 23-0073	EA 3/8" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	391.20 10.60	21.78
40 05 23 23-0074	EA 1/2" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	404.91 14.71	24.55
40 05 23 23-0075	EA 3/4" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	448.68 16.87	28.11
40 05 23 23-0076	EA 1" Gate Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	409.63 22.31	37.22
<b>40 05 23 23-0077</b>	<b>Globe Valves</b> <small>(40 05 23 23-0070)</small>		
40 05 23 23-0078	EA 1/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	234.14 10.07	18.56
40 05 23 23-0079	EA 3/8" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	153.39 10.60	21.78
40 05 23 23-0080	EA 1/2" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	277.00 14.71	24.55
40 05 23 23-0081	EA 3/4" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	308.20 16.87	28.11
40 05 23 23-0082	EA 1" Globe Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	450.34 22.31	37.22
<b>40 05 23 23-0083</b>	<b>Check Valves</b> <small>(40 05 23 23-0070)</small>		
40 05 23 23-0084	EA 1/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	329.17 10.07	18.56
40 05 23 23-0085	EA 3/8" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	330.95 10.60	21.78
40 05 23 23-0086	EA 1/2" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	214.28 14.71	24.55
40 05 23 23-0087	EA 3/4" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	223.86 16.87	28.11
40 05 23 23-0088	EA 1" Check Valve, Stainless Steel Type 304 <i>For Work In Restricted Working Space, Add</i>	246.78 22.31	37.22
<b>40 05 23 23-0089</b>	<b>Plug Valves</b> <small>(40 05 23 23-0070)</small>		



<b>Process Interconnections</b> <b>40</b>
<b>Common Work Results For Process Interconnections</b> <b>40 05</b>
<b>Stainless Steel Process Pipe and Tubing</b> <b>40 05 23</b>

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0090 EA 1/2" Plug Valve, Stainless Steel Type 304.....	509.43	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	
40 05 23 23-0091 EA 3/4" Plug Valve, Stainless Steel Type 304.....	557.53	28.11
<i>For Work In Restricted Working Space, Add</i>	16.87	
40 05 23 23-0092 EA 1" Plug Valve, Stainless Steel Type 304.....	630.22	37.22
<i>For Work In Restricted Working Space, Add</i>	22.31	
40 05 23 23-0093 EA 1-1/2" Plug Valve, Stainless Steel Type 304.....	877.19	42.07
<i>For Work In Restricted Working Space, Add</i>	25.24	
40 05 23 23-0094 EA 2" Plug Valve, Stainless Steel Type 304.....	1,141.71	57.62
<i>For Work In Restricted Working Space, Add</i>	34.57	
<b>40 05 23 23-0095 Type 316 Tubing</b> <small>(40 05 23 23-0011)</small>		
<b>40 05 23 23-0096 0.035" Wall</b> <small>(40 05 23 23-0095)</small>		
40 05 23 23-0097 LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall.....	9.06	3.11
<i>For Work In Restricted Working Space, Add</i>	1.85	
40 05 23 23-0098 LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall.....	11.89	3.69
<i>For Work In Restricted Working Space, Add</i>	2.22	
40 05 23 23-0099 LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall.....	13.14	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0100 LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall.....	23.09	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0101 LF 3/4" Stainless Steel Tubing, Type 316, 0.035" Wall.....	26.22	5.53
<i>For Work In Restricted Working Space, Add</i>	3.34	
40 05 23 23-0102 LF 7/8" Stainless Steel Tubing, Type 316, 0.035" Wall.....	33.61	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0103 LF 1" Stainless Steel Tubing, Type 316, 0.035" Wall.....	34.97	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
<b>40 05 23 23-0104 0.049" Wall</b> <small>(40 05 23 23-0095)</small>		
40 05 23 23-0105 LF 1/4" Stainless Steel Tubing, Type 316, 0.049" Wall.....	16.43	3.69
<i>For Work In Restricted Working Space, Add</i>	2.22	
40 05 23 23-0106 LF 3/8" Stainless Steel Tubing, Type 316, 0.049" Wall.....	18.15	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0107 LF 1/2" Stainless Steel Tubing, Type 316, 0.049" Wall.....	21.44	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0108 LF 5/8" Stainless Steel Tubing, Type 316, 0.049" Wall.....	28.07	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0109 LF 3/4" Stainless Steel Tubing, Type 316, 0.049" Wall.....	32.32	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
40 05 23 23-0110 LF 7/8" Stainless Steel Tubing, Type 316, 0.049" Wall.....	41.50	8.64
<i>For Work In Restricted Working Space, Add</i>	5.20	
40 05 23 23-0111 LF 1" Stainless Steel Tubing, Type 316, 0.049" Wall.....	42.04	9.79
<i>For Work In Restricted Working Space, Add</i>	5.91	
<b>40 05 23 23-0112 0.065" Wall</b> <small>(40 05 23 23-0095)</small>		
40 05 23 23-0113 LF 1/4" Stainless Steel Tubing, Type 316, 0.065" Wall.....	19.21	4.38
<i>For Work In Restricted Working Space, Add</i>	2.60	
40 05 23 23-0114 LF 3/8" Stainless Steel Tubing, Type 316, 0.065" Wall.....	21.38	4.96
<i>For Work In Restricted Working Space, Add</i>	2.97	
40 05 23 23-0115 LF 1/2" Stainless Steel Tubing, Type 316, 0.065" Wall.....	26.83	6.23
<i>For Work In Restricted Working Space, Add</i>	3.72	
40 05 23 23-0116 LF 5/8" Stainless Steel Tubing, Type 316, 0.065" Wall.....	31.96	7.49
<i>For Work In Restricted Working Space, Add</i>	4.46	
40 05 23 23-0117 LF 3/4" Stainless Steel Tubing, Type 316, 0.065" Wall.....	38.84	8.64
<i>For Work In Restricted Working Space, Add</i>	5.20	
40 05 23 23-0118 LF 7/8" Stainless Steel Tubing, Type 316, 0.065" Wall.....	42.69	9.79
<i>For Work In Restricted Working Space, Add</i>	5.91	
40 05 23 23-0119 LF 1" Stainless Steel Tubing, Type 316, 0.065" Wall.....	49.86	11.06
<i>For Work In Restricted Working Space, Add</i>	6.65	
<b>40 05 23 23-0120 Type 316 Tube Fittings</b> <small>(40 05 23 23-0011)</small>		
<b>40 05 23 23-0121 90 Degree Elbows</b> <small>(40 05 23 23-0120)</small>		
40 05 23 23-0122 EA 1/4" 90 Degree Elbow, Stainless Steel Type 316.....	79.01	12.45
<i>For Work In Restricted Working Space, Add</i>	7.43	
40 05 23 23-0123 EA 3/8" 90 Degree Elbow, Stainless Steel Type 316.....	95.50	13.60
<i>For Work In Restricted Working Space, Add</i>	8.14	
40 05 23 23-0124 EA 1/2" 90 Degree Elbow, Stainless Steel Type 316.....	153.34	15.33
<i>For Work In Restricted Working Space, Add</i>	9.22	
40 05 23 23-0125 EA 5/8" 90 Degree Elbow, Stainless Steel Type 316.....	162.32	17.17
<i>For Work In Restricted Working Space, Add</i>	10.32	
40 05 23 23-0126 EA 3/4" 90 Degree Elbow, Stainless Steel Type 316.....	182.77	18.56
<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0127 EA 7/8" 90 Degree Elbow, Stainless Steel Type 316.....	258.68	20.63
<i>For Work In Restricted Working Space, Add</i>	12.35	
40 05 23 23-0128 EA 1" 90 Degree Elbow, Stainless Steel Type 316.....	332.59	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0129		<b>Union Tees</b> (40 05 23 23-0120)		
40 05 23	23-0130	EA	1/4" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	127.36 11.15	18.56
40 05 23	23-0131	EA	3/8" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	158.17 12.35	20.63
40 05 23	23-0132	EA	1/2" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	225.60 13.83	23.05
40 05 23	23-0133	EA	5/8" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	240.13 15.71	26.16
40 05 23	23-0134	EA	3/4" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	316.78 16.87	28.11
40 05 23	23-0135	EA	7/8" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	528.58 18.69	31.12
40 05 23	23-0136	EA	1" Union Tee, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	633.78 22.31	37.22
40 05 23	23-0137		<b>Unions</b> (40 05 23 23-0120)		
40 05 23	23-0138	EA	1/4" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	79.61 11.15	18.56
40 05 23	23-0139	EA	3/8" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	103.06 12.35	20.63
40 05 23	23-0140	EA	1/2" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	139.24 13.83	23.05
40 05 23	23-0141	EA	5/8" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	169.69 15.71	26.16
40 05 23	23-0142	EA	3/4" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	202.41 16.87	28.11
40 05 23	23-0143	EA	7/8" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	311.06 18.69	31.12
40 05 23	23-0144	EA	1" Union, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	331.07 22.31	37.22
40 05 23	23-0145		<b>Male Connectors</b> (40 05 23 23-0120)		
40 05 23	23-0146	EA	1/4" x 1/4" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	53.08 7.43	12.45
40 05 23	23-0147	EA	3/8" x 3/8" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	69.86 8.14	13.60
40 05 23	23-0148	EA	1/2" x 1/2" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	94.69 9.22	15.33
40 05 23	23-0149	EA	5/8" x 5/8" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	106.91 10.32	17.17
40 05 23	23-0150	EA	3/4" x 3/4" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	133.26 11.15	18.56
40 05 23	23-0151	EA	7/8" x 7/8" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	214.47 12.35	20.63
40 05 23	23-0152	EA	1" x 1" Male Connector, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	219.11 14.71	24.55
40 05 23	23-0153		<b>Type 316 Valves</b> (40 05 23 23-0011)		
40 05 23	23-0154		<b>Gate Valves</b> (40 05 23 23-0153)		
40 05 23	23-0155	EA	1/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	294.63 10.07	18.56
40 05 23	23-0156	EA	3/8" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	506.10 10.60	21.78
40 05 23	23-0157	EA	1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	519.81 14.71	24.55
40 05 23	23-0158	EA	3/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	575.40 16.87	28.11
40 05 23	23-0159	EA	1" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	517.88 22.31	37.22
40 05 23	23-0160	EA	1-1/4" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	714.65 23.16	38.61
40 05 23	23-0161	EA	1-1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	1,153.34 25.24	42.07
40 05 23	23-0162	EA	2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	1,369.79 34.57	57.62
40 05 23	23-0163	EA	2-1/2" Gate Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	2,008.36 110.67	184.50
40 05 23	23-0164		<b>Globe Valves</b> (40 05 23 23-0153)		
40 05 23	23-0165	EA	1/4" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	298.91 10.07	18.56
40 05 23	23-0166	EA	3/8" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	191.52 10.60	21.78
40 05 23	23-0167	EA	1/2" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	350.61 14.71	24.55
40 05 23	23-0168	EA	3/4" Globe Valve, Stainless Steel Type 316 ..... <i>For Work In Restricted Working Space, Add</i>	389.56 16.87	28.11



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0169 EA 1" Globe Valve, Stainless Steel Type 316 .....	571.73	37.22
For Work In Restricted Working Space, Add	22.31	
40 05 23 23-0170 EA 1-1/4" Globe Valve, Stainless Steel Type 316 .....	716.14	38.38
For Work In Restricted Working Space, Add	22.99	
40 05 23 23-0171 EA 1-1/2" Globe Valve, Stainless Steel Type 316 .....	1,196.11	42.07
For Work In Restricted Working Space, Add	25.24	
40 05 23 23-0172 EA 2" Globe Valve, Stainless Steel Type 316 .....	1,412.56	57.62
For Work In Restricted Working Space, Add	34.57	
40 05 23 23-0173 EA 2-1/2" Globe Valve, Stainless Steel Type 316 .....	1,737.49	184.50
For Work In Restricted Working Space, Add	110.67	
<b>40 05 23 23-0174 Check Valves</b> <small>(40 05 23 23-0153)</small>		
40 05 23 23-0175 EA 1/4" Check Valve, Stainless Steel Type 316 .....	424.61	18.56
For Work In Restricted Working Space, Add	10.07	
40 05 23 23-0176 EA 3/8" Check Valve, Stainless Steel Type 316 .....	426.39	21.78
For Work In Restricted Working Space, Add	10.60	
40 05 23 23-0177 EA 1/2" Check Valve, Stainless Steel Type 316 .....	267.64	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0178 EA 3/4" Check Valve, Stainless Steel Type 316 .....	277.98	28.11
For Work In Restricted Working Space, Add	16.87	
40 05 23 23-0179 EA 1" Check Valve, Stainless Steel Type 316 .....	302.45	37.22
For Work In Restricted Working Space, Add	22.31	
40 05 23 23-0180 EA 1-1/4" Check Valve, Stainless Steel Type 316 .....	421.93	38.61
For Work In Restricted Working Space, Add	23.16	
40 05 23 23-0181 EA 1-1/2" Check Valve, Stainless Steel Type 316 .....	953.75	42.07
For Work In Restricted Working Space, Add	25.24	
40 05 23 23-0182 EA 2" Check Valve, Stainless Steel Type 316 .....	1,155.95	57.62
For Work In Restricted Working Space, Add	34.57	
40 05 23 23-0183 EA 2-1/2" Check Valve, Stainless Steel Type 316 .....	2,269.72	184.50
For Work In Restricted Working Space, Add	110.67	
<b>40 05 23 23-0184 Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined</b> <small>(40 05 23 23-0153)</small>		
40 05 23 23-0185 EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined .....	454.32	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0186 EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined .....	530.89	28.11
For Work In Restricted Working Space, Add	16.87	
40 05 23 23-0187 EA 1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined .....	676.71	37.22
For Work In Restricted Working Space, Add	22.31	
40 05 23 23-0188 EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined .....	1,083.43	42.07
For Work In Restricted Working Space, Add	25.24	
40 05 23 23-0189 EA 2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined .....	1,514.28	57.62
For Work In Restricted Working Space, Add	34.57	
<b>40 05 23 23-0190 Diaphragm Valves, Teflon Lined</b> <small>(40 05 23 23-0153)</small>		
40 05 23 23-0191 EA 1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined .....	604.21	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0192 EA 3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined .....	694.67	28.11
For Work In Restricted Working Space, Add	16.87	
40 05 23 23-0193 EA 1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined .....	840.49	37.22
For Work In Restricted Working Space, Add	22.31	
40 05 23 23-0194 EA 1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined .....	1,313.82	42.07
For Work In Restricted Working Space, Add	25.24	
40 05 23 23-0195 EA 2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined .....	1,789.08	57.62
For Work In Restricted Working Space, Add	34.57	
<b>40 05 23 23-0196 Strainers</b> <small>(40 05 23 23-0153)</small>		
40 05 23 23-0197 EA 1/2" Strainer, Stainless Steel Type 316 .....	605.66	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0198 EA 3/4" Strainer, Stainless Steel Type 316 .....	725.16	28.24
For Work In Restricted Working Space, Add	16.94	
40 05 23 23-0199 EA 1" Strainer, Stainless Steel Type 316 .....	948.66	37.45
For Work In Restricted Working Space, Add	22.48	
40 05 23 23-0200 EA 1-1/4" Strainer, Stainless Steel Type 316 .....	1,180.38	38.61
For Work In Restricted Working Space, Add	23.17	
40 05 23 23-0201 EA 1-1/2" Strainer, Stainless Steel Type 316 .....	1,483.52	42.07
For Work In Restricted Working Space, Add	25.24	
40 05 23 23-0202 EA 2" Strainer, Stainless Steel Type 316 .....	2,140.36	57.62
For Work In Restricted Working Space, Add	34.58	
40 05 23 23-0203 EA 2-1/2" Strainer, Stainless Steel Type 316 .....	2,942.24	76.64
For Work In Restricted Working Space, Add	45.99	
40 05 23 23-0204 EA 3" Strainer, Stainless Steel Type 316 .....	4,283.59	115.24
For Work In Restricted Working Space, Add	69.15	
40 05 23 23-0205 EA 4" Strainer, Stainless Steel Type 316 .....	5,471.75	184.39
For Work In Restricted Working Space, Add	110.63	
<b>40 05 23 23-0206 Plug Valves</b> <small>(40 05 23 23-0153)</small>		

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0207	EA 1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	645.89 14.71	24.55
40 05 23 23-0208	EA 3/4" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	706.12 16.87	28.11
40 05 23 23-0209	EA 1" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	794.99 22.31	37.22
40 05 23 23-0210	EA 1-1/2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,112.27 25.24	42.07
40 05 23 23-0211	EA 2" Plug Valve, Stainless Steel Type 316..... <i>For Work In Restricted Working Space, Add</i>	1,445.97 34.57	57.62
<b>40 05 23 23-0212</b>	<b>Cut And Prepare Existing Pipe In-Place</b> <small>(40 05 23 23-0011)</small> Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213	EA Cut And Prepare 1/2" Stainless Steel Pipe.....	23.01	
40 05 23 23-0214	EA Cut And Prepare 3/4" Stainless Steel Pipe.....	24.85	
40 05 23 23-0215	EA Cut And Prepare 1" Stainless Steel Pipe.....	27.96	
40 05 23 23-0216	EA Cut And Prepare 1-1/4" Stainless Steel Pipe.....	29.34	
40 05 23 23-0217	EA Cut And Prepare 1-1/2" Stainless Steel Pipe.....	31.06	
40 05 23 23-0218	EA Cut And Prepare 2" Stainless Steel Pipe.....	33.36	
40 05 23 23-0219	EA Cut And Prepare 2-1/2" Stainless Steel Pipe.....	35.67	
40 05 23 23-0220	EA Cut And Prepare 3" Stainless Steel Pipe.....	39.12	
40 05 23 23-0221	EA Cut And Prepare 4" Stainless Steel Pipe.....	42.57	
40 05 23 23-0222	EA Cut And Prepare 6" Stainless Steel Pipe.....	46.02	
40 05 23 23-0223	EA Cut And Prepare 8" Stainless Steel Pipe.....	49.47	
40 05 23 23-0224	EA Cut And Prepare 10" Stainless Steel Pipe.....	54.08	
40 05 23 23-0225	EA Cut And Prepare 12" Stainless Steel Pipe.....	58.68	
40 05 23 23-0226	EA Cut And Prepare 14" Stainless Steel Pipe.....	63.28	
40 05 23 23-0227	EA Cut And Prepare 16" Stainless Steel Pipe.....	67.88	
40 05 23 23-0228	EA Cut And Prepare 18" Stainless Steel Pipe.....	71.34	
40 05 23 23-0229	EA Cut And Prepare 20" Stainless Steel Pipe.....	74.78	
40 05 23 23-0230	EA Cut And Prepare 24" Stainless Steel Pipe.....	79.39	
<b>40 05 23 23-0231</b>	<b>Stainless Steel Pipe And Fittings</b> <small>(40 05 23 23)</small>		
<b>40 05 23 23-0232</b>	<b>Type 304, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings</b> <small>(40 05 23 23-0231)</small>		
<b>40 05 23 23-0233</b>	<b>Type 304, Schedule 40 Stainless Steel Threaded Pipe</b> <small>(40 05 23 23-0232)</small>		
40 05 23 23-0234	LF 1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	19.86 2.97	4.96
40 05 23 23-0235	LF 3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	24.37 3.72	6.23
40 05 23 23-0236	LF 1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	30.09 4.46	7.49
40 05 23 23-0237	LF 1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	36.35 5.20	8.64
40 05 23 23-0238	LF 1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	42.19 5.91	9.79
40 05 23 23-0239	LF 2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	54.04 7.43	12.45
40 05 23 23-0240	LF 2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	74.72 8.87	14.75
40 05 23 23-0241	LF 3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	93.91 11.15	18.56
40 05 23 23-0242	LF 4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 Lb. Threaded Fitting..... <i>For Work In Restricted Working Space, Add</i>	127.58 14.71	24.55
<b>40 05 23 23-0243</b>	<b>150#, Type 304 Stainless Steel Threaded 90 Degree Elbows</b> <small>(40 05 23 23-0232)</small>		
40 05 23 23-0244	EA 1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	40.50 11.15	18.56
40 05 23 23-0245	EA 3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	53.80 14.71	24.55
40 05 23 23-0246	EA 1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	69.23 18.69	31.12
40 05 23 23-0247	EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	97.21 25.61	42.64
40 05 23 23-0248	EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	115.99 30.06	50.13
40 05 23 23-0249	EA 2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	141.34 36.39	60.62
40 05 23 23-0250	EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	237.70 57.62	96.00
40 05 23 23-0251	EA 3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	305.94 74.35	123.89
40 05 23 23-0252	EA 4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	420.73 92.20	153.62
<b>40 05 23 23-0253</b>	<b>150#, Type 304 Stainless Steel Threaded 45 Degree Elbows</b> <small>(40 05 23 23-0232)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0254 EA 1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	41.27	18.56
<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-0255 EA 3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	55.04	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	
40 05 23 23-0256 EA 1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	69.62	31.12
<i>For Work In Restricted Working Space, Add</i>	18.69	
40 05 23 23-0257 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	97.06	42.64
<i>For Work In Restricted Working Space, Add</i>	25.61	
40 05 23 23-0258 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	114.16	50.13
<i>For Work In Restricted Working Space, Add</i>	30.06	
40 05 23 23-0259 EA 2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	140.92	60.62
<i>For Work In Restricted Working Space, Add</i>	36.39	
40 05 23 23-0260 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	246.01	96.00
<i>For Work In Restricted Working Space, Add</i>	57.62	
40 05 23 23-0261 EA 3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	322.15	123.89
<i>For Work In Restricted Working Space, Add</i>	74.35	
40 05 23 23-0262 EA 4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow .....	439.61	153.62
<i>For Work In Restricted Working Space, Add</i>	92.20	
<b>40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees (40 05 23 23-0232)</b>		
40 05 23 23-0264 EA 1/2", 150#, Type 304 Stainless Steel Threaded Tee .....	60.75	28.11
<i>For Work In Restricted Working Space, Add</i>	16.87	
40 05 23 23-0265 EA 3/4", 150#, Type 304 Stainless Steel Threaded Tee .....	81.53	37.22
<i>For Work In Restricted Working Space, Add</i>	22.31	
40 05 23 23-0266 EA 1", 150#, Type 304 Stainless Steel Threaded Tee .....	101.33	46.10
<i>For Work In Restricted Working Space, Add</i>	27.66	
40 05 23 23-0267 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Tee .....	146.23	64.08
<i>For Work In Restricted Working Space, Add</i>	38.42	
40 05 23 23-0268 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Tee .....	166.66	72.02
<i>For Work In Restricted Working Space, Add</i>	43.22	
40 05 23 23-0269 EA 2", 150#, Type 304 Stainless Steel Threaded Tee .....	221.10	96.00
<i>For Work In Restricted Working Space, Add</i>	57.62	
40 05 23 23-0270 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Tee .....	339.93	138.87
<i>For Work In Restricted Working Space, Add</i>	83.31	
40 05 23 23-0271 EA 3", 150#, Type 304 Stainless Steel Threaded Tee .....	461.44	185.89
<i>For Work In Restricted Working Space, Add</i>	111.53	
40 05 23 23-0272 EA 4", 150#, Type 304 Stainless Steel Threaded Tee .....	622.96	230.49
<i>For Work In Restricted Working Space, Add</i>	138.29	
<b>40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers (40 05 23 23-0232)</b>		
40 05 23 23-0274 EA 3/4", 150#, Type 304 Stainless Steel Threaded Reducer .....	53.23	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	
40 05 23 23-0275 EA 1", 150#, Type 304 Stainless Steel Threaded Reducer .....	68.01	31.12
<i>For Work In Restricted Working Space, Add</i>	18.69	
40 05 23 23-0276 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer .....	93.73	42.64
<i>For Work In Restricted Working Space, Add</i>	25.61	
40 05 23 23-0277 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer .....	112.26	50.13
<i>For Work In Restricted Working Space, Add</i>	30.06	
40 05 23 23-0278 EA 2", 150#, Type 304 Stainless Steel Threaded Reducer .....	141.43	60.62
<i>For Work In Restricted Working Space, Add</i>	36.39	
40 05 23 23-0279 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer .....	235.24	96.00
<i>For Work In Restricted Working Space, Add</i>	57.62	
40 05 23 23-0280 EA 3", 150#, Type 304 Stainless Steel Threaded Reducer .....	309.30	123.89
<i>For Work In Restricted Working Space, Add</i>	74.35	
40 05 23 23-0281 EA 4", 150#, Type 304 Stainless Steel Threaded Reducer .....	409.13	153.62
<i>For Work In Restricted Working Space, Add</i>	92.20	
<b>40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps (40 05 23 23-0232)</b>		
40 05 23 23-0283 EA 1/2", 150#, Type 304 Stainless Steel Threaded Cap .....	20.81	9.34
<i>For Work In Restricted Working Space, Add</i>	5.58	
40 05 23 23-0284 EA 3/4", 150#, Type 304 Stainless Steel Threaded Cap .....	27.56	12.45
<i>For Work In Restricted Working Space, Add</i>	7.43	
40 05 23 23-0285 EA 1", 150#, Type 304 Stainless Steel Threaded Cap .....	34.89	15.33
<i>For Work In Restricted Working Space, Add</i>	9.22	
40 05 23 23-0286 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded Cap .....	51.03	21.78
<i>For Work In Restricted Working Space, Add</i>	13.05	
40 05 23 23-0287 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Cap .....	58.93	24.55
<i>For Work In Restricted Working Space, Add</i>	14.71	
40 05 23 23-0288 EA 2", 150#, Type 304 Stainless Steel Threaded Cap .....	74.89	31.12
<i>For Work In Restricted Working Space, Add</i>	18.69	
40 05 23 23-0289 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Cap .....	114.94	46.10
<i>For Work In Restricted Working Space, Add</i>	27.66	
40 05 23 23-0290 EA 3", 150#, Type 304 Stainless Steel Threaded Cap .....	152.75	60.62
<i>For Work In Restricted Working Space, Add</i>	36.39	
40 05 23 23-0291 EA 4", 150#, Type 304 Stainless Steel Threaded Cap .....	206.86	76.87
<i>For Work In Restricted Working Space, Add</i>	46.10	
<b>40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions (40 05 23 23-0232)</b>		

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0293	EA	1/2"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	65.57 16.87	28.11
40 05 23 23-0294	EA	3/4"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	86.20 22.31	37.22
40 05 23 23-0295	EA	1"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	110.09 27.66	46.10
40 05 23 23-0296	EA	1-1/4"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	159.10 38.42	64.08
40 05 23 23-0297	EA	1-1/2"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	179.15 43.22	72.02
40 05 23 23-0298	EA	2"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	234.11 57.62	96.00
40 05 23 23-0299	EA	2-1/2"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	401.95 86.43	144.06
40 05 23 23-0300	EA	3"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	515.13 111.53	185.89
40 05 23 23-0301	EA	4"	150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	540.05 92.21	153.68
<b>40 05 23 23-0302</b>			<b>150#, Type 304 Stainless Steel Threaded Couplings (40 05 23 23-0232)</b>		
40 05 23 23-0303	EA	1/2"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	40.18 11.15	18.56
40 05 23 23-0304	EA	3/4"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	53.38 14.71	24.55
40 05 23 23-0305	EA	1"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	68.89 18.69	31.12
40 05 23 23-0306	EA	1-1/4"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	95.85 25.61	42.64
40 05 23 23-0307	EA	1-1/2"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	112.66 30.06	50.13
40 05 23 23-0308	EA	2"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	138.87 36.39	60.62
40 05 23 23-0309	EA	2-1/2"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	230.61 57.62	96.00
40 05 23 23-0310	EA	3"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	297.64 74.35	123.89
40 05 23 23-0311	EA	4"	150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	384.72 92.20	153.62
<b>40 05 23 23-0312</b>			<b>Type 316, Schedule 40 Stainless Steel Pipe And 150 Lb. Threaded Fittings (40 05 23 23-0231)</b>		
<b>40 05 23 23-0313</b>			<b>Type 316, Schedule 40 Stainless Steel Threaded Pipe (40 05 23 23-0312)</b>		
40 05 23 23-0314	LF	1/2"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	25.13 2.97	4.96
40 05 23 23-0315	LF	3/4"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	29.57 3.72	6.23
40 05 23 23-0316	LF	1"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	37.56 4.46	7.49
40 05 23 23-0317	LF	1-1/4"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	46.12 5.20	8.64
40 05 23 23-0318	LF	1-1/2"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	53.76 5.91	9.79
40 05 23 23-0319	LF	2"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	69.53 7.43	12.45
40 05 23 23-0320	LF	2-1/2"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	96.36 8.87	14.75
40 05 23 23-0321	LF	3"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	126.19 11.15	18.56
40 05 23 23-0322	LF	4"	Pipe, Stainless Steel Schedule 40 Type 316 For 150 Lb. Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	169.60 14.71	24.55
<b>40 05 23 23-0323</b>			<b>150#, Type 316 Stainless Steel Threaded 90 Degree Elbows (40 05 23 23-0312)</b>		
40 05 23 23-0324	EA	1/2"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	41.51 11.15	18.56
40 05 23 23-0325	EA	3/4"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	55.30 14.71	24.55
40 05 23 23-0326	EA	1"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	70.15 18.69	31.12
40 05 23 23-0327	EA	1-1/4"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	98.86 25.61	42.64
40 05 23 23-0328	EA	1-1/2"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	118.19 30.06	50.13
40 05 23 23-0329	EA	2"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	144.06 36.39	60.62
40 05 23 23-0330	EA	2-1/2"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	242.04 57.62	96.00
40 05 23 23-0331	EA	3"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	316.56 74.35	123.89
40 05 23 23-0332	EA	4"	150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	433.63 92.20	153.62



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows <small>(40 05 23 23-0312)</small></b>		
40 05 23 23-0334 EA 1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	42.32	18.56
For Work In Restricted Working Space, Add	11.15	
40 05 23 23-0335 EA 3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	55.81	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0336 EA 1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	70.75	31.12
For Work In Restricted Working Space, Add	18.69	
40 05 23 23-0337 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	98.69	42.64
For Work In Restricted Working Space, Add	25.61	
40 05 23 23-0338 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	116.06	50.13
For Work In Restricted Working Space, Add	30.06	
40 05 23 23-0339 EA 2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	143.46	60.62
For Work In Restricted Working Space, Add	36.39	
40 05 23 23-0340 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	250.09	96.00
For Work In Restricted Working Space, Add	57.62	
40 05 23 23-0341 EA 3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	331.55	123.89
For Work In Restricted Working Space, Add	74.35	
40 05 23 23-0342 EA 4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow .....	464.96	153.62
For Work In Restricted Working Space, Add	92.20	
<b>40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees <small>(40 05 23 23-0312)</small></b>		
40 05 23 23-0344 EA 1/2", 150#, Type 316 Stainless Steel Threaded Tee .....	61.82	28.11
For Work In Restricted Working Space, Add	16.87	
40 05 23 23-0345 EA 3/4", 150#, Type 316 Stainless Steel Threaded Tee .....	82.62	37.22
For Work In Restricted Working Space, Add	22.31	
40 05 23 23-0346 EA 1", 150#, Type 316 Stainless Steel Threaded Tee .....	102.55	46.10
For Work In Restricted Working Space, Add	27.66	
40 05 23 23-0347 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Tee .....	148.70	64.08
For Work In Restricted Working Space, Add	38.42	
40 05 23 23-0348 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Tee .....	169.11	72.02
For Work In Restricted Working Space, Add	43.22	
40 05 23 23-0349 EA 2", 150#, Type 316 Stainless Steel Threaded Tee .....	224.33	96.00
For Work In Restricted Working Space, Add	57.62	
40 05 23 23-0350 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Tee .....	353.10	138.87
For Work In Restricted Working Space, Add	83.31	
40 05 23 23-0351 EA 3", 150#, Type 316 Stainless Steel Threaded Tee .....	479.40	185.89
For Work In Restricted Working Space, Add	111.53	
40 05 23 23-0352 EA 4", 150#, Type 316 Stainless Steel Threaded Tee .....	636.35	230.49
For Work In Restricted Working Space, Add	138.29	
<b>40 05 23 23-0353 150#, Type 316 Stainless Steel Threaded Reducers <small>(40 05 23 23-0312)</small></b>		
40 05 23 23-0354 EA 3/4", 150#, Type 316 Stainless Steel Threaded Reducer .....	54.14	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0355 EA 1", 150#, Type 316 Stainless Steel Threaded Reducer .....	70.73	31.12
For Work In Restricted Working Space, Add	18.69	
40 05 23 23-0356 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer .....	94.24	42.64
For Work In Restricted Working Space, Add	25.61	
40 05 23 23-0357 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer .....	114.93	50.13
For Work In Restricted Working Space, Add	30.06	
40 05 23 23-0358 EA 2", 150#, Type 316 Stainless Steel Threaded Reducer .....	146.11	60.62
For Work In Restricted Working Space, Add	36.39	
40 05 23 23-0359 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer .....	245.88	96.00
For Work In Restricted Working Space, Add	57.62	
40 05 23 23-0360 EA 3", 150#, Type 316 Stainless Steel Threaded Reducer .....	321.04	123.89
For Work In Restricted Working Space, Add	74.35	
40 05 23 23-0361 EA 4", 150#, Type 316 Stainless Steel Threaded Reducer .....	428.72	153.62
For Work In Restricted Working Space, Add	92.20	
<b>40 05 23 23-0362 150#, Type 316 Stainless Steel Threaded Caps <small>(40 05 23 23-0312)</small></b>		
40 05 23 23-0363 EA 1/2", 150#, Type 316 Stainless Steel Threaded Cap .....	21.41	9.34
For Work In Restricted Working Space, Add	5.58	
40 05 23 23-0364 EA 3/4", 150#, Type 316 Stainless Steel Threaded Cap .....	28.00	12.45
For Work In Restricted Working Space, Add	7.43	
40 05 23 23-0365 EA 1", 150#, Type 316 Stainless Steel Threaded Cap .....	35.69	15.33
For Work In Restricted Working Space, Add	9.22	
40 05 23 23-0366 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded Cap .....	53.23	21.78
For Work In Restricted Working Space, Add	13.05	
40 05 23 23-0367 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Cap .....	61.53	24.55
For Work In Restricted Working Space, Add	14.71	
40 05 23 23-0368 EA 2", 150#, Type 316 Stainless Steel Threaded Cap .....	78.29	31.12
For Work In Restricted Working Space, Add	18.69	
40 05 23 23-0369 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Cap .....	120.55	46.10
For Work In Restricted Working Space, Add	27.66	
40 05 23 23-0370 EA 3", 150#, Type 316 Stainless Steel Threaded Cap .....	158.45	60.62
For Work In Restricted Working Space, Add	36.39	
40 05 23 23-0371 EA 4", 150#, Type 316 Stainless Steel Threaded Cap .....	218.18	76.87
For Work In Restricted Working Space, Add	46.10	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0372			<b>150#, Type 316 Stainless Steel Threaded Unions</b> (40 05 23 23-0312)		
40 05 23 23-0373	EA		1/2", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	66.86 16.87	28.11
40 05 23 23-0374	EA		3/4", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	91.05 22.31	37.22
40 05 23 23-0375	EA		1", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	112.54 27.66	46.10
40 05 23 23-0376	EA		1-1/4", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	163.27 38.42	64.08
40 05 23 23-0377	EA		1-1/2", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	184.02 43.22	72.02
40 05 23 23-0378	EA		2", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	239.75 57.62	96.00
40 05 23 23-0379	EA		2-1/2", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	410.60 86.43	144.06
40 05 23 23-0380	EA		3", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	542.09 111.53	185.89
40 05 23 23-0381	EA		4", 150#, Type 316 Stainless Steel Threaded Union ..... <i>For Work In Restricted Working Space, Add</i>	597.50 92.21	153.68
40 05 23 23-0382			<b>150#, Type 316 Stainless Steel Threaded Couplings</b> (40 05 23 23-0312)		
40 05 23 23-0383	EA		1/2", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	42.21 11.15	18.56
40 05 23 23-0384	EA		3/4", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	54.32 14.71	24.55
40 05 23 23-0385	EA		1", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	69.79 18.69	31.12
40 05 23 23-0386	EA		1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling ..... <i>For Work In Restricted Working Space, Add</i>	97.28 25.61	42.64
40 05 23 23-0387	EA		1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling ..... <i>For Work In Restricted Working Space, Add</i>	114.37 30.06	50.13
40 05 23 23-0388	EA		2", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	141.24 36.39	60.62
40 05 23 23-0389	EA		2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling ..... <i>For Work In Restricted Working Space, Add</i>	238.90 57.62	96.00
40 05 23 23-0390	EA		3", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	308.31 74.35	123.89
40 05 23 23-0391	EA		4", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	400.74 92.20	153.62
40 05 23 23-0392			<b>Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings</b> (40 05 23 23-0231)		
40 05 23 23-0393			<b>Type 304, Schedule 10 Stainless Steel Pipe</b> (40 05 23 23-0392)		
40 05 23 23-0394	LF		1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	22.56 2.90	4.83
40 05 23 23-0395	LF		3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	26.73 3.54	5.90
40 05 23 23-0396	LF		1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	36.08 4.15	6.97
40 05 23 23-0397	LF		1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	43.89 5.19	8.69
40 05 23 23-0398	LF		1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	48.74 5.85	9.76
40 05 23 23-0399	LF		2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	60.27 7.25	12.12
40 05 23 23-0400	LF		2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	72.52 8.28	13.83
40 05 23 23-0401	LF		3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	86.14 9.33	15.55
40 05 23 23-0402	LF		4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	109.02 11.04	18.45
40 05 23 23-0403	LF		6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	161.06 14.49	24.24
40 05 23 23-0404	LF		8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	268.44 28.74	44.73
40 05 23 23-0405	LF		10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	348.49 31.61	49.18
40 05 23 23-0406	LF		12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	420.10 35.13	54.68
40 05 23 23-0407	LF		14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	520.92 39.52	61.48
40 05 23 23-0408	LF		16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	571.76 45.16	70.26
40 05 23 23-0409	LF		18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	638.30 52.69	81.96
40 05 23 23-0410	LF		20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	897.16 63.23	98.35
40 05 23 23-0411	LF		24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	1,173.80 79.04	122.94



	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0412				<b>Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow</b> <small>(40 05 23 23-0392)</small>		
40 05 23 23-0413	EA			1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	127.44	55.02
				<i>For Work In Restricted Working Space, Add</i>	36.68	
40 05 23 23-0414	EA			3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	134.96	58.40
				<i>For Work In Restricted Working Space, Add</i>	38.93	
40 05 23 23-0415	EA			1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	148.73	64.18
				<i>For Work In Restricted Working Space, Add</i>	42.79	
40 05 23 23-0416	EA			1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	162.33	69.95
				<i>For Work In Restricted Working Space, Add</i>	46.63	
40 05 23 23-0417	EA			1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	179.29	77.24
				<i>For Work In Restricted Working Space, Add</i>	51.50	
40 05 23 23-0418	EA			2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	200.44	85.94
				<i>For Work In Restricted Working Space, Add</i>	57.29	
40 05 23 23-0419	EA			2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	260.60	109.99
				<i>For Work In Restricted Working Space, Add</i>	73.32	
40 05 23 23-0420	EA			3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	305.70	128.90
				<i>For Work In Restricted Working Space, Add</i>	85.94	
40 05 23 23-0421	EA			4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	374.34	154.30
				<i>For Work In Restricted Working Space, Add</i>	102.86	
40 05 23 23-0422	EA			6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	512.62	192.75
				<i>For Work In Restricted Working Space, Add</i>	128.50	
40 05 23 23-0423	EA			8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	907.43	338.73
				<i>For Work In Restricted Working Space, Add</i>	225.82	
40 05 23 23-0424	EA			10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	1,335.48	451.63
				<i>For Work In Restricted Working Space, Add</i>	301.09	
40 05 23 23-0425	EA			12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	2,016.74	677.45
				<i>For Work In Restricted Working Space, Add</i>	451.64	
40 05 23 23-0426	EA			14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	2,383.89	790.36
				<i>For Work In Restricted Working Space, Add</i>	526.91	
40 05 23 23-0427	EA			16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	2,798.16	901.55
				<i>For Work In Restricted Working Space, Add</i>	601.04	
40 05 23 23-0428	EA			18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	3,535.69	1,129.09
				<i>For Work In Restricted Working Space, Add</i>	752.72	
40 05 23 23-0429	EA			20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	4,929.87	1,580.72
				<i>For Work In Restricted Working Space, Add</i>	1,053.81	
40 05 23 23-0430	EA			24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow.....	7,076.25	2,258.17
				<i>For Work In Restricted Working Space, Add</i>	1,505.45	
40 05 23 23-0431				<b>Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow</b> <small>(40 05 23 23-0392)</small>		
40 05 23 23-0432	EA			1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	128.97	55.02
				<i>For Work In Restricted Working Space, Add</i>	36.68	
40 05 23 23-0433	EA			3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	136.49	58.40
				<i>For Work In Restricted Working Space, Add</i>	38.93	
40 05 23 23-0434	EA			1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	150.56	64.18
				<i>For Work In Restricted Working Space, Add</i>	42.79	
40 05 23 23-0435	EA			1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	164.77	69.95
				<i>For Work In Restricted Working Space, Add</i>	46.63	
40 05 23 23-0436	EA			1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	179.59	77.24
				<i>For Work In Restricted Working Space, Add</i>	51.50	
40 05 23 23-0437	EA			2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	200.44	85.94
				<i>For Work In Restricted Working Space, Add</i>	57.29	
40 05 23 23-0438	EA			2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	259.07	109.99
				<i>For Work In Restricted Working Space, Add</i>	73.32	
40 05 23 23-0439	EA			3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	302.95	128.90
				<i>For Work In Restricted Working Space, Add</i>	85.94	
40 05 23 23-0440	EA			4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	369.15	154.30
				<i>For Work In Restricted Working Space, Add</i>	102.86	
40 05 23 23-0441	EA			6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	485.44	192.75
				<i>For Work In Restricted Working Space, Add</i>	128.50	
40 05 23 23-0442	EA			8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	854.99	338.73
				<i>For Work In Restricted Working Space, Add</i>	225.82	
40 05 23 23-0443	EA			10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	1,242.13	451.63
				<i>For Work In Restricted Working Space, Add</i>	301.09	
40 05 23 23-0444	EA			12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	1,868.95	677.45
				<i>For Work In Restricted Working Space, Add</i>	451.64	
40 05 23 23-0445	EA			14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	2,202.49	790.36
				<i>For Work In Restricted Working Space, Add</i>	526.91	
40 05 23 23-0446	EA			16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	2,574.28	901.55
				<i>For Work In Restricted Working Space, Add</i>	601.04	
40 05 23 23-0447	EA			18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	3,241.69	1,129.09
				<i>For Work In Restricted Working Space, Add</i>	752.72	
40 05 23 23-0448	EA			20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	4,533.16	1,580.72
				<i>For Work In Restricted Working Space, Add</i>	1,053.81	
40 05 23 23-0449	EA			24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow.....	6,513.50	2,258.17
				<i>For Work In Restricted Working Space, Add</i>	1,505.45	
40 05 23 23-0450				<b>Type 304, Schedule 10 Stainless Steel Butt Weld Tee</b> <small>(40 05 23 23-0392)</small>		



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0451	EA 1/2", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	172.20 46.62	69.93
40 05 23 23-0452	EA 3/4", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	207.56 57.23	85.84
40 05 23 23-0453	EA 1", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	231.13 64.30	96.45
40 05 23 23-0454	EA 1-1/4", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	263.07 73.32	109.99
40 05 23 23-0455	EA 1-1/2", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	279.16 78.71	118.06
40 05 23 23-0456	EA 2", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	304.17 85.85	128.76
40 05 23 23-0457	EA 2-1/2", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	393.73 102.86	154.30
40 05 23 23-0458	EA 3", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	462.68 128.91	193.37
40 05 23 23-0459	EA 4", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	531.72 144.67	217.02
40 05 23 23-0460	EA 6", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	774.63 192.90	289.34
40 05 23 23-0461	EA 8", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	1,314.04 301.09	451.63
40 05 23 23-0462	EA 10", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	2,016.74 451.64	677.45
40 05 23 23-0463	EA 12", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	2,592.01 564.54	846.81
40 05 23 23-0464	EA 14", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	3,187.41 678.42	1,017.63
40 05 23 23-0465	EA 16", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	3,861.44 827.60	1,241.41
40 05 23 23-0466	EA 18", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	4,913.57 1,053.81	1,580.72
40 05 23 23-0467	EA 20", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	6,569.25 1,386.60	2,079.90
40 05 23 23-0468	EA 24", Type 304, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	9,850.30 2,107.63	3,161.44
<b>40 05 23 23-0469</b>	<b>Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees</b> (40 05 23 23-0392)		
40 05 23 23-0470	EA 3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	159.76 38.95	58.42
40 05 23 23-0471	EA 1", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	189.01 47.72	71.59
40 05 23 23-0472	EA 1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	233.39 53.63	80.44
40 05 23 23-0473	EA 1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	241.35 61.13	91.70
40 05 23 23-0474	EA 2", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	252.87 65.69	98.53
40 05 23 23-0475	EA 2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	330.56 71.59	107.38
40 05 23 23-0476	EA 3", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	389.28 85.81	128.71
40 05 23 23-0477	EA 4", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	479.67 107.25	160.88
40 05 23 23-0478	EA 6", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	633.90 122.55	183.81
40 05 23 23-0479	EA 8", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	1,223.66 188.18	282.27
40 05 23 23-0480	EA 10", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,012.99 250.91	376.36
40 05 23 23-0481	EA 12", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,877.48 376.36	564.54
40 05 23 23-0482	EA 14", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,490.82 452.15	678.24
40 05 23 23-0483	EA 16", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	4,322.77 551.54	827.31
40 05 23 23-0484	EA 18", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	5,581.46 702.54	1,053.81
40 05 23 23-0485	EA 20", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	7,932.78 924.40	1,386.60
40 05 23 23-0486	EA 24", Type 304, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	12,406.28 1,403.84	2,105.75
<b>40 05 23 23-0487</b>	<b>Type 304, Schedule 10 Stainless Steel Butt Weld Reducers</b> (40 05 23 23-0392)		
40 05 23 23-0488	EA 3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	128.44 35.42	53.14
40 05 23 23-0489	EA 1", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	141.49 38.60	57.89
40 05 23 23-0490	EA 1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	156.84 42.79	64.18
40 05 23 23-0491	EA 1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	166.74 46.63	69.95



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
40 05	<b>40</b>
Stainless Steel Process Pipe and Tubing 40 05 23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0492 EA 2", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	181.73	77.24
For Work In Restricted Working Space, Add	51.50	
40 05 23 23-0493 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	244.43	96.53
For Work In Restricted Working Space, Add	64.35	
40 05 23 23-0494 EA 3", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	276.27	109.89
For Work In Restricted Working Space, Add	73.26	
40 05 23 23-0495 EA 4", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	322.86	128.76
For Work In Restricted Working Space, Add	85.85	
40 05 23 23-0496 EA 6", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	416.83	163.93
For Work In Restricted Working Space, Add	109.29	
40 05 23 23-0497 EA 8", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	686.56	270.98
For Work In Restricted Working Space, Add	180.65	
40 05 23 23-0498 EA 10", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	873.13	338.73
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-0499 EA 12", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	1,174.17	451.63
For Work In Restricted Working Space, Add	301.09	
40 05 23 23-0500 EA 14", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	1,671.97	592.77
For Work In Restricted Working Space, Add	395.18	
40 05 23 23-0501 EA 16", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	1,954.43	675.52
For Work In Restricted Working Space, Add	450.35	
40 05 23 23-0502 EA 18", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	2,406.63	846.81
For Work In Restricted Working Space, Add	564.54	
40 05 23 23-0503 EA 20", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	3,376.09	1,129.09
For Work In Restricted Working Space, Add	752.72	
40 05 23 23-0504 EA 24", Type 304, Schedule 10 Stainless Steel Concentric Reducer .....	4,870.82	1,693.63
For Work In Restricted Working Space, Add	1,129.09	
40 05 23 23-0505 EA 3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	157.16	53.14
For Work In Restricted Working Space, Add	35.42	
40 05 23 23-0506 EA 1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	162.56	57.89
For Work In Restricted Working Space, Add	38.60	
40 05 23 23-0507 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	171.27	64.18
For Work In Restricted Working Space, Add	42.79	
40 05 23 23-0508 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	193.01	69.95
For Work In Restricted Working Space, Add	46.63	
40 05 23 23-0509 EA 2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	200.67	77.24
For Work In Restricted Working Space, Add	51.50	
40 05 23 23-0510 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	265.20	96.53
For Work In Restricted Working Space, Add	64.35	
40 05 23 23-0511 EA 3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	296.73	109.89
For Work In Restricted Working Space, Add	73.26	
40 05 23 23-0512 EA 4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	338.68	128.76
For Work In Restricted Working Space, Add	85.85	
40 05 23 23-0513 EA 6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	473.95	163.93
For Work In Restricted Working Space, Add	109.29	
40 05 23 23-0514 EA 8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	808.99	270.98
For Work In Restricted Working Space, Add	180.65	
40 05 23 23-0515 EA 10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	1,111.95	338.73
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-0516 EA 12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	1,394.85	451.63
For Work In Restricted Working Space, Add	301.09	
40 05 23 23-0517 EA 14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	2,181.05	592.77
For Work In Restricted Working Space, Add	395.18	
40 05 23 23-0518 EA 16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	2,537.75	675.52
For Work In Restricted Working Space, Add	450.35	
40 05 23 23-0519 EA 18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	3,118.55	846.81
For Work In Restricted Working Space, Add	564.54	
40 05 23 23-0520 EA 20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	4,516.91	1,129.09
For Work In Restricted Working Space, Add	752.72	
40 05 23 23-0521 EA 24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer .....	6,382.75	1,693.63
For Work In Restricted Working Space, Add	1,129.09	
<b>40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0392)</b>		
40 05 23 23-0523 EA 1/2", Type 304, Schedule 10 Stainless Steel Cap .....	70.60	27.51
For Work In Restricted Working Space, Add	18.34	
40 05 23 23-0524 EA 3/4", Type 304, Schedule 10 Stainless Steel Cap .....	77.72	29.19
For Work In Restricted Working Space, Add	19.47	
40 05 23 23-0525 EA 1", Type 304, Schedule 10 Stainless Steel Cap .....	85.36	32.09
For Work In Restricted Working Space, Add	21.39	
40 05 23 23-0526 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Cap .....	94.06	34.98
For Work In Restricted Working Space, Add	23.31	
40 05 23 23-0527 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Cap .....	100.80	38.62
For Work In Restricted Working Space, Add	25.75	
40 05 23 23-0528 EA 2", Type 304, Schedule 10 Stainless Steel Cap .....	108.62	42.96
For Work In Restricted Working Space, Add	28.65	
40 05 23 23-0529 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Cap .....	141.15	55.00
For Work In Restricted Working Space, Add	36.66	
40 05 23 23-0530 EA 3", Type 304, Schedule 10 Stainless Steel Cap .....	159.42	64.46
For Work In Restricted Working Space, Add	42.97	
40 05 23 23-0531 EA 4", Type 304, Schedule 10 Stainless Steel Cap .....	192.21	77.14
For Work In Restricted Working Space, Add	51.43	
40 05 23 23-0532 EA 6", Type 304, Schedule 10 Stainless Steel Cap .....	248.40	96.53
For Work In Restricted Working Space, Add	64.35	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	437.39 112.91	169.35
40 05 23	23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	582.44 150.54	225.82
40 05 23	23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	857.80 225.82	338.72
40 05 23	23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,006.95 263.45	395.18
40 05 23	23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,167.81 300.52	450.78
40 05 23	23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,475.14 376.36	564.54
40 05 23	23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	2,036.84 526.91	790.36
40 05 23	23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	3,003.31 752.72	1,129.08
40 05 23	23-0541		<b>Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings</b> (40 05 23 23-0231)		
40 05 23	23-0542		<b>Type 304, Schedule 40 Stainless Steel Pipe</b> (40 05 23 23-0541)		
40 05 23	23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	25.74 2.90	4.83
40 05 23	23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	31.22 3.54	5.90
40 05 23	23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	38.50 4.15	6.97
40 05 23	23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	48.12 5.19	8.58
40 05 23	23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	55.61 5.85	9.66
40 05 23	23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	71.59 7.25	12.33
40 05 23	23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	89.79 8.28	13.94
40 05 23	23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	85.83 9.33	15.55
40 05 23	23-0551	LF	4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	147.51 11.04	18.23
40 05 23	23-0552	LF	6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	233.29 14.49	24.13
40 05 23	23-0553	LF	8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	412.90 28.74	44.49
40 05 23	23-0554	LF	10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	528.18 31.61	49.18
40 05 23	23-0555	LF	12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	663.21 35.13	54.45
40 05 23	23-0556		<b>Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows</b> (40 05 23 23-0541)		
40 05 23	23-0557	EA	1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	128.66 36.68	55.02
40 05 23	23-0558	EA	3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	136.18 38.93	58.40
40 05 23	23-0559	EA	1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	149.64 42.79	64.18
40 05 23	23-0560	EA	1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	162.99 46.63	69.95
40 05 23	23-0561	EA	1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	179.90 51.50	77.24
40 05 23	23-0562	EA	2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	202.58 57.29	85.94
40 05 23	23-0563	EA	2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	268.54 73.32	109.99
40 05 23	23-0564	EA	3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	317.31 85.94	128.90
40 05 23	23-0565	EA	4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	393.89 102.86	154.30
40 05 23	23-0566	EA	6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	637.54 128.50	192.75
40 05 23	23-0567	EA	8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	1,077.65 225.82	338.73
40 05 23	23-0568	EA	10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	1,680.85 301.09	451.63
40 05 23	23-0569	EA	12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	2,464.69 451.64	677.45
40 05 23	23-0570	EA	14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	2,927.32 526.91	790.36
40 05 23	23-0571	EA	16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	3,496.27 601.04	901.55
40 05 23	23-0572	EA	18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	4,505.70 752.72	1,129.09



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Stainless Steel Process Pipe and Tubing	40 05 23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0573 EA 20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,127.13 1,053.81	1,580.72
40 05 23 23-0574 EA 24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	8,784.34 1,505.45	2,258.17
<b>40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0541)</b>		
40 05 23 23-0576 EA 1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	130.80 36.68	55.02
40 05 23 23-0577 EA 3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	138.32 38.93	58.40
40 05 23 23-0578 EA 1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	151.17 42.79	64.18
40 05 23 23-0579 EA 1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	164.55 46.63	69.95
40 05 23 23-0580 EA 1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	181.42 51.50	77.24
40 05 23 23-0581 EA 2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	202.90 57.29	85.94
40 05 23 23-0582 EA 2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	268.54 73.32	109.99
40 05 23 23-0583 EA 3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	308.76 85.94	128.90
40 05 23 23-0584 EA 4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	398.47 102.86	154.30
40 05 23 23-0585 EA 6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	533.39 128.50	192.75
40 05 23 23-0586 EA 8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	968.46 225.82	338.73
40 05 23 23-0587 EA 10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,408.06 301.09	451.63
40 05 23 23-0588 EA 12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,062.27 451.64	677.45
40 05 23 23-0589 EA 14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,338.82 526.91	790.36
40 05 23 23-0590 EA 16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,795.59 601.04	901.55
40 05 23 23-0591 EA 18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,528.18 752.72	1,129.09
40 05 23 23-0592 EA 20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,808.11 1,053.81	1,580.72
40 05 23 23-0593 EA 24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,980.35 1,505.45	2,258.17
<b>40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0541)</b>		
40 05 23 23-0595 EA 1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	173.42 46.62	69.93
40 05 23 23-0596 EA 3/4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	208.78 57.23	85.84
40 05 23 23-0597 EA 1", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	232.35 64.30	96.45
40 05 23 23-0598 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	266.18 73.32	109.99
40 05 23 23-0599 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	280.38 78.71	118.06
40 05 23 23-0600 EA 2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	305.70 85.85	128.76
40 05 23 23-0601 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	397.86 102.86	154.30
40 05 23 23-0602 EA 3", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	469.09 128.91	193.37
40 05 23 23-0603 EA 4", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	538.74 144.67	217.02
40 05 23 23-0604 EA 6", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	823.19 192.90	289.34
40 05 23 23-0605 EA 8", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,458.19 301.09	451.63
40 05 23 23-0606 EA 10", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,459.10 451.64	677.45
40 05 23 23-0607 EA 12", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,058.44 564.54	846.81
40 05 23 23-0608 EA 14", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,127.28 678.42	1,017.63
40 05 23 23-0609 EA 16", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,233.60 827.60	1,241.41
40 05 23 23-0610 EA 18", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	6,776.62 1,053.81	1,580.72
40 05 23 23-0611 EA 20", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	8,754.56 1,386.60	2,079.90
40 05 23 23-0612 EA 24", Type 304, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	13,399.51 2,107.63	3,161.44

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0613	<b>Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees</b> (40 05 23 23-0541)		
40 05 23 23-0614	EA 3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	163.73 38.95	58.42
40 05 23 23-0615	EA 1", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	192.98 47.72	71.59
40 05 23 23-0616	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	252.50 53.63	80.44
40 05 23 23-0617	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	247.15 61.13	91.70
40 05 23 23-0618	EA 2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	252.87 65.69	98.53
40 05 23 23-0619	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	311.04 71.59	107.38
40 05 23 23-0620	EA 3", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	346.21 85.81	128.71
40 05 23 23-0621	EA 4", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	457.07 107.25	160.88
40 05 23 23-0622	EA 6", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	637.56 122.55	183.81
40 05 23 23-0623	EA 8", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,094.02 188.18	282.27
40 05 23 23-0624	EA 10", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,053.56 250.91	376.36
40 05 23 23-0625	EA 12", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,958.63 376.36	564.54
40 05 23 23-0626	EA 14", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,376.96 452.15	678.24
40 05 23 23-0627	EA 16", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,180.17 551.54	827.31
40 05 23 23-0628	EA 18", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	5,395.51 702.54	1,053.81
40 05 23 23-0629	EA 20", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	7,654.31 924.40	1,386.60
40 05 23 23-0630	EA 24", Type 304, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	11,962.77 1,403.84	2,105.75
40 05 23 23-0631	<b>Type 304, Schedule 40 Stainless Steel Butt Weld Reducers</b> (40 05 23 23-0541)		
40 05 23 23-0632	EA 3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	131.50 35.42	53.14
40 05 23 23-0633	EA 1", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	144.54 38.60	57.89
40 05 23 23-0634	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	157.06 42.79	64.18
40 05 23 23-0635	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	169.80 46.63	69.95
40 05 23 23-0636	EA 2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	183.56 51.50	77.24
40 05 23 23-0637	EA 2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	244.43 64.35	96.53
40 05 23 23-0638	EA 3", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	265.27 73.26	109.89
40 05 23 23-0639	EA 4", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	307.22 85.85	128.76
40 05 23 23-0640	EA 6", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	419.28 109.29	163.93
40 05 23 23-0641	EA 8", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	738.42 180.65	270.98
40 05 23 23-0642	EA 10", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	962.20 225.82	338.73
40 05 23 23-0643	EA 12", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,253.66 301.09	451.63
40 05 23 23-0644	EA 14", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,850.37 395.18	592.77
40 05 23 23-0645	EA 16", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,178.69 450.35	675.52
40 05 23 23-0646	EA 18", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,860.77 564.54	846.81
40 05 23 23-0647	EA 20", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,911.77 752.72	1,129.09
40 05 23 23-0648	EA 24", Type 304, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,425.57 1,129.09	1,693.63
40 05 23 23-0649	EA 3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	158.40 35.42	53.14
40 05 23 23-0650	EA 1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	168.98 38.60	57.89
40 05 23 23-0651	EA 1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	193.27 42.79	64.18
40 05 23 23-0652	EA 1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	204.31 46.63	69.95
40 05 23 23-0653	EA 2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	218.08 51.50	77.24





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	<b>40 05</b>
<b>Stainless Steel Process Pipe and Tubing</b>	<b>40 05 23</b>

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0654 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	265.20	96.53
For Work In Restricted Working Space, Add	64.35	
40 05 23 23-0655 EA 3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	334.61	109.89
For Work In Restricted Working Space, Add	73.26	
40 05 23 23-0656 EA 4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	364.34	128.76
For Work In Restricted Working Space, Add	85.85	
40 05 23 23-0657 EA 6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	499.30	163.93
For Work In Restricted Working Space, Add	109.29	
40 05 23 23-0658 EA 8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	811.65	270.98
For Work In Restricted Working Space, Add	180.65	
40 05 23 23-0659 EA 10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	1,109.64	338.73
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-0660 EA 12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	1,514.92	451.63
For Work In Restricted Working Space, Add	301.09	
40 05 23 23-0661 EA 14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	2,490.74	592.77
For Work In Restricted Working Space, Add	395.18	
40 05 23 23-0662 EA 16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	2,824.99	675.52
For Work In Restricted Working Space, Add	450.35	
40 05 23 23-0663 EA 18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	3,696.89	846.81
For Work In Restricted Working Space, Add	564.54	
40 05 23 23-0664 EA 20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	4,802.33	1,129.09
For Work In Restricted Working Space, Add	752.72	
40 05 23 23-0665 EA 24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer.....	7,647.84	1,693.63
For Work In Restricted Working Space, Add	1,129.09	
<b>40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0541)</b>		
40 05 23 23-0667 EA 1/2", Type 304, Schedule 40 Stainless Steel Cap .....	71.51	27.51
For Work In Restricted Working Space, Add	18.34	
40 05 23 23-0668 EA 3/4", Type 304, Schedule 40 Stainless Steel Cap .....	76.80	29.19
For Work In Restricted Working Space, Add	19.47	
40 05 23 23-0669 EA 1", Type 304, Schedule 40 Stainless Steel Cap .....	86.28	32.09
For Work In Restricted Working Space, Add	21.39	
40 05 23 23-0670 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Cap .....	98.15	34.98
For Work In Restricted Working Space, Add	23.31	
40 05 23 23-0671 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Cap .....	104.77	38.62
For Work In Restricted Working Space, Add	25.75	
40 05 23 23-0672 EA 2", Type 304, Schedule 40 Stainless Steel Cap .....	108.32	42.96
For Work In Restricted Working Space, Add	28.65	
40 05 23 23-0673 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Cap .....	139.09	55.00
For Work In Restricted Working Space, Add	36.66	
40 05 23 23-0674 EA 3", Type 304, Schedule 40 Stainless Steel Cap .....	160.64	64.46
For Work In Restricted Working Space, Add	42.97	
40 05 23 23-0675 EA 4", Type 304, Schedule 40 Stainless Steel Cap .....	195.87	77.14
For Work In Restricted Working Space, Add	51.43	
40 05 23 23-0676 EA 6", Type 304, Schedule 40 Stainless Steel Cap .....	271.00	96.53
For Work In Restricted Working Space, Add	64.35	
40 05 23 23-0677 EA 8", Type 304, Schedule 40 Stainless Steel Cap .....	473.68	169.35
For Work In Restricted Working Space, Add	112.91	
40 05 23 23-0678 EA 10", Type 304, Schedule 40 Stainless Steel Cap .....	633.76	225.82
For Work In Restricted Working Space, Add	150.54	
40 05 23 23-0679 EA 12", Type 304, Schedule 40 Stainless Steel Cap .....	955.59	338.72
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-0680 EA 14", Type 304, Schedule 40 Stainless Steel Cap .....	1,096.53	395.18
For Work In Restricted Working Space, Add	263.45	
40 05 23 23-0681 EA 16", Type 304, Schedule 40 Stainless Steel Cap .....	1,291.04	450.78
For Work In Restricted Working Space, Add	300.52	
40 05 23 23-0682 EA 18", Type 304, Schedule 40 Stainless Steel Cap .....	1,621.20	564.54
For Work In Restricted Working Space, Add	376.36	
40 05 23 23-0683 EA 20", Type 304, Schedule 40 Stainless Steel Cap .....	2,231.62	790.36
For Work In Restricted Working Space, Add	526.91	
40 05 23 23-0684 EA 24", Type 304, Schedule 40 Stainless Steel Cap .....	3,328.97	1,129.08
For Work In Restricted Working Space, Add	752.72	
<b>40 05 23 23-0685 Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)</b>		
<b>40 05 23 23-0686 Type 316, Schedule 10 Stainless Steel Pipe (40 05 23 23-0685)</b>		
40 05 23 23-0687 LF 1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	26.59	4.83
For Work In Restricted Working Space, Add	2.90	
40 05 23 23-0688 LF 3/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	31.39	5.90
For Work In Restricted Working Space, Add	3.54	
40 05 23 23-0689 LF 1" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	43.03	6.97
For Work In Restricted Working Space, Add	4.15	
40 05 23 23-0690 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	52.20	8.69
For Work In Restricted Working Space, Add	5.19	
40 05 23 23-0691 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	57.88	9.76
For Work In Restricted Working Space, Add	5.85	
40 05 23 23-0692 LF 2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	71.55	12.12
For Work In Restricted Working Space, Add	7.25	
40 05 23 23-0693 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	86.55	13.83
For Work In Restricted Working Space, Add	8.28	
40 05 23 23-0694 LF 3" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting .....	103.34	15.55
For Work In Restricted Working Space, Add	9.33	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0695	LF	4" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	131.58 11.04	18.45
40 05 23	23-0696	LF	6" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	196.27 14.49	24.24
40 05 23	23-0697	LF	8" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	322.36 28.74	44.73
40 05 23	23-0698	LF	10" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	424.41 31.67	49.18
40 05 23	23-0699	LF	12" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	514.73 35.13	54.68
40 05 23	23-0700	LF	14" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	642.46 39.52	61.48
40 05 23	23-0701	LF	16" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	703.30 45.16	70.26
40 05 23	23-0702	LF	18" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	782.79 52.69	81.96
40 05 23	23-0703	LF	20" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,111.52 63.23	98.35
40 05 23	23-0704	LF	24" Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,458.09 79.04	122.94
<b>40 05 23 23-0705 Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0685)</b>					
40 05 23	23-0706	EA	1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	128.97 36.68	55.02
40 05 23	23-0707	EA	3/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	136.49 38.93	58.40
40 05 23	23-0708	EA	1", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	150.56 42.79	64.18
40 05 23	23-0709	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	164.99 46.63	69.95
40 05 23	23-0710	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	181.12 51.50	77.24
40 05 23	23-0711	EA	2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	202.58 57.29	85.94
40 05 23	23-0712	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	264.57 73.32	109.99
40 05 23	23-0713	EA	3", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	311.51 85.94	128.90
40 05 23	23-0714	EA	4", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	383.20 102.86	154.30
40 05 23	23-0715	EA	6", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	535.83 128.50	192.75
40 05 23	23-0716	EA	8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	950.65 225.82	338.73
40 05 23	23-0717	EA	10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,435.41 301.09	451.63
40 05 23	23-0718	EA	12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,152.98 451.64	677.45
40 05 23	23-0719	EA	14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,512.09 526.91	790.36
40 05 23	23-0720	EA	16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,000.94 601.04	901.55
40 05 23	23-0721	EA	18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,778.85 752.72	1,129.09
40 05 23	23-0722	EA	20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,277.23 1,053.81	1,580.72
40 05 23	23-0723	EA	24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	7,592.41 1,505.45	2,258.17
<b>40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0685)</b>					
40 05 23	23-0725	EA	1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	130.80 36.68	55.02
40 05 23	23-0726	EA	3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	138.32 38.93	58.40
40 05 23	23-0727	EA	1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	152.39 42.79	64.18
40 05 23	23-0728	EA	1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	167.44 46.63	69.95
40 05 23	23-0729	EA	1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	181.12 51.50	77.24
40 05 23	23-0730	EA	2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	202.58 57.29	85.94
40 05 23	23-0731	EA	2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	262.74 73.32	109.99
40 05 23	23-0732	EA	3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	308.76 85.94	128.90
40 05 23	23-0733	EA	4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	376.78 102.86	154.30
40 05 23	23-0734	EA	6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	497.96 128.50	192.75



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0735 EA 8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	882.69 225.82	338.73
40 05 23 23-0736 EA 10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,408.06 301.09	451.63
40 05 23 23-0737 EA 12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,062.27 451.64	677.45
40 05 23 23-0738 EA 14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,427.09 526.91	790.36
40 05 23 23-0739 EA 16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,845.09 601.04	901.55
40 05 23 23-0740 EA 18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,595.32 752.72	1,129.09
40 05 23 23-0741 EA 20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	5,112.32 1,053.81	1,580.72
40 05 23 23-0742 EA 24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,372.77 1,505.45	2,258.17
<b>40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees</b> <small>(40 05 23 23-0685)</small>		
40 05 23 23-0744 EA 1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	176.17 46.62	69.93
40 05 23 23-0745 EA 3/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	211.53 57.23	85.84
40 05 23 23-0746 EA 1", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	235.10 64.30	96.45
40 05 23 23-0747 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	270.40 73.32	109.99
40 05 23 23-0748 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	284.96 78.71	118.06
40 05 23 23-0749 EA 2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	309.36 85.85	128.76
40 05 23 23-0750 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	377.09 102.86	154.30
40 05 23 23-0751 EA 3", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	472.76 128.91	193.37
40 05 23 23-0752 EA 4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	545.46 144.67	217.02
40 05 23 23-0753 EA 6", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	814.03 192.90	289.34
40 05 23 23-0754 EA 8", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,417.60 301.09	451.63
40 05 23 23-0755 EA 10", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,215.65 451.64	677.45
40 05 23 23-0756 EA 12", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,855.56 564.54	846.81
40 05 23 23-0757 EA 14", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,676.09 678.42	1,017.63
40 05 23 23-0758 EA 16", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,334.70 827.60	1,241.41
40 05 23 23-0759 EA 18", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,509.03 1,053.81	1,580.72
40 05 23 23-0760 EA 20", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	7,437.59 1,386.60	2,079.90
40 05 23 23-0761 EA 24", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	10,611.89 2,107.63	3,161.44
<b>40 05 23 23-0762 Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees</b> <small>(40 05 23 23-0685)</small>		
40 05 23 23-0763 EA 3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	169.23 38.95	58.42
40 05 23 23-0764 EA 1", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	200.31 47.72	71.59
40 05 23 23-0765 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	247.17 53.63	80.44
40 05 23 23-0766 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	250.82 61.13	91.70
40 05 23 23-0767 EA 2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	266.01 65.69	98.53
40 05 23 23-0768 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	370.27 71.59	107.38
40 05 23 23-0769 EA 3", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	353.54 85.81	128.71
40 05 23 23-0770 EA 4", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	479.67 107.25	160.88
40 05 23 23-0771 EA 6", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	690.40 122.55	183.81
40 05 23 23-0772 EA 8", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,387.94 188.18	282.27
40 05 23 23-0773 EA 10", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,560.90 250.91	376.36
40 05 23 23-0774 EA 12", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,344.24 376.36	564.54
40 05 23 23-0775 EA 14", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,800.06 452.15	678.24

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-0776	EA 16", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,710.06 551.54	827.31
40 05 23 23-0777	EA 18", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	6,086.50 702.54	1,053.81
40 05 23 23-0778	EA 20", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	8,689.09 924.40	1,386.60
40 05 23 23-0779	EA 24", Type 316, Schedule 10 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	13,610.86 1,403.84	2,105.75
<b>40 05 23 23-0780 Type 316, Schedule 10 Stainless Steel Butt Weld Reducers (40 05 23 23-0685)</b>			
40 05 23 23-0781	EA 3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	131.19 35.42	53.14
40 05 23 23-0782	EA 1", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	144.85 38.60	57.89
40 05 23 23-0783	EA 1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	161.72 42.79	64.18
40 05 23 23-0784	EA 1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	168.88 46.63	69.95
40 05 23 23-0785	EA 2", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	183.56 51.50	77.24
40 05 23 23-0786	EA 2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	243.15 64.35	96.53
40 05 23 23-0787	EA 3", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	283.60 73.26	109.89
40 05 23 23-0788	EA 4", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	309.40 85.85	128.76
40 05 23 23-0789	EA 6", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	431.80 109.29	163.93
40 05 23 23-0790	EA 8", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	702.21 180.65	270.98
40 05 23 23-0791	EA 10", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	909.76 225.82	338.73
40 05 23 23-0792	EA 12", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,217.39 301.09	451.63
40 05 23 23-0793	EA 14", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,731.49 395.18	592.77
40 05 23 23-0794	EA 16", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,010.79 450.35	675.52
40 05 23 23-0795	EA 18", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,489.48 564.54	846.81
40 05 23 23-0796	EA 20", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,504.10 752.72	1,129.09
40 05 23 23-0797	EA 24", Type 316, Schedule 10 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,097.78 1,129.09	1,693.63
40 05 23 23-0798	EA 3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	154.93 35.42	53.14
40 05 23 23-0799	EA 1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	173.04 38.60	57.89
40 05 23 23-0800	EA 1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	195.15 42.79	64.18
40 05 23 23-0801	EA 1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	207.97 46.63	69.95
40 05 23 23-0802	EA 2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	207.69 51.50	77.24
40 05 23 23-0803	EA 2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	276.50 64.35	96.53
40 05 23 23-0804	EA 3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	317.81 73.26	109.89
40 05 23 23-0805	EA 4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	355.79 85.85	128.76
40 05 23 23-0806	EA 6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	511.52 109.29	163.93
40 05 23 23-0807	EA 8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	874.97 180.65	270.98
40 05 23 23-0808	EA 10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,207.29 225.82	338.73
40 05 23 23-0809	EA 12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,526.13 301.09	451.63
40 05 23 23-0810	EA 14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,316.97 395.18	592.77
40 05 23 23-0811	EA 16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,718.43 450.35	675.52
40 05 23 23-0812	EA 18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,368.66 564.54	846.81
40 05 23 23-0813	EA 20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,910.19 752.72	1,129.09
40 05 23 23-0814	EA 24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	6,767.62 1,129.09	1,693.63
<b>40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0685)</b>			
40 05 23 23-0816	EA 1/2", Type 316, Schedule 10 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	74.57 18.34	27.51



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Stainless Steel Process Pipe and Tubing	40 05 23

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0817 EA 3/4", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	82.91 19.47	29.19
40 05 23 23-0818 EA 1", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	90.86 21.39	32.09
40 05 23 23-0819 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	99.37 23.31	34.98
40 05 23 23-0820 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	107.21 25.75	38.62
40 05 23 23-0821 EA 2", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	112.29 28.65	42.96
40 05 23 23-0822 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	139.98 36.66	55.00
40 05 23 23-0823 EA 3", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	165.83 42.97	64.46
40 05 23 23-0824 EA 4", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	198.62 51.43	77.14
40 05 23 23-0825 EA 6", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	259.70 64.35	96.53
40 05 23 23-0826 EA 8", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	457.51 112.91	169.35
40 05 23 23-0827 EA 10", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	606.88 150.54	225.82
40 05 23 23-0828 EA 12", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	893.53 225.82	338.72
40 05 23 23-0829 EA 14", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	1,039.17 263.45	395.18
40 05 23 23-0830 EA 16", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	1,195.04 300.52	450.78
40 05 23 23-0831 EA 18", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	1,506.35 376.36	564.54
40 05 23 23-0832 EA 20", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	2,086.62 526.91	790.36
40 05 23 23-0833 EA 24", Type 316, Schedule 10 Stainless Steel Cap ..... <i>For Work In Restricted Working Space, Add</i>	3,156.56 752.72	1,129.08
<b>40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)</b>		
<b>40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe (40 05 23 23-0834)</b>		
40 05 23 23-0836 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	31.11 2.90	4.83
40 05 23 23-0837 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	37.72 3.54	5.90
40 05 23 23-0838 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	46.75 4.15	6.97
40 05 23 23-0839 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	58.43 5.19	8.58
40 05 23 23-0840 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	67.70 5.85	9.66
40 05 23 23-0841 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	87.46 7.25	12.33
40 05 23 23-0842 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	110.59 8.28	13.94
40 05 23 23-0843 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	104.15 9.33	15.55
40 05 23 23-0844 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	184.55 11.04	18.23
40 05 23 23-0845 LF 6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	295.16 14.49	24.13
40 05 23 23-0846 LF 8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	518.98 28.74	44.49
40 05 23 23-0847 LF 10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	689.62 31.61	49.18
40 05 23 23-0848 LF 12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting ..... <i>For Work In Restricted Working Space, Add</i>	845.90 35.13	54.45
<b>40 05 23 23-0849 Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23-0834)</b>		
40 05 23 23-0850 EA 1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	130.50 36.68	55.02
40 05 23 23-0851 EA 3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	138.02 38.93	58.40
40 05 23 23-0852 EA 1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	152.09 42.79	64.18
40 05 23 23-0853 EA 1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	165.66 46.63	69.95
40 05 23 23-0854 EA 1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	182.65 51.50	77.24
40 05 23 23-0855 EA 2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	206.24 57.29	85.94
40 05 23 23-0856 EA 2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow ..... <i>For Work In Restricted Working Space, Add</i>	275.87 73.32	109.99



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0857	EA	3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	327.39 85.94	128.90
40 05 23	23-0858	EA	4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	418.02 102.86	154.30
40 05 23	23-0859	EA	6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	658.00 128.50	192.75
40 05 23	23-0860	EA	8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,184.51 225.82	338.73
40 05 23	23-0861	EA	10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,946.70 301.09	451.63
40 05 23	23-0862	EA	12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,771.48 451.64	677.45
40 05 23	23-0863	EA	14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,095.87 526.91	790.36
40 05 23	23-0864	EA	16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,763.08 601.04	901.55
40 05 23	23-0865	EA	18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,806.73 752.72	1,129.09
40 05 23	23-0866	EA	20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,486.19 1,053.81	1,580.72
40 05 23	23-0867	EA	24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	9,417.28 1,505.45	2,258.17
<b>40 05 23</b>	<b>23-0868</b>		<b>Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows (40 05 23 23-0834)</b>		
40 05 23	23-0869	EA	1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	133.55 36.68	55.02
40 05 23	23-0870	EA	3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	141.07 38.93	58.40
40 05 23	23-0871	EA	1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	153.92 42.79	64.18
40 05 23	23-0872	EA	1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	166.55 46.63	69.95
40 05 23	23-0873	EA	1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	184.48 51.50	77.24
40 05 23	23-0874	EA	2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	206.24 57.29	85.94
40 05 23	23-0875	EA	2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	275.87 73.32	109.99
40 05 23	23-0876	EA	3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	315.48 85.94	128.90
40 05 23	23-0877	EA	4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	395.41 102.86	154.30
40 05 23	23-0878	EA	6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	565.15 128.50	192.75
40 05 23	23-0879	EA	8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,020.92 225.82	338.73
40 05 23	23-0880	EA	10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,569.69 301.09	451.63
40 05 23	23-0881	EA	12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,266.77 451.64	677.45
40 05 23	23-0882	EA	14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,573.51 526.91	790.36
40 05 23	23-0883	EA	16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,906.10 601.04	901.55
40 05 23	23-0884	EA	18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,739.85 752.72	1,129.09
40 05 23	23-0885	EA	20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	5,078.86 1,053.81	1,580.72
40 05 23	23-0886	EA	24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,537.84 1,505.45	2,258.17
<b>40 05 23</b>	<b>23-0887</b>		<b>Type 316, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0834)</b>		
40 05 23	23-0888	EA	1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	178.00 46.62	69.93
40 05 23	23-0889	EA	3/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	213.36 57.23	85.84
40 05 23	23-0890	EA	1", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	236.93 64.30	96.45
40 05 23	23-0891	EA	1-1/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	273.06 73.32	109.99
40 05 23	23-0892	EA	1-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	284.96 78.71	118.06
40 05 23	23-0893	EA	2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	310.58 85.85	128.76
40 05 23	23-0894	EA	2-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	387.97 102.86	154.30
40 05 23	23-0895	EA	3", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	478.56 128.91	193.37
40 05 23	23-0896	EA	4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	555.54 144.67	217.02



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Stainless Steel Process Pipe and Tubing	40 05 23

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0897 EA 6", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	885.81 192.90	289.34
40 05 23 23-0898 EA 8", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,602.01 301.09	451.63
40 05 23 23-0899 EA 10", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,702.53 451.64	677.45
40 05 23 23-0900 EA 12", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,322.33 564.54	846.81
40 05 23 23-0901 EA 14", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,774.11 678.42	1,017.63
40 05 23 23-0902 EA 16", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,916.98 827.60	1,241.41
40 05 23 23-0903 EA 18", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	7,665.95 1,053.81	1,580.72
40 05 23 23-0904 EA 20", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,957.56 1,386.60	2,079.90
40 05 23 23-0905 EA 24", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	14,251.44 2,107.63	3,161.44
<b>40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees</b> <small>(40 05 23 23-0834)</small>		
40 05 23 23-0907 EA 3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	175.03 38.95	58.42
40 05 23 23-0908 EA 1", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	204.28 47.72	71.59
40 05 23 23-0909 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	271.60 53.63	80.44
40 05 23 23-0910 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	260.28 61.13	91.70
40 05 23 23-0911 EA 2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	266.01 65.69	98.53
40 05 23 23-0912 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	372.10 71.59	107.38
40 05 23 23-0913 EA 3", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	366.67 85.81	128.71
40 05 23 23-0914 EA 4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	492.81 107.25	160.88
40 05 23 23-0915 EA 6", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	698.65 122.55	183.81
40 05 23 23-0916 EA 8", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,225.65 188.18	282.27
40 05 23 23-0917 EA 10", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,601.48 250.91	376.36
40 05 23 23-0918 EA 12", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,425.39 376.36	564.54
40 05 23 23-0919 EA 14", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,889.10 452.15	678.24
40 05 23 23-0920 EA 16", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,821.57 551.54	827.31
40 05 23 23-0921 EA 18", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	6,231.92 702.54	1,053.81
40 05 23 23-0922 EA 20", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	8,906.86 924.40	1,386.60
40 05 23 23-0923 EA 24", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	13,957.69 1,403.84	2,105.75
<b>40 05 23 23-0924 Type 316, Schedule 40 Stainless Steel Butt Weld Reducers</b> <small>(40 05 23 23-0834)</small>		
40 05 23 23-0925 EA 3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	136.08 35.42	53.14
40 05 23 23-0926 EA 1", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	149.73 38.60	57.89
40 05 23 23-0927 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	163.94 42.79	64.18
40 05 23 23-0928 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	174.38 46.63	69.95
40 05 23 23-0929 EA 2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	186.92 51.50	77.24
40 05 23 23-0930 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	253.90 64.35	96.53
40 05 23 23-0931 EA 3", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	271.69 73.26	109.89
40 05 23 23-0932 EA 4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	313.64 85.85	128.76
40 05 23 23-0933 EA 6", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	433.94 109.29	163.93
40 05 23 23-0934 EA 8", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	766.12 180.65	270.98
40 05 23 23-0935 EA 10", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,030.16 225.82	338.73
40 05 23 23-0936 EA 12", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,303.81 301.09	451.63
40 05 23 23-0937 EA 14", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,896.10 395.18	592.77

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0938 EA 16", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,185.99 450.35	675.52
40 05 23 23-0939 EA 18", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,927.09 564.54	846.81
40 05 23 23-0940 EA 20", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,972.20 752.72	1,129.09
40 05 23 23-0941 EA 24", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,688.86 1,129.09	1,693.63
40 05 23 23-0942 EA 3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	170.59 35.42	53.14
40 05 23 23-0943 EA 1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	181.19 38.60	57.89
40 05 23 23-0944 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	211.04 42.79	64.18
40 05 23 23-0945 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	217.44 46.63	69.95
40 05 23 23-0946 EA 2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	232.74 51.50	77.24
40 05 23 23-0947 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	276.50 64.35	96.53
40 05 23 23-0948 EA 3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	359.96 73.26	109.89
40 05 23 23-0949 EA 4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	389.39 85.85	128.76
40 05 23 23-0950 EA 6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	558.25 109.29	163.93
40 05 23 23-0951 EA 8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	859.14 180.65	270.98
40 05 23 23-0952 EA 10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,234.66 225.82	338.73
40 05 23 23-0953 EA 12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,712.84 301.09	451.63
40 05 23 23-0954 EA 14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,583.32 395.18	592.77
40 05 23 23-0955 EA 16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,977.12 450.35	675.52
40 05 23 23-0956 EA 18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,008.57 564.54	846.81
40 05 23 23-0957 EA 20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,148.84 752.72	1,129.09
40 05 23 23-0958 EA 24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	7,718.87 1,129.09	1,693.63
<b>40 05 23 23-0959 Type 316, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0834)</b>		
40 05 23 23-0960 EA 1/2", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	75.18 18.34	27.51
40 05 23 23-0961 EA 3/4", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	82.61 19.47	29.19
40 05 23 23-0962 EA 1", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	91.47 21.39	32.09
40 05 23 23-0963 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	105.03 23.31	34.98
40 05 23 23-0964 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	102.63 25.75	38.62
40 05 23 23-0965 EA 2", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	116.56 28.65	42.96
40 05 23 23-0966 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	145.53 36.66	55.00
40 05 23 23-0967 EA 3", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	166.75 42.97	64.46
40 05 23 23-0968 EA 4", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	205.34 51.43	77.14
40 05 23 23-0969 EA 6", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	287.80 64.35	96.53
40 05 23 23-0970 EA 8", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	510.29 112.91	169.35
40 05 23 23-0971 EA 10", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	684.55 150.54	225.82
40 05 23 23-0972 EA 12", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,020.57 225.82	338.72
40 05 23 23-0973 EA 14", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,162.29 263.45	395.18
40 05 23 23-0974 EA 16", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,305.31 300.52	450.78
40 05 23 23-0975 EA 18", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,667.82 376.36	564.54
40 05 23 23-0976 EA 20", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	2,289.89 526.91	790.36
40 05 23 23-0977 EA 24", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	3,552.42 752.72	1,129.08
<b>40 05 23 23-0978 Valves (40 05 23 23-0231)</b>		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
<b>40 05 23 23-0979 Gate Valves, Class 150</b> <small>(40 05 23 23-0979)</small>		
40 05 23 23-0980 EA 1/2" Gate Valve, Stainless Steel, Flanged .....	702.01	55.31
<i>For Work In Restricted Working Space, Add</i>	20.74	
<i>For Class 200, Deduct</i>	-169.29	
<i>For Class 300, Add</i>	594.90	
40 05 23 23-0981 EA 3/4" Gate Valve, Stainless Steel, Flanged .....	761.90	57.62
<i>For Work In Restricted Working Space, Add</i>	24.20	
<i>For Class 200, Deduct</i>	-182.23	
<i>For Class 300, Add</i>	640.36	
40 05 23 23-0982 EA 1" Gate Valve, Stainless Steel, Flanged .....	937.58	86.43
<i>For Work In Restricted Working Space, Add</i>	32.62	
<i>For Class 200, Deduct</i>	-221.72	
<i>For Class 300, Add</i>	779.13	
40 05 23 23-0983 EA 1-1/4" Gate Valve, Stainless Steel, Flanged .....	1,183.94	100.83
<i>For Work In Restricted Working Space, Add</i>	37.58	
<i>For Class 200, Deduct</i>	-283.20	
<i>For Class 300, Add</i>	995.16	
40 05 23 23-0984 EA 1-1/2" Gate Valve, Stainless Steel, Flanged .....	1,332.24	126.93
<i>For Work In Restricted Working Space, Add</i>	47.60	
<i>For Class 200, Deduct</i>	-313.93	
<i>For Class 300, Add</i>	1,103.16	
40 05 23 23-0985 EA 2" Gate Valve, Stainless Steel, Flanged .....	1,580.91	153.62
<i>For Work In Restricted Working Space, Add</i>	57.62	
<i>For Class 200, Deduct</i>	-371.51	
<i>For Class 300, Add</i>	1,305.50	
40 05 23 23-0986 EA 2-1/2" Gate Valve, Stainless Steel, Flanged .....	2,281.55	167.11
<i>For Work In Restricted Working Space, Add</i>	62.86	
<i>For Class 300, Add</i>	1,947.70	
40 05 23 23-0987 EA 3" Gate Valve, Stainless Steel, Flanged .....	2,568.29	195.92
<i>For Work In Restricted Working Space, Add</i>	73.56	
<i>For Class 300, Add</i>	2,183.71	
40 05 23 23-0988 EA 4" Gate Valve, Stainless Steel, Flanged .....	3,383.39	328.44
<i>For Work In Restricted Working Space, Add</i>	123.48	
<i>For Class 300, Add</i>	2,793.49	
40 05 23 23-0989 EA 6" Gate Valve, Stainless Steel, Flanged .....	5,686.16	414.88
<i>For Work In Restricted Working Space, Add</i>	156.14	
<i>For Class 300, Add</i>	4,855.76	
40 05 23 23-0990 EA 8" Gate Valve, Stainless Steel, Flanged .....	12,479.69	530.12
<i>For Work In Restricted Working Space, Add</i>	197.56	
<i>For Class 300, Add</i>	11,111.89	
40 05 23 23-0991 EA 10" Gate Valve, Stainless Steel, Flanged .....	17,606.96	645.37
<i>For Work In Restricted Working Space, Add</i>	242.01	
<i>For Class 300, Add</i>	15,792.24	
40 05 23 23-0992 EA 12" Gate Valve, Stainless Steel, Flanged .....	26,545.77	783.65
<i>For Work In Restricted Working Space, Add</i>	293.35	
<i>For Class 300, Add</i>	24,033.86	
<b>40 05 23 23-0993 Globe Valves, Class 150</b> <small>(40 05 23 23-0978)</small>		
40 05 23 23-0994 EA 1/2" Globe Valve, Stainless Steel, Flanged .....	963.16	55.31
<i>For Work In Restricted Working Space, Add</i>	20.74	
<i>For Class 200, Deduct</i>	-239.15	
<i>For Class 300, Add</i>	840.38	
40 05 23 23-0995 EA 3/4" Globe Valve, Stainless Steel, Flanged .....	1,065.38	57.62
<i>For Work In Restricted Working Space, Add</i>	24.20	
<i>For Class 200, Deduct</i>	-263.41	
<i>For Class 300, Add</i>	925.63	
40 05 23 23-0996 EA 1" Globe Valve, Stainless Steel, Flanged .....	1,326.65	86.43
<i>For Work In Restricted Working Space, Add</i>	32.62	
<i>For Class 200, Deduct</i>	-325.80	
<i>For Class 300, Add</i>	1,144.85	
40 05 23 23-0997 EA 1-1/2" Globe Valve, Stainless Steel, Flanged .....	1,972.61	126.93
<i>For Work In Restricted Working Space, Add</i>	47.60	
<i>For Class 200, Deduct</i>	-485.23	
<i>For Class 300, Add</i>	1,705.10	
40 05 23 23-0998 EA 2" Globe Valve, Stainless Steel, Flanged .....	2,407.69	153.62
<i>For Work In Restricted Working Space, Add</i>	57.62	
<i>For Class 200, Deduct</i>	-592.68	
<i>For Class 300, Add</i>	2,082.67	
40 05 23 23-0999 EA 2-1/2" Globe Valve, Stainless Steel, Flanged .....	4,873.98	167.11
<i>For Work In Restricted Working Space, Add</i>	62.86	
<i>For Class 300, Add</i>	4,384.58	
40 05 23 23-1000 EA 3" Globe Valve, Stainless Steel, Flanged .....	5,039.21	195.92
<i>For Work In Restricted Working Space, Add</i>	73.56	
<i>For Class 300, Add</i>	4,506.38	
40 05 23 23-1001 EA 4" Globe Valve, Stainless Steel, Flanged .....	5,983.00	328.44
<i>For Work In Restricted Working Space, Add</i>	123.48	
<i>For Class 300, Add</i>	5,237.13	
40 05 23 23-1002 EA 6" Globe Valve, Stainless Steel, Flanged .....	11,080.23	414.88
<i>For Work In Restricted Working Space, Add</i>	156.14	
<i>For Class 300, Add</i>	9,926.18	
<b>40 05 23 23-1003 Check Valves, Class 150</b> <small>(40 05 23 23-0978)</small>		

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1004	EA		2-1/2" Check Valve, Stainless Steel, Flanged.....	2,182.12	167.11
			<i>For Work In Restricted Working Space, Add</i>	62.86	
			<i>For Class 300, Add</i>	1,854.23	
40 05 23 23-1005	EA		3" Check Valve, Stainless Steel, Flanged.....	2,279.29	195.92
			<i>For Work In Restricted Working Space, Add</i>	73.56	
			<i>For Class 300, Add</i>	1,912.05	
40 05 23 23-1006	EA		4" Check Valve, Stainless Steel, Flanged.....	3,577.25	328.44
			<i>For Work In Restricted Working Space, Add</i>	123.48	
			<i>For Class 300, Add</i>	2,975.72	
40 05 23 23-1007	EA		6" Check Valve, Stainless Steel, Flanged.....	6,178.24	414.88
			<i>For Work In Restricted Working Space, Add</i>	156.14	
			<i>For Class 300, Add</i>	5,318.31	
40 05 23 23-1008	EA		8" Check Valve, Stainless Steel, Flanged.....	10,896.40	530.12
			<i>For Work In Restricted Working Space, Add</i>	197.56	
			<i>For Class 300, Add</i>	9,623.60	
<b>40 05 23 23-1009</b>			<b>Stainless Steel Thread-O-Let Fittings (40 05 23 23-0231)</b>		
40 05 23 23-1010	EA		1/2", Stainless Steel Thread-o-let Fitting.....	89.88	33.45
			<i>For Work In Restricted Working Space, Add</i>	22.31	
40 05 23 23-1011	EA		3/4", Stainless Steel Thread-o-let Fitting.....	118.54	44.61
			<i>For Work In Restricted Working Space, Add</i>	29.74	
40 05 23 23-1012	EA		1", Stainless Steel Thread-o-let Fitting.....	146.04	55.31
			<i>For Work In Restricted Working Space, Add</i>	36.88	
40 05 23 23-1013	EA		1-1/4", Stainless Steel Thread-o-let Fitting.....	209.81	78.27
			<i>For Work In Restricted Working Space, Add</i>	52.19	
40 05 23 23-1014	EA		1-1/2", Stainless Steel Thread-o-let Fitting.....	232.02	88.27
			<i>For Work In Restricted Working Space, Add</i>	58.85	
40 05 23 23-1015	EA		2", Stainless Steel Thread-o-let Fitting.....	290.02	112.14
			<i>For Work In Restricted Working Space, Add</i>	74.75	
40 05 23 23-1016	EA		2-1/2", Stainless Steel Thread-o-let Fitting.....	521.12	172.87
			<i>For Work In Restricted Working Space, Add</i>	115.25	
40 05 23 23-1017	EA		3", Stainless Steel Thread-o-let Fitting.....	699.21	220.68
			<i>For Work In Restricted Working Space, Add</i>	147.12	
40 05 23 23-1018	EA		4", Stainless Steel Thread-o-let Fitting.....	923.50	276.58
			<i>For Work In Restricted Working Space, Add</i>	184.39	
<b>40 05 23 23-1019</b>			<b>Stainless Steel Flanges (40 05 23 23-0231)</b>		
<b>40 05 23 23-1020</b>			<b>150#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)</b>		
40 05 23 23-1021	EA		1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	77.36	18.59
			<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-1022	EA		3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	94.21	24.79
			<i>For Work In Restricted Working Space, Add</i>	14.87	
40 05 23 23-1023	EA		1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	111.47	30.73
			<i>For Work In Restricted Working Space, Add</i>	18.44	
40 05 23 23-1024	EA		1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	150.37	43.50
			<i>For Work In Restricted Working Space, Add</i>	26.09	
40 05 23 23-1025	EA		1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	161.48	49.04
			<i>For Work In Restricted Working Space, Add</i>	29.42	
40 05 23 23-1026	EA		2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	207.65	62.29
			<i>For Work In Restricted Working Space, Add</i>	37.38	
40 05 23 23-1027	EA		2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	308.15	96.00
			<i>For Work In Restricted Working Space, Add</i>	57.62	
40 05 23 23-1028	EA		3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	366.63	195.92
			<i>For Work In Restricted Working Space, Add</i>	73.56	
40 05 23 23-1029	EA		4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange.....	473.40	153.62
			<i>For Work In Restricted Working Space, Add</i>	92.20	
<b>40 05 23 23-1030</b>			<b>300#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)</b>		
40 05 23 23-1031	EA		1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	100.58	18.59
			<i>For Work In Restricted Working Space, Add</i>	11.15	
40 05 23 23-1032	EA		3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	112.97	24.79
			<i>For Work In Restricted Working Space, Add</i>	14.87	
40 05 23 23-1033	EA		1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	124.86	30.73
			<i>For Work In Restricted Working Space, Add</i>	18.44	
40 05 23 23-1034	EA		1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	184.33	43.50
			<i>For Work In Restricted Working Space, Add</i>	26.09	
40 05 23 23-1035	EA		1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	195.44	49.04
			<i>For Work In Restricted Working Space, Add</i>	29.42	
40 05 23 23-1036	EA		2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	242.47	62.29
			<i>For Work In Restricted Working Space, Add</i>	37.38	
40 05 23 23-1037	EA		2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	385.85	96.00
			<i>For Work In Restricted Working Space, Add</i>	57.62	
40 05 23 23-1038	EA		3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	446.09	195.92
			<i>For Work In Restricted Working Space, Add</i>	73.56	
40 05 23 23-1039	EA		4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange.....	595.74	153.62
			<i>For Work In Restricted Working Space, Add</i>	92.20	
<b>40 05 23 23-1040</b>			<b>150#, Type 304 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)</b>		





<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	<b>40 05</b>
<b>Stainless Steel Process Pipe and Tubing</b>	<b>40 05 23</b>

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1041 EA 1/2", 150#, Type 304 Stainless Steel Weld Neck Flange.....	101.31	27.50
<i>For Work In Restricted Working Space, Add</i>	18.34	
40 05 23 23-1042 EA 3/4", 150#, Type 304 Stainless Steel Weld Neck Flange.....	109.53	29.19
<i>For Work In Restricted Working Space, Add</i>	19.47	
40 05 23 23-1043 EA 1", 150#, Type 304 Stainless Steel Weld Neck Flange.....	123.09	32.09
<i>For Work In Restricted Working Space, Add</i>	21.40	
40 05 23 23-1044 EA 1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange.....	151.92	35.00
<i>For Work In Restricted Working Space, Add</i>	23.33	
40 05 23 23-1045 EA 1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange.....	159.88	38.58
<i>For Work In Restricted Working Space, Add</i>	25.72	
40 05 23 23-1046 EA 2", 150#, Type 304 Stainless Steel Weld Neck Flange.....	177.67	42.97
<i>For Work In Restricted Working Space, Add</i>	28.65	
40 05 23 23-1047 EA 2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange.....	246.28	54.96
<i>For Work In Restricted Working Space, Add</i>	36.64	
40 05 23 23-1048 EA 3", 150#, Type 304 Stainless Steel Weld Neck Flange.....	278.72	64.34
<i>For Work In Restricted Working Space, Add</i>	42.90	
40 05 23 23-1049 EA 4", 150#, Type 304 Stainless Steel Weld Neck Flange.....	360.64	77.09
<i>For Work In Restricted Working Space, Add</i>	51.40	
40 05 23 23-1050 EA 6", 150#, Type 304 Stainless Steel Weld Neck Flange.....	540.86	96.32
<i>For Work In Restricted Working Space, Add</i>	64.22	
40 05 23 23-1051 EA 8", 150#, Type 304 Stainless Steel Weld Neck Flange.....	929.94	169.35
<i>For Work In Restricted Working Space, Add</i>	112.91	
40 05 23 23-1052 EA 10", 150#, Type 304 Stainless Steel Weld Neck Flange.....	1,318.79	225.81
<i>For Work In Restricted Working Space, Add</i>	150.54	
40 05 23 23-1053 EA 12", 150#, Type 304 Stainless Steel Weld Neck Flange.....	2,027.73	338.72
<i>For Work In Restricted Working Space, Add</i>	225.82	
40 05 23 23-1054 EA 14", 150#, Type 304 Stainless Steel Weld Neck Flange.....	2,535.05	395.18
<i>For Work In Restricted Working Space, Add</i>	263.45	
40 05 23 23-1055 EA 16", 150#, Type 304 Stainless Steel Weld Neck Flange.....	3,163.83	450.78
<i>For Work In Restricted Working Space, Add</i>	300.52	
40 05 23 23-1056 EA 18", 150#, Type 304 Stainless Steel Weld Neck Flange.....	3,881.04	564.54
<i>For Work In Restricted Working Space, Add</i>	376.36	
40 05 23 23-1057 EA 20", 150#, Type 304 Stainless Steel Weld Neck Flange.....	5,028.57	790.36
<i>For Work In Restricted Working Space, Add</i>	526.91	
40 05 23 23-1058 EA 24", 150#, Type 304 Stainless Steel Weld Neck Flange.....	7,146.11	1,129.08
<i>For Work In Restricted Working Space, Add</i>	752.72	
<b>40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange</b> <small>(40 05 23 23-1019)</small>		
40 05 23 23-1060 EA 1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	129.00	27.50
<i>For Work In Restricted Working Space, Add</i>	18.34	
40 05 23 23-1061 EA 3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	132.76	29.19
<i>For Work In Restricted Working Space, Add</i>	19.47	
40 05 23 23-1062 EA 1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	139.19	32.09
<i>For Work In Restricted Working Space, Add</i>	21.40	
40 05 23 23-1063 EA 1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	183.12	35.00
<i>For Work In Restricted Working Space, Add</i>	23.33	
40 05 23 23-1064 EA 1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	191.08	38.58
<i>For Work In Restricted Working Space, Add</i>	25.72	
40 05 23 23-1065 EA 2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	204.46	42.97
<i>For Work In Restricted Working Space, Add</i>	28.65	
40 05 23 23-1066 EA 2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	292.68	54.96
<i>For Work In Restricted Working Space, Add</i>	36.64	
40 05 23 23-1067 EA 3" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	330.49	64.34
<i>For Work In Restricted Working Space, Add</i>	42.90	
40 05 23 23-1068 EA 4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	482.03	77.09
<i>For Work In Restricted Working Space, Add</i>	51.40	
40 05 23 23-1069 EA 6" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	678.35	96.32
<i>For Work In Restricted Working Space, Add</i>	64.22	
40 05 23 23-1070 EA 8" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	1,272.79	169.35
<i>For Work In Restricted Working Space, Add</i>	112.91	
40 05 23 23-1071 EA 10" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	1,771.49	225.81
<i>For Work In Restricted Working Space, Add</i>	150.54	
40 05 23 23-1072 EA 12" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	2,602.78	338.72
<i>For Work In Restricted Working Space, Add</i>	225.82	
40 05 23 23-1073 EA 14" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	3,444.08	395.18
<i>For Work In Restricted Working Space, Add</i>	263.45	
40 05 23 23-1074 EA 16" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	4,250.92	450.78
<i>For Work In Restricted Working Space, Add</i>	300.52	
40 05 23 23-1075 EA 18" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	5,429.02	564.54
<i>For Work In Restricted Working Space, Add</i>	376.36	
40 05 23 23-1076 EA 20" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	7,009.15	790.36
<i>For Work In Restricted Working Space, Add</i>	526.91	
40 05 23 23-1077 EA 24" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange.....	10,205.00	1,129.08
<i>For Work In Restricted Working Space, Add</i>	752.72	
<b>40 05 23 23-1078 150#, Type 304 Stainless Steel Raised Face Slip-On Flanges</b> <small>(40 05 23 23-1019)</small>		
40 05 23 23-1079 EA 1/2", 150#, Type 304 Stainless Steel Slip-On Flange.....	157.96	55.01
<i>For Work In Restricted Working Space, Add</i>	36.68	
40 05 23 23-1080 EA 3/4", 150#, Type 304 Stainless Steel Slip-On Flange.....	166.39	58.39
<i>For Work In Restricted Working Space, Add</i>	38.93	
40 05 23 23-1081 EA 1", 150#, Type 304 Stainless Steel Slip-On Flange.....	182.81	64.18
<i>For Work In Restricted Working Space, Add</i>	42.79	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-1082	EA 1-1/4", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	210.04 46.67	70.00
40 05 23 23-1083	EA 1-1/2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	225.94 51.44	77.15
40 05 23 23-1084	EA 2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	261.58 57.30	85.95
40 05 23 23-1085	EA 2-1/2", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	343.38 73.28	109.91
40 05 23 23-1086	EA 3", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	392.26 85.79	128.68
40 05 23 23-1087	EA 4", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	487.31 102.80	154.19
40 05 23 23-1088	EA 6", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	648.68 128.44	192.64
40 05 23 23-1089	EA 8", 150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,169.72 225.82	338.72
40 05 23 23-1090	EA 10" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,650.96 301.09	451.63
40 05 23 23-1091	EA 12" 150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	2,461.72 451.64	677.44
<b>40 05 23 23-1092 300#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)</b>			
40 05 23 23-1093	EA 1/2" 300#, Type 304 Stainless Steel Raised Neck Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	175.82 36.68	55.01
40 05 23 23-1094	EA 3/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	183.34 38.93	58.39
40 05 23 23-1095	EA 1" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	196.20 42.79	64.18
40 05 23 23-1096	EA 1-1/4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	237.73 46.67	70.00
40 05 23 23-1097	EA 1-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	253.63 51.44	77.15
40 05 23 23-1098	EA 2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	280.30 57.30	85.95
40 05 23 23-1099	EA 2-1/2" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	413.05 73.28	109.91
40 05 23 23-1100	EA 3" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	461.88 85.79	128.68
40 05 23 23-1101	EA 4" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	583.73 102.80	154.19
40 05 23 23-1102	EA 6" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	921.00 128.44	192.64
40 05 23 23-1103	EA 8" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,444.71 225.82	338.72
40 05 23 23-1104	EA 10" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	2,093.83 301.09	451.63
40 05 23 23-1105	EA 12" 300#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	3,031.40 451.64	677.44
<b>40 05 23 23-1106 150#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)</b>			
40 05 23 23-1107	EA 1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	62.55 7.34	10.99
40 05 23 23-1108	EA 3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	65.23 7.79	11.67
40 05 23 23-1109	EA 1", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	70.51 8.56	12.82
40 05 23 23-1110	EA 1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	91.59 9.53	14.29
40 05 23 23-1111	EA 1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	102.74 12.87	19.30
40 05 23 23-1112	EA 2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	121.76 14.29	21.43
40 05 23 23-1113	EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	166.58 18.37	27.55
40 05 23 23-1114	EA 3", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	201.87 25.74	38.61
40 05 23 23-1115	EA 4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	305.49 42.89	64.33
40 05 23 23-1116	EA 6", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	421.34 55.15	82.72
40 05 23 23-1117	EA 8", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	669.03 70.25	105.38
40 05 23 23-1118	EA 10", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,036.39 84.30	126.46
40 05 23 23-1119	EA 12", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,373.61 105.38	158.07
40 05 23 23-1120	EA 14", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,746.90 131.73	197.59
40 05 23 23-1121	EA 16", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,260.29 150.26	225.39
40 05 23 23-1122	EA 18", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,668.97 188.18	282.27



<b>Process Interconnections</b>	<b>40</b>
<b>Common Work Results For Process Interconnections</b>	
Stainless Steel Process Pipe and Tubing	40 05 23

40

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1123 EA 20", 150#, Type 304 Stainless Steel Raised Face Blind Flange .....	3,540.84	395.18
For Work In Restricted Working Space, Add	263.45	
40 05 23 23-1124 EA 24", 150#, Type 304 Stainless Steel Raised Face Blind Flange .....	5,159.15	564.54
For Work In Restricted Working Space, Add	376.36	
<b>40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)</b>		
40 05 23 23-1126 EA 1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	80.73	10.99
For Work In Restricted Working Space, Add	7.34	
40 05 23 23-1127 EA 3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	82.23	11.67
For Work In Restricted Working Space, Add	7.79	
40 05 23 23-1128 EA 1", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	84.81	12.82
For Work In Restricted Working Space, Add	8.56	
40 05 23 23-1129 EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	108.55	14.29
For Work In Restricted Working Space, Add	9.53	
40 05 23 23-1130 EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	119.70	19.30
For Work In Restricted Working Space, Add	12.87	
40 05 23 23-1131 EA 2", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	130.68	21.43
For Work In Restricted Working Space, Add	14.29	
40 05 23 23-1132 EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	229.08	27.55
For Work In Restricted Working Space, Add	18.37	
40 05 23 23-1133 EA 3", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	260.36	38.61
For Work In Restricted Working Space, Add	25.74	
40 05 23 23-1134 EA 4", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	378.68	64.33
For Work In Restricted Working Space, Add	42.89	
40 05 23 23-1135 EA 6", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	723.12	82.72
For Work In Restricted Working Space, Add	55.15	
40 05 23 23-1136 EA 8", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	1,029.74	105.38
For Work In Restricted Working Space, Add	70.25	
40 05 23 23-1137 EA 10", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	1,475.65	126.46
For Work In Restricted Working Space, Add	84.30	
40 05 23 23-1138 EA 12", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	2,047.73	158.07
For Work In Restricted Working Space, Add	105.38	
40 05 23 23-1139 EA 14", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	2,871.25	197.59
For Work In Restricted Working Space, Add	131.73	
40 05 23 23-1140 EA 16", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	3,679.83	225.39
For Work In Restricted Working Space, Add	150.26	
40 05 23 23-1141 EA 18", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	4,805.35	282.27
For Work In Restricted Working Space, Add	188.18	
40 05 23 23-1142 EA 20", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	6,075.54	395.18
For Work In Restricted Working Space, Add	263.45	
40 05 23 23-1143 EA 24", 300#, Type 304 Stainless Steel Raised Face Blind Flange .....	9,328.11	564.54
For Work In Restricted Working Space, Add	376.36	
<b>40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)</b>		
40 05 23 23-1145 EA 1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	93.46	18.59
For Work In Restricted Working Space, Add	11.15	
40 05 23 23-1146 EA 3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	114.78	24.79
For Work In Restricted Working Space, Add	14.87	
40 05 23 23-1147 EA 1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	131.09	30.73
For Work In Restricted Working Space, Add	18.44	
40 05 23 23-1148 EA 1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	179.82	43.50
For Work In Restricted Working Space, Add	26.09	
40 05 23 23-1149 EA 1-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	190.93	49.04
For Work In Restricted Working Space, Add	29.42	
40 05 23 23-1150 EA 2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	239.81	62.29
For Work In Restricted Working Space, Add	37.38	
40 05 23 23-1151 EA 2-1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	354.60	96.00
For Work In Restricted Working Space, Add	57.62	
40 05 23 23-1152 EA 3", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	426.47	195.92
For Work In Restricted Working Space, Add	73.56	
40 05 23 23-1153 EA 4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange .....	557.32	153.62
For Work In Restricted Working Space, Add	92.20	
<b>40 05 23 23-1154 300#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)</b>		
40 05 23 23-1155 EA 1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	123.81	18.59
For Work In Restricted Working Space, Add	11.15	
40 05 23 23-1156 EA 3/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	136.20	24.79
For Work In Restricted Working Space, Add	14.87	
40 05 23 23-1157 EA 1", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	148.09	30.73
For Work In Restricted Working Space, Add	18.44	
40 05 23 23-1158 EA 1-1/4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	228.97	43.50
For Work In Restricted Working Space, Add	26.09	
40 05 23 23-1159 EA 1-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	240.08	49.04
For Work In Restricted Working Space, Add	29.42	
40 05 23 23-1160 EA 2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	281.74	62.29
For Work In Restricted Working Space, Add	37.38	
40 05 23 23-1161 EA 2-1/2", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	474.24	96.00
For Work In Restricted Working Space, Add	57.62	
40 05 23 23-1162 EA 3", 300#, Type 316 Stainless Steel Raised Face Threaded Flange .....	536.27	195.92
For Work In Restricted Working Space, Add	73.56	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 23 23-1163	EA	4", 300#, Type 316 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	739.46 92.20	153.62
<b>40 05 23 23-1164</b>		<b>150#, Type 316 Stainless Steel Raised Face Weld Neck Flange</b> <small>(40 05 23 23-1019)</small>		
40 05 23 23-1165	EA	1/2", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	121.83 18.34	27.50
40 05 23 23-1166	EA	3/4", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	130.10 19.47	29.19
40 05 23 23-1167	EA	1", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	146.31 21.40	32.09
40 05 23 23-1168	EA	1-1/4", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	182.26 23.33	35.00
40 05 23 23-1169	EA	1-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	190.22 25.72	38.58
40 05 23 23-1170	EA	2", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	208.92 28.65	42.97
40 05 23 23-1171	EA	2-1/2", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	298.90 36.64	54.96
40 05 23 23-1172	EA	3", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	326.03 42.90	64.34
40 05 23 23-1173	EA	4", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	441.00 51.40	77.09
40 05 23 23-1174	EA	6", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	680.16 64.22	96.32
40 05 23 23-1175	EA	8", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,145.13 112.91	169.35
40 05 23 23-1176	EA	10", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,677.74 150.54	225.81
40 05 23 23-1177	EA	12", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,501.90 225.82	338.72
40 05 23 23-1178	EA	14", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,927.76 263.45	395.18
40 05 23 23-1179	EA	16", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,676.29 300.52	450.78
40 05 23 23-1180	EA	18", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	4,503.56 376.36	564.54
40 05 23 23-1181	EA	20", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	5,804.14 526.91	790.36
40 05 23 23-1182	EA	24", 150#, Type 316 Stainless Steel Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	8,245.17 752.72	1,129.08
<b>40 05 23 23-1183</b>		<b>300#, Type 316 Stainless Steel Raised Face Weld Neck Flange</b> <small>(40 05 23 23-1019)</small>		
40 05 23 23-1184	EA	1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	155.78 18.34	27.50
40 05 23 23-1185	EA	3/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	159.54 19.47	29.19
40 05 23 23-1186	EA	1" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	165.97 21.40	32.09
40 05 23 23-1187	EA	1-1/4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	219.78 23.33	35.00
40 05 23 23-1188	EA	1-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	227.74 25.72	38.58
40 05 23 23-1189	EA	2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	249.10 28.65	42.97
40 05 23 23-1190	EA	2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	369.47 36.64	54.96
40 05 23 23-1191	EA	3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	402.82 42.90	64.34
40 05 23 23-1192	EA	4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	615.96 51.40	77.09
40 05 23 23-1193	EA	6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,009.62 64.22	96.32
40 05 23 23-1194	EA	8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,611.23 112.91	169.35
40 05 23 23-1195	EA	10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,319.70 150.54	225.81
40 05 23 23-1196	EA	12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,408.12 225.82	338.72
40 05 23 23-1197	EA	14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	4,615.42 263.45	395.18
40 05 23 23-1198	EA	16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	5,734.19 300.52	450.78
40 05 23 23-1199	EA	18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	7,334.69 376.36	564.54
40 05 23 23-1200	EA	20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	9,407.08 526.91	790.36
40 05 23 23-1201	EA	24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	13,718.22 752.72	1,129.08
<b>40 05 23 23-1202</b>		<b>150#, Type 316 Stainless Steel Raised Face Slip-On Flanges</b> <small>(40 05 23 23-1019)</small>		





MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1203 EA 1/2", 150#, Type 316 Stainless Steel Slip-On Flange .....	168.70	55.01
For Work In Restricted Working Space, Add	36.68	
40 05 23 23-1204 EA 3/4", 150#, Type 316 Stainless Steel Slip-On Flange .....	182.49	58.39
For Work In Restricted Working Space, Add	38.93	
40 05 23 23-1205 EA 1", 150#, Type 316 Stainless Steel Slip-On Flange .....	201.25	64.18
For Work In Restricted Working Space, Add	42.79	
40 05 23 23-1206 EA 1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange .....	277.33	70.00
For Work In Restricted Working Space, Add	46.67	
40 05 23 23-1207 EA 1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange .....	247.36	77.15
For Work In Restricted Working Space, Add	51.44	
40 05 23 23-1208 EA 2", 150#, Type 316 Stainless Steel Slip-On Flange .....	266.90	85.95
For Work In Restricted Working Space, Add	57.30	
40 05 23 23-1209 EA 2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange .....	339.82	109.91
For Work In Restricted Working Space, Add	73.28	
40 05 23 23-1210 EA 3", 150#, Type 316 Stainless Steel Slip-On Flange .....	422.61	128.68
For Work In Restricted Working Space, Add	85.79	
40 05 23 23-1211 EA 4", 150#, Type 316 Stainless Steel Slip-On Flange .....	551.57	154.19
For Work In Restricted Working Space, Add	102.80	
40 05 23 23-1212 EA 6", 150#, Type 316 Stainless Steel Slip-On Flange .....	744.19	192.64
For Work In Restricted Working Space, Add	128.44	
40 05 23 23-1213 EA 8", 150#, Type 316 Stainless Steel Slip-On Flange .....	1,367.01	338.72
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-1214 EA 10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	1,920.63	451.63
For Work In Restricted Working Space, Add	301.09	
40 05 23 23-1215 EA 12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	2,822.43	677.44
For Work In Restricted Working Space, Add	451.64	
<b>40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)</b>		
40 05 23 23-1217 EA 1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange .....	193.68	55.01
For Work In Restricted Working Space, Add	36.68	
40 05 23 23-1218 EA 3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	201.20	58.39
For Work In Restricted Working Space, Add	38.93	
40 05 23 23-1219 EA 1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	214.06	64.18
For Work In Restricted Working Space, Add	42.79	
40 05 23 23-1220 EA 1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	272.55	70.00
For Work In Restricted Working Space, Add	46.67	
40 05 23 23-1221 EA 1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	288.45	77.15
For Work In Restricted Working Space, Add	51.44	
40 05 23 23-1222 EA 2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	313.22	85.95
For Work In Restricted Working Space, Add	57.30	
40 05 23 23-1223 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	490.70	109.91
For Work In Restricted Working Space, Add	73.28	
40 05 23 23-1224 EA 3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	541.34	128.68
For Work In Restricted Working Space, Add	85.79	
40 05 23 23-1225 EA 4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	706.92	154.19
For Work In Restricted Working Space, Add	102.80	
40 05 23 23-1226 EA 6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	1,100.48	192.64
For Work In Restricted Working Space, Add	128.44	
40 05 23 23-1227 EA 8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	1,629.55	338.72
For Work In Restricted Working Space, Add	225.82	
40 05 23 23-1228 EA 10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	2,695.62	451.63
For Work In Restricted Working Space, Add	301.09	
40 05 23 23-1229 EA 12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange .....	3,561.76	677.44
For Work In Restricted Working Space, Add	451.64	
<b>40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)</b>		
40 05 23 23-1231 EA 1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	70.90	10.99
For Work In Restricted Working Space, Add	7.34	
40 05 23 23-1232 EA 3/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	80.42	11.67
For Work In Restricted Working Space, Add	7.79	
40 05 23 23-1233 EA 1", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	91.03	12.82
For Work In Restricted Working Space, Add	8.56	
40 05 23 23-1234 EA 1-1/4", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	107.64	14.29
For Work In Restricted Working Space, Add	9.53	
40 05 23 23-1235 EA 1-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	118.79	19.30
For Work In Restricted Working Space, Add	12.87	
40 05 23 23-1236 EA 2", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	148.54	21.43
For Work In Restricted Working Space, Add	14.29	
40 05 23 23-1237 EA 2-1/2", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	208.56	27.55
For Work In Restricted Working Space, Add	18.37	
40 05 23 23-1238 EA 3", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	248.32	38.61
For Work In Restricted Working Space, Add	25.74	
40 05 23 23-1239 EA 4", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	384.05	64.33
For Work In Restricted Working Space, Add	42.89	
40 05 23 23-1240 EA 6", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	547.25	82.72
For Work In Restricted Working Space, Add	55.15	
40 05 23 23-1241 EA 8", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	969.90	105.38
For Work In Restricted Working Space, Add	70.25	
40 05 23 23-1242 EA 10", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	1,273.90	126.46
For Work In Restricted Working Space, Add	84.30	
40 05 23 23-1243 EA 12", 150#, Type 316 Stainless Steel Raised Face Blind Flange .....	2,058.46	158.07
For Work In Restricted Working Space, Add	105.38	



**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1244	EA	14"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,448.07 131.73	197.59
40 05 23 23-1245	EA	16"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,203.58 150.26	225.39
40 05 23 23-1246	EA	18"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,763.59 188.18	282.27
40 05 23 23-1247	EA	20"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,968.40 263.45	395.18
40 05 23 23-1248	EA	24"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	7,252.56 376.36	564.54
<b>40 05 23 23-1249 300#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)</b>					
40 05 23 23-1250	EA	1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	111.08 7.34	10.99
40 05 23 23-1251	EA	3/4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	112.58 7.79	11.67
40 05 23 23-1252	EA	1"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	115.16 8.56	12.82
40 05 23 23-1253	EA	1-1/4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	173.75 9.53	14.29
40 05 23 23-1254	EA	1-1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	184.90 12.87	19.30
40 05 23 23-1255	EA	2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	204.77 14.29	21.43
40 05 23 23-1256	EA	2-1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	343.40 18.37	27.55
40 05 23 23-1257	EA	3"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	376.88 25.74	38.61
40 05 23 23-1258	EA	4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	575.11 42.89	64.33
40 05 23 23-1259	EA	6"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,057.99 55.15	82.72
40 05 23 23-1260	EA	8"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,376.20 70.25	105.38
40 05 23 23-1261	EA	10"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,482.84 84.30	126.46
40 05 23 23-1262	EA	12"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,027.22 105.38	158.07
40 05 23 23-1263	EA	14"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,375.70 131.73	197.59
40 05 23 23-1264	EA	16"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	5,646.23 150.26	225.39
40 05 23 23-1265	EA	18"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	7,389.76 188.18	282.27
40 05 23 23-1266	EA	20"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	9,290.45 263.45	395.18
40 05 23 23-1267	EA	24"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	14,322.14 376.36	564.54
<b>40 05 23 23-1268 Type 316 Seamless Annealed Tubing (40 05 23 23)</b>					
Note: For high-pressure air (8000 PSIG working pressure).					
<b>40 05 23 23-1269 Type 316 Seamless Annealed Tubing (40 05 23 23-1268)</b>					
40 05 23 23-1270	LF	3/8"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	25.30	
40 05 23 23-1271	LF	1/2"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	32.09	
40 05 23 23-1272	LF	3/4"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	38.93	
<b>40 05 23 23-1273 Type 316 Seamless Annealed Tubing Fittings (40 05 23 23-1268)</b>					
Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.					
40 05 23 23-1274	EA	3/8"	Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	79.61	
40 05 23 23-1275	EA	3/8"	Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	94.75	
40 05 23 23-1276	EA	3/8"	Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	146.07	
40 05 23 23-1277	EA	3/8"	Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	66.18	
40 05 23 23-1278	EA	3/8"	Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	109.20	
40 05 23 23-1279	EA	1/2"	Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	81.08	
40 05 23 23-1280	EA	1/2"	Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	102.84	
40 05 23 23-1281	EA	1/2"	Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	158.49	
40 05 23 23-1282	EA	1/2"	Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	101.21	
40 05 23 23-1283	EA	1/2"	Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	155.50	
40 05 23 23-1284	EA	3/4"	Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	97.73	
40 05 23 23-1285	EA	3/4"	Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	127.27	
40 05 23 23-1286	EA	3/4"	Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	211.85	
40 05 23 23-1287	EA	3/4"	Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	175.61	
40 05 23 23-1288	EA	3/4"	Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	215.65	
<b>40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) (40 05 23 23-1268)</b>					
<b>40 05 23 23-1290 Needle Valves (40 05 23 23-1289)</b>					
40 05 23 23-1291	EA	3/8"	Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	414.67	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1292 EA 1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge.....	662.37	
<b>40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG</b> (40 05 23 23-1289)		
40 05 23 23-1294 EA 1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction.....	398.24	
<b>40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI</b> (40 05 23 23-1289)		
40 05 23 23-1296 EA 1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG .....	1,675.54	
40 05 23 23-1297 EA 1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back .....	414.55	
40 05 23 23-1298 EA Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element.....	76.75	
<b>40 05 41 Glass Process Pipe</b> (40 05)		
<b>40 05 41 00-0001 Glass Pressure Pipe</b> (40 05 41)		
<b>40 05 41 00-0002 Glass Pipe, Beaded Joints</b> (40 05 41 00-0001)		
40 05 41 00-0003 LF 1/2" Glass Pipe, Pressure.....	52.45	15.90
For Work In Restricted Working Space, Add	9.53	
40 05 41 00-0004 LF 3/4" Glass Pipe, Pressure.....	62.94	19.07
For Work In Restricted Working Space, Add	11.44	
40 05 41 00-0005 LF 1" Glass Pipe, Pressure.....	74.62	21.19
For Work In Restricted Working Space, Add	12.71	
40 05 41 00-0006 LF 1-1/2" Glass Pipe, Pressure.....	97.61	28.61
For Work In Restricted Working Space, Add	17.16	
40 05 41 00-0007 LF 2" Glass Pipe, Pressure.....	121.27	33.91
For Work In Restricted Working Space, Add	20.34	
40 05 41 00-0008 LF 3" Glass Pipe, Pressure.....	154.74	39.20
For Work In Restricted Working Space, Add	23.52	
40 05 41 00-0009 LF 4" Glass Pipe, Pressure.....	212.87	52.98
For Work In Restricted Working Space, Add	31.79	
40 05 41 00-0010 LF 6" Glass Pipe, Pressure.....	318.95	63.57
For Work In Restricted Working Space, Add	38.15	
<b>40 05 41 00-0011 Glass 90 Degree Elbows</b> (40 05 41 00-0001)		
40 05 41 00-0012 EA 1/2" 90 Degree Elbow, Glass, Pressure.....	217.81	84.76
For Work In Restricted Working Space, Add	50.86	
40 05 41 00-0013 EA 3/4" 90 Degree Elbow, Glass, Pressure.....	237.00	90.06
For Work In Restricted Working Space, Add	54.04	
40 05 41 00-0014 EA 1" 90 Degree Elbow, Glass, Pressure.....	265.14	95.36
For Work In Restricted Working Space, Add	57.21	
40 05 41 00-0015 EA 1-1/2" 90 Degree Elbow, Glass, Pressure .....	291.26	105.95
For Work In Restricted Working Space, Add	63.57	
40 05 41 00-0016 EA 2" 90 Degree Elbow, Glass, Pressure.....	338.93	116.55
For Work In Restricted Working Space, Add	69.93	
40 05 41 00-0017 EA 3" 90 Degree Elbow, Glass, Pressure.....	444.11	137.73
For Work In Restricted Working Space, Add	82.64	
40 05 41 00-0018 EA 4" 90 Degree Elbow, Glass, Pressure.....	531.41	148.33
For Work In Restricted Working Space, Add	88.99	
40 05 41 00-0019 EA 6" 90 Degree Elbow, Glass, Pressure.....	950.84	169.53
For Work In Restricted Working Space, Add	101.72	
<b>40 05 41 00-0020 Glass 45 Degree Elbows</b> (40 05 41 00-0001)		
40 05 41 00-0021 EA 1/2" 45 Degree Elbow, Glass, Pressure.....	215.88	84.76
For Work In Restricted Working Space, Add	50.86	
40 05 41 00-0022 EA 3/4" 45 Degree Elbow, Glass, Pressure.....	234.73	90.06
For Work In Restricted Working Space, Add	54.04	
40 05 41 00-0023 EA 1" 45 Degree Elbow, Glass, Pressure.....	262.15	95.36
For Work In Restricted Working Space, Add	57.21	
40 05 41 00-0024 EA 1-1/2" 45 Degree Elbow, Glass, Pressure .....	288.09	105.95
For Work In Restricted Working Space, Add	63.57	
40 05 41 00-0025 EA 2" 45 Degree Elbow, Glass, Pressure.....	334.66	116.55
For Work In Restricted Working Space, Add	69.92	
40 05 41 00-0026 EA 3" 45 Degree Elbow, Glass, Pressure.....	437.39	137.73
For Work In Restricted Working Space, Add	82.65	
40 05 41 00-0027 EA 4" 45 Degree Elbow, Glass, Pressure.....	522.01	148.33
For Work In Restricted Working Space, Add	88.99	
40 05 41 00-0028 EA 6" 45 Degree Elbow, Glass, Pressure.....	926.24	169.53
For Work In Restricted Working Space, Add	101.68	
<b>40 05 41 00-0029 Glass Tees</b> (40 05 41 00-0001)		
40 05 41 00-0030 EA 1/2" Tee, Glass, Pressure.....	336.99	127.15
For Work In Restricted Working Space, Add	76.30	
40 05 41 00-0031 EA 3/4" Tee, Glass, Pressure.....	359.26	137.73
For Work In Restricted Working Space, Add	82.65	
40 05 41 00-0032 EA 1" Tee, Glass, Pressure.....	389.21	148.33
For Work In Restricted Working Space, Add	88.99	

**40 Process Interconnections****40 05 Common Work Results For Process Interconnections****40 05 41 Glass Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0033	EA		1-1/2" Tee, Glass, Pressure.....	453.37	158.93
			<i>For Work In Restricted Working Space, Add</i>	95.34	
40 05 41 00-0034	EA		2" Tee, Glass, Pressure.....	508.41	174.82
			<i>For Work In Restricted Working Space, Add</i>	104.90	
40 05 41 00-0035	EA		3" Tee, Glass, Pressure.....	618.91	211.90
			<i>For Work In Restricted Working Space, Add</i>	127.14	
40 05 41 00-0036	EA		4" Tee, Glass, Pressure.....	772.19	222.40
			<i>For Work In Restricted Working Space, Add</i>	133.44	
40 05 41 00-0037	EA		6" Tee, Glass, Pressure.....	1,080.50	254.18
			<i>For Work In Restricted Working Space, Add</i>	152.53	
<b>40 05 41 00-0038</b>			<b>Glass Couplings, Vitron Liner</b> <small>(40 05 41 00-0001)</small>		
40 05 41 00-0039	EA		1/2" Coupling, Vitron Liner, Glass.....	69.44	
40 05 41 00-0040	EA		3/4" Coupling, Vitron Liner, Glass.....	79.36	
40 05 41 00-0041	EA		1" Coupling, Vitron Liner, Glass.....	92.59	
40 05 41 00-0042	EA		1-1/2" Coupling, Vitron Liner, Glass.....	105.82	
40 05 41 00-0043	EA		2" Coupling, Vitron Liner, Glass.....	127.31	
40 05 41 00-0044	EA		3" Coupling, Vitron Liner, Glass.....	233.13	
40 05 41 00-0045	EA		4" Coupling, Vitron Liner, Glass.....	281.08	
40 05 41 00-0046	EA		6" Coupling, Vitron Liner, Glass.....	562.16	

**END OF SECTION 40**



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

## 41 Material Processing and Handling Equipment

### 41 01 Operation and Maintenance of Material Processing and Handling Equipment<sup>(41)</sup>

#### 41 01 20 Operation and Maintenance of Piece Material Handling Equipment<sup>(41 01)</sup>

##### 41 01 20 13 Operation And Maintenance Of Hoists Or Cranes<sup>(41 01 20)</sup>

41 01 20 13-0001	Maintenance <sup>(41 01 20 13)</sup>			
41 01 20 13-0002	EA Regular Inspection.....		406.77	
41 01 20 13-0003	HR Hoist Or Crane Servicing, Labor Only.....		121.29	
41 01 20 13-0004	MO Hoist Or Crane Maintenance Contract.....		1,009.04	

### 41 20 Piece Material Handling Equipment<sup>(41)</sup>

#### 41 22 Cranes and Hoists<sup>(41 20)</sup>

##### 41 22 23 Hoists<sup>(41 22)</sup>

##### 41 22 23 13 Fixed Hoists<sup>(41 22 23)</sup>

##### 41 22 23 13-0001 Air-Powered Chain Hoists<sup>(41 22 23 13)</sup>

Note: Excludes beam.

41 22 23 13-0002	EA 500 Lb. Capacity, Air-Powered Chain Hoist.....		7,368.80	366.36
41 22 23 13-0003	EA 1,000 Lb. Capacity, Air-Powered Chain Hoist.....		7,456.00	366.36
41 22 23 13-0004	EA 2,000 Lb. Capacity, Air-Powered Chain Hoist.....		9,002.52	366.36
41 22 23 13-0005	EA 4,000 Lb. Capacity, Air-Powered Chain Hoist.....		11,375.73	488.48
41 22 23 13-0006	EA 6,000 LB Capacity, Air-Powered Chain Hoist .....		14,350.12	610.60
41 22 23 13-0007	EA 8,000 LB Capacity, Air-Powered Chain Hoist .....		16,892.19	897.34
41 22 23 13-0008	EA 10,000 LB Capacity, Air-Powered Chain Hoist .....		19,489.45	1,083.81
41 22 23 13-0009	EA 12,000 LB Capacity, Air-Powered Chain Hoist .....		20,929.98	1,083.81

##### 41 22 23 13-0010 Electric Hoists<sup>(41 22 23 13)</sup>

##### 41 22 23 13-0011 Electric Industrial Chain Hoists<sup>(41 22 23 13-0010)</sup>

Note: Includes 20' of chain. Excludes beams. See CSI section 05 59 65 00-0001 for additional chain.

41 22 23 13-0012	EA 500 LB Capacity, Electric Industrial Chain Hoist.....		2,739.02	354.15
	For DC Electrical Operated, Add		507.14	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0013	EA 1,000 LB Capacity, Electric Industrial Chain Hoist.....		2,850.55	354.15
	For DC Electrical Operated, Add		534.55	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0014	EA 2,000 LB Capacity, Electric Industrial Chain Hoist.....		3,133.27	354.15
	For DC Electrical Operated, Add		602.31	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0015	EA 3,000 LB Capacity, Electric Industrial Chain Hoist.....		4,629.02	366.36
	For DC Electrical Operated, Add		968.51	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0016	EA 4,000 LB Capacity, Electric Industrial Chain Hoist.....		4,020.96	366.36
	For DC Electrical Operated, Add		814.32	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0017	EA 5,000 LB Capacity, Electric Industrial Chain Hoist.....		5,668.46	378.57
	For DC Electrical Operated, Add		1,216.36	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0018	EA 6,000 LB Capacity, Electric Industrial Chain Hoist.....		5,185.97	415.20
	For DC Electrical Operated, Add		1,061.56	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0019	EA 7,500 LB Capacity, Electric Industrial Chain Hoist.....		6,357.88	512.91
	For DC Electrical Operated, Add		1,348.56	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0020	EA 10,000 LB Capacity, Electric Industrial Chain Hoist.....		7,502.90	554.60
	For DC Electrical Operated, Add		1,635.86	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0021	EA 15,000 LB Capacity, Electric Industrial Chain Hoist.....		11,960.17	578.71
	For DC Electrical Operated, Add		2,700.44	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0022	EA 20,000 LB Capacity, Electric Industrial Chain Hoist.....		14,277.36	602.82
	For DC Electrical Operated, Add		3,267.20	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0023	EA 25,000 LB Capacity, Electric Industrial Chain Hoist.....		19,635.16	626.94
	For DC Electrical Operated, Add		4,593.78	
	For Each LF Copper Conductor Bar, Add		10.50	
41 22 23 13-0024	EA 30,000 LB Capacity, Electric Industrial Chain Hoist.....		25,063.83	687.22
	For DC Electrical Operated, Add		5,920.66	
	For Each LF Copper Conductor Bar, Add		10.50	

**41 Material Processing and Handling Equipment****41 20 Piece Material Handling Equipment****41 22 Cranes and Hoists**

MINOR  
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
41 22 23	13-0025		Hand Chain Hoists <small>(41 22 23 13)</small>		
41 22 23	13-0026	EA	1,000 LB Capacity, Hand Chain Hoist .....	1,859.63	167.05
41 22 23	13-0027	EA	2,000 LB Capacity, Hand Chain Hoist .....	2,190.87	169.34
41 22 23	13-0028	EA	3,000 LB Capacity, Hand Chain Hoist .....	2,940.98	177.36
41 22 23	13-0029	EA	4,000 LB Capacity, Hand Chain Hoist .....	3,310.14	179.64
41 22 23	13-0030	EA	5,000 LB Capacity, Hand Chain Hoist .....	3,994.57	188.80
41 22 23	13-0031	EA	6,000 LB Capacity, Hand Chain Hoist .....	4,473.59	220.83
41 22 23	13-0032	EA	10,000 LB Capacity, Hand Chain Hoist.....	6,202.44	227.70
41 22 23	13-0033	EA	16,000 LB Capacity, Hand Chain Hoist.....	8,099.50	274.61
41 22 23	13-0034	EA	20,000 LB Capacity, Hand Chain Hoist.....	9,892.97	287.20
41 22 23	13-0035	EA	30,000 LB Capacity, Hand Chain Hoist.....	17,434.78	328.39

**END OF SECTION 41**





<b>Process Gas and Liquid Handling, Purification, and Storage Equipment</b>	<b>43</b>
Liquid Handling Equipment	43 20
Dry Location Liquid Pumps	43 23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

**43 Process Gas and Liquid Handling, Purification, and Storage Equipment**

**43 20 Liquid Handling Equipment** <sup>(43)</sup>

**43 23 Dry Location Liquid Pumps** <sup>(43 20)</sup>

**43 23 78 Controlled Volume Horizontal Reciprocating Pumps** <sup>(43 23)</sup>

**43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps** <sup>(43 23 78)</sup>

**43 23 78 31-0001 Diaphragm Pump** <sup>(43 23 78 31)</sup>

43 23 78 31-0002 EA 28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI..... 4,910.18

**43 24 Suspended Liquid Pumps** <sup>(43 20)</sup>

**43 24 41 Archimedes Screw Pumps** <sup>(43 24)</sup>

**43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps** <sup>(43 24 41)</sup>

**43 24 41 23-0001 Positive Displacement Pump** <sup>(43 24 41 23)</sup>

43 24 41 23-0002 EA 25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing..... 4,034.18

END OF SECTION 43

**43 Process Gas and Liquid Handling, Purification, and Storage Equipment**

43 20 Liquid Handling Equipment

43 24 Suspended Liquid Pumps

MINOR  
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION  
UNIT COST UNIT COST**THIS PAGE INTENTIONALLY LEFT BLANK**

**This Page Intentionally Left Blank**



**[gordian.com](http://gordian.com) | 855.467.9444**

30 Patewood Drive  
Building 2, Suite 350  
Greenville, South Carolina 29615